Monthly Index
of
Russian Accessions

Volume 13, No. 4

July 1960

THE LIBRARY OF CONGRESS
WASHINGTON : 1960

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index.*

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals with their tables of contents translated into English. However, accessions printed earlier than 1947 are not included. All émigré periodicals and those Soviet periodicals bearing the imprint 1947-1954 are only listed in Part B without their tables of contents, and are not indexed in Part C. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index.* In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C is a subject guide to both the monographs and periodical articles listed in Parts A and B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September-October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8-12.

A list of periodicals included in the current issue, with abbreviations used, is given at the beginning of Part C in each issue of the INDEX. The number and letter in parentheses following each periodical title indicate the class and subclass in which it is to be found in Part B. Cumulative lists of periodicals included in the current volume appear in numbers 6 and 12 of that volume. These lists are arranged by subject; the symbols of American libraries other than the Library of Congress, known to have current files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

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Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1-3, $1.50; to Volume 4, $0.60.

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*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AMAU	Air University Library, Maxwell Air Force Base, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
CCP	Pomona College, Claremont, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum
CLL	Los Angeles County Law Library
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSt	Stanford University, Palo Alto, Calif.
CSt H	Hoover Institute and Library on War, Revolution and Peace, Palo Alto, Calif.
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU A	College of Agriculture Library, Davis
CU B	Bancroft Library, Berkeley
CU M	Medical Center, San Francisco
CU S	Scripps Institution of Oceanography, La Jolla
CaBVa	Vancouver Public Library, Vancouver
CaBVaU	University of British Columbia, Vancouver, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOOG	Geological Survey of Canada, Ottawa
CaOON	National Research Council, Ottawa
CaOOS	Dominion Bureau of Statistics, Ottawa
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	Medical Library
CoU	University of Colorado, Boulder
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY L	Law Library
CtY M	Medical School
DA	U. S. Department of Agriculture
DBC	U. S. Bureau of the Census Library
DBS	U. S. Bureau of Standards
DC	U. S. Department of Commerce Library
DCU	Catholic University Library
DDC	Dominican House of Studies, Immaculate Conception Convent Library
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	U. S. Federal Reserve Board Library
DH	U. S. National Institutes of Health Library, Bethesda, Md.
DI	U. S. Department of the Interior Library
DI GS	Geological Survey Library
DN	U. S. Department of the Navy Library
DN-HO	Hydrographic Office Library
DN RL	Naval Research Laboratory, Washington, D. C.
DNLM	National Library of Medicine, Washington, D. C.
DNW	U. S. National War College Library (Fort McNair)
DP	U. S. Patent Office Library, Washington, D. C.
DS	U. S. Department of State
DSI	Smithsonian Institution
DWB	U. S. Weather Bureau, Washington, D. C.
DeU	University of Delaware, Newark
FMU	Miami University Library, Miami, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAGT	Georgia Institute of Technology, Atlanta
GU	University of Georgia, Athens
ICA	Art Institute of Chicago, Chicago
ICA-R	Ryerson Library
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago
ICU Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Society, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State College, Ames
IaU	State University of Iowa, Iowa City
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science, Indianapolis
InLP	Purdue University, Lafayette
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KU	University of Kansas, Lawrence
KU M	School of Medicine Library, Kansas City
KyU	University of Kentucky, Lexington
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst
MB	Boston Public Library
MBU	Boston University
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH A	Arnold Arboretum, Jamaica Plain
MH AH	Andover-Harvard Theological Seminary
MH C	Chemistry Library
MH En	School of Engineering Library
MH F	Farlow Reference Library
MH FA	Fogg Art Museum
MH HY	Harvard-Yenching Institute (Chinese-Japanese Library)
MH L	Law School
MH M	School of Medicine and Public Health, Boston
MH Mi	Mineralogical Library
MH P	Peabody Museum
MH PR	Physics Research Library
MH SD	Graduate School of Design Library
MH Z	Museum of Comparative Zoology
MNS	Smith College, Northampton
MWhB	Marine Biological Laboratory, Woods Hole
MdBJ	Johns Hopkins University, Baltimore
MeB	Bowdoin College, Brunswick
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts, Detroit, Mich.
MiDW	Wayne University, Detroit
MiEM	Michigan State College, East Lansing
MiU	University of Michigan, Ann Arbor
MiU L	Law Library
MnU	University of Minnesota, Minneapolis
MnU L	Law Library
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NCorniC	Corning Glass Works Library, Corning, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC A	State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNBell	Bell Telephone Laboratories, New York
NNC	Columbia University, New York
NNC L	Law Library
NNC M	Medical Library
NNC T	Teachers College
NNE	Engineering Societies Library, New York
NNIS	Library for Intercultural Studies, New York
NNM	American Museum of Natural History, New York
NNNAM	New York Academy of Medicine, New York

NNR	Russell Sage Foundation College of the City of New York
NNU	New York University Libraries, New York
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRU	University of Rochester, Rochester
NSyU	Syracuse University
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Women's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, N. J.
NjN	Newark Public Library, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University Library, New Brunswick
OCH	Hebrew Union College, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClMA	Cleveland Museum of Art, Cleveland
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute Library, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Public Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OkU	University of Oklahoma, Norman
OrCS	Oregon State College, Corvallis
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians and Surgeons of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiC	Carnegie Institute of Technology, Pittsburgh
PSC	Swarthmore College, Swarthmore
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering
PU-FA	— School of Fine Arts
PU-Math	— Mathematics Research Library
PU-Mu	— University Museum
PU-P	— Department of Physics
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School
RPB	Brown University, Providence, R. I.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute Library, Houston
TxU	University of Texas, Austin
ViU	University of Virginia, Charlottesville
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
WHi	State Historical Society, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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[UKRAINIAN ENCYCLOPEDIA, [illegible]] [illegible] "Molode zhyttia."
Vol. 2, pt. 10 [n.d.] [illegible] p.
Vol. 2, pt. 11 [1959] [illegible] p.
Vol. 2, pt. 12 [n.d.] [illegible] p.

2. BIBLIOGRAPHY

[illegible] [Materials of the book trade] [illegible] Moskva, Izd-vo [illegible], 1959. 240 p.

[illegible] [illegible] [In Armenian.]
(DLC)

[illegible], V.A., and A. M. KAMEN[illegible]. [Distribution of books in [illegible]] [illegible] Moskva, [illegible], 1959. 60 p.

[CATALOG OF [illegible] NEWSPAPERS AND MAGAZINES] [illegible] Moskva, [illegible], 1959. 41 p.

[illegible] [illegible] Moskva, [illegible] Moskva, 1959. 64 p.

[illegible] [illegible] 1959. 97 p. [In [illegible].]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [illegible] Moskva, 1959. 102 p.
(DLC)

[illegible] [Work of a mass [illegible]] [illegible] Moskva, [illegible], 1960. 211 p.

[illegible] [illegible] [Moskva] [illegible] 1959. 16 p.

[illegible] [What children [illegible] literature] [illegible] 1959. 131 p. [illegible]

[illegible] KNIZHNOI TORGOVLI. [Literature [illegible] marine, and on the Arctic and the Antarctic, an annotated catalog of [illegible]] [illegible] Arktike i Antarktike, annotirovannyi katalog. Moskva, Izd-vo "Morskoi transport," 1959. 43 p.

3. PHILOSOPHY & RELIGION

AKADEMIIA OBSHCHESTVENNYKH NAUK. Kafedra istorii filosofii. [Russian progressive philosophical thought of the 19th century, from 1850's to 1880's] Russkaia progressivnaia filosofskaia mysl' XIX veka, 50-80 gody. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 476 p.

BARCHUK, IVAN. [About Catholic Saints] Pro katolits'kykh sviatykh. Toronto, Nakladom khrystyians'koho vyd-va "Doroha pravdy," 1959. 224 p.

BIBLE. N.T. Gospels. Russian. 1958. [The Gospel] Evangelie to est'r Blagaia Vest' ili Novyi Zavet Gospoda Nashego Iisusa Khrista, s personal'nogo [illegible], Izdannoe pod [illegible] Sv. Sinoda s [illegible] knigi [illegible]. Washington, D.C., Russkoe Bibleiskoe obshch., 1958. 240 p.

BODNAR, JAN. [Present-day philosophy in the U.S.A. Translated from the Czech] O sovremennoi filosofii SShA. Moskva, Inostr. lit., 1959. 230 p.
(NNC)

BOGOMOLOV, A.S. [Criticism of the subjective and idealistic philosophy of George Berkeley, a lecture] Kritika sub"ektivno-idealisticheskoi filosofii D. Berkli, lektsiia. [Moskva] Izd-vo Mosk. univ., 1959. 42 p.

BRUTIAN, G.A. [Theory of knowledge of general semantics, a critical analysis] Teoriia poznaniia obshchei semantiki, kriticheskii analiz. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1959. 100 p.
[illegible]

CHAGIN, B. A. [From the history of V. I. Lenin's struggle for the development of Marxist philosophy] Iz istorii bor'by V. I. Lenina za razvitie marksistskoi filosofii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 200 p.

DRIBANOV, [illegible] A. [Are miracles possible?] Vozmozhny li chudesa. [Moskva] Mosk. rabochii, 1960. 40 p.

[illegible]OV, A. A. [Religious sectarianism and its nature] Religioznoe sektantstvo i ego [illegible]. Izd-vo Mosk. univ., 1960. 64 p.

GORTARI, ELI DE. [Introduction to dialectical logic. Translated from the Spanish. Preface by E. K. Voishvillo] Vvedenie v dialekticheskuiu logiku. Moskva, Izd-vo inostr. lit-ry, 1959. 350 p.

ILYENKOV, E. V. [Dialectic of abstract and concrete concepts in the "Capital" of Marx] Dialektika abstraktnogo i konkretnogo v "Kapitale" Marksa. Moskva, Izd-vo Akad. nauk SSSR, 1960. 284 p.

KARDIRA?, A. P. [Criticism of the philosophic principles of present-day revisionism. Kritika filosofskikh [illegible] sovremennogo revizionizma. Tbilisi, Izd. Ob-va po rasprostraneniiu polit. i nauchn. znanii Gruzin. SSR] 1959. 38 p. [In Georgian.]

KARTASHEV, A. V. [Outline history of the Russian Church] Ocherki po istorii Russkoi Tserkvi. Parizh, YMCA Press.
Vol. 1 [1959] 685 p.
Vol. 2. [1959] 569 p.
MH

KHMARA, V. V. [Cheloveku nado verit'. Moskva, Gos. izd-vo polit. lit-ry, 1960. 30 p.

KLIBANOV, A. I. [Reformation movements in Russia from the 14th to the first half of the 16th century] Reformatsionnye dvizheniia v Rossii v XIV - pervoi polovine XVI v.v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 409 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Dialectical materialism] Dialekticheskii materializm. Pod red. A. D. Makarova, A. V. Vostrikova i E. N. Chesnokova. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 470 p.

KURSANOV, G. A. [What is dialectics] Chto takoe dialektika. [Moskva] Mosk. rabochii, 1960. 78 p. (Obshchedostupnaia bibliotechka po filosofii)

MASLIN, A. N., and others. [Materialism and revolutionary and democratic ideas in Russia in the 1860's] Materializm i revoliutsionno-demokraticheskaia ideologiia v Rossii v 60-kh godakh XIX veka. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 307 p.

MEGRABIAN, A. A. [Nature of individual consciousness in normal and pathological states] O prirode individual'nogo soznaniia, v norme i patologii. Erevan, Armgosizdat, 1959. 216 p.

MIKHALEVICH, A. V. [Great passions and lamentable impulses] O strastiakh i strastishkakh. Moskva, Gos. izd-vo polit. lit-ry, 1960. 77 p.

OIZERMAN, T. I. [Basic features of present-day bourgeois philosophy] Osnovnye cherty sovremennoi burzhuaznoi filosofii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 8)

PAVELKIN, P. A. [What is religion; scientific popular lectures and talks] Chto takoe religiia; nauchno-populiarnye lektsii i besedy. Izd. 2., dop. Moskva, Gos. izd-vo polit. lit-ry, 1960. 334 p.

POKHYLEVYCH, D. L. [Modern Catholicism] Suchasnyi katolytsyzm. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1959. 40 p.

SHEVAREV, P. A. [Generalized association in the study work of school children] Obobshchennye assotsiatsii v uchebnoi rabote shkol'nika. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 301 p.

SKVORTSOV-STEPANOV, I. I. [Talks about faith] Besedy o vere. Moskva, Gos. izd-vo polit. lit-ry, 1960. 30 p.

SMIRNOVA-BARTENEVA, V. A. [Avicenna (Abu Ali Ibn Sina)] Avitsenna (Abu Ali Ibn Sina) [Moskva] "Molodaia gvardiia" [1959] 232 p. (Zhizn' zamechatel'nykh liudei, vyp. 10(266))
(IaU)

SUMARH V, P. I., comp. [Russian authors write about religion] Russkie pisateli o religii. [Moskva] Sovet [illegible] Rossiia, 1959. 460 p.
(NNC)

[TRUTH ABOUT RELIGION, collected articles] Pravda o religii; sbornik. Abbat Zhan Mel'e. Episkop V. M. Braun. Doktor bogoslovila F. Shakhor'. Doktor teologii A. Tondi. Mitropolit N. F. Platonov. Moskva, Izd-vo polit. lit-ry, 1959. 423 p.

VOISHVILLO, E. K. [Subject and significance of logic] Predmet i znachenie logiki. [Moskva] Izd-vo Mosk. univ., 1960. 84 p.

VOLGIN, V. I. [The Vatican, a center of reaction and obscurantism] Vatikan - tsentr reaktsii i mrakobesiia. [Leningrad] Lenizdat, 1960. 114 p.

VORONTSOV, G. V. [Promotion of atheism; antireligious work in Leningrad and in Leningrad Province] O propagande ateizma, iz opyta antireligioznoi raboty v Leningrade i v oblasti. [Leningrad] Lenizdat, 1960. 61 p. (Bibliotechka ateista)

[WITHOUT THE MASK; a collection of feuilletons] Bez maski, sbornik fel'etonov. Moskva, Gos. izd-vo polit. lit-ry, 1960. 107 p.

ZEN'KOVSKII, V. V. [Course in ancient philosophy] Kurs drevnei filosofii. [Parizh? 1951?] 54 p. (Vysshie ... [illegible] kursy v Parizhe)
(WU)

4. HISTORY

[AGGRESSORS MUST BE EXPOSED TO PUBLIC SCORN, truth about the provocative intrusion of the American airplane into the air space of the U.S.S.R.] Agressorov k pozornomu stolbu, pravda o provokatsionnom vtorzhenii amerikanskogo samoleta v vozdushnoe prostranstvo SSSR. Moskva, Izd. Soiuza zhurnalistov SSSR, 1960. 190 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [The South Ossetian Autonomous Province] IUgo-Osetinskaia avtonomnaia oblast'. Stalinir, Gosizdat, IUgo-Osetii, 1959. 96 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. [History of the Kazakh S.S.R.] Istoriia Kazakhskoi SSR. Alma-Ata.
Vol. 2. 1959. 734 p.

AKADEMIIA NAUK SSSR. Institut etnografii. [Materials of the Khorezm Expedition] Materialy Khorezmskoi ekspeditsii. Pod obshchei red. S. P. Tolstova. Moskva.
No. 1. [Field explorations of the Khorezm Expedition in 1954-1956] Polevye issledovaniia Khorezmskoi ekspeditsii v 1954-1956 gg. 1959. 207 p.
No 2. Trofimova, T. A. [Early population of Khorezm based on the paleoanthropological data] Drevnee naselenie Khorezma po dannym paleoantropologii. 1959. 175 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Proceedings of the meetings of the Paris Commune] Protokoly zasedanii Parizhskoi Kommuny 1871 goda. Moskva.
Vol. 2. [May 1 - May 21] 1 maia - 21 maia. 1960. 432 p.

AMUR, (Province). Upravlenie vnutrennikh del. Arkhivnyi otdel. [The 100 anniversary of Blagoveshchensk (1858-1958); collection of documents and materials] Blagoveshchensku 100 let, 1858-1958; sbornik dokumentov i materialov. Blagoveshchensk, 1959. 573 p.

ANDREEVA, M.V. [Monuments of Roman culture; for children of the middle age group] Pamiatniki rimskoi kul'tury; dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 30 p. (Puteshestviia v proshloe po zalam Ermitazha)

ANDRIKANIS, E.N. [Master of "The devil's nest"] Khoziain "Chertova gnezda." [Moskva] Mosk. rabochii, 1960. 230 p.

BADALIAN, KH.A. [Armenia in the Russo-Turkish War, 1877-1878] Armeniia v Russko-Turetskoi voine, 1877-1878 gg. Erevan, Armianskoe gos. izd-vo 1959. 153 p. [In Armenian.]
(MH)

BAKU. MUZEI ISTORII AZERBAIDZHA. [The Azerbaijan; historical and noteworthy places] Azerbaidzhan; istoricheskie i dostoprimechatel'nye mesta. Pod *obshchei red.* M. A. Kazieva. Baku, 1960. 140 p., illus.

BOIARSKAIA, Z.S. [Klara Zetkin] Klara TSetkin. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 113 p.

BORISOV, B. A. [Heroism at Sevastopol; reminiscence] Podvig Sevastopolia; vospominaniia. Simferopol', Krymizdat, 1959. 401 p.

BUDAK, I. G. [Social and political movement in Bessarabia after the *reform of 1861*] *Obshchestvenno*-politicheskoe dvizhenie v Bessarabii v poreformennyi period. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 410 p.

BYRNES, JAMES FRANCIS. [Frankly speaking. Translated from the English] Govoria otkrovenno. Regensburg, Izd-vo "Ekho," 1948. 72 p.
(WU)

BZHES'KYI, ROMAN. [Famine in the Ukraine in the light of official data] Holod na Ukraini v svitli uriadovykh danykh. [Baffalo, Nakl. avtora] 1958. 39 p.
(IU)

CHERNOMORSKII, M.N. [Memoirs as historical source material, a textbook on the study of source material for the history of the U.S.S.R.] Memuary kak istoricheskii istochnik; uchebnoe posobie po istochnikovedeniiu istorii SSSR. Moskva, Mosk. gos. istoriko-arkhivnyi in-t M-va vysshego obrazovaniia SSSR, 1959. 78 p.
(MH)

CHERNYSH, M.I. [Development of capitalism in the Urals, and the Perm Zemstvo] Razvitie kapitalizma na Urale i Permskoe zemstvo. Perm', Permskoe knizhnoe izd-vo, 1959. 236 p
(MH)

CHIKHACHEV, P.A. [Letters about Turkey] Pis'ma o Turtsii. Moskva, Izd-vo vostochnoi lit-ry, 1960. 84 p.

CHIZHOV, I.G., and D.V. KONDRIKOV. [Victory of the socialist revolution in Omsk Province] Pobeda sotsialisticheskoi revoliutsii v Omskoi oblasti. Omsk, Omskii oblastnoi kraevedcheskii muzei, 1958. 83 p.

CHUEV, V.V. [V.I. Lenin in Samara, 1889-1893, a documentary and historical account] V.I. Lenin v Samare, 1889-1893 gg, dokumental'no-istoricheskii ocherk. Moskva, Gos. izd-vo polit. lit-ry, 1960. 81 p.

DOERR, HANS. [Stalingrad campaign, a survey of operations. Translated from the German] Pokhod na Stalingrad, operativnyi obzor. Moskva, Voen. izd-vo, 1957. 139 p.
(CSt-H)

DUDITSKII, A.F. [Akmola, renowned city; a historical sketch] Akmola - gorod slavnyi, istoricheskii ocherk. Akmolinsk, Obl. izd-vo, 1959. 126 p.
(NNC)

ESSEN, M.M. [Meetings with Lenin] Vstrechi s Leninym. Moskva, Gos. izd-vo polit. lit-ry, 1959. 33 p.

[ETERNALLY IN THE RANKS] Navechno v stroiu. Moskva, Voen. izd-vo M-va obor. SSSR.
Vol. 2. 1959. 103 p.

GALAN, JOSE MARIA. [Downfall of the monarchy in Spain, 1917-1931] Krushenie monarkhii v Ispanii, 1917-1931 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 134 p.

GERASIMOVA, A.N. [Shoulder to shoulder; a teacher's notebook] Plechom k plechu, zapiski uchitel'nitsy. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1958. 247 p.
(MH)

GELOVANI, A.A. [Unpunished criminals. Ne nakazannye prestupniki. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 90 p. [In Georgian.]

[THE GLORY OF THOSE DAYS SHALL NOT FADE...; recollections by river men, participants in the Great October Socialist Revolution, the nationalization of the navy, and the civil war on the Volga and on the Kama] Etikh dnei ne smolknet slava...; vospominaniia rechnikov - uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, natsionalizatsii flota i grazhdanskoi voiny na Volge i Kame. Moskva, Izd-vo "Rechnoi transport," 1958. 117 p.
(CSt-H)

GORDLEVSKII, V.A. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. [Historical works] Istoricheskie raboty. 1960. 560 p.

GORDON, IA.I. [Heroic life of Máté Zalka, General Lukac] Geroicheskaia zhizn' Mate Zalka-generala Lukacha. Moskva, Voen. izd-vo, 1959. 157 p.
(CSt-H)

GUMILEV, L.N. [The Huns, Central Asia in ancient Times] Khunnu; Sredinnaia Aziia v drevnie vremena. Moskva, Izd-vo vostochnoi lit-ry, 1960. 290 p.

HERBIL'SKYI, H.IU. [Progressive social ideas in *Galicia in the 1830's* and the middle 1840's] Peredova suspil'na dumka v Halychyni, 30-i— seredyna 40-kh rokiv XIX stolittia. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 159 p.

[INHUMANITY AS A SYSTEM. Translated from the German. Preface by V. Taurov and V. Chernov] *Bescheloviechnost'* kak sistema. Moskva, Voen. izd. vo M-va obor. SSSR, 1960. 230 p.

IVANOV, B.V. [Thirteen days in September] 13 dnei sentiabria. Moskva, Izd-vo "Pravda," 1960. 47 p. (Biblioteka "Ogonek", no. 15)

KAFTANOV, S.V. [Toward new advance in intellectual culture] K novomu pod"emu dukhovnoi kul'tury. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. *142 p.*

KALANDADZE, A.P. [Il'ia Chavchavadze State Museum in Kvareli] Gosudarstvennyi muzei Il'i Chavchavadze v Kvareli. Tbilisi, 1958. 104 p. *[In Georgian.]*
(MH)

KARAVAEV, A. [Lenin, the man, the statesman, the philosopher, the revolutionary] Lenin, chelovek, politik, filosof, revoliutsioner. [Miunkhen] Posev, 1959. 190 p.
(NNC)

KASHKAI, M. A., and I. R. SELIMKHANOV. [Analyzing metal articles of ancient Mingechaur dating to the era of developed bronze] Issledovanie metallicheskikh izdelii drevnego Mingechaura epokhi razvitoi bronzy. Baku, Izd-vo Azerbaidzhanskogo univ., 19[illegible] 11 p.

KHARLAMOV, P.K. [The cossacks] Kazaki. Parizh, Izdatel' P.T. Gel'man, 19[illegible]. 91 p.

KHRUSHCHEV, N.S. [A world without arms is a world without war] Mir bez oruzhiia - mir bez voin. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 1. [January-July 1959] Ianvar' - iiul' 1959 goda. 1960. 511 p.
Vol. 2. [August-December 1959] Avgust - dekabr' 1959 goda. 1960. 439 p.

KHURSHUDIAN, L.A. [Stepan Shaumian, his work for government and party in 1917 and 1918] Stepan Shaumian; gosudarstvennaia i partiinaia deiatel'nost' v 1917-1918 godakh. Erevan, Akad. nauk Armianskoi SSR, In-t istorii, 1959. 341 p. [In Armenian.]
(MH)

KIRIANOV, A.V. [Restoration of archaeological objects] Restavratsiia arkheologicheskikh predmetov. Moskva, Izd-vo Akad. nauk SSSR, 1959. 91 p.

KISLYI, G.P. [On the tributaries of the Dnieper, military action of Soviet sailors during the White Russian campaign (June to July 1944)] Na pritokakh Dnepra; boevye deistviia sovetskikh moriakov v Belorusskoi operatsii, iiun'-iiul' 1944 g. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 122 p.

KITAISKOE NARODNOE OBSHCHESTVO PO IZUCHENIIU MEZHDUNARODNYKH OTNOSHENII. [American occupation of Taiwan and the plots of the U.S.A. directed toward the creation of "two Chinas"; a collection of documents and materials] Amerikanskaia okkupatsiia Taivania i proiski SShA, napravlennye na sozdanie "dvukh Kitaev"; sbornik dokumentov i materialov. Pekin, Izd-vo lit-ry na inostrannykh iazykakh, 1959. [illegible] p.
(MH)

KOLLONTAI, A.M. [Reminiscences about Il'ich] Vospominaniia ob Il'iche. Moskva, Gos. izd-vo polit. lit-ry, 1959. [illegible] p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Irkutskii oblastnoi komitet. Otdel propagandy i agitatsii. [Articles and news reports from Siberia in "Iskra," a newspaper edited by Lenin] Sibirskie korrespondentsii v Leninskoi "Iskre." [Irkutsk] Irkutskoe obl. gos. izd-vo, 1951. 104 p.
(MICROFILM)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Kaluzhskii oblastnoi komitet. Partiinyi arkhiv. [Unforgettable years, reminiscences by old Bolsheviks] Nezabyvaemye gody, vospominaniia staryh bol'shevikov. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 104 p.
(MH)

KOSTANIAN, O.M. [From the revolutionary past of Kamarlyu, reminiscences] Iz revoliutsionnogo proshlogo Kamarliu; vospominaniia. Erevan, Armianskoe gos. izd-vo, 1959. 87 p. [In Armenian.]
(MH)

KRAUS, OTA, and ERICH KULKA. [Factory of death. Translated from the Czech] Fabrika smerti. Moskva, Gos. izd-vo polit. lit-ry, 1960. 294 p.

KRAVCHENKO, I.S., and A.I. ZALESSKII. [The White Russian people during the Great Patriotic War] Belorusskii narod v gody Velikoi Otechestvennoi voiny. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1959. 145 p.

KRUPSKAIA, N.K. [Lenin, a collection of articles] O Lenine; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1960. 381 p.

LAPIN, V.V. [Olbia, a guidebook to the excavations and museum] Ol'viia, putevoditel' po raskopkam i muzeiu. Kiev, Akad. nauk USSR. In-t arkheologii, 1959. 77 p.
(MH)

LASHCHUK, L.P. [Study on the ethnic history of the Pecora region, historical - ethnological research] Ocherk etnicheskoi istorii Pechorskogo kraia, opyt istoriko-etnograficheskogo issledovaniia. Syktyvkar, Komi knizhnoe izd-vo, 1958. 166 p
(MICROFILM)

[LEGENDARY CAMPAIGN] Legendarnyi reid, sbornik vospominanii o podvige Iuzhnoural'skikh partizan pod komandovaniem V. K. Bliukhera. Moskva, Gos. izd-vo polit. lit-ry, 1959. 104 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Great leader and friend of the workers, a recommended reading list] Velikii vozhd' i drug trudiashchikhsia; rekomendatel'nyi ukazatel' literatury, dlia iunogo chitatelia. Leningrad, 1959. 30 p.

LENINGRAD. UNIVERSITET. [V. I. Lenin, the creator of the Communist Party and the Soviet state] V. I. Lenin — sozdatel' Kommunisticheskoi partii i Sovetskogo gosudarstva. [Leningrad] 1960. 254 p.

LOZGACHEV-ELIZAROV, G. IA. [Unforgettable days] Nezabyvaemoe. [illegible] knizhnoe izd-vo, 1960. 235 p.

LUNACHARSKII, A. V. [Articles and addresses on problems of international politics] Stat'i i rechi po voprosam mezhdunarodnoi politiki. Moskva, Sotsekgiz, 1959. [illegible] (Bibliotechka vneshnei politiki)
(MH)

MAGOMEDOV, R. M. [Chronology of the history of Daghestan] Khronologiia istorii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 100 p.

MARIVKA, N. A. [Ivan Franko People's friend, 13 recollections of the writer] [illegible] Ivan Franko, 13 spohadiv [illegible] L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 125 p.

MA[illegible], V. M. [Ancient [illegible]] [illegible] Ashgabat, Turkmenistan [illegible], 1959. 41 p. (In Turkmen)

MNATSAKANIAN, A. N. [illegible] Erevan, [illegible], 1959. 450 p.
(MH)

MOSCOW. INSTITUT ISTORII PARTII. [The Moscow [illegible]] [illegible] Moskva [illegible], 1960. 201 p.

MOSCOW. INSTITUT ISTORII PARTII. [illegible] [Moskva] Mosk. rabochii, 1960. 16 p.

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [History of the civil war in the U.S.S.R., 1917-1922] Istoriia grazhdanskoi voiny v SSSR, 1917-1922. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 4. [The decisive victories of the Red Army over the united forces of the Entente and the internal counterrevolution] Reshaiushchie pobedy Krasnoi Armii nad ob"edinennymi silami Antanty i vnutrennei kontrrevoliutsii (mart 1919 g. – fevral' 1920 g.) 1959. 440 p.

MUHAVSKY, A. M., and A. A. KHRIAKOV. [The party and [illegible] the large-scale building of communism] [illegible] Leningrad, [illegible] 1959. 40 p.

NAROCHNITSKAIA, L. I. [Russia and the wars of Prussia in the 1860's for the unification of Germany "from above"] Rossiia i voiny Prussii v 60-kh godakh XIX v. za ob"edinenie Germanii "sverkhu". Moskva, Izd-vo Akad. nauk SSSR, 1960. 346 p.

NAUMOV, V. P. [Problems of the history of Soviet [illegible] in the works of V. I. Lenin, 1917-1923] Voprosy istorii [illegible] v trudakh V. I. Lenina, 1917-1923 gg. Moskva, Izd-vo "Znanie," 1960. 49 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 13)

NIKOLAEV, P. P. [Struggle against [illegible] in the [illegible] of Kirghizia] [illegible] Frunze, Kirgizskoe gos. izd-vo, 1957. 134 p.

NOGAIBEV, G. B. [illegible] "Tep" [illegible], 1951. [illegible]
(MH)

NITOBURG, E. L. [Cuba in the struggle for independence] Kuba v bor'be za nezavisimost'. Moskva, Izd-vo "Znanie," 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 19)

NORTH, JOSEPH. [Cuba's Revolution; I saw the people's victory. Translated from the English. Preface by K. M. Obyden] Kubinskaia revoliutsiia, ia videl pobedu naroda. Moskva, Izd-vo inostr. lit-ry, 1960. 42 p.

OGAREVA, N. A. (TUCHKOVA) [Reminiscences] Vospominaniia. [Moskva] Goslitizdat, 1959. 381 p. (Seriia literaturnykh memuarov)
(MH)

[ON THE TIBETIAN QUESTION] O Tibetskom voprose. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 206 p.

POPOV, I. P. [Problems of culture in lessons on the history of the U.S.S.R. in grades 8 to 10] Voprosy kul'tury na urokakh istorii SSSR v VIII–X klassakh, iz opyta raboty. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 107 p., illus.

[REMINISCING ABOUT FORMER CAMPAIGNS] Vspominaia bylye pokhody, sbornik vospominanii veteranov Volzhskoi voennoi flotilii. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 293 p.

RODIN, A. F. [Extracurricular reading on history in grades 5-7] Vneklassnoe chtenie po istorii v V–VII klassakh. Pod red. S. D. Skazkina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 215 p.

ROSSIISKAIA SOTSIAL-DEMOKRATICHESKAIA RABOCHAIA PARTIIA. Samarskii komitet. [Leaflets and proclamations of the Samara Committee of the Russian Social Democratic Party] Listovki i proklamatsii Samarskogo komiteta RSDRP(b) 1902-1917. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 651 p.
(MH)

ROSTOVSKII, S. N. [Workers' and national liberation movement in countries of southeastern Asia after the Second World War (Burma, Malaya, Indonesia)] Rabochee i natsional'no-osvoboditel'noe dvizhenie v stranakh Iugo-Vostochnoi Azii posle Vtoroi Mirovoi voiny (Birma, Malaia, Indoneziia). Moskva, Izd-vo VPSh i AON, 1959. 109 p.
(NNC)

SEMASHKO, N. A. [Unforgettable figure] Nezabyvaemyi obraz. Moskva, Gos. izd-vo polit. lit-ry, 1959. 15 p.

SEMENOV, V. M. [Places in London associated with Lenin] Po leninskim mestam v Londone. Moskva, Gos. izd-vo polit. lit-ry, 1960. 62 p.

SHÁHVALI. [My memoirs, translated from the Persian] Moi vospominaniia. Moskva, Izd-vo inostr. lit-ry, 1960. 189 p.

SHAPA, I. A. [Hero of the Far Eastern Perekop] Geroi Dal'nevostochnogo Perekopa. Vladivostok, Primorskoe knizhnoe izd-vo, 1959. 70 p.

SHARYPINA, P. T. [In the days of the blockade, notes of a political organizer] V dni blokady; zapiski politorganizatora. Leningrad, Gos. izd-vo detskoi lit-ry, 1960. 102 p.
(CSt-H)

SHEVCHENKO, F. P. [Political and economic relations of the Ukraine with Russia in the middle of the 17th century] Politychni ta ekonomichni zv'iazky Ukrainy z Rosiieiu v seredyni XVII st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 499 p.

SHEVTSOV, L. D. [Special assignment, reminiscences on the activity of Black Sea guerillas in 1919-1920] Osoboe zadanie; vospominaniia o deiatel'nosti Prichernomorskikh partizan v 1919-1920 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 110 p.

SHKVARKO, IVAN. [I accuse!; the diary of an Ukrainian political prisoner] Proklinaiu!, z shchodennyka ukrains'koho polity'iaznia. [Munchen] "Dniprova khvylia," 1953. 215 p.
(InU)

SHLEPAKOV, A. M. [Race and national discrimination in the U.S.A.] Rasova i natsional'na dyskryminatsiia v SShA. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 5)

SHLEPAKOV, A. M. [The Ukraine in the plans of international reaction on the eve of the Second World War] Ukraina v planakh mizhnarodnoi reaktsii naperedodni Druhoi Svitovoi viiny. Kyiv, Derzhpolitvydav URSR, 1959. 61 p.
(MH)

[SIBERIAN VOLUNTEERS, a collection] Sibirskaia dobrovol'cheskaia; sbornik. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 305 p.
(NNC)

SIDORENKO, S. A. [Origin of the Russian people and the growth of its culture] Obrazovanie velikorusskoi narodnosti i razvitie ee kul'tury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 32 p.

SKOROKHODOV, V. P. [History of the partisan movement in Eastern Siberia; the groups of N. A. Burlov and N. A. Kalandarashvili] Iz istorii partizanskoi bor'by v Vostochnoi Sibiri. Otriady N. A. Burlova i N. A. Kalandarashvili. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 39 p. (Seriia: Pamiatniki rasskazyvaiut)
[MICROFILM]

[SOLDIER OF THE REVOLUTION, recollections about V. I. Kikvidze, a hero of the civil war] Soldat revoliutsii vospominaniia o geroe grazhdanskoi voiny V. I. Kikvidze. Moskva, Gos. izd-vo polit. lit-ry, 1959. 63 p.

TARASENKO, A. A. [Living word of Lenin] Zhivoe slovo Lenina. Moskva, Gos. izd-vo polit. lit-ry, 1959. 109 p. (Bibliotechka propagandista)

TARASOV, S. P. [Battle near the Lake Balaton, military and historical essay] Boi u ozera Balaton, voenno-istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 92 p.

TEL'PUKHOVSKII, B. S. [World wide historical significance of the victory of the U.S.S.R. in the Great Patriotic War] Vsemirno istoricheskoe znachenie pobedy SSSR v Velikoi Otechestvennoi voine. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 14)

[THROUGH THE KREMLIN, concise guidebook] Po Kremliu, kratkii putevoditel'. Izd. 2., dop. [Moskva] Mosk. rabochii, 1960. 303 p.

[THROUGH THE ROOMS OF THE V. I. LENIN CENTRAL MUSEUM; concise guidebook] Po zalam Tsentral'nogo muzeia V. I. Lenina, kratkii putevoditel'. Moskva, Gos. izd-vo polit. lit-ry, 1960. 143 p.

TIABUT, D. V. [Way to victory] Put' k pobede. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 93 p.

TITOV, A. F. [Road of friendship; a partisan's notebook] Doroga druzhby, zapiski partizana. Minsk, Gos. izd-vo BSSR, 1958. 260 p.
(NN)

TOTOEV, M. S. [Outline history of revolutionary movement in Northern Ossetia, 1917-1920] Ocherk istorii revoliutsionnogo dvizheniia v Severnoi Osetii, 1917-1920 gg. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1957. 170 p.

TRUKHANOVSKII, V. G., ed. [Against falsification of history; a collection of articles] Protiv fal'sifikatsii istorii, sbornik statei. Moskva, Sotsekgiz, 1959. 416 p.
(MH)

UGRIUMOV, A. L. [Communist Party in the struggle to restore and develop the national economy in the postwar period, 1945-1953] Kommunisticheskaia partiia v bor'be za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennyi period, 1945-1953 gody. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 11)

ULYMZHIEV, D. B. [Mongolian People's Republic builds communism] Mongol'skaia Narodnaia Respublika stroit sotsializm. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 108 p.
(DS)

VAUPSHASOV, S. A. [Chronicle of guerrilla activities] Partizanskaia khronika. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 470 p.

VINNITSA, (Province). Gosudarstvennyi arkhiv. [Podolia during the reconstruction of the national economy, 1921-1925; collected documents and materials] Podillia v period vidbudovy narodnoho hospodarstva, 1921-1925 rr.; zbirnyk dokumentiv i materialiv. Red. kol. I. O. Pahuk i dr. Vinnitsia, 1957. 624 p.

VIRSHOLIS, A. M. [Path of heroes. Translated from the Lithuanian] Put' geroev. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 190 p.

VOSKRESENSKII, KONSTANTIN, comp. [Concise Russian history in sketches and biographies, with many portraits and other pictures] Kratkaia russkaia istoriia v ocherkakh i biografiiakh, so mnogimi portretami i drugimi risunkami. Izd. 2e. Jordanville, Holy Trinity Monastery, 1958. 96 p.
(CU)

ZAPOROZHETS, N.I. [A study of the theme "The establishment of feudalism in Europe" in a course on medieval history] Izuchenie temy "Ustanovlenie feodal'nogo stroia v Evrope" v kurse istorii srednikh vekov. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 140 p. (Iz opyta uchitelia)

5. SOCIAL SCIENCES

AGAIAN, TS. P., S. V. KHARMANDARIAN, and G. A. AVETISIAN. [The Armenian S. S. R.] Armianskaia SSR. Moskva, Izd-vo Akad nauk SSSR, 1960. 71 p. (Nauchno-populiarnaia seriia)

AIOLLO, M G. [Collection of accounting exercises] Sbornik uprazhnenii po bukhgalterskomu uchetu. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 333 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Economic effectiveness of capital investments and new technology] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i novoi tekhniki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 614 p.

AKADEMIIA NAUK SSSR. Institut nauchnoi informatsii. [Development of the national economy of the German Democratic Republic] Razvitie narodnogo khoziaistva Germanskoi Demokraticheskoi Respubliki. Moskva, Proizvodstvenno-izdatel'skii kombinat VINITI, 1959. 906 p.

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Problems of demographic statistics; collection of articles] Problemy demograficheskoi statistiki; sbornik statei. Pod red. V.S. Nemchinova. Moskva, Gos. stat. izd-vo, 1959. 391 p.

ALEKSANDROV, A.M. [Finance in the socialist production of the means of production] Finansy v sotsialisticheskom vosproizvodstve. Moskva, Gosfinizdat, 1959. 142 p.

ALEKSANDROV, F. [Department stores and shops of Moscow] Univermagi i magaziny Moskvy. [Moskva] Mosk. rabochii, 1960. 214 p.

ANDREEV, A.K., and I.V. LEVCHUK. [Differential credit and payment system; from the work practice of State Bank branches in Ryazan Province] Differentsirovannyi rezhim kreditovaniia i raschetov; iz opyta raboty uchrezhdenii Gosbanka Riazanskoi oblasti. Moskva, Gosfinizdat, 1959. 51 p.

ANDREEV, V.A. [Figures relate] TSifry rasskazyvaiut. Moskva, Izd-vo VTsSPS, Profizdat, 1959. 125 p. (Massovaia biblioteka rabochego)

BAKANOV, M.I., and S.K. TATUR, eds. [Course in the analysis of administrative operation] Kurs analiza khoziaistvennoi deiatel'nosti. Moskva, Gosfinizdat, 1959. 480 p.

BATYREV, V.M. [Currency circulation in the U.S.S.R.; problems in theory, organization and planning] Denezhnoe obrashchenie v SSSR; voprosy teorii, organizatsii i planirovaniia. Moskva, Gosfinizdat, 1959. 379 p.

K., and others. [Analysis of the ad-
perations of industrial enterprises]
stvennoi deiatel'nosti promyshlennykh
loskva, Gosfinizdat, 1960. 154 p.

itate plan and balance sheet of the
y of the U.S.S.R.] Gosudarstvennyi
odnogo khoziaistva SSSR. Moskva,
10. 88 p. (V [illegible] konomistu

BEZYMENSKII, L. A. [West of the Elbe, sketches on West Germany] K zapadu ot El'by; ocherki o Zapadnoi Germanii. Moskva, Gos.izd vo polit. lit-ry, 1960. 102 p.

BLANK, G.IA. [Planning managerial operations of the union of cooperative societies] Planirovanie khoziaistvennoi deiatel'nosti potrebsoiuzov. Moskva, Izd-vo TSentrosoiuza, 1959. 371 p.

BOGACHEVSKII, M B., and others. [Financing and crediting of the consumers' cooperative societies of the U. S. S. R.] Finansirovanie i kreditovanie potrebitel'skoi kooperatsii SSSR; uchebnik dlia vuzov. Moskva, Izd-vo TSentrosoiuza, 1959. 465 p

BOGIN, L. M., and IU. V. ZHUKOV. [Retail furniture prices] Roznichnye tseny na mebel'. Pod red. A. T. Kuznetsova i Sh IA. Turetskogo. Moskva, Gos. izd vo torg. lit-ry, 1960 71 p.

BRIUKHOV, B. F. [Economy of Kirov Province and prospects for its future development] Ekonomika Kirovskoi oblasti i perspektivy ee razvitiia. [Kirov] Kirovskoe knizhnoe izd-vo, 1959. 68 p.

BUCHWITZ, OTTO. [Fifty years in the German labor movement] 50 let funktsionerom germanskogo rabochego dvizheniia. Moskva, Gos.izd vo polit. lit ry, 1959. 141 p.

BUDENNYI, S. M. [Indissoluble union] Nerushimyi soiuz [Moskva] Izd-vo VTsSPS Profizdat, 1960. 134 p. (Massovaia biblioteka rabochego)

BUI KONG-CHYNG. [Northern Vietnam on the path to building socialism] Severnyi V'etnam na puti postroeniia sotsializma. Moskva, Izd vo sotsial'no ekon. lit-ry, 1959. 175 p.

BULATOV, I. G. [Cooperation and its role in the preparation of massive collectivization] Kooperatsiia i ee rol' v podgotovke sploshnoi kollektivizatsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 109 p.

BUNKINA, M. K. [The law of the uneven development of capitalist countries, materials for a lecture on economics] Zakon neravnomernosti razvitiia kapitalizma, materialy lektsii po politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 98 p. (Materialy k lektsiiam po politicheskoi ekonomii)

CHANGLI, I. I. [Socialist competition and new forms of communist labor] Sotsialisticheskoe sorevnovanie i novye formy kommunisticheskogo truda. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 182 p.

CHIBIROV, KH. T. [Northern Ossetia in the fraternal family of U. S. S. R. peoples] Severnaia Osetiia v bratskoi sem'e narodov SSSR. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1959. 46 p.

CHUMAK, A. A. [Red corner of a shop] Krasnyi ugolok tsekha. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 68 p.

CHUVIKOV, P. A. [In peaceful competition] V mirnom sorevnovanii. Moskva, Izd-vo sotsial'no ekon. lit-ry, 1960. 40 p.

[CITIES THAT WERE NOT ON THE MAP] Goroda, kotorykh ne bylo na karte. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 370 p.

[COLLECTION OF RESOLUTIONS OF CONGRESSES OF REPRESENTATIVES OF CONSUMERS' COOPERATIVE SOCIETIES OF THE U.S.S.R., MEETINGS OF THE COUNCIL AND THE ADMINISTRATIVE BOARD OF THE THE CENTRAL UNION FOR THE MAINTENANCE OF COOPERATIVE PROPERTY] Sbornik postanovlenii s"ezdov upolnomochennykh potrebitel'skoi kooperatsii SSSR, sobranii Soveta i pravleniia TSentrosoiuza o sokhrannosti kooperativnoi sobstvennosti. Moskva, Izd-vo TSentrosoiuza, 1959. 205 p.

[CULTURE IN EVERYDAY LIFE] Za kul'turu byta. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 87 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 2)

DEMCHENKO, A. M., and I. P. KOCHEEV. [In the land of blue valleys] V kraiu golubykh dolin. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 61 p.

DEMENT'EV, N.V. [Our people maintain law and order] Obshchestvennyi poriadok okhraniaetsia narodom. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 37 p.

DUDEL', S.P. [Dialectical transition from socialism to communism] Dialektika pererastaniia sotsializma v kommunizm. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.2, Filosofiia, no. 9)

[ECONOMIC DEVELOPMENT OF CZECHOSLOVAKIA FROM 1918 THROUGH 1958. Translated from the Czech] Ekonomicheskoe razvitie [illegible] 1918-1958 gg. Red. IU. P. [illegible]. Moskva, Izd-vo inostr. lit-ry, 1959. [illegible] p.

FEDOTOV, V. P. [V. I. Lenin and historical materialists of the late 19th and the early 20th century] V. I. Lenin i istoricheskie materialisty kontsa XIX [illegible] XX vv. [Leningrad] Izd-vo Leningr. univ. 1959. 150 p.

FOSTER, WILLIAM Z. [History of the three Internationals, the world socialist and communist movement from 1848 to the present. Translated from English] Istoriia trekh Internatsionalov; [illegible] sotsialisticheskoe i kommunisticheskoe dvizhenie s 1848 goda do nastoiashchego vremeni. Moskva, Gos. izd vo polit. lit-ry, 1959. [illegible] p.

FUCHS, JAIME. [The penetration of American trusts into Argentina. Translated from the Spanish [illegible] by G. Gonionskii] Proniknovenie amerikanskikh trestov v Argentinu. Red. IU. V. [illegible]. Moskva, Izd-vo inostr. lit-ry, 1959. [illegible] p.

FURAEV, V. K. [International significance of the seven-year plan] Mezhdunarodnoe znachenie semiletnego plana. [Leningrad] Lenizdat, 1959. 45 p.

GAGANOVA, V. I. [Not for the sake of profit] Ne radi korysti. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 85 p.

GARAUDY, ROGER. [Marxist humanism, five polemical essays. Translated from the French. Preface by M. T. Iovchuk] Marksistskii gumanizm, piat' [illegible]. Moskva, Izd-vo inostr. lit-ry, 1959. [illegible] p.

GOMEZ, JUAN. [Agrarian problem in Spain; report of the Political Bureau at the [illegible] of the Central Committee of the Communist Party of Spain, September, 1957. Translated from the Spanish] Agrarnaia problema v Ispanii; doklad Politbiuro na III plenume TsK Kompartii Ispanii, sentiabr' 1957 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 108 p.

GORELOV, V. I., and P. D. KUDRIN. [[illegible] Valley] Povolzh'e. Moskva, Izd-vo VPSh i AON, TsK KPSS, 1959. 39 p.

GORIANOV, S. KH., and others. [[illegible] establishing norms, wages and the planning at enterprises of the U. S. S. R. [illegible]] [illegible] truda, [illegible] planirovanie truda na [illegible]. Pod red. A. A. Kudriavtseva. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 208 p.

GURVICH, IA. B. [Drunkenness destroys a man] P'ianstvo gubit cheloveka. Izd. 2., [illegible]. Moskva, Izd-vo "Znanie," 1959. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii)

GUSEVA, Z. A. [Bright career of the working women] Svetlyi put' rabotnitsy. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 61 p. (Massovaia biblioteka rabochego)

HAL'PERIN, M. Z. [Organization of smooth and rhythmic work in industrial enterprises] Orhanizatsiia rivnomirnoi i rytmichnoi roboty promyslovykh pidpryiemstv. Kyiv, 1960. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.3, no.4)

HARROD, R. F. [On the theory of economic dynamics, new deductions from economic theory and their application in economic policy. Translated from the English. Preface by IU. IA. Ol'sevich] K teorii ekonomicheskoi dinamiki; novye vyvody ekonomicheskoi teorii i ikh primenenie v ekonomicheskoi politike. Moskva, Izd-vo inostr. lit-ry, 1959. 210 p.

[HISTORY OF SOVIET GOVERNMENT STATISTICS; collection of articles] Istoriia sovetskoi gosudarstvennoi statistiki, sbornik statei. Moskva, Gos. stat. izd-vo, 1960. 430 p.

[HOW TO GET A PENSION IN THE CASE OF LOSS OF A PROVIDER] Kak poluchit' pensiiu po sluchaiu poteri kormil'tsa. [Moskva] Mosk. rabochii, 1960. [illegible] p.

IRKUTSK. Gorodskaia telefonnaia set'. [List of subscribers to the Irkutsk city telephone system] Spisok abonentov Irkutskoi gorodskoi telefonnoi seti. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 213 p.
[MICROFILM]

IVANOV, V.F. [History of Russian masonry] Istoriia russkogo masonstva. [Argentine. Izd-vo "Rus'," n.d.] 2 v.
(IEN)

KADYSHEV, L.A. [State budget, credit and currency circulation under socialism] Gosudarstvennyi biudzhet, kredit i denezhnoe obrashchenie pri sotsializme. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 58 p. (Politicheskaia ekonomiia)

KAFTANOVSKAIA, A.M., and R.Z. LIVSHITS. [Labor discipline in the U.S.S.R.] Distsiplina truda v SSSR. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 79 p.

KAMAEV, V.D. [Capital exports; materials on a course in political economy] Vyvoz kapitala, materialy k lektsii po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 43 p. (Lektsii po politicheskoi ekonomii)

KARGAL'TSEVA, E.S. [Lenin's plan for the construction of socialism and communism in the U.S.S.R., lectures] Leninskii plan postroeniia sotsializma i kommunizma v SSSR, lektsii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS. Kafedra istorii KPSS, 1959. 117 p. (Istoriia KPSS)
(MH)

KARIMOV, KH., IU. LAVRIKOV, and R. PERSIANOV. [Economy of Leningrad in the seven-year plan] Ekonomika Leningrada v semiletke. [Leningrad] Lenizdat, 1959. 90 p.

KARIMOV, KH., V. KUZ'MIN, and V. OL'SHANSKII. [For the good of the Soviet people] Na blago sovetskikh liudei. [Leningrad] Lenizdat, 1959. 113 p.

KHARKOV. Gorodskaia telefonnaia set'. [List of subscribers to the Kharkov city telephone system] Spisok abonentov Khar'kovskoi gorodskoi telefonnoi seti. [Khar'kov] Khar'kovskoe obl. izd-vo, 1958. 270 p.
[MICROFILM]

KHMEL'NITSKAIA, E.L. [Monopolistic capitalism in West Germany] Monopolisticheskii kapitalizm Zapadnoi Germanii. Moskva, Izd-vo IMO, 1959. 353 p.

KHOTINSKII E.S. [Course in organic chemistry] Kurs organicheskoi khimii. Izd. 4., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 723 p.

KHRAMKOV, I.P. [Resources of Kustanay Province] Bogatstva Kustanaiskoi oblasti. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 42 p.
(MH)

KHROMUSHIN, G.B. [Criticism of revisionist theories in economics] Kritika revizionizma v politicheskoi ekonomii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 14)

KHRUSHCHEV, N.S. [Speeches in Tula and Stalinogorsk. February 16-18, 1959] Rechi v Tule i Stalinogorske, 16-18 fevr. 1959 g. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 45 p.
(MH)

KHUDUSHIN, F.S. [On ways for overcoming current differences between physical and mental labor] Pro shliakhy podolannia istotnykh vidminnostei mizh fizychnoiu i rozumovoiu pratseiu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 95 p.

KODZHEIKOV, DRAGOI, VESELIN KHADZHINIKOLOV, and IAROSLAV IOTSOV. [Labor and trade union movement in Bulgaria. Translated from Bulgarian] Rabochee i profsoiuznoe dvizhenie v Bolgarii. Pod red. M. Pozolotina. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 310 p.

KOLESSA, P.A. [Soviet youth finds its happiness in industrious work] V pratsi - shchastia radians'koi molodi. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 4)

KOMMUNISTICHESKAIA PARTIIA GRUZII. TSentral'nyi Komitet. [Report of the Central Committee of the Communist Party of Georgia at the 18th Congress; V.P. Mzhavanadze's report. Resolution of the 18th Congress of the Communist Party of Georgia on the report of the Central Committee] Otchet TSentral'nogo Komiteta KP Gruzii XVIII s"ezdu; doklad V.P. Mzhavanadze. Rezoliutsiia XVIII s"ezda KP Gruzii po otchetnomu dokladu TSentral'nogo Komiteta. Tbilisi, Izd-vo TsK KP Gruzii, 1958. 70 p.
(NNC)

KOMMUNISTICHESKAIA PARTIIA UKRAINY. 20. s"ezd, Kiev, 1959. [Abstracts from Comrade N.S. Khrushchev's report at the 21st Congress of the CPSU "Target figures for the development of the national economy of the U.S.S.R. from 1959 to 1965", and the tasks of the Communist Party of the Ukraine. Resolution of the 20th Congress of the Communist Party of the Ukraine on N.V. Podgornii's report, adopted January 17, 1959. Report of N.N. Podgornii at the 20th Congress of the Communist Party of the Ukraine, January 16, 1959] Tezisy doklada tovarishcha N.S. Khrushcheva na XXI s"ezde KPSS "Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody" i zadachi Kommunisticheskoi partii Ukrainy. Rezoliutsiia XX s"ezda Kommunisticheskoi partii Ukrainy po dokladu N.V. Podgornogo, priniataia 17 ianvaria 1959 goda. Doklad N.V. Podgornogo na XX s"ezde Kommunisticheskoi partii Ukrainy 16 ianvaria 1959 god. Kiev, Gos. izd-vo polit. lit-ry USSR, 1959. 78 p.

KOPYTOV, P.A. [Commercial and business correspondence] Korrespondentsiia i deloproizvodstvo. Moskva, Izd-vo TSentrosoiuza, 1959. 151 p.

KORBOV, M.M. [Let's lower production costs] Snizhaem sebestoimost' produktsii. [Moskva] Profizdat, 1958. 32 p.
(IU)

KRULIKOVSKAIA, V.P., P.T. KISELEVA, and A.I. GORBUNOV. [Planning the government social insurance budget, textbook for workers of trade union councils, trade union province committees and factory and plant local committees] Planirovanie biudzheta gosudarstvennogo sotsial'nogo strakhovaniia, posobie dlia rabotnikov sovprofov, obkomov profsoiuzov i FZMK. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 158 p.

KUBLITSKII, G.I. [Motorships sail from Moscow to Leningrad] Teplokhody idut iz Moskvy v Leningrad. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 93 p.

KUZ'MIN, V.M. [Urgent objectives of trade-union organizations] Nevidkladni zavdannia profspilkovoi organizatsii. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 19 p.

LENIN, V.I. [Abstracts of "Correspondence between K. Marx and F. Engels, 1844-1883"] Konspekt "Perepiski K. Marksa i F. Engel'sa, 1844-1883 gg." Moskva, Gos. izd-vo polit. lit-ry, 1959. 451 p.

LENIN, V.I. ["Left-wing communism," an infantile disorder] Detskaia bolezn' "levizny" v kommunizme. Moskva, Gos. izd-vo polit. lit-ry, 1959. 100 p. (Bibliotechka po nauchnomu sotsializmu)

LENIN, V.I. [Proletarian revolution and the renegade Kautsky] Proletarskaia revoliutsiia i renegat Kautskii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 109 p. (Bibliotechka po nauchnomu sotsializmu, no. 21)

LEVCHENKO, S.V., A.I. ZUBKOV, and B.B. GORIZONTOV. [Industrial development of Krasnoyarsk Territory; popular scientific study] Problemy promyshlennogo razvitiia Krasnoiarskogo kraia; nauchno-populiarnyi ocherk. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1958. 170 p.
[MICROFILM]

LIUBIMOVA, S.T. [Fiftieth anniversary of International Woman's Day] 50 [Piatidesiati]-letie mezhdunarodnogo zhenskogo dnia. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 2)
(MH)

MACPHILLIPS, JACK. [Punitive measures are the weapons used against trade unions and wages. Translated from the English. Preface by B. Dorofeev] Karatel'nye mery - oruzhie protiv profsoiuzov i zarplaty. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 46 p.

MALININ, S.M., and A.M. PAPOU. [National economy of the White Russian S.S.R. during the seven-year plan] Narodnaia haspadarka Belaruskai SSR u siamihodky. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1959. 80 p.

[MANUAL FOR CLASSIFICATION AND QUALIFICATIONS FOR OPERATIONS AND OCCUPATIONS IN LOGGING, LOG-RAFTING, AND TREE-TAPPING] Tarifno-kvalifikatsionnyi spravochnik rabot i professii rabochikh na lesozagotovkakh, lesosplave i podsochke lesa. Moskva, Goslesbumizdat, 1960. 145 p.

MARCHENKO, I.E. [Agrarian reforms in White Russia in 1917-1918] Agrarnye preobrazovaniia v Belorussii v 1917-1918 gg. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 180 p.

MARKELOV, N.V., E.D. ROMANTSOV, and P.K. SEMENOV. [Fundamentals of auditing the managerial operations of cooperative society organizations] Osnovy revizii khoziaistvennoi deiatel'nosti organizatsii potrebitel'skoi kooperatsii. Izd. 2., ispr. i do[p.] Moskva, Izd-vo TSentrosoiuza, 1959. 207 p.

MEDVEDEV, V.A. [Paths of the development and rapprochement of public collective farm forms of property] Puti razvitiia sblizheniia kolkhoznoi i obshchenarodnoi form sobstvennosti. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 42 p.

MEEROVICH, G.M., and N.S. SHUMOV. [Financial organization in an industrial enterprise; based on materials of textile industry enterprises] Organizatsiia finansov na promyshlennom predpriiatii; po materialam predpriiatii tekstil'noi promyshlennosti. Moskva, Gosfinizdat, 1960. 100 p.

MENDEL'SON, L.A. [Theory and history of economic crisis and cycles] Teoriia i istoriia ekonomicheskikh krizisov i tsiklov. Izd. 2., perer. i dop. knigi "Ekonomicheskie krizisy i tsikly XIX veka." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 766 p.

MIKHEEV, N.K. [Decisive condition for the victory of communism; the 21st Congress of the CPSU on the significance of increasing labor productivity in our society] Reshaiushchee uslovie pobedy kommunizma; XXI s"ezd KPSS o znachenii rosta proizvoditel'nosti obshchestvennogo truda. Simferopol', Krymizdat, 1959. 100 p.

MINSK. UNIVERSITET. [Collected articles on economics] Sbornik statei po politekonomii. Minsk, Izd-vo Belgosuniv. im. V.I. Lenina, 1959. 170 p.

MIRONAU, I.V., and A.I. ZHAUNERCHYK. [Major construction work in the White Russian S.S.R. during the seven-year plan] Kapital'nae budaunitstva u Belaruskai SSR u siamihodky. Minsk, Dziarzh. vyd-va BSSR, Red. masava-palit. lit-ry, 1959. 43 p.

[MODERN EQUIPMENT SHOULD SERVE THE SEVEN YEAR PLAN] Peredovaia tekhnika-na sluzhbu semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1960. 1 v. (Nagliadnye posobiia dlia agitatorov)

MOKHOV, N.I. [Capital and surplus value. Fundamental economic law of capitalism; lecture on a course in political economy] Kapital i pribavochnaia stoimost'. Osnovnoi ekonomicheskii zakon kapitalizma; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 34 p.

[MONOPOLISTIC CAPITALISM AND IMPERIALISM, from a lecture course in economics] Monopolisticheskii kapitalizm - imperializm, iz kursa lektsii po politicheskoi ekonomii. [Moskva] Izd-vo Mosk. univ., 1958. 166 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [General laws of the transition to socialism and the characteristics of their manifestion in various countries] Obshchie zakonomernosti perekhoda k sotsializmu i osobennosti ikh proiavleniia v raznykh stranakh. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 234 p.

MOSCOW. INSTITUT ISTORII PARTII. [At source of communist labor] U istokov kommunisticheskogo truda. Pod red. G.D. Kostomarova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 207 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Fifteen years of free Hungary] 15 let svobodnoi Vengrii. Moskva, Izd-vo IMO, 1960. 191 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Problems of foreign trade] Voprosy vneshnei torgovli. Moskva, Izd-vo IMO, 1960. 195 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KON"IUNKTURNYI INSTITUT. [Prices of the capitalistic world market; handbook, 1950-1958] TSeny mirovogo kapitalisticheskogo rynka; spravochnik, 1950-1958 gg. Moskva, Vneshtorgizdat, 1960. 250 p.

MOSCOW. UNIVERSITET. [Problems of political economy] Voprosy politicheskoi ekonomii. Pod red. N.A. TSagolova i N.V. Khessina. [Moskva] 1960. 278 p.

MUSTAFINA, F.KH. [In the family of equal nations] V sem'e ravnopravnykh narodov. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 53 p., illus.

NEMCHINOV, V.S., ed. [Application of mathematics in economic research] Primenenie matematiki v ekonomicheskikh issledovaniiakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 485 p.

A 5

NEMIROVSKII, E. L., G. I. REBROVA, and S. M. SAVINKOV. [Work conditions and the wage system in forestry, a manual for workers, engineers and technicians, accounting personnel, and guards of working circles and groups] Usloviia truda i sistemy zarabotnoi platy v lesnom khoziaistve, posobie dlia rabochikh inzhenerno-tekhnicheskikh rabotnikov, schetnogo personala i rabotnikov lesnoi okhrany leskhozov i lesnichestv. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 346 p.

NIKOLAEV, B. S. [Time and pace] Vremia i tempy. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 44 p.

NIKOLENKO, D. F. [Love for one's occupation is the way to mastery] Liubov do profesii - shliakh do maisternosti Kyiv, 1960. 46 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 1)

OMAROV, ALIM. [It is important for you to know this, the economics of industrial enterprises] Tebe eto vazhno znat', ob ekonomike promyshlennogo predpriiatiia. [Moskva] Molodaia gvardiia, 1958. 119 p.
(NNC)

PALKIN, A. K. [River transportation in the Russian Federation during the seven-year period] Rechnoi transport Rossiiskoi Federatsii v semiletii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 36 p.

[THE PARTY LEADS US TO COMMUNISM] Partiia nas k kommunizmu vedet. [Moskva] Gospolitizdat, 1959. 34 l. (In portfolio)

PASHKOV, A. I. [V. I. Lenin's economics works of the nineties] Ekonomicheskie raboty V. I. Lenina 90-kh godov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 507 p.

PATOLICHEV, N.S. [Contributions toward the development of trade relations between the U.S.S.R. and the U.S.A.; a talk by the Minister of Foreign Commerce of the U.S.S.R., N.S. Patolichev, with a reporter for "Pravda"] K razvitiiu torgovykh otnoshenii mezhdu SSSR i SShA; beseda M-ra vneshnei torgovli SSSR N.S. Patolicheva s korrespondentom gazety "Pravda." [Moskva, Vneshtorgizdat] 1959. 7 p.
(CLU)

PERLO, VICTOR. [Empire of high finance. Translated from the English] Imperiia finansovykh magnatov. Moskva, Izd-vo inostr. lit-ry, 1958. 540 p.
(NN)

PERSHIN, P.N. [Sketches of the agrarian revolution in Russia] Narysy agrarnoi revoliutsii v Rosii. Kyiv, Akad. nauk, In-t ekonomiky, 1959. 419 p.
(MH)

PERVUSHIN, S. P. [Some problems relating to the transition from socialism to communism] Nekotorye problemy perekhoda ot sotsializma k kommunizmu. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 156 p.

PODZERKO, V. A. [Twelfth Congress of Soviet Trade Unions] XII s"ezd sovetskikh profsoiuzov. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 70 p. (Bibliotechka profsoiuznykh s"ezdov)

PONOMARENKO, N.I. [Economic significance of bringing virgin and waste lands under cultivation in Kazakhstan] Narodnokhoziaistvennoe znachenie osvoeniia tselinnykh i zalezhnykh zemel' v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 35 p.
(DA)

PRONIN, P.I., and G.N. FOMINOV. [Fifteen years of People's Democratic Czechoslovakia] 15 let Narodno-Demokraticheskoi Chekhoslovakii. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 9)

PUSHKASH, A.I. [Struggle for agrarian reforms in Hungary during the period from 1944 to 1948] Bor'ba za agrarnye preobrazovaniia v Vengrii, 1944-1948 gg. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 310 p.

ROSGLAVNEFTESNABSBYT. [Reference book on labor and wages for petroleum workers] Spravochnik po trudu i zarabotnoi plate dlia rabotnikov neftebaz. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 222 p.

ROZHDESTVENSKII, I. D. [Heroic territory] Bogatyrskii krai. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 148 p. (Massovaia biblioteka rabochego)

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia [Regulations for railroad transportation of passengers and freight in the U.S.S.R., Rates manual no. 5, effective as of April 1, 1955] Pravila perevozok passazhirov i bagazha po zheleznym dorogam Soiuza SSR, tarifnoe rukovodstvo no. 5. Vvedeny v deistvie s 1 aprelia 1955 g. Izd. 3., ispr. i dop. soglasno sbornikam pravil perevozok i tarifov zheleznodorozhnogo transporta po no. 99 vkliuchitel'no. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 167 p.

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Educational level, national composition, age structure and distribution of U.S.S.R. population by republics, territories and provinces based on the 1959 all-Union population census] Uroven' obrazovaniia, natsional'nyi sostav, vozrastnaia struktura i razmeshchenie naseleniia SSSR po respublikam, kraiam i oblastiam po dannym Vsesoiuznoi perepisi naseleniia 1959 goda. Moskva, Gosstatizdat TsSU SSSR, 1960. 37 p.

RUSSIA (1923- U.S.S.R.) Tsentral'noe statisticheskoe upravlenie. [General census of the population in 1959] Vseobshchaia perepis' naseleniia 1959. goda. Moskva, Gos. izd-vo polit. lit-ry, 1958 40 p.
(NNC)

[THE RYAZAN ACHIEVEMENT] Podvig Riazani. Moskva, Izd-vo "Pravda," 1960. 61 p. (Biblioteka "Komsomol'skoi pravdy," no. 4)

SEMENOV, V.I. [Our homeland in 1965] Nasha rodina v 1965 godu. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 115 p. (Massovaia biblioteka rabochego)

SEMENOV, V.S. [Classes and class struggle in modern bourgeois sociology] Problema klassov i klassovoi bor'by v sovremennoi burzhuaznoi sotsiologii. Moskva, Gos. izd-vo polit. lit-ry, 1959. 246 p.

SHARAPAN, B.S. [Analysis of the economic aspects of a metallurgical plant operations] Analiz khoziaistvennoi deiatel'nosti metallurgicheskogo zavoda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 259 p.

SHASHKEVICH, P.D. [Immanuel Kant's theory of knowledge] Teoriia poznaniia Immanuila Kanta. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 303 p.

SHAVEL'SKI, A. E. [Increasing labor productivity is the most important condition for the carrying out of the seven-year plan] Pavyshenne praduktsyinastsi pratsy - vazhneishaia umova vykanannia siamikhodki. Minsk, Dziarzhaunae vyd-va BSSR. Red. masava-palit. lit-ry, 1959. 39 p.

SHCHELOKOV, N.A. [Moldavian S.S.R., an account of the seven-year plan] Moldavskaia SSR, rasskaz o semiletke. Moskva, Trudrezervizdat, 1959. 94 p. (Molodezhi o semiletke)
(DS)

SHLEPAKOV, A.M. [Ukrainian labor emigration to the U.S.A. and Canada, the end of the 19th and the beginning of the 20th century] Ukrains'ka trudova emigratsiia v SShA i Kanadi, kinets' XIX-pochatok XX st. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 198 p.
(NN)

SHUL'MAN, N. K. [The city of Svobodnyy; concise economic-geographical study] Gorod Svobodnyi; kratkii ekonomiko-geograficheskii ocherk. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1958. 36 p. (Goroda Amurskoi oblasti)

SLADKOVSKII, M.I. [The seven-year plan and economic cooperation of socialist countries] Semiletka i ekonomicheskoe sotrudnichestvo stran sotsialisticheskogo lageria. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 31 p.

SMIRNOV, V. N. [Young Leningraders work for the fatherland] Molodye leningradtsy - Rodine. [Leningrad] Lenizdat, 1959. 128 p.

[A SOCIALIST BRIDGEHEAD IN THE WEST] Forpost sotsializma na Zapade. Moskva, Gos. izd-vo polit. lit-ry, 1959. 334 p.

SOFINOV, P. G. [Outline history of the All-Russian Extraordinary Commission, 1917-1922] Ocherki istorii Vserossiiskoi Chrezvychainoi komissii, 1917-1922 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 247 p

SOLDATOV, D. N. [Brigades of communist labor] Bryhady komunistychnoi pratsi. [Kharkov] Kharkivs'ke knyzhkove vyd-vo, 1959. 22 p.

[SOME ECONOMIC PROBLEMS IN INDUSTRY AND AGRICULTURE, collected articles for the economics students aid] Nekatoryia pytanni ekanomiki vytvorchastsi, sbornik artykulau u dapamohu ekanamichnai adukatsyi. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekan. lit-ry, 1959. 143 p.

[SONGS OF YOUTH OVER VIENNA] Pesni iunosti nad Venoi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 200 p.

SONIN, M. IA. [Reproduction of the labor force in the U.S.S.R. and balanced allocation of work] Vosproizvodstvo rabochei sily v SSSR i balans truda. Moskva, Gosplanizdat, 1959. 307 p.

[SPECIALIZATION AND COOPERATION IN INDUSTRY; work practice of regional economic councils] Spetsializatsiia i kooperirovanie promyshlennosti, opyt raboty sovnarkhozov. Moskva, Gosplanizdat, 1960. 253 p.

SUPONITSKII, S. A., A. G. AGANBEGIAN, and A. P. KOZLOV. [The seven-year plan as a decisive stage in the contest between the two systems] Semiletnii plan-reshaiushchii etap sorevnovaniia dvukh sistem. [Moskva] Izd-vo Mosk. univ., 1959. 113 p.

SVIDERSKII, IA. M. [Collection of problems for the course on "Government revenue"] Sbornik zadach po kursu "Gosudarstvennye dokhody." Izd. 2., perer. Moskva, Gosfinizdat, 1959. 120 p.

TADZHIMURATOV, A.T. [Economic and cultural development of the Kara-Kalpak A.S.S.R. during the Soviet regime; on the 40th anniversary of the Great October Revolution] Razvitie ekonomiki i kul'tury Kara-Kalpakskoi ASSR za gody Sovetskoi vlasti, k 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Nukus, Karakalpakskoe gos. izd-vo, 1958. 90 p.

TASHKENT. Gorodskaia telefonnaia set'. [Telephone directory (supplement) for Oktiabrskiy and Frunze Districts] Spisok abonentov (dopolnitel'nyi) po Oktiabr'skomu i Frunzenskomu raionam. Tashkent, 1959. 57 p.
[MICROFILM]

TENENBAUM, M. V. [Statistics of Soviet consumers' cooperative societies] Statistika sovetskoi potrebitel'skoi kooperatsii. Izd. 3., ispr. i dop. Pod red. N. N. Riauzova. Moskva, Izd-vo TSentrosoiuza, 1959. 306 p.

[TERRITORY WHERE NOTHING IS IMPOSSIBLE, foreign journalists on Siberia] Krai, gde net nevozmozhnogo, zarubezhnye zhurnalisty o Sibiri. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1957. 130 p.
(WaU)

[THE 30th ANNIVERSARY OF THE FIRST ALL-UNION CONGRESS OF SHOCK BRIGADES; collected documents and materials] Pervyi vsesoiuznyi s"ezd udarnykh brigad; k tridtsatiletiiu s"ezda. Sbornik dokumentov i materialov. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 190 p.

TITOV, V. M. [For the further economic development of Kharkov Province] Za dal'she pidnesennia ekonomiky Kharkivshchyny. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 48 p.

TOVKACH, M. D. [Humanism of the socialist system] Gumanizm sotsialistychnoho ladu. Kyiv, 1960. 62 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 9-10)

TREFILOV, I.M. [Calculation of aid for temporary disability] Ischislenie posobii po vremennoi netrudosposobnosti. Izd. 2., ispr. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 103 p.

TRET'IAKOV, P. N. [Economic and technical aid of the U.S.S.R. to industrially underdeveloped countries] Ekonomicheskaia i tekhnicheskaia pomoshch SSSR slaborazvitym v promyshlennom otnoshenii stranam. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 8)

[THE 21st CONGRESS OF THE CPSU ON THEORETICAL PROBLEMS RELATING TO THE BUILDNIG OF COMMUNISM; collected articles published in "Pravda"] XXI s"ezd KPSS o teoreticheskikh voprosakh stroitel'stva kommunizma; sbornik statei, opublikovannykh v gazete "Pravda." Moskva, Izd-vo "Pravda," 1959. 134 p.

[V.I. LENIN AS THE LEADER OF OUR GREAT CONSTRUCTION PROGRAM, collected reminiscences about V.I. Lenin's work in the field of the national economy] V.I. Lenin vo glave velikogo stroitel'stva, sbornik vospominanii o deiatel'nosti V.I. Lenina na khoziaistvennom fronte. Moskva, Gos. izd-vo polit. lit-ry, 1960. 324 p.

VASHCHENKO, P. T. [Natural resources of western regions of the Ukrainian S.S.R., economic geographical study] Pryrodni resursy zakhidnykh raioniv URSR, ekonomiko-geografichnyi narys. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 125 p.

VDOVIN, V. P., and G. P. PEKHMELEVA. [The world-wide seventh] Sed'moi Vsemirnyi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 59 p.

VEIS, E. E., and V. K. SHCHIRKIN. [Latvian seven year plan] Semiletka Latvii. Moskva, Gos. izd-vo polit. lit-ry, 1959. 63 p.
[MICROFILM]

VIKENT'EV, A. I. [Study of the development of the national economy of the U.S.S.R. during the period from 1951 to 1958] Ocherk razvitiia narodnogo khoziaistva SSSR, 1951-1958 gg. Moskva, Gos. izd-vo polit. lit-ry, 1959. 242 p.

VIKTOROV, A. F., and D. G. KAZREL'EV. [Makhachkala, economic geographical study] Makhachkala, ekonomiko-geograficheskii ocherk. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 99 p.
[MICROFILM]

VOLODARSKII, L. M. [First year of the seven year plan] Pervyi god semiletki. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 12)

VSESOIUZNYI S"EZD PROFESSIONAL'NYKH SOIUZOV. [Status of trade unions of the U.S.S.R. Adopted by the 12th Congress of Trade Unions of the U.S.S.R., March 27, 1959] Ustav professional'nykh soiuzov SSSR. Utverzhden XII s"ezdom profsoiuzov SSSR 27 marta 1959 goda. [Moskva] Profizdat, 1959. [illegible] p.
(CtY)

[YOUR DETACHMENT IS THE "FELLOW TRAVELLER OF THE SEVEN YEAR PLAN"] Tvoi otriad — "sputnik semiletki." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 44 p.

ZAGOZLAEV, A. A., and A. V. LEVSHIN. [Pensions for the members of cooperative associations, artels and [illegible]] Pensii chlenam kooperativnykh obshchestv, artelei i [illegible]. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 77 p. (Biblioteka [illegible])

ZAKHARCHENKO, V. D. [On the threshold of a great age] Na poroge velikogo veka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 2[illegible] p.

ZELENOVA, N. G. [V. I. Lenin's book "Left-wing communism, an infantile disorder" in commentary] Kniga V. I. Lenina "Detskaia bolezn' 'levizny' v kommunizme." [Moskva] Izd-vo Mosk. univ., 1959. [illegible] p.

ZIBER, N. I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 1. [David Ricardo and Karl Marx in their social economic analysis; articles] David Rikardo i Karl Marks v ikh obshchestvenno-ekonomicheskikh issledovaniiakh; etiudy. 1959. 731 p.

ZOLOEV, V. T. [Operational accounting in the foreign trade of the U.S.S.R.] Operativnyi uchet vneshnei torgovli SSSR. Moskva, Vneshtorgizdat, 1959. 171 p.

ZORINA, D. D. [British trade unions and labor's struggle for unity of action] Angliiskie tred-iuniony i bor'ba za edinstvo deistvii rabochego klassa. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 237 p.

6. POLITICAL SCIENCE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. [Materials on the political system of Kazakhstan, from the incorporation of Kazakhstan into Russia to the Great October Socialist Revolution. Vol. 1] Materialy po istorii politicheskogo stroia Kazakhstana so vremeni prisoedineniia Kazakhstana k Rossii do Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Sbornik sost. M. G. Masevich. Alma-Ata.
Vol. 1. 1960. 440 p.

ALESHKIN, D. I. [Twenty-first Congress of the CPSU and the tasks of communist education] XXI s"ezd KPSS i zadachi kommunisticheskogo vospitaniia. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1959. 54 p.

ANISIMOV, V. P. [Propaganda groups] Propagandistskie gruppy. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 40 p. (Iz opyta partiinoi i sovetskoi raboty)

BINDER, M. A. [Supreme Soviet of the Kazakh Soviet Socialist Republic] Verkhovnyi Sovet Kazakhskoi Sovetskoi Sotsialisticheskoi Respubliki. Alma-Ata, Kazakhskoe Gos. izd-vo, 1959. 102 p.

CHUNG KUO KUNG CH'AN TANG. [Materials of the Sixth Plenum of the Eighth Congress of the Central Committee of the Communist Party of China] Materialy 6 go plenuma TSentral'nogo Komiteta Kommunisticheskoi partii Kitaia vos'mogo sozyva. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 55 p.

[THE COMMUNIST PARTY DURING THE GREAT PATRIOTIC WAR, JUNE 1941-1945, a collection of references] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iun' 1941 goda-1945 god, sbornik konsul'tatsii. [Moskva] Mosk. rabochii, 1960. 241 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

[THE COMMUNIST YOUTH LEAGUE AND ECONOMIC COUNCILS] Komsomol i sovnarkhozy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 157 p.

EVDOKIMOV, V. I. [Growing role of the party in the building of communism] Vozrastanie roli partii v stroitel'stve kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. [illegible] p.

FEDAEV, V. K. [The struggle for disarmament at the present day stage] Bor'ba za razoruzhenie na sovremennom etape. Leningrad, 1959. 4[illegible] p.
(CSt-H)

GAFUROV, B. G. [V. I. Lenin as the great friend of the peoples of the East] V. I. Lenin — velikii drug narodov Vostoka. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 7)

GLAGOLEVA, V. A. [Struggle of the Communist Party for the development of the socialist revolution and consolidation of the Soviet regime, October 1917-1918] Bor'ba Kommunisticheskoi partii za razvitie sotsialisticheskoi revoliutsii i uprochenie Sovetskoi vlasti, oktiabr' 1917 g.-1918 g. Tema VIII. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 70 p. (Istoriia KPSS, konsul'tatsii)

[illegible], V. I. [Party control and audit of a plan carried out by an industrial enterprise, from work practice of the Cherepovets Metallurgical Plant Party Organization and the Cherepovets CPSU City Committee] Partiinyi kontrol' i proverka ispolneniia na promyshlennom predpriiatii, iz opyta raboty partorganizatsii Cherepovetskogo metallurgicheskogo zavoda i Cherepovetskogo gorkoma KPSS. Vologda, Obl. knizhnoe izd-vo, 1959. 104 p. (Iz opyta partiino-politicheskoi raboty)

[illegible], S. I. [Fatherland and patriotism] Otechestvo i patriotizm. Moskva, Gos. izd-vo polit. lit-ry, 1959. 144 p.

[HISTORY OF THE CPSU, visual aid in three parts] Istoriia KPSS, nagliadnoe posobie v trekh vypuskakh. [Moskva] Izogiz.
No. 2, 1959. [illegible] (In portfolio)

IAKOVLEV, V. G., ed. [Our generation, pages from the history of the Moscow Organization of Young Proletarians] Nashe pokolenie, stranitsy iz istorii Moskovskoi organizatsii [illegible] imeni V. I. Lenina. [Moskva] Mosk. rabochii, 1959. 25[illegible] p.
(MH)

KHEIFETS, A. N. [Lenin as a great friend of the peoples of the East] Lenin — velikii drug narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 246 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Leningradskii oblastnoi komitet. [Seminar of propagandists of Marxism-Leninism and the CPSU] [illegible] KPSS. [Leningrad] [illegible] 1959. 54 p.
(MH)

KOMMUNISTICHESKAIA PARTIIA TURKMENISTANA. 14 s"ezd, 1958. [Materials of the 14th Congress of the Communist Party of Turkmenistan, January 18-20, 1958] Materialy s"ezda. Ashkhabad, Turkmenskoe gos. izd-vo, 1958. 93 p.

KRIVOGUZ, I. M. [Present day social democratic parties and their attitude toward the problem of peace and war] Sovremennaia sotsial-demokratiia i ee otnoshenie k voprosam voiny i mira. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 33 p.

LITVAK, S. N. [On voyages, practices in party w
V morskom reise; iz opyta partiinoi raboty. M
"Morskoi transport," 1959. 65 p.
(NNC)

LUK'IANOV, A. I., and B. M. LAZAREV. [Sovie
organizations and the Soviet state] Sovetskoe g
stvo i obshchestvennye organizatsii. Moskva,
Izd-vo iurid. lit-ry, 1960. 231 p.

MALANCHUK, V. E. [Youth hardened in struggle
sketches of the young revolutionaries of the We
Ukraine] Molodost', zakalennaia v bor'be; oche
molodykh revoliutsionerakh Zapadnoi Ukrainy.
skva] Izd-vo TsK VLKSM "Molodaia gvardiia,"
110 p.

[MANUAL FOR PARTY WORKERS] Spravochnik p
nogo rabotnika. Moskva, Gos. izd-vo polit. lit
No. 3. 1959. 830 p.

MAZUROV, K. T. [The 40th anniversary of the W
Russian S.S.R. and the Communist Party of Wh
Russia, a report at the solemn meeting of the S
Soviet of the White Russian S.S.R. and the Cen
Committee of the Communist Party of White Ru
January 3, 1959] Sorok let Belorusskoi SSR i K
partii Belorussii, doklad na torzhestvennom za
Verkhovnogo Soveta BSSR i TsK KP Belorussii 3
ianvaria 1959 g. Minsk, Gos. izd-vo BSSR, 1959

MERKVILADZE, V. N. [V. I. Lenin and the laying
foundations of the Soviet national government] V
Lenin i ustroitel'stvo osnov sovetskoi natsional'
gosudarstvennosti. Tbilisi, Izd-vo TsK KP Gru
1959. 180 p.

[MILITARY QUESTIONS IN THE DECISIONS OF T
COMMUNIST PARTY OF THE SOVIET UNION,
1917, collected papers] Voennye voprosy v reshe
KPSS, 1903-1917 gg., sbornik dokumentov. Mo
Voen. izd-vo M-va obor. SSSR, 1960. 715 p.

MINSK. UNIVERSITET. [History of the struggle o
Communist Party of White Russia for the consol
tion of Soviet rule and the building of socialism,
lected articles] Iz istorii bor'by Kompartii Belo
za uprochenie Sovetskoi vlasti i sotsialisticheski
stroitel'stvo, sbornik statei. Minsk, Izd-vo Bel
im. V. I. Lenina, 1959. 104 p.

MOLDAVIAN S.S.R. Verkhovnyi Sovet. [Meetings
Fourth Supreme Soviet of the Moldavian S.S.R.,
seventh session, August 15-16, 1959. Verbatim
Sovetul Suprem al RSS Moldovenyaske de
legislatura a patra (sesiia a shaptia), 15-16 avgust
1959. Dare de seame stenografike. Kishinev, E
de stat a Moldovei, 1959. 185 p. [Parallel texts
Moldavian and Russian.]

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA.
Communist Party of the Soviet Union in the reso
tions and decisions of its congresses, confere
and the plenums of its Central Committee, 1898
Kommunisticheskaia partiia Sovetskogo Soiuza v
rezoliutsiiakh i resheniiakh s"ezdov, konferentsi
plenumov TsK, 1898-1960. Izd. 7. Moskva, Go
izd-vo polit. lit-ry.
Pt. 4. (1954-1960). 1960. 610 p.

MURASHOV, S. I. [The Bolshevik party as the ins
and organizer of the victory of the Great Octobe
Socialist Revolution, March-October 1917] Part
bol'shevikov — vdokhnovitel' i organizator pobed
Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsi
mart-oktiabr' 1917 g.; materialy k lektsiiam
kursa "Istoriia KPSS." Moskva, Gos. izd-vo "S
vetskaia nauka," 1959. 151 p.

NARODNO-TRUDOVOI SOIUZ. [Program of the Pe
Labor Union (of Russian Solidarists); draft of a
text approved by the Council of the People's Lab
Union, April 24, 1958 for general discussion] Pr
ma Narodno-trudovogo soiuza (rossiiskikh solid
proekt novogo teksta, odobrennyi Sovetom NTS 2
1958 dlia vsenarodnogo obsuzhdeniia. [F
furt/Main, Komitet za prava i svobodu v Rossii,
30 p.
(CU)

NEMTSEV, V. A., and V. A. PERTTSIK. [Sessions
province (territory) soviets of workers' deputies
Sessii oblastnykh (kraevykh) Sovetov deputatov
trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit
1959. 85 p.

NERKARARIAN, VLADIMIR. [Communist Party o
Armenia during the reconstruction of the nationa
economy, 1921-1925] Kommunisticheskaia partiia
Armenii v period vosstanovleniia narodnogo khoz
1921-1925 gg. Erevan, Armianskoe gos. izd-vo,
409 p. [In Armenian.]
(NNC)

A C-7

NIHON KYOSANTO. [The Seventh Congress of the Communist Party of Japan in Tokyo, July 23-August 1, 1958] VII s"ezd Kommunisticheskoi partii IAponii, Tokio, 23 iiulia - 1 avgusta 1958 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 462 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

OBICHKIN, G.D. [The party of Lenin as the organizer of the victories of communism] Leninskaia partiia - organizator pobed kommunizma. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 31 p.

OMBYSH-KUZNETSOV, S.O., comp. [Restless hearts, recollections by Communist Youth League Members] Bespokoinye serdtsa, vospominaniia komsomol'tsev. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 134 p.
(MH)

OMEL'IANENKO, I.IA [Communists of the Donets Basin in the Great Patriotic War, history of the Stalin Province party organization during the period of the Great Patriotic War of the Soviet Union, 1941-1945] Kommunisty Donbassa v Velikoi Otechestvennoi voine, iz istorii Stalinskoi oblastnoi partiinoi organizatsii perioda Velikoi Otechestvennoi voiny Sovetskogo Soiuza 1941-1945 gg. [Stalino] Stalinskoe obl. knizhnoe izd-vo, 1959. 70 p.
(MH)

[PARTY ORGANIZATIONS IN ARMY UNITS AND WAR VESSELS; collected articles on the work experience of local party organizations] Partiinaia organizatsiia chasti, korablia, sbornik statei ob opyte raboty pervichnykh partorganizatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 334 p.

PAVLOV, A.P. [Struggle of the Communist Party for the socialist industrialization of the country and its preparations for the over-all collectivization of agriculture, 1926-1929] Bor'ba Kommunisticheskoi partii za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gg.; tema XI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 134 p.

[POLITICAL DICTIONARY] Politychnyi slovnyk. Za red. B.M. Ponomar'ova. Vyd 2. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 675 p.
(NNC)

PRAVDYCHENKO, H.A. [What it means to be a Soviet patriot] Shcho oznachaie buty radians'kym patriotom. Kyiv, 1960 20 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no 3)

ROMASHKIN, P.S., and S.A. POKROVSKII. [Role of the state during the large-scale building of communism] Gosudarstvo v period razvernutogo stroitel'stva kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1959. 95 p.

ROSENKO, I.A. [Twenty first Congress of the CPSU on the practical possibility of banishing world war from civilization] XXI s"ezd KPSS o real'noi vozmozhnosti ustraneniia mirovoi voiny iz zhizni obshchestva. [Leningrad] Ob-vo po rasprostraneniiu polit. i nauchn znanii RSFSR Leningr. otd-nie, 1960. 53 p.

ROSSIISKAIA SOTSIAL-DEMOKRATICHESKAIA RABOCHAIA PARTIIA. 4. s"ezd, Stockholm, 1906. [Proceedings of the Fourth Congress of the Russian Social Democratic Party in 1906 in Stockholm] Protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1959. lxv, 713 p. (Protokoly i stenograficheskie otchety s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

RUSSIA (1923- U.S.S.R.) Treaties, etc. [Collection of treaties, agreements, and conventions in force between the U.S.S.R. and foreign governments] Sbornik deistvuiushchikh dogovorov, soglashenii i konventsii, zakliuchennykh SSSR s inostrannymi gosudarstvami. Moskva, Gos. izd-vo polit. lit-ry.
No. 17/18. 1960. 685 p.

'et. [Meetings
S.R., second
report]
atogo sozyva;

SHORINA, E.V. [Collective and one-man leadership in Soviet government and administration] Kollegial'nost' i edinonachalie v sovetskom gosudarstvennom upravlenii. Moskva, Gos. izd-vo iurid lit-ry, 1959. 109 p.

SKOBTSOV, L.IA. [Party organization of the Donets Basin in the struggle to carry out the Lenin plan for the industrialization of the country from 1926 to 1929] Partiinaia organizatsiia Donbassa v bor'be za osushchestvlenie leninskogo plana industrializatsii strany 1926-1929 gg. [Stalino] Stalinskoe obl. knizhnoe izd-vo, 1959. 154 p.
(MH)

[SOLEMN MEETING OF THE SUPREME SOVIET OF THE WHITE RUSSIAN S.S.R. AND THE CENTRAL COMMITTEE OF THE COMMUNIST PARTY OF WHITE RUSSIA DEVOTED TO THE 40th ANNIVERSARY OF THE WHITE RUSSIAN SOVIET SOCIALIST REPUBLIC AND THE COMMUNIST PARTY OF WHITE RUSSIA, JANUARY 3, 1959, verbatim report] Urachystae pasiadzhenne Viarkhounaha Saveta BSSR i TSentral'naha Kamiteta KPB, prysvechanae 40-hoddziu Belaruskai Savetskai Satsyialistychnai Respubliki i Kamunistychnai partyi Belarusi, 3 studzenia 1959 goda; stenagrafichnaia spravazdacha. Minsk, Dziarzh. vyd-va BSSR, 1959. 140 p.

[STATUTES OF THE COMMUNIST PARTY OF THE SOVIET UNION ADOPTED AT THE 19th CONGRESS OF THE PARTY, with some amendments introduced by the 20th Congress of the CPSU] Statut Kommunistychnoi Partii Radians'koho Soiuzu, pryiniatyi XIX z'izdom partii (Chastkovi zminy vneseni XX z'izdom KPRS). Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 30 p.

TOGLIATTI, PALMIRO. [Speeches in the Constituent Assembly. Translated from the Italian] Rechi v Uchreditel'nom sobranii. Moskva, Izd-vo inostr. lit-ry, 1959. 405 p.

TSENG, HSIU-FU. [The Communist Party of China in the struggle for national unity] Kommunisticheskaia partiia Kitaia v bor'be za edinyi front. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 161 p.

TURKMEN S.S.R. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Turkmen S.S.R., fifth session, January 21-22, 1958. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, chetvertogo sozyva, piataia sessiia (21-22 ianvaria 1958 goda). Stenograficheskii otchet. Ashkhabad, Turkmenskoe gos. izd-vo, 1958. 213 p. [Parallel texts in Turkmen and Russian.]

UGLOV, A.A. [Governmental system of Ireland] Gosudarstvennyi stroi Irlandii. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 58 p. (Gosudarstvennyi stroi stran mira)

VARSOBIN, A.K., A.A. SVETLIKOV, and N.P. SOLOV'EV. [Communist Youth League groups; from the work experience of Communist Youth League groups in industrial enterprises] Komsomol'skaia gruppa, iz opyta raboty komsomol'skikh grupp na promyshlennykh predpriiatiiakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 63 p.

VASYL'CHUKOV, T.H. [Early history of the heroic Communist Youth League of the Ukraine] Heroichna iunist' komsomolu Ukrainy. Kyiv, 1959. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR)

VODOLAZSKII, A.F. [Collective leadership of the Bolshevik Party during the first years of the New Economic Policy, 1921-1923] Kollektivnost' rukovodstva Bol'shevistskoi partii v pervye gody NEPA, 1921-1923 gg. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 15)

WHITE RUSSIA. Verkhovnyi Sovet [Meetings of the Fourth Supreme Soviet of the White Russian S.S.R., eighth session, June 26-27, 1958. Verbatim report] Vos'maia sessiia Verkhovnogo Soveta Belorusskoi SSR; chetvertogo sozyva (26-27 iiunia 1958 goda). Stenograficheskii otchet. Minsk, Gos. izd-vo BSSR, Red. polit. lit-ry, 1958. 276 p.

ZLOBINA, V.M. [The Bolsheviks in the forefront of mass political strikes during the new upheaval of revolutionary activity] Bol'sheviki vo glave massovykh politicheskikh stachek v gody novogo revoliutsionnogo pod"ema. [Moskva] Izd-vo Mosk. univ., 1960. 55 p.

ZORIN, V.A., and others, eds. [History of diplomacy] Istoriia diplomatii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo polit. lit-ry
Vol. 1. V sost. pervogo toma prinimali uchastie: V.P. Potemkin i dr. 1959. 896 p.

ZUBARAU, IA. I. [How we carry out our rights to control the work of collective farm management] IAk my azhytstsiauliaem prava kantroliu dzeinastsi praulennia kalhasa. Minsk, Dziarzhaunae vyd-va BSSR. Red. masava-palitychnai literatury, 1959. 27 p.

7. LAW

ABKHASIAN A.S.S.R. Laws, statutes, etc. [Statute of standing committees of district, city, village, and settlement soviets of workers' deputies of the Abkhazian A.S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Abkhazian A.S.S.R., September 9, 1958] Polozhenie o postoiannykh komissiiakh raionnykh, gorodskikh, sel'skikh i poselkovykh Sovetov deputatov trudiashchikhsia Abkhazskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Abkhazskoi ASSR ot 9 sentiabria 1958 g. Sukhumi, Abkhazskoe gos. izd-vo, 1958. 13 p.

ARCHER, PETER. [The English judicial system (published in English as "The queen's courts") by Peter Archer. Translated from the English] Angliiskaia sudebnaia sistema. Moskva, Izd-vo inostr. lit-ry, 1959. 268 p.

AZERBAIJAN. Constitution. [Constitution (fundamental law) of the Azerbaijan Soviet Socialist Republic] Azărbaĭchan Sovet Sosialist Respublikasynyn kanstitusijasy (ĕsas granunu) Azărbajchan SSR dordunchu chağyrysh Ali Sovetinin I, II, III, IV, V, VI, VII ve VIII sessijalarynda gĕbul edilmish dăjishikliklăr vă elavălerlĕ. Baky, Azerbajchan dŏvlĕt nĕshrijjaty, 1959. 29 p. [In Azerbaijani.]

AZERBAIJAN. Laws, statutes, etc. [Statute of elections to province (Nagorno-Karabakh Autonomous Province), district, city, village, and settlement soviets of workers' deputies of the Azerbaijan S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., December 23, 1954. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R. December 29, 1956 and January 13, 1959] Polozhenie o vyborakh v oblastnoi (Nagorno-Karabakhskoi avtonomnoi oblasti), raionnye, gorodskie, sel'skie i poselkovye Sovety deputatov trudiashchikhsia Azerbaidzhanskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 23 dekabria 1954 g. S izmeneniiami, vnesennymi Ukazami Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 29 dekabria 1956 g. i 13 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1959. 28 p.

AZERBAIJAN. Laws, statutes, etc. [Statute of elections to the Supreme Soviet of the Azerbaijan S.S.R. Adopted by the decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., December 13, 1950. With amendments introduced by decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., January 13, 1959] Polozhenie o vyborakh v Verkhovnyi Sovet Azerbaidzhanskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 13 dekabria 1950 goda. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 13 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1959. 20 p.

BASHKIR A.S.S.R. Laws, statutes, etc. [Statute of elections to the Supreme Soviet of the Bashkir A.S.S.R. Approved by decree of the Presidium of the Supreme Soviet of the Bashkir A.S.S.R., December 14, 1950, with amendments introduced by decree of the Presidium of the Supreme Soviet of the Bashkir A.S.S.R., January 9, 1959] Polozhenie o vyborakh v Verkhovnyi Sovet Bashkirskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Bashkirskoi ASSR ot 14 dekabria 1950 goda. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Bashkirskoi ASSR ot 9 ianvaria 1959 goda. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 22 p.

BELKIN, R.S. [Theory of and practice in testing the materials of criminal investigation] Teoriia i praktika sledstvennogo eksperimenta. Pod obshchei red. A.I. Vinberga. Moskva, Vysshaia shkola MVD SSSR, 1959. 169 p.

BOGUSLAVSKII, M.M. [Basic problems of patent practice in private international law] Osnovnye voprosy izobretatel'stva v mezhdunarodnom chastnom prave. Moskva, Izd-vo Akad. nauk SSSR, 1960. 283 p.

[COLLECTION OF THE MOST IMPORTANT DECISIONS ON AGRICULTURE] Zbirnyk naivazhlyvishykh rishen' po sil's'komu hospodarstvu. Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 111 p.

[COLLECTION OF THE MOST IMPORTANT LABOR LAWS AND REGULATIONS] Sbornik vazhneishikh zakonov i postanovlenii o trude. Izd. 2., ispr i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 273 p.

DULOV, A.V. [Theoretical problems relating to forensic expertise in Soviet criminal procedure] Voprosy teorii sudebnoi ekspertizy v sovetskom ugolovnom protsesse. Minsk, Izd-vo Belgosuniv. im. V.I. Lenina, 1959. 187 p.

DURDYEV, BIASHIM. [Soviet laws protect the rights and interests of Soviet citizens] Sovet kanunlary SSSR grazhdanlarynyṅ khukuklarynyṅ ve bĕkhbitleriniṅ goragynda. Ashgabat, Turkmenistan dovlet okuv-pedagogik neshirlaty, 1959. 45 p. [In Turkmen.]

GLIKIN, IA. S., and A. M. PRYTKOV. [Textbook on legal questions concerning the system of consumers' cooperative societies] Posobie po pravovym voprosam dlia sistemy potrebitel'skoi kooperatsii. Izd. 2., ispr. i dop. Moskva, Izd-vo TSentrosoiuza, 1959. 207 p.

GORELIK, I.I. [Responsibility for not helping someone in danger according to Soviet criminal law] Otvetstvennost' za ostavlenie v opasnosti po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 70 p.

IONAS, V. IA., A. A. KLIUEV, and A. V. MAVRIN. [Rights of inventors and efficiency experts] Prava izobretatelei i ratsionalizatorov. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 157 p.

KARPINSKII, V.A. [Constitution of the U.S.S.R.] Konstitutsiia SSSR. Moskva, Uchebno-pedagog. izd-vo, 1949. 33 p. (Programmy srednei shkoly)
(MdBJ)

KAZAKH S.S.R. Laws, statutes, etc. [Collection of the laws of Kazakhstan, and the decrees of the Presidium of the Supreme Soviet of the Kazakh S.S.R. (1938-1957)] Sbornik zakonov Kazakhskoi SSR i ukazov Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR (1938-1957) Sbornik sost. A. Bulgakbaev i D. A. Egorov. Red. A Bulgakbaev. Alma-Ata, Kazakhskoe Gos. izd-vo, 1958. 669 p.
(CtY-L)

KOMI A.S.S.R. Constitution. [Constitution (fundamental law) of the Komi Autonomous Soviet Socialist Republic; with amendments adopted by the Supreme Soviet of the Komi A.S.S.R from September 30, 1948 to June 26, 1959] Konstitutsiia (osnovnoi zakon) Komi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dop., priniatymi Verkhovnym Sovetom Komi ASSR, 30 sentiabria 1948 goda, - 26 iiunia 1959 goda. Syktyvkar, Komi knizhnoe izd-vo, 1959. 26 p.

KOROTKOV, V.S., and M. IU. GOL'DSHTEIN. [What our workers and employees should know about labor law] Chto nuzhno znat' rabochim i sluzhashchim o trudovom zakonodatel'stve. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 269 p. (Massovaia biblioteka rabochego)

[LAW ON STRENGTHENING CONTACTS BETWEEN SCHOOL AND LIFE AND FURTHER DEVELOPMENT OF THE PUBLIC EDUCATION SYSTEM IN THE KAZAKH S.S.R.] Zakon ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v Kazakhskoi SSR. Alma-Ata, 1959. 64 p. [Parallel texts in Kazakh and Russian.]

[LEGAL PROBLEMS RELATING TO THE ORGANIZATION AND WORK OF ECONOMIC COUNCILS] Pravovye voprosy organizatsii i deiatel'nosti sovnarkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 339 p.

LENIN, V.I. [The State and the law; a collection of writings and documents] O gosudarstve i prave; sbornik proizvedenii dokumentov. Moskva, Gosiurizdat, 1958. 2 v.
(CLU)

LIL'IN, T. IA. [The community and the strengthening of legality] Obshchestvennost' i ukreplenie zakonnosti. Moskva, Gos. izd-vo polit. lit-ry, 1960. 79 p. (Voprosy partiinogo stroitel'stva)

LISOVSKII, V.I. [The Ukrainian S.S.R. and international law] Ukrainskaia SSR i mezhdunarodnoe pravo. Moskva, Mosk. finansovyi in-t, 1960. 39 p.

LOSEV, P.M., and G.I. RAGULIN, comps. [Collection of Soviet legislative enactments on corrective labor] Sbornik normativnykh aktov po sovetskomu ispravitel'no-trudovomu pravu, 1917-1959 gg.; istoriia zakonodatel'stva. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 359 p.

MARTINOVICH, I. I. [Development of the judicial system in White Russia during the struggle for the establishment and consolidation of Soviet rule, 1917-1920] Sudebnoe stroitel'stvo v Belorussii v period bor'by za ustanovlenie i uprochenie Sovetskoi vlasti, 1917-1920 gg. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1959. 40 p.

MIKHAILOVSKAIA, I. B. [Courts and society in the Soviet state] Sud i obshchestvennost' v Sovetskom gosudarstve. Moskva, Izd-vo "Znanie," 1960. 49 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 10)

MOSCOW. UNIVERSITET. IUridicheskii fakul'tet. [Problems of Soviet civil law in the practice of courts and arbitration agencies] Voprosy sovetskogo grazhdanskogo prava v praktike suda i arbitrazha. [Moskva] 1959. 426 p.

NAKHICHEVAN A.S.S.R. Laws, statutes, etc. [Statute of elections to district, city, village, and settlement soviets of workers' deputies in the Nakhichevan A.S.S.R. Approved by decree of the Presidium of the Supreme Soviet of the Nakhichevan A.S.S.R., December 23, 1954. With amendments introduced by decree of the Presidium of the Supreme Soviet of the Nakhichevan A.S.S.R., January 23, 1959] Polozhenie o vyborakh v raionnye, gorodskie, sel'skie i poselkovye Sovety deputatov trudiashchikhsia Nakhichevanskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Nakhichevanskoi ASSR ot 23 dekabria 1954 goda. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Nakhichevanskoi ASSR ot 23 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1949. 24 p.

NAKHICHEVAN' A.S.S.R. Laws, statutes, etc. [Statute of elections to the Supreme Soviet of the Nakhichevan A.S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Nakhichevan A.S.S.R., December 13, 1950. With amendments introduced by decree of the Presidium of the Supreme Soviet of the Nakhichevan A.S.S.R., January 23, 1959] Polozhenie o vyborakh v Verkhovnyi Sovet Nakhichevanskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Nakhichevanskoi ASSR 13 dekabria 1950 g. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Nakhichevanskoi ASSR ot 23 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos. izd-vo, 1959. 19 p.

PERLOV, I.D. [Soviet criminal procedure] Ugolovnoe sudoproizvodstvo v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 100 p.

POLIANSKII, N. N. [Outline of the development of Soviet studies on criminal procedure] Ocherk razvitiia sovetskoi nauki ugolovnogo protsessa. [Moskva] Izd-vo Akad. nauk SSSR, 1960 211 p.

POPOV, V. I. [Examining the place of the crime] Osmotr mesta proisshestviia. Pod red. V. A. Khvana. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 230 p.

RUDENKO, R. A., ed. [Nuremberg Trial of Major German War Criminals; collected materials in seven volumes] Niurnbergskii protsess nad galvnymi nemetskimi voennymi prestupnikami, sbornik materialov v semi tomakh. Moskva, Gos. izd-vo iurid. lit-ry.
  Vol. 4. [War crimes and crimes against humanity] Voennye prestupleniia i prestupleniia protiv chelovechnosti. 1959. 890 p.

RUSSIA (1917-   R.S.F.S.R.) Constitution. [Constitution (fundamental law) of the Russian Soviet Federal Socialist Republic] Konstitutsiia (avynzakon) Rossiiaken Sovetken Federativken Sotsialistaken Respublikaken. Gaipattenat alvan' rytchygyrgyt ynk''am ineerti, nereŏtte V sessiiak Verkhovny-Soveten RSFSR ryn'yrak'av''eken l'uk. [Magadan] Magadanken taknigan'yn, 1960. 39 p. [In Chukchi.]

RUSSIA (1917-   R.S.F.S.R.) Verkhovnyi sud. [Collected decisions and rulings of the Supreme Court of the R.S.F.S.R. in labor cases, 1953-1958] Sbornik postanovlenii i opredelenii Verkhovnogo suda RSFSR po trudovym delam, 1953-1958 gg. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 243 p.

RUSSIA (1923-   U.S.S.R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics] Sovet Sotsialistik Respublikalary Soiuzynyn Konstitutsiiasy (esasy kanuny). SSSR-in dȯrdunzhi chagyrylysḥ Ekary Sovetinin edinźhi sessiiasynda kabul edilen ùitgetmeler ve goshmachalar girizildi. Ashgabat, Tùrkmenistan dȯvlet neshiriaty, 1957. 30 p. [In Turkmen.]

RUSSIA (1923-   U.S.S.R.) Constitution. [The constitution (fundamental law) of the U.S.S.R.; the constitutions (fundamental laws) of the Union and Autonomous Soviet Socialist Republics] Konstitutsiia (osnovnoi zakon) SSSR; Konstitutsii (osnovnye zakony) soiuznykh i avtonomnykh sovetskikh sotsialisticheskikh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 939 p.

SERGEICH, P. [The art of forensic oratory] Iskusstvo rechi na sude. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 369 p.

SHALAGINOV, V. K. [Before the court of law, notes of a member of the military tribunal] Pered litsom zakona; zametki voennogo iurista. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 44 p.

SHEBANOVA, A. I., and N. S. MALEIN. [Soviet legislation on industrial hygiene, materials for a lecture] Sovetskoe zakonodatel'stvo ob okhrane truda rabochikh i sluzhashchikh, material k lektsii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 38 p.

SKRIPKO, V. R. [Protection of the housing rights of citizens] Okhrana zhilishchnykh prav grazhdan. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 68 p.

TAJIK S.S.R. Constitution. [Constitution (fundamental law) of the Tajik Soviet Socialist Republic] Tozhikiston Sovet Sotsialistik Respublikasining konstitutsiiasi (asosii konuni), Tozhikiston SSR Sovetlar favkulodda VI s''ezdi tomonidan 1937 iil 1 martda tasdiklangan. Tozhikiston SSR Olii Soveti Tŭrtinchi chakirik I, II, III, IV, V, VI sessiialari tomonidan kabul kilingan ŭzgarish va kŭshimchalar kiritildi. Stalinobod, Tozhikiston davlat nashrieti, 1958. 31 p. [In Uzbek.]

TAJIK S.S.R. Laws, statutes, etc. [Statute of elections to province, district, city, village, and settlement soviets of workers' deputies of the Tajik S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Tajik S.S.R., October 5, 1950. With amendments introduced by enactments of the Presidium of the Supreme Soviet of the Tajik S.S.R., December 20, 1952 and December 18, 1956 and decree of the Presidium of the Supreme Soviet of the Tajik S.S.R., December 23, 1958] Polozhenie o vyborakh v oblastnye, raionnye, gorodskie, kishlachnye i poselkovye Sovety deputatov trudiashchikhsia Tadzhikskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Tadzhikskoi SSR ot 5 oktiabria 1950 goda s vneseniem izmenenii soglasno Postanovleniiam Prezidium Verkhovnogo Soveta Tadzhikskoi SSR ot 20 dekabria 1952 goda, 18 dekabria 1956 goda i Ukazu Prezidiuma Verkhovnogo Soveta Tadzhikskoi SSR ot 23 dekabria 1958 goda. Stalinabad, Tadzhikgosizdat, 1958. 30 p.

TURKMEN S.S.R. Ministerstvo iustitsii. [Civil code of the Turkmen S.S.R., with amendments as of January 1, 1957 and supplementary materials on the articles] Grazhdanskii kodeks Turkmenskoi SSR; s izmeneniiami i dopolneniiami na 1 ianvaria 1957 g. i postateinymi materialami. Ashkhabad, Turkmengosizdat, 1957. 267 p.

TURKMEN S.S.R. Ministerstvo iustitsii. [The code of laws on marriage, family, guardianship, and the acts of civil status of the Turkmen S.S.R.; official text with amendments as of October 1, 1955 and supplementary materials] Kodeks zakonov o brake, sem'e, opeke i ob aktakh grazhdanskogo sostoianiia TSSR; ofitsial'nyi tekst s izmeneniiami na 1 oktiabria 1955 g. i s prilozheniiam. Ashkhabad, Turkmenskoe gos. izd-vo, 1955. 103 p.

UKRAINE. Laws, statutes, etc. [Code of civil procedure of the Ukraine; official text with amendments as of March 1, 1958, and with a supplementary index] TSivil'nyi protsesual'nyi kodeks Ukrains'koi RSR; ofitsial'nyi tekst iz zminami na 1 bereznia 1958 r. ta z dodatkami postateino sistematyzovanykh materialiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1958. 142 p.
(CLL)

VASIL'EV, A. N., and S. S. STEPICHEV. [Reenactment of the crime where it took place in criminal investigation] Vosproizvedenie pokazanii na meste pri rassledovanii prestuplenii. Otv. red. S. A. Golunskii. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 48 p.

VATTEL, EMERIC DE. [The law of nations or the principles of natural law applied to the conduct and affairs of the nations and sovereigns. Translated from the French] Pravo narodov ili printsipy estestvennogo prava, primeniaemye k povedeniiu i delam natsii i suverenov. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 719 p.

VYSHINSKAIA, Z. A. [Criminal responsibility for criminal encroachments on collective-farm property] Ugolovnaia otvetstvennost' za prestupnye posiagatel'stva na kolkhoznoe imushchestvo. Moskva, Gosiurizdat, 1950. 147 p.
(DS)

WHITE RUSSIA. Laws, statutes, etc. [Collection of the legislative enactments of the White Russian S.S.R. and the decrees of the Presidium of the Supreme Soviet of the White Russian S.S.R. for 1956-1958] Zbornik zakonau Belaruskai SSR i ukazau Prezidyuma Viarkhounaha Saveta Belaruskai SSR za 1956-1958 hh. Minsk, Dziarzh. vyd-va BSSR, Red. satsyial'na-ekan. lit-ry, 1959. 436 p.

8. EDUCATION

ABRAMIAN, A.A. [Achievements of public education in Soviet Armenia] Dostizheniia narodnogo obrazovaniia v Sovetskoi Armenii. Erevan, Armianskoe gos. izd-vo 1959. 160 p. [In Armenian.]
(MH)

AKADEMIIA NAUK SSSR. [Personnel with higher degrees in the U.S.S.R., collection of documents and reference and materials] Nauchnye kadry v SSSR; sbornik dokumentov i spravochnykh materialov. Pod Red. A.V. Topchieva. Moskva, 1959. 303 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigieny. [Physical training] Fizicheskoe vospitanie; sbornik. Pod red. V.N. Kononovskogo i Z.I. Kuznetsovoi. Moskva, 1959. 277 p.

BOGOLIUBOV, N.N. [Methodology of penmanship] Metodika chistopisaniia; uchebnoe posobie dlia pedagogicheskikh uchilishch. Izd. 3., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 101 p.

BOL'SHAKOVA, S.V., and L.M. IVANOVA. [Study and work are inseparable] Uchenie i trud - nerazryvny. Moskva, Gos. izd-vo polit. lit-ry, 1959. 49 p.

CHERDZHIEV, Kh.S. [Outline history of public education in Northern Ossetia] Ocherki po istorii narodnogo obrazovaniia v Severnoi Osetii. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1958. 80 p.

DODON, L.L. [Collection of problems and exercises in education] Sbornik zadach i uprazhnenii po pedagogike. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 171 p.

ESEL'SON, I.M. [Shooting as sport in the U.S.S.R.] Strelkovyi sport v SSSR. Moskva, Izd-vo DOSAAF, 1959. 103 p.

GONCHAROV, N.K., and F.F. KOROLEV, eds. [New system of public education in the U.S.S.R.; collection of documents and articles] Novaia sistema narodnogo obrazovaniia v SSSR; sbornik dokumentov i statei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 603 p.

[GRECO-ROMAN AND FREE STYLE WRESTLING; rules for competition] Klassicheskaia i vol'naia bor'ba, pravila sorevnovanii. Moskva, Gos. izd-vo "Fizkul'tura," 1959. 47 p.

GUROVA, R.G. [Children's behavior in public] Povedenie detei v obshchestvennykh mestakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 37 p. (Roditeliam o vospitanii)

IUDOVICH, M.M. [Stories about chess] Rasskazy o shakhmatakh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 108 p.

KOROL'KOV, V.A., and V.A. CHEKHOVER. [Selected problems by A.A. Troitskii] Izbrannye etiudy A.A. Troitskogo. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 183 p.

KOROTKOV, I.M. [Winter camps for Pioneers] Zimnii pionerskii lager'. [Moskva] Izd-vo TsK VLKSM, "Molodaia gvardiia," 1959. 130 p.

KOZLOV, M.S., ed. [Athletic games] Sportivnye igry. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 2. [Basketball, volleyball, tennis, gorodki, fieldball (11:11 and 7:7)] Basketbol, voleibol, tennis, gorodki, ruchnoi miach, 11:11 i 7:7. 1959. 370 p.

KRASNOPEVTSEV, G.M. [Techniques in canoeing, text for physical training groups (lessons for beginners)] Greblia na baidarkakh i kanoe; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 205 p. (V pomoshch' instruktoru-obshchestvenniku)

LOMATS'KYI, MYKHAILO. [Ukrainian teachers in Hutsulia] Ukrains'ke vchytel'stvo na Hutsul'shchyni. Toronto, 1958. 72 p. (Ob'iednannia ukrains'kykh pedagogiv u Kanadi. Pedagogichna biblioteka)
(CtY)

MIKULICH, P.V., and L.P. ORLOV. [Gymnastics; a manual for the sections of physical training for beginners] Gimnastika; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury dlia zaniatii s nachinaiushchimi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 195 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT FIZICHESKOI KUL'TURY. [Sports in foreign countries; track athletics, collected materials] Sport za rubezhom; legkaia atletika. Sbornik materialov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 200 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT FIZICHESKOI KUL'TURY. Sektor zarubezhnogo sporta. [Intermediate and long distance running, according to the English and Hungarian sources] Beg na srednie i dlinnye distantsii; po materialam angliiskikh i vengerskikh avtorov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 133 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA. Pavil'on "Narodnoe obrazovanie SSSR. Vysshaia shkola SSSR." [Guidebook to the "Institutions of Higher Learning" Section] Putevoditel' po razdelu "Vysshaia shkola SSSR." Moskva, 1959. 60 p.

PARF'ONOV, V.O. [Swimming] Plavannia. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 376 p.

POLOVINCHUK, E.N. [From the history of public education in the Amur Valley] Iz istorii narodnogo obrazovaniia v Priamur'e. Blagoveshchensk, Amurskoe knizhnoe izd-vo 1957. 54 p.

RUKHOVICH, S.A. [Role example in academic instruction and character training of students] Rol' primera v obuchenii i vospitanii uchashchikhsia. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 86 p. (Obmen opytom raboty)

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Admission rules and examination requirements for entrance to the institutions of higher learning in 1960] Pravila priema i programmy priemnykh ekzamenov dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1960 godu. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 63 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Economics test themes for correspondence institutions of higher learning and correspondence faculties and departments of institutions of higher learning] Tematika kontrol'nykh i kursovykh rabot po politicheskoi ekonomii dlia zaochnykh vysshikh uchebnykh zavedenii, zaochnykh fakul'tetov i otdelenii vuzov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 39 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Program for the course in economics for institutions of higher education, 150 hours] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (150 chasov). Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 31 p.

SHAKHVERDOV, G.G., ed. [Principles of instruction in physical exercises] Printsipy obucheniia fizicheskim uprazhneniiam; sbornik statei. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 120 p.

[SKIING, RULES FOR COMPETITION] Soiuz sportivnykh obshchestv i organizatsii RSFSR. Lyzhnyi sport, pravila sorevnovanii. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 120 p.

[SOCCER SCHEDULE] Futbol'nyi kalendar'; pervenstvo strany po futbolu. Klass "A," pervyi krug, 1960 god. [Moskva] Izd-vo "Mosk. pravda," 1960. 95 p.

[SOCCER SCHEDULE] Futbol'nyi kalendar'; pervenstvo strany po futbolu. Pervyi krug, 1959 god. [Moskva] Izd-vo "Mosk. pravda," 1959. 96 p.

SOKOLOV, M.P. [Racing on skates] Kon'kobezhnyi sport. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 402 p.

SUDEICHENKO, D.H. [We should strengthen the ties of our schools with life] Zmitsniuvaty zv'iazok shkoly z zhyttiam. [Kharkov] Kharkivs'ke knyzhkove vyd-vo, 1959. 28 p.

SVOBODIN, A.P. [People's universities of culture] Narodnye universitety kul'tury. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 38 p.

TSIRIK, Z.I. [Checker end games] Shashechnyi endshpil'. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 215 p.

VAGRANOV, V.A., and I.A. MEL'NIKOV. [The ski tracks is laid out] Lyzhnia prolozhena. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 190 p.

VASIL'EV, V.L. [Basketball in the Olympics] Basketbol na olimpiadakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 61 p.

[YEAR OF GREAT EVENTS] God bol'shikh sobytii. [IAroslavl', Gos. izd-vo "Fizkul'tura i sport," 1959] 316 p.

9. MUSIC, THEATER & MOTION PICTURES

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. [In creative emulation, theatrical festival on the 40th anniversary of the October Revolution] V tvorcheskom sorevnovanii, teatral'nyi festival' k sorokoletiiu Oktiabria. Moskva, Gos. izd-vo "Iskusstvo," 1958. 261 p
(NN)

CHASINS, ABRAM, and VILLA STILES. [The Van Cliburn legend. Translated from the English. Preface by D.D. Shostakovich] Legenda o Vene Klaiberne. Moskva, Izd-vo inostr. lit-ry, 1960. 231 p.

GAVASHELI, L. [L. Kargareteli; a monography. L. Kargareteli, monografiia. Tbilisi, Izd-vo "Khelovneba"] 1959. 133 p. [In Georgian.]

GINZBURG, L.S. [Eugene Ysaye] Ezhen Izai. Moskva, Gos. muzykal'noe izd-vo, 1959. 108 p.

GLEZER, R.V. Aram Khachaturian. Moskva, Znanie, 1959. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 19)
(MH)

IASTREBTSEV, V.V. [My memories of Nikolai Andreevich Rimskii Korsakov] Nikolai Andreevich Rimskii-Korsakov, vospominaniia. Pod red. A.V. Ossovskogo. Leningrad, Gos. muzykal'noe izd-vo.
Vol. 1. (1886-1897). 1959. 535 p.

[IN THE FIRST YEARS OF THE DEVELOPMENT OF SOVIET MUSIC, articles, reminiscences, materials] V pervye gody sovetskogo muzykal'nogo stroitel'stva, stat'i, vospominaniia, materialy. Leningrad, Sovetskii kompozitor, 1959. 286 p.

KVITKA, H.F. [Matchmaking in Goncharovka, an Ukrainian opera] Svatannia na Honcharivtsi, ukrains'ka opera. Kyiv, Derzhlitvydav, 1959. 65 p.
(MH)

LENINGRAD. GOSUDARSTVENNAIA KONSERVATORIIA. [Essays on the history and theory of music] Ocherki po istorii i teorii muzyki. Pod red. M. Druskina i IU. Tiulina. Leningrad, Gos. muzykal'noe izd-vo, 1958. 170 p.

[MARCH OF YOUTH, a collection of pieces for recital] Marsh molodosti, repertuarnyi sbornik. Moskva, Gos. izd-vo "Iskusstvo," 1960. 109 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 4)

[MUSICAL CALENDAR FOR THE YEAR 1960] Muzykal'nyi kalendar' na 1960 god. [Moskva] Gos. muzykal'noe izd-vo, 1959. 230 p.

[THE MUSICAL CULTURE OF SOVIET TATARIA; collected articles] Muzykal'naia kul'tura sovetskoi Tatarii; sbornik statei. [Moskva] Muzgiz, 1959. 244 p

OBRAZTSOVA, A.G. [Mossovet Theater, an account of its work] Teatr imeni Mossoveta, ocherk tvorcheskogo puti. [Moskva] Iskusstvo, 1959. 233 p.
(MH)

PAZOVSKII, A.M. [The conductor and the singer] Dirizher i pevets. Moskva, Gos. muzykal'noe izd-vo, 1959. 156 p.

SHYRMA, R. [School songbook] Shkol'ny spevnik. Minsk, Dziarzh. vuchebna-pedagog. vyd-va Ministerstva asvety BSSR, 1957. 109 p.
(NN)

SIRANOV, KADYSH. [Kazakh motion-picture art] Kazakhskoe kino-iskusstvo. Alma-Ata, Kazakhskoe gos. izd-vo, 1958. 65 p.
(CLSU)

[SOLDIERS' DANCES] Soldatskie pliaski. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 104 p.

[SONGS OF THE WHITE RUSSIAN PEOPLE; a selection] Pesni belaruskaha naroda, vybranae. Minsk, Dziarzhaunae vyd-va BSSR. Red. muzychnai lit-ry, 1959. 418 p.

SPOSOBIN, I.V. [Musical form, a textbook for a general course in analysis] Muzykal'naia forma, uchebnik obshchego kursa analiza. Izd. 2. Moskva, Gos. muzykal'noe izd-vo, 1958. 407 p.
(NN)

STREPETOVA, P. A. [P.A.Strepetova, the life and work of a tragic actress] P.A.Strepetova, zhizn' i tvorchestvo tragicheskoi aktrisy. Sost. sbornika R.M.Ben'iash. Leningrad, Iskusstvo, 1959. 440 p.
(MH)

TAKTAKISHVILI, G. [Lavrenti Mikheladze; a monograph] Lavrenti Mikeladze, monografiia. Tbilisi, Izd-vo "Khelovneba" 1959. 176 p.

TEATRAL'NOE OBSHCHESTVO UZBEKSKOI SSR. [The Khamza Uzbek State Drama Theater] Gosudarstvennyi ordena Lenina akademicheskii Uzbekskii teatr dramy imeni Khamzy. Tashkent, Gos.izd-vo khudozh.lit-ry UzSSR, 1957. 212 p.

VAGANOVA, A.IA. [Articles, recollections, materials] Stat'i, vospominaniia, materialy. Leningrad, Gos. izd-vo "Iskusstvo," 1958. 41? p.
(IU)

VARTANIAN, VAVIK. [Role of the Russian theater in the development of the Armenian theater] Rol' russkogo teatral'nogo iskusstva v razvitii armianskogo teatra. Erevan, Izd. Armianskogo teatral'nogo obshchestva, 1958. 377 p. [In Armenian.]
(MH)

10. FINE ARTS

ANTONOVA, I.V. [Russian culture during the time of Peter the I, for children of the middle age group] Russkaia kul'tura vremeni Petra I, dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 40 p. (Putevoditeli v pomoshch' po zalam Ermitazha)

[THE ART OF BUKHARA] Iskusstvo Bukhary. Moskva, Gos.izd-vo izobrazit.iskusstva, 1959. [8] p., illus.

BEREZINA, V. N. [Ingres, portrait of N.D.Gur'ev] Engr, portret N.D.Gur'eva. Leningrad, Izd-vo Gos. Ermitazha, 1960. 8 p.

BIALYNITSKII-BIRULIA, V.K. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1960] [8] p.
(DLC)

CHUKOVSKII, K.I. [Repin, recollections] Repin, vospominaniia. Moskva, Gos.izd-vo detskoi lit-ry, 1959. 109 p.
(DLC)

DMITRIEVA, O.I. [Artists of the Italian Renaissance, from the 14th to the 16th century, for children] Khudozhniki ital'ianskogo vozrozhdeniia XIV-XVI vv., dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 47 p. (Putevoditeli v pomoshch' po zalam Ermitazha)

FOMICHEVA, T.D. [Views of Dresden and Pirna, Architectural landscapes by Bernardo Bellotto] Vidy Drezdena i Pirny. Arkhitekturnye peizazhi Bernardo Belotto. Leningrad, Izd-vo Gos. Ermitazha, 1959. 14 p., illus.

GANKINA, E.Z. Elena Aleksandrovna Kiseleva. [Moskva] Sovetskii khudozhnik, 1959. 90 p., illus.

[illegible], V.K. [Nikolai Poussin, "Landscape with Polyphemus"] Nikola Pussen, peizazh s polifemom. Leningrad, Izd-vo Gos. Ermitazha, 1960. 10 p.

GORBUNOVA, K.S. [The culture and art of ancient Greece, for teen age children] Kul'tura i iskusstvo drevnei Gretsii, dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 40 p. (Putevoditeli v pomoshch' po zalam Ermitazha)

ISMAILI MUZAFALAR. [illegible] Translated from the Uzbek] [illegible] 1959. 98 p. (Dekada uzbekskogo iskusstva i literatury v Moskve [illegible])
(MH)

IUON, K.F. [Art] Ob iskusstve. Moskva, Sovetskii khudozhnik, 1959. 1 v.
(NNC)

[A JUBILEE EXHIBITION OF ART OF THE UKRAINIAN S.S.R., dedicated to the 40th anniversary of the Great October Socialist Revolution] Iuvileina khudozhnia vystavka Ukrains'koi RSR, prysviachena 40-richchiu Velykoi Zhovtnevoi sotsialistychnoi revoliutsii. [Kyiv] Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi literatury URSR 1959. 14 p., illus.

KOROVKEVICH, S.V. Mikhail Georgievich Platunov. Leningrad, "Khudozhnik RSFSR," 1959. 37 p., illus.

KROL', A.E. [Joshua Reynolds' "The infant Hercules strangling the serpent sent by Hera] Dzhoshua Reinol'ds. Mladenets Gerakl, udushaiushchii zmei, poslannykh Geroi. Leningrad, Izd-vo Gos. Ermitazha, 1960. 11 p.

KROL', A.E. [Thomas Gainsborough, portraits of the Duchess of Beaufort] Tomas Geinsboro, portret gertsogini de Bofor. Leningrad, Izd-vo Gos. Ermitazha, 1960. 12 p.

KUYBYSHEV. KHUDOZHESTVENNYI MUZEI. [I.I. Shishkin, 1832-1898, on the 125th anniversary of his birth] I.I.Shishkin, 1832-1898, k 125-letiiu so dnia rozhdeniia. [Kuibyshev] Izd. Muzeia, 1957. 11 p.
[MICROFILM]

LAZAREV, V.N. [The origins of the Italian Renaissance in three volumes] Proiskhozhdenie ital'ianskogo vozrozhdeniia v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Art of the fourteenth century] Iskusstvo trechento. 1959. 684 p.

LENINGRAD. ERMITAZH. [From Callot to Toulouse-Lautrec, an exhibition of French engravings and lithographs from the 17th to the beginning of the 20th century. A catalog] Ot Kallo do Tuluz-Lotreka; vystavka frantsuzskoi gravury i litografii XVII-nachala XX vekov. Katalog. Leningrad, Izd-vo Gos. Ermitazha, 1960. 51 p., illus.

LENINGRAD. ERMITAZH. [The Hermitage, paintings] Gosudarstvennyi Ermitazh, zhivopis'. [Leningrad] Gos. izd-vo izobrazit. iskus., 1958. 41 p., illus. (Khudozhestvennye sokrovishcha SSSR)

LENINGRAD. ERMITAZH. [The West European landscape of the 16th-20th century (paintings, engravings, applied art), a catalog] Zapadnoevropeiskii peizazh XVI-XX vekov (zhivopis', grafika, prikladnoe iskusstvo), katalog. Leningrad, 1959. 11 p., illus.

[MONUMENTS OF CHINESE ART IN MUSEUMS OF THE U.S.S.R.] Pamiatniki iskusstva Kitaia v muzeiakh SSSR. Moskva, Gos.izd-vo izobrazit.iskusstva, 1959. 11 p., illus.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHUDOZHESTVENNOI PROMYSHLENNOSTI. [Art industries of the R.S.F.S.R., a reference manual] Khudozhestvennye promysly RSFSR, spravochnik. Moskva, [illegible], 1958. 109 p.
(MH)

NOVGOROD (Province) Inspektsiia po okhrane pamiatnikov. [Architectural monuments of Novgorod; Church of St. John the Divine] Pamiatniki arkhitektury Novgoroda, tserkov' Ioanna Bogoslova. [Novgorod] Izdanie gazety "Novgorodskaia pravda," 1959. 10 p. (Novgorodu 1100 let)

NOVGOROD (Province) Inspektsiia po okhrane pamiatnikov. [Architectural monuments of Novgorod, Vladyka's courtyard of the Kremlin] Pamiatniki arkhitektury Novgoroda, Vladychnyi dvor Kremlia. [Novgorod] Izdanie gazety "Novgorodskaia pravda," 1959. 26 p. (Novgorodu 1100 let)

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [The Cathedral of St. Sophia, a national preserve in Kiev, an architectural monument of the period from the eleventh to the eighteenth century] Sofiiskii zapovednik v Kieve, pamiatnik arkhitektury, XI-XVIII vv. Kiev, Gos.izd-vo lit-ry po stroitel'stvu i arkhitekture USSR, 1959. 43 p., illus. (Pamiatniki arkhitektury Ukrainskoi SSR)

SAVRASOV, A.K. [Aleksei Kondrat'evich Savrasov, an album of reproductions] Aleksei Kondrat'evich Savrasov, al'bom reproduktsii. Moskva, Gos.izd-vo izobrazit. iskus., 1959. 13 p.
(KU)

SEROV, V.A. [Vladimir Aleksandrovich Serov, selected works] Vladimir Aleksandrovich Serov, izbrannye proizvedeniia. Moskva, Sovetskii khudozhnik, 1958. [4] p.
(RPB)

SHAPIRO, IU.G. [The culture and art of China, for teen age children] Kul'tura i iskusstvo Kitaia, dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 47 p. (Putevoditeli v pomoshch' po zalam Ermitazha)

SHPAKOV, A.P. [Oleksandr Oleksandrovych Murashko, an account of his life and works] Oleksandr Oleksandrovych Murashko, narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 36 p., illus.

URUSHADZE, I.A. IAk. Nikoladze. Tbilisi, Zaria Vostoka, 1954. 8 p.
(CLU)

11. LANGUAGE, LITERATURE & FOLKLORE

ABRAMOWITZ, SHALOM JACOB. [Travels of Benjamin III. Fishka, the lame] Puteshestvie Veniamina III. Fishka Khromoi. Moskva, Goslitizdat, 1959. 423 p. [Publ. under his pseud. Mendele Mokher Sforim. In Yiddish.]

ADAMIAN, N.G. [Girl from the Ministry; tales and stories] Devushka iz Ministerstva, povesti, rasskazy. Moskva, Sovetskii pisatel', 1959. 307 p.
(MH)

ADZHIEV, ANVAR. [With me to the mountains, verse. Translated from the Kumyk] Ko mne v gory; stikhi. Moskva, Sovetskii pisatel', 1959. 111 p.
(MH)

AGABABIAN, S.B. [Avetik Isaakian. Erevan, Armianskoe gos. izd-vo, 1959. 355 p. [In Armenian.]
(MH)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazyka i literatury. [Russian-Kazakh terminological dictionary] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata.
Vol. 3. [Terminology in geology] Terminy po geologii. 1960. 200 p.
Vol. 4. 1960. 185 p.

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Problems in grammar, collection of articles marking the 75th birthday of Academician I.I. Meshchaninov] Voprosy grammatiki; sbornik statei k 75-letiiu akademika I.I.Meshchaninova. Moskva, Izd-vo Akad. nauk SSSR, 1960. 471 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [A history of Soviet Russian literature in three volumes] Istoriia russkoi sovetskoi literatury v trekh tomakh. Moskva.
Vol. 2. 1929-1941 gg. 1960. 633 p.

AKADEMIIA NAUK SSSR. Institut russkogo iazyka. [Russian language grammar] Grammatika russkogo iazyka. Moskva.
Vol. 1. [Phonetics and morphology] Fonetika i morfologiia. 1960. 719 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [Russian literature] Russkaia literatura. Leningrad, 1958. 1 v.
(CtSU)

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Hindi and Urdu, problems in lexicology and word formation] Khindi i urdu, voprosy leksikologii i slovoobrazovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1960. 238 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut iazyka i literatury. [Uzbek-Russian dictionary] Uzbeksko-russkii slovar'. Svyshe 40000 slov. Glav. red. A.K.Borovkov. Moskva, Gos. izd-vo inostrannykh i natsional'nykh slovarei, 1959. 800 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Study of pupils in the process of teaching literature, from work practice] Izuchenie uchashchikhsia v protsesse prepodavaniia literatury, iz opyta raboty. Pod red. N.I.Kudriashova i N.D.Moldavskoi. Moskva, 1959. 158 p.

ALDRIDGE, JAMES. [Heroes of the empty view. Translated from the English] Geroi pustynnykh gorizontov. Moskva, Izd-vo inostr. lit-ry, 1959. 401 p.
(OCl)

ALEKSANDROV, V. [Ninth star, stories] Deviataia zvezda; rasskazy. Tashkent, Goslitizdat UzSSR, 1959. 163 p.
(MH)

ALEKSANDROVICH, STSIAPAN. [Along unforgotten roads] Nezabyunymi stsezhkami. Minsk, Dziarzh. vuchebna-pedagag. vyd-va BSSR, 1959. 111 p.
(MH)

ALEKSEEV, S.P. [Son of a plant] Syn zavoda. [Moskva] Molodaia gvardiia, 1959. 159 p.
(MH)

ALIEV, G.IU. [The legend of Khusraw and Shirin in the literatures of the peoples of the East] Legenda o Khosrove i Shirin v literaturakh narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 168 p.

A 11

ALIEV, U.B. [Problems of complex clauses in the Russian and Turkic languages; based on data for Russian, Karachay, Balkar, and Kirghiz] Voprosy slozhnogo predlozheniia v russkom i tiurkskikh iazykakh, na materialakh russkogo, karachaevskogo, balkarskogo i kirgizskogo iazykov. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1959. 1 v.
(MH)

ALTUKHOU, MIKOLA. [Explosion, a play] Vybukh, drama. Minsk, Dziarzh. vyd-va BSSR, 1959. 80 p.
(MH)

ANDIIEVS'KA EMMA. [Verse] Poezii [n.p.] 1951. 26 p.

ANDRIĆ, IVO. [Chronicle of Travnik, the time of consuls Translated from the Serbo-Croatian] Travnitskaia khronika, konsul'skie vremena. Moskva, Gos.izd-vo khudozh.lit-ry, 1958. 453 p
(CU)

ANOUILH, JEAN. [Lark. Translated from the French] Zhaivoronok. Toronto, 1959. 971 p.
(CaOTU)

ANTONOV, A.A. [Tale about the past] Povest' o bylom. Moskva, Sovetskii pisatel', 1959. 419 p.
(MH)

ANTOSHIN, K.F. [Russian writers on Khakassia] Russkie pisateli o Khakasii Abakan, Khakasskoe knizhnoe izd-vo, 1958. 133 p.
(MH)

ARIF, MAMED. [Literature of the Azerbaijani people] Literatura azerbaidzhanskogo naroda. Baku, Azerbaidzhanskoe gos.izd-vo, 1958. 84 p.

ASATRIAN, A.A. [History of Armenian literature of the socialist renaissance, an essay] Is istorii armianskoi literatury sotsialisticheskogo vozrozhdeniia, ocherk. Erevan, Arm.gos.izd-vo 1959. 288 p. [In Armenian.]
(MH)

ASEEV, N.N. [The best, a book of verse] Samoe luchshee, kniga stikhov. [Moskva] Molodaia gvardiia, 1959. 302 p.
(MH)

ATITIAN, G.N. Ruben Sevak Erevan, Armianskoe gos.izd-vo, 1959. 85 p. [In Armenian.]
(MH)

BABAEVSKII, S.P. [Light over the earth, a novel] Svet nad zemlei; roman. Moskva, Sovetskii pisatel', 1959.
(MH)

BADMAEV, TS.B. [Winged steppe. Translated from the Buryat] Step' krylataia. Moskva, Molodaia gvardiia, 1959. 61 p.
(CLU)

BALDANO, NAMZHIL. [Selected works, plays. Translated from the Buryat] Izbrannoe, p'esy. Moskva, Sovetskii pisatel', 1959. 354 p
(MH)

BALZAC, HONORE DE. [Collection of works in 24 volumes] Sobranie sochinenii v 24 tomakh. Moskva, Biblioteka "Ogonek," Izd-vo "Pravda."
Vol. 9. [The human comedy] Chelovecheskaia komediia. 1960. 506 p.

BARYSENKA, V.V., ed. [Our literature, an anthology for the tenth grade] Rodnaia litaratura, khrestamatyia dlia X klasa. Vyd.12. Minsk, Dziarzh.vuch-pedagag. vyd-va M-va asvety BSSR, 1959. 275 p.
(RPB)

BASENKO, K.IA. [For new results, satire and humor] Do novykh vinykiv, satyra i humor. Kyiv, Radians'kyi pys'mennyk. 1959. 87 p.
(MH)

BASKINA, A., comp. [Examples from life, works by foreign authors; a collection for recitation] Primery iz zhizni, proizvedeniia zarubezhnykh pisatelei; repertuarnyi sbornik. Moskva, Iskusstvo, 1959. 96 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no.19)
(MH)

BATIN, M.A. Pavel Petrovich Bazhov, 1879-1950. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 312 p.
(MH)

BATYRAI. [Songs. Translated from the Dargin] Pesni. Moskva, Goslitizdat, 1959. 107 p.
(CLU)

BAZHKO, ALES'. [Before September; a tale] Perad verasnem; apovests'. Minsk, Dziarzh. vyd-va BSSR, 1959. 183 p.
(MH)

BEDNIKOV, A.S. [Russia language, a manual for non-Russian teachers' schools] Russkii iazyk, uchebnoe posobie dlia nerusskikh pedagogicheskikh uchilishch. Izd.2. Moskva, Uchpedgiz.
Vol. 2. 1959.
(NNC)

BEISHENALIEV, SHUKURBEK. [Road to happiness. Translated from the Kirghiz] Put' k schast'iu; roman. Moskva, Molodaia gvardiia, 1958. 283 p.
(CLU)

BELUGIN, V.A. [In one's native element] Rodnaia stikhiia. Perm', Permskoe knizhnoe izd-vo, 1959. 192 p.
(MH)

BLAGININA, E.A. [Alenushka. Moskva, Gos.izd-vo detskoi lit-ry, 1959. 47 p.
(MiD)

BLAGOV, N.N. [Dawn] Dennitsa. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1959. 45 p.
(MH)

BORODIN, S.P. [Stars over Samarkand, a trilogy] Zvezdy nad Samarkandom, trilogiia. Tashkent, Goslitizdat. Uzbekskoi SSR.
Vol. 2. 195-
(CLU)

BORSHCHAGOVSKII, A.M. [Alarming clouds, a tale] Trevozhnye oblaka, povest'. Moskva, Sovetskaia Rossiia, 1959. 163 p.
(MH)

BRAGINSKII, I.S. [Life and works of Sadriddin Aini] Zhizn' i tvorchestvo Sadriddina Aini. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 197 p.
(NNC)

BUKOVSKII, K.I. [Landmarks of time, sketches] Vekhi vremeni, ocherki. Moskva, Sovetskii pisatel', 1959. 302 p.
(MH)

BULYGIN, N.F., and L.I. USHAKOVA, comps. [Indonesian-Russian pocket dictionary] Karmannyi indoneziisko-russkii slovar'. Pod red. Sukhadiono. Okolo 8 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 301 p.

BUSHE, I. [Rogue of Athos, a comedy] Afons'kyi proidysvit, komediia. Kyiv, Derzhlitvydav, 1959. 67 p. (Samodiial'nyi teatr)
(MH)

ČAPEK, KAREL. [Plays] P'esy. Moskva, Iskusstvo, 1959. 526 p. (Biblioteka dramaturga)
(CLU)

CHERKASHINA, L.E. [Narrative of the Donets Basin, sketches] Donetskaia byl'; ocherki. Kiev, Radians'kii pis'mennik, 1959. 229 p.
(MH)

CHERNIAVS'KYI, M.F. [Poems] Poezii. Kyiv, Radians'kyi pys'mennyk, 1959. 476 p. (Biblioteka poeta)
(MH)

CHORNY, KUZ'MA. [Third generation, a novel] Tretsiae pakalenne, raman. Minsk, Dziarzh. vyd-va BSSR, 1959. 248 p.
(MH)

[COUNTERFEIT COINS. Translated from the Spanish] Fal'shivye monety. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 66 p. (Massovaia biblioteka rabochego)

[CROOKED DUCKLING, a Russian fairy tale] Krivaia utochka, russkaia narodnaia skazka v obrabotke A.N. Tolstogo. Moskva, Gos. izd-vo detskoi lit-ry, 1958. 11 p.
(IEN)

DAMDINSUREN, TSEDEM. [Selected works. Translated from the Mongolian] Izbrannoe. Moskva, Goslitizdat, 1958. 217 p.
(CU)

DEL'VIG, A.A. [Complete collected poems] Polnoe sobranie stikhotvorenii. Leningrad, Sovetskii pisatel', 1959. 368 p. (Biblioteka poeta. Bol'shaia seriia, Izd. 2.)
(MH)

DEMENT'EV, N.I. [Verse] Stikhotvoreniia. Moskva, Gos.izd-vo, khudozh.lit-ry, 1959. 111 p.
(NIC)

DIKOVSKII, S.V. [Patriots; selected works] Patrioty, izbrannoe. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 505 p.

DIMAROV, ANATOLII. [A woman with a child, stories and tales] Zhinka z dytynoi, opovidannia i povisti. Kyiv, Radians'kyi pys'mennyk, 1959. 296 p.
(MH)

DNEPROV, V.D. [Problems of realism] Problemy realizma. Leningrad, Sovetskii pisatel', 1960. 350 p.

DOBROVOL'SKAIA, IU A., comp. [Italian-Russian pocket dictionary] Karmannyi ital'iansko-russkii slovar' 7000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 408 p.

DOBROVOL'SKAIA, IU A., and M.A. MIZIANO, comps. [Russian-Italian pocket dictionary] Karmannyi russko-ital'ianskii slovar'. Okolo 8 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959 443 p.

DONCHUK, ZOSYM. [Across the river] Cherez richku. Buenos-Aires, Peremoha, 1959. 156 p.
(MH)

DONCHUK, ZOSYM. [Dark days, a story] Chorni dni; opovidannia. Buenos-Aires, Peremoha, 1952. 140 p.
(MH)

DOROSHENKO, I.I. [Hello, comrade!, partisan's notebook] Zdrastui, sudruh, partyzans'ki zapysky. Kyiv, Radians'kyi pys'mennyk, 1959. 257 p.
(MH)

DOROSHENKO, K.P. [T.H. Shevchenko and the Slavs] T.H. Shevchenko i slov'iany. Kyiv, 1958. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. XII, no. 9)

DOSTOEVSKII, F.M. [Letters] Pis'ma. Moskva, Gos. izd-vo khudozh.lit-ry, 1928-1959. 1 v.
(IU)

DROBLENKOVA, N.F. ["New tale of the glorious kingdom of Russia" and patriotic literary propaganda contemporaries with it] Novaia povest' o preslavnom Rossiiskom tsarstve i sovremennaia ei agitatsionnaia patrioticheskaia pis'mennost'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 236 p.

DUNAEV, S.D. [Selected verse] Izbrannye stikhi. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 120 p.
(MH)

DZHABARLY, DZHAFAR. [Plays] P'esy. Baku, Azerbaidzhanskoe gos. izd-vo, 1958. 357 p.
(CU)

DZHIMIEV, G.S. [Dark clouds; a play. Translated from the Ossetic] Chernye tuchi; p'esa. Moskva, Iskusstvo, 1959. 78 p.
(MH)

EDEL', M.V. [Important passenger, humorous stories] Vazhnyi passazhir, iumoristicheskie rasskazy. Moskva, Sovetskii pisatel', 1959. 204 p.
(MH)

EGOROV, B.A. [A drop of attention; humorous stories and feuilletons] Kaplia vnimaniia; iumoristicheskie rasskazy i fel'etony. Moskva, Sovetskii pisatel', 1959. 241 p.
(MH)

EGOROV, B.F. [N.A. Dobroliubov, collector and investigator of the folk art in the Nizhniy Novgorod Government] N.A. Dobroliubov - sobiratel' i issledovatel' narodnogo tvorchestva Nizhegorodskoi gubernii. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 95 p.

EGUNOVA, N.A. [English. A textbook of the English language for the 8th grade] English. Uchebnik angliiskogo iazyka dlia VIII klassa. Moskva, Uchpedgiz, 1958. 175 p.
(CLU)

EHRENBURG, I.G. [The fall of Paris, a novel] Padenie Parizha; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 493 p.
(NjR)

ELISEEV, A., ed. [Yesterday, today, and tomorrow; sketches] Vchera, segodnia, zavtra; ocherki. Gor'kii. Gor'kovskoe knizhnoe izd-vo, 1959. 285 p.
(MH)

ERGALIEV, KHAMID. [Four poems] Chetyre poemy. Moskva, Goslitizdat, 1958. 229 p.
(CLU)

ERTEL', A.I [Young lady from Volkhonka; Younger generation, Strukov's career] Volkonskaia baryshnia; Smena; Kar'era Strukova. Moskva, Goslitizdat, 1959. 822 p.
(MH)

FADEEV, A.A. [During thirty years, selected articles, speeches, and letters on literature and art] Za tridtsat' let, izbrannye stat'i, rechi i pis'ma o literature i iskusstve. Izd. 2. Moskva, Sovetskii pisatel', 1959. 991 p.
(CtY)

FAKTAROVICH, D.IA., V.M.TSIMAFEEVA, and N.I.LAPIDUS. [White Russian literature in foreign countries] Belaruskaia litaratura za miazhoi. Minsk, 1958. 42 p.

FAULKNER, WILLIAM. [Trouble maker, stories] Podzhigatel', rasskazy. Moskva, Pravda, 1959. 78 p. (Biblioteka Ogonek, 45)
(MH)

FEDĀ'Ī, MOHAMMAD EBN ZEYN AL-'ĀBEDĪN. [History of Ismailism] Kitāb bi khidāiat al-mu'minīn at-tālibīn ("Istoriia ismailizma"). Po tadzhikskoi rukopisi izdal, predisl. i primechaniiami snabdil A. A. Semenov. Moskva, Izd-vo vostochnoi lit-ry, 1959. 23, 221 p. (Pamiatniki literatury narodov Vostoka Teksty. Malaia seriia, vol. 1)

FEDULKIN, S.I. [Makarka's times] Makarkino vremia. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 109 p.
(MH)

FILIPCHUK, A.V. [Gay sun, a first book of verse] Veseloe solntse, pervaia kniga stikhov. [Moskva] Molodaia gvardiia, 1959. 110 p.
(MH)

FLOROV, G.F. [Oka, the Siberian; verse] Oka-sibiriachka; stikhi. Moskva, Sovetskii pisatel', 1959. 63 p.
(MH)

FRANKO, IVAN. [Abu Kasimov's slippers] Abu Kasimovi kapisi. Niu-Iork, "Goverla," 1955. 109 p.
(InU)

GABARAEV, S.SH. [Kosta Khotagurov's outlook on life] Mirovozzrenie Kosta Khetagurova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959 241 p.

GADZHIEV, D.KH. ["Molla Nasreddin"; on the 50th anniversary of the periodical] "Molla Nĕsrĕddin", zhurnalynyn 50 illiii múnasibĕtilĕ okhunmush muzhazirĕnin stenogramy. Baky, 1956. 41 p. [In Azerbaijani.]

GAFURI, MAZHIT. pseud. [Selected works] Saílanma ĕsĕrlĕr. Kazan. Tatknigoizdat, 1953-1954. 2 v. [In Tatar.]
(WaU)

GALIEV, ANATOLII. [Warm stars, satire and humor] Teplye zvezdy, satira i iumor. Alma-Ata, Kazakhskoe goslitizdat, 1959. 161 p
(MH)

GALIMOV, R.Z. [The lion does not retrace its tracks; a novel] Lev ne vozvrashchaetsia po sledu, roman. Tashkent, Goslitizdat, 1959. 191 p. (Dekada iskusstva i literatury Uzbekskoi SSR)
(MH)

GARIPOV, T.M. [Formation of norms, adjectives, numerals, and pronouns in the Bashkir language] Bashkirskoe imennoe slovoobrazovanie. Ufa, Akad. nauk SSSR. Bashkirskii filial in-ta istorii, iazyka i lit-ry, 1959. 220 p.

GELASHVILI, V.S. [Ways of reflection] Puti razmyshleniia. Stalinir, Gruzglavizdat, 1959. 101 p. [In Georgian.]
(MH)

GERMAN, IU.P. [Young Russia. Abridged edition for older children] Rossiia molodaia. Izd. sokrashchennoe, literaturno-obrab. dlia detei starshego vozrasta. Leningrad, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1958. 694 p.

GLEBOVA, T.G. [Liuba Sheveleva's "glory"; a one-act play] "Slava" Liuby Shevelevoi; odnoaktnaia p'esa. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 23 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 7)

GORBUNOV, N.K. [Minutes of life; a tale, stories, and miniatures] Minuty zhizni, povest', rasskazy, miniatiury Moskva, Sovetskii pisatel', 1959. 175 p.
(MH)

GOR'KII, MAKSIM. [Old Izergil; Lower depths; Mother; V.I. Lenin] Starukha Izergil'; Na dne; Mat'; V.I. Lenin. Izd, 3 , Moskva, Gos.uchebno-pedagog.izd-vo, 1958. 364 p. (Biblioteka shkol'nika)
(DeU)

GRANIN, D.A. [After the wedding; a novel] Posle svad'by; roman. Leningrad, Sovetskii pisatel', 1959. 468 p.
(CU)

GRANIN, D.A[After the wedding, a novel] Posle svad'by, roman. Leningrad, Sovetskii pisatel', 1959. 476 p.
(NN)

GRIDNEV, P.IA. [On the way, verse] V put', stikhi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1958. 60 p.
(MH)

GROSHEV, A.N. [Portrayal of V.I. Lenin on the screen] Obraz V.I. Lenina na ekrane. Moskva, Izd-vo "Znanie," 1960 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 6)

GRUNTS, L.K. [Karabakh poem, a tale] Karabakhskaia poema; povest'. Erevan, Armianskoe gos.izd-vo, 1959 597 p.
(MH)

GULIAM, G.G. [Selected works, verse. Translated from the Uzbek] Izbrannoe, stikhi. Moskva, Sovetskii pisatel', 1958. 239 p.
(CU)

GULIAM, KHAMID. [Torch, a novel] Svetoch; roman. Tashkent, Gos.izd-vo khudozh.lit-ry Uzbekskoi SSR, 1958. 325 p.
(CU)

GUSEIN, MEKHTI. [Selected works. Translated from the Azerbaijani] Izbrannye proizvedeniia. Moskva, Goslitizdat, 1959. 742 p.
(CU)

GUSEIN, SEID. [Stories] Rasskazy. Baku, Azerbaidzhanskoe gos.izd-vo, 1959. 130 p.
(CLU)

[HEART'S JOY; a literary collection by Ingush writers] Dega gloz; glalglai pisatelii literaturan sbornik. Frunze, Kirgizpachkh'alkkhizdat, 1957 251 p. [In Chechen]

HERASYMENKO, IU.H. [To my adherents; verse] Moim odnodumtsiam, poezii. [Kharkiv] Kharkivs'ke knyzh.vyd-vo, 1959. 93 p.
(MH)

HONCHARENKO, I.I. [Selected works] Vybrane. Kyiv, Derzhlitvydav, 1959. 500 p.
(MH)

HROKHA, L.P. [Overcoat with pleats; humorous sketches] Bekesha, humoresky. Kyiv, Radians'kyi pys'mennyk, 1959. 109 p.
(MH)

HROMENKO, M. [On a great raid] U velykomu reidi. Miunkhen, Do zbroi, 1950. 188 p.
(MiD)

[HUNDRED PARSEE ROAD; science fiction novels and stories] Doroga v sto parsekov; nauchno-fantasticheskie povesti i rasskazy. [Kiev] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 283 p.

HUREIV, OLEKSA. [Friends do not fail you; tales and stories] Druzi ne zradzhuiut', povisti ta opovidannia. Kyiv, Molod', 1959. 261 p.
(MH)

HUSEIN. MEKHTI. [Dzhavanshir; a play. Translated from the Azerbaijani] Dzhavanshir; drama. Moskva, Iskusstvo, 1959. 83 p.
(MH)

IAMSHCHIKOVA, M.V. [Powerful blind man; a historical novel] Moguchii slepets; istoricheskii roman. [Moskva] Molodaia gvardiia, 1959. 373 p. [Author's pseud. A.Altaeva.]
(MH)

IANDIEV, DZHEMALDIN. [Verse. Translated from the Ingush] Stikhotvoreniia. Moskva, Sovetskii pisatel', 1958. 133 p.
(CLU)

IARTSEVA, V.N. [An historical morphology of the English language] Istoricheskaia morfologiia angliiskogo iazyka. Moskva, Izd-vo Akad.nauk SSSR, 1960. 194 p.

IEVLAMPIIEV, V.V. [Arise, young men of Carpathia, a heroic, romantic drama] Vstan'te lehini; heroiko-romantychna drama. Kyiv, Derzhlitvydav, 1959. 72 p.
(MH)

[INDIOSOLUBLE FRIENDSHIP; on the 10th anniversary of the Chinese People's Republic. Repertory selections for amateur art activities in the Army and Navy] Nerushimaia druzhba; k 10-letiiu Kitaiskoi Narodnoi Respubliki. Repertuarnyi sbornik dlia armeiskoi i flotskoi khudozhestvennoi samodeiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 135 p.

IOTOV, M.I., and N.N.PONOMAREVA, comps. [Concise Bulgarian-Russian dictionary] Kratkii bolgarsko russkii slovar'. Okolo 29 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 582 p.

ISHEEV, P.P. [Fragments of the past; reminiscences from 1889 to 1959] Oskolki proshlogo, vospominaniia 1889-1959. Niu-Iork, 1959. 160 p.

IUDASIN, L.S. [Who kindles the signal fires] Kto zazhigaet signal'nye ogni. Moskva, Trudrezervizdat 1959, 208 p.
(MH)

IVANOV, G.F. [Ballad about the leader] Duma o komandire. [Orel] Orlovskoe knizhnoe izd-vo, 1959 44 p.
(MH)

IVANOV, IU.N. [Restless people, a one-act play] Bespokoinye, p'esa v odnom deistvii. Moskva, Izd-v "Sovetskaia Rossiia," 1960. 21 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 6)

KADYROV, PRIMKUL. [Three roots; a novel. Translated from the Uzbek] Tri kornia; roman. Moskva, Molodaia gvardiia, 1959. 362 p.
(CLU)

KAKHKHAR, ABDULLA. [Mirage; a novel. Translated from the Uzbek] Mirazh; roman. Tashkent, Goslitiz 1959. 278 p. (Dekada iskusstva i literatury Uzbeksko SSR)
(MH)

KAPUSTSIN, A.P. [The court is in session, story and a tale] Sud idze, apaviadanni, apovests'. Minsk, Dziarzh. vyd-va BSSR, 1959. 143 p.
(MH)

KARELIN, L.V. [Hope and love; a tale] Nadezhda i liubov'; povest'. Moskva, Sovetskaia Rossiia, 1959. 165 p.
(MH)

KARPIUK, ALIAKSEI. [Two pine trees, tales and stories] Dzve sasny; apovestsi i apaviadanni. Minsk Dziarzh.vyd-va BSSR, 1958. 316 p.
(NN)

KASIANKOU, MIKHAS'. [Paths and roads, a novel] Stsezhki-darozhki, raman. Vyd. 3. Minsk, Dziarzh. vyd-va BSSR, 1959. 359 p.
(MH)

KASSIL', L.A. [Gatekeeper of the republic; a novel] Vratar' respubliki, roman. Moskva, Sovetskii pisate 1959. 311 p.
(MH)

KATERLI, ELENA. [Nekrasov; a novel] Nekrasov; roman. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 277 p.
(MiDW)

KATINOV, V.V., comp. [For the sake of life on earth; a collection] Radi zhizni na zemle; sbornik. Moskva, Voen. izd-vo, 1959. 663 p.
(MH)

KATKOV, N.I. [Thawing snow of spring; a tale] Vesenniaia kapel'; povest'. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 141 p.
(MH)

[KAZAKH SAYINGS AND PROVERBS] Kazaktyn makaldary men mĕteldĕri. Zhinapkurastyrgan Otebai Turmanzhanov. Tolyktyrylyp ekinshi ret basyluy. Almaty, Kazaktyn memlekettik korkem ĕdebiet baspasy, 1959. 301 p. [In Kazakh.]

KAZANSKAIA, A.K., and others. [Russian literature; a textbook for grade 9 of the non-Russian secondary school] Russkaia literatura; uchebnik dlia IX klassa nerusskoi srednei shkoly. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 264 p.

KEDRIN, D.B. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Goslitizdat, 1959. 230 p. (Bibliotel sovetskoi poezii)
(MH)

KHALVASHI, FRIDON. [If you love one; verse and poems. Translated from the Georgian] Esli liubish' cheloveka; stikhi i poemy. Moskva, Sovetskii pisatel' 1959. 174 p.
(MH)

KHAMZA, KH.N. [Selected works. Translated from the Uzbek] Izbrannoe. Moskva, Goslitizdat, 1959. 247 p.
(MH)

KHETAGUROV, K.L. [Verse and poems] Stikhotvoreniia i poemy. Leningrad, Sovetskii pisatel', 1959. 352 p. (Biblioteka poeta. Malaia seriia, Izd.3)
(MH)

KHODOVA, K.I. [Linguistic relationship of the Slavic peoples, based on vocabulary] IAzykovoe rodstvo slavianskikh narodov, na materiale slovaria Moskva, Gos uchebno-pedagog izd-vo M-va prosv. RSFSR, 1960. 63 p.

KHOMICH, I F. [We have returned, as told to E. Levakovskaia] My vernulis' Literaturnaia obrabotka E. Levakovskoi. Moskva, Voen izd-vo M-va obor. SSSR, 1959. 140 p.

KHROMETS, N.G., and A P. VEISMAN. [Russian language textbook for non-Russians] Uchebnik russkogo iazyka dlia nerusskikh Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Pt. 2. [Syntax] Sintaksis. 1960. 274 p

KLIMOVICH, L.I. [History of the literatures of the Soviet East] Iz istorii literatur Sovetskogo Vostoka. Moskva, Goslitizdat, 1959. 349 p
(MH)

KNIAZEV, V.V. [Selected works] Izbrannoe. Leningrad, Sovetskii pisatel', 1959. 198 p.
(MH)

KOLESNIKOV, IU.A. [It is darkest just before the dawn, a novel] T'ma sgushchaetsia pered rassvetom, roman Kishinev, Kartia Moldoveniaske, 1959. 465 p
(MH)

KOLOKOL'TSEV, N.V. [Russian literature, a textbook for the third course in teachers' colleges] Russkaia literatura; uchebnik dlia 3 kursa pedagogicheskikh uchilishch. Izd. 5. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 190 p.
(NNC)

KOLOMIIETS', V.R. [To the hearts of our people] Do sertsia liuds'koho. Kyiv, Molod', 1959. 86 p.
(MH)

[KOMI ORTHOGRAPHIC DICTIONARY] Komi orfograficheskoi slovar'. Syktyvkar, Komi knizhnoi izd-vo, 1959. 244 p. [In Komi.]

KOMIAKOV, V.A. [Garrison N, a novel] Garnizon N, roman. Vladivostok, Primorskoe knizhnoe izd-vo, 1959. 339 p.
(MH)

KOMZIN, I.V. [This is happiness] Eto i est' schast'e. [Moskva] Molodaia gvardiia, 1959. 234 p.
(MH)

KONVISAR, V.T. [Red regiments marched, stories and sketches] Ishly polky chervonii, opovidannia i narysy. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 1J0 p.
(MH)

KORNIICHUK, OLEKSANDR. [Plays] P'iesy. Kyiv, Derzhlitvydav, 1959. 668 p.
(MH)

KORZHENEVSKAIA, I.V. [The girl Tsartasakha, a novel] Devochka-TSartsakha, roman. Kuibyshev [Kuibyshevskoe izd-vo] 1959 272 p.
(MH)

KOZHEVNIKOV, I.S. [Morning of my life, a tale] Utro moei zhizni, povest'. Barnaul, Altaiskoe knizhnoe izd-vo, 1958. 200 p.
(MH)

KOZHEVNIKOV, V.M [Great highway] Bol'shaia magistral'. Moskva, Izd-vo "Pravda," 1960. 61 p. (Biblioteka "Ogonek," no. 17)

KOZHIN, A.I. [Song in the mountains] Pesnia v gorakh. [Moskva] "Molodaia gvardiia," 1959. 206 p., illus.
(DS)

KOZLANIUK, P.S. [Rats in a barrel; satire and humor] Krysy v bochke, satira i iumor. Moskva, Sovetskii pisatel', 1959. 265 p.
(MH)

KRAVCHENKO, IE.S. [Notes and herrings; humorous sketches] Noty i oseledtsi, humoresky. Kyiv, Molod', 1959. 158 p.
(MH)

KRIVANCHIKOV, N.G. [Stars over the waves; verse] Zvezdy nad volnami, stikhi. Simferopol', Krymizdat, 1959. 134 p.
(MH)

KRUCHENIUK, P.A. [Green leaf of the grapevine, verse] List zelenyi vinograda, stikhi. Moskva, Izd-vo 'Pravda," 1960. 30 p. (Biblioteka "Ogonek," no 16)

KUZNETSOV, F. [Early in the morning, verse] Rannim utrom, stikhi. Kazan', Tatarskoe knizhnoe izd-vo, 1959. 71 p.
(MH)

KYRYLENKO, IVAN. [Outposts, a tale] Avanposty, povist'. Kyiv, Molod', 1959. 164 p.
(MH)

KYSEL'OV, O.H. [Pavlo Hrabovs'kyi, his life and works] Pavlo Hrabovs'kyi, zhyttia i tvorchist'. Kyiv, Derzhlitvydav, 1959. 281 p.
(MH)

[L.N. TOLSTOI'S CREATIVE WORK, a collection of articles] Tvorchestvo L.N. Tolstogo, sbornik statei. Moskva, Goslitizdat, 1959 557 p.
(MH)

LAHOZA, VIKTOR. [Written off!, fables, satiric verse, and humorous sketches] Spysaty, baiky, satyrychni virshi, humoresky. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959 103 p.
(MH)

LAKHOSTSKII, K.P. [Pushkin's lyrics] Lirika Pushkina. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1959. 57 p. (Ser. 'V pomoshch' uchashchimsia starshikh klassov")

LENIN, V.I., [V.I. Lenin and A.M. Gor'kii; letters, recollections, documents] V.I. Lenin i A.M. Gor'kii; pis'ma, vospominaniia, dokumenty. Moskva, Izd-vo Akad. nauk SSSR, 1958 431 p.
(RPB)

[LENIN IS ETERNALLY ALIVE, a repertorial collection] Lenin vsegda zhivoi, repertuarnyi sbornik. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 84 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Lenin Prizes in literature and art, a bibliography] Leninskie premii v oblasti literatury i iskusstva; rekomendatel'nyi ukazatel' literatury. Leningrad, 1959. 1 v.
(CU)

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Soviet Russian prose writers, a biobibliography] Russkie sovetskie pisateli prozaiki; biobibliograficheskii ukazatel'. Leningrad, M-vo kul'tury RSFSR.
Vol 1. Avdeenko - Zhestov. 1959. 747 p.

LERMONTOV, M.IU. Borodino. [n.p.] Sovetskaia Rossiia, 1958. 16 p.
(IaU)

LIBEDINSKII, IU.N. [Journey to the Crimea] Poezdka v Krym. Moskva, Pravda, 1960. 47 p. (Biblioteka Ogonek, no. 4)
(MH)

LIKHAREV, B.M. [The sun climbs higher and higher; verse] Solntse vse vyshe, stikhi. Leningrad, Sovetskii pisatel', 1959. 129 p.
(MH)

LIPAEV, A.A., and A.A. POPOVA. [Collection of articles for analysis in Russian in grades 8-10 of non-Russian schools, manual for Russian language teachers] Sbornik statei dlia izlozhenii na russkom iazyke v VIII-X klassakh nerusskoi shkoly; posobie dlia prepodavatelei russkogo iazyka. Izd. 4., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 245 p.

LISOVSKII, K.L. [To new settlers in Siberia; verse] Novoselam Sibiri, stikhi. Moskva, Sovetskaia Rossiia, 1959. 126 p.
(MH)

[LITERARY DROGOBYCH, an almanac] Literaturna Drohobychchyna; al'manakh literaturnoho ob"iednannia pry redaktsii oblasnoi gazety "Radians'ke slovo." [Drohobych] Drohobyts'ke obl. vyd-vo, 1957. 116 p.

LIU, CH'UAN. [Song of youth; a play. Translated from the Chinese] Pesnia o iunosti, p'esa. Moskva, Iskusstvo, 1959. 131 p.
(MH)

LIUBOVIKOV, O.M. [Argument, verse] Spor; stikhi. [Kirov] Kirovskoe knizhnoe izd-vo, 1958. 62 p.
(MH)

LOHVYNENKO, MYKHAILO. [Nikolai Ostrovskii's newspaper work] Publitsystyka Mykoly Ostrovs'koho. Kyiv, Derzhlitvydav Ukrainy, 1959. 169 p.
(MH)

LOZNEVOI, A.N. [Traveling and at home; verse and fables] V pokhode i doma, stikhi i basni. Minsk, Gos. izd-vo BSSR, 1959. 107 p.
(MH)

LUBENS'KYI, P.O. [Winged youth, a play] Krylata molodist', drama. Kyiv, Derzhlitvydav Ukrainy, 1959. 117 p.
(MH)

LUCHININ, N.S. [A public prosecutor's ordinary days] Budni prokurora. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 236 p.

L'VOV, M.D. [Verse, 1939-1959] Stikhotvoreniia, 1939-1959. Moskva, Sovetskii pisatel', 1959. 160 p.
(MH)

MAKHORKIN, G.D. [Paths of the fathers; a novel] Tropy ottsov, roman. [Moskva] Sovetskaia Rossiia, 1959. 283 p.
(MH)

MAKOHON, D.IA. [Selected stories] Vybrani opovidannia. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 122 p.
(MH)

MAKSIMOV, D.E. [Lermontov's poetry] Poeziia Lermontova. Leningrad, Sovetskii pisatel', 1959. 324 p

MAMEDOV, VELI. Nariman Narimanov. Baku, Azerbaidzhanskoe izd-vo detskoi i iunosheskoi lit-ry, 1957. 133 p. [In Azerbaijani.]
(MH)

MAMIN, D.N. [Sketches from the life of Pepko] Cherty iz zhizni Pepko. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 237 p.
(CaBVaU)

MANDRYKA, M.I. [Joy, poetry] Radist'; poezii. Vinnipeg, Tryzub, 1959. 143 p.
(CaOTU)

MANEVICH, A.L. [Sun on the birches, a tale] Solntse na berezakh, povest'. Moskva, Sovetskii pisatel', 1959. 211 p.
(MH)

MANUKIAN, S. Vaan Tomovents. Erevan, Akad. nauk Armianskoi SSR, In-t lit-ry, 1959. 156 p. [In Armenian.]
(MH)

MARCHENKO, OLEKSII. [Second birth; verse] Druhe narodzhennia; virshi. [Kharkiv] Kharkivs'ke knyzh. vyd-vo, 1959. 64 p.
(MH)

MARCHIK, G., comp. [One-act plays] Odnoaktnye p'esy. Moskva, "Molodaia gvardiia," 1959. 202 p.
(NIC)

MARKOVYCH, M.O. (VILINSKAIA). [Stories and tales] Opovidannia ta povisti. Kyiv, Derzhlitvydav, 1959. 283 p. [Publ. under her pseud. Marko Vovchko.]
(MH)

MASHKOV, B.G. [Ivan Tulak; an historical narrative] Ivan Tulak; istoricheskoe povestvovanie. Stalingrad, Stalingradskoe knizhnoe izd-vo, 1958. 86 p.
(MH)

MATEVUSHAU, VASIL', [Starlit paths; verse] Zorny shliakh; vershy. Minsk, Dziarzh. vyd-va BSSR, 1959. 51 p.
(MH)

MATHCHENKO, A.S. [Collection of exercises in grammar and spelling; textbook for pupils in grades 5-6 of the non-Russian school] Sbornik uprazhnenii po grammatike i pravopisaniiu; uchebnoe posobie dlia uchashchikhsia V-VI klassov nerusskoi shkoly. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 235 p.

MATUSEV, N.I. [Soviet belles lettres and criticism, 1956-1957, bibliography] Sovetskaia khudozhestvennaia literatura i kritika, 1956-1957; bibliografiia. Moskva, Sovetskii pisatel', 1959. 546 p.
(NN)

MELEZH, IVAN. [Birthdays, Who came by night; plays] Dni naradzhennia, Khto pryshou unochy, p'esy. Minsk, Dziarzh. vyd-va BSSR, 1959. 102 p.
(MH)

MELIKSET-BEK, L.M. [Shamchi-Melko and his Armenian songs] Shamchi-Melko i ego armianskie pesni. Erevan, Akad. nauk Armianskoi SSR, In-t lit-ry im. M. Abegiana, 1958. 88 p. [In Armenian.]
(MH)

MENDEL'SON, M.O. [Mark Twain, 1835-1910] Mark Tven, 1835-1910. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6., Literatura i iskusstvo, no. 7)

MEVE, E.B. [Pages from the life of A.P. Chekhov, the work and illness of the writer and physician] Stranitsy iz zhizni A. P. Chekhova; trud i bolezn' pisatelia-vracha. Khar'kov, Khar'kovskoe med ob-vo, 1959. 108 p.

MIKHALEVA, T.I., ed. [Heroic generation] Geroicheskoe pokolenie. [Tambov] Tambovskoe knizhnoe izd-vo, 1958. 95 p.
(MH)

MIKHALKOV, S.V. [Monument to yourself; Savages, plays] Pamiatnik sebe, Dikari, p'esy. Moskva, Iskusstvo, 1959. 135 p.
(MH)

MIKULICH, BARYS. [Selected works] Vybranae. Minsk, Dziarzh. vyd-va BSSR, 1959. 422 p.
(MH)

MILONOV, N.A. [Dramatic compositions of A.V. Sukhovo-Kobylin] Dramaturgiia A.V. Sukhovo-Kobylina. [Tula] Tul'skoe knizhnoe izd-vo, 1956. 111 p.
(WU)

MIRAKHMEDOV, ARIZ. [Anthology of literature; for grade 9 in secondary schools] Khrestomatiia po literature, dlia 9. klassa srednei shkoly. Baky, Azèrbaichan dovlět něshriiaty, 1958. 286 p [In Azerbaijani]

MISHCHENKO, D.O. [Severiane, a novel] Siveriany; roman. Kyiv, Radians'kyi pys'mennyk, 1959. 330 p.
(MH)

MITSKEVICH, K.M. [New land] Novaia zemlia. Minsk, Dziarzh. vyd-va BSSR, 1958. 318 p. [Publ. under his pseud. IAkub Kolas]
(NN)

MITSKEVICH, K.M. [The swamp; a tale] Dryhva; apovest'. Minsk, Dziarzh. vyd-va BSSR, 1959. 226 p. [Publ. under his pseud. IAkub Kolas.]
(MH)

MKRTCHIAN, A. [Soviet Armenian literature, a textbook for the tenth grade in secondary schools] Armianskaia sovetskaia literatura, uchebnik dlia X klassa srednei shkoly. Erevan, Armuchpedgiz, 1958. 201 p. [In Armenian.]
(MH)

MOKRIIEV, IU.O. [Plays] P'iesy. Kyiv, Derzhlitvydav. 1959. 320 p.
(MH)

MOLDAVSKII, D.M. [Poetry of Aleksandr Prokof'ev] Poeziia Aleksandra Prokof'eva. [Leningrad] Lenizdat, 1959. 117 p.
(MH)

MONTAIGNE, MICHEL EYQUEM DE. [Essays. Translated from the French] Opyty. Izd. podgotovili: A.S. Bobovich i dr. Moskva, Izd-vo Akad. nauk SSSR. (Literaturnye pamiatniki)
Book 3. 1958. 652 p.

MOSCOW. UNIVERSITET. Fakul'tet zhurnalistiki. [History of Russian journalism; articles and materials] Iz istorii russkoi zhurnalistiki; stat'i i materialy. Pod red. A.V. Zapadova. [Moskva] 1959. 257 p

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Ameen Rihani; a bio-bibliography] Amin ar-Reikhani; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi platy, 1959. 34 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY [Natsume Soseki; a biobibliography] Natsume Soseki; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 48 p. (Pisateli zarubeznykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Romain Rolland; a bio-bibliography] Romen Rollan, bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 173 p. (Pisateli zarubezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Sinclair Lewis; a bio-bibliography on the 75th anniversary of his birth] Sinkler L'iuis; bio-bibliograficheskii ukazatel' k 75-letiiu so dnia rozhdeniia. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 85 p. (Pisateli zarubezhnykh stran)

MUTALIEV, KH.B. [Verse. Translated from the Ingush] Stikhotvoreniia. Moskva, Sovetskii pisatel', 1958. 100 p.
(CLU)

MUZAEV, NURDIN. [Selim speaks (a story about the Chechen country), a poem. Translated from the Chechen] Govorit Selim (Skazanie o Chechne), poema. Moskva, Sovetskii pisatel', 1958. 119 p.
(CLU)

NALIVAIKA, ALES'. [IAkub Kolas's story "Swamp"] Apovests' IAkuba Kolasa 'Dryhva.' Minsk, Dziarzh. vyd-va BSSR, 1959. 162 p.
(MH)

NAUMOVA, N.N. [L.N. Tolstoi in the schools; a manual for teachers] L.N. Tolstoi v shkole, posobie dlia uchitelia. Pod red. L.A. Sokolovoi. Leningrad, Uchpedgiz, Leningr. otd-nie, 1959. 319 p
(NNC)

NEKRASOV, N.A. [Selected works] Izbrannye proizvedeniia. [Moskva] Mosk. rabochii, 1959. 671 p.
(WaU)

NEPES, MOLLA. [Zokhre and Takhir] Zokhre i Takhir. Ashkhabad, Turkmengosizdat] 1958. 166 p. [In Turkmen.]
(MH)

NIKOLAEV, M.P. [N.G. Chernyshevskii, seminars] N.G. Chernyshevskii; seminarii. Izd. 2, perer. i dop. Leningrad, Uchpedgiz, 1959. 244 p.
(MH)

NIKULIN, L.V. [Loyal sons of Russia, a historical novel] Rossii vernye syny, istoricheskii roman. [Moskva] Izd-vo "Pravda," 1958. 598 p.
(IEN)

NOVIKOV, I.A. [Pushkin in exile, a novel] Pushkin v izgnanii; roman. Kishinev, "Kartia moldoveniaske," 1959. 753 p.
(NNC)

NUD'HA, H.A., comp. [Ukrainian folk satire and humor] Ukrains'ka narodna satyra i humor. Vyd. 2., dop. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 281 p.
(MH)

OFIN, E.M. [Captains of the steppes, a tale] Stepnye kapitany, povest'. Leningrad, Gos. izd-vo detskoi lit-ry, M-va prosv. RSFSR, 1959. 78 p.

OGURTSOV, S.I. [Winged soul, selected verse] Krylataia dusha, izbrannye stikhi. Ivanovo, Ivanovskoe knizhnoe izd-vo, 1959. 134 p.
(MH)

ONOSHKO, L.M. [On the orange planet, fantastic fiction] Na oranzhevoi planete, fantasticheskii roman. [Dnepropetrovsk, Dnepropetrovskoe obl. izd-vo, 1958] 365 p.
(MH)

ORATOVSKII, I.B. [Partings and meetings; verse and a poem] Rasstavaniia i vstrechi, stikhi i poema. Baku, Azerbaidzhanskoe gos. izd-vo, 1958. 117 p.
(MH)

ORLOVETS, P. [Woodland brothers. "Three heroes," Lbov, Savitskii, and Azef'. Sensational novel in two parts] Lesnye brat'ia, "Tri geroia", Lbov, Savitskii i Azef. Sensatsionnyi roman v 2-kh chastiakh. Brooklyn, Knizhnyi magazin Korshn [195-] 182 p.
(NIC)

OSTROVSKAIA, N.A. [Verse] Stikhi. Moskva, Sovetskaia Rossiia, 1959. 54 p.
(MH)

OSTROVSKII, A.N. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Pod obshchei red. G.I. Vladykina, A.I. RevIakina i V.A. Filippova, Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 5. Plays, 1867-1870] P'esy, 1867-1870. 1960. 549 p.

OZEROV, V.M. [Aleksandr Fadeev, his creative path] Aleksandr Fadeev; tvorcheskii put'. Moskva, "Sovetskii pisatel'," 1960. 401 p.

PADERIN, I.G. [In the flames of Stalingrad; a tale] V ogne Stalingrada; povest'. Moskva, Izd-vo Sovetskaia Rossiia," 1959. 100 p.

PAL'KIN, N.E. [Summer lightning] Zarnitsy [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 85 p.
(MH)

PAN'KIN, I.F. [Beginning of a life; a tale] Nachalo odnoi zhizni; povest'. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 191 p.
(MH)

PANOVA, V.F. [Companions; Krughilikha; Sentimental novel] Sputniki, Kruzhilikha, Sentimental'nyi roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 676 p.

PAPERNYI, Z.S. [In man everything should be fine; on the centenary of the birth of A.P. Chekhov] V cheloveke dolzhno byt' vse prekrasno, k 100-letiiu so dn rozhdeniia A.P. Chekhova. Moskva, Soiuz sovetskil ob-v druzhby i kul'turnoi sviazi s zarubezhnymi stranami [1960] 24 p.
(MH)

PARMUZIN, B.S. [Eighty kilometers from the border tale] Ot granitsy vosem'desiat kilometrov, povest'. Tashkent, Goslitizdat, UzSSR, 1959. 149 p. (Dekada iskusstva i literatury Uzbekskoi SSR)
(MH)

PASTERNAK, B.L. [Dr. Zhivago in excerpts and explanatory notes published in "Posev," a weekly magazine] Doktor Zhivago v vyderzhkakh i poiasneniiakh, opyblikovannykh v ezhenedel'nike "Posev," nos. 46, 47, 48 i 49 1958 g. [Frankfort/Main?] Posev [1959?] 86 p.
(CLU)

PAVLYK, M.I. [Lost person] Propashchyi cholovik. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 142 p.
(MH)

PERETZ, I.L. [In a cellar, stories] V podvale; rasska Moskva, Goslitizdat, 1959. 438 p. [In Yiddish.]

PETL'OVANYI, V.I. [Amigo; a novel] Amiho, roman. Kyiv, Radians'kyi pys'mennyk, 1959. 403 p.
(MH)

PETL'OVANYI, V.I. [Girl from the suburbs; a story] Divchyna z peredmistia, povist'. Kyiv, Derzhlitvydav 1959. 388 p.
(MH)

PETROV, IU.D. [Roads; verse] Dorogi, stikhi. Ioshkar Ola, Mariiskoe knizhnoe izd-vo, 1959. 66 p.
(MH)

PINIAEV, I.D. [Alena, a poem] Alena; poema. Saransk Mordovskoe knizhnoe izd-vo, 1959. 55 p.
(MH)

PISAREVSKII, D.S. [Aleksandr Dovzhenko and his "Poem of the Sea] Aleksandr Dovzhenko i ego "Poema o more." Moskva, Znanie, 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 20)
(MH)

PLAVNIK, A.L. [Meeting] Svidanie. Baku Azerbaidzhskoe gos. izd-vo, 1958. 133 p.
(MH)

PODOL'SKII, V.A. [In the course of business; humorou stories] V kurse dela; iumoristicheskie rasskazy. Kiev, Radians'kyi pys'mennyk, 1959. 107 p.
(MH)

PODVEZ'KO, M.L., comp. [English-Ukrainian dictionary for schools] Anglo-urains'kyi slovnyk; shkol'nyi. Blyz'ko 25 000 sliv. Vyd. 2. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 702 p.

[MICROFILM]

PODVEZ'KO, M.L., ed. [English-Ukrainian dictionary Anglo-ukrains'kyi slovnyk. N'iu-Iork, 1958. 702 p.
(NN)

[POETRY DAY, 1958] Den' poezii, 1958. Kyiv. Radians'kyi pys'mennyk [1958] 130 p.
(NN)

POHRIBNYI, M.I. [Accented dictionary of the Ukrainian literary language; approximately 60,000 words] Slovnyk naholosiv ukrains'koi literaturnoi movy. Blyz'ko 60 000 sliv. Za red. I.O. Varchenka. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 602 p.

POLTAVA, LEONID. [Ukrainian ballads] Ukrains'ki balady. Tretia zbirka poezii. Paris, Ukrainets, 1952. 61 p.
(OCI)

POLTORATZKY, MARIANNA A. [Anthology of Russian folklore] Khrestomatiia po russkomu fol'kloru. [n.p., 1960] 140 p.

PONOMARENKO, O.I. [Under our country's sky] Pid ridnym nebom. [Dnipropetrovs'k] Dnipropetrovs'ke obl. vyd-vo, 1958. 38 p.
(MH)

POPOV, A.S. [Iron torrent] Zheleznyi potok. Moskva, Gos. izd-vo khudozh. lit-ry, 1930. 190 p. (Biblioteka sovetskogo romana) [Publ. under his pseud A.S. Serafimovich]
(IEN)

PRIAMKOV, A.V. [Writers from the ranks of the people] Pisateli iz naroda. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1958. 135 p
(NN)

PRIANISHNIKOV, N.F. [Lev Tolstoi's prose, certain characteristics of his literary style] Proza L'va Tolstogo, o nekotorykh osobennostiakh ego pisatel'skoi manery. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 134 p.
(NNC)

PRIDVOROV, E.A. [Verse and poems] Stikhotvoreniia i poemy. Leningrad, Sovetskii pisatel', 1957. 416 p. (Biblioteka poeta. Malaia seriia, 3. izd.)
(CtY)

[PRINCESS FROG, a Russian fairy tale] TSarevna-liagushka, russkaia narodnaia skazka. Leningrad, Gos. izd-vo detskoi lit-ry, 1958. 19 p.
(IEN)

PRUTSKOV, N.I. [Problems in literary criticism] Voprosy literaturno-kriticheskogo analiza Moskva, Izd-vo Akad. nauk SSSR, 1960 200 p

PURISHEV, B.I , comp. [Anthology of foreign literature, the Renaissance period] Khrestomatiia po zarubezhnoi literature, epokha vozrozhdeniia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR
Vol 1. 1959. 676 p.

PUSHKIN, A.S. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh Pod obshchei red. D.D. Blagogo i dr Moskva, Gos. izd-vo khudozh lit-ry
Vol 3 [Poems, tales] Poemy, skazki 1960. 542 p

PUSHKIN, A.S [Lyrics] Lirika Moskva, Gos izd-vo khudozh lit-ry, 1959 175 p. (Massovaia seriia)
(MiDW)

RABINOWITZ, SHALOM [Collected works in six volumes. Translated from the Yiddish] Sobranie sochinenii v shesti tomakh Red. kollegiia: M.S. Belen'kii i dr. Moskva, Gos. izd-vo khudozh. lit-ry. [Publ. under his pseud. Sholom-Aleikhem.]
Vol. 3. [Little Mottel", a tale. "The Great fair", a biography] "Mal'chik Motl"; povest'. "S iarmarki", zhizneopisanie. 1960. 622 p.

REBROV, I.K. [Plunderers, a novel] Khishchniki, roman. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1959. 382 p.
(MH)

REVUNOV, V.S. [Fine day, tale and stories] Krasnyi den', povest' i rasskazy. [Moskva] Molodaia gvardiia, 1959. 186 p.
(MH)

RIAZANOVA, E.M. [Castle with a secret] Zamok s sekretom [Saratov] Saratovskoe knizhnoe izd-vo, 1958. 166 p.
(MH)

ROZHDESTVENSKAIA, K.V. [The Zhigulev family, a tale] Sem'ia Zhigulevykh, povest'. Perm', Permskoe knizhnoe izd-vo, 1958. 194 p.
(MH)

RUD', M.D. [Loud talk up to the setting of the sun, sketches and stories] Homin do skhid sontsia, narysy
ia. Kyiv, Derzhlitvydav, 1959. 168 p.

[Happiness must be cherished; a novel]
berech', roman. [Moskva] Mosk. rabo
73 p.

rrelation of the
and tense in the
the 17th century]
matychnykh kategorii
viv,

SA'DĪ. [Rose garden] Gulistan. Kriticheskii tekst, perevod, predisl i primechaniia R.M Alieva. Moskva, Izd-vo vostochnoi lit-ry, 1959. 226, 487 p. (Pamiatniki literatury narodov Vostoka. Teksty. Bol'shaia seriia, vol. 3)

SAFRONOV, IU.P. [Grandchildren of our grandchildren, imaginary scientific fiction] Vnuki nashikh vnukov; nauchno-fantasticheskii roman. [Moskva] Molodaia gvardiia, 1959. 249 p.
(MH)

SAIANOV, V.M. [Works] Sochineniia Moskva, Goslitizdat, 1959. 2 v.
(MH)

SAINT EXUPERY, ANTOINE DE. [Wind, sand, and stars. Translated from the French] Zemlia liudei. Moskva, Gos izd-vo khudozh. lit-ry, 1957. 198 p.
(OCI)

SAPAROV, A.V. [Road of life; a documentary tale] Doroga zhizni, dokumental'naia povest'. [Leningrad] Lenizdat, 1959. 266 p.
(MH)

SARTAKOV, S.V [Sayan Mountain Range; a novel] Khrebty Sainskie, roman Moskva, Gos izd-vo khudozh. lit-ry, 1959. 1 v
(IU)

SAVCHENKO, M.M. [Reward for confidence; a one-act play] Rozplata za dovir'ia; odnoaktni p'iesy. Kyiv, Derzhlitvydav 1959. 116 p. (Samodiial'nyi teatr)
(MH)

SCOTT, Sir. WALTER, bart. [Inanhoe. Translated from the English] Aivengo. [Moskva] Mosk. rabochii, 1954. 501 p.
(WU)

SCOTT, Sir WALTER, bart [Quentin Durward. Translated from the English. Kventin Dorvard. Moskva, Gos. izd-vo detskoi lit-ry, 1958. 544 p. (Biblioteka prikliuchenii, 15)
(InU)

SEIFULLINA, L.N. [Virineia, scenes from the people's life] Virineia, stseny narodnoi zhizni. Moskva, Iskusstvo, 1959. 117 p.
(MH)

SEITAKOV, BEKI. [Restless people, tales and stories] Bespokoinye liudi; povesti i rasskazy. Moskva, Sovetskii pisatel', 1958. 229 p.
(CLU)

SEL'VINSKII, I.L. [Umka, the white bear; a dramatic poem] Umka-belyi medved', dramaticheskaia poema. Moskva, Iskusstvo, 1959. 182 p.
(MH)

SEMENOV, K.S. [Green gold] Zelenoe zoloto. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 225 p.
(MH)

SHCHEGLOV, D., comp. [Plays by Tajik dramatists] P'esy tadzhikskikh dramaturgov. Stalinabad, Tadzhikgosizdat, 1959. 327 p.
(MH)

SHENSHIN, A.A. [Complete collected verse] Polnoe sobranie stikhotvorenii. Leningrad, Sovetskii pisatel', 1959. 896 p. (Biblioteka poeta. Bol'shaia ser. 2. izd.)
(MiDW)

SHEVCHENKO, TARAS. [Bard] Kobzar. IUbileine vyd. 1860-1960. Za red. IAr. Rudnyts'koho. Vinnipeg, Ukrains'ke vyd-vo "Hoverlia," 1960. 244 p. (Ukrains'ka vil'na akademiia nauk, Instytut Shevchenkoznavstva, no. 3)

SHILOV, S.S. [Transbaikal happenings, stories and tales] Zabaikal'skie byli, rasskazy i povesti. [Chita] Chitinskoe knizhnoe izd-vo, 1958. 162 p.
(MH)

SHIN, P.P. [Textbook of the Russian language] Uchebnik russkogo iazyka. Pkhen'ian, Izd-vo M-va natsional'noi obor., 1949. 295 p. [In Chinese.]

SHIRIAEV, B.N. [Kudeiar's oak, a tale] Kudeiarov dub; povest'. [Frankfurt/Main, Possev-Verlag] 1958. 189 p.
(CLU)

SHIRVAN, IUSIF. [Stories] Rasskazy. Baku, Azerbaidzhanskoe gos. izd-vo, 1958. 109 p.
(CLU)

SHUKHOV, I.P. [Hatred; a novel] Nenavist'; roman. Moskva, Gos izd-vo khudozh. lit-ry, 1959 628 p.

SHUKHRAT. [Years in army overcoats, a novel. Translated from the Uzbek] Gody v shineliakh, roman. Tashkent, Gos. izd-vo khudozh. lit-ry Uzbekskoi SSR, 1959. 418 p.
(CU)

SHUNKUBA, B.V., comp. [Abkhasian folk poetry] Abkhazskaia narodnaia poeziia. Sukhumi, Akad. nauk Gruzinskoi SSR. Abkhazskii in-t iazyka, lit-ry i istorii, 1959. 328 p. [In Abkhazian.]

SHVEDOVA, N.IU. [Studies on the syntax of conversational Russian] Ocherki po sintaksisu russkoi razgovornoi rechi. Moskva, Izd-vo Akad. nauk SSSR, 1960. 377 p.

[SIBERIAN AUTHORS, literary and critical essays] Pisateli-sibiriaki, literaturno-kriticheskie ocherki. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 1 v.
(NN)

SIDORENKO, N.N. [Unforgettable; verse] Nezabyvaemoe, stikhi. Moskva, Voenn. izd-vo, 1959. 93 p.
(MH)

SINCLAIR, LEWIS. [Babbit; a novel. Translated from the English] Bebbit, roman. Moskva, Goslitizdat, 1959. 401 p.
(CLU)

SLAVICH, S.K. [Silence and other stories] Tishina i drugie rasskazy. Simferopol', Krymizdat, 1959. 146 p.
(MH)

SOIUZ ZHURNALISTOV GRUZII. [Sketches and feuilletons] Ocherki i fel'etony. [Tbilisi] Izd-vo TsK KP Gruzii, 1959. 123 p.
(MH)

SOKOLOV, V.A. [Joyous heart, verse] Prazdnik serdtsa; stikhi. [Novgorod] Novgorodskaia pravda, 1959. 141 p.
(MH)

SOLOV'EV, V.K. [At Naro-Fominsk] Pod Naro-Fominskom. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 190 p.

SOROKIN, V.I. [Theory of literature (introductory course); teacher's manual] Teoriia literatury (nachal'nyi kurs); posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 279 p.

STANKEVICH, ALEKSANDR. [On the eve, a novel] Nakanune; roman. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 733 p.
(MH)

STARYTS'KYI, MYKHAILO. [For two hares, a comedy in four acts] Za dvoma zaitsiamy; komediia na 4 dii. Kyiv, Mystetstvo, 1954. 109 p.
(MH)

STETSIUK, IA.N. [Shadows on the street; a tale] Tini na vulytsi, povist'. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 167 p.
(MH)

[STORIES BY CHINESE AUTHORS. Translated from the Chinese] Rasskazy kitaiskikh pisatelei. Moskva, Goslitizdat, 1959. 2 v.
(MH)

STRASHNOVA, POLINA. [Remote villages; a novel] Hlukhi sela, roman. Kyiv, Radians'kyi pys'mennyk, 1959. 234 p.
(MH)

TAKHMASIB, M.G., comp. [Anecdotes of Mulla Nasreddin. Translated from the Azerbaijani] Anekdoty Molly Nasreddina. Baku, Akad. nauk Azerbaidzhanskoi SSR, In-t lit-ry i iazyka, 1958. 338 p.
(MH)

TENDRIAKOV, V.F. [Pits and bumps; tales and stories] Ukhaby, povesti i rasskazy. Moskva, Sovetskii pisatel', 1959. 582 p.
(CU)

TERPIGOREV, S.N. [Selected works] Izbrannoe [Tambov] Tambovskoe knizhnoe izd-vo, 1958. 181 p.
(MH)

TERTERIAN, A.A. [Encyclopedia of literary types in Shirvanzade] Entsiklopediia literaturnykh tipov Shirvanzade. Erevan, Akad. nauk Armianskoi SSR. In-t lit-ry im. M.M. Abegiana. 1959. 423 p. [In Armenian.]
(MH)

TOGOLOK, MOLDO. [Selected works. Translated from the Kirghiz] Izbrannoe. Moskva, Goslitizdat, 1958. 189 p.
(CU)

TOLSTOI, A.N. [Tales and stories] Povesti i rasskazy. Moskva, Goslitizdat, 1954. 301 p. (Massovaia seriia)
(CU)

TONERIAN, E.S. [Armenian Bolshevik press from 1905 to 1907] Armianskaia bol'shevistskaia pechat' 1905-1907 gg. Erevan, Armianskoe gos.izd-vo, 1958. 94 p. [In Armenian.]
(MH)

TRIFONOV, IU. V. [Under the sun; stories] Pod solntsem, rasskazy. Moskva, Sovetskii pisatel', 1959. 267 p.

TROITSKII, I.P. [War correspondents] Voenkor. Moskva, Voen izd-vo M-va obor. SSSR, 1959. 118 p.

TSADASA, GAMZAT. [Verse and poems] Stikhotvoreniia i poemy [Leningrad] Sovetskii pisatel' [1959] 302 p. (Biblioteka poeta. Bol'shaia seriia. 2 izd.)
(NNC)

TUCHKOVA-OGAREVA, N.A. [Memoirs] Vospominaniia. Pod obshchei red. S.N.Golubova i dr. [Moskva] Gos. izd-vo khudozh. lit-ry, 1959. 381 p. (Seriia literaturnykh memuarov)

TVARDOVSKII, A.T. [Collected works] Sobranie sochinenii. Moskva, Goslitizdat, 1959. 1 v.
(MH)

TYKHYI, N.M. [The journey must start early; a novel] V dorohu vykhod' na svitanni; roman. Kyiv, Molod'. 1959. 497 p.
(MH)

URUIMAGOVA, EZETKHAN. [Meeting life] Navstrechu zhizni. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1958. 2 v.
(MH)

UVAROV, IU.P. [French literature today; a short survey] Frantsuzskaia literatura segodnia; kratkii obzor. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.6. Literatura i iskusstvo, no.8)

UZBEK KHALK ERTAKLARI. Toshkent, Uzbekiston SSR davlat nashrieti, 1955. 382 p. [In Uzbek.]
(CU)

[UZBEK PROVERBS AND SAYINGS] Uzbekskie poslovitsy i pogovorki. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1959. 100 p.

VALASEVICH, E.S. [Eagle's trial; fables] Arliny sud; baiki. Minsk Dziarzh. vyd-va BSSR, 1959. 117 p.
(MH)

VALIMOVA, G.V. [Planned work in the modern Russian language, No.8 and 9 (syntax) for correspondence students of the Faculty of the Russian Language and Literature] Kontrol'nye raboty po sovremennomu russkomu iazyku, no.8 i 9 (sintaksis) dlia studentov-zaochnikov fakul'teta russkogo iazyka i literatury. [Rostov-na-Donu] 1958. 51 p.
(RPB)

VARAVVA, I.F. [Kuban summer, lyrics] Kubanskoe leto, lirika. Moskva, Sovetskii pisatel', 1959. 122 p.
(MH)

VASILIONAK, IAUHEN. [King's gambit; a play] Karaleuski hambit; drama. Minsk, Dziarzh. vyd-va, BSSR, 1959. 98 p.
(MH)

VELIKANOV, A.A. [Hot winds; a tale] Znoinye vetry; povest'. [Moskva] Molodaia gvardiia, 1959. 169 p.
(MH)

VELIKANOV, V.D. Rita. [Ivanovo-Ivanovskoe knizhnoe izd-vo, 1958. 98 p.
(MH)

VELIUGIN, ANATOL'. [The break of day; verse] Na zory zaimae; paeziia. Minsk, Dziarzh. vyd-va BSSR, 1958. 74 p.
(MH)

VEROL'SKII, IU., and A.KAZAKOV., comps. [Friendship; a collection of works by young authors] Druzhba; sbornik proizvedenii molodykh avtorov. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1959. 202 p.
(MH)

[VERSE OF 1954] Stikhi 1954-goda. Moskva, Izd-vo "Sovetskaia Rossiia", [n.d.] 1 v.
(NN)

VIL'NYI, V.M. [Roses on the flowers, verse] Rosy na kvitakh, poezii. Kyiv, Radians'kyi pys'mennyk, 1959. 97 p.
(MH)

VINNIKOV, N.G. [Plays] P'esy. Moskva, Sovetskii pisatel', 1959. 438 p.
(NNC)

VOEVODIN, V.P. [Tales and stories] Povesti i rasskazy. [Leningrad] Lenizdat, 1959. 401 p.
(NN)

VOLYNS'KYI, P.K. [Theoretical struggle in Ukrainian literature; first half of the 19th century] Teoretychna borot'ba v ukrains'kii literaturi; persha polovyna XIX st. Kyiv, Derzhlitvydav, 1959. 439 p.
(MH)

VOSKERCHIAN, A.K. [Stepan Shaumian and literary problems] Stepan Shaumian i voprosy literatury. Izd.2., ispr.i dop. Moskva, Sovetskii pisatel', 1959. 228 p.

VOSKRESENSKII, S.V. [People on the road] Liudi v puti. [Leningrad] Lenizdat, 1959 262 p.
(MH)

VSESOIUZNYI LENINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHI. TSentral'nyi komitet. [Forty years of the Communist Youth League; materials on the Anniversary Plenum. A collection] 40 let VLKSM; materialy Torzhestvennogo plenuma. Sbornik [Moskva] Molodaia gvardiia, 1958. 76 p.
(MH)

VUSATYI, STEPAN. [Emigration on a trip, humorous sketches] Emigratsiia v pokhodi, humoresky. Buenos Aires, J.Serediak, 1958. 191 p.

VYSHNIA, OSTAP, pseud. [My thoughts, my thoughts; stories, feuilletons, diaries] Dumy moi, dumy moi; rasskazy; fel'etony, dnevniki. Moskva, Sovetskii pisatel', 1959. 516 p.
(MH)

WU, CHING-TSU. [Unofficial history of the Confucianists, a novel. Translated from the Chinese] Neofitsial'naia istoriia konfutsiantsev, roman. Moskva, Goslitizdat, 1959. 630 p.
(MH)

ZAIMOVSKII, S.G., comp. [Concise English-Russian and Russian-English dictionary] Kratkii anglo-russkii i russko-angliiskii slovar'. Pod red. A.V.Litvinovoi. Izd.7., ispr.i dop. Okolo 18 000 slov. Moskva, Gos. izd-vo inostr.i natsional'nykh slovarei, 1959. 430 p.
[MICROFILM]

ZAKIR, K.B. Sechilmish šešrtšrl. Baky, Azerbaĭchan dövlĕt nĕshriĭiaty, 1957. 474 p. [In Azerbaijani.]
(InU)

ZAVALISHIN, A.I. [Stories] Rasskazy. Moskva, Sovetskii pisatel', 1959. 147 p.
(MH)

ZAVODOVYCH, ROMAN. [Honey Telesyk; a story in verse for young children] Medivnyi Telesyk; virshovana kazochka dlia menshykh ditei. New York, Malym Ditiam, 1953. 16 p.
(OCl)

ZEDGINIDZE, E.K. [Unforgettable summer; stories and legends] Nezabyvaemoe leto; rasskazy i legendy. Moskva, Sovetskii pisatel', 1959. 220 p.
(CLU)

ZHALSARAEV, DAMBA. [Far away in the steppes; verse. Translated from the Buryat] Dal' stepnaia; stikhi. Moskva, Sovetskii pisatel', 1959. 114 p.
(MH)

ZINDER, L.R. [General phonetics] Obshchaia fonetika. [Leningrad] Izd-vo Leningr. univ., 1960. 335 p.

ZLOBIN, S.P. [Stepan Razin; a historical novel] Stepan Razin; istoricheskii roman. Moskva, Sovetskii pisatel', 1958. 873 p.
(IEN)

ZOGRAF, G.A. [Languages of India, Pakistan, Ceylon, and Nepal] IAzyki Indii, Pakistana, TSeilona i Nepala. Pod obshchei red. G.P.Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1960. 132 p. (IAzyki zarubezhnogo Vostoka i Afriki)

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR. Alma-Ata. [Problems in the geography of Kazakhstan] Voprosy geografii Kazakhstana. Alma-Ata, 1959. 219 p.
(DBC)

AKADEMIIA NAUK SSSR. Petr Andreevich Zemiatchenskii. Vstupitel'naia stat'ia A.D. Fedoseeva Bibliografiia sostavlena N.V.Smirnovoi. Moskva, Izd-vo Akad. nauk SSSR, 1960. 54 p. (Materialy k biobibliografii uchenykh SSSR. Ser. geologicheskikh nauk, no. 16)

AKADEMIIA NAUK SSSR. Geologicheskii institut [Areal geology of the U.S.S.R.] Regional'naia stratigrafiia SSSR. Glav. red. N.S. Shatskii. Moskva.
Vol. 4. Khomentovskii V.V., M.A. Semikhatov, and L.N. Repina. [Pre-Cambrian stratigraphy and lower Paleozoic sediments of the western part of the Eastern Sayan Mountain Stratigrafiia dokembriiskikh i nizhnepaleozoiskikh otlozhenii zapadnoi chasti Vostochnogo Saiana.
Repina, L.N. [Lower and middle Cambrian trilobite complexes in the western part of the Sayan Mountains] Kompleksy trilobitov nizhnego i srednego kembriia zapadnoi chasti Vostochnogo Saiana. 1960. 236 p.

AKADEMIIA NAUK SSSR. Geologicheskii institut. [Tectonic map of the U.S.S.R. and contiguous countries] Tektonicheskaia karta SSSR i sopredel'nykh stran. Scale 1:5,000,000. Glav. red. N.S. Shatskii. [Moskva? Gosgeoltekhizdat] 1956. col. map. [in portfolio]
(MnU)

AKADEMIIA NAUK SSSR. Sovet po problemam vodnogo khoziaistva. [Flood problems] Problemy pavodkov. Moskva, 1959. 104 p.

AKOPIAN, T.KH., S.T. MELIK-BAKHSHIAN, and A.A. SEKOIAN. [Points of interest in Soviet Armenia, Dostoprimechatel'nye mesta Sovetskoi Armenii. Erevan, Izd-vo Erevanskogo univ.] 1959. 208 p., illus. [In Armenian.]

ALEINIKOV, A.A. [Basic problems relative to the study of Quaternary sediments in the northwestern U.S.S.R.] Ob osnovnykh voprosakh izucheniia chetvertichnykh (antropogenovykh) otlozhenii Severo-Zapada SSSR. [Leningrad] Izd-vo Leningr. univ., 1960. 64 p.

ARSEN'EV, V.K. [Through the Ussuri region] Po Ussuriiskomu kraiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 301 p. (Puteshestviia. Prikliucheniia. Fantastika)

ASHUROV, IA.S., and others, comps. [Bukhara; concise guidebook] Bukhara; kratkii spravochnik. Izd. 3., ispr. i dop. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1958. 98 p.

[ATLAS OF THE HISTORY OF GEOGRAPHICAL DISCOVERIES AND EXPLORATIONS] Atlas istorii geograficheskikh otkrytii i issledovanii. Moskva, Glav. upr. geodezii i kartografii MVD SSSR, 1959. 108 p.

[ATLAS OF THE SOVIET RAILROAD LINE MAPS] Atlas skhem zheleznykh dorog SSSR. Moskva, Glav. upr. geod. i kartografii MVD SSSR, 1960. 143 p.
[MICROFILM]

BALSTAD, LIV. [North of the desert sea. Translated from the Norwegian] K severu ot morskoi pustyni. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1958. 333 p.

BARANOVA, N.M., H.I. MOLIAVKO, and S.T. BORYSENKO. [Tertiary sediments in the southeastern Ukraine] Tretynni vidklady pivdenno-skhidnoi chastyny Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 149 p.

BARANSKII, N.N., and others, eds. [Russian physical geographers and explorers] Otechestvennye fizikogeografy i puteshestvenniki. Moskva, Gos. uchebnopedagog. izd-vo M-va prosv. RSFSR, 1959. 782 p.

[CLIMATIC AND STRUCTURAL GEOMORPHOLOGY] Voprosy klimaticheskoi i strukturnoi geomorfologii; sbornik perevodnykh statei. Pod red. IU.A. Meshcheriakova. Moskva, Izd-vo inostr. lit-ry, 1959. 232 p.

[CONQUERED HEIGHTS, 1954-1957; yearbook of Soviet mountain climbing] Pobezhdennye vershiny, 1954-1957; ezhegodnik sovetskogo al'pinizma. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 384 p.

[CRIMEA IN PHOTOGRAPHIC ILLUSTRATIONS] Krym u fotoiliustratsiiakh. Kyiv, Derzh vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URS' 1959. 1 v. (unpaged, chiefly illus.)

DAVID'IANTS, A. A. [With Bulgarian friends] U bolgarskikh druzei [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960 101 p.

DIBROV, V.E., and others. [Geology and diamond potential of the southwestern Siberian Platform] Geologicheskoe stroenie i almazonosnost' iugo-zapadnoi chasti Sibirskoi platformy. Moskva, Izd-vo Akad nauk SSSR, 1960. 96 p.

FEDOSEEV, I.A. [Development of continental hydrology in Russia] Razvitie gidrologii sushi v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 300 p.

FERSMAN, A.E. [Recollections about stones] Vospominaniia o kamne. Moskva, Izd-vo Akad. nauk SSSR, 1960. 166 p.

GRIGOR'EV, S.V., and G L. GRITSEVSKAIA. [Catalog of Karelian lakes] Katalog ozer Karelii. Moskva, Izd-vo Akad. nauk SSSR, 1959. 237 p.

GUSEVA, Z.A. [Swiss sketches] Shveitsarskie zarisovki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 110 p.

HANZELKA, JIŘI, and MIROSLAV ZIKMUND. [There, beyond the river is Argentina. Translated from the Czech] Tam, za rekoiu - Argentina. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 428 p.

KIRILLOV, I.A. [Mysteries of the red caves] Tainy krasnykh peshcher. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 95 p. (Po rodnym prostoram)

KOMELOVA, G.N. [Views of St. Petersburg and its environs, 1821-1826] Vidy S.-Peterburga i okrestnostei, 1821-1826. Litografirovannoe izdanie Obshchestva pooshchreniia khudozhestv. Leningrad, Izd-vo Gos. Ermitazha, 1960. 41 p., illus.

KRYMGOL'TS, G. IA [Method of identifying Mesozoic cephalopods (ammonites and belemnites); manual for stratigraphers] Metodika opredeleniia mezozoiskikh golovonogikh (ammonity i belemnity; v pomoshch' geologu-stratigrafu. [Leningrad] Izd-vo Leningr. univ., 1960. 88 p.

[LAKE ISSYK] Ozero Issyk. [Alma-Ata, 1959] 15 p.

LENINGRAD. ARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [History of the discovery and development of the northern route] Istoriia otkrytiia i osvoeniia Severnogo morskogo puti. Leningrad, Izd-vo "Morskoi transport."
  Vol. 3. Belov, M I. [Soviet arctic navigation, 1917-1932] Sovetskoe arkticheskoe moreplavanie, 1917-1932 g.g. Pod red. IA. IA. Gakkelia i M. B. Chernenko. 1959. 509 p.

LESHCHINER, R.E. [Guiana] Gviana. Pod red. V.M. Gokhmana. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 76 p. (U karty mira)

LEVIN, M.G. [Studies on the history of anthropology in Russia] Ocherki po istorii antropologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 174 p.

MAKARENKO, S.P., ed. [An area transformed, a collection] Preobrazhennyi krai, sbornik. [Novgorod] Knizhnaia red. gazety Novgorodskaia pravda, 1958. 78 p.
  (MH)

MAKHNACH, A.S., and L.M. VAZNIACHUK [Geological past of White Russia, touring mineral resources] Gealagichnae minulae Belarusi, padarozhzha u netry Belarusi. Minsk, Dziarzhaunae vyd-va BSSR. Red. navukova-tekhn. lit-ry, 1959. 213 p.

MAKSIMOVICH, G.A. Karst. Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 7)

MAZURENKO, G.V. [The Angara and the Lena in the Baikal region] Angara i Lena v Pribaikal'e. Leningrad, Gidrometeor. izd-vo, 1959. 92 p. (Reki zemnogo shara)

MURANOV, A.P. [Rivers Euphrates and Tigris] Reki Evfrat i Tigr. Leningrad, Gidrometeor. izd-vo, 1959. 138 p. (Reki zemnogo shara)

MURAVEISKII, S.D. [Rivers and lakes; hydrobiology and runoff] Reki i ozera, gidrobiologiia stok. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 384 p.

MYKHAIEVYCH, M.A. [In the depths of the taiga] V taezhnykh glubinakh. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 359 p.
  (MH)

[NATURE IN AMUR PROVINCE] Priroda Amurskoi oblasti. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1959. 308 p.
[MICROFILM]

NAUCHNO-TEKHNICHESKOE GORNOE OBSHCHESTVO. Moscow. [Materials on the geology and mineral resources of the European part of the U.S.S.R.] Materialy po geologii i poleznym iskopaemym tsentral'nykh raionov Evropeiskoi chasti SSSR. [Kaluga] Kaluzhskoe knizhnoe izd-vo
  No. 2 [The Kursk Magnetic anomaly] Kurskaia magnitnaia anomaliia. 1959. 241 p.

ORLOV, IU.A., ed. [Fundamentals of paleontology, manual for paleontologists and geologists of the U.S.S.R. in 15 volumes] Osnovy paleontologii; spravochnik dlia paleontologov i geologov SSSR v piatnadtsati tomakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
  [Vol. 8.] [Trilobitomorpha and Crustaceomorpha (Arthropoda)] Chlenistonogie trilobitoobraznye i rakoobraznye. Otvet red. N.E. Chernysheva. 1960. 514 p.

PANOV, B.P. [Winter regime of rivers in the U.S.S.R.] Zimnii rezhim rek SSSR. [Leningrad] Izd-vo Leningr. univ., 1960. 238 p.

PASHUK, A.I., and I.S. DERKACH. [Lvov; guidebook] L'viv, putivnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 147 p.
[MICROFILM]

[POINTS OF INTEREST IN KAZAKHSTAN] Dostoprimechatel'nye mesta Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 368 p

POLEVOI, B.N. [Thirty thousand li through China] 30,000 li po Kitaiu. Moskva, Gos. izd-vo detskoi lit-ry, M-va prosv. RSFSR, 1959. 365 p. (Shkol'naia biblioteka)

POPOV, V.I. [Geological formations are natural assemblages genetically associated rocks] Geologicheskie formatsii - estestvenno-istoricheskie soobshchestva geneticheski sviazannykh sopriazhennykh gornykh porod. Samarkand, Izd-vo Uzbekskogo gos. univ.
  Pt. 1. 1959. 148 p.

POSOKHOV, E.V. [Studies in the hydrochemistry of underground waters in central regions of Kazakhstan] Ocherki po gidrokhimii podzemnykh vod tsentral'nykh raionov Kazakhstana. Moskva, Izd-vo Akad. nauk SSSR, 1960. 158 p.

RIABININ, A.K [From the Arctic to the Antarctic; travel diaries] Iz Arktiki v Antarktiku; putevye dnevniki. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 253 p.

RIABUKHIN, G.E. [Geology in China; two years' work in the Chinese People's Republic] Geologiia v Kitae; dva goda raboty v KNR. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 8)

RUKHINA, E.V. [Lithology of moraines] Litologiia morennykh otlozhenii. [Leningrad] Izd-vo Leningr. univ., 1960. 140 p.

RUSIN, N.P. [Continent beyond the clouds] Kontinent za oblakami. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 173 p.

RYMSHA, V.A. [Investigation of ice on rivers and reservoirs] Ledovye issledovaniia na rekakh i vodokhranilishchakh. Leningrad, Gidrometeor. izd-vo, 1959. 190 p.

SCHASTNEV, P.N., and P.G. TEREKHOV. [General soil science, textbook for pedagogical schools] Obshchee zemlevedenie; uchebnik dlia pedagogicheskikh uchilishch. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 334 p.

SHISTER, E.L. [To Antarctic after whales] V Antarktiku za kitami. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry, 1948. 71 p.

SHUMSKII, P.A. [An outline of the history of the study of ground ice] Ocherk istorii issledovaniia podzemnykh l'dov. IAkutsk, IAkutskoe izd-vo, 1959. 52 p.

SINITSYN, M.S. [Across the Nenets land, traveler's sketches] Po nenetskoi zemle, putevye ocherki. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 116 p.

SULTANOV, A.D. [Lithology of Cretaceous sediments in the southeastern part of the Greater Caucasus] Litologiia melovykh otlozhenii iugo-vostochnoi chasti Bol'shogo Kavkaza. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 210 p.

SUZIUMOV, E.M. [A life devoted to Antarctica; Douglas Mawson, the explorer of Antarctica] Zhizn', otdannaia Antarktide. Issledovatel' Antarktiki Duglas Mouson. Moskva, Gos izd-vo geogr. lit-ry, 1960. 78 p. (Zamechatel'nye geografy i puteshestvenniki)

[THROUGH OUR LAND, tourist sites and itineraries of the Moscow Interprovince Tour Administration of the All-Union Central Council of Trade Unions] Po rodnoi zemle, turistskie bazy i marshruty Moskovskogo mezhoblastnogo turistsko-ekskursionnogo upravleniia VTsSPS. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 154 p.

[THROUGH THE FAR EAST] Po Dal'nemu Vostoku. [Moskva?, IZOGIZ, 1957] [2]p., 15 postcards (in folder).
  (CLSU)

TIUTIUNOV, I.A. [Process of the modification and transformation soils and rocks at freezing temperatures (chryogenesis)] Protsessy izmeneniia i preobrazovaniia pochv i gornykh porod pri otritsatel'noi temperature (kriogenez). Moskva, Izd-vo Akad nauk SSSR, 1960. 141 p.

VSESOIUZNOE PALEONTOLOGICHESKOE OBSHCHESTVO. [Problems in paleobiology and biostratigraphy transactions of the 2d session of the All-Union Paleontological Society] Voprosy paleobiologii i biostratigrafii; trudy II sessii Vsesoiuznogo paleontologicheskogo obshchestva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 270 p.

ZLOBIN, A.P. [The meridian of Baikal] Baikal'skii meridian. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 190 p.

13. SCIENCE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi biologii. [Reparative processes in vertebrate animals; a collection of works of the Laboratory of Growth and Development and the Laboratory of Histophysiology] Vosstanovitel'nye protsessy u pozvonochnykh zhivotnykh; sbornik rabot Laboratorii rosta i razvitiia i Laboratorii gistofiziologii. Pod nauchn. red. I.N. Maiskogo, L.D. Lioznera i V.N. Dobrokhotova. Moskva, 1959. 281 p.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Viktor Amazaspovich Ambartsumian. Erevan, 1954. 72 p. (Materialy k biobibliografii uchenykh SSSR)
  (MH)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Botanicheskii sad. [Trees and shrubs at the Alma-Ata Botanical garden] Derev'ia i kustarniki Alma-Atinskogo sada. Pod red. A.M. Mushegiana. Alma-Ata, 1959. 274 p.

AKADEMIIA NAUK SSSR. [Kinetics and catalysis] Kinetika i kataliz. Moskva, 1960. 260 p.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. [Lomonosov; articles and other material] Lomonosov; sbornik statei i materialov. Moskva.
  Vol. 4. 1960. 404 p.

AKADEMIIA NAUK SSSR. Vychislitel'nyi tsentr. [Collection of standard and route programs for the BESM electronic computer digital] Sbornik standartnykh i tipovykh programm dlia BESM. Moskva, 1960. 73 p.

AKADEMIIA NAUK URSR, Kiev. [Russian- Ukrainian chemical dictionary; 6000 words and terms] Russko-ukrainskii khimicheskii slovar'; 6000 terminov. Sost. E.F. Nekriach, IU.P. Nazarenko i V.P. Chernetskii. Kiev, 1959. 204 p.

AKIMOV, M.P. [Animal ecology] Ekologiia zhivotnykh [Kiev] Izd-vo Kievskogo univ., 1959. 174 p.

BACHINSKII, A.I. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 274 p.

BARANOV, V.I. [Stage of the development of Tertiary flora and vegetation in the U.S.S.R.] Etapy razvitiia flory i rastitel'nosti v tretichnom periode na territorii SSSR. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 363 p.

BARKOV, V.G. [On the forest path; a forester's notes] Na lesnoi trope; zapiski lesnichego. [Moskva] Mosk. rabochii, 1959. 142 p.

BAUM, F. A., K. P. STANIUKOVICH, and B. I. SHEKHTER. [Explosion physics] Fizika vzryva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 800 p.
[MICROFILM]

BELIAEV, M. M. [Zootomy of vertebrates, manual for practical studies on the zoology of vertebrates for pedagogical institutes] Zootomiia pozvonochnykh; rukovodstvo k prakticheskim zaniatiiam po zoologii pozvonochnykh dlia pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1947. 262 p.
(MnU)

BEREZOVA, E. F. [Microbes and the life of plants] Mikroby i zhizn' rastenii. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 6)

BILAI, V. I. [Conquerors of the invisible, from the history of Soviet microbiology] Peremozhtsi nevydymykh, z istorii vitchyznynoi mikrobiologii. Kyiv, Radians'ka shkola, 1957. 185 p.
(DNLM)

BOGUSHEVSKII, K. S., and K. P. SIKORSKII. [*Methodological* instructions for teaching mathematics in the ninth grade] Metodicheskie ukazaniia k prepodavaniiu matematiki v IX klasse; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 183 p.

BORISOV, A. A. [Climates of the U. S. S. R., teacher's manual] Klimaty SSSR; posobie dlia uchitelei. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 274 p., maps.
[MICROFILM]

BORODULINA, A. A., and V. I. RUNOV. [Physiological principles of foliar feeding of plants] Fiziologicheskie osnovy vnekornevykh podkormok rastenii. Tashkent, Izd-vo Akad. nauk UzSSR, 1959. 269 p.

BRADIS, V. M., V. L. MINKOVSKII, and A. K. KHARCHEVA. [Errors in mathematical judgments] Oshibki v matematicheskikh rassuzhdeniiakh. Izd. 2., perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 175 p.

CHEKANOVSKAIA, O. A. [Earthworms and soil formation] Dozhdevye chervi i pochvoobrazovanie. Moskva, Izd-vo Akad. nauk SSSR, 1960. 205 p.

DEMIRCHOGLIAN, G. G. [Radioisotopes and radiation in biology] Radioizotopy i izlucheniia v biologii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 59 p.

ELISEEV, S. V. [Geodetic instruments and apparatus; principles of calculation and design and specific features of manufacture] Geodezicheskie instrumenty i pribory; osnovy rascheta, konstruktsii i osobennosti izgotovleniia. Izd. 2., perer. i dop. Moskva, Izd-vo geodez. lit-ry, 1959. 478 p.

ELIZAROV, K. N. [Fundamentals of the teaching of the electric field (electrostatics) in secondary schools; teachers manual] Osnovy ucheniia ob elektricheskom pole v srednei shkole (electrostatika), posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 173 p.

ERENBURG, I. G. [Frederic Joliot-Curie] Frederik Zholio-Kiuri. Moskva, Gos. izd-vo polit. lit-ry, 1958. 30 p.

FAGE, M. K. [Operator-analytical functions with one independent variable] Operatorno-analitychni funktsii odniiei nezalezhnoi zminnoi. Z peredmovoiu N. N. Bogoliubova. [L'viv] Vyd-vo L'vivs'koho derzh. univ., 1959. 173 p.

FLINT, E. E. [Catalog of very hard crystals] Katalog vysokotverdykh kristallov. Moskva, Izd-vo Akad. nauk SSSR, 1959. 50 p.

GIUNTER, N. M., and R. O. KUZ'MIN. [Collection of problems in higher mathematics] Sbornik zadach po vysshei matematike. Izd. 14. Moskva, Gos. izd-vo fizikomatem. lit-ry.
Vol. 2. 1959.
(CU)

GLUZDAKOV, S. I. [Geography of cultivated plants; manual for teachers] Geografiia kul'turnykh rastenii; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 143 p.

GOLOVIN, P. N. [Powdery mildew fungi parasitic on cultivated and wild useful plants] Muchnisto-rosianye griby, parazitiruiushchie na kul'turnykh i poleznykh dikikh rasteniiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 262 p.

GUSEV, A. A. [Present-day foreign literature on physics, mechanics, and applied mathematics] Sovremennaia zarubezhnaia literatura po fizike, mekhanike i prikladnoi matematike. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1959. 71 p.

GUTENMAKHER, L. I. [Electronic data and logic machines] Elektronnye informatsionno-logicheskie mashiny. Moskva, Izd-vo Akad. nauk SSSR, 1960. 169 p. (Nauchno-populiarnaia seriia)

HUA LO-KÊNG. [Harmonic analysis of functions of several complex variables in classical domains. Translated from the Chinese] Garmonicheskii analiz funktsii mnogikh kompleksnykh peremennykh v klassicheskikh oblastiakh. Pod red. M. I. Graeva. Moskva, Izd-vo inostr. lit-ry, 1959. 163 p.

IUN'KOV, A. A. [*Interpretation of magnetic and* gravity anomalies over anticlinical structures] Interpretatsiia magnitnykh i gravitatsionnykh anomalii nad antiklinal'nymi strukturami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 20 p.
__________ 11 plates of diagr. (in portfolio)

KATS, A. L. [Short-range weather forecasting] Prognozy pogody maloi zablagovremennosti. Leningrad, Gidrometeor. izd-vo, 1959. 75 p. (Biblioteka sinoptika)
WU)

KAZARIAN, V. O. [Physiological foundations of plant ontogeny] Fiziologicheskie osnovy ontogeneza rastenii. Erevan, Izd-vo AN Armianskoi SSR, 1959. 425 p.

KITOV, A. I., and N. A. KRINITSKII. [Electronic digital computers and their programming] Elektronnye tsifrovye mashiny i programmirovanie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 572 p.

KOCHETKOV, N. I. [In a cabin in the woods] V lesnom domike. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1958. 93 p.

KOGAN, A. B. [Principles of the physiology of the higher nervous activity] Osnovy fiziologii vysshei nervnoi deiatel'nosti. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 542 p.

KOLESOV, S. G. [Anabiosis of pathogenic microorganisms] Anabioz patogennykh mikroorganizmov. Moskva, Sel'khozgiz, 1959. 141 p.
(DNLM)

KRYZHANOVSKII, D. A. [Isoperimeters; maximum and minimum characteristics of geometric figures] Izoperimetry; maksimal'nye i minimal'nye svoistva geometricheskikh figur. Izd. 3., Pod red. I. M. IAgloma. Moskva, Gos. *izd-vo fiziko-matem.* lit-ry, 1959. 114 p.

LAZAREV, P. P. [*Helmholtz*] Gel'mgol'ts. Moskva, Izd-vo Akad. nauk SSSR, 1959. 102 p.

LEBEDEV, A. N. [Graphs and charts for calculating climatic characteristics of various frequency for the European territory of the U. S. S. R.] Grafiki i karty dlia raschet klimaticheskikh kharakteristik razlichnoi obespechennosti na Evropeiskoi territorii SSR. Leningrad, Gidrometeorologicheskoe izd-vo, 1960. 115 p.

LEBEDEV, S. A., ed. [BESM electronic digital computer] Elektronnaia tsifrovaia vychislitel'naia mashina BESM. Moskva, Gos. izd-vo fiziko-matem. *lit-ry.*
- Vol. 1. Lebedev, S. A., and V. A. Mel'nikov. [General description of the BESM digital computer and its operation] Obshchee opisanie *BESM* i metodika vypolneniia operatsii. 1959. 208 p.
- Vol. 2. Golovistikov, P. P., A. N. Zimarev, and K. S. Nesliukhovskii. [Arithmetic and control units of the BESM digital computer] Arifmeticheskoe ustroistvo i ustroistvo upravleniia BESM. 1960. 244 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Lenin Prizes in natural sciences and technology; a bibliography] Leninskie premii v oblasti estestvoznaniia i tekhniki; rekomendatel'nyi ukazatel' literatury. Leningrad. 1 v.
(CU)

LOPATYNS'KYI, IA. B. [Fundamentals of linear algebra] Osnovy liniinoi algebry. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 108 p.

MENDELEEV, D. I. [*Scientific archives:* Conquest of the Far North] Nauchnyi arkhiv: Osvoenie Krainego Severa. Moskva, Izd-vo Akad. nauk SSR.
- Vol. 1. [The high latitudes of the Arctic Ocean] Vysokie shiroty Severnogo Ledovitogo okeana. 1960. 427 p.

MESHCHERSKII, I. V. [Collection of problems in theoretical mechanics] Sbornik zadach po teoretic skoi mekhanike. Izd. 25. Moskva, Gos. izd-vo fi matem. lit-ry, 1959. 384 p.
(CSt)

MOSCOW. INZHENERNO-FIZICHESKII INSTITUT. [Problems in theoretical physics; a collection of articles] Nekotorye voprosy teoreticheskoi fiziki, sbornik statei. [Moskva] Izd-vo Glav. upr. po isp zovaniiu atomnoi energii, 1958. 185 p.
(CU)

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRC Sektsiia istorii estestvoznaniia. [Annals of biolog Annaly biologii. Moskva.
Vol. 1. 1959. 409 p.

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VESOV I PRIBOROV. [Weighing devices and testing machine theory and design] Vesoizmeritel'nye pribory i isp tel'nye mashiny; teoriia i raschet. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 178 p.

NIKITIN, V. N. [Russian works on the physiology, bi chemistry, and morphology of aging; historical ess and bibliography] Otechestvennye raboty po vozrast fiziologii, biokhimii i morfologii; istoricheskii ocherk i bibliografiia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1958. 109 p.

PANOV, D. IU. [Manual on the numerical solution of partial differential equations] Spravochnik po chisle nomu resheniiu differentsial'nykh uravnenii v chastr proizvodnykh. Izd. 5, Moskva, Gos. izd-vo tekhniko teoret. lit-ry, 1951. 182 p.
(WU)

PASTERNAK, S. I. [Biostratigraphy of Cretaceous deposits of the Volyn'-Podolian Upland] Biostratygrafiia kreidovykh vidkladiv Volyno-Podil's'koi plyt Kyiv, Vyd-vo Akad. nauk URSR, 1959. 98 p.

PENTKOVSKII, M. V. [Calculating diagrams (nomogra Schitaiushchie chertezhi, nomogrammy. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 150 p.

POPOV, A. V. [Birds in the Gissar-Karategin area; an ecologico-geographical survey] Ptitsy Gissaro-Karategina; ekologo-geograficheskii ocherk. Pod red. V. A. Stal'makovoi. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1959. 170 p.

PULKOVO. GLAVNAIA ASTRONOMICHESKAIA OBSER VATORIIA. [New instruments and methods in the meridian astrometry; reports made at the meeting of the Commission No. 8 (Positional Astronomy) duri the 10th Congress of the International Astronomical Union in Moscow in August 1958 ("discussion on instruments")] Novye instrumenty i metody v meridian noi astrometrii; doklady, prochitannye na zasedanii Komissii no. 8 (pozitsionnoi astronomii) vo vremia X s''ezda Mezhdunarodnogo astronomicheskogo soiuza v Moskve v avguste 1958 goda ("Instrumental'naia diskussiia"). Moskva, Izd-vo Akad. nauk SSSR, 195 97 p. [Parallel texts in Russian and English, French or German.]

PUTILOV, K. A. [Textbook of physics] Kurs fiziki. Izd. 4., perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
- Vol. 2. [Electricity] Uchenie ob elektrichestve. 1959. 583 p.

REZNIKOV, V. M. [Large molecules in the service of man] Bol'shie molekuly na sluzhbe cheloveka [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1958. 53 p.

RUBIN, B. A. [Lectures on plant physiology] Lektsii po fiziologii rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 221 p.

RUSINOV, M. M. [Dimensional calculation of optical systems] Gabaritnyi raschet opticheskikh sistem. [n. p.] Izd-vo geodez. lit-ry, 1959. 257 p.

RUSSIA (1923- U. S. S. R.) Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo Geofizicheskogo Goda. [Collection of materials of the enlarged Conference of the Group of Workers in *Glaciology* at the Soviet Interdepartmental Committee for the International Geophysical Year, May 20-24, 1958, Moscow] Sbornik materialov rasshirennogo *soveshcha*niia rabochei gruppy po gliatsiologii Sovetskogo Mezhduvedomstvennogo komiteta Mezhdunarodnogo *Geofizicheskogo* Goda, 20-24 maia 1958 g. v Moskve. Moskva, 1959. 165 p.

SAPARINA, E. V. [Surveying from skiers] Nebesnyi zemlemer. [Moskva] Izd-vo TsK VLKSM "Molodaia *gvardiia,*" 1959. 108 p.

I., and K A. SEMENDIAEV. [Mathematic
f five digits] Piatiznachnye matematicheskie
. Izd. 2. Moskva, Gos. izd-vo fiziko-matem.
1959. 463 p.

, M.I. [Neutron tissue dose] Tkanevaia doza
iv. Pod red B.M.Isaeva. Moskva, Izd-vo
.po ispol'zovaniiu atomnoi energii pri Sovete
ov SSSR, 1960. 217 p.

SKAIA, M. P., and I. A EL'TSIN. [Collection
ted problems in physics] Sbornik izbrannykh
po fizike. Pod red. S. E Khaikina Moskva,
-vo fiziko-matem lit-ry, 1959. 207 p.

., R. F., O M CHELPANOVA, and V. IA.
VA[Air pressure, air temperature and at-
ric precipitation in the Northern Hemisphere]
e vozdukha, temperatura vozdukha i atmos-
osadki severnogo polushariia. Pod red O A.
va i T. V. Pokrovskoi Leningrad, Gidro-
, izd-vo, 1959. 473 p.
___ [Atlas of charts] Atlas kart.

', IU. L, and, O E ZVIAGINTSEV. [Nikolai
vich Kurnakov, his life and works] Nikolai
vich Kurnakov, zhizn' i deiatel'nost'. Moskva,
Akad nauk SSSR, 1960 205 p.

I. S. [Classification of the lymph nodes of the
abdominal cavity] Klassifikatsiia limfaticheskikh
riushnoi polosti cheloveka. Kiev, Gos. med.
USSR, 1959. 138 p.

ICHEV, V. I. [Mycoflora of Azerbaijan]
ora Azerbaidzhana. Baku, Izd-vo Akad nauk
idzhanskoi SSR
2. [Rust fungi] Rzhavchinnye griby. 1959
442 p.

, S. I. [Lenin and physics, collected articles]
fizika; sbornik statei. Moskva, Izd-vo Akad.
SSR, 1960. 94 p (Nauchno-populiarnia seriia)

OV-VEL'IAMINOV. B. A. [Atlas and catalog
acting galaxies] Atlas i katalog vzaimodeistvu-
kh galaktik. Moskva, Gos. astronomicheskii
. P. K. Shternberg pri Mosk. gos. univ.
1. 1959.
)

NAIA AKADEMIIA SEL'SKOKHOZIAISTVEN-
NAUK IMENI V. I. LENINA [Works on hel-
logy; on Academician K. I. Skriabin's 80th
y] Raboty po gel'mintologii, k 80-letiiu akade-
. I. Skriabina. Moskva, Izd-vo M-va sel'. khoz.

1. 1959. 217 p.

N, V. L. [Handbook of numerical methods for
algebraic and transcendental equations]
chnik po chislennym metodam resheniia alge-
skikh i transtsendentnykh uravnenii. Pod red.
opshitsa. Moskva, Gos. izd-vo fiziko-matem.
1960. 216 p.

E. K, ed. [Human physiology] Fiziologiia
ka. Izd. 2. Moskva, Gos. izd-vo "Fizkul'tura
," 1959. 606 p.

14. MEDICINE

', M. G. [Cytologic diagnosis by the puncture
; diagnostic significance of cytologic analysis
tates of the lymphatic nodes and organs]
gicheskaia diagnostika metodom punktsii;
ticheskoe znachenie tsitologicheskogo is-
niia punktatov limfaticheskikh uzlov i organov.
, Medgiz, 1948. 117 p.
U)

, A. D. [Therapeutist's guide] Sputnik
ta. Minsk, Gos. izd-vo BSSR, 1959. 1 v.
LM)

IIA MEDITSINSKIKH NAUK SSSR. Moscow.
t eksperimental'noi biologii. [Immunological
ls for the investigation of malignant neoplasms;
of a conference, December 10-12, 1956]
ologicheskie metody issledovaniia zlokache-
ykh novoobrazovanii, trudy nauchnoi konferentsii,
dekabria 1956 g. Moskva, 1959. 243 p.
LM)

IIA MEDITSINSKIKH NAUK SSSR, Moscow.
t epidemiologii i mikrobiologii. [Specific
tion of whooping cough; works of a conference
intly with research and practice institutions,
5-6, 1958] Spetsificheskaia profilaktika kokliu-
udy nauchnoi konferentsii, provedennoi sov-
s nauchno-issledovatel'skimi i prakticheskimi
hdeniiami 5-6 marta 1958 g. Pod red. M. S.
rovoi. Moskva, Gos. izd-vo med. lit-ry, 1958.

LM)

AL'DITSKII, B. A. [Materials on the problem of heterotopic bone formation and the stimulation of osteogenesis, clinical and experimental investigation] Materialy k voprosu o geterotopicheskom obrazovanii kosti i stimuliatsii kosteobrazovaniia, klinicheskoe i eksperimental'noi issledovanie. Tomsk, Izd-vo, Tomskogo univ., 1959. 246 p.
(DNLM)

ALEKSANDROV, I. N. [Hearing disorders and deafness, prevention and treatment] Tugoukhost' i glukhota, preduprezhdenie i lechenie. Izd. 2. Moskva, Gos. izd-vo med. lit-ry, 1959. 34 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

ALIKISHIEV, R. SH. [Studies in the history of public health in Daghestan] Ocherki po istorii zhdravookhraneniia Dagestana. Moskva, Medgiz, 1958. 174 p.
(DNLM)

ANOSOV, N. N. [Treatment and prevention of thrombosis of the cerebral vessels with anticoagulants] Lechenie i preduprezhdenie trombozov sosudov golovnogo mozga antikoaguliantami. [Leningrad] Medgiz, 1959. 111 p.
(DNLM)

AVERBAKH, M. M. [Pathology of dyshormonal diseases and cancer of the breast] Patologiia disgormonal'nykh zabolevanii i raka molochnoi zhelezy. Moskva, Medgiz, 1958. 208 p.
(DNLM)

AVERBUKH, E. S., ed. [Nervous and mental disturbances in hypertension] Nervnye i psikhicheskie narusheniia pri gipertonicheskoi bolezni. [Leningrad] Medgiz, 1959. 351 p.
(DNLM)

BABUSHKIN, V. S. [Doctor E. P. Serebrennikova] Vrach E. P. Serebrennikova. Perm', Permskoe knizhnoe izd-vo, 1957. 46 p. (Zamechatel'nye liudi Prikam'ia)
(DNLM)

BERINSKAIA, A. N. [Outcome and prognosis of myocardial infarct] Iskhody i prognoz infarkta moikarda. Moskva, Medgiz, 1958. 270 p.
(DNLM)

BLAEVA, F. K. [Hygiene for the eye] Gigiena organa zreniia. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1957. 37 p.
(DNLM)

BOGDANOVICH, L. A. [A glass of vodka, alcoholism, its consequences, control, and treatment] Riumka vodki, alkogolizm, ego posledstviia, bor'ba s nim i lechenie. Moskva, Gos. izd-vo med. lit-ry, 1959. 38 p. (Nauchno-populiarnaia meditsinskaia literatura)

BRAUDE, I. L. [Emergency surgery in obstetrics an gynecology, a manual for physicians] Neotlozhnaia khirurgiia v akusherstve i ginekologii, rukovodstvo dlia vrachei. Izd. 2., dop. Moskva, Medgiz, 1947. 219 p.
(MnU)

BURNAZIAN, A. I., and A. V. LEBEDINSKII, eds. [Radiation medicine, manual for physicians and students] Radiatsionnaia meditsina; posobie dlia vrachei i studentov. Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 313 p.
(DNLM)

D'IACHENKO, V. A. [Anomalies in the development of the spine as revealed by anatomical radiography] Anomalii razvitiia pozvonochnika v rentgenoanatomicheskom osveshchenii. Moskva, Medgiz, 1949. 199 p.
(MnU)

ELANSKII, N. N. [Student's outline for taking the history of a disease] Skhema istorii bolezni dlia studentov. Moskva, 1958. 118 p.
(DNLM)

FUKS, B. B. [Histochemistry and morphology of the normal and injured nerve; histochemical study of the mechanisms of nerve development] Gistokhimiia i morfologiia normal'nogo i povrezhdennogo nerva; opyt gistokhimicheskogo izucheniia mekhanizmov razvitiia nerva. [Novosibirsk] Izd-vo Sibirskogo otd-niia Akad. nauk SSSR, 1959. 197 p.

GAUZE, G. F. [Lectures about antibiotics] Lektsii po antibiotikam. Izd. 3., dop. Moskva, Gos. izd-vo med. lit-ry, 1958. 354 p.
(DNLM)

GORBADEI, N. K. [Intra-arterial transfusions of novocaine in the therapeutic clinic] Vnutriarterial'nye vlivaniia novokaina v terapevticheskoi klinike. [Leningrad] Medgiz, 1959. 114 p.
(DNLM)

GORBOVITSKII, S. E., ed. [[illegible] in the general [illegible] study of derma-
pathology, clinical [illegible] scientific,
toses, collection in honor [illegible] activity of Professor
public, pedagogical, [illegible] mem-
Olga Nikolaevna Pod[illegible] member
ber of the U.S.S.R. Academy [illegible] U.S.S.R.,
of the Academy of Sc[illegible] and director
of the Academy of Medical [illegible] of the
honored scientist of the [illegible]
of the Skin and Venereal [illegible] Voprosy
I. P. Pavlov First Leningrad [illegible] dermatozov;
obshchei patologii, klinik[illegible] obshche-
sbornik, posviashchennyi [illegible] nauchnoi
stvennoi, pedagogicheskoi [illegible] nauchnykh
zaveduiushchei kafedroi [illegible] instituta
boleznei I-go Leningradskogo [illegible] Akade-
im. akad. I. P. Pavlova, [illegible] Akademii nauk
mii nauk SSSR, deistvitel'nogo [illegible] meditsinskikh
SSR, deistvitel'nogo [illegible]
nauk SSSR, zasluzhennogo [illegible] [Leningrad]
Professora Ol'gi Nikolaevny [illegible]
Medgiz, 1958. 327 p.
(DNLM)

GUSEINOV, D. IA., [Manual [illegible] specialized
prescriptions] Umumi [illegible] 1957.
vĕsait. Baky, Azĕrb[illegible]
317 p [In Azerbaijani.] [illegible]

GUTNER, IA. I. [Clinical [illegible] of
diseases of the dental pulp [illegible] Klinika
i lechenie boleznei pul'py [illegible] Moskva,
Medgiz, 1958. 190 p.
(DNLM)

[HIGH CALLING; essays] V[illegible] ocherki.
[Moskva] Mosk. rabochii, [illegible]
(NN)

IAKOBSON, S. A. [A. G. Arkh[illegible]
physician, 1851-1905] [illegible] A. G. Arkhangel'-
skaia, 1851-1905. Moskva, [illegible] p.
(DNLM)

ITKES, G. N. [Treatment of [illegible] ulcer
at Caucasian Mineral Waters [illegible] Lechenie
bol'nykh iazvennoi bolezn'iu [illegible]
kishki na kurortakh Kavkazskikh [illegible] vod.
Izd. 2., dop. [Stavropol'] [illegible] knizhnoe
izd-vo, 1958. 75 p.
(DNLM)

KAMINSKII, L. S. [Processing [illegible] laboratory
data, use of statistics in the [illegible] practice
of the physician] Obrabotka [illegible] laborator-
nykh dannykh, primenenie [illegible]
prakticheskoi rabote vracha [illegible] Gos. izd-vo
med. lit-ry Medgiz, Leningrad [illegible] 105 p.

KASSIL', G. N. [Pain [illegible] obezbolivanie
Moskva, Izd-vo Akad. nauk, [illegible] (Nauchno-
populiarnaia seriia)
(DNLM)

KIEV. KIEVSKII INSTITUT [illegible] i MIKRO-
BIOLOGII. [Theoretical [illegible] in
immunology] Teoreticheskie [illegible] voprosy
immunologii. Kiev, Izd-vo, [illegible] 1956.
367 p.
(DNLM)

KOMAROVA, L. A. [Therapeutic [illegible] use of
utraviolet rays] Lechebnoe [illegible] pri-
menenie ul'trafioletovykh [illegible] Gos.
izd-vo med. lit-ry, Leningr[illegible] 98 p.
(DNLM)

KONTSKII, F. M. [Physician [illegible] development
of medical service and [illegible] medical
ethics] Vrach i bol'noi; [illegible]
obsluzhivaniia i osnovnye [illegible] etiki.
Izd. 3. Ioshkar-Ola, Mariiskoe [illegible] izd-vo, 1959.
105 p.
(DNLM)

KOSACH, A. K., and D. A. KHA[illegible] brief
sketch of the city and [illegible] kratkii
ocherk o gorode i sanatoriiakh. [illegible] izd-vo
BSSR, Red. sotsial'no-ekon. [illegible] 43 p.

KOTLIAROVA, KH. S., ed. [[illegible] Prakticheskie.
Leningrad, Medgiz, 1947. [illegible]
(MnU)

KOZAKEVICH, V. P., I. V. DOMARADSKII, and E. E.
BAKHRAKH. [Poisons used [illegible] and
carriers of highly dangerous [illegible] [Iady, pri-
meniaemye dlia bor'by s khr[illegible] perenoschi-
kami osobo opasnykh infektsii [illegible] N. Pastu-
khova. Moskva, Gos. izd-vo [illegible] 1959. 156 p.

KO[illegible]VA, A.L. [Clinical aspects and treatment of adamantinomas, odontomas, and cementomas] Klinika i lechenie adamantinom, odontom, i cementom. Moskva, Medgiz, 1959. [illegible] p. (Biblioteka prakticheskogo vracha)
(DNLM)

KUKOLEVSKII, G.M. [Doctor's advice to the athlete] Sovety vracha sportsmenu. Moskva, Gos. izd-vo med. lit-ry, 1959. 100 p. (Nauchno-populiarnaia meditsinskaia literatura)

LEBEDEV, D.D. [How to deal with poor appetite in children] Kak borot'sia s plokhim appetitom u detei. Moskva, Medgiz, 1958. [illegible] p. [illegible]
(DNLM)

LENINGRAD. GOSUDARSTVENNYI [illegible] INSTITUT IMENI [illegible]. [Session devoted to the 40th anniversary of the Great October Socialist Revolution, summaries of reports] [illegible] posviashchennaia 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii [illegible]. Leningrad, 1957. [illegible] p.
(DNLM)

LESHCHINSKII, A.F. [illegible] pharmacotherapy and diagnostics] [illegible] Kiev, Gos. med. izd-vo USSR, 1959. [illegible] p.

LIKHTERMAN, B.V., and D.E. [illegible] [illegible] [illegible] Moskva, Gos. izd-vo med. lit-ry, 1959. [illegible] p. [illegible]
(DNLM)

LI[illegible], I.G. [illegible] Moskva, Medgiz, 1959. [illegible] p.
(DNLM)

MAIOFIS, L.S. [Technology of pharmaceutical and galenical preparations] Tekhnologiia lekarstv i galenovykh preparatov. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otdelenie, 1958. [illegible] p.

MA[illegible], N.N. [illegible] in the diagnosis [illegible] [illegible] Moskva, 1958. [illegible] p. (Biblioteka [illegible] vracha)
(DNLM)

MAL[illegible] [illegible] Moskva, Gos. izd-vo [illegible] lit-ry, [illegible] 2?? p.
(DNLM)

MA[illegible], V.K., and N.D. [illegible] [illegible] [illegible] sanitarnoi [illegible] [Kiev] Izd-vo [illegible], 1959. 4? p.

ME[illegible], K.K. [Alcoholism [illegible]] [illegible] Moskva, Izd-vo [illegible] 1959. [illegible] p. [illegible]

MIL'MAN, I.I. [The subject of "Health Preservation"; materials for work in the [illegible] school] [illegible] Moskva, Medgiz, 1959. [illegible] p.
(DNLM)

MOROZKIN, N.I. [Influenza] Gripp. Moskva, Gos. izd-vo med. lit-ry, 1959. 173 p.
(DNLM)

MOVSESIAN, Z.G. [Trophic changes in the bones of the extremities as shown by radiography and regular features in their development] [illegible] Erevan, Aipetrat, 1959. 219 p.
(DNLM)

NEZLIN, S.E. [Pulmonary tuberculosis, prevention, treatment, and care. Practical manual for nurses in tuberculosis institutions] Tuberkulez legkikh, profilaktika, lechenie i ukhod. Prakticheskoe posobie dlia meditsinskikh sester protivotuberkuleznykh uchrezhdenii. Moskva, Gos. izd-vo med. lit-ry, 1959. 101 p. (Biblioteka srednego medrabotnika)
(DNLM)

PERSHIN, G.N., ed. [Methods of experimental chemotherapy, a practical guide] Metody eksperimental'noi khimioterapii, prakticheskoe rukovodstvo. Moskva, Medgiz, 1959. 460 p.
(DNLM)

PIRADOVA, M.D. [Polyps of the uterus] Polipy matki. Moskva, Medgiz, 1958. 68 p. (Biblioteka prakticheskogo vracha)
(DNLM)

POPOV, V.M. [Carriers of tick-borne encephalitis] Perenoschik kleshchevogo entsefalita, stroenie, zhizn', metody issledovaniia i bor'ba s nim. Moskva, Gos. izd-vo med. lit-ry, 1959. 114 p.
(DNLM)

[PROBLEMS OF DIAGNOSIS AND TREATMENT; collection in honor of the 100th anniversary of the V.V. Kuibyshev Hospital] Voprosy diagnostiki i terapii, sbornik, posviashchennyi 100-letiiu bol'nitsy im. V.V. Kuibysheva. [Leningrad] Medgiz, 1958. 4?5 p.
(DNLM)

RABUKHIN, A.E. [Epidemiology and pathogenesis of pulmonary tuberculosis] Epidemiologiia i patogenez legochnogo tuberkuleza. Moskva, Izd-vo Akad. med. nauk SSSR, 1958. [illegible] p.
(MnU)

RAPOPORT, IA.L. [Course in pathology, pathological physiology and pathological anatomy] Kurs patologii, patologicheskoi fiziologii i patologicheskoi anatomii. Moskva, Medgiz, 1959. 370 p.
(MnU)

[illegible], I.B. [Physician without rank] [illegible] Moskva, Medgiz, 1959. [illegible]
(DNLM)

[illegible], I.I. [Vegetative nervous disorders] Vegetativnye nervnye narusheniia. Moskva, Gos. izd-vo med. lit-ry, 1959. 151 p.
(DNLM)

SAMOILOV, A.IA. [Ophthalmologic symptoms in [illegible]] [illegible] simptomy [illegible] Moskva, Medgiz, 1959. 247 p.
(DNLM)

SHABANOV, A.N. Nikolai Aleksandrovich Semashko. Moskva, [illegible] 1959. 47 p. [illegible]
(DNLM)

SHAPAN, [illegible]. [illegible] about the [illegible] [illegible] Moskva, Medgiz, 1959. 100 p.
(DNLM)

SHEMIAKIN [illegible], A.IA. [illegible] Kazan', 1959. [illegible] p.
(DNLM)

SHEVELEV, E.I. [Intramedullary nailing] [illegible] [illegible] Kazan', Tatarskoe [illegible], 1959. 83 p.
(DNLM)

SHUBNIAKOV, K.K. [Manual for [illegible]] [illegible] Izd. 2., Leningrad, Medgiz, 1958. 380 p.
(MnU)

SOME PROBLEMS IN MATERIA MEDICA; collection of papers of the Central Pharmaceutical Research Institute of the Ministry of Public Health of the U.S.S.R. [Nekotorye voprosy lekarstvovedeniia; sbornik rabot [illegible] aptechnogo nauchno-issledovatel'skogo instituta M-va zdravookhraneniia SSSR. Moskva, Gos. izd-vo med. lit-ry, 1959. 152 p.

SPASOKUKOTSKII, S.I. [Works] Trudy. Moskva, Medgiz, 1948. 3 v.
(MnU)

STURM, O.G. [Chicken pox] Vetrianaia ospa. Moskva, Gos. izd-vo med. lit-ry, 1959. 50 p. (Biblioteka prakticheskogo vracha)
(DNLM)

TOLSTOVA, G.M. [Electrosurgical method in treating breast cancer] Elektrokhirurgicheskii metod lecheniia raka molochnoi zhelezy. Moskva, Gos. izd-vo med. lit-ry, 1959. 114 p.
(DNLM)

TROITSKAIA, A.D. [Electrotrauma of the skin] Elektrotravma kozhi. Leningrad, 1947. 160 p.
(MnU)

UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KOMUNAL'NOI GIGIENY. [Hygienic study and improvement of the environment] Gigienicheskoe izuchenie i ozdorovlenie vneshnei sredy. Kiev, Gos. med. izd-vo USSR, 1959. 331 p.

UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII SANITARNO-KHIMICHESKII INSTITUT. [Biology in medicine; proceedings of a conference of December 18-19, 1957] Biologiia v meditsine, trudy nauchnoi konferentsii, 18-19 dekabria 1957 goda. Kiev, Gos. med. izd-vo [illegible] 1959. 280 p.

URAZBAEVA, A.T. [Chronic purulent inflammation of the middle ear, prevention and treatment] [illegible] vospalenie srednego ukha, preduprezhdenie i lechenie. Moskva, Medgiz, 1958. [illegible] (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

VAIL', S.S. [Pathological anatomy of diseases caused by poisonous substances] Patologicheskaia anatomiia porazhenii, vyzyvaemykh otravliaiushchimi veshchestvami. [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe otdelenie, 1959. 180 p.
(DNLM)

VINOGRADOV, N.A. [On guard for health, achievements and tasks of the Soviet public health system] Na strazhe zdorov'ia, ob uspekhakh i zadachakh sovetskogo zdravookhraneniia. Moskva, Izd-vo "Znanie," 1960. 34 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 2)

VSESOIUZNAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA PO PRIMENENIIU RADIOAKTIVNYKH I STABIL'NYKH IZOTOPOV I IZLUCHENII V NARODNOM KHOZIAISTVE I NAUKE. Moscow, 195[illegible] [illegible] radiology] Meditsinskaia radiologiia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 400 p. (Its [illegible]
(DNLM)

ZAGORIANSKAIA, V.A. [Anatomy, physiology, practical methods for the investigation of the [illegible] and ventilator analyzers] Anatomiia, fiziologiia, prakticheskie metody issledovaniia [illegible] vestibuliarnogo analizatorov. Moskva, Medgiz, [illegible] 102 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ZHDANOV, V.M., V.D. SOLOV'EV, and F.G. E[illegible] [What we know about influenza] Uchenie o grip[illegible] Moskva, Gos. izd-vo med. lit-ry, 1959. 301 p.
(DNLM)

16. AGRICULTURE

ABRAMZON, S.M. [Life of workers on collective farms of the Kirghiz villages of Darkhan and Chichkan; the K.E. Voroshilov Collective Farm ("Ak-[illegible] of Pokrovka District, Issyk-Kul' Province, [illegible]] Byt kolkhoznikov kirgizskikh selenii Darkhan i Chichkan, kolkhoz imeni K.E. Voroshilova ("A[illegible] Pokrovskogo raiona, Issyk-Kul'skoi oblasti, [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1958.
(DS)

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakut[illegible] [Materials on the economics of the agriculture [illegible] Yakutia] Materialy po ekonomike sel'skogo kh[illegible] IAkutii. Moskva, Izd-vo Akad. nauk SSSR, 19[illegible] 163 p.
(DS)

AKADEMIIA NAUK UZBEKSKOI SSR. Tashkent[illegible] po izucheniiu proizvoditel'nykh sil. [Materials [illegible] productive forces of Uzbekistan] Materialy p[illegible] proizvoditel'nykh sil Uzbekistana. Tashk[illegible]
No. 13. [Agricultural problems of southwest[illegible] Uzbekistan] Voprosy sel'skogo kh[illegible] IUgo-Zapadnogo Uzbekistana. 1959
[MICROFILM]

AKIVIS, S.L., and others. [Drying of seed corn] [illegible] semennoi kukuruzy. Pod red. V.N. [illegible] Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'noi krupianoi, kombikormovoi promyshlennosti i elevatornoi skladskogo khoziaistva, 1959. 1[illegible]
(DA)

ALIEV, A.G., and others. [Vinegrower's book] Vinogradariia. Moskva, Gos. izd-vo sel'kho[illegible] 1959. 610 p.
(CU)

BAKHAREV, A.N. [Darwin and Michurin] Darv[illegible] Michurin. Moskva, Gos. izd-vo sel'khoz lit[illegible] 153 p.

BARANOV, O.A. [Thriving collective farm in the village of Lyubovka] Rozkvit kolhospu [illegible] [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 19[illegible]

A 15

BERENSHTEIN, F.IA. [Trace elements, their biological role and significance for stockbreeding] Mikroelementy, ikh biologicheskaia rol' i znachenie dlia zhivotnovodstva. Minsk, Gos izd-vo BSSR. Red. sel'khoz. lit-ry, 1958. 231 p.

BERNSHTEIN, S.M. [Fishing in reservoirs of the Moscow area] Lovlia ryby v vodokhranilishchakh Podmoskov'ia. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 94 p.

BONDAREVA, V.I. [Control of gid] Bor'ba s tsenurozom. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958 70 p.
(DA)

BORISOV, IU.S. [Twenty-five thousand envoys to collective farms] 25-tysiachniki. Moskva, Gos. izd-vo polit. lit-ry, 1959. 93 p.

BUDENNYI, S.M., comp [Book of the horse, breeding in horse raising and on the stud farm] Kniga o loshadi; plemennaia rabota v konevodstve i konnozavodstve Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959 443 p

DMITROCHENKO, A.P., ed. [Feeding of farm animals, a collection of papers] Kormlenie sel'skokhoziaistvennykh zhivotnykh, sbornik rabot. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 487 p
(DA)

ELEMANOV, A.E., ed. [Beef cattle of Kazakhstan] Miasnoe skotovodstvo Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 376 p.
(CSt)

[FLOURISH, TERRITORY OF VIRGIN LANDS] TSveti, tselinyi krai. Alma-Ata, Kazakhskoe gos. izd-vo, 1958 325 p

[FURTHER EXPANSION OF AGRICULTURE, resolution of the Central Committee of the CPSU, adopted December 25, 1959] O dal'neishem razvitii sel'skogo khoziaistva, postanovlenie Plenuma TsK KPSS, priniatoe 25 dekabria 1959 goda. Moskva, Gos izd-vo polit. lit-ry, 1959. 23 p.

GALENCHIK, I.Z., and others. [Winning peat and its uses in agriculture, a reference manual] Dobycha i ispol'zovanie torfa v sel'skom khoziaistve, spravochnoe posobie. Minsk, Gos. izd-vo BSSR. Red. sel'kozh. lit-ry, 1959. 231 p.
(DA)

GUSSON, B.B., and I.D. KRYZHKO. [Better varieties of agricultural crops] Oba khozhalyk ekinlerinin onat sortlary. Ashgabat, Turkmenistan dovlet neshriiaty, 1959. [In Turkmen]

HARIELKIN, L.L., and I.V. VOINAVA. [The Il'ich Collective Farm in Minsk District] Kalhas imia Il'icha, Minskaha raena. Minsk, Dziarzh. vyd-va BSSR, Rled. sel'skahaspadarchai lit-ry, 1959. 62 p.

[HUNTING GROUNDS, an anthology] Okhotnich'i prostory; al'manakh. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 13. 1959. 383 p.

IACHMENTSEVA, E.I. [Collective farm equipment on collective farm fields] Kolkhoznaia tekhnika na kolkhoznykh poliakh. [Moskva] Mosk. rabochii, 1959. 47 p.
(DA)

KHABENKA, K.K. [Fruit culture] Pladavodstva, druhoe vypraulenae i dapounenae vydanne Minsk, Dziarzhaunae vyd-va BSSR. Red. sel'skahaspadarchai lit-ry, 1959. 266 p.
(DA)

KHARITONOV, G.A. [Land improvement through afforestation in the Central Russian Upland] Agrolesomelioratsiia sredne-russkoi vozvyshennosti. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1958. 248 p.
(CtY)

KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. [Classified plan of literature to be published during 1960 by the Ukrainian Academy of Agricultural Sciences Publishing House] Tematychnyi plan vypusku literatury Vydavnytstvom Ukrains'koi akademii sil's'kohospodars'kykh nauk na 1960 r. Kyiv, 1960. 169 p.

KIRTBAIA, IU.K. [Over-all mechanization of agriculture production] Kompleksna mekhanizatsiia sil's'kohospodars'koho vyrobnytstva. Kyiv, 1959. 67 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 6, no. 22)

KNYHA, M.I. [Dairying] Sprava Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 155 p.

KOKURICHEV, P.I., and V.I. ROTOV. [Tuberculosis in poultry] Tuberkulez domashnikh ptits. Moskva, Gos. izd-vo sel'khoz lit-ry, 1959. 131 p
(DA)

KOLESNIKOV, V.A., ed. [Amateur fruitgrower's reference manual] Kalendar' – spravochnik sadovoda-liubitelia. Moskva, Izd-vo M-va sel'khoz khoz. SSSR, 1959. 494 p.
(DA)

KOLESNIKOV, V A. [Further expansion of fruit culture] Za dal'neishee razvitie plodovodstva. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe ob-vo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no 6)

KONSTANTINOV, K.G. [Commercial fish of Barents Sea and their feeding; a manual for crews of trawler fleets] Promyslovye ryby Barentseva moria i ikh pitanie, rukovodstvo dlia plavsostava tralovogo flota. Izd. 2. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 46 p.
(DI)

KORKUNOV, I., and others. [Socialist transformation of agriculture in the Chinese People's Republic, 1949-1957] Sotsialisticheskoe preobrazovanie sel'skogo khoziaistva v Kitaiskoi Narodnoi Respublike, 1949-1957. 206 p.

KOVROVA, P.N. [Our people control the carrying out of pledges; from the work experience of the public committee for controlling the carrying out of pledges in Ryazan Province] Vypolnenie obiazatel'stv pod kontrol' obshchestvennosti; iz opyta raboty Riazanskoi obshchestvennoi komissii po proverke vypolneniia obiazatel'stv. [Moskva] Izd-vo "Sovetskaia Rossiia," 1959. 29 p. (Bibliotechka sel'skogo partiinogo rabotnika)

KULESH, I V. [Our experience in the over-all mechanization of corn and flax cultivation] Nash opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy i l'na Minsk, 1960. 21 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 5)

LAPIRO-SKOBLO, S.IA. [Forest products; a commercial guide] Lesnoe tovarovedenie. Izd. 2., perer. i dop. Moskva, Goslesbumizdat, 1959. 435 p.

LEONOV, A.I. [Southern hemp] IUzhnaia konoplia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 158 p.
(DA)

[LET US PRODUCE AN ABUNDANCE OF GRAPES] Stroymo dostatok vynohradu. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 172 p.
(DA)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Machine-tractor stations constitute a decisive factor in collective farm production. Bibliography on the mechanization of agriculture as an aid to workers in machine-tractor stations] MTS - reshaiushchaia sila kolkhoznogo proizvodstva. Rekomendatel'nyi ukazatel' literatury po mekhanizatsii sel'skogo khoziaistva v pomoshch' rabotnikam MTS. Nauchnaia red S.A. Petrova. Moskva, 1954. 80 p.

MOSCOW. VSEROSSIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRUDOVOGO RYBNOGO KHOZIAISTVA. [Handbook on pond fish culture] Spravochnik po prudovomu rybovodstvu. Red. kollegiia: A.I. Isaev i dr. Moskva, Pishchepromizdat, 1959. 374 p.

MYKYTENKO, K.D. [Development of our collective farm during the seven-year plan] Kolhosp u semyrichtsi. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 24 p.

ORZHEVSKII, M.D. [Honeydew, honeydew honey, and bees] Pad', padevyi med, pchely. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 82 p.

PAVLOV, A.V. [Winter irrigation of fields to increase yield] Zimnee oroshenie polei dlia povysheniia urozhainosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 68 p.

PEREKHOD, V.I., and I.D. IURKEVICH, eds. [Forester's handbook] Spravochnik rabotnika lesnogo khoziaistva. Izd. 3, ispr. i dop. Minsk, Izd-Akad. nauk BSSR, 1959. 516 p.

PESOTSKAIA, E.A., and N.S. IAKOVLEVA. [Manual of pests and diseases of citrus fruits] Opredelitel' vreditelei i boleznei tsitrusovykh plodov. Moskva, Izd-vo M-va sel'skogo khoz. SSSR, 1959. 108 p., 16 plates.
(NIC)

PODPAL'NY
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POSOKHOV,
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SEVAST'IAN
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ekspertiz
Izd-vo M-

VORON'EV,
Maritime
dorov'ev
Blagovesh
183 p.

VORON'EV,
Kudesnik
khoz. lit-

VSESOIUZNOE OB"EDINENIE KNIZHNOI TORGOVLI [Classified plan of literature on agriculture to be published during 1960] Tematicheskii plan vypuska sel'skokhoziaistvennoi literatury na 1960 god, proekt. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 140 p.

WHITE RUSSIA. Ministerstvo sel'skogo khoziaistva. [Measures for increasing agricultural production per 100 hectares of land on collective and state farms of White Russia] Meropriiatiia po uvelicheniiu proizvodstva sel'skokhoziaistvennoi produktsii na 100 gektarov zemel'nykh ugodii v kolkhozakh i sovkhozakh BSSR. Red. kollegiia: I. S. Lupinovich i dr. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959. [illegible] p.
(DA)

[YOU GAVE YOUR WORD, keep it!] Dal slovo — sderzhi! [Leningrad] Lenizdat, 1959. 83 p.

ZAKHAROV, V. K., and others. [Timber-cutting manual] Lesozagotovitel'nyi spravochnik. Pod obshchei red. V. K. Zakharova. Minsk, Gos. izd-vo BSSR, 1959. 400 p.

ZINCHANKA, A. [illegible] tive farm village] [illegible] Minsk, [illegible], 1959. [illegible] p.

ZHIVOTKO, D. I. [Machines and devices for handling corn] Mashiny i prisposobleniia dlia uborki kukuruzy. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1960. 38 p.

ZIMIN, I. I. [Analysis of the cost of [illegible] production in logging enterprises in Arctic [illegible]] [illegible] v lespromkhoze. Moskva, Goslesbumizdat, 1959. [illegible] p.

16. TECHNOLOGY

ADJAN[illegible], V. KH. [Jet engines and high speeds] Reaktivnye dvigateli i bol'shie skorosti. Moskva, Izd-vo "Znanie," 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 6)

AGRYZKOV, N. A. [Injecting grouting into the gap behind the lining of hydraulic underground tunnels] [illegible] Moskva, Gos. energ. izd-vo, 1960. 45 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut [illegible]. [Instructions for using [illegible] and "pipe connecting" in drilling wells] [illegible] Alma-Ata, 1959. 13 p.

AKADEMIIA NAUK SSSR. Institut kompleksnykh transportnykh problem. [Problems in reducing the weight of rolling stock] Voprosy snizheniia vesa podvizhnogo sostava. Moskva, 1960. 190 p.

AKADEMIIA NAUK SSSR. Komitet tekhnicheskoi terminologii. [Electric machines, types of electric machines] Elektricheskie mashiny, vidy elektricheskikh mashin. Moskva, 1960. 20 p. (Its Sbornik rekomenduemykh terminov, no. 53)

AKADEMIIA NAUK SSSR. Mezhduvedomstvennaia [illegible] [Iron ore deposits in central Kazakhstan and ways for their utilization] Zhelezorudnye mestorozhdeniia Tsentral'nogo Kazakhstana i puti ikh ispol'zovaniia. Otv. red. I. P. Bardin. Moskva, 1960. 550 p. (Its [illegible] SSSR)

AKADEMIIA NAUK URSR, Kiev. [Russian-Ukrainian dictionary on mechanical engineering and general manufacture of machinery] [illegible] 18000 terminov. Red. V. V. [illegible] Kiev, 1959. 232 p.

AKADEMIIA NAUK URSR, Kiev. [The use of modern technology in production, improving quality and reducing costs of manufactured goods; materials of the First Scientific Technical Conference of Industrial Enterprises of Stalin District, Kiev] Voprosy vnedreniia v proizvodstvo peredovoi tekhnologii, uluchsheniia kachestva vypuskaemoi produktsii i snizheniia ee sebestoimosti; materialy pervoi nauchno-tekhnicheskoi konferentsii promyshlennykh predpriiatii Stalinskogo raiona g. Kieva. Kiev, 1959. 89 p.

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. [E. O. Paton Institute of Electric Welding] Institut elektrosvarki im. E. O. Patona. Pod red. B. E. Patona. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 159 p.

AKADEMIIA NAUK URSR, Kiev. Instytut vykorystannia hazu. [Complete utilization of fuel gases of the Ukraine, natural and industrial gases] Kompleksnoe ispol'zovanie goriuchikh gazov Ukrainy, prirodnye i promyshlennye gazy. Kiev, Izd-vo Akad. nauk USSR, 1960. 258 p.

AKADEMIIA NAUK URSR, Kiev. Rada po vyvchenniu produktyvnykh syl URSR. [Protection of natural waters and purification of industrial sewage] [illegible] Kyiv, 1960. 162 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut khimii. [Cements based on local raw materials] Tsementy na mestnom syr'e. Tashkent, 1959. 310 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Temporary technical specifications for designing construction elements made of hollow-light concretes with synthetic aggregates] Vremennye tekhnicheskie ukazaniia po proektirovaniiu konstruktsii iz legkikh betonov s [illegible] zapolniteliami. Moskva, 1959, 20 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Album catalog of designs of units, shops, and construction yards for making large brick blocks] Al'bom katalog proektov ustanovok, tsekhov i poligonov po izgotovleniiu krupnykh kirpichnykh blokov. Moskva, Gosstroiizdat, 1960. 95 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Anode mechanical tools for cutting high-strength and hardened reinforcing steel] Anodno-mekhanicheskie pily dlia rezaniia vysokoprochnoi i uprochnennoi armaturnoi stali. Moskva, Gosstroiizdat, 1960. 11 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Effective types of yards for storing aggregates at precast reinforced concrete plants] Effektivnye tipy skladov zapolnitelei pri predpriiatiiakh sbornogo zhelezobetona. Moskva, Gosstroiizdat, 1959. 91 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Moscow. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Precast prestressed reinforced concrete conveyor gallery] [illegible] Moskva, Gosstroiizdat, 1960. 15 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Moscow. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Using hydraulic classifiers in fractionating sand and removing clayey particles] Fraktsionirovanie peskov i udalenie iz nikh glinistykh chastits pri pomoshchi gidravlicheskikh klassifikatorov. Moskva, Gosstroiizdat, 1960. 35 p.

AKATOV, F. I., and others. [Performance of a motor vehicle engine under unsteady conditions] [illegible] Pod red. N. Kh. D'iachenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 234 p.

AHOLIGA MAISHIY XIZMAT KO'RSATISH KORXO NALARI VA [illegible] [illegible] Toshkent, 1959. 31 p. [In Uzbek.]
[illegible]

AKSENOV, I. IA. [Automatic control in transportation] Kibernetika na transporte. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 8)

ALEKSANDROV, A. I. [From the history of mechanical drawing in the Ural region and Siberia] [illegible] Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1959. 101 p.

ALEKSEEV, V. P., and D. N. VYRUBOV. [Internal combustion piston engines] Porshnevye dvigateli vnutrennego sgoraniia. Moskva, Gos. energ. izd-vo, 1959. 102 p. (Biblioteka teplotekhnika, no. 3)

ANDREEV, V. A., and others. [Using the lofting process in designing contours of an airplane] [illegible] Pod obshchei red. P. I. [illegible] Moskva, Gos. izd-vo oboronnoi promyshl., 1960. 195 p.

ANTONOV, A. P. [New city districts built in Murmansk Province during the seven-year plan] Novostroiki Murmanskoi oblasti v semiletke. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 34 p.

ANTONOV, P. M. [
tata] Voprosy
apartament

AR'EV, IU. A., an
with supports on
[illegible]
tekhn. izd-vo
[illegible]
[illegible]

ARKHIPOV, V. N. [
polyvinyl chlori
polivinilkhlorid
Latviiskoe izd-vo,
khoziaistva)

ARMENIAN S.S.R.
culinary art] Arm
Pirozian. Mosk

[AUTOMATION IN
AT ROAD; collect
v mashinostroen
Pod obshchei red
vo inostr. lit-ry,

BAKSHEEVA, I. I.
various method
economics of m
metodov proizvod
[illegible]
Moskva, [illegible]

BALZIN, M. P., and
flexible dynamic
ing proportion
[illegible]
[illegible]
(Chelia[illegible]
[illegible]

BAPTIDANOV, L. N.
equipment of elect
in 2 volumes]
stantsii i podst
Moskva, Gos. ene
Vol. 2. [
equipm
control,
elektr
[illegible]
[illegible]
[illegible]

BARMASH, V. N., [illegible]
[Portable tools for
tions] Ruchnye
nykh rabot. Mosk
[illegible]

BARMAKOV, V. P.,
belt and chain tra
[illegible]
tekhn. izd-vo
(Biblioteka

BASMANOV, V. A.
blasting operation
Pod red. I. M. [illegible]
po stroit., arkhit

BEILIN, L. D., ed
man] Spravochnik
Moskva, Gos. [illegible]
dela, 1960. 547 p

BERDICHEVSKII, M
method] Elektric
[illegible]
Gos. nauchno-tekhn
lit-ry, 1960. 216

BERDINSKIKH, I. P.
Kiev, Gos. izd-vo
1959. 304 p.

[BEST DESIGNS OF
OF THE WORK OF
konstruktsii [illegible]
[illegible]

BEUS, A. A.
types of beryllium
genetic types
Moskva, Izd-vo Ak

BIAL'KEVICH, P. I.,
and raw material
i syr'evaia baza
vo BSSR. Red. sel'

BLANTER, S.G. [Current converters for traction substations] Preobrazovateli toka tiagovykh podstantsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 258 p.

BLEIKHER, I.G., and V.P. LISEEV. [Compressor units] Kompressornye stantsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 323 p.

BOGDANOV, A.I. [Interpretation of seismic hodographs] Interpretatsiia seismicheskikh godografov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 288 p.

BOICHENKO, M.I. [A giant turbogenerator plant] Veleten' turbobuduvannia. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 23 p.

BRAUN, M.P., and others. [Mechanical properties, heat resistance and heat treatment of alloyed steel] Mekhanicheskie svoistva, teploustoichivost' i termicheskaia obrabotka legirovannoi stali. Kiev, Izd-vo Akad. nauk USSR, 1959. 190 p.

BRONSHTEIN, A.M., B.S. KATKOV, and A.I. BRONFMAN. [Main switches and arresters of a.c. electric locomotives] Glavnye vykliuchateli i razriadniki elektrovozov peremennog toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 54 p. (Bibliotechka mashinista-elektrovoza)

BROVERMAN, A.M., S.M. LEVIN, and N.D. FAER-SHTERN. [Using computers in planning and organizing the production of standard parts, experience of Nevskii Machinery Plant] Primenenie schetnykh mashin v operativnom planirovanii i podgotovke proizvodstva normalizovannykh detalei; opyt Nevskogo mashinostroitel'nogo zavoda imeni V.I. Lenina. Leningrad, 1959. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Organizatsiia i ekonomika proizvodstva, vyp. 2)

BROVERMAN, M.V. [Technology of the manufacture of centrifugal compressors] Tekhnologiia proizvodstva tsentrobezhnykh kompressornykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 220 p.

BUGAETS, E.A. [Photogrammetry in mining] Fotogrammetriia v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 243 p.

BYCHENKOV, IU.D. [Investigating the performance of stretching equipment and cone-type anchorage] Issledovanie raboty natiazhnogo oborudovaniia i konusnykh ankerov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 27 p.

CHASTNYI, P.M. [National dishes of Kazakhstan] Natsional'nye bliuda Kazakhstana. Izd. 2., perer. i dop. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 69 p.

CHEBOTAREVSKII, V.V. [Lacquers and paints in the national economy] Laki i kraski v narodnom khoziaistve. Moskva, Izd-vo Akad. nauk SSSR, 1960. 99 p. (Nauchno-populiarnaia seriia)

CHERNOBYL'SKII, I.I. [Evaporators, fundamentals of the theory and computations] Vyparnye ustanovki, osnovy teorii i rascheta. [Kiev] Izd-vo Kievskogo univ., 1960. 261 p.

[COLOR TELEVISION RECEIVERS] Priemniki tsvetnogo televideniia; sbornik perevodov. Moskva, Gos. energ. izd-vo, 1960. 46 p. (Televidenie za rubezhom)

DARKOV, A.V., N.M. MITROPOL'SKII, and G.S. SHAPRIO. [Strength of materials] Soprotivlenie materialov. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 741 p.

DASHKEVICH, B.P., S.K. D'IACHENKO, and S.Z. STOLBOV. [Machine parts; project work for course credit] Detali mashin, kursovoe proektirovanie. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 295 p.

DAVIDIANTS, V.T., and G.L. KOZELEV. [Investigating manifestations of rock pressure in stopes with new types of support] Issledovaniia proiavleniia gornogo davleniia v ochistnykh zaboiakh pri novykh vidakh krepei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 203 p.

DELLE, V.I. [Sectional and combined furniture; review of foreign practices] Sektsionno-kombinirovannaia mebel'; obzor zarubezhnogo opyta. Moskva, Tsentr. biuro tekhn. informatsii bumazhnoi i derevoobrabatyvaiushchei promyshl. GNTK SSSR, 1960. 77 p.

[DESIGN OF INDUSTRIAL LABORATORIES AND OFFICES OF THE DEPARTMENT OF TECHNICAL CONTROL, brief manual] Proektirovanie zavodskikh laboratorii i sluzhb otdela tekhnicheskogo kontrolia, kratkoe spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 154 p.

DOLIN, P.A., and P.F. SOLOV'EV. [Safety engineering] Tekhnika bezopasnosti. Izd 3., perer. i dop. Moskva, Gos energ. izd-vo (Spravochnik elektromontera, no 5)

DUB, B.I. [Pipe fittings for high-pressure piping systems] Armatura truboprovodov vysokogo davleniia. Izd. 2, perer i dop. Moskva, Gos. energ. izd vo, 1960. 228 p.

DUBROVSKII, V.V., and others. [Manual of well boring for water supply] Spravochnik po bureniiu skvazhin na vodu. Izd. 2., perer. i dop. Moskva, Gos nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 483 p.

EKIMOV, K.K., V.D. MAKRINOV, and G.I. SUKHANOV. [Making forgings by means of drop hammers and power presses] Izgotovlenie pokovok pod kovochnymi molotami i pressami. Pod obshchei red. P.V. Kamneva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 122 p. (Bibliotechka kuznetsa-novatora, no. 4)

EKSPERIMENTAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KUZNECHNO-PRESSOVOGO MASHINOSTROENIIA. [Investigation and design of drop forging and die stamping machinery] Issledovaniia i raschety mashin kuznechno-shtampovochnogo proizvodstva. Pod red. A.I. Zot'eva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,

Vol. 1. 1959. 233 p.

[MICROFILM]

ELISEEV, A.A., and V.N. GOLOUSHKIN. [Development of electric engineering in the U.S.S.R.] Razvitie elektrotekhniki v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 45 p.

EMEL'IANOV, A.IA. [Radio amateurs in schools; narration of work experiences of a radio club which was organized by the All-Union Volunteer Society for Assistance to Army, Air Force, and Navy in the Poteryaikov seven-year school in Reshetilovka District, Poltave Province] U shkol'nykh radioliubitelei, rasskaz ob opyte raboty kruzhka radioliubitelei pervichnoi organizatsii DOSAAF Poteriaikovskoi semiletnei shkoly Reshetilovskogo raiona, Poltavskoi oblasti. Moskva, Izd-vo DOSAAF, 1959. 37 p. (V pomoshch' predsedateliu komiteta pervichnoi organizatsii DOSAAF)

EMINOV, E.A., ed. [Manual on the uses and consumption standards of lubricants] Spravochnik po primeneniiu i normam raskhoda smazochnykh materialov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 703 p.

EPSHTEIN, D.A. [Visual aids in the study of chemical industries in secondary schools, description of the aids and methods of using them] Nagliadnye posobie po khimicheskim proizvodstvam dlia srednei shkoly; opisanie posobii i metodika ikh ispol'zovaniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 106 p. (Politekhnicheskoe obuchenie v shkole)

EVSIOVICH, S.G. [Ore dressing in heavy suspensions] Obogashchenie rud v tiazhelykh suspenziiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 290 p.

FEDOROV, V. [Fifteen days in Geneva, the Second International Conference on Peaceful Uses of Atomic Energy, September 1958] 15 dnei v Zheneve; Vtoraia mezhdunarodnaia konferentsiia po mirnomu ispol'zovaniiu atomnoi energii, Sentiabr' 1958 g. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 76 p.

FEDOROV, V.I. [Construction of jet planes] Konstruktsiia reaktivnykh samoletov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 265 p.

FEDOROVA, N.V., ed. [Housekeeping and culinary art] Domovodstvo. Kulinariia; 350 poleznykh sovetov. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 278 p.

GEGESHIDZE, G.A. [Specialization and cooperation in the electrical equipment industry of Georgian S.S.R.] Spetsializatsiia i kooperirovanie v elektrotekhnicheskoi promyshlennosti Gruzinskoi SSR. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1959. 117 p.

GEMKE, R.G. [Faulty operation of electric machines] Neispravnosti elektricheskikh mashin. Izd. 5., perer. i dop. L.B. Rivlinym. Moskva, Gos. energ. izd-vo, 1960. 254 p.

GINZBURG, TS.G., and A.
wear resisting anti-cavit
vanie iznosoustoichivogo
Moskva, Gos. energ. izd-
skaia informatsiia)

GLUKHOV, V.I., A.T. KU
recording for motion-pic
teur motion-picture phot
niia fil'ma, iz opyta rabot
Gos. izd-vo "Iskusstvo,"
noliubitelia)

GOLDAEV, I.P., and othe
in working frozen ground
tov termicheskim sposob
tekhn. izd-vo lit-ry po go

GOLOVANENKO, S.L. [Sta
pokrytiia iz obrabotannyk
Birulia. Moskva, Nauch
mobil'nogo transporta i s
1959. 126 p (Obmen tekh
nykh khoziaistv)

GOLUBTSOV, V.A., and oth
chemist or power engine
vochnik khimika energeti
Gos. energ. izd-vo.
Vol. 1. Akol'zin, P.A
materials for g
terialy obshche
327 p.

GORBATOV, V.M., and G.
operation, and repair of
Montazh, ekspluatatsiia i
miasokombinatov. Moskv
730 p.

GOSUDARSTVENNYI INSTI
PROEKTIROVANIIU SOO
plan for radio rediffusion
output] Tipovoi proekt sta
uzla moshchnost'iu 5 kvt.
159 p.

GUSEV, A.N. [Introducing a
forging presses] Avtomati
povochnogo pressa. Mosk
izd-vo mashinostroit lit-

[HANDBOOK FOR THE ELEC
Spravochnaia knizhka elek
Gos. energ. izd-vo, 1960.

HLAMAZDA, A.D. [Gas indu
seven-year plan] Hazova p
semyrichtsi. Kyiv, Derzh
1959. 82 p.

IL'ENKO, V.G., and others.
Krivoy Rog Basin mines]
shakhtakh Krivbassa. Kiev
USSR, 1959. 133 p.

[INDUSTRIAL HYGIENE AND
THE ORGANIZATIONS AN
MERCE AND PUBLIC FOO
i tekhnika bezopasnosti v o
tiiakh torgovli i obshchestv
Gos. izd-vo torg. lit-ry, 19

[INVESTIGATION OF HEAT-
ALLOYS] Issledovanie zha
vov. Pod red. I L. Mirkina
tekhn. izd-vo lit-ry po cher
1960. 352 p.

IOFFE, E.F. [Power enginee
kii] Gor'kovskoe knizhnoe i
(Semiletka Gor'kovskoi obl

IVANOV, B.N., and others.
manufacture of electric ins
elektropriborostroeniia. M
1959. 590 p.

IVANOV, E.A. [Couplings of
Izd., perer. i dop. Moskva
izd-vo mashinostroit. lit-ry

IVANOV, S.A., and M.D. ME
economics] Ekonomika ugol
Moskva, Gos. nauchno-tekh
delu, 1960. 149 p.

IZIUMSKII, N.A., and A.S. LE
posium of rules and regulat
inspection] Sbornik pravil i
terialov po kotlonadzoru.
skva, Izd-vo M-va kommun.
621 p.

KALASHNIKOV, N. A., and N. L. FILIMONOVA. [Using combined stressed and reinforced concrete in building bridges] Primenenie kombinirovannogo napriazhenno-armirovannogo betona v mostakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 37 p.

KALININ, S. S. [Electric circuits of the VL23 electric locomotive without electric braking, supplement] Elektricheskie skhemy elektrovoza VL23 bez elektricheskogo tormozheniia; prilozhenie. [Moskva] Transzheldorizdat, 1960. 87 p.

KARBELASHVILI, G. E. [Automatic control. Avtomatika. Tbilisi, Gos izd-vo "Sabchota Sakartvelo"] 1959. 142 p [In Georgian.]

KARNIK, A. SH. [Mystery of "Kashmir Princess." Translated from the English] Taina "Printsessy Kashmira," [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 60 p.

KARPOV, L. D. [Method of calculating norms for unfinished production in machinery manufacturing plants] Metodika rascheta normativov nezavershennogo proizvodstva, dlia mashinostroitel'nykh zavodov. Moskva, Gosplanizdat, 1959. 127 p.

KAS'IANOV, A. M. [Urban development in the Ukraine during the seven-year plan] Gradostroitel'stvo Ukrainy v semiletke. Kiev, 1960. 33 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR. Ser. 7, no. 5)

KAZEI, I. I. [Dynamic analysis of railroad bridge span structures] Dinamicheskii raschet proletnykh stroenii zheleznodorozhnykh mostov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 467 p.

KHAN, B. KH. [Technical progress in ferrous metallurgy of the Ukrainian SSR in 1959-1965] Tekhnichnyi progres v chornii metalurgii SRSR v 1959-1965 rr. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 3)

KHMEL'NITSKII, E. A. [Diversity reception and its evaluation] Raznesennyi priem i otsenka ego effektivnosti. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 49 p. (Lektsii po tekhnike sviazi)

KIRILLOVA, A. G. [Modern painting methods] Sovremennye metody maliarnykh rabot. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 81 p. (Novaia tekhnika i peredovye metody truda)

KLUSHANTSEV, P. [Toward other planets] K drugim planetam. [Leningrad] Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 60 p. (chiefly illus.)

KOLOMEETS, A. V. [Manual for building inspectors] Spravochnik smotritelia zdanii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 361 p.

KONDRAT'EV, S. F., and T. A. SADOVNIKOVA. [Protecting wood against decaying fungi and beetles] Zashchita drevesiny ot gnieniia i razrusheniia zhukami. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 107 p.

——— [Tables for visual determination of defects in wood] Tablitsy dlia vizual'nogo opredeleniia porokov drevesiny. 16 plates.

KONEV, B. F., and others. [Automobile carburetor engines; characteristics and methods for their determination] Avtomobil'nye karbiuratornye dvigateli; kharakteristiki i metody ikh opredeleniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 229 p.

KONFERENTSIIA PO FIZIKO-KHIMICHESKIM OSNOVAM PROIZVODSTVA STALI, 4th. [Physicochemical principles of steelmaking, transactions of the 4th Conference on Physicochemical Principles of Steelmaking] Fiziko-khimicheskie osnovy proizvodstva stali; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 419 p.

KOROVAIKOV, A. A., and A. I. KOROTIN. [Elimination of idle time in the operation of rediffusion stations] Likvidatsiia prostoev radiouzlov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 13 p. (Opyt peredovykh sviazistov)

KOSHKIN, L. N. [Automatic lines of rotating machine tools] Avtomaticheskie rotornye linii. Moskva, Izd-vo, "Znanie," 1960. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Nauka i tekhnika, no. 9)

KOSTETSKII, B. I. [Wear resistance of machine parts] Soprotivlenie iznashivaniiu detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 478 p.

KOVALENKO, I. G. [Essays on vocational training in foreign socialist countries] Ocherki o professional'nom obrazovanii v zarubezhnykh sotsialisticheskikh stranakh. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 174 p.

KOZHINOV, V. F. [Theory of the free submersion of pipelines and its use in constructing subaqueous crossings] Teoriia svobodnogo pogruzheniia truboprovoda i ee primenenie v praktike ustroistva podvodnykh perekhodov, nauchnoe soobshchenie. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 53 p.

KRASNYKH, G. B., and V. G. KONIAEV. [Mechanized removal of snow at a major terminal; work practices used at the Sverdlovsk Sortirovochnyy Terminal and its track section] Mekhanizirovannaia uborka snega na krupnom uzle; iz opyta raboty uzla i distantsii puti Sverdlovsk-Sortirovochnyi. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 54 p.
[MICROFILM]

KRAVTSOV, A. F., and B. G. ALEKSEEV. [Control and automatization of metallurgical processes, laboratory work] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov; laboratornyi praktikum. Kiev, Gos. izd-vo tekhn. lit-ry USSR.
Pt. 1. [Control and measuring apparatus] Kontrol'no-izmeritel'nye pribory. 1959. 201 p.

KUGUSHEV, A. M. [Radio electronics] Radioelektronika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 59 p.

KUIUN, O. I., and V. D. HAVRYLOV. [Manufacture of machines in the Ukraine and the role of members of the Academy of Sciences of the Ukrainian S. S. R. in its development] Mashynobuduvannia Ukrainy i vnesok uchenykh Akademii nauk URSR u ioho rozvytok. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 43 p.

KUKTA, H. M., ed. [New agricultural machines] Novi sil's'kohospodars'ki mashyni. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 231 p.

KUTSIN, E. A. [Maintenance of fuel equipment of diesel tractors] Ukhod za toplivnoi apparaturoi dizel'nykh traktorov. Izd. 2, ispr. i dop. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959 104 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)

KUZ'MINA, R. P. [Lighter than cork, stronger than metal, plastic materials and their uses] Legche probki, prochnee metalla; plastmassy i ikh primenenie. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 3)

LEBEDEV, L. N., and V. T. PAVLENKO. [Using rammed earth in building] Stroitel'stvo zdanii iz zemli. Leningrad, 1959. 38 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 5-6)

LENINGRAD. PROEKTNYI INSTITUT "LENPROEKT." [Temporary technical specifications for large reinforced concrete hollow ceiling panels (TU 9/58) Temporary instruction on using large reinforced concrete hollow panels for precast ceilings (I 9/58)] Vremennye tekhnicheskie usloviia na krupnorazmernye zhelezobetonnye pustotelye paneli dlia perekrytii (TU 9/58) Vremennaia instruktsiia po primeneniiu krupnorazmernykh zhelezobetonnykh pustotelykh panelei dlia sbornykh perekrytii (I 9/58). Leningrad, Proektnyi kabinet In-ta "Lenproekt," 1958. 25 p.

LENINGRAD. Sovet narodnogo khoziaistva. [Building materials and construction; collection of technical instructions] Stroimaterialy i stroitel'stvo; informatsionno-tekhnicheskii sbornik. Leningrad, TSentral'noe biuro tekhn. informatsii, 1959. 60 p.

LEVIN, S. L. [New designs of lightweight precast block foundations] Novye konstruktsii sbornykh fundamentov iz oblegchennykh blokov. Leningrad, 1959. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 15)

LEVINSON, V. N. [Construction and adjustment of shoe machinery] Ustroistvo i naladka obuvnykh mashin. Izd. 2., perer., i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 346 p.

LIIK, R. V., and E. M. ROITENBERG. [ATS-54 automatic ten-step telephone exchange] Avtomaticheskaia telefonnaia stantsiia dekadno-shagovoi sistemy ATS-54. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 112 p.

LIPATOV, N. A. [The workers participate in industrial management] Rabochie uchastvuiut v upravlenii proizvodstvom. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 75 p.

LITVIN, O. B. [Present-day prod
bers abroad] Sovremennoe pro
kauchukov za rubezhom. Mosk
cheskaia promyshlennost')

MAKASHEV, A. P. [Methods of p
of refrigerated fish] Sposoby
khraneniia okhlazhdennoi ryby
nauchn. i tekhn. informatsii, 1
promyshlennost')

MAKIENKO, N. I., and others. [
fundamentals of the study of m
s osnovami materialovedeniia
izd-vo sel'khoz. lit-ry, 1959,

MAMLEEV, A. I., and I. R. SHU
motor truck] Avtomobil' ZIS-1
vo M-va Vooruzhennykh Sil SS

MANOVTSEV, A. P., and G. I. RA
of remote checking and control
mitting information, orders, a
teleupravleniia i telekontrolia;
obshchenii, shifratory i deshif
Moskva, Gos. energ. izd-vo, 1

MATVEEV, G. V. [Using blasting
clays] Rykhlenie glin vzryvnym
1960. 22 p. (Leningradskii dom
skoi propagandy. Obmen pered
Stroitel'naia promyshlennost',

MATVEEV, V. V., and A. A. NAU
automatic press for the vulcani
Press-poluavtomat MPS dlia vu
detalei. Moskva, Gos. nauchno-t
legkoi promyshl., 1959. 104 p.
noe oborudovanie)

MAZEPA, B. A. [Automation of o
Opyt avtomatizatsii dobychi nef
nauchno-tekhn. izd-vo neft. i gor
1960 67 p. (Obmen peredovym

MEDVEDKO, A. I. [Mechanism of
impact boring; second lecture]
niia gornykh porod pri udarnom
Moskva, Vses. zaochnyi politek

[METALLURGISTS ARE FIGHTING
PROGRESS] Metallurgi v bor'be
progress. [Moskva] Izd-vo VT
52 p.

MIKHAILENKO, A. IA., and V. V.
naces for nonferrous metallurgy
metallurgii. Izd. 2., ispr. i dop.
nauchno-tekhn. izd-vo lit-ry po
metallurgii, 1959. 464 p.

MIKHEEV, A. P., IA. V. SHUKSTAI
DMITRIEV. [Effectiveness of el
traction in railroad transportati
elektricheskoi i teplovoznoi tiagi
nom transporte. Moskva, Gosp

MINSKER, E. G. [Assembly of sma
oil transformers] Sborka maslia
maloi i srednei moshchnosti. M
izd-vo, 1959. 133 p. (Transform

MOROZOVA, E. N. [Technical-info
liographical centers in the U. S.
cations, a report read at the Len
Scientific and Technical Propaga
for workers providing technical
Informatsionnye i bibliografiche
izdavaemye imi materialy; steno
prochitannogo v LDNTP na zania
rabotnikov sluzhb tekhnicheskoi
grad, 1959. 22 p. (Leningradskii
tekhnicheskoi propagandy. Seriia
nauchno-tekhnicheskoi informats

MOSCOW. AVTOMOBIL'NO-DORO
[Technical and economic questio
stock in automotive transportatio
cheskie voprosy ispol'zovaniia p
avtomobil'nogo transporta. Mosk
cheskoe izd-vo, avtotransp. lit-r
(DBC)

MOSCOW. MOSKOVSKII INSTITUT
NODOROZHNOGO TRANSPORTA
planning and operating railroads]
niia i ekspluatatsii zheleznykh do
transp. zhel-dor. izd-vo, 1959. 2
(DBC)

MOSCOW NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Checking the alignement of front wheel with complete set of garage equipment] Proverka ustanovki perednikh koles avtomobilei s pomoshch'iu komplekta priborov GARO. Izd. 2 , ispr. i dop Moskva, Avtotransizdat, 1959. 19 p.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. [Interchangeability and mensuration in the manufacture of machines] Vzaimozameniaemost' i tekhnika izmerenii v mashinostroenii. Pod red. A. I. IAkusheva Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1959. 232 p. (Mezhvuzovskii sbornik, no. 1)

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII ENERGETIKI LESNOI PROMYSHLENNOSTI. [Summary of the technical characteristics of new lumbering machinery and equipment from the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry] Kratkie tekhnicheskie kharakteristiki novykh lesozagotovitel'nykh mashin i oborudovaniia konstruktsii TSNIME. [Moskva] 1958. 120 p.
(CtY)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ELEKTRIFAKTSII SEL'SKOGO KHOZIAISTVA. [Basic rules pertaining to the volume of remote control to be installed in rural electric power stations and substations] Osnovnye polozheniia po ob''emu telemekhanizatsii sel'skikh elektricheskikh stantsii i podstantsii. Moskva, Otdel tekh. informatsii, 1958. 16 p.

MOSKALEV, A.G. [Automatic regulation of the operating conditions of a power system according to frequency and active power] Avtomaticheskoe regulirovanie rezhima energeticheskoi sistemy po chastote i aktivnoi moshchnosti Moskva, Gos. energ izd-vo, 1960. 239 p

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [Collected annotations of efficiency suggestions and technological innovations in the manufacture of machines] Sbornik annotatsii ratsionalizatorskikh predlozhenii i tekhnicheskikh usovershenstvovanii v mashinostroenii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR.
No. 3. 1958. 113 p.

MOSKOVSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [High-duty industrial equipment] Vysokoproizvoditel'naia tekhnologicheskaia osnastka. Pod red. V. V. Kuz'mina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 174 p.

MUKHIN, E. IA., and N. G. GUTKINA. [Glass crystallization and methods of preventing it] Kristallizatsiia stekol i metody ee preduprezhdeniia. Pod red. K.S. Evstrop'eva. Moskva, Gos. izd-vo obor. promyshl., 1960. 125 p.

NAIMARK, I. I. [Housing construction, handbook for people building their own houses] Individual'noe zhilishchnoe stroitel'stvo; posobie dlia zastroishchikov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR. 1959. 269 p.

NAUMKIN, I. F. [Safety engineering in coal mines] Tekhnika bezopasnosti vugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 373 p.

NEDIN, V. V., and SH. I. IBRAEV. [Boring and blasting operations] Burovzryvnye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 356 p.

NEPOROZHNII, P. S., and A L. FILAKHTOV. [Experience in building hydroelectric power units] Opyt stroitel'stva gidroenergouzlov. Kiev, Izd-vo Akad. nauk USSR, 1960. 349 p.

[NEW 12-CHANNEL HIGH-FREQUENCY TELEPHONE EQUIPMENT USING V-12-2 OVERHEAD COMMUNICATION LINES] Novaia 12-kanal'naia apparatura vch telefonirovaniia po vozdushnym liniiam sviazi tipa V-12-2. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 140 p. (Tekhnika sviazi)

NIKOL'SKII, G. G., and A. P. POZHNIN. [Vermiculite and its use in construction] Vermikulit i ego primenenie v stroitel'stve. Leningrad, 1959. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia, Stroitel'naia promyshlennost', vyp. 13)

NOSKOVA, G. L , and G. IU. PEK [Microbial food spoilage of perishable food products in storage, a scientific report] Mikrobial'naia porcha skoroportiashchikhsia pishchevykh produktov pri khranenii, nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1959. 62 p.

OBRAZTSOV, I. F. [Stability analysis of wing-type shell structures] Metody rascheta na prochnost' kessonnykh konstruktsii tipa kryla. Moskva, Gos. izd-vo obor. promyshl., 1960. 311 p.

[OIL FIELD EQUIPMENT, in six volumes] Neftianoe oborudovanie; v shesti tomakh. Moskva, Gos. nauchno tekhn. izd-vo neft. i gorno-toplivnoi lit-ry
Vol. 3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti 1960. 183 p.

ONUSAITIS, B. A. [Formation and structure of coal coke] Obrazovanie i struktura kamenno-ugol'nogo koksa Moskva, Izd-vo Akad. nauk SSSR, 1960. 419 p.

ORAZYMBETOV, N. O., V. V MAKHONIN, and N. L. LUKMANOV. [Handbook on local building materials and their use] Spravochnik po mestnym stroitel'nym materialam i ikh primenenie. Pod red F. Kh Takezhanova. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 510 p.

ORLOV, V. N., and A. S CHUDOV. [Calculation and analysis of railroad transportation costs] Kal'kuliatsiia i analiz sebestoimosti zheleznodorozhnykh perevozok. Izd. 3 , perer Moskva, Vses Izdatel'sko-poligr ob''edinenie M-va putei soobshcheniia, 1960. 314 p.

OSIPOV, K. D., and V. V. PASYNKOV. [Hadnbook on devices for radio measurements] Spravochnik po radioizmeritel'nym priboram. Pod red. G. A. Remeza Moskva, Izd-vo "Sovetskoe radio,"
Pt. 3. [Instruments for measuring the form of oscillations] Pribory dlia izmereniia formy kolebanii. 1959. 170 p.

[OVER-ALL MECHANIZATION AND AUTOMATION OF PRODUCTION; practices of factories under the Penza Economic Council] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva, iz opyta zavodov Penzenskogo sovnarkhoza. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 230 p.

PATON, B. E., ed. [Electric slag welding] Elektroshlakovaia svarka. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 409 p.

PAULOUSKI, A. A. [Using hydraulic machinery in the drainage of White Russian swamps] Gidramekhanizatsyia na asushal'nykh rabotakh u BSSR. Minsk, 1959 23 p. (Tavarystva pa raspausiudzhvanniu palitychnykh i navukovykh vedau Belaruskai SSR. Seryia pryrodaznauchanavukovaia, no 14)

PAVLOV, A. P. [Wooden construction elements and structures] Derevliannye konstruktsii i sooruzheniia. Izd. 2., perer. Moskva, Goslesbumizdat, 1959. 444 p.

PEVZNER, S. Z. [Frunze - Osh highway] Avtomagistral' Frunze - Osh. Frunze, Kirgizskoe gos. izd-vo, 1959. 32 p.

PISKORSKII, G. A., and A. N. RABINOVICH. [Instruments for checking cylindrical threads] Pribory dlia kontrolia tsilindricheskikh rez'b. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 117 p.

PLAKSIN, I. N., and others. [Atlas of the industrial equipment of ore dressing plants] Atlas tekhnologicheskogo oborudovaniia obogatitel'nykh fabrik. Pod obshchei red. I. N. Plaksina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 234 p.

PLIUHACHOV, V. K. [Problems in the efficient supplying of electricity to rural areas] Pytannia ratsional'noho elektropostachannia sil's'kykh raionov. [Kharkiv] Kharkivs'ke knizhkove vyd-vo, 1959. 91 p.

POIARKOV, M. P., and T. M. POIARKOVA. [Rural electric power stations and substations] Sel'skie elektricheskie stantsii i podstantsii. Izd. 2, Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 351 p.

POKROVSKII, G. I. [Blasting and its use] Vzryv i ego primenenie. Moskva. Voen. izd-vo M-va obor. SSSR, 1960. 65 p.

POLIAKOV, N [illegible]
ROVA [illegible]
Sbornik [illegible]
porto Izd. [illegible]
1959. 256 p

PORPLITS, [illegible]
power [illegible]
sistemy, [illegible]
inzhenerov [illegible]

PORTSANKO, [illegible]
cal [illegible]
s''emke. M [illegible]

POSTEL'NIKOV [illegible]
uniformity [illegible]
[illegible]
Moskva, [illegible]

PRECHISTEN [illegible]
a centrifug [illegible]
vanie [illegible]
pyleotdelitel [illegible]
zovaniia [illegible]
1960. 143 p

PUGACHEV, A [illegible]
mechanical [illegible]
chorchenie [illegible]
stroit. prom [illegible]

RABINOVICH, [illegible]
tems] Stroit [illegible]
Moskva, [illegible]

RABOTIN, A. N. [illegible]
vanie [illegible]
Izd. 2. Mo [illegible]
stroit. lit [illegible]
biblioteka [illegible]

RAKOV, A. V. [illegible]
blocks; prac [illegible]
Zhilye doma [illegible]
v g. Lening [illegible]
nauchno-tekhn [illegible]
opytom. [illegible]
vyp. 4)
Pt. 2. 1959.

RAKOVSKII, V [illegible]
Tverdoe topli [illegible]
Ob-vo po [illegible]
RSFSR, 1959 [illegible]

RESPUBLIKAN [illegible]
MEDITSINSK [illegible]
SILIKOZOM [illegible]
Republic Med [illegible]
cosis Control] [illegible]
nauk Kazakh [illegible]

RODICHEV, B. D. [illegible]
processing of [illegible]
obrabotke [illegible]
vo lit-ry po [illegible]

ROMANCHENKO, [illegible]
of mine [illegible]
rudnichnykh [illegible]
stvo. Moskva, [illegible]
gornomu delu, [illegible]

ROSSINSKII, E. F. [illegible]
mineral wool [illegible]
industry] Legk [illegible]
naia vata iz shl [illegible]
Moskva, TS [illegible]
1959. 41 p.

ROSTOV ON THE [illegible]
NAIA BIBLIO [illegible]
education in the [illegible]
technicheskom [illegible]
kratkii ukazatel [illegible]
81 p.

ROZANOV, I. G., [illegible]
in the fourth [illegible]
tom klasse. P [illegible]
perer. Moskva, [illegible]
prosv. RSFSR, [illegible]

ROZEN, B. IA. [illegible]
[Arkhangel'sk] [illegible]
133 p.

ROZHANSKII, L. [illegible]
converters] [illegible]
zovateli [illegible]
94 p. (Bibliotek [illegible]

RUBINSHTEIN, IA. M., and A. V. SHCHEGLIAEV, eds. [Improving the construction and operation of turbine installations] Usovershenstvovanie konstruktsii i ekspluatatsiia turbinnykh ustanovok. Moskva, Gos. energ. izd-vo, 1959. 300 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie po montazhu tekhnologicheskogo oborudovaniia i proizvodstvu montazhnykh rabot. [Anticorrosive coatings for construction elements and apparatus; handbook] Antikorrozionnye pokrytiia stroitel'nykh konstruktsii i apparatury, spravochnoe posobie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 208 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Instructions pertaining to dry sealing of power cables with paper insulation] Instruktsiia po sukhoi zadelke kontsov silovykh kabelei s bumazhnoi izoliatsiei VI 33-59/MPS RSFSR. Moskva, Gos. energ. izd-vo, 1959. 30 p.

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie tramvaev i trolleibusov. [Safety regulations for urban electric transportation systems] Pravila tekhniki bezopasnosti na gorodskom elektrotransporte. Moskva, Izd-vo M-va kommun. khoz. RSFSR.
Section 2. [Streetcars and trolley buses, lines, and repair shops] Podvizhnoi sostav tramvaia i trolleibusa, depo, remontnye masterskie. 1959. 121 p.
Section 3. [Traction substations] Tiagovye podstantsii. 1959. 110 p.
Section 7. [Organization of streetcar and trolley bus traffic] Organizatsiia dvizheniia tramvaia i trolleibusa. 1959. 15 p.

RUSSIA (1917- R.S.F.S.R.) Komitet po delam stroitel'stva. [Standards and technical specifications for designing natural foundations for buildings and industrial structures] Normy i tekhnicheskie usloviia proektirovaniia estestvennykh osnovanii zdanii i promyshlennykh sooruzhenii (NiTU 127-55). Moskva, 1955. 47 p.
(MH)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khoziaistva. [Program for training gas meter readers in urban gas supply systems] Programma podgotovki kontrolerov po uchetu raskhoda gaza v gorodskom gazovom khoziaistve. Moskva, 1959. 8 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie po [illegible]. [A reference manual for workers employed [illegible] products, and [illegible]] [illegible] spravochnik [illegible]. Moskva, [illegible], 1959. 40 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Materials of the State Committee on Resources on prospecting methods, evaluation and calculation of mineral deposits; collected articles] Materialy GKZ po metodike razvedki, promyshlennoi otsenke i podschetu zapasov mestorozhdenii poleznykh iskopaemykh; sbornik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
No. 1. 1959. 154 p.
[MICROFILM]

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Changes and additions to be introduced in "Unified standards and estimates for building and assembling operations" (ENiR) published in 1955-1958 for building and assembling operations] Sbornik izmenenii i dopolnenii, podlezhashchikh vneseniiu v "Edinye normy i rastsenki na stroitel'nye i montazhnye raboty" (ENiR) izdaniia 1955-1958 gg. dlia stroitel'nykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 4. 1959. 73 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Cost manual for the assembling of equipment] Tsennik na montazh oborudovaniia. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 11. [Instruments and apparatus for automatic checking, regulating, and control] Pribory i apparatura avtomaticheskogo kontrolia, regulirovaniia i upravleniia. 1959. 71 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Chemical industry of the U.S.S.R.] Khimicheskaia promyshlennost' SSSR. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 452 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo [illegible]. Tsentral'noe biuro tekhnicheskoi informatsii. [Technical characteristics of machines and mechanisms used in lumbering] Tekhnicheskaia kharakteristika mashin i mekhanizmov na lesozagotovkakh. [Moskva] 1956. 294 p.
(CtY)

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. [Safety rules in the construction and use of communication structures and equipment] Pravila tekhniki bezopasnosti pri ekspluatatsii i stroitel'stve sooruzhenii i ustroistv sviazi. Moskva, Gos. energ. izd-vo, 1959. 103 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo torgovli. [Manual on technological advice and technical specifications for semiprocessed products and dishes of meat, poultry, fish, potatoes, and vegetables] Sbornik tekhnologicheskikh instruktsii i tekhnicheskikh uslovii na polufabrikaty i kulinarnye izdeliia iz miasa, ptitsy, ryby, kartofelia i ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1959. 101 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo ugol'noi promyshlennosti. [Handbook with nomenclature and prices for materials and equipment used in the coal industry] Nomenklaturnyi spravochnik i tseny na materialy i oborudovanie, primeniaemye v ugol'noi promyshlennosti. Moskva.
Group 3. [Nonferrous metals] TSvetnye metally. 1950. 479 p.
[MICROFILM]

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ferrous metal types and standards; rolled shapes and gaged steel] Sortament chernykh metallov, prokat i kalibrovannaia stal'. Izd. ofitsial'noe. Moskva, 1950. 463 p.
[MICROFILM]

RÜSSING, RICHARD. [Automobile handbook] Avtomobil'nyi spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 1. Pod obshchei red. A. N. Ostrovtseva. 1959. 700 p.
Vol. 2. Pod obshchei red. A. A. Lipgarta. 1959. 672 p.

RÜSTEMZADE, P. D. [Electric power stations and substations] Elektrik stansiialary va iarymstansiialary. Baky, Azerbaijan dovlet neft va elmi-tekhniki adabiiiat neshriiiaty. (In Azerbaijani.)
Pt. 1. 1958. 661 p.

RYBINSKII, D. A., and A. A. MALYSHEV. [Nonwire fixed resistors] Postoiannye neprovolochnye soprotivleniia. Moskva, Gos. energ. izd-vo, 1959. 101 p.

[illegible], F. O., and I. O. [illegible]. [Operation of units for dewatering fuel oils and fuel oil residues] Opyt ekspluatatsii ustanovki po obezvozhivaniiu mazutov i mazutnykh ostatkov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 37 p. (Obmen proizvodstvennym tekhnicheskim opytom)

SANDAKOV, M. V. [Tables for selecting drive gears] Tablitsy dlia podbora shesteren. Izd. 4., dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 570 p.

SAPOZHNIKOV, Z. V. [Acrobatic flying in a glider] Figurnye polety na planere. Moskva, Izd-vo DOSAAF, 1959. 61 p.

SATPAEVA, T. A. [Genetic characteristics of deposits of the copper sandstone type in connection with the mineralogical composition of their ores] Geneticheskie osobennosti mestorozhdenii tipa mediistykh peschanikov v sviazi s mineralogicheskim sostavom ikh rud. Otv. red. I. I. Bok. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 240 p.

SEMENOV, I. A. [Stove heating] Pechnoe otoplenie. Izd. 2., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 104 p.

SEREBRENNIKOV, IU. N. [Machine parts] Detali mashin. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 312 p.

SERGIN, I. N., V. I. ANDREEV, and F. M. IVANOV. [Injection into channels with stressed reinforcements] In"ektirovanie kanalov s napriazhennoi armaturoi. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog, 1960. 27 p.

SERENSEN, S. V., ed. [Endurance test of machine parts; collected articles] Ispytaniia detalei mashin na prochnost'; sbornik statei. Po materialam Komiteta prochnosti NTO Mashprom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 316 p.

SHAGIN, P. P. [Static design of framed panel residential and public buildings] Staticheskii raschet stal'nykh karkasno-panel'nykh zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 174 p.

SHAPIRO, A. D. [Production of wood fiber blocks and particle boards] Proizvodstvo stroitel'nykh plit iz volokna i drevesnykh chastits. Moskva, Goslesbumizdat, 1959. 57 p.

SHAPIRO, I. E., and E. G. FROLOVA. [Glass pi production and use] Steklannye truby, proizv primenenie. Moskva, Gos. izd-vo lit-ry po st arkhit. i stroit. materialam, 1960. 168 p.

SHASHKIN, A. S. [Hydraulic systems of modern machines] Gidrosistemy sovremennykh mashi [illegible] Vses. uchebno-ped. izd-vo Trudrez 1959. 81 p.

SHASHURIN, S. L. [Open-cut placer mining; aid for qualification improvement of workers] Razrabotka rossypei otkrytym sposobom; posobie dlia pov kvalifikatsii rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 209 p.

SHATSOV, N. I. [Division of layers in oil and ga constructing, testing, and cementing wells] Razobshchenie plastov v neftianykh i gazovykh skv konstruktsii, kreplenie i tsementirovanie skva Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 288 p.

SHCHEKIN, R. V., and others. [Reference book on heating and ventilation in residential and public bu construction] Spravochnik po teplosnabzheniiu i ventiliatsii v grazhdanskom stroitel'stve. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 640

SHEVCHENKO, IA. O. [Development of electric in the Ukraine] Rozvytok elektroenergetyky U RSR. Kyiv, Akad. nauk URSR, In-t ekonomiky, 37 p.
(MH)

SHIRKOVSKII, A. I. [Underground gas storage, practice, and economics] Podzemnoe khranenie gazov, voprosy teorii, praktiki i ekonomiki. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 79 p.

SHTAGER, V. V. [Chebyshev approximations in calculations of electric circuits] Chebyshevskie priblizheniia, primeniaemye v raschetakh elektricheskikh skhem. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 76 p. ([illegible])

SHTURMAN, A. A. [Uses of plastics in the manufacture of machine tools] Plastmassy v instrumental'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 80 p.

SHUMKIN, N. IA. [Purification of water in Kirgh] Ochistka vody v Kirgizii. Frunze, Kirgizskoe izd-vo, 1959. 59 p.

SILKIN, P. V. [Methods for extracting and stor in winter] Zimnie sposoby dobychi i khraneniia Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i materialam, 1960. 174 p.

SKOROKHODINSKII, V. F. [Manual for a winch and a seaman on board a dredge] Posobie lebedchiku i matrosu zemsnariada. Moskva, Izd-vo "Rechnoi transport," 1960. 171 p.

SKOROVAROV, M. A. [Machines for cleaning grain and their operation] Mashiny dlia ochistki zerna i ikh ekspluatatsiia. Pod red. A. IA. Sobolova. M Izd-vo tekhn. i ekon. lit-ry po voprosam mukom krupianoi, kombikormovoi promyshl. i elevator skladskogo khoz., 1959. 138 p.

SKVORTSOV, N. F. [Masonry work and assembly large block and large panel buildings] Kamennye raboty i montazh krupnoblochnykh i krupnopanel'nykh zdanii. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 430 p.

SOBOL', M. O., and M. P. BARABASHOV. [B in the service of our people] [illegible] sluzhbi narodu. [Kharkiv] Kharkivs'ke knyzh. vyd-vo, 1959. 35 p.

SOKOLOVA, L. A., and L. V. MEN'SHIKOVA. [U tion of the waste products of tree felling] Isp'ol'zovanie lesosechnykh otkhodov. [Arkhangel's Arkhangel'skoe knizhnoe izd-vo, 1959. 55 p.

SOSNOV, V. D. [In open pit coal mines] Na ugol' kar'erakh. [Moskva] Izd-vo VTsSPS, Profizdat, 121 p.

STARNIKOV, V. N., and V. IA. LIVSHITS. [Antis ing wood in construction] Antiseptirovanie dre stroitel'stve. Leningrad, Gos. izd-vo lit-ry po arkhit. i stroit. materialam, 1960. 103 p.

ST[illegible], IU. A. [Electric slag welding] E shlakovaia svarka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 81 p. (Bibliotek svarshchika)

A 16-17

SUSLOV, N. N., and I. N LEVITSKII [Equipment assembly and repair in enterprises for the primary processing of bast fibers] Montazh i remont oborudovaniia zavodov pervichnoi obrabotki lubianykh volokon Moskva, Gos. nauchno-tekhn izd-vo lit-ry po legkoi promyshl., 1959, 287 p.

SYTINA, N. V [Automatic control in the testing of electronic radio equipment, brief survey of foreign literature] Avtomatizatsiia ispytanii radioelektronnogo oborudovaniia, kratkii obzor zarubezhnoi pechati. Moskva, Izd-vo "Sovetskoe radio," 1959 93 p. (Radioelektronika za rubezhom)

TANATAR, I I [Principles of the theory of ore deposits] Osnovy ucheniia o rudnykh mestorozhdeniiakh Khar'kov, Izd-vo Khar'kovskogo gos. univ im. A. M Gor'kogo, 1959 291 p.

TEPLOV, G V. [Planning at machinery plants] Planirovanie na mashinostroitel'nykh zavodakh. Izd. 3., perer. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960 480 p.

TILLES, S A. [Economic efficiency of the use of special and multipurpose attachments with interchangeable parts in the machinery industry] Ekonomicheskaia effektivnost' primeneniia spetsial'nykh i universal'no-sbornykh prisposoblenii v mashinostroenii Moskva, 1959, 63 p (Moskovskii dom nauchno-tekhnicheskoi propagandy Peredovoi opyt proizvodstva. Seriia "Ekonomika i organizatsiia proizvodstva," no. 5)

TKACHENKO, K. [Alamedinka cascade] Alamedinskii kaskad. Frunze, Kirgizskoe gos. izd-vo, 1959, 56 p.

TRUPAK, N. G., ed [Handbook on special methods of shaft sinking] Spravochnik po prokhodke stvolov shakht spetsial'nymi sposobami. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po gornomu delu, 1960 383 p.

TSENTRAL'NAIA NAUCHNO-TEKHNICHESKAIA BIBLIOTEKA. [Internal potentials in machinery plants, index of literature] Vnutrennie rezervy na mashinostroitel'nom predpriiatii, ukazatel' literatury. Leningrad, TSentral'noe biuro tekhn. informatsii, 1959. 47 p.

TSENTRAL'NAIA NORMATIVNO-ISSLEDOVATEL'SKAIA STANTSIIA PO STROITEL'STVU TURBOPROVODOV. [Work experience of builders and assemblers of the Shkapovo – Ishimbay – Magnitogorsk gas pipeline] Opyt stroitelei i montazhnikov gazoprovoda Shkapovo – Ishimbai – Magnitogorsk. Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 111 p.

TURCHUK, A A., and others [ZIF-650 A. boring machine unit] Burovoi agregat ZIF-650 A. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po geologii i okhrane nedr, 1959. 133 p

USHAKOV, N. S. [Electrically driven bridge cranes] Mostovye elektricheskie krany. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 150 p.

USAKOVSKII, V. M. [Using new materials and designs of pipes during the current seven-year plan] Primenenie novykh materialov i konstruktsii truboprovodov v tekushchei semiletke; lektsiia dlia studentov VZIITa V-VI kursov vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transp., 1959 19 p

VAGANOV, V. V., V. E. SAFONOV, and G. P. MIRONOV. [Manual for workers in the exportation of lumber] Posobie dlia rabotnikov po eksportu lesomaterialov. Moskva, Goslesbumizdat, 1960. 203 p.

VAINSHTEIN, L. A., and V. D. ZUBAKOV. [Detection of signals from random interference] Vydelenie signalov na fone sluchainykh pomekh. Moskva, Izd-vo "Sovetskoe radio," 1960. 446 p.

VAISBERG, I. E. [Sole leather manufacture] Proizvodstvo kozhi dlia niza obuvi. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po legkoi promyshl., 1959, 192 p.

VASIL'EV, M. V. [Machines present and future] O mashinakh, kotorye est i kotorye budut. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 181 p.

VERIZHNIKOV, S. M. [Leningrad housing construction combines] Leningradskie domostroitel'nye kombinaty. [Leningrad] Gosstroizdat, 1959. 148 p.

[MICROFILM]

VLASOV, V. Z., and N. N. LEONT'EV. [Elastically supported beams, plates and shells] Balki, plity i obolochki na uprugom osnovanii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 491 p.

VOLODARSKII, V. [Economic effectiveness of the mechanization and automation of production] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii proizvodstva Frunze, Kirgizskoe gos izd-vo, 1958. 61 p.

VOLODENKOV, F. I. [Mechanization of operations in riverside storage areas] Mekhanizatsiia rabot na prirechnykh skladakh. Moskva, Goslesbumizdat, 1958. 50 p. (Obmen peredovym opytom)

VOROB'EV, N. I. [Safety engineering in assembling pipelines] Tekhnika bezopasnosti pri montazhe truboprovodov. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 174 p.

VYSOTSKII, F. F., and A. E. KHARYBIN. [Radar installations] Radiolokatsionnye ustroistva. Moskva, Gos. izd-vo obor. promyshl. Moskva, Gos. izd-vo obor. promyshl.

Pt. 1. [Basic questions of design] Osnovnye voprosy proektirovaniia. 1960. 160 p.

[WHITE PIGMENTS FOR PAPER COATING] Pigmenty dlia melovaniia bumagi. Moskva, Goslesbumizdat, 1959 107 p.

WHITE RUSSIA. Ministerstvo stroitel'stva. [Suggestions for greater efficiency made by White Russian builders] Ratsionalizatorskie predlozheniia stroitelei Belorussii Minsk, Gos. izd-vo BSSR, 1959. 142 p.

[WORK OF MECHANICAL ENGINEERS IN PENZA FOR THE CHEMICAL INDUSTRIES] Penzenskie mashinostroiteli - khimicheskoi promyshlennosti. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 68 p.

ZAITSEV, V. S. [On the initiative of Valentina Gaganova] Po pochinu Valentiny Gaganovoi. [Leningrad] Lenizdat, 1959. 27 p.

ZAKRZHEVSKII, E R. [Windmills for the mechanization of stock farms] Vetrodvigateli dlia mekhanizatsii zhivotnovodcheskikh ferm. Minsk, Gos izd-vo BSSR, Red sel'khoz. lit-ry, 1959. 195 p.

ZEINALOV, B. K. [Kinetics and mechanism of oxidation of the paraffinic distillated and practical uses of the oxidation products] Kinetika i khimizm okisleniia parafinistogo distilliata i ispol'zovanie produktov okisleniia v praktike. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 253 p.

ZHUKOVSKII, M. I. [Calculating the flow about cascades of profiles of turbomachines] Raschet obtekaniia reshetok profilei turbomashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 259 p.

ZIMENKO, V., and V. KIRILENKO. [Margelan silk] Margelanskii shelk. Tashkent, Gos. izd-vo UzSSR, 1959. 53 p.

ZNAMENSKII, M. E. [Geometrical figures in technical forms. Textbook for teachers of secondary schools] Geometricheskie figury v tekhnicheskikh formakh; posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 152 p.

17. MILITARY & NAVAL SCIENCES

ARTEMOV, A. P., V. E. IA. AVDEI, and L. G. ROKHCHINA, comps. [German-Russian artillery dictionary] Nemetsko-russkii artilleriiskii slovar'. Pod red. M. I. Dubnera i V. L. Medera. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 436 p.

BAKAL, A. A., and A. A. SHARIPOV. [Military operations of infantry units during combat in cities; combat characteristics of the reinforced infantry company and platoon] Boevye deistviia strelkovykh podrazdelenii v gorode, osobennosti boevykh deistvii usilennoi strelkovoi roty, usilennogo vzvoda. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 158 p.

BOLGAROV, N. P. [Stories about submarines] Rasskazy o podvodnoi lodke. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 230 p.

CHERNOV, M. I. [Vessels with underwater wings] Suda na podvodnykh kryl'iakh. Moskva, Izd-vo "Znanie," 1960. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 10)

EDLINSKII, S. F. [Forty years of the Soviet Northern Ice-breaking Flotilla; historical sketch] 40 let Sovetskoi Severnoi ledokol'noi flotilii, istoricheskii ocherk. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1958. 62 p.

EVDOKIMOV, B. I. [Rocket-powered antitank missiles; based on the foreign press] Protivotankovye upravliaemye reaktivnye snariady, po materialam inostrannoi pechati. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 73 p

FRY, JAMES C. [Assault battle drill, translated from the English. Preface by D. Geivin] Obuchenie deistviiam v nastupatel'nom boiu. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 126 p.

GALKIN, V. A. [Device for assembling and welding hull structures] Prisposobleniia dlia sborki i svarki korpusnykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 133 p.

GUSEV, M. N., and others. [Technology of marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Pod obshchei red. M. N. Guseva. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie.

Pt. 2. [Technology of ship repairs] Tekhnologiia sudoremonta. 1960. 470 p.

INSTITUT PO ISSLEDOVANIIU PROBLEM VOINY I MIRA IMENI GEN. N. N. GOLOVINA. IUzhno-amerikanskii otdel, Buenos Aires. [Russian officers] Russkie ofitsery. Buenos Aires, 1959. 47 p.
(CSt-H)

ISAKOV, I. S., and L. M. EREMEEV. [Use of submarines for transportation] Transportnaia deiatel'nost' podvodnykh lodok. Moskva, Voen. izd-vo M-va obor. SSSR, 1959 365 p.

IVANOV, N. N. [Be prepared for defense against aircraft attack] Bud' gotov k PVO. Moskva, Izd-vo DOSAAF, 1959. 123 p.

KARAULOV, A. N., and M. A. FRIDMAN. [Shipbuilding drawing] Sudostroitel'noe cherchenie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 120 p.

LIFSHITS, A. L. [Destroyers] Eskadrennye minonostsy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 162 p.

LISTOV, K. M., and K. N. TROFIMOV. [Radio and radar engineering and its use] Radio i radiolokatsionnaia tekhnika i ikh primenenie. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 423 p. (Biblioteka ofitsera)

MOSCOW. VOENNAIA AKADEMIIA IMENI M. V. FRUNZE. [Battle history of the Soviet Armed Forces] Boevoi put' Sovetskikh Vooruzhennykh Sil. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 670 p.
____ ____ ____ [Atlas of battle maps] Al'bom skhem.

NOVAK, G. M., and D. A. LAPSHIN. [Fighting for the ship's survival] Bor'ba za zhivuchest' korablia. Izd. 2., perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 221 p.

POBEZHIMOV, I. F. [Legal regulation of the development of the Soviet Army and Navy] Pravovoe regulirovanie stroitel'stva Sovetskoi Armii i Flota. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 145 p.

PUNIN, L. N. [M. V. Frunze, distinguished commander of the civil war] M. V. Frunze - vydaiushchiisia polkovodets grazhdanskoi voiny. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 44 p.

RACHKOV, A. A. [Practical nautical astronomy] Prakticheskaia morekhodnaia astronomiia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 125 p.

ROSHCHIN, I. I. [Publicizing natural science and atheism in the armed forces] Estestvennonauchnaia i ateisticheskaia propaganda v voiskakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 63 p.

RU[illegible]

bibliographical materials] Universitety kul'tury dlia sovetskikh voinov; metodicheskie i bibliograficheskie materialy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 94 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo oborony. [Firing instructions; Stechkin 9-mm. automatic pistol (APS)] Nastavlenie po strelkovomu delu; 9-mm avtomaticheskii pistolet Stechkina (APS). Izd. 3, ispr. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 111 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Firing manual, Kalashnikov 7, 62-mm. automatic pistol (AK)] Nastavlenie po strelkovomu delu, 7, 62-mm avtomat Kalashnikova (AK). Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1960 150 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Firing manual; Makarov 9-mm. pistol (PM)] Nastavlenie po strelkovomu delu, 9-mm pistolet Makarova (PM). Izd. 3., ispr. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 92 p.

RUSSIA (1923- U.S.S.R.) Upravlenie komanduiushchego artillerii. [Ground artillery fire] Strel'ba nazemnoi artillerii Moskva, Voen. izd-vo M-va obor. SSSR.
Book 1. 1960. 341 p.

SHARPILO, P. N. [Sacred duty] Sviashchennyi dolg. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 94 p.

SHIFRIN, L. S. [Use of the "Pal'ma" chart matching device in navigation] Ispol'zovanie kartoslichitel'noi pristavki "Pal'ma" v sudovozhdenii. Leningrad, Izd-vo "Morskoi transport," 1960. 60 p.

[THE SOVIET MILITARY ENGINEERS, 1918-1940, c
tion of articles] Sovetskie inzhenernye voiska v 1
1940 gg.; sbornik statei. Moskva, Voen. Izd-vo M-va obor. SSSR, 1959 141 p.

VYSOTA, I. I. [Marine steam engines] Sudovye parov
mashiny. Moskva, Izd-vo "Rechnoi transport."
Pt. 1. [Construction and operation] Konstrukt
i ekspluatatsiia. 1959. 350 p.

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An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue

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AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. South Ossetian Scientific Research Institute. Bulletin]. Stalinir, no. 9, 1958.

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AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia ekonomiki, filosofii i prava [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Series in Economics, Philosophy, and Law]. Alma-Ata, no. 2(11), 1959.

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AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal] Alma-Ata, vol. 15, no. 11(176), Nov. 1959.

Amanlaev, B. - October Revolution and the radical change in the life of the Kazakh people. p.3.
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The great ideas of Lenin live and conquer. p.[illegible]
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KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda." Moscow, nos. 13(1592)-14(1593), May 1960.

KYIV [KIEV]. Published by Bohdan Romanenchuk, Philadelphia, vol. 11, no. 2(59), Mar.-Apr. 1960. [In Ukrainian.]

MÉDENIET ZHĖNE TÜRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 5, May 1960. [In Kazakh.]

MUSHTUM [PUNCH]. Tashkent, vol. 37, nos. 8(578)-9(579), May 1960. [In Uzbek.]

MY I SVIT. WE AND THE WORLD. Paris, no. 72, June 1960. [In Ukrainian.]

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PIONER [PIONEER]. Erivan, no. 4, 1960. [In Armenian.]

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 12, Dec. 1959.

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SOVREMENNYI VOSTOK [THE EAST TODAY]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1960.

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SVOBODNOE SLOVO; ezhemesiachnyi karpato-russkii zhurnal [FREE WORD; Carpatho-Russian Monthly]. Newark, vol. 2, no. 3/4(15/16), Mar.-Apr. 1960.

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, no. 23(254), Dec. 1959. [In Ukrainian

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VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol 20, no. 9(487), May 1960. [In White Russian.]

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN] New York, vol 2, no 3, Apr. 1960. [In Ukrainian]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhonemykh [All-Russian Society of Deaf-Mutes]. Moscow, vol 12, no 11, Nov. 1959.

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2. BIBLIOGRAPHY

a BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [ACADEMY OF SCIENCES OF THE U.S.S.R. Library New Foreign Books Received by the Library System]. Moscow, nos. 91-92, 1959.

BIBLOS; ZHURNAL BIBLIOGRAFII, KRYTYKY I RETSENZII [JOURNAL OF BIBLIOGRAPHY, CRITICISM, AND REVIEWS]. New York, vol. 5, no 6/7(62/63). June-July 1960. [In Ukrainian.]

CHTO CHITAT' [WHAT TO READ]. Issued by Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 2, no. 12, Dec. 1959

The international position and foreign policy of the Soviet Union. p.1.
Forty-second anniversary of the Great Socialist Revolution. p.1.
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INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.] Moscow, no. 9, May 1960. 30 p.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 20-21, 1960.

—— Vspomogatel'nye ukazateli [Index], Oct.-Dec 1959

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 4-5, 1960.

—— Vspomogatel'nye ukazateli [Index], Jan.-Mar. 1960.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1, 1960.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES] Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber] Moscow, nos 17-20, 1960.

—— Vspomogatel'nye ukazateli [Index], Oct. -Dec 1959

MEZHDUNARODNAIA KNIGA [Sovetskie knigi (novinki), katalog dlia zakazov. Soviet Books (New Publications); Order Catalog] Moscow, no 105a, 1957, no. 7, 1960

MOSCOW PUBLICHNAIA BIBLIOTEKA Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina. Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library Series 1: Physical-Mathematical, Chemical and Geological-Geographical Sciences; Technology and Technological Sciences; Technological Catalogs of Foreign Firms] Nos 13-14, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I Lenina Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY Information Bulletin of New Foreign Books, Received by the Lenin Library Series 2 Biological, Medical, and Agricultural Sciences]. Nos. 13-14, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura [PUBLIC LIBRARY Information Bulletin of New Foreign Books, Received by the Lenin Library Series 3: Social Sciences and Belles-Lettres]. No 13, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII: VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: HUNGARY] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R]. Moscow, nos. 1-2, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1960.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1960.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1960.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 1-2, 1960.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 18-22, May 1960.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia [NEW BOOKS ABROAD ON SOCIAL SCIENCES; Economics, Philosophy, History]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 3, no. 4, Apr. 1960.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteku SSSR. Seriia B: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Libraries of the U. S. S. R. Series B Social Sciences] Moscow, no 10(40), 1959 579 p

b LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.]. Moscow, no 4, Apr. 1960

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Brief news of library activities. p. 61.

NAUKOVE TOVARYSTVO IMENI SHEVCHENKA. Bibliotechna komisiia. Biuleten'. SHEVCHENKO SCIENTIFIC SOCIETY. Library Committee. Bulletin. New York, no. 1, Oct. -Dec. 1959. [In Ukrainian.]

UKRAINS'KA BIBLIOTEKA IMENI SIMONA PETI
Informatsiinyi biuleten' [SIMON PETLIURA U
AN LIBRARY Information Bulletin]. Paris,
May 1959. [In Ukrainian.]

c PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTIN
INDUSTRY]. Organ of Ministerstvo kul'tury SSS
[Ministry of Culture of the U. S. S R] Moscow,
no. 12, Dec. 1959.

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Index to articles published in "Poligraficheskoe proizvodstvo" in 1959. p. 29.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF P
LICATIONS]. Issued by Glavnoe upravlenie po ras
straneniiu pechati Ministerstva sviazi SSSR [Main
Administration for the Dissemination of Printed
Matter of the Ministry of Communications of the
U. S. S. R.]. Moscow, no. 4, Apr. 1959.

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a PHILOSOPHY

[illegible] [ACADEMY OF SCIENCES OF [illegible]] [illegible] Institute of Philosophy. [illegible] 1959.

[illegible] A. - Marx's and Lenin's [illegible] on the [illegible] p.5
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[illegible] INSTYTUT PSYKHOLOGII. [illegible] Vol.9, 1959. [illegible] [Problems of psychology]. [In Georgian with summaries in Russian.]

[illegible] M. V. - Perception of spatial relations [illegible] children of preschool age, p.3
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NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [*Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.*]. Moscow, nos. 1-2, 1960.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 14, no. 4, 1960 [With summaries in English, pp. 182-186.]

Editorial. Lenin's plan for the building of communism in action. p. 3.
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VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol.5, no.6, Nov.-Dec. 1959.

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b RELIGION

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PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by the Holy Trinity Monastery, Jordanville, N Y , vol 31, no. 10(699), May 1960.

PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N Y , no. 5, May 1960.

RIDNA TSERKVA [OUR BELOVED CHURCH] Issued by Vyshche tserkovne upravlinnia Ukrains'koi avtokefal'noi pravoslavnoi tserkvi na chuzhyni [Main Ecclesiastical Administration of the Ukrainian Autocephalous Orthodox Church Abroad] Munich, no 42, Apr. -June 1960. [In Ukrainian.]

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America] New York, vol. 56, no. 6, June 1960.

RUSSKOE STUDENCHESKOE KHRISTIANSKOE DVIZHENIE. Vestnik [RUSSIAN STUDENTS' CHRISTIAN MOVEMENT. Messenger]. Paris, no. 56, Jan. 1960.

TSERKOVNAIA ZHIZN'. CHURCH LIFE. Published by Arkhiereiskii Sinod Russkoi Pravoslavnoi TSerkvi zagranitsei [Synod of the Bishops of the Russian Orthodox Church Abroad]. Jordanville, N.Y., vol. 26, ·o 1/2, Jan. -Feb. 1960.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. 23, nos. 7(79)-8(80), May-June 1960. [In Ukrainian.]

WESTERN EUROPE (Exarchate) Vestnik Russkogo zapadno-evropeiskogo patriarshego ekzarkhata [Messenger of the Russian West European Patriarchal Exarchate] Paris, no. 32, Oct. -Dec. 1959.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S S. R. Historical and Philological Review]. Erivan, no. 2/3(5/6), 1959. [In Armenian with summaries in Russian.]

Kochinian, A.E. - The seven-year plan, a decisive step towards the further improvement of the economy and culture of Armenia. p.3.

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AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia Seriia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R Bulletin Series in History, Archaeology, and Ethnography]. Alma-Ata, no 2(10), 1959.

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AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]. Alma-Ata, vol. 6, 1959. Etnografiia [Ethnography]

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AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oriental Studies Studies]. Moscow, vol. 20, 1959. Indiia; stat'i po istorii [India; articles on history].

Ashrafian, K.Z. - The agrarian structure of the Delhi Sultanate in the 13th and 14th century. p.3.

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ISTORIIA SSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R] Moscow, vol. 3, no. 6, Nov.-Dec. 1959.

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SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, vol. 33, no. 1, Jan. 1960.

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EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S R. for Construction]. Moscow, no.12, Dec. 1959.

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SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi sovet potrebitel'skikh obshchestv SSSR [Central Council of Consumer Unions of the U.S.S.R.] Moscow, vol. 4, no. 1, 1960.

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ḰAZAḰSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN] Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 39, no. 4, Apr. 1960. [In Kazakh.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol.37, no.6, May 1960.

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KOMMUNISTI TOCHIKISTON [COMMUNIST T
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KOMUNIST UKRAINY [COMMUNIST OF THE
Issued by TSentral'nyi komitet Komunistycl
Ukrainy [Central Committee of the Commu
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Published by Vsesoiuznoe obshchestvo po r
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MOSCOW. Ispolnitel'nyi komitet Biulleten' [Executive Committee Bulletin] No. 8(446), Apr 1960

MOSKOVSKII PROPAGANDIST [MOSCOW PROPGANDIST] Organ of Moskovskii komitet i Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow city Committee of the Communist Party of the Soviet Union]. Moscow, Vol. 16, no. 12, Dec 1959.

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NASHI DNI [OUR DAYS]. Frankfurt/Main, no 2, 1960

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 18, no. 17(779), Apr. 1960.

Editorial The era of Lenin. p.1.
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PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan] Alma-Ata, vol. 28, no 6, June 1959.

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RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 4, no. 19(90), June 1960.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 23, no. 19(1003), May 1960.

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party]. New York, vol. 40, nos 5(741)-6(742), May-June 1960

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no. 12, Dec. 1959.

Editorial: Pliushch, A. - We should learn to persuade people. p. 3.
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ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Organ of the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 32, nos. 4-5, Apr.-May 1960 [In Uzbek.]

V POMOSHCH' POLITICHESKOMU SAMOOBRAZOVANIIU [A MAGAZINE FOR POLITICAL SELF-EDUCATION] Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol 3, no. 12, Dec. 1959.

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VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Issued by Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union] Moscow, vol. 4, no. 3, 1960.

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IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; pravovedenie [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Jurisprudence]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 3, no. 4, 1959.

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SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST
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SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued
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NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the *U.S.S.R.*] Moscow, nos. 1-2, 1960

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AZĔRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz sovetskikh pisatelei Azerbaidzhana [Association of Soviet Writers of Azerbaijan]. Baku, no. 5, May 1960. [In Azerbaijani.]

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii [Central Committee of the Lenin Communist Youth League of Georgia]. Tiflis, no. 4, 1960. [In Georgian.]

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 33, no. 12, Dec. 1959. [In Ukrainian.]

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LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 20, no. 6, Nov.-Dec. 1959.

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NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, nos. 1-2, 1960.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 36, no. 11, Nov. 1959.

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PUNALIPPU [THE RED BANNER]. Issued by the Association of Soviet Writers of the Karelo-Finnish S. S. R Petrozavodsk, vol. 14, no. 2, May 1957 [In Finnish.]

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Issued by Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S S. R. and the Association of Writers of the Ukraine]. Kiev, no. 6, Nov.-Dec. 1959. [In Ukrainian.]

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SOVET ĔDĔBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol. 38, no. 5, May 1960. [In Tatar.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia Erivan, no. 4, 1960. [In Armenian.]

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, no. 12, Dec. 1959.

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SOVETSKII KAZAKHSTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 34, no. 2, Feb. 1960.

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UKRAINS'KA VIL'NA AKADEMIIA NAUK. Seriia Literatura [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Literature]. Winnipeg, no. 6, 1960. [In Ukrainian.]

ZHŬLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana and Ministerstvo kul'tury Kazakhskoi SSR [Association of Soviet Writers of Kazakhstan and the Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 5, May 1960. [In Kazakh.]

ZVEZDA [THE STAR]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, no. 1, Jan. 1960.

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VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.1, Jan. 1960.

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AKADEMIIA NAUK SSSR Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry Transactions]. Moscow, no. 28, 1959. Voprosy geokhimii [Problems in geochemistry], no. 1.

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o. 29, 1959. Voprosy magmatizma Vostochnoi Sibiri [Problems of magmatism in Eastern Siberia].

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AKADEMIIA NAUK SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Biulleten' [ACADEMY OF SCIENCES OF THE U. S. S. R. Commission for the Study of the Quaternary Period. Bulletin]. Moscow, no. 23, 1959.

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AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 22, 1959. Voprosy inzhenerno-geologicheskogo izucheniia glinistykh gornykh porod SSSR [Problems in engineering and geological study of clays in the U. S. S. R.]

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AKADEMIIA NAUK SSSR. Paleontologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Paleontology. Transactions]. Moscow, Vol. 76, 1960.

Title translated:
Bekker-Migdisova, E. E. - New Permian homoptera from the European part of the U. S. S. R. 111 p.
Title transliterated: Bekker-Migdisova, E. E. - Novye permskie ravnokrylye Evropeiskoi chasti SSSR. 111 p.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Mining Geological Institute. Transactions]. Sverdlovsk, no. 33, 1959. Materialy po petrografii i geologii glavnoi (zapadnoi) vulkanogennoi zony vostochnogo sklona Srednego Urala [Materials on the petrography and geology of the main (western) volcanic zone on the eastern slope of the Central Urals].

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No. 45, 1959.

Title translated:
Dunaev, V. A. - Mineralogy and petrography of the Techa deposit. 156 p.
Title transliterated: Dunaev, V. A. - Mineralogo-petrograficheskoe opisanie Techinskogo mestorozhdeniia. 156 p.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Sbornik statei po paleontologii i biostratigrafii [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Collected Papers on Paleontology and Biostratigraphy]. No. 12, 1958.

Musalitin, L. A. - Preliminary results of a stratigraphic study of upper Paleozoic deposits in the northern part of the western Verkhoyansk region. p. 3.
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LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol. 92, 1958. Nefte-gazonosnost' severa Sibiri [Oil and gas potentials of northern Siberia].

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LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE, Transactions]. No. 136, 1959. Mikrofauna SSSR [Microfauna of the U.S.S.R.], no. 10: Ostrakody i foraminifery Russkoi platformy i Srednei Azii [Ostracoda and foraminifera of the Russian Platform and Central Asia].

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PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1959.

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PYTANNIA GEOLOGII [PROBLEMS OF GEOLOGY]. Issued by L'vivs'kyi universytet im. Iv. Franka [Lvov University]. Lvov, no. 6, 1958. [In Ukrainian.]

Vialov, O.S. - Indications of the volcanic activity in flysch and molasse formations in the northern slope of the Carpathians and the cis-Carpathian region. p. 5.
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REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, Apr. 1960.
Contents:
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No. 5, May 1960.
Contents:
[Abstracts] Referaty 7656-9809. 319 p.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 2, no. 10, Oct. 1959. [With summaries in English.]

Antropov, P.IA. - Problems in geological prospecting in the light of the decisions of the June Plenum of the Central Committee of the CPSU. p. 3.
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13. SCIENCE

a. GENERAL

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NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published b Vsesoiuznoe obshchestvo po rasprostraneniiu polit cheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledg Moscow, vol. 26, no. 12, Dec. 1959.

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ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro Astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.] Kazan, no. 180, May 1957.

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VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no 24(31), 1959.

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vol. 23, 1958.
Title:
[Dicotyledons]. 775 p.

Vol. 25, 1959.
Title:
[Compositae]. 630 p.

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AKADEMIIA NAUK SSSR Botanicheskii Institut Trudy [ACADEMY OF SCIENCES OF THE U S S. R Botanical Institute Transactions Ser 6 Introduktsiia rastenii i zelenoe stroitel'stvo [Introduction of Plants and Landscape Gardening] Moscow, no 7, 1959 Vvedenie v kul'turu novykh poleznykh rastenii [Introduction of new useful plants]

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Title translated:
Shvarts, S.S. - Some problems with regard to species in terrestrial vertebrates. 130 p.
Title transliterated: Shvarts, S.S. - Nekotorye voprosy problemy vida i nazemnykh pozvonochnykh zhivotnykh. 130 p.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Department of Natural Sciences. Bulletin]. Stalinabad, no. 2(26), 1958.

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AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Biological Sciences]. Minsk, no. 4, 1959. [In White Russian]

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Title translated:
Kozhanchikov, I.V. - Bagworm moths (family Psychidae). 516 p.
Title transliterated: Kozhanchikov, I.V. - Chekhlonosy-meshechnitsy (sem. Psychidae). 516 p.

No. 70, Zhestkokrylye [Coleoptera], vol. 23, no. 1, 1958.
Title translated:
Plavil'shchikov, N.N. - Longicorn beetles. Part 3: Subfamily Lamiinae. Part 1. 591 p.
Title transliterated: Plavil'shchikov, N.N. - Zhuki-drovoseki. Part 3: Podsemeistvo Lamiinae, Part 1. 591 p.

No. 74, Zhestkokrylye [Coleoptera], vol. 10, no. 4, 1960.
Title translated:
Medvedev, S.I. - Lamellicorns (Scarabaeidae), subfamilies Euchirinae, Dynastinae, Glaphyrinae, Trichiinae. 397 p.
Title transliterated: Medvedev, S.I. - Plastinchatousye (Scarabaeidae). Podsem. Euchirinae, Dynastinae, Glaphyrinae, Trichiinae. 397 p.

No 75, 1960.
Title translated:
Ivanov, A.V. - Pogonophora. 271 p.
Title transliterated: Ivanov, A.V. - Pogonofory. 271 p.

*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSICALOGICAL JOURNAL OF THE U.S.S.R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologists]. Moscow, vol. 45, no. 7, July 1959.

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FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL] Issued by Instytut fiziologii Akademiia nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol.5, no.6, Nov.-Dec. 1959. [In Ukrainian with summaries in Russian and English.]

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*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.6, no.6, Nov.-Dec. 1959. [With summaries in English.]

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ITOGI NAUKI Khimicheskie nauki [ACHIEVEMENTS OF SCIENCE: Chemical Sciences]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1959. Fiziko-khimicheskii analiz [Physicochemical analysis].

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MATEMATIKA, periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS; Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 2, Mar.-Apr. 1960. 150 p.

OBOBSHCHENNYE FUNKTSII [GENERALIZED FUNCTIONS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physical and Mathematical Literature]. Moscow, no. 1, 1959.

Title translated

Gel'fand, I.M., Shilov, G.E. – Generalized functions and operations on them. 470 p.

Title transliterated: Obobshchennye funktsii i deistviia nad nimi. 470 p.

*PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Published by Institut mekhaniki Otdeleniia tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technical Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 6, Nov.-Dec. 1959.

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PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravokhraneniia SSSR [Ministry of Health of the U S. S R.]. Moscow, vol. 37, no. 7, 1959 [With summaries in French]

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[illegible] OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, [illegible], July-Aug 195[illegible] [With summaries in English]

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*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. [illegible], no. 12, Dec. 1959. [With English summaries on pp 58-5[illegible]]

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KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. Dopovidi [UKRAINIAN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. Vol. 2, no. 6 (12), Nov.-Dec. 1959. [In Ukrainian with summaries in Russian.]

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STANDARTIZATSIIA [STANDARDIZATION] Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U S. S R.] Moscow, vol. 23, no. 11, Nov. 1959.

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IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, aviatsionnaia tekhnika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Aviation Engineering]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 2, no. 4, 1959.

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MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONATUCIS. Transactions]. No. 40, 1959. Voprosy tekhnologii priborostroeniia [Technology of the manufacture of instruments].

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VOPROSY RAKETNOI TEKHNIKI, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol [illegible] no [illegible] (03), 1960. [illegible] p.

CHEMICAL TECHNOLOGY

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Title translated

Bol'shakov, K P, and others. - Investigating welded joints in metal and reinforced concrete bridges. 392 p.

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BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction] Moscow, no 12, Dec 1959

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Title translated.
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No. 27, 1959.

Title translated:
Building and reconstructing iron and steel plants in foreign countries. 127 p.
Title transliterated Iz praktiki stroitel'stva i rekonstruktsii predpriiatii chernoi metallurgii za rubezhom. 127 p.

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AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL] Published by Institut avtomatiki i *telemekhaniki* Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 20, no. 11, Nov. 1959. [*With summaries in English.*]

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AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, TELEMECHANICS, AND COMMUNICATIONS] Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 3, no. 12, Dec. 1959.

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AVTOMATYKA [AUTOMATIC CONTROL.] Issued by Instytut elektrotekhniky Akademii nauk URSR [Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 4, 1959. [In Ukrainian with summaries in Russian and English.]

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[illegible]senthal, D.K. - Publishing plan in the field of electrical engineering of the Ukrainian Academy of Sciences for 1960. p. [illegible].
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ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR, Nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Planning Commission of the U.S.S.R., Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Industrial Power Industry]. Moscow, vol. 30, no. 12, Dec. 1959.

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*ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR and Ministerstvo elektrostantsii SSSR [Academy of Sciences of the U.S.S.R. and Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, no.12, Dec. 1959.

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*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S R.]. Moscow, vol.13, no.10, Oct. 1959

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LENINGRAD. ELEKTROTEKHNICHESKII INSTITUT SVIAZI. Sbornik studencheskikh nauchnykh rabot [INSTITUTE OF TELECOMMUNICATION ENGINEERING. Collected Student Papers]. No.1, 1959.

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PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER] Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.] Moscow, vol. 14, no. 12, Dec. 1959

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*RADIOTEKHNIKA [RADIO ENGINEERING] Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [A.S. Popov Scientific Technical Society of Radio Engineering and Telecommunications] Moscow, vol. 14, no. 12, Dec. 1959

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AKADEMIIA NAUK SSSR Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]. Moscow, vol. 20, no. 77, 1959.

IAsiulenis, A. I. - A characteristic of the plane-parallel motion. p. 3.
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AKADEMIIA NAUK URSR, Kiev. Instytut mashynoznavstva i sil's'kohospodars'koi mekhaniki. Nauchnye trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Machinery and Agricultural Mechanics. Scientific Works]. Kiev, vol. 6, 1958.

Vasilenko, A. A. - High-strength cast iron in the manufacture of machinery. p. 3.
Seredenko, B. N., Stetsenko, V. I., Markovskii, E. A. - Wear resistance of high-strength cast iron used in the manufacture of tractors. p. 33.
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CHELYABINSK. POLITEKHNICHESKII INSTITUT. Sbornik statei [POLYTECHNIC INSTITUTE. Collected Papers]. No. 13, 1959. Raschet i konstruirovanie mashin [Design and construction of machinery].

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ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 3, no. 12, Dec. 1959.

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MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, vol. 13, no. 12, Dec. 1959.

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*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol.8, no.5, Nov. 1959.

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RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES] Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol 25, no. 10, Oct. 1959.

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VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, no. 12, Dec. 1959.

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b. NAVAL SCIENCE

ASSOCIATION OF RUSSIAN IMPERIAL NAVAL OFFICERS IN AMERICA, New York. [Bulletin]. OBSHCHESTVO OFITSEROV ROSSIISKAGO IMPERATORSKAGO FLOTA V AMERIKE. Biulleten' New York, no. 1(91), Apr. 1960.

LENINGRAD. KORABLESTROITEL'NYI INSTITUT. Trudy [SHIPBUILDING INSTITUTE Transactions]. No. 16, 1955. Sudostroenie [Shipbuilding].

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PART C

List of Periodicals and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Akush. i gin. (14b)	Akusherstvo i ginekologiia [Obstetrics and Gynecology]
Apt. delo (14f)	Aptechnoe delo [Pharmacy]
Arkh. anat. gist. i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkhit. i stroi. Mosk. (10b)	Arkhitektura i stroitel'stvo Moskvy [Architecture and Construction in Moscow]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Astron. tsir. (13b)	Astronomicheskii tsirkuliar [Astronomical Circular]
Atom. energ (16e)	Atomnaia energiia [Atomic Energy]
Atomnaia tekhnika za rubezhom (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom. svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom., telem. i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Telemechanics, and Communications]
Avtomatyka (16e)	Avtomatyka [Automatic Control]. In Ukrainian.
Azerb. med. zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]. Parallel text in Azerbaijani and Russian.
Azerb. neft. khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bezop. truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bet. i zhel.-bet (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biul. Glav. bot. sada (13c)	Moscow. Glavnyi botanicheskii sad, Pushkinskoe. Biulleten' [Main Botanical Garden. Bulletin]
Biul. Inst. teor. astron. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]
Biul. Kom. chetv. per. (12c)	Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Biulleten' [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Bulletin]
Biul. Kom. po komet. i meteor. AN SSSR (13b)	Akademiia nauk SSSR. Komissiia po kometam i meteoram. Biulleten' [Academy of Sciences of the U.S.S.R. Committee on Comets and Meteors. Bulletin]
Biul. MOIP. Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul. nauch.-tekh. inform. VIZH (15b)	† Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva. Biulleten' nauchno-tekhnicheskoi informatsii [All-Union Scientific Research Institute of Animal Husbandry. Bulletin of Scientific and Technical Information]
Biul. Okean. kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Biulleten' [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Bulletin]
Biul. tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. tekh. inform. po stroi. (16d)	Biulleten' tekhnicheskoi informatsii po stroitel'stvu [Bulletin of Technical Information for Construction]
Biul. VAGO (13b)	Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society. Bulletin]
Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biulleten' izobretenii (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bukhg. uchet (5a)	Bukhgalterskii uchet [Accounting]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Chto chitat' (2a)	Chto chitat' [What to Read]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Dnipro (11b)	Dnipro [Dnieper]. In Ukrainian.
Dokl. AN Arm. SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Report
Dokl. AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl. AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Doklady [Academy of Sciences of the Tajik S.S.R. Reports]
Dokl. AN Uz. SSR (13a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Doklady [Academy of Sciences of the Uzbek S.S.R. Reports]
Dokl. Akad. sel'khoz. (15a)	Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina. Doklady [Lenin All-Union Academy of Agricultural Sciences. Reports]
Dop. AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Dop. UASHN (15a)	Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. Dopovidi [Ukrainian Academy of Agricultural Sciences. Reports]. In Ukrainian.
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Doshk. vykh. (8a)	Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Druzhba (6)	Druzhba [Friendship]
Ekon. sel'khoz.	Ekonomika sel'skogo khoziaistva [Economics of Agricultur
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. i tepl. tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Elektrichestvo (16c)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Fauna SSSR (13c)	Fauna SSSR [Fauna of the U.S.S.R.]
Fel'd. i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Finsk. torg. zhur. (5a)	Finskii torgovyi zhurnal [Finnish Commercial Journal]
Fiz. met. i metallovod. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.
Fizk. i sport (8b)	Fizkul'tura i sport [Physical Education and Sports]
Flora SSSR (13c)	Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR [Academy of Sciences of the U.S.S.R. Botanical Institute. Flora of the U.S.S.R.]
Gaz. prom. (16c)	Gazovaia promyshlennost' [Gas Industry]
Geog. v shkole (12b)	Geografiia v shkole [Geography in Schools]

Geol. nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr. stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidroliz. i leso-khim. prom. (16c)	Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
Gig i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gig. truda i prof. zab. (14g)	Gigiena truda i professional'nye zabolevaniia [Labor Hygiene and Occupational Diseases]
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Gosudarstvennyi obshchesoiuznyi standart (16a)	Russia (1923- U S.S.R.) Vsesoiuznyi komitet standartov Gosudarstvennyi obshchesoiuznyi standart [All-Union Committee of Standards State All-Union Standard]
Grazhd. av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Inform. sbor. TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik [Central Scientific Research Institute of the Merchant Marine. Information Bulletin]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser. I (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina. Seriia 1· Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series I· Physical-Mathematical, Chemical and Geological-Geographical Sciences, Technology and Technological Sciences; Technological Catalogs of Foreign Firms]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser 2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2· Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 2· Biological, Medical, and Agricultural Sciences]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3· Socia' Sciences and Belles-Lettres]
Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]
Inostr. iaz. v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in Schools]
Inzh.-fiz. zhur (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Isk. Azerb (10a)	Iskusstvo Azerbaidzhana [The Art of Azerbaijan]. In Russian and Azerbaijani.
Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Ist. arkh. (4a)	Istoricheskii arkhiv [Historical Archives]
Ist -filol zhur. (4a)	Akademiia nauk Armianskoi SSR, Erivan. Istoriko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
Itogi nauki: Khim. nauki (13d)	Itogi nauki· Khimicheskie nauki [Achievements of Science· Chemical Sciences]
IUn. tekh. (16a)	IUnyi tekhnik [Young Technician]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Azerb. SSR. Ser. biol. i sel'-khoz. nauk (15a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i sel'skokhoziaistvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Agricultural Sciences]
Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Izvestiia. Seriia ekonomiki, filosofii i prava [Academy of Sciences of the Kazakh S.S.R. Series in Economics, Philosophy, and Law]
Izv. AN Kazakh. SSR. Ser. gor. dela (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia gornogo dela [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mining]
Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv. AN Kazakh. SSR. Ser. met., obog i ogneup (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia metallurgii, obogashcheniia i ogneuporov [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Energ. avtom. (16e)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. (16h)	Akademiia nauk SSSR Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
Izv. AN SSSR. Ser. biol. (13c)	Akademiia nauk SSSR. Izvestiia. Seriia biologicheskaia [Academy of Sciences of the U S.S.R. Bulletin. Biological Series]
Izv. AN SSSR Ser geofiz. (13f)	Akademiia nauk SSSR Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. [illegible] physical Series]
Izv. AN SSSR. Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Izv. AN SSSR. Ser mat. (13e)	Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Izv. AN Uz. SSR. Ser med. (14a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia meditsinskaia [Academy of Sciences of the Uzbek S.S R Bulletin. Medical Series]
Izv. AN Uz. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Uzbekskoi SSR, Tashkent, Izvestiia Seriia obshchestvennykh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Social [illegible]]
Izv. AN Uz. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia Seriia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical [illegible]]
Izv. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
Izv. GAO (13b)	Pulkovo. Astronomicheskaia observatoriia. Izvestiia [Astronomical Observatory. Bulletin]
Izv. IUgo-Oset. nauch.-issl. inst. (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [Academy of Sciences of the Georgian S.S.R. South Ossetian [illegible] Research Institute. Bulletin]
Izv. Kar. i Kol'. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Izvestiia Karel'skogo i Kol'skogo filialov [Academy of Sciences of the U.S.S.R. Karelian Branch. Bulletin of the Karelian and Kola Branches]
Izv. Krym astrofiz. obser. (13b)	Akademiia nauk SSSR. Krymskaia astrofizicheskaia observatoriia. Izvestiia [Academy of Sciences of the U S.S.R. Crimean Astrophysical Observatory. Bulletin]
Izv. Otd. est. nauk AN Tadzh. SSR (13c)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie estestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Natural Sciences. Bulletin]
Izv. Otd. obshchestv. nauk AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Social Sciences. Bulletin]
Izv. Sib. otd. AN SSSR (1a)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin]
Izv. vys. ucheb. zav.; av. tekh. (16b)	Izvestiia vysshikh uchebnykh zavedenii; aviatsionnaia tekhnika [Bulletin of the Institutions of Higher Learning. Aviation Engineering]
Izv. vys. ucheb. zav.; chern. met. (16h)	Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Bulletin of the Institutions of Higher Learning. Ferrous Metallurgy]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Bulletin of the Institutions of Higher Learning. Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Izvestiia vysshikh uchebnykh zavedenii; energetika [Bulletin of the Institutions of Higher Learning. Power Engineering]
Izv. vys. ucheb. zav.; fiz. (13f)	Izvestiia vysshikh uchebnykh zavedenii; fizika [Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Bulletin of the Institutions of Higher Learning. Geology and Prospecting]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Bulletin of the Institutions of Higher Learning. Mining Journal]
Izv. vys. ucheb. zav.; khim. i khim. tekh. (13d)	Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Izv. vys. ucheb. zav.; les. zhur. (15c)	Izvestiia vysshikh uchebnykh zavedenii, lesnoi zhurnal [Bulletin of the Institutions of Higher Learning. Forest Journal]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Bulletin of the Institutions of Higher Learning. Machine Building]
Izv. vys. ucheb. zav.; mat. (13e)	Izvestiia vysshikh uchebnykh zavedenii; matematika [Bulletin of the Institutions of Higher Learning; Mathematics]
Izv. vys. ucheb. zav ; neft' i gaz (16h)	Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Bulletin of the Institutions of Higher Learning; Petroleum and Gas]
Izv. vys. ucheb. zav.; pishch. tekh. (16c)	Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Bulletin of the Institutions of Higher Learning; Food Technology]
Izv. vys. ucheb. zav.; prav. (7)	Izvestiia vysshikh uchebnykh zavedenii; pravovedenie [Bulletin of the Institutions of Higher Learning; Jurisprudence]
Izv. vys. ucheb. zav.; prib. (16g)	Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Bulletin of the Institutions of Higher Learning. Instrument Manufacture]

Izv. vys. ucheb. zav.; radiofiz (13f)	Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv. vys. ucheb. zav.; stroi. i arkhit. (10b)	Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Bulletin of the Institutions of Higher Learning, Construction and Architecture]
Izv. vys. ucheb. zav.; tekh. leg. prom. (16f)	Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia legkoi promyshlennosti [Bulletin of the Institutions of Higher Learning, Technology of Light Industry]
Izv. vys. ucheb. zav., tsvet met. (16h)	Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]
Kauch i rez (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. nauka i prom. (13d)	Khimicheskaia nauka i promyshlennost' [Chemical Science and Industry]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khimiia i tekhnologiia polimerov (16c)	Khimiia i tekhnologiia polimerov; sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers, Translations From Foreign Periodical Literature]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Khlopkovodstvo (15d)	Khlopkovodstvo [Cotton Growing]
Khol. tekh. (16c)	Kholodil'naia tekhnika [Refrigeration Engineering]
Kinomekhanik (9a)	Kinomekhanik [Motion-Picture Operator]
Kislorod (16c)	Kislorod [Oxygen]
Klin. med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Knizhnaia letopis' (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Kolh. Ukr. (15a)	Kolhospnyk Ukrainy [Collective Farmer of the Ukraine]. In Ukrainian.
Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Kommunist (6)	Kommunist [Communist]
Krat. soob. IIMK (4b)	Akademiia nauk SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of History of Material Culture. Brief Summaries of Reports and Field Explorations]
Krat. soob. Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Brief Reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kuz.-shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]
Len i konop. (15d)	Len i konopliia [Flax and Hemp]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Les. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Letopis' gazetnykh statei (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Letopis' retsenzii (2a)	Letopis' retsenzii [Chronicle of Reviews]
Letopis' zhurnal'nykh statei (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Lit. v shkole (11b)	Literatura v shkole [Literature in Schools]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mast. ugl. (16h)	Master uglia [Master of Coal]
Mat. i soob. Issl. otd. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
Mat. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Matematika (13e)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics; Translations of Foreign Articles]
Med. paraz. i paraz. bol. (14a)	Meditsinskaia parazitologiia i parazitarnye bolezni [Medical Parasitology and Parasitogenic Diseases]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Meditsinskii referativnyi zhurnal (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]

Mekh. i elek. sots. sel'khoz. (15a)	Mekhanizatsiia i elektrifikatsiia sotsialisticheskogo sel'skogo khoziaistva [Mechanization and Electrification of Socialist Agriculture]
Mekh. sil'. hosp. (15a)	Mekhanizatsiia sil's'koho hospodarstva [Mechanization of Agriculture]. In Ukrainian.
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Mekhanika (16g)	Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
Metalloved. i term obr. met (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mias. ind. SSSR (16f)	Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mir. ekon i mezhdunar otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Moloch. prom. (15b)	Molochnaia promyshlennost' [Dairy Industry]
Mosk. prop. (6)	Moskovskii propagandist [Moscow Propagandist]
Moskva (11b)	Moskva [Moscow]
Muk.-elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. khoz Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nar. tvor. ta etn. (12a)	Narodna tvorchist' ta etnografiia [Folk Art and Ethnography]. In Ukrainian.
Nauch. dokl. vys. shkoly; biol. nauki (13c)	Nauchnye doklady vysshei shkoly; biologicheskie nauki [Research Papers of Higher Schools; Biological Sciences
Nauch. dokl. vys. shkoly, ekon. nauki (5b)	Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Research Papers of Higher Schools; Economics]
Nauch dokl. vys. shkoly; filol. nauki (11a)	Nauchnye doklady vysshei shkoly; filologicheskie nauki [Research Papers of Higher Schools; Philological Sciences]
Nauch. dokl. vys. shkoly; lesoinzh. delo (15c)	Nauchnye doklady vysshei shkoly; lesoinzhenernoe delo [Research Papers of Higher Schools; Forest Engineering
Nauch. trudy Inst mash. i sel'khoz. mekh. AN URSR (16g)	Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i sil'skokhospodars'koi mekhaniki. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Machinery and Agricultural Mechanics. Scientific Works]
Nauch. trudy VIESKh (16e)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoziaistva. Nauchnye trudy [All-Union Scientific Research Institute of Rural Electrification. Scientific Transactions]
Nauk. zap. Kyiv. un. (1a)	Kiev. Universytet. Naukovi zapysky [University. Scientific Records]
Nauk. zap. Nauk.-dosl. inst psykhol. (3a)	Kiev. Naukovo-doslidnyi instytut psykhologii. Naukovi zapysky [Scientific Research Institute of Psychology. Studies]. In Ukrainian.
Nauka i pered. op. v sel'khoz. (15a)	Nauka i peredovoi opyt v sel'skom khoziaistve [Science and Progressive Experience in Agriculture]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neftianik (16h)	Neftianik [The Petroleum Worker]
Neva (11b)	Neva
Nov. inostr. ekon. lit. (5b)	† Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. knigi postup. v sist Bibl. AN SSSR (2a)	† Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
Nov. inostr. lit. po iaz. (11a)	† Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature on Linguistics]
Nov. khir. arkh. (14h)	Novyi khirurgicheskii arkhiv [New Surgical Archives]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Books Abroad. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistr Geology]
Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Books Abroad. Series B: Technology]
Nov. lit. po evrop. stran. nar. dem.: Veng. (2a)	† Novaia literatura po evropeiskim stranam narodnoi demokratii; Vengriia [New Literature on European People's Democracies: Hungary]
Nov. lit. po evrop. stran. nar. dem. i slav.: Bolg. (2a)	† Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov. lit. po evrop. stran. nar. dem. i slav.: Chekh. (2a)	† Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies; Czechoslovakia]

Nov. lit. po IUg. (2a)	†Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov sov. i inostr lit. po stran. zarub Vost. (2a)	†Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR (2a)	†Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U. S. S. R.]
Nov. sov. lit. po filos. (3a)	†Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov sov. lit. po iaz. (11a)	†Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov sov. lit. po lit. (11b)	†Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov v stroi. tekh. (16d)	Novoe v stroitel'noi tekhnike [Innovations in Construction Methods]
Nov. vrem. (6)	Novoe vremia [New Times]
Novye knigi (2a)	Novye knigi [New Books]
Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia [New Books Abroad on Social Sciences, Economics, Philosophy, History]
Novye tovary (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Obobshch. funk. (13e)	Obobshchennye funktsii [Generalized Functions]
Obshchestv. pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Oft. zhur. (14d)	Oftalmologicheskii zhurnal [Ophthalmological Journal]
Ogneupory (16h)	Ogneupory [Refractories]
Ogonek (1b)	Ogonek [The Little Light]
Okh. i okh. khoz. (15b)	Okhota i okhotnich'e khoziaistvo [Hunting and Game Management]
Okhr. truda i sots. strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Oktiabr' (11b)	Oktiabr' [October]
Opt. i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Opyt stroi. (16d)	Opyt stroitel'stva [Construction Practice]
Ortop., travm. i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Osn., fund. i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Otv. na vop. trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Ovtsevodstvo (15b)	Ovtsevodstvo [Sheep Breeding]
Paleont. zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Pam. kul't. (4b)	Moscow. Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury [State Historical Museum. Landmarks of Culture]
Part. zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh (8a)	Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh; sbornik referatov [Pedagogy and Education Abroad; Abstracts]
Per. zvezdy (13b)	Peremennye zvezdy [Variable Stars]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Podzem. gaz. ugl. (16c)	Podzemnaia gazifikatsiia uglei [Underground Gasification of Coal]
Poligr. proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Pratsi Od. un. Zbir. stud. rob. (1a)	†Odessa. Universitet. Pratsi. Zbirnyk students'kykh robit [University. Transactions. Collected Student Papers]. In Ukrainian.
Prep. ist. v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Prib. i tekh. eksp. (13f)	Pribory i tekhnika eksperimenta [Instruments and Experimental Techniques]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl. mat. i mekh. (13e)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Probl. reg. rech. stoka (16d)	Problemy regulirovaniia rechnogo stoka [Problems of Regulation of River Flow]
Probl. Sev. (12b)	Problemy Severa [Problems of the North]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Probl. vostokoved. (4a)	Problemy vostokovedeniia [Problems of Oriental Studies]
Problemy sovremennoi metallurgii (16h)	Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Contemporary Metallurgy; Translations and Surveys of Foreign Periodical Literature]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Proizv. smaz. mat. (16g)	Proizvodstvo smazochnykh materialov [Production of Lubricants]

Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom. koop. (16f)	Promyslovaia kooperatsiia [Producers' Cooperation]
Prom. stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Pyt. geol. (12c)	Pytannia geologii [Problems of Geology]
Rab.-krest. korr. (1b)	Raboche-krest'ianskii korrespondent [Workers' and Peasants' Correspondent]
Rab. po khim. rastv. i kompl. soed. (13d)	†Raboty po khimii rastvorov i kompleksnykh soedinenii [Papers on the Chemistry of Solutions and Complex Compounds]
Rad. lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]. In Ukrainian.
Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radio (16e)	Radio [Radio]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Rasch na prochn. (16g)	Raschety na prochnost'; teoreticheskie i eksperimental'nye issledovaniia prochnosti mashinostroitel'nykh konstruktsii. Sbornik statei [Strength Analysis; Theoretical and Experimental Investigations of Strength of Elements in Machine Design. Collected Papers]
Raspr. pech. (2c)	Rasprostranenie pechati [Distribution of Publications]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Razved. i prom. geofiz. (16h)	Razvedochnaia i promyslovaia geofizika [Prospecting and Industrial Geophysics]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Referativnyi zhurnal: Biologiia (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Referativnyi zhurnal: Elektrotekhnika (16e)	Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
Referativnyi zhurnal Fizika (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Referativnyi zhurnal: Geofizika (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Referativnyi zhurnal: Geologiia (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Referativnyi zhurnal: Gornoe delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Referativnyi zhurnal: Khimiia (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Referativnyi zhurnal: Mashinostroenie (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building]
Referativnyi zhurnal: Matematika (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Referativnyi zhurnal: Mekhanika (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Referativnyi zhurnal: Metallurgiia (16h)	Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]
Rus. iaz. v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Ryb. khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sad i og. (15d)	Sad i ogorod [Horticulture]
Sakh. prom (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sav. shkola (8a)	Savetskaia shkola [Soviet School]. In White Russian.
Sbor. nauch. rab. Bel. politekh. inst. (16a)	Minsk. Belorusskii politekhnicheskii institut. Sbornik nauchnykh rabot [White Russian Polytechnic Institute. Collected Scientific Papers]
Sbor. nauch. rab. stud. LGI (16h)	†Leningrad. Gornyi institut. Sbornik nauchnykh rabot studentov [Institute of Mining. Student Papers]
Sbor. nauch. trud. IEI (16e)	†Ivanovo. Energeticheskii institut. Sbornik nauchnykh trudov [Institute of Power Engineering. Collected Papers]
Sbor. st. CHPI (16g)	Chelyabinsk. Politekhnicheskii institut. Sbornik statei [Polytechnic Institute. Collected Papers]
Sbor. st. po paleont. i biostrat. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Sbornik statei po paleontologii i biostratigrafii [Scientific Research Institute of Arctic Geology. Collected Papers on Paleontology and Biostratigraphy]
Sbor. stud. nauch. rab. LEIS (16e)	†Leningrad. Elektrotekhnicheskii institut sviazi. Sbornik studencheskikh nauchnykh rabot [Institute of Telecommunication Engineering. Collected Student Papers]
Sbor. trud. NIIST (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. Sbornik trudov [Academy of Construction and Architecture of the U. S. S. R. Institute of Sanitary Engineering. Collected Papers]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]

Sel'.stroi. (16d)	Sel'skii stroitel' [Rural Builder]
Sel'khoz. Povol. (15a)	Sel'skoe khoziaistvo Povolzh'ia [Agriculture of the Volga Valley]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shakh. v SSSR (8b)	Shakhmaty v SSSR [Chess in the U.S.S.R.]
Shvein. prom. (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sil'.bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Smena (5e)	Smena [The Younger Generation]
Sots.obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sots.zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov.arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov.deput.trud (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov.etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov.foto (16c)	Sovetskoe foto [The Soviet Photograph]
Sov.geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov.iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov.Kazakh. (11b)	Sovetskii Kazakhstan [Soviet Kazakhstan]
Sov.kras.krest (5e)	Sovetskii krasnyi krest [Soviet Red Cross]
Sov.med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov.muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov.pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov.pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov potreb.koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov.profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov.Soiuz (1b)	Sovetskii Soiuz [Soviet Union]
Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovetskie knigi (2a)	Mezhdunarodnaia kniga [Sovetskie knigi (novinki); katalog dlia zaiavok. Soviet Books (New Publications); Order Catalog]
Sovr.Vost. (1b)	Sovremennyi Vostok [The East Today]
Sp.igry (8b)	Sportivnye igry [Athletic Games]
Sred.spets.obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stomatologiia (14h)	Stomatologiia [Stomatology]
Stroi.i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi.mekh.i rasch. soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroi.truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Sud.-med.ekspert. (14a)	† Sudebno-meditsinskaia ekspertiza [Medicolegal Examination]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar.proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svinovodstvo (15b)	Svinovodstvo [Swine Breeding]
Svodnyi biulleten' novykh inostrannykh knig. Ser.B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh.kino i telev. (9a)	Tekhnika kino i televideniia [Motion-Picture and Television Engineering]
Tekh.mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekh.sov.kolkh., RTS, sovkhoz. (15a)	Tekhnicheskie sovety kolkhozam, RTS, sovkhozam [Technical Advice to Collective Farms, Repair and Supply Stations, and State Farms]
Tekh.v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Terap.arkh. (14e)	Terapevticheskii arkhiv [Therapeutic Archives]
Trakt.i sel'khoz-mash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Trudy AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions]
Trudy Abkh.inst. iaz.,lit.i ist. (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Abkhazskii institut iazyka, literatury i istorii, Sukhumi. Trudy [Academy of Sciences of the Georgian S.S.R. Abkhasian Institute of Language, Literature, and History. Transactions]
Trudy Bot.inst. Ser.6 (13c)	Akademiia nauk SSSR. Botanicheskii institut. Trudy Seriia 6. Introduktsiia rastenii i zelenoe stroitel'stvo [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 6. Introduction of Plants and Landscape Gardening]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaia observatoriia. [Main Geophysical Observatory. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut Trudy [State Oceanographical Institute. Transact
Trudy Gor.-geol. inst.UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. geologicheskii institut. Trudy [Academy of Scienc the U.S.S.R. Ural Branch. Mining-Geological Ins Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mesto nii, petrografii, mineralogii i geokhimii. Trudy [my of Sciences of the U.S.S.R. Institute of the Geo of Ore Deposits, Petrology, Mineralogy, and Geoch istry. Transactions]
Trudy IML,Turk. fil. (6)	† Ashkhabad. Institut istorii partii. Trudy [Institute the History of the Party. Transactions]
Trudy Inst.biol. UFAN SSSR (13c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy [Academy of Sciences of th U.S.S.R. Ural Branch Institute of Biology Tra actions]
Trudy Inst filos. AN BSSR (3a)	† Akademiia navuk BSSR, Minsk. Instytut filasofii. Tru [Academy of Sciences of the White Russian S.S.R. Institute of Philosophy. Transactions]
Trudy Inst.fiz.i mat.AN BSSR (13f)	Akademiia navuk BSSR, Minsk. Instytut fiziki i matem Trudy [Academy of Sciences of the White Russian S Institute of Physics and Mathematics. Transactions
Trudy Inst.geofiz. AN Gruz SSR (13f)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut geofiz Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Geophysics. Transactions]
Trudy Inst.geol. nauk AN Kazakh. SSR (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut g gicheskikh nauk. Trudy [Academy of Sciences of th Kazakh S.S.R. Institute of Geological Sciences. Tr actions]
Trudy Inst.ist., arkheol i etn. AN Kazakh.SSR (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
Trudy Inst.ist. est.i tekh. (13a)	Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst.khim. AN Azerb.SSR (13d)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut khimii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Chemistry. Transactions]
Trudy Inst.khim. AN Gruz.SSR (13d)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut khimii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Chemistry. Transactions]
Trudy Inst.lit i iaz. AN Azerb.SSR (11b)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut li ratury i iazyka. Ĕsărlări. Trudy [Academy of Scie of the Azerbaijan S.S.R. Institute of Literature and guage. Transactions]
Trudy Inst.mash. Sem.po teor. mash. (16g)	Akademiia nauk SSSR. Institut mashinovedeniia. Trudy Seminar po teorii mashin i mekhanizmov [Academy Sciences of the U.S.S.R. Institute of Mechanical En neering. Transactions. Seminar on the Theory of Machines and Mechanisms]
Trudy Inst.merzl. (12b)	Akademiia nauk SSSR. Institut merzlotovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Institute of Frozen Ground Studies. Transactions]
Trudy Inst.met. UFAN SSSR (16h)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Inst metallurgii. Trudy [Academy of Sciences of the U.S Ural Branch. Institute of Metallurgy. Transactions]
Trudy Inst.okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Trudy Inst.zool.i paraz.AN Kir. SSR (13c)	Akademiia nauk Kirgizskoi SSR, Frunze. Institut zoologi parazitologii. Trudy [Academy of Sciences of the Kirghiz S.S.R. Institute of Zoology and Parasitology. Transactions]
Trudy KAO (13b)	Kiev. Universytet. Astronomichna observatoriia. Tru [University. Astronomical Observatory. Transactio
Trudy Kar.fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Kareli Branch. Transactions]
Trudy Kom.chetv. per. (12c)	Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternar Period. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii in tut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Trudy LKI (17b)	† Leningrad. Korablestroitel'nyi institut. Trudy [Shipbuilding Institute. Transactions]
Trudy LTA (16f)	Leningrad. Lesotekhnicheskaia akademiia. Trudy [Aca emy of Wood Technology. Transactions]
Trudy LTIKhP (16c)	Leningrad. Leningradskii tekhnologicheskii institut kho dil'noi promyshlennosti. Trudy [Leningrad Technolo cal Institute of the Refrigeration Industry. Transacti
Trudy Lab.geol. ugl. (16h)	Akademiia nauk SSSR Laboratoriia geologii uglia. Trud [Academy of Sciences of the U.S.S.R Laboratory of t Geology of Coal. Transactions]
Trudy Lab.gidrogeol.probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S. Laboratory for Hydrogeological Problems. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics Transactions

Trudy MEI (16g)	Moscow. Moskovskii energeticheskii institut Trudy [Moscow Power Engineering Institute Transactions]
Trudy MIIGAIK (13b)	Moscow. Institut inzhenerov geodezii, aerofotos"emki i kartografii. Trudy [Institute for Engineers in Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy Mosk. tekh. inst. ryb. prom. i khoz. (15b)	Moscow. Tekhnicheskii institut rybnoi promyshlennosti i khoziaistva. Trudy [Technological Institute of Fisheries and the Fish Industry. Transactions]
Trudy NIIAK (13f)	Nauchno-issledovatel'skii institut aeroklimatologii. Trudy [Scientific Research Institute of Aeroclimatology. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NIIGMP (13f)	Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniia. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]
Trudy NIIP (15b)	Nauchno-issledovatel'skii institut ptitsevodstva. Trudy [Scientific Research Institute of Poultry Raising. Transactions]
Trudy NIIZHB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete Transactions]
Trudy Okean. kom (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Paleont. inst. (12c)	Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
Trudy SBS (13c)	Akademiia nauk SSSR. Sevastopol'skaia biologicheskaia stantsiia Trudy [Academy of Sciences of the U.S.S.R. Sevastopol Biological Station Transactions]
Trudy Sekt. filos. AN Azerb. SSR (3a)	† Akademiia nauk Azerbaidzhanskoi SSR, Baku. Sektor filosofii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Sector of Philosophy. Transactions]
Trudy Sekt geog. AN Kazakh. SSR (12b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Sektor geografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Section of Geography. Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIGAIK (13b)	Moscow. TSentral'nyi nauchno issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy TSNIIRF (17b)	Leningrad TSentral'nyi nauchno-issledovatel'skii institut rechnogo flota Trudy [Central Scientific Research Institute of the River Fleet Transactions]
Trudy TSNIIS (16d)	Babushkin Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
Trudy Tashk. astron. obser. (13b)	Tashkent. Astronomicheskaia observatoriia. Trudy [Astronomical Observatory. Transactions]
Trudy Tbil. NIGMI (13f)	Tiflis. Nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Hydrometeorological Scientific Research Institute. Transactions]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIM (13f)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut metrologii. Trudy [All-Union Scientific Research Institute of Mensuration. Transactions]
Trudy VNIIPS (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut po pererabotke slantsev. Trudy [All-Union Scientific Research Institute of Shale Processing Transactions]
Trudy VNIIT (16c)	† Vsesoiuznyi nauchno-issledovatel'skii institut pererabotki i ispol'zovaniia topliva. Trudy [All-Union Scientific Research Institute on the Processing and Utilization of Fuel. Transactions]
Trudy VNIRO (15b)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]
TSement (16d)	TSement [Cement]
TSitologiia (13c)	TSitologiia [Cytology]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Uch. zap. Inst. vost. (4a)	Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Oriental Studies. Studies]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Scientific Records]
Uch. zap. MGPIIIA (11a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. Uchenye zapiski [Moscow State Pedagogical Institute of Foreign Languages. Studies]
Uch. zap MGZPI (1a)	Moscow. Gosudarstvennyi zaochnyi pedagogicheskii institut. Uchenye zapiski [State Correspondence Pedagogical Institute. Studies]
Uch. zap Ped inst Gerts (8a)	Leningrad Gosudarstvennyi pedagogicheskii institut im. A.I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records]
Uch. zap. Sver. gos ped. inst. (1a)	† Sverdlovsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uchet i fin. v kolkhoz. i sovkhoz (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ud i ur. (15d)	Udobrenie i urozhai [Fertilizers and Crops]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. biokhim. zhur. (13c)	Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian.
Ukr bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukr. fiz. zhur. (13f)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian.
Ukr. ist. zhur (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]. In Ukrainian.
Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Ukr. mova v shkoli (11a)	Ukrains'ka mova v shkoli [Ukrainian Language in Schools]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Uzb. biol. zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal
Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
V pom. polit. samoobr. (6)	V pomoshch' politicheskomu samoobrazovaniiu [A Magazine for Political Self-Education]
Vedomosti Verkhovnogo Soveta RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vedomosti Verkhovnogo Soveta SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics.
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. AN Kazakh. SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest. Inst. po Izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Vestnik [Institute for the Study of the U.S.S.R. Review]
Vest. ist. mir. kul't. (4a)	Vestnik istorii mirovoi kul'tury [Review of the History of World Culture]
Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mash. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. biol., pochv., geol., geog. (1a)	Moscow. Universitet. Vestnik. Seriia biologii, pochvovedeniia, geologii, geografii [University. Review. Series in Biology, Soil Science, Geology, Geography]
Vest. Mosk. un. Ser. ekon., filos., prava (1a)	Moscow. Universitet. Vestnik. Seriia ekonomiki, filosofii, prava [University. Review. Series in Economics, Philosophy, and Law]
Vest. oft. (14d)	Vestnik oftalmologii [Review of Ophthalmology]
Vest. otorin. (14d)	Vestnik otorinolaringologii [Review of Otorhinolaryngology]
Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest. sel'khoz. nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest. sviazi (16e)	Vestnik sviazi [Communications Review]
Vest. TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest. Vozd. Fl. (17a)	Vestnik Vozdushnogo Flota [Review of the Air Force]
Vestsi AN BSSR. Ser. biial. nav. (13c)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]. In White Russian.
Vestsi AN BSSR. Ser. fiz.-tekh. nav. (13f)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia fizikatekhnichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Physical and Technological Sciences]. In White Russian.
Visnyk ABIA URSR (10b)	Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]. In Ukrainian.
Vin. SSSR (15d)	Vinodelie i vinogradarstvo SSSR [Viticulture and Wine Making in the U.S.S.R.]

Vod. i san tekh (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen. znan. (17a)	Voennye znaniia [Military Knowledge]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. iaz. (11a)	Voprosy iazykoznaniia [Problems of Linguistics]
Vop. ikht (13c)	Voprosy ikhtiologii [Problems in Ichthyology]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop. neirokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Vop. okh. mat. i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. por met i prochn mat (16h)	Voprosy poroshkovoi metallurgii i prochnosti materialov [Problems in Powder Metallurgy and Strength of Materials]
Vop. psikhol. (3a)	Voprosy psikhologii [Problems of Psychology]
Voprosy raketnoi tekhniki (16b)	Voprosy raketnoi tekhniki, sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering, Translations and Surveys of Foreign Periodical Literature]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vsem. stud. nov. (8a)	Vsemirnye studencheskie novosti [World Student News]
Za rul. (16g)	Za rulem [At the Wheel]
Zashch. rast. ot vred. i bol (15d)	Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests]
Zav. lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Belor. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdrav Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zdrav Turk. (14a)	Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhel.-dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil.-kom khoz (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhil stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhizn' glukh. (1b)	Zhizn' glukhikh [Life of the Deaf]
Zhur anal. khim (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. neorg. khim (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. biol. (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Znan. sila (13a)	Znanie - sila [Knowledge is Power]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]
Zvezda (11b)	Zvezda [The Star]

ACTH
Use of the adrenocorticotropic hormone in acute exudative tuberculous pleurisies [with summary in French]. I T. Mal'tsev. Probl.tub. 37 no.7:47-49 '59.

ABAEV, VASILII IVANOVICH, 1900-
V. I. Abaev, eminent expert on Iranian-Ossetic studies. M. I. Isaev. Izv IUgo-Oset nauch -issl inst no.9: 396-414 '58

ABAKAN RANGE—DESCRIPTION AND TRAVEL
Abakan - bear blood. N Tarasov. Fizk. i sport 29 no 11 32-34 N '59

ABASTUMANI—ASTRONOMICAL PHOTOGRAPHY
Abastumani astronomical photographers at their telescopes. G. Chudakov. Sov. foto 19 no. 11,26-29 N '59.

ABDOMEN
Morphological bases of the direction of lymph flow in the human abdominal cavity L. S. Bespalova. Nov. khir. zhur no 6:69-74 N-D '59
Spirov, M.S. [Classification of the lymph nodes of the human abdominal cavity] Klassifikatsiia limfaticheskikh uzlov briushnoi polosti cheloveka. Kiev, Gos. med. izd-vo USSR, 1959. 138 p.

ABDOMEN—SURGERY
Case of early formation of bone tissue in the postoperative scar G F. Gorburov Nov. khir. zhur. no 6:101-102 N-D '59

ABDOMINAL AORTA
Arteries of the human abdominal aortal paraganglion [with summary in English] O Z. Lopushenko Dop AN URSR no.12:1364-1367 '59.

ABKHAZIA—AGRICULTURAL POLICY
Soviet agraian policy in Abkhazia, 1921-1925. A.E. Kuprava. Trudy Abkh. inst. iaz., lit. i ist. 29:49-76 '58.

ABKHAZIA—AROMATIC PLANTS
Adoption of new spice and beverage-yielding plants in the humid subtropics. L. I. Bokareva. Trudy Bot. inst. Ser. 6 no. 7:105-106 '59.

ABKHAZIA—COFFEE
Adoption of new spice and beverage-yielding plants in the humid subtropics. L. I. Bokareva. Trudy Bot. inst Ser 6 no. 7 105-106 '59.

ABKHAZIA—FARM LIFE
Duripsh, results of a historical ethnographical study of collective farm life in an Abkhazian village. Sh. Inal-Ipa Trudy Abkh. inst. iaz., lit. i ist. 29:77-108 '58.

ABKHAZIA—GEOLOGY, STRATIGRAPHIC
New data on the lower Cretaceous stratigraphy of central Abkhazia. V. V. Drushchits and others. Izv. vys. ucheb. zav.; geol. i razv 2 no. 8:37-42 Ag '59.

ABKHAZIA—HANDICRAFT
Home industry and handicraft in Abkhazia during the 19th century, prior to the agrarian reform of 1870. G. A. Dzidzariia. Trudy Abkh. inst. iaz., lit. i ist. 29:115-134 '58.

ABKHAZIA—HISTORY
The Abkhazian Institute on the 40th anniversary of the October Revolution. Kh. S. Bgazhba. Trudy Abkh. inst. iaz., lit. i ist. 29:3-6 '58.

ABKHAZIA—JAVA TEA
Introducing Pilocarpus, Java tea, and the sea onion in the humid subtropics. L. I. Bokareva. Trudy Bot. inst. Ser. 6 no. 7:288-290 '59.

ABKHAZIA—PILOCARPUS
Introducing Pilocarpus, Java tea, and the sea onion in the humid subtropics. L. I. Bokareva. Trudy Bot. inst. Ser. 6 no. 7,288-290 '59.

ABKHAZIA—PLANTS, ORNAMENTAL
Ornamental plants in the flora of Abkhazia. V. S. IAbrova-Kolakovskaia. Trudy Bot. inst. Ser. 6 no. 7,455-458 '59.

ABKHAZIA—REVOLUTION, 1917-1921
The workers of Abkhazia in the struggle for the Soviet regime. G. A. Dzidzariia. Trudy Abkh. inst. iaz., lit. i ist. 29:7-47 '58.

ABKHAZIA—SOVIETS
Abkhazian A. S. S. R. Laws, statutes, etc. [Statute of standing committees of district, city, village, and settlement soviets of workers' deputies of the Abkhazian A. S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Abkhazian A. S. S. R., September 9, 1958] Polozhenie o postoiannykh komissiakh raionnykh, gorodskikh, sel'skikh i poselkovykh Sovetov deputatov trudiashchikhsia Abkhazskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Abkhazskoi ASSR ot 9 sentiabria 1958 g. Sukhumi, Abkhazskoe gos. izd-vo, 1958. 13 p.

ABKHAZIA—SQUILL
Introducing Pilocarpus, Java tea, and the sea onion in the humid subtropics. L. I. Bokareva. Trudy Bot. inst Ser. 6 no. 7,288-290 '59.

ABKHAZIAN LANGUAGE—DIALECTS
The Abzhuisk dialect of the Abkhazian language, morphology, verb (summary). M. M. TSikoliia. Trudy Abkh. inst. iaz., lit i ist. 29:237-238 '58.

ABKHAZIAN LANGUAGE—MOOD
Formation of the conditional mood in the Abkhazian language. L. P. Chkadua Trudy Abkh. inst. iaz., lit. i ist. 29:241-312 '58.

ABKHAZIAN PHILOLOGY
The Abkhazian Institute on the 40th anniversary of the October Revolution. Kh. S. Bgazhba. Trudy Abkh. inst. iaz., lit. i ist. 29:3-6 '58.

ABKHAZIANS
Certain features of the Abkhazian patriarchal society. Sh. Inal-Ipa. Krat. soob. Inst. etn. no. 32,56-60 '59.

ABNORMALITIES (ANIMALS)
Heterochronism in the formation of supernumerary forms. A. A. Voitkevich. Dokl. AN SSSR 131 no. 5;1198-1201 Ap '60
Malformations occurring in parthenogenetic reproduction of the lizard Lacerta saxicola Eversmann I. S Darevskii Dokl AN SSSR 132 no. 1 234-237 My '60

ABNORMALITIES (PLANTS)
Abnormalities in the grapevine flower. G. V. Tkachenko. Nauch. dokl. vys. shkoly, biol. nauki no. 2;107-109 '60.
Some apetalous forms of the apple tree. A. S. Deviatov. Bot zhur. 44 no. 11;1653-1657 N '59

ABORTION
Problem of contraception and the organization of abortion control in the U. S. S. R. O. K. Nikonchik. Akush. i gin 35 no. 6,3-6 N-D '59

ABOVIAN, KHACHATUR, 1804?-1848
The characteristics of Kh. Abovian's esthetical views [in Armenian with summary in Russian]. IA. I. Khachikian. Ist. -filol. zhur. no. 2/3;211-217 '59.

ABRASIVES
Abrasive tools with thermoplastic binding used in honing. A. A. Shturman, R. I Babyreva, S. S. Aivazov. Vest. mash. 40 no. 1:76-77 Ja '60.

ABRASIVES—TESTING
Hardness of heated abrasive materials. G. V. Bokuchava. Izv. vys. ucheb. zav., mashinostr. no. 5:184-187 '59

ABSORPTION
Kinetic regularities in absorption by means of the bubble method. L. A. Mochalova, M. Kh. Kishinevskii. Zhur. prikl. khim. 31 no. 4;533-542 Ap '58.
Purification of hydrogen in a highly efficient mechanical absorber. L. IA. Seliverstova, F. I Vittenberg. Masl.-zhir. prom. 26 no. 1;34-36 Ja '60.

ABSORPTION IN SOILS see Soil absorption

ABSORPTION SPECTRA
Absorption coefficient of atoms in the case of the reverse Zeeman effect at an arbitrary direction of the magnetic field [with summary in English] V. E. Stepanov. Izv Krym. astrofiz. obser 18:136-150 '58

ABSTRACT ART see Art, Abstract

ACADEMY OF SCIENCES OF THE KAZAKH S. S. R.
Committee of scientists from the Academy of Sciences of the U. S. S. R. in Alma-Ata. Vest. AN Kazakh. SSR 15 no. 12 98-99 D '59.
Party organization of a research center. E. Andreev. Part. zhizn' Kazakh 28 no 6 52-56 Je '59.
Reorganization of the Geography Sector. E. A. Katkov. Vest. AN Kazakh. SSR 15 no 12:103 D '59.

ACADEMY OF SCIENCES OF THE U. S. S. R.
Annual assembly of the Academy of Sciences of the U. S. S. R., February 24-26, 1960. Vest. AN SSSR 30 no. 4:62 Ap '60.
Decision of the general assembly. Vest. AN SSSR 30 no. 4:107-109 Ap '60.
Discussion of the report. I. I. Artobolevskii and others. Vest. AN SSSR 30 no. 4:87-106 Ap '60.
General assembly of the Siberian Branch of the Academy of Sciences of the U. S. S. R. A. K. Chernenko. Izv. Sib. otd. AN SSSR no. 11 107-108 '59
Opening address by Academician A. N. Nesmeianov, president of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 30 no. 4:63-69 Ap '60.
Research results and the introduction of completed studies of the Academy of Sciences of the U. S. S. R. in 1959. E. K. Fedorov. Vest. AN SSSR 30 no. 4,70-84 Ap '60.

ACCELERATORS, ELECTRON see Particle accelerators

ACCESS TO BOOKS IN LIBRARIES see Open and closed shelves

ACCIDENTS
Significance of velocity and height in a fall from a moving vehicle. A. I. Volegov. Sud -med. ekspert. 2 no. 3 20-21 Jl-S '59.

ACCOMPLICES
The concept of complicity in Soviet criminal law. M I Kovalev. Izv. vys ucheb. zav., prav. 3 no. 4:97-105 '59.

ACCOUNTING
(see also subdivision under Bulgaria)
"Accounting for administrative operations" by I. Hezrchenko. Reviewed by A. IAkovlev. Bukhg. uchet 16 no. 11,65-68 N '59.
Accounting in carrying out the plan of institutions engaged in scientific research. K. Dobroliubov. Bukhg. uchet 16 22-25 N '59.
Afollo, M. G. [Collection of accounting exercises] Sbornik uprazhnenii po bukhgalterskomu uchetu. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 333 p.
Bezrukikh, P. S. [Uniform accounting reports plan] Edinyi plan schetov bukhgalterskogo ucheta. Moskva, Gosfinizdat, 1959. 78 p.
Dissertations on problems in accounting and analysis. N. Mastelygina. Bukhg. uchet 16 no. 11:60-64 N '59.
Our readers' letters. Bukhg. uchet 16 no. 11:46-52 N '59.
Zoloev, V. T. [Operational accounting in the foreign trade of the U. S. S. R.] Operativnyi uchet vneshnei torgovli SSSR. Moskva, Vneshtorgizdat, 1959. 171 p.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—PERIODICALS
Conference of readers of the journal in Odessa. Bukhg. uchet 16 no. 11:73-75 N '59.

ACCOUNTING—STUDY AND TEACHING
Teaching a course in "Accounting theory." V. Makarov. Bukhg. uchet 16 no. 11:12-21 N '59.

ACENAPHTHENE

Nitro derivatives of acenaphthene. M.M.Dashevskii. Zhur.prikl.khim. 32 no.12:2749-2754 D '59.

Oxidation of 4-nitroacenaphthene to nitronaphthalic acid. M.M.Dashevskii. Zhur.ob.khim. 30 no.4,1271-1274 Ap '60.

ACETATES

Dynamics of the incorporation of acetate and glycine into the molecule of vitamin B_{12} during its biosynthesis. G.V.Proniakova. Dokl.AN SSSR 131 no.5,1181-1182 Ap '60.

ACETIC ACID

Acid-base equilibrium in glacial acetic acid Part 1 [with summary in English]. A M Shkodin, L I Karkuzaki Zhur fiz.khim. 33 no 12'2795-2801 D '59

Chemical curling of the hair. M.G.Polikarpova. Zdorov'e 5 no.12 29 D '59.

Decomposition of some esters of acetic acid by tin chloride. IU.N.Vol'nov Trudy LTIKHP 15'97-101 '58

Determination of acetic acid by diphenylcarbazone [with summary in English] T.O.Het'man. Dop.AN URSR no.10 1130-1132 '59.

Determination of fluoride in cryolite by the trilonometric method. IA G.Sakharova, N.I.Shishkina. Zav.lab. 25 no.12:1442-1443 '59.

Determination of molecular weight by the cryoscopic method. The binary system aniline - acetic acid. E.F Zhuravlev, M.A.Boiarshinova. Zhur.ob.khim. 60 no.4,1070-1075 Ap '60.

Determination of the content of trilon B in acid electrolytes used in tin plating. E.S.Brutle, N.S.Dombrovskaia. Zhur.prikl.khim. 32 no.12:2806-2808 D '59.

Interaction between acetylenic carbinols and acetic acid in the presence of mercury acetate, and mechanism of formation of acetoxyketones. S.G.Matsoian, G.A. Chukhadzhian, S.A.Vartanian. Zhur.ob.khim. 30 no.4 1202-1207 Ap '60.

Simultaneous polycondensation of phenoxyacetic acid and anisole with formaldehyde. A.A.Vainsheidt, N.N. Kuznetsova, K.P.Papukova. Zhur.prikl.khim. 32 no.12'2698-2703 D '59.

Solubility of ethylenediaminetetraacetic acid in ammonia and hydrochloric acid, and its reactions with uranium (IV) and plutonium (IV). A.E.Klygin, I.D.Smirnova, N.A.Nikol'skaia. Zhur.neorg.khim. 4 no.12:2766-2771 D '59.

Synthesis and study of the conversions of β-chloroacetic esters based on cyclohexene. P S Belov, V I Isagulients. Izv.vys.ucheb.zav., neft' i gaz 2 no 11 75-81 '59

The system $UO_2(NO_3)_2$ - ethylenediaminetetraacetic acid - water, studied by the solubility method. A.E.Klygin, I.D.Smirnova, N.A.Nikol'skaia. Zhur.neorg.khim. 4 no.11:2623-2629 N '59.

Use of sodium ethylenediaminetetraacetate (Trilon B) in radiochemical analysis. S.G.TSeitlin. Trudy IGEM no.28;148-151 '59.

Use of trilon B for the determination of cadmium in biological material T.M.Moiseeva Sud -med ekspert 2 no 1,28-32 Ja-Mr '59

ACETOACETAMIDE

Conversion of acetoacetamide into 4-amino-2,4-dimethyl-Δ^{5}-tetrahydro-6-pyridone-3-carboxylamide. P.A.Levin. Zhur.ob.khim. 30 no.4;1340-1342 Ap '60.

ACETOACETIC ACID

Acylation of aryl sulfamides with esters of acetoacetic acid and its derivatives. A.E.Kretov, E.A.Abrazhanova. Zhur.ob.khim. 30 no.4;1243-1245 Ap '60.

Exchange reactions of chlorine-containing telomers of diene hydrocarbons. Part 2: Reactions of 1-chloro-5-methyl-, 1-chloro-3,5-dimethyl-, and 1,3-dichloro-5-methyl-2,6-octadienes with sodium acetoacetate. A.A. Petrov, L.I.Bunina-Krivorukova. Zhur.ob.khim. 30 no.4;1165-1168 Ap '60.

ACETONE

Air pollution by acetone in the vicinity of acetate silk plant. IU.G.Fel'dman. Gig.i san. 24 no.12;66-68 D '59.

Fluorinated ketones. Report No.1: Perfluoroacetone and its reactions with alcohols, organometallic compounds and compounds containing a labile hydrogen atom. I.L. Knuniants, Ch'en Ch'ing-yün, N.P.Gambarian. Izv. AN SSSR Otd.khim.nauk no.4;686-692 Ap '60.

Physicochemical studies of the solutions of some fatty acids in acetone. R.F.Mocharniuk. Zhur.ob.khim. 30 no.4;1086-1091 Ap '60.

Physicochemical study of acetone solutions of some monatomic alcohols. R.F.Mocharniuk. Zhur.ob.khim. 30 no.4;1081-1086 Ap '60.

Products of the bromination of 2,4-dinitrophenylacetone. T.V.Gortinskaia, N.P.Sheina, M.N.Shchukina. Zhur. ob.khim. 30 no.4;1216-1218 Ap '60.

ACETONE—TOXICOLOGY

Problem of the simultaneous action of benzene and acetone vapors on the organism [with summary in English]. N.A. Zhilova. Gig.i san. 24 no.12;18-23 D '59.

ACETONEMIA

Oxidation-reduction processes in patients with presenile psychosis N.I.Ignatova Vrach.delo no.11'1177-1181 N '59.

ACETOPHENONE

Condensation of 5-halofurfuroles with methyl ketones. Part 2: Condensation with acetophenone and its derivatives. Z.N.Nazarova, A D.Garnovskii. Zhur.ob khim. 30 no 4 1182-1187 Ap '60.

Synthesis of nitroacetophenones by the oxidation of nitroethylbenzenes. P M Kochergin and others. Zhur. prikl.khim. 32 no.8:1806-1811 Ag '59.

ACETOXYLIDIDE

Synthesis of xylocaine. S.V.Zhuravlev, E.V.Nikolaev. Zhur.ob.khim. 30 no.4;1155-1157 Ap '60.

ACETYLENE

Acetylene plant. E.Enokhina. IUn.tekh. 4 no.11,33 N '59.

Kinetics of the liquid-phase hydrohalogenation of acetylene in the presence of mercury salts. R.M.Flid. Izv.vys. ucheb.zav.;khim.i khim.tekh. 2 no.6;946-953 '59.

1-Phenyl-2-trifluoromethylethylene, phenyltrifluoromethylacetylene, and their derivatives. L M.IAgupol'skii, IU.A.Fialkov. Zhur.ob.khim. 30 no.4;1291-1294 Ap '60.

Standards for the premissible acetylene content of air-separation units. Kislorod 12 no.6;54 '59.

Synthesis of some α-oxides of the acetylene series. T.Ilomets. Zhur.ob.khim. 30 no.4;1194-1195 Ap '60.

ACETYLENE BLACK see Carbon black

ACETYLENE COMPOUNDS

Effect of α-hydroxy and α-acetoxy groups on the nature of the interaction between hypobromous acid and multiple carbon-to carbon bonds. Report No.1: Cases of an anomalous course of Favorskii reactions. A.A.Akhrem. Izv.AN SSSR Otd.khim.nauk no.4;693-702 Ap '60.

ACID-BASE EQUILIBRIUM

Electrophoretic study of serum proteins in experimentally induced disturbances of the acid-base equilibrium. E.P Korzunova Zdrav Belor. 5 no 12'27-28 D '59.

ACID-RESISTANT MATERIALS—TESTING

Acid-resistant materials and new methods of testing them. I.I.Kisilev. Khim.prom. no.6,542-543 S '59.

ACIDITY OF SOILS see Soil acidity

ACIDS—BASICITY

Acid-base equilibrium in glacial acetic acid. Part 1 [with summary in English] A.M.Shkodin, L.I.Karkuzaki Zhur.fiz.khim. 33 no 12'2795-2801 D '59.

ACIDS, FATTY

Continuous deep saponification of a mixture of fatty components of soap by sodium carbonate. M.P.Bespiatov. Masl.-zhir.prom. 26 no.1,9-13 Ja '60.

Dispersion of fatty acids by surface active agents in flotation. I.N.Plaksin, V.I.Tiurnikova, L.A.Raiskii. Dokl.AN SSSR 131 no.6'1404-1406 Ap '60.

Paper chromatographic study of the formation of volatile acids by micro-organisms of the genera Achromobacter, Pseudomonas, and Chromobacterium [with summary in English]. IU.A.Gorbenko, V.I.Romanenko. Mikrobiologiia 28 no.6'870-873 N-D '59.

Physicochemical studies of the solutions of some fatty acids in acetone. R.F.Mocharniuk. Zhur.ob.khim. 30 no.4;1086-1091 Ap '60.

Polycondensation reactions in the solid phase. Report No.1: Polycondensation of aliphatic ω-amino acids and diamine salts of carboxylic acids in a solid phase. A.V. Volokhina, G.I.Kudriavtsev. Khim.volok. no.5;13-18 '59.

Producing dibasic acids from saturated monobasic fatty acids by oxidation with nitric acid. B.L.Moldavskii and others. Zhur.prikl.khim. 32 no.12'2771-2776 D '59.

Production of C_5 - C_9 low molecular weight synthetic fatty acids by the oxidation of soft paraffins. I.E. Dobkin, P.G.Gushanskaia, L.F.Sycheva. Proizv.smaz. mat. no.5'34-44 '59.

Production of synthetic fatty acids. A.I.Kudriashov, N.K.Man'kovskaia. Khim.nauka i prom. 4 no.5;612-617 '59.

Synthesis of plasticizers based on higher acids containing acids of isomeric structure. V.K.TSyskovskii, M.I. Levina. Khim.prom. no.6;481-483 S '59.

ACIDS, ORGANIC

Differences in the dissociation constants of polymorphous modifications of acids in nonaqueous solutions [with summary in English]. S.S.Urazovskii, I.P.Kotliarenko, A.I.Kuris'ko. Zhur.fiz.khim. 33 no 12;2732-2736 D '59.

Mechanism of the reaction between nitriles, carboxylic acids, and hydrogen chloride at a low temperature. E.N. Zil'berman. Zhur.ob.khim. 30 no.4;1277-1281 Ap '60.

Water soluble acids of solid mineral fuels [with summary in English]. T.A.Kukharenko, T.E Vvedenskaia Pochvovedenie no.12;51-58 D '59.

ACORNS see subdivision under White Russia

ACOUSTIC NERVE

Central regulation of discharges from the peripheral neuron of the auditory system [with summary in English]. G.V.Gershuni. Fiziol.zhur.SSSR 45 no.7:772-777 Jl '59.

ACOUSTICAL MATERIALS

Section of heat insulation and acoustical materials. K.E. Gorlainov. Khim.nauka i prom. 4 no.5;672-673 '59.

ACOUSTICS see Hearing

ACRIDINE

Structure of 9-aminoacridine. IU.N.Sheinker, E.M. Peresleni. Dokl.AN SSSR 131 no.6'1366-1369 Ap '60

ACROLEIN

Changes in the phase composition of the copper oxide catalyst during oxidation of propylene to acrolein. N.I. Popova, V.I.Belinova, E.E.Vermel' Izv vys.ucheb. zav,khim.i khim.tekh. 2 no 6'926-929 '59.

ACRYLATES

Splinting of fractures of the jaws by methacrylate splints fastened by capron thread and self-hardening plastics. F.L.Gardashnikov. Ortop,travm.i protez. 20 no 1: 73-76 Ap '59.

ACRYLIC ACID

Continuous process for the emulsion copolymerization of butyl acrylate with acrylonitrile. K.P.Zabotin and others. Khim.prom. no.6;486-497 S '59.

Production of polyelectrolytes based on derivatives of methacrylic and acrylic acid. M.N.Savitskaia. Zhur prikl.khim. 32 no.8;1797-1802 Ag '59.

Viscosity changes of the reaction system in the process of block polymerization of methyl methacrylate with methacrylic acid. Report No.2 . A.V.Riabov, V.V. Guseev, O.G.Tarakanov. Izv.vys.ucheb.zav.;khim.i khim.tekh. 2 no.6;954-955 '59.

ACRYLONITRILE

Continuous process for the emulsion copolymerization of butyl acrylate with acrylonitrile. K.P.Zabotin and others. Khim.prom. no.6;486-487 S '59.

Reactions of silicon hydrides with acrylonitrile in the presence of iron pentacarbonyl and nickel chloride R Kh Freidlina, Ts'ao I, E TS.Chukovskaia. Dokl.AN SSSR 132 no.1 149-152 My '60

Synthetic fibers from polyacrylonitrile. A.B.Pakshver. Khim.volok. no.5;3-12 '59.

Technological calculations for the machinery used in washing polyacrylonitrile fibers. E.A.Pakshver and others. Khim.volok. no.5;24-29 '59.

ACTING—STUDY AND TEACHING

Shchepkin's school T Troitskaia. Ogonek 37 no 52 27-28 D '59.

ACTINIDIA see subdivision under Maritime Territory

ACTINOMYCES

Effect of phosphorus on the growth and development of Actinomyces rimosus [with summary in English]. Z.M. Zaitseva, G.R.Mikhailova. Mikrobiologiia 28 no.6: 863-869 N-D '59.

Effect of the source of nitrogen nutrition on the structure and development of the producer of chlortetracycline (Actinomyces aureofaciens). L.N Kats. A.A.Prokof'eva-Bel'govskaia. TSitologiia 1 no 6'707-713 N-D '59.

Significance of thermophilic properties in the classification of actinomycetes. A.E.Kosmachev. Mikrobiologiia 28 no.6;938-943 N-D '59.

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS

Distribution of phosphorus between metal and slag considering ionic and covalent bonds in slag compounds. N.M.Chuiko. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.2;26-36 Mr-Ap '60.

ACTIVITY PROGRAMS IN EDUCATION

Let's strengthen the ties between theoretical and practical work. I.A.Kairov. Rad.shk 38 no.12;31-34 D '59

Makarenko and our schools. Borys Khandros. Dnipro 33 no.12;125-130 D '59.

ACTORS see subdivision under China

ACTORS, AMERICAN—CORRESPONDENCE, REMINISCENCES, ETC.

Vl.I.Nemirovich-Danchenko and cinema art in the United States. N.Leont'evskii. Isk.kino no.12,138-146 D '59.

ADAPTATION (BIOLOGY)

Thermal adaptations in infusorians. Report No.2: Changes in the heat and cold resistance of Paramecium caudatum during cultivation at low temperatures. IU.I.Polianskii. TSitologiia 1 no.6:714-727 N-D '59.

ADENINE

Synthesis of some adenine derivatives. S.E.Manoilov and others. Dokl.AN SSSR 131 no.5;1174-1176 Ap '60.

ADENOSINETRIPHOSPHATASE

Changes in the activity of adenosinetriphosphatase in lodged oatstems due to the effect of heteroauxin. N. S Turkova, R. Berner. Nauch. dokl. vys. shkoly, biol. nauki no 2 140-143 '60

ADENOSINETRIPHOSPHORIC ACID

Adenosinetriphosphoric acid as a factor characterizing biochemical processes in the refrigeration treatment of fish L I Pershina Trudy LTIKHP 15:74-80 '58

Some changes in the adenosinetriphosphoric acid content and in succinic dehydrogenase activity of Filatov's flap during its formation and migration [with English summary in appendix] A V. Gor'kova Ortop, travm. i protez. 20 no 11:33-36 N '59

ADHESION

Apparatus for evaluating adhesive properties of greases. D. V Faerman Zav lab no 11:1396 '59

Studies in boundary friction and adhesion, made with the purpose of elucidating the interaction of highly dispersed particles. Part 2: Effect of cations on the adhesion of quartz disks [with summary in English]. G. I. Fuks, N. I Kaverina. Koll. zhur. 21 no. 6 718-730 N-D '59.

ADHESIVES

Experience in pasting seams in the clothing industry L. N. Pankova, V. G. Fedeniuk Shvein. prom. no. 6.30-31 N-D '59.

ADIPIC ACID

Acidity constants of diastereoisomeric tetrahydroxyadipic acids and their monolactones. L. A. Mai Zhur. ob khim. 30 no. 4:1091-1096 Ap '60.

Direct vinylation of adipic acid. A. M. Shur, B. F. Filimonov Zhur prikl. khim. 32 no 8:1880-1883 Ag '59.

Synthesis of mixed and acid esters of adipic acid. N. V. Komarov, I. L. Kotliarevskii. Zhur. prikl. khim. 32 no. 12:2826-2828 D '59.

ADLER DISTRICT—ANTIQUITIES

New monument of cultural relations in the Caucasian Black Sea region during the Neolithic Period and Bronze Age, based on findings of the Vorontsovskaya cave dwellings. L N. Solov'ev. Trudy Abkh. inst. iaz., lit. i ist. 29:135-184 '56

ADMINISTRATION, AGRICULTURAL see Agricultural administration

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE REMEDIES

Strictly observe state discipline M D'eur Komm Mold 4 no 11 11-17 N '59

ADOPTION

About little Galia from Lugansk. Sem'ia i shkola 14 no. 12:11 D '59.

ADRENAL CORTEX

Functional state of the hypophysis-adrenal cortex system as a criteria of action of low-intensity chemical factors [with summary in English] E I Spynu Gig i san 24 no 11, 26-31 N '59.

Interrelation between central nervous system function and adrenal cortex in patients with the hyperthyroid form of goiter M P. Cheren'ko, A. N Liul'ka Vrach delo no 11:1169-1172 N '59.

Lipids of the adrenal cortex under normal conditions and in hypertension. M. P. Andreeva. Dokl. AN SSSR 132 no. 2:450-452 My '60.

ADRENALINE

Influence of adrenaline on intraocular pressure and on the elastotonometric curve in healthy rabbits and in rabbits with tetraethyl lead intoxication [with summary in English]. Z. M. Skripnichenko. Oft. zhur. 14 no 8:493-495 '59.

Influence of small doses of adrenaline on coronary circulation in hypertension patients R. I. Mikunis. Vrach delo no. 11 1209-1211 N '59

ADSORBENTS

Adsorption properties of calcium monosilicate. T. V. Krmoian, G I. Mikaelian. Trudy Inst. khim. AN Azerb. SSR 17:27-37 '59.

Characteristics of the porosity of natural adsorbents. G. V. TSitsishvili, Trudy Inst. khim. AN Azerb. SSR 17: 5-8 '59.

ADSORPTION

Adsorption equilibrium and kinetics in the interaction of atoms adsorbed on a metal through the surface electron gas [with summary in English] L I. Krishtalik. Zhur fiz. khim. 33 no 12:2729-2731 D '59

Adsorption of vapors on adsorbents with uneven surfaces. [illegible] No. 1: Experiments with silica gels whose hy- [illegible] groups are partly replaced with fluorine atoms. [illegible] ubinin and others. Izv. AN SSSR Otd. khim. nauk [illegible] Ap '60.

[illegible] he activation energy on the relative adsorp- [illegible] d. A. E. Agronomov, A. A. Balandin, IU. S. [illegible] Dokl. AN SSSR 131 no. 5:1120-1122 Ap

Exchange-adsorption equilibrium on cellulose materials G. M Skurikhina, V I IUr'ev Izv vys ucheb zav, les zhur. 2 no 6 139-146 '59

ADULT EDUCATION

(see also subdivision under China, Hunan Province)

Chumak, A A. [Red corner of a shop] Krasnyi ugolok tsekha. [Moskva] Izd-vo VTsSPS, Profizdat, 1958. 68 p.

Role of scientists in disseminating political and scientific knowledge Vest. AN Kazakh SSR 15 no. 12 97-98 D '59.

Section of the superintendents and principals of schools for young workers and farmers Rad shk 38 no 12: 61-62 D '59.

Svobodin, A. P. [People's universities of culture] Narodnye universitety kul'tury. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 38 p.

ADVERTISING, PICTORIAL see Posters

ADYGE—SOCIAL LIFE AND CUSTOMS

On the ethnographical descriptions in Sh. B. Nogmov's "History of the Adyge people". B. A. Gardanov. Krat. soob. Inst. etn. no. 32:8-17 '59.

ADYGE LANGUAGE—AFFIXES

Concerning the survival of the affix "A" in the Adyge languages, preliminary report K. S Shakryl. Trudy Abkh. inst iaz., lit i ist. 29 313-314 '58.

ADZHAR A. S. S. R.—WOMEN IN PUBLIC LIFE

Ketevan I. Zaitsev. Sov. deput. trud. no. 12:80-85 D '59

AERATION OF SOILS see Soil aeration

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAMMETRY

(see also subdivision under Arctic regions; Siberia, Eastern)

Universal intersection in case of rigorously transformed projective pencils of rays. F. V. Drobyshev. Trudy MIIGAIK no. 22:33-36 '56.

Use of aerial methods in oceanographic research. N. N. Lazarenko. Trudy GOIN no. 37.85-93 '59.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMICS

Coefficients c_y and m_z for a combination of two slender bodies of revolution B. N Aleksakhin Izv vys ucheb zav., av tekh. 2 no. 4:3-13 '59

Gas flux around axisymmetrical shaped bodies and limited by flat walls. R. I. D'iakonov. Izv. vys. ucheb. zav.; energ. 2 no. 11:108-114 N '59.

Ostoslavskii, I. V., and T. A. Grumondz. [Relationship between the wing lift and the characteristic of flow in a boundary layer] O sviazi mezhdu pod"emnoi siloi kryla i kharakterom techeniia v pogranichnom sloe. Moskva, Gos. izd-vo obor. promyshl, 1959. 51 p. (Moscow, Aviatsionnyi institut, Trudy, no. 118)

AERODYNAMICS, SUPERSONIC

Approximate calculation of the bow wave in front of a cylindrical body having a duct in a supersonic flow. B. S. Vinogradov Izv vys. ucheb. zav., av. tekh 2 no 4:155-160 '59.

Bodies with minimum wave drag. V. N. Zhigulev, IU. L Zhilin. Prikl. mat. i mekh. 23 no. 6:1019-1029 N-D '59.

Computing methodical correction of the composite speed indicator during supersonic flights G F Molokanov Vest. Vozd Fl no 12 77-78 D '59

Defining more precisely the theory of a slender body applied to a supersonic flow past bodies of revolution at the angle of attack. N P. Korobeinikov. Izv. vys. ucheb. zav., av tekh 2 no 4:26-31 '59.

Flight limitations of supersonic planes N. I Listivin. Vest. Vozd Fl. no 12.61-65 D '59.

High-speed supersonic flow of a viscous heat-conducting gas past a cone. V. V. Lunev. Prikl. mat. i mekh. 23 no. 6:1006-1018 N-D '59.

AERONAUTICAL RADIO STATIONS

Automatically controlled corridor radio-range stations. D. Lubchenko. Grazhd. av. 16 no. 9:20-21 S '59.

AERONAUTICAL RESEARCH

The most advantageous evolutions of flying crafts with variable mass in a vertical plane. G. F Sivkov. Izv. vys. ucheb. zav.; av. tekh. 2 no. 4:52-63 '59.

AERONAUTICS

(see also subdivision under Bryansk; France; Saratov; Stavropol)

At the head of aeronautical progress A. N. Tupolev, A. A Arkhangel'skii. Vest. Vozd Fl no. 12:8-13 D '59.

Facts, events, people. Kryl. rod. 10 no. 11:12-13 N '59.

Facts, events, people. Kryl. rod. 10 no. 12:10-11 D '59.

Give me the name of your friends. T. Kopylova Grazhd. av 16 no 12 14-15 D '59

Important event in the All-Union Volunteer [illegible] the Assistance to the Army, Air Force, and [illegible] N. Kulakov Kryl. rod. 10 no. 11:6 N '59

In the Aeronautical Sports Commission [illegible] no. 12 26 D '59.

In the International Aeronautic Federation [illegible] 10 no. 11:17 N '59.

AERONAUTICS—ACCIDENTS

Karnik, A. Sh. [Mystery of "Kashmir Princess" [illegible] Translated from the English] Taina "Printsessy [illegible] mira." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 60 p.

AERONAUTICS—CONGRESSES

Scientific-technical conference at the Khar'kov [illegible] of Aeronautics V K Zolotukhin Izv vys [illegible] av tekh 2 no. 4:161-165 '59

AERONAUTICS—PERIODICALS

For automobile and airplane amateur constru[illegible] tekh. 4 no. 11:39 N '59.

AERONAUTICS—SAFETY MEASURES

Detect discrepancies, not hide them. N. [illegible] av. 16 no. 9:24 S '59

Eliminate factors leading to accidents [illegible] Grazhd. av 16 no. 9 24 S '59.

AERONAUTICS—STUDY AND TEACHING

(see also subdivision under Leningrad, Odessa

Closer to practice L. Aleksandrov Grazhd [illegible] no 12 12-13 D '59

The first university is open IU. N Nechae[illegible] Vozd Fl no 12 59-60 D '59

New instruction techniques B Pugano[illegible] 16 no 12 7 D '59

AERONAUTICS, COMMERCIAL

(see also subdivision under United States)

Cargo and mail should be delivered without [illegible] av 16 no 12 1 D '59

Decisive direction. Grazhd. av. 16 no. [illegible]

Foreign aeronautical news. Grazhd. av. 16 [illegible] '59.

In foreign lands Grazhd av 16 no 12 [illegible]

It's better to go by plane. Ukraina no. [illegible]

Saving six million rubles. N. Kurochkin. [illegible] no. 9:18-19 S '59.

AERONAUTICS IN AGRICULTURE

(see also subdivision under Ukraine)

History of aerial mist spraying. G I [illegible] rast ot vred i bol. 4 no 3 63 My-Je '59

AERONAUTICS IN FISHING

Aeronautics in fishery research and fishing [illegible] A. P. Golenchenko. Biul. Okean kom. [illegible]

AERONAUTICS IN FORESTRY

Aviation comes to the rescue. E. Antrolep[illegible] ko. Pozh. delo. 5 no. 12:17-18 D '59

AERONAUTICS IN SURVEYING

New methods for aerial observation of [illegible] ditions. V. V. Betin, S. V. Zhadrinskii, [illegible] Trudy GOIN no. 37:205-230 '59.

AEROSOLS

Aerosols in the orchards of Daghestan. [illegible] Zashch rast ot vred. i bol. 4 no 3 [illegible]

Air-jet ultracentrifuge and aerosol generator [illegible] uses in science and practice [with summary [illegible] V. Chizhinskii, IA. Koloushek, Koll. zhur. [illegible] 739-746 N-D '59.

Attaching an aerosol generator to the spraying [illegible] A V Butyrin, N M Zhurov, N. M Evstifee[illegible] rast. ot vred i bol 4 no. 3 21-23 My-Je [illegible]

Crystallization of aluminum aerosols. M IA [illegible] Eremina, IU. I. Petrov. Zhur tekh. fiz. 29 [illegible] 1407-1411 N '59.

Methods of calculating a tower for the [illegible] coagulation of aerosols in a liquid disperse[illegible] Podoshevnikov, B. D. Tartakovskii. Khim[illegible] 527-528 S '59.

Prechistenskii, S. A. [Centrifugation of aer[illegible] centrifugal rotating dust collector] TSentrif[illegible] aerozolei v TsRP (tsentrobezhnom rotatsi[illegible] pyleotdelitele). Moskva, Izd-vo glav. upr. [illegible] zovaniiu atomnoi energii pri Sovete Minist[illegible] 1960. 143 p.

Results of investigating natural aerosols over [illegible] regions of the U. S. S. R. A. G. Laktionov. [illegible] SSSR. Ser. geofiz. no. 4:566-574 Ap '60

AESTHETICS

Classical criticism of culture and decadence [illegible] ("Classical cultural criticism and the [illegible] cadence" [in German] by Horst Redeker. [illegible] S. M. Permiakov). Vest. ist. mir. kul't. [illegible] N-D '59.

Criticism of present-day bourgeois aesthetics [illegible] Mirzoeva. Trudy Sekt. filos AN Azerb. SSR [illegible]

AESTHETICS (Continued)

The green tree of life. Nikolai Silaev. Oktiabr' 36 no 11 181-194 N '59

In spite of sense and reason. I. Astakhov. Neva no. 10· 197-202 '59

New work in the field of aesthetics ("Talent and the people" by M. Shamota. Reviewed by H K. Sydorenko). Rad. lit. no. 6·142-145 N-D '59.

AESTHETICS—STUDY AND TEACHING
(see also subdivision under Kuybyshev)

Elucidate more clearly the problems of aesthetic education. M. P. Baskin. Lit. v shkole 20 no. 6,76-77 N-D '59

Section of aesthetic training. Rad. shk. 38 no. 12·59-61 D '59

AFFORESTATION
(see also subdivision under Gorkiy Province)

Problems of soil cultivation in the afforestation of mountainous areas I I. Khanbekov. Les. khoz. 12 no. 12,31-37 D '59

AFGHANISTAN—FOREIGN ECONOMIC RELATIONS

The fruits of friendship [with English summary in insert]. D. Degtiar' Sovr Vost no. 4:37 Ap '60.

AFGHANISTAN—POLITICS AND GOVERNMENT

Shāhvalī. [My memoirs, translated from the Persian] Moi vospominaniia. Moskva, Izd-vo inostr. lit-ry, 1960. 100 p.

AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN

From a position of friendship. V. Spandar'ian. Sov. Soiuz. no 1 30-31 '60.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos 1-2 '60.

AFRICA—COLONIES

Lenin and Africa [with English summary in insert]. I. Potekhin Sovr. Vost. no 4·42-44 Ap '60.

AFRICA—DISCOVERY AND EXPLORATION

Visits of Cheng Ho's marine expeditions to African countries at the beginning of the 15th century. A. A. Bokshchanin. Vest. ist. mir. kul't. no. 6,87-96 N-D '59.

AFRICA—FOREIGN ECONOMIC RALATIONS—RUSSIA

Lenin's principles of Soviet economic policy in relation to the independent countries of the East [with summary in English]. L. V. Stepanov Probl. vostokoved. no. 2· 29-38 '60

AFRICA—FOREIGN RELATIONS

New role of the eastern countries on the international stage. V. Nikhamin. Mezhdunar. zhizn' 7 no. 5:49-58 My '60.

AFRICA—POLITICS

Africa forges ahead [with English summary in insert]. V. Kudriavtsev. Sovr. Vost. no. 1 45-48 Ap '60.

African students and African unity. Vsem. stud. nov. 13 no 12·19-21 D '59.

The Bandung Conference and the growing solidarity of the Afro-Asian countries in the struggle against colonialism [with summary in English]. A. E. Efremov. Probl. vostokoved. no. 2:39-45 '60.

The history of Africa in a new light ("A study of black Africa's political problems" [in French] by Majhemout Diop. Reviewed by N. Gavrilov). Sovr. Vost. no. 4:55-56 Ap '60.

The spirit of Bandung triumphs. N. Khokhlov. Sovr. Vost. no. 4:40-41 Ap '60.

"We want to be free." Jack Woddis. Vsem. prof. dvizh. no. 6:28-31 Je '59.

What will they do after winning their independence? Jack Woddis. V pom. polit. samoobr. 3 no. 12:44-53 D '59.

AFRICA—PORTUGUESE COLONIES

Lights in the realm of darkness. S. Valiev. Sovr. Vost. no. 4:60 Ap '60.

AFRICA, UNION OF SOUTH see South Africa, Union of

AGAPA VALLEY—PALEONTOLOGY

Quantitative characteristics of marine faunal complexes in the Sanchugovka and Kazantsova strata of Quaternary deposits in the northern part of the Yenisey Valley. S. L. Troitskii. Sbor. st. po paleont. i biostrat. no. 12:80-93 '58.

AGE

Study of age-specific reactivity of barbiturates [with summary in English]. I. V. Markova. Fiziol. zhur. 45 no. 12:1484-1488 D '59.

AGED—DWELLINGS

Development of social insurance organizations. Sots. obsep. 20 no. 12:23-26 D '59.

"Pensioners inspect an old-age home." A. Timonin, S. TSvetkov, Kh. Gavrilov, Sots. obsep. 20 no. 12:59-60 D '59.

AGEENKOV, VASILII GORDEEVICH, 1893-1959

Vasilii Gordeevich Ageenkov, an obituary. TSvet. met. 32 no. 11,81-82 N '59.

AGING—BIBLIOGRAPHY see Bibliography—Aging

AGGLUTINATION

Effect of antibacterial substances on the electrophoresis rate of microbes E V Stakhouski Vestsi AN BSSR Ser biial nav no 4 115-121 '59.

AGGREGATES

Completeness theorem for a class of automatons having no feedback. V. B. Kudriavtsev. Dokl. AN SSSR 132 no. 2:272-274 My '60.

Local duality theorems. L. R. Rukhadze. Dokl. AN SSSR 131 no. 6 1257-1260 Ap '60

Representation of generalized heaps [with summary in English] V V Vagner Ukr mat zhur 11 no 3 231-242 '59

Studying sets of limited curvature by means of isothermal coordinates IU G Reshetniak Izv Sib. otd AN SSSR no 10 15-28 '59

AGGREGATES (BUILDING MATERIALS)—STORAGE

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Effective types of yards for storing aggregates at precast reinforced concrete plants] Effektivnye tipy skladov zapolnitelei predpriiatii sbornogo zhelezobetona. Moskva, Gosstroiizdat, 1960. 91 p.

AGGRESSION (INTERNATIONAL LAW)

Disarmament and the problem of aggression. E. Korovin. Mezhdunar. zhizn' 7 no. 5·114-117 My '60.

AGILITY see Motor ability

AGRICULTURAL ADMINISTRATION
(see also subdivision under Mamlyutka District)

"Importance of leadership"; collection of articles. Reviewed by A. Pikin. Ekon. sel'khoz. 30 no 8:113-115 D '59.

Specialization and concentration of agricultural production. G. Vorob'ev. Vop. ekon. no. 5·3-16 My '60.

AGRICULTURAL CHEMISTRY
(see also subdivision under China; Ukraine)

"History of agricultural chemistry in the U. S. S. R." by A. V. Sokolov. Reviewed by L. I. Balashev. Pochvovedenie no. 11·121-123 N '59.

Let's raise the standards of agricultural chemistry. A. V. Peterburgskii Ud. i ur 4 no. 12 3-6 D '59

AGRICULTURAL COURTS AND PROCEDURE see subdivision under Perm Province

AGRICULTURAL CREDIT

Issuing credit to collective farms. E. Ruzanov, V. Andreev, A. Kolesnichenko. Den. i kred. 18 no. 4:58-62 Ap '60

Issuing credit to state delivery organizations for advancing money to collective farms. L. Bulochkina, Ch. Gleizer. Den. i kred. 18 no. 4:39-42 Ap '60

AGRICULTURAL EDUCATION

Actual practice is the basis of learning. P. V. Voloshyn. Mekh. sil'. hosp. 11 no. 1,11-12 Ja '60 .

Agricultural specialists are improving their qualifications. A. N. Shibalov. Zemledelie 8 no 1·10-12 Ja '60.

AGRICULTURAL EXHIBITIONS see subdivision under Moscow; Tyumen

AGRICULTURAL EXPERIMENT STATIONS see subdivision under Minusinsk District

AGRICULTURAL LABORERS
(see also subdivision under Kazakhstan)

Attaching a permanent labor force to the virgin-land state farms of Kazakhstan. N. Mel'nikova. Nauch. dokl. vys. shkoly, ekon. nauki no. 4:150-158 '59.

Creating permanent labor force on virgin-land state farms. N. Mel'nikova. Ekon. sel'khoz. 30 no. 8:87-91 D '59.

The lass from the "Kliuchevoi" State Farm. V. Popravko Sov. Kazakh. 25 no. 5·75-80 My '59

Three suns V. Filinskii Sov. Kazakh 25 no. 5:81-93 My '59.

AGRICULTURAL LAWS AND LEGISLATION
(see also subdivision under Uzbekistan)

[Collection of the most important decisions on agriculture] Zbirnyk naivazhlyvishykh rishen' po sil's'komu hospodarstvu. Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 111 p.

For a proper implementation of laws. G. Starodubtsev. Sov. iust. no. 12:48-51 D '59.

AGRICULTURAL LIBRARIES

Conference and seminar of library workers of agricultural research institutions. A. Bochever. Vest. sel'khoz. nauki 4 no. 11,151-153 N '59.

AGRICULTURAL MACHINERY
(see also subdivision under Germany, East; Kazakhstan)

About some obsolete indices. E. Diviatisil'nyi. Tekh. v sel'khoz no. 1:28-29 Ja '60.

Actual practice is the basis of learning. P. V. Voloshyn. Mekh. sil'. hosp. 11 no. 1,11-12 Ja '60.

Automatic limiter for the hole digging machine. V. G. Kiselev. Sad i og. 97 no 11 74 N '59.

Being more economical in the use of agricultural machinery is one of the most important tasks of the seven-year plan [with summaries in English, German, and French] A. I. Selivanov. Vest. sel'khoz. nauki 4 no. 11,80-89 N '59.

Determining parameters and types of hitches in cultivating orchard soils [with summaries in English, German, and French] V G Gerasimchik Vest sel'khoz. nauki 4 no. 12 100-108 D '59.

IAchmentsova, E. I. [Collective farm equipment on collective farm fields] Kolkhoznaia tekhnika na kolkhoznykh poliakh. [Moskva] Mosk. rabochii, 1959. 47 p. (DA)

Increasing the operating speed of tractor-driven machinery and tasks of science V. N. Boltinskii. Mekh. i elek. sots. sel'khoz. 17 no. 6 5-6 '59.

Items from technical information bulletins of economic councils A M Kadnshevich Trakt i sel'khozmash no 1 48-3 of cover Ja '60.

KNSh-3, 6 mounted rod weeder B. V Sopov Trakt. i sel'khozmash no 1 39 Ja '60.

Kukta, H. M., ed. [New agricultural machines] Novi sil's'kohospodars'ki mashyni. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 231 p.

Let's provide collective farms with first-class machinery P Honcharenko Nauka i zhyttia 9 no 5 24-27 My '59

Machine for covering silage trenches G. Netkachev. Tekh v sel'khoz 20 no 1:36-37 Ja '60.

Machinery for preliminary operations in growing vegetables in greenhouses and hotbeds. V. A. Korbut. Biul. tekh.-ekon. inform. no. 11:64-67 '59.

Machinery for the drainage and reclamation of swamps. R. Toretskii. Tekh v sel'khoz. 20 no. 1,17-21 '59.

Machinery used in the control of sugar beet pests E D Kreminskaia Trakt i sel'khozmash no 1 17-19 Ja '60

Made on conveying units in 1960. V. I. Voronez'kyi. Mekh. sil'. hosp. 11 no. 1:3 Ja '60.

Make better use of agricultural machinery on collective farms I I. Kolesnik Len i konop 4 no 11 37-39 N '59

Making the work on steep slopes easier. H. A. Tyshchenko. Kolh. Ukr. 6 no. 12·12 D '59.

Maneuverability of wheeled tractor and agricultural machinery units S. A Iofinov, V L Berezovskii Trakt. i sel'khozmash no. 1 8-12 Ja '60

Mechanical hands cultivate corn hills. Z. Shaidoukov. Nauka i pered. op. v sel'khoz. 9 no. 12:24-29 D '59.

Mechanization as means of lowering the cost of hemp. A. P. Pillaev, V. I Ovsiannikov Len i konop 4 no 11 21-23 N '59.

Mechanized cultivation of corn ("Manukovskii's practices in corn growing" by Rzhaksenskii, Petrov, and Bulkovich. Reviewed by L. Guseva). Sel'. mekh. no. 12:41 '59.

More about calculating the norms for amortization. Tekh v sel'khoz 20 no 1 96 Ja '60

Motors that are never idle. Tekh. mol. 27 no 12:11 '59.

Necessity and importance of differentiated production norms. A. I. Khludenev. Sad i og. 97 no. 11,9-13 N '59.

New agricultural machinery to be mounted on tractors. A. S. Naumov. Sel'khoz. Povol. 5 no. 11:65-69 N '59.

A new edition of the textbook "Utilization of machinery and tractors" by B. S. Svirshchevskii. Reviewed by G. V. Vedeniapin. Mekh. i elek. sots. sel'khoz. 17 no. 6.60-61 '59.

New machinery for collective and state farms. S. O. Karpenko. Kolh. Ukr. 6 no. 12:10-12 D '59.

New mounted machines. D. IAkovlev. Ekon. sel'khoz. 30 no. 8:64-67 D '59.

The over-all mechanization of all branches of collective farms. N. Manukovskii, V. Petrov. Ekon. sel'khoz. 31 no. 1:61-67 Ja '60.

PPR-1, 6A pickup round baler. V. V. Belozor Trakt. i sel'khozmash. no. 1,33-35 Ja '60.

Seedling conveyor. A. Eseneva. Tekh. mol. 27 no. 12·23 '59.

Self-sharpening blades of rotary cultivators. V. Sal'nikov. Tekh v sel'khoz. 20 no. 1 47-50 Ja '60.

Undivided funds are the basis of the consolidation of the collective farm material base. D. Pravdin. Ekon. sel'khoz. 30 no. 8:77-80 D '59.

Useful advice. Tekh. v sel'khoz 20 no. 1·93 Ja '60.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—ELECTRIC DRIVING

Economic indicators of modern electrically driven mobile agricultural machinery. S. V. Shchurov. [Nauch. trudy] VIESKH 3:186-197 '58.

AGRICULTURAL MACHINERY—HYDRAULIC EQUIPMENT

Hydraulic attachment to tractor-drawn drills. S. Vinnitskii. Tekh. v sel'khoz. 20 no. 1,73-74 Ja '60.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Collective farm engineer. Mykola Onoprilenko. Kolh. Ukr 6 no.12,15-16 D '59.

Good maintenance of machinery guarantees successful work K. P Uzkii. Len i konop 4 no 11 42-44 N '59

Introduce incentives for the maintenance of machinery. V. Greznev. Sel'. mekh. no.12·10 '59.

Machinery should be in reliable hands. I. L. Mednykov Mekh. sil'. hosp. 11 no. 1:6-7 Ja '60.

Maintenance of machinery on the collective farm F. Polupanov Tekh. v sel'khoz. 20 no 1 45-47 Ja '60.

MD-1 washing machine. M. Lapitskii. Tekh v sel'khoz [illegible]

Norms for the repair of agricultural machinery Tekh v sel'khoz 20 no 1 91 Ja '60.

Repair of tractors and other machinery. E. Krolik. Sel'. mekh. no. 12:23-27 '59.

Restoring machinery parts by high-frequency metal spraying I. Kozlov Tekh v sel'khoz. 20 no 1 59-62 Ja '60

Standardized parts and units help to lower the cost of machinery repair. S. Bisnovatyi Tekh v sel'khoz. 20 no 1 56-59 Ja '60

Welding cast iron machinery parts. A. V. Poliachenko. Mekh. i elek. sots. sel'khoz. 17 no. 6·52-53 '59.

Work of repair shops serving several collective farms. A. Mel'nik. Sel'. mekh. no. 12:7-9 '59.

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev Province

AGRICULTURAL MACHINERY—TESTING

Polygons for testing tractors and agricultural machinery F M Detistov Trakt i sel'khozmash no 1 29-31 Ja '60

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Chirchik; Gomel', Poland, Uzbekistan)

Tractor and agricultural machinery industry's achievements in 1959 and tasks assigned for 1960 Trakt. i sel'khozmash no 1·1-2 Ja '60

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL MUSEUMS see subdivision under Baku

AGRICULTURAL PESTS

Brief reports. Zashch rast ot vred. i bol. 4 no 3 54-56 My-Je '59

AGRICULTURAL POLICY

(see also subdivision under Abkhazia, Buryat-Mongolia)

[Collection of the most important decisions on agriculture] Zbirnyk naivazhlyvishykh rishen' po sil's'komu hospodarstvu. Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 111 p.

[Further expansion of agriculture; resolution of the Central Committee of the CPSU, adopted December 25, 1959] O dal'neishem *razvitii sel'skogo khoziaistva;* postanovlenie Plenuma TsK KPSS, priniatoe 25 dekabria 1959 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 23 p.

AGRICULTURAL RESEARCH

(see also subdivision under India, Novosibirsk Province; Stavropol Territory; Ukraine)

Tasks of agricultural science and its relation to practice. D. D. Brezhnev. Vest. sel'khoz. nauki 4 no. 11:119-122 N '59.

AGRICULTURE

(see also subdivision under Archangel Province; Brest Province; Central Black Earth region; China; Dvadtsati Vos'mi Gvardeytsev District; Enbekshi-Kazakhskiy District; Gorno-Badakhshan Autonomous Province; Ilovinskaya District; India; Kamenets District; Kazakhstan; Khoyniki District, Kiev Province; Krasnodar Territory, Kulunda Steppe; Leningrad Province; Lipkany District; Moscow Province, North Kazakhstan Province; Orenburg Province, Perelyub District; Pokrovka District; Polesye; Rumania; Ryazan Province; Saratov Province; Slovechno District; Smolensk Province; South Kazakhstan Province; Spain; Starokazach'ye District; Tajikistan; Tatar A. S. S. R.; Transcaucasia, Ukraine; Uzbekistan; Vinnitsa Province, Volga Valley; White Russia)

Advanced practices are our priceless treasure. Makar Posmitnyi. Sov pech. no 12,98-100 D '59

Bonus awards for workers of agricultural enterprises and organizations. I. Shabodo. Sots. trud 4 no. 7;133-137 Jl '59.

Encourage efficiency improvements. G. Drozdov. Nauka i pered. op. v sel'khoz. 9 no. 12,9 D '59

For close cooperation between agricultural economists of the socialist camp. N. Batova. Vest. sel'khoz. nauki 4 no. 12;146-119 D '59.

cetings" by V. Poliakov. Reviewed by M. Rubtsov. hoz. *31 no. 1:116-119* Ja '60.

youth's participation in rendering land arable, 1954-1956. Ist. SSSR 3 '59.

Let's campaign for an abundance of farm products. Agitator no 1 3-7 Ja '60.

The most important problem facing our agriculture is to increase the production of grain in every possible way A Romanchenko V pom polit samoobr 3 no 12·10-20 D '59

Put into effect the resolutions of the Central Committee of the Communist Party of the Soviet Union! Tekh v. sel'khoz 20 no 1 4-6 Ja '60

Rational planning of administrative branches of agriculture I T Beliaev Trudy LTIKhP 15·196-212 '58.

Reaching the second year of the seven-year plan in 1960. Kolh. Ukr. 6 no. 12 1-2 D '59.

The road into the future Ogonek 38 no. 1·1-2 Ja '60.

Soviet agriculture in 1958 A Z Arkhimovich Vest. Inst po izuch SSSR no 3 5-17 Jl-S '59

Students' contribution to agriculture. IUn. tekh. 4 no. 11.25-27 N '59.

Towards new achievements in agriculture Tekh v sel'khoz. 20 no 1 1-3 Ja '60

Towards new achievements in the second year of the seven-year plan! Nauka i pered. op. v sel'khoz. 9 no. 12·1-4 D '59.

Towards new victories of socialist agriculture Zemledelie 8 no 1 3-9 Ja '60

Utilize more fully hidden potentialities in agriculture. Ekon. sel'khoz. 31 no. 1 3-10 Ja '60

[You gave your word; keep it!] Dal slovo - sderzhi! [Leningrad] Lenizdat, 1959. 84 p.

AGRICULTURE—ACCOUNTING

Brief news. D. S. Bidenko and others. Uchet i fin. v kolkh. i sovkhoz 17 no. 2:62-63 F '60

Brief news Uchet i fin v kolkh i sovkhoz 16 no 12 59-60 D '59

Prepare for the annual summing up ahead of time. Uchet i fin. v kolkhoz i sovkhoz 16 no. 11 2-4 N '59

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—COSTS

Increasing labor productivity and reducing production costs is an urgent task of agriculture. Ekon sel'khoz. 30 no. 83-11 D '59

Not keeping in touch with life ("Production costs on collective farms", collection of articles by S S. Sergeev, N. I. Sineva. Reviewed by M. Terent'ev). Ekon. sel'khoz. 31 no. 1:120-123 Ja '60.

AGRICULTURE—ECONOMIC ASPECTS

(see also subdivision under Kazakhstan, Magadan Province; Perm Province; Thailand)

Competition for a popular textbook "Economics of socialist agriculture" for students of economic principles Vop. ekon. no 5,158-159 My '60.

Conference of agricultural economists of the people's democracies. Ekon. sel'khoz 30 no. 8.101-103 D '59.

How to determine the effectiveness of expenditures according to various crops and branches of farming. I. Zhuiko. Nauka i pered op. v sel'khoz. 9 no 12·66-68 D '59

New books. Ekon. sel'khoz. 31 no. 1:126 Ja '60.

Rewards for economizing on working expenses. V. I. Medvedko, H. A. Fedchenko. Kolh. Ukr. 6 no. 12·5-6 D '59.

Scientific and Practical Conference on the Economics of Agriculture in Socialist Countries. V. I. Spiridonov, N. A. Cherviak. Sel'khoz. Povol. 5 no. 11:92-93 N '59.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EQUIPMENT AND SUPPLIES

Homemade agricultural devices. IUn. tekh. 4 no. 11,51 N '59.

AGRICULTURE—FINANCE

Eliminate deficiencies in the work of revaluating capital assets. N. K. Nikol'skii. Uchet i fin. v kolkh. i sovkhoz. 16 no. 12 19 D '59.

Fulfill the financial plan of 1960. Uchet i fin. v kolkh. i sovkhoz 17 no. 2;2-4 F '60

AGRICULTURE—LABOR PRODUCTIVITY

Analysis of labor utilization indices in annual reports of collective farms D I Dumnov. Uchet i fin v kolkh i sovkhoz. *16 no 12 35-40 D '59.*

Computing labor productivity for each economic unit. E. B. Khlebutin. Uchet i fin v kolkh i sovkhoz. 16 no. 12 40-42 D '59.

Increasing labor productivity and reducing production costs is an urgent task of agriculture. Ekon. sel'khoz. 30 no. 8;3-11 D '59.

AGRICULTURE—MAPS

The earth is being rediscovered. Nadezhda Chepurko. Vokrug sveta no 1 39-41 Ja '60.

AGRICULTURE—PRODUCTION STANDARDS

Establishing technical standards for tractor work. F. Gavrilov. Ekon. sel'khoz. 31 no. 1:73-76 Ja '60.

Introducing technically based production standards for tractors. G Kalpin. Ekon sel'khoz. 30 no. 8;60-63 D '59

AGRICULTURE—SAFETY MEASURES

Public safety inspectors on collective farms. Sel'. mekh. no. 12:22 '59.

AGRICULTURE—STATISTICS

(see also subdivision under Yakutia)

Great advantages of the socialist economic system ("National economy of the U. S. S R. in 1958"; statistical yearbook. Reviewed by D. IAkushkin). Ekon sel'khoz. 30 no. 8 109-112 D '59.

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Michurinskoye; Stavropol Territory)

Confusion during field work. L. Gubanov. Prof.-tekh. obr. 16 no 12;6 D '59.

Experiment in combining education with productive work in rural schools. A. G. Zaionchkovskii. Sov. pedag. 24 no. 1·45-55 Ja '60.

AGRICULTURE—TAXATION see subdivision under North-Western Provinces

AGRICULTURE—TECHNOLOGICAL INNOVATIONS

Over-all mechanization leads to abundance S Mel'nikov *NTO no 11,15-17 N '59*

AGRICULTURE, COOPERATIVE

(see also subdivision under China; Ossetia)

Bulatov, I. G. [Cooperation and its role in the preparation of massive collectivization] Kooperatsiia i ee rol' v podgotovke sploshnoi kollektivizatsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 199 p.

AGRICULTURE, COOPERATIVE—ACCOUNTING see subdivision under Bulgaria

AGRICULTURE, PRIMITIVE

On the origin of agriculture and its primitive forms IU F Novikov. Sov arkheol no 4 29-41 '59

AGRICULTURISTS see subdivision under China

AINI, SADRIDDIN, 1878-

Braginskii, I. S. [Life and works of Sadriddin Aini] Zhizn' i tvorchestvo Sadriddina Aini. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 197 p.
(NNC)

AIR—BACTERIOLOGY

Some problems in methods of sanitary microbiological studies on the air of living quarters [with summary in English] *A I Shafir Gig i san 24 no 11 7-12* N '59

AIR—POLLUTION

Air pollution by acetone in the vicinity of acetate silk plant IU. G. Fel'dman. Gig. i san. 24 no. 12,60-63 D '59

Contamination of reception rooms of children's nurseries with vapors of metallic mercury N F Fomin, E G Maliarenko Gig. i san 24 no 11 74-76 N '59

Effect of city air pollution on the health of the public. R. A. Babaiants. Vest. AMN SSSR 14 no. 12;3-12 '59.

International symposium on the maximum permissible concentrations of toxic substances in industry Z. B Smelianskii Gig. i san. 24 no 11,60-65 N '59

Permissible concentrations of poisonous gases, vapors, and dusts in the air of work shops Gig i san 24 no 11 90-92 N '59

Vitamin C in the organism and its relation to air pollution by wastes from synthetic chlorophene rubber plants. M. K. Khachatrian. Gig. i san. 24 no. 12:3-6 D '59.

AIR—PURIFICATION

New apparatus for removing industrial gases and other contaminants from air. A. M. Mamedov. Dokl. AN Azerb. SSR 15 no. 11;1067-1070 '59.

AIR, MOISTURE OF see Humidity

AIR COMPRESSORS

Bleikher, I. G., and V. P. Liseev. [Compressor units] Kompressornye stantsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 323 p.

Delivery ratio of a rotary sliding-vane compressor. A. D. Suslov. Izv. vys. ucheb. zav.; mashinostr. no. 4:151-158 '59.

Determining pressures in stages of a piston compressor in case of gas delivery through piston valves. B. M. Ryzhov. Izv. vys. ucheb. zav.; mashinostr. no. 4:43-55 '59.

Graphoanalytic calculation of basic dimensions of a free-piston diesel compressor. N. V. Pul'manov. Izv. vys. ucheb. zav.; mashinostr. no. 4:172-187 '59.

AIR CONDITIONING

Investigation of DTP-1 semiconductor temperature regulators [with summary in English] IU. Davydov, V Zakrevskaia. Khol. tekh. 36 no. 6,21-24 N-D '59.

Use of ice for air conditioning [with summary in English] A Gogolin, V. Bobkov. Khol. tekh. 36 no 6:42-45 N-D '59

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

Air conditioning systems and their equipment E E Karpis Sbor trud NIIST no 2 3-60 '59.

Experience in using air conditioners designed by the All-Union Scientific Research Institute of the Baking Industry. V.V.Mukhin. Khleb. i kond. prom 2 no.5 18-21 My '58.

Experimental investigation of thermal and aerodynamic properties of heating sections in central conditioners I G Senatov Sbor trud NIIST no 2 69-87 '59

Investigating the performance of air-cooling apparatus with paralel and gradual flow of water in pipes. O.IA Kokorin. Sbor. trud NIIST no 2 61-68 '59

New automatic devices for conditioners designed by the All-Union Scientific Research Institute of Sanitary Engineering Equipment IU.S Davydov Sbor trud NIIST no. 2 88-97 '59

AIR CURTAINS

Air screens on outer doors of industrial enterprises L A Glushkov Gig i san 24 no 11 72-74 N '59

Use of an air curtain in bridge painting IU. D Rekhovskii Put' i put khoz no 12 10-11 D '59

AIR DEFENSES

Ivanov, N. N. [Be prepared for defense against aircraft attack] Bud' gotov k PVO. Moskva, Izd-vo DOSAAF, 1959. 123 p.

AIR FILTERS

Concentration and composition of dust in the working air before entering the air filter of the diesel locomotive. L. A. Pivovarov, V N. Sologubov. Trudy MIIT no. 110: 26-47 '59

AIR FILTERS—TESTING

Methods of laboratory testing of diesel locomotive air filters M. G. Makhan'ko, L A. Pivovarov. Trudy MIIT no. 110:48-59 '59.

AIR PILOTS

Each person should be approached in a different way N Savin Grazhd av 16 no 12 5-6 D '59

Why are the results different? M Borisov Grazhd. av. 16 no 12 22 D '59

AIR PREHEATERS

Economic effectiveness of air preheating in shaft furnace smelting of oxidized nickel ores. I. D. Reznik, I. S. Gushchina, A. I. Evdokimenko. TSvet. met. 32 no. 11: 31-32 N '59.

AIR TURBINES

Investigating flow structure in the clearance along the edges of the active arc of a stage with partial feed I K. Terent'ev. Izv. vys. ucheb. zav., energ. 2 no. 11:94-99 N '59.

AIR WARFARE

First-class pilot. IU. Grachev. Kryl. rod. 10 no. 11: 10-11 N '59.

AIRFOILS

Characteristics of a rectangular wing with a geometrical twist at supersonic speeds M. I. Fomina. Izv. vys. ucheb. zav , av tekh. 2 no. 4:139-150 '59.

Ostoslavskii, I.V., and T.A. Grumondz. [Relationship between the wing lift and the characteristic of flow in a boundary layer] O sviazi mezhdu pod"emnoi siloi kryla i kharakterom techeniia v pogranichnom sloe. Moskva, Gos. izd-vo obor. promyshl, 1959. 51 p. (Moscow, Aviatsionnyi institut. Trudy, no. 118)

Solving the wave equation of the problem of flow about a thin nonsymmetrical airfoil. N. M Monakhov. Izv. vys., ucheb. zav., av. tekh. 2 no 4:40-51 '59.

Unsteady motion of a rectangular airfoil. V. A. Kovaleva. Prikl. mat. i mekh. 23 no. 6:1030-1041 N-D '59.

Real causes? No, just lack of concern for flight regularity. N. Klavin. Grazhd. av. 16 no. 9:15 S '59.

AIRLINES—HOSTESSES

Millions that were earned through hard work. T. Bykadorova. Grazhd. av. 16 no. 9:9 S '59.

AIRLINES, LOCAL SERVICE see subdivision under Crimea

AIRPLANE AMBULANCES see subdivision under Bukovina

AIRPLANES
(see also subdivision under Poland)

An-14--"Bee." Grazhd. av. 16 no 9:16 S '59.

Ski chassis on the IAk-18A airplane. L. Sokolov-Sokolenok Kryl. rod. 10 no. 12:9 D '59.

AIRPLANES—BRAKES

This will help in flight organization. IU. A Deniskin. Vest. Vozd Fl. no. 12-78 D '59.

AIRPLANES—COLD WEATHER OPERATION

Attention winter! Z. Belykh Grazhd. av. 16 no 12 2-4 D '59.

AIRPLANES—DESIGN AND CONSTRUCTION

Andreev, V. A., and others. [Using the lofting process in designing contours of an airplane] Raschet i postroenie konturov samoleta na plaze. Pod obshchei red. S. S. Len'kova. Moskva, Gos. izd-vo obor. promyshl., 1960. 490 p.

Applying the principle of over-all interchangeability used in the machinery industry to the construction of airplanes L. A Konorov Izv. vys ucheb. zav ; av. tekh 2 no. 4: 127-131 '59

Birth of an airliner. A. Golikov. Ogonek 38 no. 3:18-20 Ja '60.

AIRPLANES—ELECTRIC EQUIPMENT

Calculation of "two-wire and airplane chassis" electric system with nonsymmetrical loads. A. A. Kovzan. Trudy MAI no 102:74-78 '58.

Electric parameters, and the calculation of the transverse nonsymmetry of the double-wire, three-phase airplane electrical system, "two-wires and chassis." V. N. Istratov. Trudy MAI no 102:43-56 '58.

Electrical parameters of the "two-wire and chassis" system. A. V. Kamenskii Trudy MAI no. 102:57-67 '58.

Method of calculating the "two-wire and airplane chassis" electric system. A. A Kovzan. Trudy MAI no. 102: 68-73 '58

AIRPLANES—HYDRAULIC EQUIPMENT

Jamming of pistons G Nikitin Grazhd av. 16 no 12 27-28 D '59

AIRPLANES—LANDING

Kinematics of the landing of a flying craft on a mobile base. M. Z. Litvin-Sedoi. Izv. vys. ucheb. zav. ; av. tekh. 2 no. 4:87-94 '59.

AIRPLANES—MAINTENANCE AND REPAIR

Continuous maintenance of airplanes. S. Ampilogov, A. Ekhlakov. Grazhd. av. 16 no. 9:21-22 S '59.

Increase the service life of our airplanes V Petukhov, Grazhd av. 16 no 12 17-18 D '59

Lengthen the durability of airplane parts. G. Shkliarov. Grazhd. av. 16 no. 9:20 S '59.

AIRPLANES—MODELS
(see also subdivision under Alma-Ata; Kiev)

Accept our newly set records, motherland! Kryl. rod. 10 no. 11:5 N '59.

Best models of the all-Union competition for 1959. Kryl. rod. 10 no. 11: insert N '59.

Brilliant victory of IUrii Sokolov. A. Ermakov. Kryl. rod. 10 no. 11:25 N '59.

Competing for European championship. E. Kucherov. Kryl. rod. 10 no. 11:26 N '59.

Only the best can win! V. Kumanin, M. Lebedinskii. Kryl. rod. 10 no. 11:27-31 N '59.

AIRPLANES—RADIO EQUIPMENT

Radio equipment in the giant airplane. A. Del'tsov Grazhd. av. 16 no 12 8-9 D '59

AIRPLANES—REFUELING

More about refueling. A. Matvienko, V. Brykalov. Grazhd av. 16 no. 9:28-29 S '59.

AIRPLANES—TURBOJET ENGINES

Seizure of metals in engines. N Gologo Grazhd. av 16 no 12:16-17 D '59

Work distribution along the turbine radius under unrated conditions. O. N. Emin, N. N. Bykov. Izv. vys. ucheb. zav. ; av. tekh. 2 no. 4:95-101 '59.

AIRPLANES—TURBOJET ENGINES—VIBRATION

Interconnected bending vibrations of rotors and shells of gas-turbine engines. K. A Kriukov. Trudy MAI no. 100: 5-59 '59.

AIRPLANES—WINGS

Obraztsov, I. F. [Stability analysis of wing-type shell structures] Metody rascheta na prochnost' kessonnykh konstruktsii tipa kryla. Moskva, Gos. izd-vo obor. promyshl., 1960. 311 p.

AIRPLANES—WINGS, SWEPT-BACK

Aerodynamic features of swept-back wings at great attack angles and high altitudes. M. Gofman. Grazhd. av. 16 no. 9:11-14 S '59.

AIRPORTS
(see also subdivision under Kharkov; Peiping)

Air terminals in cities. L. TSekhanovich, V. Tikhonov. Arkhit. SSSR no. 12:36-38 '59.

AIRPORTS—VISIBILITY see subdivision under Transcaucasia

AKBESHIM (KIRGHIZISTAN)—PETROGLYPHS

Kairak (shingle) with a Turkic drawing from Akbeshim. G. A. Brykina. Krat. soob. IIMK no. 76:112-114 '59.

AKHALKALAKI REGION—SEISMOLOGY—OBSERVATIONS

Seismotectonic characteristics of the Dzhavakhetskoye (Akhalkalaki) Tipland M M. Rubinshtein, A. D. TSkhakaia Trudy Inst geofiz AN Gruz SSR 17:161-175 '59.

AKHTARANDA RIVER—ALLUVIUM

Alluvium transport and deposition in semimountainous river beds of the Vilyuy Basin and its significance in searching for mineral placers. A. D. Armand. Probl. Sev. no. 3:16-23 '59.

AKMOLINSK—HISTORY

Dubitskii, A. F. [Akmola, renowned city; a historical sketch] Akmola - gorod slavnyi, istoricheskii ocherk. Akmolinsk, Obl. izd-vo, 1959. 120 p.
(NNC)

AKMOLINSK PROVINCE—FARM MECHANIZATION

Machinery operators of the wide open spaces of Akmolinsk Province. IA. Velizhanskii. Sel'. mekh. no. 12:11-13 '59.

AKMOLINSK PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Editors help distribute their own newspapers. A. Vinokurov. Raspr. pech. no. 12:22 D '59.

AKMOLINSK PROVINCE—STATE FARMS

Success of a virgin land state farm in fulfilling first year's tasks of the seven-year plan K. I. Fil'tsov, I. A. Bondarovich. Zemledelie 8 no. 1:60-61 Ja '60.

AKMOLINSK PROVINCE—STOCK AND STOCKBREEDING

Skilled workers of the "second virgin land." P. Poring Part zhizn' Kazakh. 26 no. 6:66-61 Je '59.

AKSTAFACHAY VALLEY—ALLUVIAL LANDS

Lowland alluvial Meadow soils of the Akstafachay Basin [in Azerbaijani with summary in Russian]. Sh. G. Gasanov. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:133-144 '59.

AKTYUBINSK—AUTOMATION

We try to eliminate heavy manual labor. I. Tanatalskii. Part. zhizn' Kazakh. 28 no. 6 20-22 Je '59

AKTYUBINSK—COLD STORAGE

Quick freezers with direct ammonia evaporation. L. Martynenko. Mias. ind. SSSR 30 no 6 45-46 '59

AKTYUBINSK ECONOMIC REGION—INDUSTRIAL MANAGEMENT

What the party organization of our economic council is working at? V. Romanov. Part zhizn' Kazakh. 28 no. 7:33-36 Jl '59.

AKVILEV, ANATOLII

In search of his song ("Contemporaries" by Anatolii Akvilev. Reviewed by B. Dakovich). Neva no. 11:193-193 '59.

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALAKUL' DISTRICT—PETROGLYPHS

Ancient drawings. T. Omarov. Vest. AN Kazakh. SSR 15 no. 11:97-98 N '59.

ALAMEDIN RIVER—ELECTRIC POWER PLANTS

Tkachenko, K. [Alamedinka cascade] Alamedinskii kaskad. Frunze, Kirgizskoe gos. izd-vo, 1959. 56 p.

ALAMPIEV, PETR MARTYNOVICH, 1900-

Petr Martynovich Alampiev; on his 60th birthday and 40th anniversary of his scientific and pedagogical work. K V Dolgopolov. Izv AN SSSR. Ser. geog no 2 145-146 Mr-Ap '60.

ALBANIA

The People's Republic of Albania. N. Kocheshkov. Otv. na vop. trud no. 100:45-80 '59.

ALBANIA—ECONOMIC CONDITIONS

Development of industry in Albania. Nar. khoz. Kazakh. no. 12:80-81 D '59.

Our ranks are united and closed. A. Baranovskii. Komm. Bel. 33 no. 11:64-67 N '59.

ALBANIA—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations of Apollonia and Orik in 1958 V. D Blavatskii, S. Islami Sov. arkheol no. 4:186-201 '59.

ALBANIA—FIELD CROPS

Achievements of plant growing in Albania. S. Praksin. Nauka i pered. op. v sel'khoz. 9 no. 12:71-72 D '59.

ALBANIA—SPORTS

First Albanian Spartakiada. N Lubon'ia Fizk i sport 29 no. 11 8 N '59.

ALBANIA—TECHNICAL ASSISTANCE, RUSSIAN

Tirana-Kiev. Oleksa Tkachenko. Ukraina no. 23:6-7 D '59.

AL'DIN'IANO, ANTONIO, 1899-

Our Antonio. A. Pin. Obshchestv. pit. no. 12:25 D '59.

ALCOHOL

Basic trends in the development of new techniques in the hydrolysis and alcohol industries using sulfite liquors. M.I.Mikhailov Gidroliz i lesokhim.prom. 12 no.8: 1-4 '59.

Improved technology of the production of alcohol, furfurole, and yeasts. N S.Zuev. Gidroliz.i lesokhim.prom 12 no.8:17-19 '59.

ALCOHOLATES

Reactions of halo metallo alcoholates. Part 7. Reactions of magnesium halo carbinolates of tertiary alcohols with esters. I.I.Lapkin, M N Rybakova. Zhur.ob.khim. 30 no.4 1227-1230 Ap '60.

ALCOHOLISM

(see also subdivision under Kazakhstan)

Alcoholism and its consequences. L.P.Zaits. Fel'd.i akush. 25 no.1:46-52 Ja '60.

Alcoholism is the enemy of human health K.Balyts'kyi, M Kondratovych Nauka i zhyttia 8 no 10 31-33 O '58

Bogdanovich, L.A. [A glass of vodka, alcoholism, its consequences, control, and treatment] Riumka vodki, alkogolizm, ego posledstviia, bor'ba s nim i lechenie. Moskva, Gos. izd-vo med. lit-ry, 1959. 38 p. (Nauchno-populiarnaia meditsinskaia literatura)

Gurvich, IA.E. [Drunkenness destroys a man] P'ianstvo gubit cheloveka. Izd.2., dop. i perer. Moskva, Izd-vo "Znanie," 1959. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii)

Influence of alcoholic intoxication in motor vehicle drivers on the results of traffic violations. I.P.Shinkarenko. Sud.-med.ekspert. 2 no.3 21-25 Jl-S '59.

Men'shikov, F.K. [Alcoholism is the foe of good health] Alkogolizm - vrag zdorov'ia. Moskva, Voen izd-vo M-va obor.SSSR, 1959. 68 p. (Nauchno-populiarnaia biblioteka)

ALCOHOLS

Chromatographic and spectrophotometric analysis of impurities in alchol V.P Griaznov and others Izv. vys ucheb.zav , pishch tekh no 5:157-164 '59.

Fluorinated ketones. Report No. 1: Perfluoroacetone and its reactions with alcohols, organometallic compounds and compounds containing a labile hydrogen atom. I.L. Knuniants, Ch'en Ch'ing-yun, N P.Gambarian. Izv. AN SSSR Otd khim.nauk no.4,686-692 Ap '60.

Higher aliphatic alcohols from the oxidation products of solid paraffins N.I.Velizar'eva and others Khim.i tekh.topl i masel 5 no 1:24-27 Ja '60

Latest development in the preparation of primary alcohols and their derivatives by the direct oxidation of short-chain n-paraffins V K TSyskovskii, E M Nebylova, S S Nazarova Masl -zhir prom 25 no 12 16-20 '59

Mutual solubility of the components in the system isobutanol - ethanol - water at 20°C V F Sukhodol, P M Mal'tsev. Izv.vys ucheb.zav., pishch.tekh no 5: 149-156 '59

Physicochemical study of acetone solutions of some monatomic alcohols. R.F.Mocharniuk. Zhur.ob.khim. 30 no.4:1081-1086 Ap '60.

Production of higher aliphatic alcohols by the oxidation of liquid paraffins A.N Bashkirov, V V Kamzolkin. Khim.nauka i prom 4 no 5:607-612 '59.

Synthesis and conversion of tertiary γ-acetylenic alcohols containing silicon I A.Shikhiev, M.I Aliev, Sh.V. Karaeva. Dokl AN Azerb.SSR 15 no 12:1111-1113 '59.

Synthesis of higher aliphatic ketones by dehydrogenating secondary alcohols. A.N.Bashkirov and others. Dokl. AN SSSR 131 no.5,1067-1068 Ap '60.

Synthesis of thiazole derivatives. Part 14: New alcohols of the benzothiazole series and their conversions. V.M.Zubarovskii, G.P.Khodot. Zhur.ob.khim. 30 no.4:1245-1250 Ap '60.

ALCOHOLS—SPECTRA

Spectra and halochromism of certain unsaturated aliphatic alcohols. V.F.Lavrushin, N.N.Verkhovod. Zhur.ob. khim 30 no.4 1360-1362 Ap '60.

ALDAN PLATEAU—KIMBERLITE

First find of kimberlites in the Aldan shield. G.P.Shilina, S.M.TSeitlin. Sov.geol. 2 no.10:132-136 O '59.

ALDAN VALLEY—FROZEN GROUND

Outcrop of fissure-wedge ice in the lower Aldan Valley. A.N Tolstol. Trudy Inst.merzl.AN SSSR 16,106-107 '60.

ALDEHYDE OXIDASE

Functional interrelations of xanthine oxidase and aldehyde oxidase [with summary in English] V P.Korotkoruchko, T M Pechenova. Ukr biokhim zhur 31 no 5 654-664 '59

DES

ubdivision under United States)

een the crystallization of aldehydes and the polyhydroxymethylene-type polymers from Gonikberg, V.M.Zhulin, B.S.El'ianov, 132 no.2:353-356 My '60.

Synthesis of unsaturated nitro compounds using triphenyl phosphine. Report No 1. Reaction of carbomethoxymethylenetriphenylphosphine with aromatic nitroaldehydes. S S.Novikov, G.A Shvekhgeimer Izv.AN SSSR Otd.khim.nauk no.4:673-677 Ap '60.

ALEKSANDRIYA (KIROVGRAD PROVINCE)—BRIQUETS (FUEL)

Practices of the "Semenovsko-Golokovskaia" Briquet Plant M.M Kabrizon. Ugol' 34 no 12 40-42 D '59.

ALEKSANDROV, BORIS KAPITONOVICH, 1889-

Professor B.K.Aleksandrov, corresponding member of the Academy of Sciences of the U.S.S R., on his 70th birthday. Gidr stroi 29 no 12:61-62 D '59

ALEKSEENKO, IVAN PIMENOVICH, 1899-

Ivan Pimenovich Alekseenko on his sixtieth birthday Vrach delo no 11 1219-1220 N '59

ALEKSII, Patriarch of Russia, 1877-

Services of His Holiness Patriarch Aleksii. Zhur. Mosk Patr no 3 9-10 Mr '60.

ALEXIA

Semeiological study of alexia [with summary in French]. E.Veigle, A.Fradis. Zhur.nerv.i psikh. 59 no.12: 1425-1435 '59.

ALFALFA

The life form of Medicago lupulina L P F Medvedev Bot zhur 44 no 10 1496-1498 O '59

Possibilities for utilizing some wild alfalfa species. S.A Muharchuk. Agrobiologiia no.6:939-941 N-D '59.

Role of honey and solitary wild bees in pollinating alfalfa. M.Rasulov Dokl AN Uz SSR no.11:57-59 '59.

ALGAE

(see also subdivision under Amu-Darya Valley, Baikal, Lake, Black Sea; Caspian Sea, Chebarkul', Lake, Krasno-Perekopsk District; Steblevskoye, Lake)

Feeding and food relationships of animals occuring in the bottom vegetation of the Black Sea and in plant remains washed ashore Report No 5: Feeding of the gastropod Phasianella pontica Milaschewitch N S Gaevskaia. Trudy Mosk tekh inst ryb.prom.i khoz no.10 43-57 '59.

Some results of mass culture of unicellular algae [with summary in English] V.A.Chesnokov and others Vest LGU 15 no 9 29-36 '60

ALGAE—CHEMICAL COMPOSITION

Variations in the chemical composition of protococcaceous alage depending on the chemical regimen of the medium. N N.Smirnov Trudy Mosk tekh inst.ryb prom.i khoz. no 10:62-74 '59

ALGAE—ECONOMIC ASPECTS

Problems in commercial utilization of unicellular algae. N.S.Gaevskaia Vop.ikht no 12:144-157 '59.

Raising some species of Chlorella under laboratory conditions. F Gavlena Trudy Mosk.tekh inst.ryb.prom. i khoz no.10:139-161 '59

ALGEBRA—CONGRESSES

Second All-Union Colloquium on General Algebra. Usp. mat.nauk 14 no.5:197-237 S-O '59.

ALGEBRAS, LINEAR

Lopatyns'kyi, IA.B. [Fundamentals of linear algebra] Osnovy liniinoi algebry. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 108 p.

ALGERIA—FRENCH LANGUAGE

Concerning M.V.Sergievskii's article "The French language in Algeria " P.Perregaux. Vop.iaz. 8 no 6. 148-149 N-D '59

ALGORISM

Simplification algorithms for disjunctive normal forms. IU.I.Zhuravlev. Dokl.AN SSSR 132 no.2:260-263 My '60.

ALGORITHM

Lourier's method of differential rates for the most economical transportation plan. A.L.Brudno. Dokl.AN SSSR 131 no.6:1238-1241 Ap '60.

ALHEIM, MARIE (OLENINE)d', 1871-

M.Olenine d'Alheim. E.Alekseeva. Sov.muz. 24 no.1:105-111 Ja '60.

ALIMENTARY CANAL

Experimental data on the evacuatory function of periodical movements of the digestive tract. N.N.Lebedev. Fiziol. zhur. 45 no.12:1462-1471 D '59.

ALKALI HALIDE CRYSTALS—ELECTRIC PROPERTIES

Dielectric constant and losses in alkali halide crystals. V.V.Panchenko. Fiz.tver tela 1 no.11:1727-1729 N '59.

ALKALI HALIDES

Activator trapping centers and activator luminescence centers in alkali halide phosphors. I.A.Parfianovich, E.I.Shuraleva. Izv.vys.ucheb.zav., fiz. no.5:139-147 '59.

Effect of the length of storage of solid solutions of alk halide salts on their physical properties. E.K.Zava skaia, M S Ivankina Izv.vys.ucheb.zav., fiz. no. 172-175 '59.

ALKALI LANDS

(see also subdivision under Azerbaijan, Nakhichevan A S S.R., Ukraine)

Leaching norms in the reclamation of saline soils. V Volobuev. Gidr i mel. 11 no.12.18-21 D '59.

ALKALI METAL BOROHYDRIDES

Polarographic behavior of sodium, potassium, and lit borohydrides K N Mochalov, G.G Gil'manshin Dokl AN SSSR 132 no 1 134-137 My '60

ALKALI METAL CHLORIDES

Behavior of beryllium in fused salts in the presence o metallic beryllium. M V.Smirnov, N.IA.Chukeev. Zhur.neorg.khim. 4 no.11 2536-2543 N '59.

Thermal stability of compounds formed by zirconium chlorides and hafnium chlorides with alkali metal ch rides. I.S.Morozov, Sung Yin-chu. Zhur.neorg.khi 4 no.11:2551-2553 N '59.

ALKALI METAL FLUORIDES

Fusibility diagram for ternary systems consisting of lithium, barium, sodium, and potassium fluorides. Berezhnaia, G.A.Bukhalova. Zhur.neorg.khim. 4 no.11:2600-2605 N '59.

ALKALI METAL HALIDES—THERMAL PROPERTIES

Nature and linear velocity of contact melting. P.A. Savintsev and others. Izv.vys.ucheb.zav., fiz. no. 128-133 '59

ALKALIES

Conductometric analysis of free alkali in phenolates. A Shtein Koks i khim no 12 41-44 '59.

Recovery of alkali from salt solutions after the decomp sition of phenolates. E.E.Feofilov, G.N Gasnovskai E.P.Parshina. Trudy VNIIPS no.4:218-222 '55.

ALKALINE METALS—SPECTRA

Narrowing of superthin structures in alkaline vapors. Wang Yueh-chu. Radiotekh.i elektron. 5 no.5: 834-839 My '60

ALKALOIDS

(see also subdivision under Leningrad Province)

The alkaloid dubinidin and its antagonism to analeptics. N.P.Polievtsev. Izv AN Uz.SSR.Ser.med. no.6 65 '59

Distribution of alkaloids between two immiscible solve Report no.2: Distribution of papaverin, morphine and salsolin between water and organic solvents [with sun mary in English]. V.M.Bashilova, N.A.Figurovskii Apt.delo 8 no.6:24-27 N-D '59.

Dynamics of the alkaloid concentration buildup in Colch cum kesselringii Rgl. and Merendera robusta Bge. A Sadykov, M.K.IUsupov. Uzb.khim.zhur. no.6:47-52 '59.

Finds of new alkaloid plants in the Tien Shan flora. L. Gubanov. Vest.Mosk.un.Ser.biol., pochv., geol., geog. 14 no.2:31-38 '59.

Studying alkaloids of plants of the genus Jurinea. S.IU IUnusov, A Abdusamatov, Kh.A.Abduazimov. Dokl. AN Uz.SSR no.11:29-31 '59.

Use of electrodialysis in the medicolegal analysis of alkaloids. N.I.Vestfal'. Sud.-med.ekspert. 2 no 26-31 Jl-S '59.

ALKALOIDS—THERAPEUTIC USE

Alkaloids. S.IU.IUnusov, G.P.Sidiakin. Nauka i zhizn' 26 no.12:31-33 D '59.

ALKENES see Olefins

ALKOXY GROUPS

Activity of alkoxy and acyloxy groups located in various positions in relation to the carbonyl group, and their reactions. S.A.Vartanian. Trudy Inst.khim.AN Azer SSR 17,154-163 '59.

Realkylation of the alkoxy group in azo dyes. D.I.Step nov, M A.Andreeva Khim.nauka i prom. 4 no 5: 677-678 '59.

ALKYLATION

Alkylation of benzene by acetates of γ-acetylenic glycol in the presence of anhydrous aluminum chloride. R.M Lagidze. Trudy Inst.khim.AN Azerb.SSR 17:180-19 '59.

Alkylation of simple and compound α-chloro esters by olefins. D.S.Mekhtiev and others. Dokl.AN Azerb SSR 15 no.12:1115-1118 '59.

Metals as catalysts in reactions of alkylation of aromat compounds. N.K.Rozhkova, I.P.TSukervanik. Uzb.kh zhur. no.6:53-64 '59.

Realkylation of the alkoxy group in azo dyes. D.I.Step nov, M.A.Andreeva. Khim.nauka i prom. 4 no 5: 677-678 '59.

Reversible reactions in the alkylation of isopropylbenze by propylene. E.P.Babin and others. Izv.Sib.otd.A SSSR no.11:57-61 '59.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLELOPATHY

Effect of secretions of the birch Betula verrucosa Ehrh on photosynthesis in the English oak (Quercus robur L.) M V Kolesnichenko Dokl AN SSSR 132 no 1 220-222 My '60

Experimental study of allelopathy in arboreal plants by subjecting them to the action of root and leave secretions V. A. Gubrieva. Dokl AN SSSR no 6·1451-1456 Ap '60.

ALLERGY

Allergic dermatitis connected with the use of cortisone [with summary in English] A T. Vedmedenko, P I. Kholodii. Vest. oft. 72 no 4.37-38 Jl-Ag '59.

Allergy and the nervous system A. D. Ado. Klin. med 37 no 12·3-12 D '59.

Allergy and tuberculosis. R. O. Drabkina. Klin med 37 no. 12·12-19 D '59

Review of K V Bunin's book "Role of immunity and allergy in the treatment of infectious diseases " S E Shapiro Terap arkh 31 no 12 81-82 D '59

ALLERGY—CONGRESSES

Fourth European Congress on Allergy. A. D. Ado, M. IA. Rasulov. Zdrav Tadzh 6 no 6:45-47 '59

ALLOYS

Constructing equilibrium diagrams for quinary eutectic alloys. L S. Palatnik, I. M. Kopeliovich. Izv. vys. ucheb. zav, fiz. no. 5 51-57 '59.

New methods of studying partial coefficients of diffusion and electrical transfer in binary alloys. IE I Khar'kov, P P. Kuz'menko Ukr fiz. zhur. 4 no. 4 534-537 Jl-Ag '59

ALLOYS—CORROSION

Effect of aging conditions on corrosion resistance in alloys. E. V. Konstantinova Metalloved. i term. obr. met. no. 1·17-19 Ja '60.

ALLOYS—METALLOGRAPHY

Concentrated layers at interphase surfaces during the crystallization of alloys. B. A. Movchan. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 72-78 Mr-Ap '60.

Hot cracks [with summary in English]. V. N. Savelko. Inzh -fiz zhur no 12·110-111 D '59

Mechanism of the internal crystallite adsorption in diluted solid solutions. V. I. Arkharov and others. Fiz. met. i metalloved. 8 no. 5:792-794 N '59.

Residual microstresses occuring in polycrystalline specimens under the effect of plastic deformation. A. V. Gur'ev. Izv vys. ucheb zav., chern met. no. 3·17-21 '60.

Studying the phenomena of austenite stabilization under the effect of phase strain hardening. I. M. Zakher and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2: 93-103 Mr-Ap '60.

Treatment of anomalous effects on X-ray pictures of aging alloys. Part 2. R. R. Zakharova, N. N. Buinov. Fiz. met. i metalloved. 8 no. 5:798-800 N '59.

ALLOYS—TESTING

Resistance to abrasive wear and the Young modulus of metals and alloys. M. M. Khrushchov, M. A. Babichev. Dokl. AN SSSR 131 no. 6·1319-1322 Ap '60

ALLOYS—THERMAL PROPERTIES

Thermal studies on the vibration grinding of a hard alloy. E G Konovalov, V. N. Chachin Dokl AN BSSR 3 no 11 452-455 N '59

Thermodynamics of binary alloys. M. S. Blanter, B. N. Finkel'shtein, S. Sh. Shil'shtein. Izv. vys. ucheb. zav.; chern. met. no 3:10-12 '60.

ALLUVIAL LANDS see subdivision under Akstafachay Valley

ALLUVION

Fractionation of soils caused by alluvion. V. A. Melent'ev. Gidr. stroi. 29 no 12:46-48 D '59.

ALLUVIUM

(see also subdivision under Akhtaranda River; Caucasus, Northern; Kama Reservoir; Tajikistan; Zeravshan Valley)

Role of tectonic and climatic factors in alluvium formation in plain rivers. A A. Aseev Izv. AN SSSR Ser geog. no 2·17-27 Mr-Ap '60

ALLYLAMINE

Electrolytic dissociation of some allylamine thiocyanates in various solvents [with summary in English]. S. S. Kiriliuk, S. P Miskidzh'ian. Zhur fiz. khim 33 no. 12: 2786-2790 D '59

ALMA-ATA—AIRPLANES—MODELS

How to increase the effectiveness and reduce the weight of the RUM-1 apparatus. Kryl. rod. 10 no. 12·24-25 D '59.

ALMA-ATA—ARBORETUMS

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Botanicheskii sad. [Trees and shrubs at the Alma-Ata Botanical garden] Derev'ia i kustarniki Alma-Atinskogo sada. Pod red. A. M. Mushegiana. Alma-Ata, 1959. 274 p

ALMA-ATA—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Goncharov's and Gorbunov's universal dough divider for loaf making M. D. Goncharov Khleb. i kond. prom 2 no. 5 42-44 My '58.

ALMA-ATA—EXHIBITIONS

Exhibition of the national economy of Kazakhstan. A. Bektasov Nar. khoz. Kazakh. no. 12:45-49 D '59.

ALMA-ATA—MACHINE TOOL INDUSTRY

A plant and the regional economic council V. Sinel'nikov. Nar. khoz. Kazakh. no. 12·36-39 D '59.

ALMA-ATA—MACHINERY INDUSTRY

The first brigade of communist labor. G. Isachenko. Part. zhizn' Kazakh. 28 no. 7:43-47 Jl '59

Our progress. I. Rotin. V pom. polit samoobr. 3 no. 12:70-75 D '59.

Role of the chief engineer in an enterprise. P. Skliarov. Nar. khoz. Kazakh. no. 11.30-34 N '59.

ALMA-ATA—MOTION-PICTURE PROJECTION

Helping and studying. I. Romanenko. Kinomekhanik no. 12: 18 D '59.

ALMA-ATA—RESTAURANTS, LUNCHROOMS, ETC.

Cafe operator Shestakova's wares. A. Molod. Obshchestv. pit. no. 10:25 O '59.

ALMA-ATA—SOCIALIST COMPETITION

Socialist competition in technical schools. I. P. Latynin. Sred. spets. obr. 6 no. 11 25-27 N '59.

ALMA-ATA ECONOMIC REGION—FISHERIES

Supply workers with more fish. G. Abramenko. Nar. khoz. Kazakh. no. 12:76-77 D '59.

ALMA-ATA ECONOMIC REGION—SUGAR BEETS—TRANSPORTATION

Development of a transportation system in the northern part of Alma-Ata Province in connection with the increase in sugar beet production. I. F. Pshenitsyna. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 2:64-73 '59.

ALMA-ATA PROVINCE—FRUIT CULTURE

Development of fruit culture and viticulture in Alma-Ata Province. Zh Aubakirov Sad i og 97 no. 12 33-35 D '59

ALMA-ATA PROVINCE—INDUSTRIES

The main thing is to be well prepared. A. Sheffer. Nar. khoz. Kazakh. no. 11:35-39 N '59.

AL'MET'YEVSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Your talk is more interesting if you know your subject. A. Krasnov. Agitator no. 23:53-54 D '59.

AL'MET'EVSK—LABOR AND LABORING CLASSES—DWELLINGS

In the city of petroleum workers. A. Krasnov. Neftianik 4 no 12·31 D '59.

AL'MET'EVSK—PETROLEUM WORKERS—EDUCATION AND TRAINING

Al'met'evsk drillers' school. A. Krasnov. Neftianik 4 no. 11:28 N '59.

AL'MET'EVSK (TATAR A. S. S. R.)—OIL WELL DRILLING

Activity of Al'met'evburneft' efficiency promoters. G. V. Chirskov. Bezop. truda v prom. 3 no. 12:28-29 D '59.

ALMOND

Comparative study on the morphogenesis of reproductive buds of the almond as related to the time of flowering of the different varieties. A. V. Strochkova. Uch. zap. MGZPI 2·71-74 '59.

Using the morphophysiological method in studying the development of semidwarf trees. A. V. Strochkova. Uch. zap. MGZPI 2 75-89 '59.

ALOE

Aloe extract as a factor changing the normal physiological properties of blood. K. A. Sadykhov. Azerb. med. zhur. no. 11:35-38 N '59.

AL'PERT, MAKS VLADIMIROVICH, 1899-

Joy of creativeness. M. Al'pert. Sov. foto 19 no. 11:31-36 N '59.

Story about a friend. S. Fridliand. Sov. foto 19 no. 11:37-43 N '59.

ALPHA RAYS

Determination of deformation in nuclei from the fine structure of α-decay. V. G. Nosov. Zhur. eksp. i teor. fiz. 37 no. 3:886-887 S '59.

Ejection of α-particles from nuclei by fast nucleons [with summary in English]. V. I. Ostroumov, R. A. Filov. Zhur. eksp. i teor. fiz. 37 no. 3:643-650 S '59.

ALPHA RAYS—SCATTERING

Excitation of rotational states of nonaxial nuclei in α-particle scattering. E. A. Romanovskii. Zhur. eksp. i teor. fiz. 37 no. 3:851-853 S '59.

ALSIKE CLOVER see subdivision under Moscow Province

ALTAI—INSURANCE, SOCIAL

Faulty practice. I Kofman. Okhr. truda i sots. strakh. no 12:13-14 D '59.

ALTAI MOUNTAINS—DESCHAMPSIA

Ecological characteristics of tufted hair grass (Deschampsia caespitosa (L.) P. B.), the dominant species in lowland meadows of the Gornyy Altai N. V. Logutenko. Bot zhur. 14 no. 11 1593-1599 N '59

ALTAI MOUNTAINS—ONIONS

Comparative study of some wild Altaic onions for introduction. G. V Belova. Trudy Bot. inst. Ser 6 no. 7: 136-141 '59.

ALTAI TERRITORY—LARCH

Development of Siberian larch under conditions existing in southern Altai S. A. Petrov. Les. khoz. 12 no 12: 16-18 D '59

ALTAIC LANGUAGES

The Altaic hypothesis in linguistics A. M Shcherbak. Vop iaz. 8 no 6 51-63 N-D '59

ALTERNATING CURRENTS see Electric currents, Alternating

ALTIMETER

Moon altimeter. N. Varvarov. IUn. tekh. 4 no. 11:12-13 N '59.

ALTITUDE, INFLUENCE OF

Changes in the electric potentials of the skin in healthy persons and schizophrenia patients at high altitudes [with summary in English] H P Zakharevych and others. Fiziol. zhur. [Ukr] 5 no 6:828-833 N-D '59

ALUM

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 1. G. M. Kaperman. Trudy Inst. khim. AN Gruz. SSR 14:204-230 '58.

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 2. G. M. Kaperman. Trudy Inst. khim. AN Gruz. SSR 14: 231-252 '58.

ALUMINA

Amangel'dy bauxites as raw materials for the production of alumina. S. I Beneslavskii Trudy Inst geol. nauk AN Kazakh. SSR no. 2 151-160 '60.

Conference on the chemistry and technology of alumina L. P. Ni. Vest AN Kazakh. SSR 15 no. 11:91-93 N '59.

Effect of the composition of iron oxide-alumina catalysts on their activity in the oxidation of carbon monoxide T G. Alkhazov, M S. Belen'kii Izv. vys. ucheb. zav.; neft' i gaz 2 no 11 63-67 '59.

Extracting alumina from slag by the alkaline hydrochemical method. L. P. Ni, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1·16-20 '59.

Highly active nickel - alumina catalyst for dehydrogenating the hexamethylene ring. N. I. Shuikin, E. D. Tulupova. Izv. AN SSSR Otd. khim. nauk no. 4:709-716 Ap '60.

Improving the electrical gas purification equipment for the calcining department in the alumina plant. IU. A. Medvedev, O. M. Bagrov. TSvet. met. 32 no. 11:63-66 N '59.

New methods for processing bauxites. V. D. Ponomarev. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2:160-170 '59.

Study of the dissolution of alumina in feldspar melts. V. Z. Petrova, A. I. Avgustinik. Zhur. prikl. khim. 32 no. 12·2788-2791 D '59.

ALUMINA—MAGNETIC PROPERTIES

Magnetic properties of $Cr_2O_3 - Al_2O_3$ catalysts. A. M. Rubinshtein, A. A. Slinkin. Dokl. AN SSSR 131 no. 6: 1386-1389 Ap '60.

ALUMINOTHERMY

One hundred years of existence of the aluminothermic process A. I. Beliaev. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6:195-198 '59

ALUMINUM

Crystallization of aluminum aerosols. M. IA. Gen, I. V. Eromina, IU. I. Petrov. Zhur. tekh fiz. 29 no. 11: 1407-1411 N '59.

Effect of aluminum on the detonation constants of trotyl. A. N. Dremin, P. F. Pokhil, M. I. Arifov. Dokl. AN SSSR 131 no. 5:1140-1142 Ap '60.

Effect of anabasine oxalate on the rate of solution of aluminum in hydrochloric acid. A. M. Dobychina. Uch. zap. MGZPI 2;124-131 '59

ALUMINUM—ANALYSIS

Aluminum determination in aluminum bronzes. N. V. Bausova. Trudy Inst. met. UFAN SSSR no. 3:125-128 '59.

Detection of aluminum ions with 5-hydroxy-1, 4-naphthoquinone [with summary in English]. I. N. Altenberg. Zhur. anal. khim. 14 no. 6:741-743 N-D '59.

Luminescent determination of small quantities of aluminum in metallic magnesium [with summary in English] A. K. Fiolotova. Zhur. anal. khim. 14 no. 6:735-740 N-D '59.

ALUMINUM—ELECTROMETALLURGY

Anode technology in aluminum cells with lateral feed of the current. M. Alivoivodich TSvet. met. 32 no. 12 42-47 D '59

Vapor elasticity and the decomposition of molten NaF-AlF_3 systems. M M Vetiukov, M. L Bliushtein, V P Poddymov Izv. vys ucheb zav ; tsvet met. 2 no. 6: 126-133 '59

Voltage drop at the anode of an aluminum electrolytic cell. M. A. Korobov. TSvet. met. 32 no. 11;43-48 N '59.

ALUMINUM ALLOYS

Effect of cold deformation on properties of alloys of Al - Cu and Al - Cu - Mg systems in a state of artificial aging Z. A Sviderskaia, M. E. Drits, A A Vashchenko Izv. vys. ucheb. zav. ; tsvet met. 2 no. 5;158-160 '59

Electrolytic oxidation of aluminum alloys. V. M. Kochegarov. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 2 no. 6· 916-919 '59.

Technical specifications for designing construction elements made of aluminum alloys A. Kh Khokharin Stroi mekh. i rasch. soor 1 no 6 50-52 '59

ALUMINUM ALLOYS—BRITTLENESS

Hot shortness in aluminum alloys as a result of overheating the melt I I. Novikov, G A Korol'kov Lit proizv no 12 21-22 D '59

ALUMINUM ALLOYS—CORROSION

Corrosive stability of construction elements made of aluminum alloys. A. T Bedilo. Prom. stroi. 37 no. 12;52-53 D '59.

ALUMINUM ALLOYS—HARDENING

Quench hardening of aluminum alloy sheet parts. O. V. Popov, M. A. Moskalev. Metalloved. i term. obr. met. no. 1;45-47 Ja '60.

ALUMINUM ALLOYS—HEAT TREATMENT

Heat treatment of forgings made of D-1 alloys. A. N. Khokhriakov, G. I. Bagretsov, I. V. Vidonova. Avt. prom. no. 12;31-32 D '59.

ALUMINUM ALLOYS—WELDING

Strength of spot welds in AMG6T alloys at high temperatures. F. E. Tret'iakov, A. B. Karan, G. P. TSar'kov Svar proizv. no. 1·27-28 Ja '60

ALUMINUM ANTIMONIDE

Phase diagram of AlSb - GaSb. A. S. Borshchevskii and others. Zhur neorg. khim. 4 no. 12;2624-2626 D '59.

ALUMINUM BROMIDE

Concentration dependence of the decomposition potentials of compounds formed by aluminum bromide with metal halides in nonaqueous solutions. S I. IAkubson. Rab. po khim. rastv. i kompl. soed no. 2;72-81 '59.

ALUMINUM BRONZE—ANALYSIS

Aluminum determination in aluminum bronzes. N. V. Bausova. Trudy Inst. met. UFAN SSSR no. 3;125-126 '59.

ALUMINUM CHLORIDE

Dehydrohalogenation of certain silicon organic compounds and rearrangement of α, β-dichloroalkyltrichlorosilanes during their dehydrochlorination with aluminum chloride. V. F. Mironov, V. V. Nepomnina, L. A. Leites. Izv. AN SSSR Otd. khim. nauk. no. 3;461-468 '60.

Effect of aluminum hydroxychloride on thixotropic structure formation in askangel suspensions. E. D. Uznadze, M. E. Shishniashvili. Trudy Inst. khim. AN Gruz. SSR 14;63-71 '58.

Preparation of the basic salt, aluminum hydroxychloride from aluminum hydroxide. E. D. Uznadze, M E. Shishniashvili. Trudy Inst. khim. AN Gruz. SSR 14;53-61 '58.

Reaction between anhydrous aluminum chloride and the diacetate of 2, 5-diphenyl-3-hexyne-2, 5-diol [in Georgian with summary in Russian]. N. K. Iremadze, R. M. Lagidze. Trudy Inst. khim. AN Gruz. SSR 14;159-164 '58.

ALUMINUM COATING

Calorizing products made of gray cast iron. F A. Al'ter-Pesotskii. Metalloved i term. obr. met no 12·51-52 D '59

ALUMINUM CRYSTALS—TESTING

X-ray investigation of fatigue in single aluminum crystals at normal and low temperatures. IU. S. Terminasov, Sh. Kh. IAr-Mukhamedov Trudy LIEI no. 28;25-35 '59.

INUM FLUORIDE

stem NaF - AlF_3 - NaCl. M. A. Kuvakin, P. S.
in. Zhur. neorg. khim. 4 no. 11;2577-2581 N '59.

UM FORGINGS

rming of thin walled aluminum sheaths. A. S.
n, A. V. Shternberg. TSvet. met. 32 no. 11;61-

'NDING

aluminum alloys as a result of overheat-
Novikov, G. A. Korol'kov. Lit proizv

bles for melting aluminum alloys.
izv. no. 12.38-39 D '59.

ALUMINUM HALIDES

Electrochemical properties of aluminum halides in non-aqueous solutions. V. A. Plotnikov. Rab. po khim. rastv. i kompl. soed. no. 2·3-71 '59.

ALUMINUM HYDRIDE

Conditions under which a chlorine-containing derivative of aluminum hydride is formed. V. I. Mikheeva, M. S. Selivokhina, V. V. Leonova. Zhur. neorg. khim. 4 no. 11: 2436-2442 N '59.

ALUMINUM HYDROXIDE

Properties and structure of NiO - Al_2O_3 catalysts. Report No. 4: X-ray and magnetochemical studies of spinel formation from coprecipitated nickel and aluminum hydroxides. V. M. Akimov and others. Izv. AN SSSR Otd. khim. nauk no. 4,624-628 Ap '60.

ALUMINUM INDUSTRY—BY-PRODUCTS

Utilization of aluminum plant wastes. S. S. Vaikhanskii. Bum. prom. 34 no. 12 17-18 D '59.

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM LITHIUM HYDRIDE

Conditions under which a chlorine-containing derivative of aluminum hydride is formed. V. I. Mikheeva, M. S. Selivokhina, V. V. Leonova. Zhur. neorg. khim. 4 no. 11: 2436-2412 N '59.

Synthesis of lithium aluminum hydride. V. I. Mikheeva, M. S. Selivokhina, V. V. Leonova. Zhur. neorg. khim 4 no. 12 2705-2712 D '59.

ALUMINUM-MOLYBDENUM-NICKEL ALLOYS see Nickel-aluminum-molybdenum alloys

ALUMINUM OXIDES

Dissolution of micropowders of fused aluminum oxide and the determination of impurities it contains. N G Mendlina, A. A. Novoselova, R S. Rychkov Zav. lab no. 11;1293-1294 '59.

ALUMINUM SILICATES

Catalytic polymerization of olefins. Report No. 7: Polymerization of ethylene over a nickelous oxide - aluminosilicate catalyst. IA. T. Eidus and others. Izv. AN SSSR Otd. khim. nauk no. 4;703-708 Ap '60.

Structure and catalytic activity of aluminosilicate hydrates. Z. V. Griaznova, G. M. Panchenkov. Usp. khim. 28 no. 12;1523-1543 D '59.

ALUMINUM SILICATES—THERMAL PROPERTIES

Destruction process of aluminosilicate products under the effect of thermal shocks. D. P Zegzhda Izv vys. ucheb. zav , chern met no. 4;169-170 '60

ALUMINUM-SILVER ALLOYS—METALLOGRAPHY

Some structure characteristics of anomalous effects in aging Al-Ag and Al-Ag-Cu alloys obtained in the image prepared by the Laue method. R. R. Zakharov, N. N. Biunov. Fiz. met. i metalloved. 8 no. 5;705-708 N '59.

ALUMINUM SULFATE

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 1. G. M. Kuperman. Trudy Inst. khim. AN Gruz. SSR 14: 203-230 '58.

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 2. G. M. Kuperman. Trudy Inst. khim. AN Gruz. SSR 14: 231-252 '58.

ALUMINUM SULFATE—ELECTRIC PROPERTIES

Some characteristics of the electrical conductivity of guanidine aluminum sulfate hexahydrate. V. M. Gurevich, I S. Zheludev, I S. Rez. Kristallografiia 4 no. 5;718-722 S-O '59.

ALUMINUM SULFITE

Thermographic study of aluminum sulfites. P. V. Dybina. Zhur. prikl. khim. 32 no. 8;1711-1715 Ag '59.

ALUNITE see subdivision under Zaglik (Azerbaijan)

AMALGAMS

Effect of the concentration and temperature of an amalgam on the rate of decomposition of the amalgam in a short-circuited cell. G. I. Volkov, R. IA. Emdina. Zhur. prikl. khim. 32 no. 12;2804-2806 D '59.

Viscosity and electrical conductivity of zinc and cadmium amalgams. Part 2 [with summary in English] O. Z. Holik, I. F. Klassen Ukr. fiz. zhur. 4 no. 4 491-496 Jl-Ag '59.

AMANGEL'DY DISTRICT—BAUXITE

Amangel'dy bauxites as raw materials for the production of alumina. S. I. Beneslavskii. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2;151-159 '59.

Characteristics of deposits of bauxites and refractory clays from the point of view of economic geology. B. A. Tiurin, M. A. Kal'menev. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2;69-103 '59.

Chemicomineralogical characteristics of bauxites in Amangel'dy deposits and their wall rocks. F. G. Pasova. Trudy Inst. geol. nauk AN Kazakh SSR no. 2; 36-68 '59

New methods for processing bauxites. V. D. Ponomarev. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2:160-170 '59.

AMANGEL'DY DISTRICT—CLAY

Characteristics of deposits of bauxites and refractory clays from the point of view of economic geology. B. A. Tiurin, M. A. Kal'menev. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2,69-103 '59.

AMANGEL'DY DISTRICT—GEOLOGY

Geology of Amangel'dy deposits of bauxites and refractory clays. A. N. Volkov. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2 3-35 '59

AMANGEL'DY DISTRICT—HYDROLOGY

Water resources in the area of Amangel'dy deposits. A E. Petrov. Trudy Inst. geol. nauk AN Kazakh. SSR no. 2;129-150 '59.

AMANGEL'DY DISTRICT—REFRACTORY MATERIALS

Qualitative and industrial characteristics of refractory raw materials in the Arkalyk deposit. A. P. Sarmin. Trudy Inst geol. nauk AN Kazakh. SSR no. 2:171-184 '59

AMATEUR ART ACTIVITIES

(see also subdivision under South Kazakhstan Province; Ukraine)

Amateur art activities during the Great Patriotic War. B. P. Kyrdan. Nar. tvorch. ta etn. 3 no. 3:11-20 Jl-S '59.

Brushes and paints. B. Egorov. Ogonek 38 no. 1;20-21 Ja '60.

AMATEUR MOTION PICTURES

(see also subdivision under Angarsk; Moscow, Tashkent)

How to start. R. Sobolev. Isk. kino no. 1:147-151 Ja '60.

A newspaper on the screen. F. Derkachev. Isk. kino no. 11·100-103 N '59

The question is ripe. V. Silulanov. Isk kino no. 12;170 D '59

Reading newspapers and periodicals, newspaper survey. Isk. kino no. 12;132-135 D '59

The worries of an independent film studio. O Frankovskii Isk kino no 12·136-137 D '59.

AMATEUR RADIO STATIONS

On Amateur bands. Radio no. 12·13 D '59.

AMATEUR THEATRICALS

(see also subdivision under Gaysin; Kokchetav; Kokchetav Province, Moscow)

People's theater F. Mal'tsev. Mast. ugl. 8 no. 12:17 D '59

AMAZONS

Amazon motif in the Ossetic Nart epos. B. A. Kaloev. Krat. soob. Inst. etn. no. 32;45-51 '59.

AMBARTSUMIAN, VIKTOR AMAZASPOVICH, 1908— BIBLIOGRAPHY see Bibliography—Ambartsumian, Viktor Amazaspovich, 1908-

AMBARY HEMP

Using azotobacterin for southern hemp varieties and ambary hemp. N. S. Val'ko, I. M Riabchenko. Len i konop 4 no 11 35-36 N '59.

AMEBIASIS

(see also subdivision under Turkmenistan)

Relation of Entamoeba histolytica morphology to functional conditions of the large intestine. V. B. Schesnovich. Med. paraz. i paraz. bol. 28 no. 5:504-507 S-O '59

Significance of Charcot-Leyden crystals in amebic dysentery. N. A. Bakulina Med paraz. i paraz bol. 28 no. 5:616 S-O '59.

AMERICAN COMPOSERS see Composers, American

AMERICAN POETRY—HISTORY AND CRITICISM

For and against Anatolii Elkin Moskva 3 no 9;189-197 '59

AMERICIUM—ISOTOPES

Spontaneous fission of Am^{241}. V. L. Mikheev and others. Zhur. eksp. i teor. fiz. 37 no. 3;859-861 S '59.

AMIDATION

Reaction of amidation of some compounds of trivalent phosphorus. K. A. Petrov, O. S. Urbanskaia. Zhur. ob khim. 30 no. 4;1233-1238 Ap '60.

AMIDES

Depolymerization of polyamides based on ω-aminocarboxylic acids in the presence of alkaline catalysts. T. I. Shein, V. N. Topchibasheva. Khim. volok. no. 5;21-24 '59.

AMINATION

Direct amination of benzothiazole derivatives. Part 2: Amination of nitrobenzothiazoles. R. P. Vel'tman. Zhur. ob. khim. 30 no. 4;1363-1366 Ap '60.

AMINES

Compounds of $HReCl_4$ with certain organic amines and their thermal decomposition. Miao Ch'ing-shêng, V. G. Tronev. Zhur. neorg. khim. 4 no. 12;2834-2836 D '59

AMINES (Continued)

Effect of iron salts on the kinetics of the reaction between polyethylenepolyamines and hydroperoxides, and utilization of this reaction for the initiation of polymerization. B. A. Dolgoplosk, D. Sh. Korotkina. Zhur. prikl. khim. 31 no.4:635-640 Ap '58.

Exchange reactions of chlorine-containing telomers of diene hydrocarbons. Part 3: Reactions between [illegible] lower telomers of diene hydrocarbons and amines. A. A. Petrov and others. Zhur. ob. khim. [illegible] Ap '60.

Reactions of ethoxychloroquinones with amines. Part 1: Reactions of 1,4-diethoxydichloro[illegible]. A. D. Berlin, A. N. Makarova. Zhur. ob. khim. 30 no.4: 1100-1105 Ap '60.

Reductive desulfuration of amino disulfides of [illegible] series. [illegible] P. A. [illegible] Dokl. AN SSSR 131 no.5:1101-1105 Ap '60.

Research in the field of amino ethers. Report No. 2: Synthesis of β-dialkylaminoethyl ethers of [illegible] substituted ethyl alcohols. A. T. Mndzhoian and others. Dokl. AN Arm. SSR 29 no.4:[illegible] '59

Some results of clinical tests of the new anti-[illegible] [illegible] and [illegible] [with summary in English]. I. M. [illegible] [illegible]

Structure of the products of addition of [illegible] to [illegible] A. V. Anisov, [illegible] Dokl. AN SSSR 132 [illegible] Ap '60

Study of the influence of [illegible] pressure on the rate of the reaction between solid anhydrides and amines. M. Kh. Glazman, D. G. Arlingoou. Zhur. prikl. khim. 31 no.4 657-658 Ap '58.

Synthesis of amino N-oxides of [illegible] N. G. [illegible], A. S. [illegible] Zhur. ob. khim. [illegible] no.4:[illegible] Ap '60

AMINO ACID METABOLISM

Discovery of the [illegible] of amino acid [illegible] in dysentery [illegible] [with summary in English]. [illegible] [illegible]

AMINO ACIDS

Acylation of amino acids and peptides with [illegible] pentanone [illegible] A. [illegible] Vilesina, Z. I. Matveeva. Zhur. ob. khim. [illegible] 1195-1200 Ap '60.

Amino acid composition of [illegible] [with summary in English]. I. M. Pantosatkin [illegible] no.5 [illegible] '59

Amino acid content of proteins in the [illegible] and their progeny [with summaries in English, German and French]. P. S. Kogenov, M. I. Meltsalova. [illegible] nauki 4 no.12 [illegible]

Amino acids associated with [illegible] and lipoids in [illegible] of plant tissues. N. A. [illegible] A. M. Ovanesian. Dokl. AN [illegible] 1187-1190 Ap '60

Amino acids containing sulfur in [illegible] of white rats of different ages [with summary in English]. V. M. Tolstikov [illegible] no.11:[illegible] '59.

Changes in the amino acid composition of the proteins in cow's milk during lactation. V. G. [illegible] N. Osetrova. Trudy Inst. [illegible] AN Kaz. SSR [illegible] 3-8 '59.

Decyanoethylation of N-cyanoethylated [illegible] and their derivatives. [illegible] khim. 30 no.4 [illegible] Ap '60

Polycondensation reactions in the solid phase. Report No. 1: Polycondensation of [illegible] and diamine salts of [illegible] acids [illegible] A. [illegible] Volokhina, G. I. Kudriavtsev [illegible] '59.

Variation of free amino acid concentration in [illegible] leaves and roots under different conditions of cultivation [with summary in English]. [illegible] T. V. [illegible] Fiziol. rast. [illegible] 6-8 N-D '59

AMINOPYRINE

Allergic medical bullous dermatitis. [illegible] Probl. tub. 37 no.1:95-96 '59

Determination of the molecular weight of the binary system chloral hydrate-pyramidon in naphthalene as the solvent. E. F. Zhuravlev, A. D. [illegible] I. A. [illegible] Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no.6:891-894 '59.

AMIROV, FIKRET, 1922

Pamphlet on an Azerbaijani opera [illegible] "Sevil" by D. Danilov. [illegible] A. [illegible] 24 no.1:191-194 Ja '60

AMMINES

Carbon ammoniates, a new type of economical fertilizers. S. N. Ganz, G. I. Vilesov, I. V. Logvin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no.6:911-915 '59.

Some properties of ammonium nitrate [illegible] ammoniates. V. A. Klevke, A. S. [illegible] no.6:502-509 [illegible] '59.

AMMONIA

(see also subdivision under United States)

Kinetic isotope effect in the hydrogen exchange in liquid ammonia. P. S. [illegible] and others. Zhur. fiz. khim. 33 no.12:2831 D '59

Kinetics of decomposition of ammonia on platinum at low pressures [with summary in English]. I. O. Apel'baum, M. I. Temkin. Zhur. fiz. khim. 33 no.12:2697-2705 D '59

Present [illegible] and prospects for the development of the production and [illegible] of liquid fertilizers. A. A. [illegible] Zhur. prikl. khim. 32 no.8: [illegible] Ag '59

Reaction of [illegible] with ammonia [illegible] A. [illegible] Zhur. neorg. khim. [illegible]

Reactions of [illegible] with ammonia [illegible] [illegible]

Results of [illegible] and [illegible] [illegible] Zhur. [illegible]

Research [illegible] [illegible]

AMMONIA – PHYSIOLOGICAL EFFECT

Sensitivity of [illegible] of certain organs to ammonia [with summary in English]. M. N. Poliakova. Fiziol. zhur. 45 no.12:1450-1455 D '59.

AMMONIA – THERMAL PROPERTIES

[illegible]

AMMONIUM [illegible]

[illegible] [with summary in English]. [illegible]

AMMONIUM FLUORIDE

[illegible]

AMMONIUM NITRATE

[illegible]

AMMONIUM OXIDE

[illegible]

AMMONIUM SALTS

[illegible] salts. A. I. Platonov, [illegible]

[illegible]

AMMONIUM [illegible]

[illegible]

AMMONIUM [illegible]

[illegible] Ag '59

[illegible] Ag '59

AMMONITES

(see also subdivision under Volga Valley)

[illegible] Mollusks of [illegible] cephalopods [illegible] stratigraphy [illegible] 1959. 64 p.

AMMOPIPTANTHUS see subdivision under Asia, Central

AMNIOTIC FLUID

[illegible] Akush. i gin. 35 no.[illegible] '59

AMORTIZATION

Amortization and [illegible] '60

AMOY, BAY OF – [illegible]

[illegible]

AMPHIBIA – EMBRYOLOGY see Embryology – Amphibia

AMPHIBOLITES see subdivision under Kerry Island

AMPHIPODA see subdivision under Caspian Sea

AMPLIFIERS (ELECTRONICS)

Frequency [illegible] and direct-current amplifiers with [illegible] [illegible] Ms '60.

Investigation of parasitic phase modulation of the output voltage of an amplifier and locked oscillator in the presence of sinusoidal interference. E. A. [illegible] Trudy MEI no.[illegible] '59

[illegible] amplifiers. [illegible]

Reactive input and output networks of amplifiers with compensation of the [illegible] magnitude of inductance of the transformer winding. [illegible] [illegible] D '59

Reliability of an amplifier with automatic amplification control. [illegible] Ap '60.

Use of magnetic modulators in [illegible] amplifiers in [illegible] recording the [illegible] of [illegible] A. [illegible] '59

AMPLIFIERS, ELECTRON TUBE

Measuring group speeds in [illegible] systems of quantum (paramagnetic) amplifiers. V. B. [illegible] G. D. Mirzakhanov. [illegible] D '59

[illegible] D '59

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTATION OF ARM

[illegible]

AMPUTATION OF LEG

[illegible]

AMSTERDAM – CATHEDRALS – [illegible]

[illegible]

AMU DARYA VALLEY – ALGAE

Data on the algal flora of waters in the Amu Darya basin. A. M. Muzafarov. [illegible] no.7:11-20 '59.

AMUR [illegible]

[illegible]

[illegible]

AMUR PROVINCE – GEOGRAPHY

[Nature in Amur Province] Priroda Amurskoi oblasti. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1959. 346 p.

[MICROFILM]

AMUR RIVER – SALMON – DISEASES AND PESTS

Studying the decomposition of [illegible] in the fall spawning [illegible] of the Amur River. M. I. [illegible] A. A. [illegible] no.12:101-104 '59

AMUR VALLEY

[illegible] V. A. [illegible] '59

AMUR VALLEY – EDUCATION

[illegible], E. M. [From the history of public education in the Amur Valley] [illegible] Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1951. 54 p.

ANABAR VALLEY – GAS, NATURAL – GEOLOGY

Oil and gas prospecting in the Anabar-Khatanga interfluve (Nordvik region). M. K. Kalinko. Trudy NIIGA 92 [illegible] '58.

ANABAR VALLEY – PETROLEUM GEOLOGY

Oil and gas prospecting in the Anabar-Khatanga interfluve (Nordvik region). M. K. Kalinko. Trudy NIIGA 92 [illegible] '58

ANABASINE

Effect of anabasine [illegible] A. M. [illegible] '59

ANADYR BAY – CLIMATE

[illegible] in Anadyr Bay. [illegible] '59

ANADYR BASIN – [illegible]

[illegible] in the [illegible] of the [illegible] '59

ANADYR' REGION—FROZEN GROUND
Origin of underground ice beds in the region of the village of Anadyr'. B. I. Vtiurin. Probl. Sev. no. 3:60-65 '59

ANALOGIES, ELECTROMECHANICAL see Electromechanical analogies

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPA REGION—MOLLUSKS, FOSSIL
Benthic mollusk complexes in upper Quaternary deposits of the shore region of the Black Sea (Anapa region). L. A. Nevesskaia. Trudy Okean. kom no 4.132-145 '59

ANATOMICAL MUSEUMS
Museum of the Department of Normal Anatomy at the Kirov Academy of Military Medicine; on the 160th anniversary of the academy V. V. Ginzburg. Arkh. anat gist. i embr. 37 no. 11:114-121 N '59.

ANATOMICAL SOCIETIES
Activities of the All-Union Scientific Society of Anatomists Histologists, and Embryologists during 1955-58 E Sh Gerlovin Arkh anat gist. i embr. 37 no 10:94-106 O '59

ANATOMICAL SPECIMENS—COLLECTION AND PRESERVATION
G. V. Shor's method for the preparation of some anatomical preparations for teaching purposes. A. S. Gusev, T. N. Shchelkunova. Arkh anat. gist. i embr. 37 no. 11: 109-113 N '59.

ANATOMY
(see also subdivision under China)
Principles of functional anatomy. B. A. Dolgo-Saburov. Arkh. anat. gist. i embr. 37 no. 11:3-23 N '59.

ANATOMY—BIBLIOGRAPHY see Bibliography—Anatomy

ANATOMY, HUMAN—STUDY AND TEACHING
Some problems in teaching human anatomy in universities. R. M. Shakhuniants Arkh. anat gist. i embr 37 no 10: 107-111 O '59

ANATOMY, PATHOLOGICAL
Vail', S. S. [Pathological anatomy of diseases caused by poisonous substances] Patologicheskaia anatomiia porazhenii, vyzyvaemykh otravliaiushchimi veshchestvami. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958. 185 p.
(DNLM)

ANATOMY, PATHOLOGICAL—CONGRESSES
Third All-Union Conference of Pathoanatomists. B. I Monastyrskaia Zdrav Tadzh 6 no 6:47 '59
Third All-Union Congress of Pathoanatomists. L. M. Samoilova. Sov. med. 23 no. 12:124-128 D '59.

ANCHORS
Strength calculations for end links of anchor chains in the elastic and plastic stages D E. Iskritskii, L. L Val'ter. Trudy LKI no. 16:60-75 '55.

ANCHOVIES
Mechanical strength of anchovy eggs and reproduction characteristics related to it. IU P. Zaitsev. Vop. ikht no. 12:89-91 '59.

ANDIZHAN—RESTAURANTS, LUNCHROOMS, ETC.
Tearoom for the elderly. L. Grishin. Obshchestv. pit. no. 10:14-15 O '59.

ANDIZHAN (FERGANA PROVINCE)—PACKING HOUSES—EQUIPMENT AND SUPPLIES
Improving the production. V. Vartanov. Mias. ind. SSSR 30 no. 2:16-17 '59.

ANDIZHAN PROVINCE—EXCAVATIONS (ARCHAEOLOGY)
Archaeological works in Andizhan Province in 1956. V. I. Kozenkova. Krat. soob. IIMK no. 76:56-62 '59.

ANDIZHAN REGION (UZBEKISTAN)—REMOTE CONTROL
Remote control of wells. Neftianik 3 no. 10:32 O '58.

ANDREEVKA DISTRICT (ALMA-ATA PROVINCE)—STOCK AND STOCKBREEDING
We deliver only well-fattened livestock. S. Beisembaev. Part. zhizn' Kazakh. 28 no. 6 64-65 Je '59.

ANEMIA
Effect of the transfusion of diluted cold-resistant blood on hemopoiesis in anemic patients [with summary in English] N. N. Klimova, L. IA Peshkova Probl. gemat. i. perel. krovi 4 no. 12:23-26 D '59
Neural factor in the stimulating effect of blood transfusion [with summary in English, p 57]. V A Aladashvili. Probl gemat. i perel. krovi 4 no. 12:37-39 D '59.
On the pathogenesis of aplastic conditions of the hemopoietic organs, experimental studies [with summary in English, p. 56]. M S. Lapteva-Popova, N. A Kraevskii, Probl. gemat. i perel krovi 4 no. 12:3-14 D '59

ANEMOMETER
Direction on velocity indicating anemometer with a screw type receiver. D. IA. Surazhskii. Trudy NIIGMP no. 8. 11-22 '59.

ANESTHESIA
Anesthesia and shock prevention in acute radiation sickness. A. N. Syzganov, B. S. Babashev, IU. M. Briakin Vest. AN Kazakh. SSR 15 no. 12:57-65 D '59.
Causes of disturbances of respiration and gas metabolism in inhalation anesthesia. A M Serednitskii Nov. khir. zhur no 6:70-83 N-D '59
Fatal heart wound caused by an injection needle in carrying out anesthesia of the abdominal wall I F Ogarkov Sud.-med. ekspert. 2 no 3 50-51 Jl-S '59.
Kassil', G. N. [Pain and anesthesia] Bol' i obezbolivanie. Moskva, Izd-vo Akad. nauk 1958 229 p. (Nauchno-populiarnaia seriia)
(DNLM)

ANESTHESIA, LOCAL see Local anesthesia

ANESTHESIA, SPINAL see Spinal anesthesia

ANESTHESIA IN CHILDHOOD see Pediatric anesthesia

ANGARA RIVER
Mazurenko, G. V. [The Angara and the Lena in the Baikal region] Angara i Lena v Pribaikal'e. Leningrad, Gidrometeor. izd-vo, 1959. 92 p. (Reki zemnogo shara)

ANGARA RIVER—HYDROELECTRIC POWER STATIONS
Lights of the Angara. V Dairedzhiev Fizk i sport 29 no 11 22-24 N '59

ANGARA VALLEY—ANTIQUITIES
Archaeological explorations in the Angara River Valley in 1956. Z. A. Abramova, A. P. Okladnikov, E. F. Sediakina. Krat. soob IIMK no. 76:33-41 '59.

ANGARA VALLEY—STEPPES
Steppes of the Angara region and their relation to steppes of adjacent areas. G. A. Peshkova. Izv. Sib. otd. AN SSSR no. 11 62-68 '59.

ANGARSK—AMATEUR MOTION PICTURES
Amateur motion-picture photographers from Angarsk are filming. N. Igonina. Isk. kino no. 1:151 Ja '60.

ANGINA PECTORIS
Problem of radioactive iodine therapy in stenocardia, preliminary report [with summary in English]. I. K. Grabenko, A. I. Dombrovskii, A. S. Kudinov. Vest. rent. i rad. 34 no. 2:31-34 Mr-Ap '59.

ANGIOCARDIOGRAPHY
Contrast study of the heart and vessels in the diagnosis of diseases of the mediastinal organs. G. A. Natsvlishvili. Nov khir zhur. no. 6:45-49 N-D '59.
Malinovskii, N. N. [Use of angiocardiography and sounding in the diagnosis of congenital heart defects] Opyt primeneniia angiokardiografii i zondirovaniia v diagnostike vrozhdennykh porokov serdtsa. Moskva, Medgiz, 1959. 70 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ANGIOGRAPHY
Use of triiodotrast for angiography in obliterating endarteritis of the lower extremities [with summary in English]. M. P. Viliauskii. Vest. khir. 83 no. 11: 52-53 N '59.

ANGIOSPERMS
Significance of the male gametophyte for the taxonomy of angiosperms [with summary in English] F. E. Rudenko. Bot zhur 44 no. 10 1467-1475 O '59

ANHYDRIDES
Study of the influence of increased pressure on the rate of the reaction between solid anhydrides and amines. M. Kh. Gluzman, D. G. Arlozorov. Zhur. prikl. khim. 31 no. 4: 657-658 Ap '58.

ANILINE
Catalytic preparation of dimethylaniline [in Georgian with summary in Russian]. A. V. Kikvidze. Trudy Inst. khim. AN Gruz. SSR 14:151-158 '58.
Determination of molecular weight by the cryoscopic method. The binary system aniline - acetic acid. E. F. Zhuravlev, M. A. Bolarshinova. Zhur. ob. khim. 30 no. 4:1070-1075 Ap '60.
Separation of chloranilines by partition chromatography. D. F. Kutepov, A. A. Potashnik, N. I. Karavanova. Zhur. prikl. khim. 32 no. 8.1886-1888 Ag '59.
Study of the liquid phase equilibrium in the system water - isooctane - aniline. A. D. Sheveleva. Izv. vys. ucheb. zav., khim. i khim. tekh. 2 no. 6:881-885 '59.

ANIMAL HEAT
Role of litter in the heat exchange of young farm animals [with summaries in English, German, and French]. A P. Protopopov Vest. sel'khoz nauki 4 no 12:48-57 D '59

ANIMAL MECHANICS
Mechanism of head movements in pigeons [in Azerbaijani with summary in Russian]. Sh. A. Rustamova. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:95-104 '59.

ANIMAL POPULATIONS
Effect of population density on the growth and reproduction capacity of fishes (exemplified by the crucian carp). V. E. Bekker Trudy Mosk. tekh. inst ryb prom. i khoz. no. 10 210-218 '59.
Effect of the density of the population on the development of its components and the mortality rate in Cyclops (Copepoda, Cyclopidae) [with summary in English]. A L Zelikman, A. K. Geimikh. Biul MOIP. Otd. biol 64 no 4 125-139 Jl-Ag '59
Mutation process in populations. T. A. Toropanova. Dokl. AN SSSR 132 no. 2.460-463 My '60.

ANIMALS, ABNORMALITIES OF see Abnormalities (Animals)

ANIMALS, FOOD HABITS OF
Feeding habits of the mite Eulaelaps stabularis C. L Koch, 1836 (Laelaptidae, Gamasides, Parasitiformes) [with summary in English]. R. G. Kozlova. Zool zhur. 38 no. 1:44-53 Ja '59.

ANIMALS, HABITATIONS OF
Results of temperature measurements in beaver rooms [with summary in English] V. V. Dezhkin. Zool. zhur. 38 no. 1:126-131 Ja '59.

ANIMALS, PARTHENOGENESIS IN see Parthenogenesis (Animals)

ANIMALS AS CARRIERS OF DISEASE
Case of collective infection with Q fever. N. N. Sterkhova, IA. S Entin Azerb med. zhur. no. 11:74-79 N '59
Role of wild animals in the formation of foci of diphyllobothriasis. T. P. Chizhova. Med. paraz. i paraz. bol. 26 no. 6:710-711 N-D '57.

ANIMALS IN ART
Monuments to animals. IA. IAsyns'kyi. Znan. ta pratsia no. 12:13 D '59.

ANISOLE
Simultaneous polycondensation of phenoxyacetic acid and anisole with formaldehyde. A. A. Vainsheldt, N. N. Kuznetsova, K. P. Papukova. Zhur. prikl. khim. 32 no. 12:2698-2703 D '59.

ANISOTROPY
Theory of the ideal plastic anisotropy. D. D. Ivlev. Prikl. mat. i mekh. 23 no. 6:1107-1114 N-D '59.

ANKYLOSTOMIA see Hookworms

ANNAMESE LANGUAGE—PHONETICS
Consideration of the phoneme in the Vietnamese language M. V Gordina. Vop iaz. 8 no 6:103-109 N-D '59

ANNEALING OF METALS
Changes in mosaic block dimensions during the annealing of cold-rolled nickel. IU. M. Kuz'min, I. N. Novikov, I. L. Rogel'berg. Izv. vys. ucheb zav.; chern. met no. 3:90-99 '60.
Changing conditions for the annealing of cast iron roofing materials V. I. Aldonina, V N. Malstrenko, M. I. Markovnenkova. Prom. energ. 14 no. 12 33 D '59
Device for the bright annealing of wire during the high-speed drawing process. IU. I. Rodionov. Metalloved. i term. obr. met. no. 1:52-53 Ja '60.

ANNIVERSARIES
Noteworthy dates. Nar. obr. no. 5:142-143 My '60.
Noteworthy dates for 1960. Lit. v shkole 20 no. 6:93 N-D '59.
Our anniversary calendar. Nauka i zhyttia 8 no 10 63 O '58

ANNOPOL'SKII, SENIA
About my fighting friend. K. Ivanov. Neva no. 11:224 '59.

ANOXEMIA
Phosphorus compounds and lactic acid in brain and heart tissues of hypothermic animals during cardiac arrest and during restoration of systemic circulation by a series of therapeutic procedures [with summary in English]. Z. A. Raiko, I. R. Petrov, T. E. Kudritskaia. Fiziol. zhur. 45 no. 12:1489-1496 D '59.

ANSHAN—STEEL INDUSTRY
The "great leap" and fraternal friendship. Chao Ping-chu. Mol. komm. no. 12.103-107 D '59.

ANTARCTIC REGIONS
Rusin, N. P. [Continent beyond the clouds] Kontinent za oblakami. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 173 p.
Suzlumov, E. M. [A life devoted to Antarctica; Douglas Mawson, the explorer of Antarctica] Zhizn', Otdannaia Antarktide. Issledovatel' Antarktiki Duglas Mouson. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 78 p. (Zamechatel'nye geografy i puteshestvenniki)

ANTARCTIC REGIONS—FISHES—ANATOMY

The number of vertebrae and some osteological characters of Antarctic fishes, as evidenced by X-ray photographs A P Andriiashev Vop ikht. no 12:3-7 '59

ANTARCTIC REGIONS—METEOROLOGICAL STATIONS

The ninth bastion IU Kruchinin Vokrug sveta no 1 9-10 Ja '60

ANTARCTIC REGIONS—METEOROLOGY

Scientific conference on the meteorology of the Antarctic V A Bugaev Izv AN SSSR Ser geog no 2 133-134 Mr-Ap '60

ANTARCTIC REGIONS—SPORES (BOTANY)

First find of ancient spores in the Antarctic [with summary in English]. O S. Vialov, B. V Tymofieiev. Dop. AN URSR no.10 1133-1135 '59.

ANTARCTIC REGIONS—WHALES

Reproduction cycle of finback and humpback whales (Balaenoptera physalus L and Megaptera nodosa Bonn.) in the Atlantic sector of the Antarctic [with summary in English]. A N. Kulikov, M V. Ivashin. Zool. zhur 38 no. 1 123-125 Ja '59

ANTARCTIC REGIONS—WHALING

Shister, E. L. [To Antarctic after whales] V Antarktiku za kitami. Moskva, Gos. izd-vo kul'turno-prosvetitel'-noi lit-ry, 1948. 71 p.

Twelve voyages to the Antarctic (continuation) O. Solianyk Nauka i zhyttia 8 no 5 51-56 My '58

ANTELOPES, FOSSIL see subdivision under Mayachnyy region

ANTENNAS (ELECTRONICS)

Answer to B. V. Braude's letter. A. V Gaponov, M. A. Miller Zhur. tekh. fiz 29 no 10:1291 O '59.

Antennas for ZhR-4 transmitter-receiver sets IA L. Khaikin Avtom telem i sviaz' 3 no 12 11-14 D '59

Calculation of losses in hyperbolic lenses which are excited by a Hertz dipole. I. F. Dobrovol'skii, V. P. Smirnov. Radiotekhnika 14 no. 12:3-7 D '59.

Decrease in the gain of receiving antennas of tropospheric communication lines. B S. Nadenenko, I. A. Gusiatinskii. Elektrosviaz' 13 no. 12:10-16 D '59

Device for observing antenna directivity diagrams on polar coordinates. V O. Kobak Elektrosviaz' 13 no. 12:72-73 D '59.

Expanded waveband tower-type antenna with deceased wave impedance. E. A. Anfilov. Elektrosviaz' 13 no. 10 30-37 O '59.

In reference to A. V. Gaponov and M. A. Miller's article "On the integral equation ofr currents in the theory of metallic aerials." B V. Braude, Zhur. tekh. fiz. 29 no 10:1289-1290 O '59

Structure of the space propagation pattern and polarization of radiation from a reflector antenna. B. E. Kinber. Radiotekh. i elektron. 5 no. 5 720-726 My '60.

Uniqueness of the solution to Fredholm's integral equations of the first kind in the antenna theory. N. N Govorun Dokl. AN SSSR 132 no 1 91-94 My '60.

ANTHELMINTICS

Chemistry of dihydroresorcinol. Report No. 3: Synthesis and anthelminthic effect of dihydroresorcinol derivatives having branched aliphatic chains. V. N. Gunar, S. I. Zav'ialov, A. I. Krotov. Izv. AN SSSR Otd. khim. nauk. no. 3: 535-537 '60.

ANTHRANILIC ACID

Phase equilibria in the system anthranilic acid - water - ethyl alcohol. I. L. Kurpashkin. Zhur. ob. khim. 30 no. 4:1078-1081 Ap '60.

ANTHRAQUINONE

Colored compounds of metals with hydroxyanthraquinones. A. K. Babko, T. N. Nazarchuk. Rab. po khim. rastv. i kompl. soed. no. 2:199-215 '59.

Hydrogenation of 2-ethylanthraquinone in the presence of a skeletal nickel catalyst. L. Kh. Freidlin, E. F. Litvin. Izv. AN SSSR Otd. khim. nauk no. 4:734-738 Ap '60.

Influence of mixed solvent composition on the rate and selectivity of the hydrogenation of 2-ethylanthraquinone. L. Kh. Freidlin, E. F. Litvin, V. E. Ditsent. Dokl. AN SSSR 131 no. 6:1362-1365 Ap '60.

ANTHRAX

Epidemiology of rarely met clinical forms of anthrax A. IA. Zaporozhchenko Vrach. delo no. 11,1205 N '59

ANTHROPOGENESIS see Man—Origin

ANTHROPOLOGY

Levin, M. G. [Studies on the history of anthropology in Russia] Ocherki po istorii antropologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 174 p.

ANTIBIOTICS

Candidomycosis following use of antibiotics. E. N. Isakova Vrach. delo no. 11:1195-1197 N '59.

Data on pharmacological and pathomorphological investigations of gramicidin paste in rabbits and white rats. A I Tareeva, N. G. Shakhnazarova Akush. i gin 35 no 6.18-19 N-D '59.

Effect of certain antibiotics on the different species of Pasteurella in farm animals and poultry [in Azerbaijani with summary in Russian]. A. A. Askerov. Dokl. AN Azerb SSR 15 no. 11:1061-1065 '59.

Form of gramicidin for contraceptive use. A. M. Pozharskaia. Akush. i gin. 35 no. 6:17-18 N-D '59.

Fungous pneumonia in connection with antibiotics treatments. O M Kozlova Vrach delo no 11 1197-1200 N '59.

Gauze, G. F. [Lectures about antibiotics] Lektsii po antibiotikam. Izd. 3., dop. Moskva, Gos. izd-vo med. lit-ry, 1958. 354 p.
(DNLM)

Gramicidin paste, a new contraceptive. G. N. Pershin, S N. Milovanova. Akush i gin. 35 no 6 15-17 N-D '59.

Heritable variability in certain micro-organisms induced by antibiotics [with summary in English]. S. T. Filipposian. Zhur. ob. biol. 20 no. 6.461-463 N-D '59.

Mechanism of the stimulating effect of antibiotics. S. A. Babaian Uch. zap. MGZPI 2:14 '59.

Method for the primary selection of antitumor antibiotics. M. M. Maevskii. Vest. AMN SSSR 14 no. 12:13-16 '59.

"Methods of searching for new antibiotics" by G. F. Gauze. Reviewed by V. V. Alpatov. Mikrobiologiia 28 no. 6: 948-949 N-D '59.

Scientific institutions for the investigation and study of antibiotics in the United States. G. K. Skriabin. Izv. AN SSSR. Ser. biol. 24 no. 6:935-943 N-D '59.

Treatment of brucellosis with combined antibiotics. K. D. Dzhalilov. Izv. AN Uz. SSR. Ser. med. no. 6:42-48 '59.

Use of antibiotics as a factor in the growth and survival of poultry. S. A. Babaian Uch. zap MGZPI 2.5-13 '59

Use of gramicidin paste as a contraceptive. N. IA. Gusakova-Fedorova, E. D. Selezneva. Akush. i gin. 35 no. 6:19-20 N-D '59.

ANTICOAGULANTS (MEDICINE)

Anosov, N. N. [Treatment and prevention of thrombosis of the cerebral vessels with anticoagulants] Lechenie i preduprezhdenie trombozov sosudov golovnogo mozga antikoaguliantami. [Leningrad] Medgiz, 1959. 111 p.
(DNLM)

ANTIGENS AND ANTIBODIES

Aloe extract as a factor changing the normal physiological properties of blood. K. A. Sadykhov. Azerb. med. zhur. no 11:35-38 N '59.

Origin of the ability of antigen synthesis. M. G. Sevag. Zhur. ob. biol. 20 no. 6:409-417 N-D '59.

Role of disorders of the immunobiological system in the pathogenesis of burn processes of the cornea [with summary in English] N S. Shul'gina Oft. zhur 14 no. 6: 323-327 '59.

ANTIMONY
(see also subdivision under Tien Shan)

Distribution of tin, antimony, and tellurium on anionites. V. N. Rybakov, I. I. Stronskii. Zhur. neorg. khim. 4 no. 11:2449-2451 N '59.

Investigating the crystallization of antimony in thin layers. L. S. Palatnik, V. M Kosevich Kristallografiia 4 no 5: 673-677 S-O '59.

ANTIMONY—ANALYSIS

Detection of antimony in biological material by the fractional method. A. N. Krylova. Sud.-med. ekspert. 2 no. 3:31-36 Jl-S '59.

Determination of antimony and arsenic in slimes. A. N. Polukarov, O. K. Seliianina. Zav. lab. 25 no. 12:1447-1448 '59.

ANTIMONY IODIDE

Phase equilibrium in solutions of silicon tetraiodide and antimony triiodide. V. N. Cherniaev, A I. Pustil'nik. Izv. vys. ucheb. zav.; tsvet met. 2 no. 6:147-153 '59.

ANTIMONY ORES see subdivision under Dzhizhikrut

ANTIMONY PLATING

Antimony electroplate and its properties. N. P. Fedot'ev, S. IA. Grilikhes, I. B. Naryshkina. Zhur. prikl. khim. 32 no. 12:2706-2709 D '59.

ANTIMONY SULFIDES—PHYSIOLOGICAL EFFECT

Influence of the body of breathing antimony trisulfide dust. G. E. Poteriaeva. Vrach delo no. 11:1215 N '59

ANTIMONY-TELLURIUM ALLOYS

The system antimony-tellurium. N. Kh. Abrikosov, L. V. Poretskaia, I. P. Ivanova. Zhur. neorg. khim. 4 no. 11: 2525-2530 N '59.

ANTIPOV-KARATAEV, IVAN NIKOLAEVICH, 1888-

Seventieth birthday of Academician I. N. Antipov-Karataev. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:131-144 '59.

ANTIQUITIES see subdivision under Adler District; Angara Valley, Hwanghae; Kiev; Krivaya Valley, Stavropol Territory; Leninabad Province; Mediterranean region; Novgorod; Odessa Province; Olbia, Borysthenes; Penza Province; Pergama; Russia; Sukhumi; Tajikistan; Tashkent; also subdivision 'Cities and towns, Ruined, Extinct, Etc.' under Bukovina; Klyaz'ma Valley; Pendzhikent; Uzgen; also Geok-Syur; Karadepe

ANTISEPTICS

Effect of antibacterial substances on the electrophoresis rate of microbes F V Stakhovski Vestsi AN BSSR Ser biial nav no 4 115-121 '59

Effect of biogenic stimulants on the growth of suckling pigs. S. E Torosian. Svinovodstvo 13 no. 12:41 D '59.

ANTITANK GUNS

Evdokimov, B. I. [Rocket-powered antitank missiles; based on the foreign press] Protivotankovye upravliaemye reaktivnye snariady, po materialam inostrannoi pechati. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 73 p.

ANTS

Interview with an ant. I. Khalifman. Znan. sila 34 no. 11: 35-37 N '59.

APARTMENT HOUSES
(see also subdivision under France, Leningrad; Lyublino; Minsk Province, Moscow; Novosibirsk; Russia, Northern; Russia, Southern, Tashkent; Ukraine; Vilnius; Yongi)

Assembling large-panel houses with materials taken directly from trucks. A. G. Rotmovskii. Mekh. stroi. 17 no. 1:20-23 Ja '60.

Designs of multistoried apartment houses E Z Shatskii. Opyt stroi 22:67-90 '59

Gas heaters for heating and drying buildings A Shlenkin Zhil stroi no 11 9-12 '59

Introduce vibrated brick panels in mass construction. G. Kuznetsov. Arkhit. SSSR no. 12:1-10 '59.

Multistoried apartment houses. A. P. Sedov, I. N Filippovich Opyt stroi. 22 3-66 '59

New plants producing large building panels cast in vertical molds V. A Glenkii, P. P Velichko. Bet i zhel.-bet no. 12:534-538 D '59

Open prefabricated room-units for apartment houses. B. Makarychev. Arkhit. SSSR no. 12.10-41 '59.

Permissible spaces between apartment houses in the Leningrad latitude [with summary in English, p. 17]. N. S. Anishchenko. Gig. i san. 24 no. 12:12-17 D '59

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Kishinev; Leipzig

APARTMENT HOUSES—VENTILATION

Ducts for the ventilation of apartment houses. Nizazi Rzaev. Isk. Azerb. no. 7:265-273 '60.

APATITE
(see also subdivision under Ural Mountains)

Determination of the total amount of titanium sesquioxides and dioxides in apatite concentrates. I. D. Nikitina. Zav. lab. 25 no. 12:1445-1446 '59.

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPENDICITIS
(see also subdivision under China)

Acute appendicitis combined with torsion of an intra-abdominal cyst of the spermatic cord Z. K. Duplik. Nov khir. zhur. no 6:106-107 N-D '59.

Conversion of an inguinal-scrotal hernia into an inguinal one as a result of chronic appendicitis [in Azerbaijani with summary in Russian]. S. G. Salmanov. Azerb. med. zhur. no. 12:69-70 D '59.

Diagnosis of acute appendicitis in children. L. V. Prokopova. Nov. khir. zhur. no. 6:74-79 N-D '59.

Liver function (condition of some metabolism processes) in patients operated on for various types of appendicitis. M. S. Salekhov. Azerb. med. zhur. no. 12:41-49 D '59.

On diagnosis of chronic appendicitis. M. D. Drugobitskii. Nov. khir. zhur. no. 6:105-106 N-D '59

APPENDIX (ANATOMY)

Cytological picture of the acutely inflamed vermiform appendix. O. N. Bugaiskaia. Nov. khir. zhur. no. 6:110-117 N-D '59.

APPETITE

At the dinner table. Zdorov'e 5 no. 12:14-15 D '59.

Lebedev, D. D. [How to deal with poor appetite in children] Kak borot'sia s plokhim appetitom u detei. Moskva, Medgiz, 1959. 13 p. (Sovety roditeliam)
(DNLM)

APPLE

Apple trees for seed and the effect of various pollinizers and varieties used for grafting on the root system of stock. A. P. Gorbacheva. Dokl. Akad. sel'khoz 24 no. 12.13-17 '59

How the development of apple rootstock affects age change in grafts [with summaries in English, German, and French]. Iordan Stoichkov. Vest. sel'khoz. nauki 4 no. 11:110-115 N '59.

Microclimatic conditions in apple tree crowns. M. D. Kushnirenko, N. M. Chernykh Sad i og. 97 no. 12. 44-46 D '59.

Some apetalous forms of the apple tree. A. S. Devíatov. Bot. zhur. 44 no 11:1053-1057 N '59.

Studying biological properties of apple trees obtained from heterogeneous tissues. E. S. Chernenko. Dokl. AN SSSR 132 no. 2:474-477 My '60.

APPLE—DISEASES AND PESTS

Intensity and qualitative directivity of photosynthesis in chlorotic apple trees [with summary in English]. G. A. Evtushenko, L. A. Shpota. Fiziol. rast. 6 no.6:679-683 N-D '59.

APPRAISAL see Valuation

APPROXIMATE COMPUTATION

Best approximations with the weight on a straight line. S. N. Mergelian. Dokl. AN SSSR 131 no.2:287-290 My '60.

Problem of constructing bilateral approximations for the real values of a one-dimensional boundary problem [with summary in English]. [illegible] Dop. AN URSR no.10:1047-1050 '59.

APRAXIA

Clinical and pathogenic aspects of apraxia of the face, mouth, and tongue [with summary in French]. K. Arsent, M. I. Bolev. Zhur. nevr. i psikh. 59 no.10:1110-1121 '59.

APRICOT

Soil management in apricot orchards. G. M. Santrosian, A. B. Andreasian. Sad i og. 27 no.11:55-56 N '59.

APSHERON ARCHIPELAGO—WATER, UNDERGROUND

Characteristics of waters of the KS and KP series of the Darwin Shoal field [in Azerbaijani with summary in Russian]. A. R. Akhundov, IA. M. Dashyrov. Dokl. AN Azerb. SSR 15 no.12:1147-1151 '59.

APSHERON PENINSULA—OIL WELL LOGGING, RADIATION

Study of producing horizons in the lower and middle divisions in the Karadag field based on radioactive logging data. G. K. Logovskaia. Azerb. neft. khoz. 39 no.6:10-11 Je '60.

APSHERON PENINSULA—PEPPERMINT

First results of a study of peppermint on the Apsheron Peninsula. [illegible] Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no.6:59-61 '59.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Characteristics of petroleum, gas, and water in the Kala series of the Gousan field. A. A. Karamian, S. T. Ovnatanov, G. P. Tamrazian. Azerb. neft. khoz. 39 no.6:7-10 Je '60.

Correlation of cross sections of the Apsheron producing formation and west Turkmenistan red beds. G. I. Gorin. Azerb. neft. khoz. 39 no.6:4-7 Je '60.

Modern and buried kir covers on the Apsheron Peninsula. V. A. Gorin. Dokl. AN Azerb. SSR 15 no.12:1129-1134 '59.

APSHERON PENINSULA—Q FEVER

Case of collective infection with Q fever. N. N. Cherkasova, [illegible] Azerb. med. zhur. no.11:[illegible] N '59.

APSHERON PENINSULA—SEISMOLOGY

Small seismic station [in Azerbaijani with summary in Russian]. F. S. Gillanov, Z. Z. Gillanova, S. M. Alieva. Dokl. AN Azerb. SSR 15 no.12:1121-1127 '59.

APSHERON PENINSULA—SPIROCHETOSIS

Appearance of new natural foci of tick-borne spirochetosis on the Apsheron Peninsula. N. A. Bairamova. Azerb. med. zhur. no.11:72-74 N '59.

APSHERON PENINSULA—WATER, UNDERGROUND

Waters of the Apsheron stage of oil fields of the central part of the Apsheron Peninsula [in Azerbaijani with summary in Russian]. F. S. Magerramova. Dokl. AN Azerb. SSR 15 no.11:1041-1046 '59.

AQUATIC BIRDS see Water birds

ARABOGALACTAN

Arabogalactan and other substances obtained by aqueous extraction from Siberian larch (Larix dahurica). I. P. Tsvetaeva, A. V. Merkur'eva. Zhur. prikl. khim. 32 no.12:2707-2711 D '59.

ARAGON, LOUIS, 1897-

Several characteristics of contemporary French phraseology, based on Louis Aragon's prose. O. I. Aleshinkova. Uch. zap. MGPIIIA 19:303-304 '59.

ARAL KARA-KUM—GEOLOGY, STRUCTURAL

Relief formation in the Aral Kara-Kum. A. V. Popov. Trudy Sekt. geog. AN Kazakh. SSR no.4:187-192 '59.

ARAL SEA

Capital scientific work on the Aral Sea ("The Aral Sea" by L. S. Berg). Reviewed by A. F. Plakhotnik. Sov. Kazakh. 25 no.5:125-126 My '59.

ARAL SEA REGION—PHYSICAL GEOGRAPHY

Land forms of the Aral-Dzhezkazgan region. A. V. Chigarkin. Trudy Sekt. geog. AN Kazakh. SSR no.5:165-183 '59.

ARAUCARIACEAE

Notes on the anatomy of wood in Araucariaceae. I. M. Kisluk. Bot. zhur. 44 no.11:1624-1631 N '59.

ARBITRATION AND AWARD

Decisions of arbitration agencies. Sov. iust. no.12:60-60 D '59.

Practice of the Government Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Sots. zakon. 36 no.12:81-83 D '59.

ARBORETUMS see subdivision under Alma-Ata

ARC, ELECTRIC see Electric arc

ARC LAMPS see Electric lamps, Arc

ARC WELDING see Electric welding

ARCHAEOLOGY

Main stations on the medieval trade route from Serakhs to Merv. K. A. Adykov. Sov. arkheol. no.4:212-227 '59.

Problems in the archaeological study of the Golden Horde. A. P. Smirnov, G. A. Fedorov-Davydov. Sov. arkheol. no.4:126-134 '59.

Session on the results and prospects of studies in archaeological and ethnological complex expeditions. [illegible] no.6:164 N-D '59.

Using soil analysis methods in archaeology. [illegible] Sov. arkheol. no.4:175-180 '59.

ARCHAEOLOGY—PERIODICALS

List of articles published in "Sovetskaia arkheologiia" for 1959. Sov. arkheol. no.4:316 '59.

ARCHAEOLOGY—STUDY AND TEACHING

(see also subdivision under Daghestan, Tiflis)

Session of the Department of Historical Sciences of the U.S.S.R. Academy of Sciences and plenum of the Institute of History of Material Culture dedicated to the 1959 archaeological and ethnographic explorations. M. G. Moshkova. Kratk. soob. IIMK no.76:115-[illegible] '59.

ARCHAEOLOGY, MEDIEVAL see subdivision under Baydar Valley

ARCHANGEL—CREATIVE ACTIVITIES AND SEAT WORK

Development of a school children's group through work. [illegible] Dosh. vosp. [illegible] no.1:22-25 Ja '60.

ARCHANGEL PROVINCE—AGRICULTURE

Current problems of economic development and distribution in Archangel Province. V. I. [illegible] Izv. AN SSSR. Ser. geog. no.2:46-60 Mr-Ap '60.

ARCHANGEL PROVINCE—DAIRY INDUSTRY

High rates of production. L. Pokatov. Mol. prom. [illegible] no.12:[illegible] D '59.

ARCHANGEL PROVINCE—FOREST FIRES—PREVENTION AND CONTROL

Aviation comes to the rescue. I. Artiukhov, [illegible] no.12:17-18 D '59.

ARCHANGEL PROVINCE—FOREST PRODUCTS

Current problems of economic development and distribution in Archangel Province. V. I. [illegible] Izv. AN SSSR. Ser. geog. no.2:46-60 Mr-Ap '60.

ARCHANGEL PROVINCE—PINE

Growing Siberian pine seedlings at the experimental station of the Archangel Forestry and Lumbering Institute. [illegible] Izv. vys. ucheb. zav.; les. zhur. 2 no.6:24-[illegible] '59.

ARCHES

Selecting sections of cross bars of reinforced concrete double arches according to the statistical method. [illegible]

ARCHITECTURE see subdivision under Crimea, Novgorod

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—CONSERVATION AND RESTORATION see subdivision under Rostov

ARCHITECTURE—DESIGNS AND PLANS

(see also subdivision under Leningrad, Ukraine)

For modern technology. Han Yung chi. Druzhba no.51: 8 D '59.

ARCHITECTURE, DOMESTIC

(see also subdivision under Finland)

Using industrial methods in constructing houses of few stories. B. Dymshits. Zhil. stroi. no.12:12-15 '59.

ARCHIVES

(see also subdivision under Baltic States, China; Sweden, Yugoslavia)

On the use of the documents in the State Archives of the U.S.S.R. I. S. Zinchenko and others. Ist. arkh. no.6: 175-[illegible] N-D '59.

The work of party archives: a review of their seven-year plans. V. V. Anikeev. Vop. ist. KPSS 4 no.1:191-195 '60.

ARCHIVES—BIBLIOGRAPHY see Bibliography—Archives

ARCHIVES—CONGRESSES

Fifth International "Round Table" Conference of Archives. G. A. Belov. Ist. arkh. no.6:[illegible] '59.

ARCTIC OCEAN—NAVIGATION

Edlinskii, S. F. [Forty years of the Soviet Northern Sea Route Ice-breaking Flotilla, historical sketch] 40 let Sovetskogo ledokol'nogo flota; istoricheskii ocherk. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 64 p.

The great Northern Sea Route. [illegible] no.1:16-21 '60.

ARCTIC REGIONS

On the ice expanses of the Arctic. [illegible]

ARCTIC REGIONS—AERIAL PHOTOGRAMMETRY

Present state of the mapping of [illegible]

ARCTIC REGIONS—BEACH EROSION

[illegible]

ARCTIC REGIONS—CLIMATE

Problems in Arctic climatology. [illegible]

ARCTIC REGIONS—FISHES

[illegible]

ARCTIC REGIONS—ICE

Effect of radiation [illegible]

ARCTIC REGIONS—FROZEN GROUND

[illegible]

ARCTIC REGIONS—LEAVES—OPTICAL PROPERTIES

Spectral characteristics of plants [with summary in English]. [illegible] '59.

ARCTIC REGIONS—PHOTOSYNTHESIS

[illegible]

ARCTIC REGIONS—RUSSIAN EXPLORATIONS

Moiseleev, D. L. [Scientific stations in the Far North] [illegible] Moskva, Izd-vo Akad. nauk SSSR.

Vol.1. [The high latitudes of the Arctic] [illegible] 1959. 43 p.

ARCTIC REGIONS—VEGETABLE GARDENING

Vegetable growing [illegible]

ARGENTINA—DESCRIPTION AND TRAVEL

Hanzelka, Jiří, and Miroslav Zikmund. [Across the river to Argentina] Translated from the Czech. Tam, za rekoi—Argentina. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 124 p.

ARGENTINA—INVESTMENTS, AMERICAN

Fuchs, Jaime. [The penetration of American monopolies into Argentina. Translated from the Spanish] [illegible] Argentinu. [illegible] Moskva, [illegible] 1959. 560 p.

ARGENTOMETRY

Argentometric method for the determination of [illegible] 45-47 D '59.

ARGINASE

Arginase activity [illegible]

ARGININE

Histochemistry of arginine and [illegible] [with summary in English]. M. P. [illegible] no.12:[illegible] '59.

ARGON

[illegible] of argon. [illegible]

Relation of the Ramsauer-Townsend effect [illegible] of electrons in spectrally pure argon. A. A. [illegible] and others. Zhur. tekh. fiz. [illegible] no.12:[illegible] '59.

ARGON—SPECTRA
[illegible]

ARGUMENTATION see Syllogism

ARITHMETIC
[illegible]

ARITHMETIC—PROBLEMS, EXERCISES, ETC.
Review of the [illegible]

ARITHMETIC—STUDY AND TEACHING
Draft of an arithmetic program for primary grades [illegible]
[illegible]
[illegible]

ARKADAK—MILK, CANNED
[illegible]

ARKADAK—PIPE, PLASTIC
[illegible]

ARKADAK—[illegible]
[illegible]

ARKHANGEL'SKAIA, ALEKSANDRA GAVRILOVNA, [illegible]
[illegible]

ARKHANGEL'SKII, VIACHESLAV NIKOLAEVICH
[illegible]

ARMS—[illegible]
[illegible]

ARMENIA
[illegible]

ARMENIA—[illegible]
[illegible]

ARMENIA—[illegible]
[illegible]

ARMENIA—COMMUNISM
[illegible]

ARMENIA—ECONOMIC CONDITIONS
[illegible]

ARMENIA—ECONOMIC POLICY
[illegible]

ARMENIA—FRUIT CULTURE
[illegible]

ARMENIA—HISTORICAL RESEARCH
[illegible]

ARMENIA—HISTORY
[illegible]

ARMENIA—JOURNALISM—STUDY AND TEACHING
[illegible]

ARMENIA—RELIGION
[illegible]

ARMENIA—MEDICINE, PREVENTIVE
[illegible]

ARMENIA—PIANO MUSIC—HISTORY AND CRITICISM
[illegible]

ARMENIA—REVOLUTION, [illegible]
[illegible]

ARMENIAN LANGUAGE—[illegible]
[illegible]

ARMENIAN LANGUAGE—[illegible]
[illegible]

ARMENIAN LANGUAGE—DIALECTS
[illegible]

ARMENIAN LANGUAGE—STUDY AND TEACHING
[illegible]

ARMENIAN LANGUAGE—[illegible]
[illegible]

ARMENIAN LITERATURE—TRANSLATIONS FROM THE [illegible]
[illegible]

ARMENIANS [illegible]

ARMIES [illegible]

ARMOR [illegible]
[illegible]

AROMATIC [illegible]
[illegible]

[illegible]

[illegible]

ARSENIC [illegible]
[illegible]

ARSENIC—ANALYSIS
[illegible]

ARSENIC COMPOUNDS
[illegible]

ARSENIC OXIDE—SPECTRA
Vibration spectrum and the structure of the Arsenous acid anhydride molecule. [illegible]

ARSENO COMPOUNDS
[illegible]

ARSONIC ACID
[illegible]

ART
(see also subdivision under Azerbaijan)
[illegible]

ART—ANALYSIS, INTERPRETATION, APPRECIATION
[illegible]

ART—BIBLIOGRAPHY see Bibliography—Art

ART—[illegible]
[illegible]

ART—[illegible]
[illegible]

ART EXHIBITIONS see subdivision under Moscow, New York (City)

ART—FORGERIES see Forgery of works of art

ART—[illegible] see subdivision under Germany, East

ART—PHILOSOPHY
[illegible]

ART—STUDY AND TEACHING see subdivision under Kiev, Moscow

ART—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Art—Study and teaching

ART, ABSTRACT
[illegible]

ART, AZERBAIJANI
[illegible]

ART, AZERBAIJANI—EXHIBITIONS see subdivision under Moscow

ART, CHINESE

Book on the art of China ("The art of People's China" by O N.Glukhareva. Reviewed by N. Vinogradova). Iskusstvo 22 no.11:80 '59.

Life and art in the new China. Yang Na-Wei Iskusstvo 22 no.10,5-6 '59.

[Monuments of Chinese art in museums of the U.S.S.R.] Pamiatniki iskusstva Kitaia v muzeiakh SSSR. Moskva, Gos.izd-vo izobraz.iskusstva, 1959. 11 p., illus.

ART, CHINESE—EXHIBITIONS see subdivision under Leningrad

ART, DECORATIVE

Abstract forms in decorative-applied art and abstractionism. S Rappoport. Iskusstvo 22 no.9:36-42 '59.

ART, GREEK see subdivision under Leningrad

ART, INDONESIAN

[The art of Indonesia] Iskusstvo Indonezii. Moskva, Gos. izd-vo izobraz.iskus., 1959. [9] p., illus.

ART, IRAQI

The Iraqi school of painting and sculpture. Abbo an-Numan Faraj. Iskusstvo 22 no 11:48-49 '59.

ART, IRAQI—EXHIBITIONS see subdivision under Moscow

ART, MEXICAN—EXHIBITIONS see subdivision under Moscow

ART, POLISH

For realism and against abstractionism! A.Obretenov. Iskusstvo 22 no 7:25-28 '59

ART, RENAISSANCE

Dmitrieva, O.B. [Artists of the Italian Renaissance, from the 14th to the 16th century, for children] Khudozhniki ital'ianskogo vozrozhdeniia XIV-XVI vv., dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 42 p. (Puteshestviia v proshloe po zalam Ermitazha)

Lazarev, V.N. [The origins of the Italian Renaissance in three volumes] Proiskhozhdenie ital'ianskogo vozrozhdeniia v trekh tomakh. Moskva, Izd-vo Akad.nauk SSSR.

Vol.2. [Art of the fourteenth century] Iskusstvo trechento. 1959. 584 p.

ART, UKRAINIAN—EXHIBITIONS see subdivision under Kiev

ART AND RELIGION

"The most ancient religious beliefs and ritual graphic art of the Georgian tribes" by V.V.Bardavelidze. Reviewed by M.K.Gegeshidze. Sov.etn. no.6:201-204 N-D '59.

ART CRITICISM

The tasks of the art critic. Iskusstvo 22 no.10:3-5 '59.

Thoughts about critics. V.TSigal'. Iskusstvo 22 no.11:41 '59.

Undivided attention to art critics! Iskusstvo 22 no.12 6-9 '59.

What we expect of the art critics. Iskusstvo 22 no.10:14-17 '59.

ART GALLERIES AND MUSEUMS see subdivision under Dresden, Leningrad

ART IN MOTION PICTURES

A big and necessary matter. IU.Znamenskii. Iskusstvo 22 no.11.34 '59.

Such pictures are needed IU Znamenskii. Isk.kino no 12 123-126 D '59

ART INDUSTRIES

(see also subdivision under Ukraine, Western)

Moscow. Nauchno-issledovatel'skii institut khudozhestvennoi promyshlennosti. [Art industries of the R.S.F.S.R.; a reference manual] Khudozhestvennye promysly RSFSR, spravochnik. Moskva, Vses.koop.izd-vo, 1959. 119 p.
(MH)

ART INDUSTRIES—EXHIBITIONS

(see also subdivision under Peiping)

Exhibition of Ukrainian souvenirs. I.Sakovych, I.Sybibert. Nar.tvorch.ta etn. 3 no.3:145-146 Jl-S '59.

ART INDUSTRIES, KAZAKH

Folk craftsmen L Smolianinova. Sov.Kazakh. 24 no 2 110-112 F '58.

RTEM—DEAF—SOCIETIES, ETC.

I is quiet in the Maritime Territory. S.Korchuganov. n' glukh. 12 no.11:9 N '59.

ubdivision under Pamirs)

the essential oil of the Artemisia rufaefolia v, Zh.K Gimaddinov Zhur.prikl.khim. 32 880 Ag '59.

ARTEMOVSK DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

Nonstaff members of the city committee of the party are helping us M.Finkel'shtein. Raspr.pech. no 12:17 D '59.

ARTERIES

Arteries of the human abdominal aortal paraganglion [with summary in English]. O Z Lopushenko Dop.AN URSR no 12 1364-1367 '59

ARTERIES—SURGERY

Two observations of embolectomy. M.I.Bystritskii. Nov. khir zhur. no.6:94-95 N-D '59

ARTERIOSCLEROSIS

Atherosclerosis and vitamins IA.IU.Shpirt Zdorov'e 6 no 1 21-23 Ja '60

Atherosclerosis; some problems in pathogenesis, prophylaxis, and treatment. P.E.Lukomskii. Sov.med. 23 no.12:8-25 D '59.

Influence of some vitamins on the lipid metabolism in atherosclerosis. V V.Gorbachev. Zdrav.Belor. 5 no 12:22-25 D '59

ARTESIAN WELLS

Some notes on the method of cementing the casing pipe column around the outside. A I.Monin. Gidr.i mel. 11 no.12:38-39 D '59.

ARTHRITIS

Butadione treatment of rheumatic and rheumatoid polyarthritis [with summary in English]. Z S.Kasymova. Zdrav.Tadzh 6 no 6:22-24 '59

Changes in the protein fractions and in some immunological and biochemical indexes in rheumatic fever, rheumatoid polyarthritis, and protracted septic endocarditis N A.Makarova, E.P Agababova, A.A.Zlatorunskaia. Vrach.delo no 11 1211-1213 N '59

ARTHRODIRA

Stratigraphic distribution of Coccosteids and Dinichthyids in the Devonian of the U.S S.R. O.P.Obrucheva. Izv. vys.ucheb zav , geol.i razv. 2 no 8:43-47 Ag '59.

ARTIFICIAL INSEMINATION

Artificial insemination of livestock I.Smyrnov Nauka i zhyttia 8 no 10 38-40 O '58

Dosage of bull semen and degree of its dilution in artificial insemination M M Tiupich Biul nauch -tekh inform VIZH no 1 30-32 '57.

Improving the apparatus for artificial insemination of swine. A.V.Kvasnitskii. Svinovodstvo 13 no.12:15-19 D '59

A measure of exceptional importance. Svinovodstvo 13 no.12,13-14 D '59.

No, it was no use to publish this book ("Increasing the fertility of farm animals"; collection of articles. Reviewed by D.F Boiko). Ovtsevodstvo 5 no 12:39-41 D '59.

Work practices in artificial insemination of swine. A.G. Blizniuchenko. Svinovodstvo 13 no.12:10-20 D '59.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIMBS

New construction of an artificial knee V.Lenchenko Sots obesp 20 no 11:30-32 N '59.

Significance of end weight-bearing of the stump in effective utilization of the phantom for prosthesis application. M.A.Klykov. Ortop., travm.i protez. 20 no 4:55-50 Ap '59

ARTIFICIAL SATELLITES

New celestial bodies. G.Duboshin. Znan.sila 34 no.11:2-3 N '59.

Observation of artificial satellites. A.A.Mikhailov. Astron.tsir. no.180:1 My '57.

Search and find. M.IArov-IArovoi. Smena 36 no.24:13 D '59.

Sobol', M.O., and M.P.Barabashov. [Soviet science in the service of our people] Radians'ka nauka na sluzhbi u narodu. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 35 p.

ARTIFICIAL SATELLITES IN TELECOMMUNICATION

Second face of the moon. Znan.sila 34 no.11:3 N '59.

ARTILLERY

Russia (1923- U.S.S.R.) Upravlenie komanduiushchego artilleriei. [Ground artillery fire] Strel'ba nazemnoi artillerii. Moskva, Voen.izd-vo M-va obor.SSSR.

Book 1. 1960. 341 p.

ARTILLERY—DICTIONARIES

Artemov, A.P., V.E.IA.Avdei, and L.G.Rokhchina, comps. [German-Russian artillery dictionary] Nemetsko-russkii artilleriiskii slovar'. Pod red. M.I.Dubnera i V.L.Medera. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 436 p.

ARTISTS, CHINESE

Meeting with friends. K.Kravchenko. Iskusstvo 22 no.7:43-50 '59.

ARUK-TAU—MOUNDS

The Aruk-Tau burial mound in the Besh-Kapa Valley (southern Tajikistan). A.M.Mandel'shtam. Krat.soob. IIMK no.76 73-82 '59.

ARYS' DISTRICT—STOCK AND STOCKBREEDING

Stockbreeders of southern Kazakhstan have to solve new problems. A Prosolupov Part zhizn'Kazakh. 28 no.7:53-57 Jl '59

ASBESTOS

Efficient recovery of short-fiber asbestos in core mills and cam crushers. A.P.Diomidov, A.V.Volegov. Izv. vys.ucheb.zav., gor.zhur no.2:137-144 '59.

Make wider use of asbestos ballast. V.F.Lobanok Put' i put khoz no 11 5-6 N '59

Production of forsterite refractories from asbestos waste. P.S.Mamykin, IU.D.Syreishchikov. Ogneupory 24 no.12:529-538 '59.

ASCARIDS AND ASCARIASIS

Dehelminthization in trichocephaliasis and ascariasis. V.Molotkov. Zdrav Belor. 5 no.12:39-40 D '59.

Dehelminthization of precipitates in sewage during thermophil fermentation. G Sh.Gudzhabidze Med paraz i paraz bol. 28 no 5:617-618 S-O '59

Experimental observations on the development and survival of Ascaris lumbricoides eggs in soil irrigated by sewage [with summary in English]. G Sh.Gudzhabidze. Med.paraz i paraz.bol. 28 no 5 578-583 S-O '59

Role of composting of organic wastes in the control of ankylostomiasis and ascariasis [with summary in English]. Sh.I.Gudzhabidze, S.D.Liubchenko. Med paraz.i paraz.bol. 28 no.5:576-578 S-O '59.

ASCORBIC ACID

Ascorbic acid content of some plants in the Polar-Alpine Botanical Garden. I.D.Shmatok. Trudy Bot inst Ser. 6 no.7:357-361 '59.

Ascorbigon accumulation in plants. E.A.Chikalova. Fiziol.rast 6 no.6:724-725 N-D '59.

Changes in the glutathione and ascorbic acid content of the blood and organs of guinea pigs and rabbits under the influence of streptomycin and paraaminosalicylic acid. V.P.Marin. Zdravookhranenie 2 no.5:57-61 S-O '59.

Effect of galascorbine on the amount of glycogen, adenosinetriphosphoric acid, creatine phosphate, inorganic phosphate, and phosphorylase activity in traumatized muscles [with summary in English] V O Tsitsinyk Ukr.biokhim.zhur 31 no 5:709-716 '59

How to preserve vitamin C in foodstuffs. S.Davydov. Sov.potreb.koop. 4 no.1:48 '60.

Influence of vitamin C on the carbohydrate function of the liver in radiation sickness. A.S IUsipov, V.S.IUsipov. Zdrav.Belor 5 no.12:25-27 D '59.

Interrelation between basal metabolism and vitamin C content in blood plasma in patients with endemic goiter A.P Parashchak Vrach delo no.11:1207-1209 N '59

Microflora of the vagina and cervix uteri in women using galascorbin locally as a contraceptive agent. L.IA. Gorpinenko. Akush.i gin. 35 no.6:13-17 N-D '59.

Oxidation of ascorbic acid by various processed grain products. N I.Proskuriakov, E.I.Petrochenko Izv vys.ucheb.zav , pishch.tekh. no.5:38-41 '59.

Some data on factors influencing the accumulation of ascorbic acid and carotene in wild plants of Western Siberia. V.S.Fedorova. Trudy Bot.inst.Ser. 6 no.7 351-352 '59.

Some features of the formation and accumulation of ascorbic acid in plants and their significance for plant introduction. V.A.Deviatnin. Trudy Bot.inst.Ser. 6 no.7:345-350 '59.

Vitamin C content in the blood of children with fluorosis. N.A.Ivanova. Vop.okh.mat.i det. 4 no.6:29-33 N-D '59.

Vitamin C in the organism and its relation to air pollution by wastes from synthetic chloroprene rubber plants M.K.Khachatrian. Gig.i san. 24 no.12:3-6 D '59.

ASFENDIAROV, SANDZHAR DZHAFAROVICH, 1889-

Scholarly activity of Sandzhar Dzhafarovich Asfendiarov. R.Suleimenov. Vest.AN Kazakh.SSR 15 no.12:101-103 D '59.

ASH (TECHNOLOGY)—SPECTRA

Some problems in the spectrographic analysis of ashes in relation to expert testimony N.N Streleis Sud-med ekspert 2 no.1,7-10 Ja-Mr '59.

ASH DISPOSAL

Mechanical removal of ashes and remodeling of the unit for chemical water purification. A.Ermakov. Moloch. prom. 20 no.12:30-31 D '59.

ASHA—ETHYL ACETATE

Continuous countercurrent process of the decolorization and neutralization of crude ethyl acetate. B.N.Filippov, A.V.Filimonov. Gidroliz.i lesokhim.prom. 12 no.5 20-22 '59.

ASHA—WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

Complete automatic control of the retort section. M.M Kushnir. Gidroliz.i lesokhim.prom. 12 no.8:27-28 '59.

ASHKHABAD—EPIDEMIOLOGY—RESEARCH
The Ashkhabad Epidemiological and [illegible] Research Institute during the past thirty years. V. A. [illegible] [illegible]

ASHKHABAD—HISTORY
[illegible] revolutionary [illegible] in Ashkhabad, [illegible] A. M. Matveev. [illegible]

ASHKHABAD—KALA AZAR
[illegible]

ASHKHABAD—MEAT INDUSTRY
On the road of technical progress. [illegible]

ASHT—CRANIOLOGY
A trip to Asht in [illegible] craniological material. [illegible]

ASIA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East.] [illegible]

ASIA—EARTHQUAKES
List of earthquakes recorded in Central Asia and adjacent territories from ancient time to [illegible] A. A. [illegible]

ASIA—ECONOMIC ASSISTANCE
[illegible] Ap [illegible]

ASIA—ECONOMIC CONDITIONS
[illegible] Ap [illegible]
Conference in [illegible] My '60.

ASIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
[illegible]

ASIA—FOREIGN RELATIONS
[illegible] role of the eastern countries in the international [illegible] My '60.

ASIA—FOREIGN RELATIONS—RUSSIA
[illegible]

ASIA—FOREIGN RELATIONS—UNITED STATES
[illegible]

ASIA—HISTORY
[illegible]

ASIA—LAMELLIBRANCHIATA, FOSSIL
[illegible]

ASIA—PEASANTRY
[illegible]

ASIA—POLITICS
The Bandung Conference and the growing [illegible] of Asia and Africa [illegible] [with summary in English] [illegible]
For a profound study of Lenin's theoretical legacy on [illegible] of the East. [illegible]
Gafurov, B. G. [V. I. Lenin as the great friend of the peoples of the East] V. I. Lenin — velikii drug narodov Vostoka. Moskva, Izd-vo "Znanie," 1960. 32 p. [illegible]
Influence of the Great October Socialist Revolution on the development of the national liberation movement among the peoples of the colonial East. [illegible] Izv AN Uz.SSR Ser. [illegible] no. 4 [illegible] '59.
Kaufels, A. N. [Lenin as a great friend of the peoples of the East] Lenin — velikii drug narodov Vostoka. Moskva, Izd-vo [illegible] lit-ry, 1960. 365 p.
The man who showed the whole world's [illegible] the great friend of the peoples of the East [illegible] Ap '60.
The spirit of Bandung is [illegible] Ap '60.
[illegible] [with English summary in [illegible]] [illegible] Ap '60.

What [illegible] independent [illegible] [illegible]
[illegible]

ASIA, CENTRAL—ANTHROPOMETRY
[illegible]

ASIA, CENTRAL—FLORA
Vegetation [illegible] Central Asia [illegible]

ASIA, CENTRAL—[illegible]
[illegible]

ASIA, CENTRAL—[illegible]
[illegible]

ASIA, SOUTHEASTERN—HISTORY
[illegible] World War [illegible]

ASIA, SOUTHEASTERN—[illegible]
[illegible]

ASIA, SOVIET CENTRAL, see Soviet Central Asia

ASIAN-AFRICAN PEOPLES' SOLIDARITY CONFERENCE, [illegible]
[illegible]

ASKANIYA[illegible]
[illegible]

ASPEN
[illegible]

ASPERGILLUS
[illegible] Parasitism of [illegible] [with summary in English] [illegible]

ASPHALT[illegible]
[illegible]

ASPHYXIA
[illegible]

ASPHYXIA NEONATORUM
[illegible]

ASSEMBLY LINE METHODS
[illegible]
Comparative technical and economic characteristics of [illegible]
[illegible]

[illegible] [illegible] Ivanov, [illegible] [illegible]
[illegible]
[illegible]
On [illegible] M. Kh. [illegible]
Principal [illegible] production [illegible]
[illegible]

ASSOCIATIONS, INSTITUTIONS, ETC.
[illegible] A. I., and [illegible] M. [illegible]

ASTHMA, see [illegible]

ASTRAKHAN—[illegible]
[illegible]

ASTRAKHAN—[illegible] EQUIPMENT AND [illegible]
[illegible]

ASTRAKHAN [illegible]
[illegible]

ASTRAKHAN PROVINCE—[illegible]
[illegible]

ASTRAKHAN PROVINCE—[illegible] COMPETITION
[illegible]

ASTRAKHAN PROVINCE—[illegible] AND [illegible]
[illegible]

ASTROMETRY
[illegible]

ASTRONAUTICS
[illegible]
Principal [illegible] M. [illegible] Vest AN [illegible]

ASTRONAUTICS—BIBLIOGRAPHY see Bibliography—Astronautics

ASTRONOMICAL CLOCKS
[illegible]

ASTRONOMICAL INSTRUMENTS
[illegible]
[illegible]
New [illegible] at the Main Astronomical Observatory of the Academy of Sciences of the U.S.S.R. [illegible]
Solar [illegible] of the Crimean Astrophysical Observatory [with summary in English] [illegible]

ASTRONOMICAL MODELS
Results of modelling lunar craters on a spherical surface. P.F.Sabaneev. Biul.VAGO no.24:53-56 '59.

ASTRONOMICAL OBSERVATORIES
(see also subdivision under Kuybyshev)
Panoramic ionospheric station of the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. [with summary in English]. N.A.Savich, A.N.Abramenko. Izv.Krym.astrofiz.obser. 17:230-234 '57.

ASTRONOMICAL PHOTOGRAPHY
(see also subdivision under Abastumani)
Photographing Jupiter with an ocular magnification. Iu.P.Vlasov, I.T.Zotkin. Biul.VAGO no.24:45-52 '59.
Some results of simultaneous photographic and radar observations of polar auroras. V.I.Pogorelov, F.P. Martvel'. Izv.AN SSSR.Ser.geofiz. no.5:753-755 My '60.

ASTRONOMICAL PHOTOGRAPHY--EQUIPMENT AND SUPPLIES
Infrared photographic materials and their hypersensitization [with summary in English]. I.I.Breido, A.A. Markelova. Izv.GAO 21 no.3:174-181 '59.
Properties of Kodak photographic plates used in astronomical photography [with summary in English]. I.I. Breido, A.A.Markelova. Izv.GAO 21 no.3:164-171 '59.

ASTRONOMICAL PHOTOMETRY see Photometry, *Astronomical*

ASTRONOMY
(see also subdivision under Great Britain)
This is their road to the stars ("Sixty years at a telescope" by G.A.Tikhov, "Astrogeography" by I.M.Zabelin. Reviewed by Vladimir L'vov). Neva no.11:168-170 '59.

ASTRONOMY--HISTORY
"Studies in the history of astronomy". Reviewed by G.A. Manova. Nauka i zhizn' 26 no.12:74 D '59.

ASTRONOMY, SPHERICAL AND PRACTICAL
Comparing clock corrections, improved by means of temperature gradients in the observation room, with standard time [with summary in English]. V.M.Vasil'ev. Izv.GAO 20 no.4:147-153 '57.
Selecting stars for determining the azimuth of a transit instrument of the time service [with summary in English]. G.M.Petrov. Izv.GAO 21 no.3:71-76 '59.
Systematic errors with a diurnal period in observations on photoelectric transit instruments [with summary in English]. G.V.Shardaya. Izv.GAO 21 no.3:13-31 '59.

ASTROPHYSICS
Theory of the formation of absorption lines in a magnetic field and the profile of the line Fe λ6173 Å in the sunspot spectrum [with summary in English]. V.E.Stepanov. Izv.Krym.astrofiz.obser. 19:20-45 '58.
We will be able to investigate the composition of cosmic bodies. D.I.Shcherbakov. Tekh.mol. 27 no.12:7 '59.

ASTROPHYSICS--CONGRESSES
Conference on astrophysics at the Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. Izv.Krym.astrofiz.obser. 19:173-176 '58.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATABEKIANTS, IOSIF
Iosif Atabekiants [in Armenian with summary in Russian]. A.M.Egiazarian. Ist.-filol.zhur. no.2/3:204-210 '59.
Iosif Atabekiants' letter of F.Engels on the Armenian translation of the Communist Manifesto. A.G.Ioannisian. Ist.-filol.zhur. no.2/3:330-337 '59.

ATHEISM
(see also subdivision under Bragin District, Sokol)
Atheistic views of A.P.Chekhov. V.Romanenko. Nauka i zhyttia 9 no.10:53-55 O '59.
Dispersed fog ("Foggy gorges" by D.Cherepanov. Reviewed by V.Ushakov). Part.zhizn' Kazakh. 38[i.e.39] no.12:69-71 D '59.
Good opportunities for sectarians in Sary Ozek. A.Pykhtin. Part.zhizn' Kazakh. 38[i.e.39] no.12:54-55 D '59.
Reactionary nature of the views of the "searchers for God" and the "builders of life in God." M.Akhromchik. Komm. Bel. 33 no.11:51-57 N '59.
Surviving traces of religious faith and customs and how we can overcome them. I.Pushkareva, G.Snegirev, M.Shmeleva. Kommunist 37 no.6:86-89 My '60.
They became atheists. Nauka i zhizn' 26 no.12:59-60 D '59.
A useful form of atheistic propaganda. V.Lenin. V pom. polit.samoobr. 3 no.12:80-85 D '59.
Vorontsov, G.V. [Promotion of atheism; antireligious work in Leningrad and in Leningrad Province] O propagande ateizma; iz opyta antireligioznoi raboty v Leningrade i v oblasti. [Leningrad] Lenizdat, 1959. 64 p. (Bibliotechka ateista)
You should know your audience. V.Bogomolov. Agitator no.23:56 D '59.

ATHEISM--STUDY AND TEACHING
(see also subdivision under Lipovo, Transcarpathia)
A book helped. I.Bragimov. Bibliotekar' no.5:43 My '60.
Difference between the ethics of communism and religion. P.G.Filimonov. Sred.spets.obr. 6 no.12:31-36 D '59.
In a form intelligible to children. A.Prostosardov. *Bibliotekar'* no.5:44-47 My '60.
Two new books on scientific and atheistic education ("School and religion" by I.Danilenko, "Scientific and atheistic education of children in school and at home" by M.B.Radchikova). Book review. Nar.obr. no.5:115 My '60.

ATHLETES see subdivision under Kiev

ATHLETIC EQUIPMENT see also subdivision 'Sporting goods' under Poland

ATHLETIC FIELDS
Soccer field in winter. G.Abramishvili. [illegible] 5 no.12:20 D '59.

ATLANTIC OCEAN--HERRING FISHERIES
Estimating the stocks of Atlantic-Scandinavian herring by [illegible] photographic surveying. [illegible] Ryb.khoz. 35 no.10:7-9 O '59.

ATLANTIC OCEAN--OCEAN CURRENTS
Some features of hydrological conditions in the Davis Strait, the Labrador Basin, and the Grand Banks area. D.V.Bogdanov. Trudy GOIN no.42:[illegible] '59.

ATLASES
[Atlas of the history of geographical discoveries and explorations] Atlas istorii geograficheskikh otkrytii i issledovanii. Moskva, Glav.upr.geod.i kartog. MVD SSSR, 1959. 108 p.

ATMOSPHERE
Calculating the distribution of [illegible] in the atmospheric layer near the earth's surface. B.M. Kogan, [illegible]. Izv.AN SSSR.Ser.geofiz. no.4:[illegible]-547 Ap '60.
Spatial and temporary variations of natural atmospheric radioactivity. L.G.Makhkova and others. Izv.AN SSSR. Ser.geofiz. no.5:[illegible] My '60.

ATMOSPHERE, UPPER
Heating of upper layers of the earth's atmosphere by magnetic storms [with summary in English]. [illegible] Izv.GAO 20 no.6:[illegible] '58.

ATMOSPHERE, UPPER--ROCKET OBSERVATIONS
Letter to the editor. Izv.AN SSSR.Ser.geofiz. no.4:[illegible] Ap '60.

ATMOSPHERIC ELECTRICITY
The chain process theory of the accumulation of electric charges in thunderclouds. V.M.Muchnik. Izv. AN SSSR.Ser.geofiz. no.4:[illegible] Ap '60.
Measuring electric charges in artificial [illegible] clouds. I.M.Imianitov, A.B.Lutnaya. Izv.AN SSSR. Ser.geofiz. no.[illegible] My '60.
Structure of the electrostatic field in the free atmosphere as determined from the data obtained in the course of the International Geophysical Year. I.M.Imianitov, E.V.Chubarina. Dokl.AN SSSR 132 no.1:104-106 My '60.

ATMOSPHERIC NUCLEATION
Method of measuring condensation nuclei in the free atmosphere during aircraft soundings. N.N.Aleksandrov, O.P.Petrenchuk. Trudy GGO no.94:81-87 '59.

ATMOSPHERIC PRESSURE
Estimating the influence of large [illegible] pressure forecasting. [illegible] no.4 [illegible]

ATMOSPHERIC PRESSURE--PHYSIOLOGICAL EFFECT
Influence of large and rapid changes in atmospheric pressure on certain functions of the ear, nose and throat [with summary in English]. I.IA.Borabchevskii. Vest. otorin. 21 no.6:19-24 N-D '59.

ATMOSPHERIC TEMPERATURE
(see also subdivision under Sukhumi)
Characteristics of the temperature field in [illegible]. O.P.Petrenchuk. Trudy GGO no.93:47-55 '59.
Effect of radiation fogs on the development of temperature inversions. A.I.Bergach. Trudy GGO no.93:56-59 '59.
Significance of heat and moisture [illegible] in the formation of natural zones. G.D.Rikhter. Izv.AN SSSR.Ser. geog. no.2:[illegible] Mr-Ap '60.
Temperature field in front of a pointed cape (according to model studies). Iu.F.Vasil'ev, V.M.Popov. Izv.AN SSSR.Ser.geofiz. no.4:[illegible]-565 Ap '60.

ATMOSPHERIC TRANSPARENCY see subdivision under Pulkovo

ATMOSPHERIC TURBULENCE
(see also subdivision under [illegible])
[illegible] My '60.
[illegible]
[illegible]

ATOMIC ENERGY
(see also [illegible] America)
[illegible]

ATOMIC ENERGY--[illegible]

ATOMIC ENERGY--[illegible]
[illegible]

ATOMIC ENERGY--[illegible]
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ATOMIC SUBMARINES [illegible]

ATOMIC WEAPONS
[illegible]

ATOMIC WEAPONS--[illegible]
[illegible]

ATOMIC WEAPONS--[illegible] Marshall Islands

ATOMISM
[illegible]

ATOMS
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

AURORAS

Aurora borealis. V. Stratén. Astron. tsir. no. 209:10 Je '59.

Photoelectric observation of pulsating auroral forms. N. V. Dzhordzhio. Izv. AN SSSR. Ser. geofiz. no. 5: 711-716 My '60.

Some results of simultaneous photographic and radio observations of polar auroras. V. I. [illegible], [illegible] Izv. AN SSSR. [illegible] no. 5: [illegible] My '60.

Theory of magnetic storms and auroras [with summary in English]. G. M. [illegible] Izv. [illegible] [illegible] 124 '60.

AURORAS—SPECTRA

Recording polar aurora spectra with a photoelectric spectrometer. I. G. Feldman. Opt. i spektr. 7 no. 4: 574-576 O '59.

AUSTENITE

Conversion of austenite to martensite under high pressure in a magnetic field. A. I. [illegible], I. A. [illegible] Zav. lab. no. 11: 1324-1326 '59.

Method for the determination of residual austenite in surface hardened steel. M. M. [illegible], D. D. [illegible] Zav. lab. no. 11: 1326-1328 '59.

X-ray determination of small quantities of austenite. G. M. Rovenskii, M. I. [illegible] Zav. lab. no. 11: [illegible] 1334 '59.

AUSTRALIA—ATOMIC ENERGY

Atomic energy development in Australia. [illegible]

AUSTRALIA—ETHNOLOGY

A study of the culture of the [illegible] [with summary in English]. [illegible]

AUSTRALIA—LABOR LAWS AND LEGISLATION

MacPhillips, Jack. [Positive measures and the weapons used against trade unions and wages; translated from the English. Preface by D. [illegible]] [illegible] Moskva, Izd-vo VTsSPS Profizdat, 1959. 40 p.

AUSTRALIA—SOCIETY, PRIMITIVE

[illegible]

AUSTRALIA—TRADE UNIONS

MacPhillips, Jack. [Positive measures and the weapons used against trade unions and wages; translated from the English. Preface by D. [illegible]] [illegible] Moskva, Izd-vo VTsSPS Profizdat, 1959. 40 p.

AUSTRALIA—URANIUM

[illegible]

AUSTRIA—EUROPEAN WAR, 1914-1918

[illegible]

AUSTRIA—POLITICAL PARTIES

[illegible]

AUSTRIA—ULTRASONIC TESTING

[illegible]

AUSTRIA, WEST—ASTRONOMY—PERIODICALS

[illegible]

AUTHORS

(see also subdivision under Literature)

Prianishnikov, A. V. [Writers from the ranks of the people] Pisateli iz naroda. [Alma-Ata] [Kazakhskoe knizhnoe izd-vo, 1959. 155 p.

(OO1)

AUTHORS—CONGRESSES

Greetings from the Kazakh [illegible] to the Fourth Congress of Writers of Kazakhstan. [illegible]

AUTHORS, CHINESE

Briefly about Chinese authors. Nova. [illegible] '59

AUTHORS AND READERS

[illegible]

AUTOCLAVES

Aerated concrete made with fly-ashes from thermoelectric power plants and some problems in autoclave hardening of large products. K. E. Gorchkov. Trudy NIIZhB no. 8: 53-82 '59.

AUTOMATIC CONTROL

(see also subdivision under California)

[illegible]

Alekseev, [illegible] [Automatic control in transportation] [illegible] Moskva, Izd-vo "Znanie," 1960. 39 p. [illegible]

[illegible]

Analytical investigation of electronic regulating systems [illegible]

[illegible]

Automatic [illegible]

[illegible]

Conditions of [illegible] of control systems. [illegible]

Contents of controllers for automatic production lines in printing [illegible]

[illegible]

Criteria for [illegible] and the quality of automatic regulation of the [illegible] system. [illegible]

[illegible]

Design of power stations [illegible]

[illegible]

Gorelov, A. M. [illegible] automatic [illegible]

[illegible]

Kaufenshtein, M. E. [Automatic control. Automatika] [illegible] 1959. 144 p. [illegible]

Kosiakov, A. P., and V. I. Alekseev. [illegible]

[illegible]

Method for calculating [illegible] characteristics and [illegible]

[illegible]

AUTOMATIC CONTROL (Continued)

New machines for over-all mechanization and automation of building and assembling operations A I. Shchepet'ev. Mekh stroi. 16 no.12:3-10 D '59.

New oil field device. Neftianik 3 no.8 32 Ag '58.

Nonlinear differential equations of automatic control systems with one regulating element [with summary in English]. V.A. IAkubovich Vest. LGU 15 no. 7 120-153 '60.

Optimum control of an electric drive with the moment of resistance being dependent on the distance displaced. IU. P. Petrov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom no. 2 198-202 Mr-Ap '60

Optimum control of nonlinear systems. N. N Krasovskii Izv vys ucheb zav, mat no 5 122-130 '59

[Over-all mechanization and automation of production; practices of factories under the Penza Economic Council] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva; iz opyta zavodov Penzenskogo sovnarkhoza. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 230 p.

Precision of measuring and actuating devices used in automatic readjustment of cutting tools on automatic lathes. A. I. Fefer. Trudy MATI no. 40.98-111 '59.

Question of the stability of third order nonlinear systems. I N Pechorina Izv vys ucheb zav, radiofiz 2 no 4 664-665 '59

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Cost manual for the assembling of the equipment] TSennik na montazh oborudovaniia. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

No. 11. [Instruments and apparatus for automatic checking, regulating, and control] Pribory i apparatura avtomaticheskogo kontrolia, regulirovaniia i upravleniia. 1959. 71 p.

Secure strict standardization of input signals and generated quantities of elements of automatic control systems. Priborostroenie no. 12:1-2 D '59.

Some circuits of step-type extremal controllers. P. I. Akinin. Avtomatyka no. 4:80-82 '59.

Stability of pulse-width modulated automatic control systems. I. N. Pechorina. Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. no. 2 116-121 Mr-Ap '60.

Sumgait's giant R. Shapiro Znan sila 34 no 12 9-10 D '59.

Symmetric periodic movements of a multicascade relay system [with summary in English]. IU. I. Neimark, L. P. Shil'nikov. Avtom. i telem. 20 no. 11:1459-1466 N '59.

Synthesis of elements of linear systems of automatic control [with summary in English]. I. A. Orurk Avtom. i telem. 20 no. 12:1595-1602 D '59.

Synthesis of linear systems of automatic control with varying parameters [with summary in English]. S. V. Mal'chikov. Avtom. i telem. 20 no. 12:1588-1594 D '59.

Synthesis of the structural diagram of automatic control systems for the slowing down motion of mine skip hoists with asynchronous drives. M N. Zaritskii. Izv vys. ucheb. zav, gor. zhur no. 7 109-120 '59

Sytina, N. V. [Automatic control in the testing of electronic radio equipment, brief survey of foreign literature] Avtomatizatsiia ispytanii radioelektronnogo oborudovaniia; kratkii obzor zarubezhnoi pechati. Moskva, Izd-vo "Sovetskoe radio," 1959. 93 p. (Radioelektronika za rubezhom)

Technical requirements of industrial automatic controllers. V. D. Mironov. Priborostroenie no. 12:7-8 D '59.

Technological basis for the automatic control of precipitation columns in the carbonation section of a soda plant. V. I. Panov, A. B. Tiutiunnikov. Khim. prom. no. 6,521-526 S '59.

Use of the equivalent transmission function in the calculation of tracking systems with nonsingular feedback. V. A. Besekerskii, S M. Fedorov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:110-115 Mr-Ap '60.

Work of the all-Moscow conference on magnetic devices for automatic control. G. V. Subbotina. Avtom. i telem. 20 no. 12:1698 D '59.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

Conference on the invariancy theory. N. A. Kachanova, O. B. Tolmachov. Avtomatyka no. 4:89-96 '59.

AUTOMATIC CONTROL—TERMINOLOGY

Uniform terminology in automatic control. G. M. Podkaminer, IU. D. Serper. Priborostroenie no. 12:14 D '59.

AUTOMATIC DIGITAL COMPUTERS see Electronic digital computers

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION

(see also subdivision under Aktyubinsk; Krivoy Rog Basin, United States, Ust'-Kamenogorsk)

At the Kharkov Bearing Plant. M. Kochehura, M. Mishyn. Nauka i zhyttia 9 no. 12,17-20 D '59.

Automatic distribution of water in rice irrigation systems. V. B. Zaitsev. Gidr. i mel. 11 no. 12:10-17 D '59.

Automation and the worker. I. P. Shubkina. Mashinostroitel' no. 1 34-36 Ja '60.

Automation improves working conditions at a metallurgical plant. K. P. Kostenetskii. Bezop. truda v prom. 4 no. 1:24-26 Ja '60.

[Automation in the machinery industry abroad, collected translations] Avtomatizatsiia v mashinostroenii za rubezhom; sbornik perevodov. Pod obshchei red. I. I. Artobolevskogo. Moskva, Izd-vo inostr. lit-ry, 1959. 321 p.

Automation of car classification operations in retarder yards N F Fonarev Vest TSNII MPS 19 no 1 3-9 '60

Automation of component parts K Volkov Grazhd av 16 no 12 18 D '59

Automation of production and cybernetics. D. Libenson. V pom polit samoobr 3 no 12:57-60 D '59.

Automation of railroad transportation. H. Lytvynovs'kyi, M. Horylovs'kyi. Nauka i zhyttia 9 no. 12:21-24 D '59.

Chuvikov, P. A. [In peaceful competition] V mirnom sorevnovanii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 46 p.

Degree of the automation of woodmilling machines in automatic lines Izv vys ucheb zav, les zhur 2 no. 6:94-98 '59

Determining the economic effectiveness of mechanization and automation in agriculture M Goriachkin and others Tekh v sel'khoz. 20 no. 1 9-14 Ja '60

Development of the means for railroad automation and remote control. G. I. Kollada. Zhel dor. transp 41 no 12:53-56 D '59

High road to technological progress. I. Davydov. Part. zhizn' Kazakh. 28 no 7:16-19 Jl '59

Improving mechanization and automation of prefabricating reinforced concrete construction elements. M A. Pishchik. Bet. i zhel.-bet. no. 12:531-534 D '59

In the Collegium of the Ministry of Railroad Transportation Introduction and further development of automation, remote control, and communication equipment. Zhel. dor transp. 41 no 12 59-60 D '59.

In the name of the great task of building communism. Sots. trud 4 no. 7:3-8 Jl '59.

Inquisitive people. A. Golant Part zhizn' Kazakh. 28 no 6 18-20 Je '59.

Introducing the new and the progressive in industry. K. Simakov. Nar. khoz. Kazakh. no. 11:25-29 N '59.

Koshkin, L. N. [Automatic lines of rotating machine tools] Avtomaticheskie rotornye linii. Moskva, Izd-vo "Znanie," 1960. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 6, Nauka i tekhnika, no. 9)

Mighty wings of the seven-year plan. Part. zhizn' Kazakh. 28 no. 7:3-9 Jl '59

An occupation which has disappeared. IU. Apenchenko. Sov. Soiuz. no. 1:6-7 '60.

On a new frontier. M. Khaiutin, G. Shalgin Neva no. 10 167-169 '59

The 1L66, 1L67, 1L67a, and 1L69 automatic production lines. IU. V. Naidin. Biul. tekh.-ekon. inform. no. 12: 13-20 '59.

Over-all mechanization and automation of industrial enterprises. E. Maurina. Komm. Bel. 33 no. 12:42-46 D '59.

Promoting automation. G. Pisarev, A. Modzelevskii. Za rul. 17 no. 11:4-5 N '59.

Speed up the automating of industrial processes in precast concrete products plants. F. A. Lapin. Mekh. stroi. 17 no. 1 15-20 Ja '60.

Stable foundation for carrying out the seven-year plan. Mekh. i avtom. proizv. 13 no. 12:3-5 D '59.

Volodarskii, V. [Economic effectiveness of the mechanization and automation of production] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii proizvodstva. Frunze, Kirgizskoe gos. izd-vo, 1958. 61 p.

Wall without coal miners. I. El'kin. Znan. ta pratsia no. 12:3-4 D '59.

What do Soviet workers gain from the automation of production? I Kaiganov. Otv na vop. trud. no. 106:3-8 '59.

What hinders the introduction of automation in the woodworking industry. N. A. Morozov. Mekh. i avtom. proizv. 13 no. 12:23-25 D '59.

What hinders the over-all mechanization and automation of our plant. L. Kozlov. Part. zhizn' Kazakh. 28 no. 6 15-18 Je '59

Work of scientists in the field of mechanization and automation. Sh. Chokin. Nar. khoz. Kazakh. no. 11:14-24 N '59.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMOBILE DRIVERS

Correspondence course is needed. Za rul. 17 no. 12:22 D '59.

Improve the training of drivers. K. Shestopalov. Za rul. 17 no. 11:9-10 N '59.

AUTOMOBILE ENGINEERING RESEARCH

Scientific research and experimental work carried out by institutes and plants of the automobile industry. List No. 5 for 1959. Avt. prom. no. 12:38-39 D '59.

AUTOMOBILE INDUSTRY

(see also subdivision under Bryansk; Gorkiy; Moscow, Pilsen)

Review of "Technology in motor-vehicle manufacturing" by D. P. Maslov, V. V. Stasov, P. G. Nizhanskii. IA. E. Urinson. Avt. prom. no. 12:39-40 D '59.

Speculators Za rul 17 no. 12:23 D '59

The 35th anniversary of Soviet automobiles NTO no 11 64 N '59

The 35th anniversary of the Soviet automobile industry. Za rul 17 no 11:5 N '59.

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Interfactory information T Vvedenskii NTO no 11 43 N '59

AUTOMOBILE INDUSTRY WORKERS—DISEASES AND HYGIENE see subdivision under Moscow

AUTOMOBILE PARKING see subdivision under Leningrad

AUTOMOBILE RACING

(see also subdivision under Tallinn)

Automobile racing abroad Za rul. 17 no 12:32 D '59.

Champions of the U. S. S. R for 1959. Za rul. 17 no. 12: 10-11 D '59.

Postel'nikov, S. S. [Automobile competition in uniformity of performance (RALLY)] Avtomobilnye sorevnovaniia na reguliarnost' dvizheniia (RALLI). Moskva, Izd-vo DOSAAF, 1959. 127 p.

Racing abroad. Za rul. 17 no. 11:32 N '59.

Three principles of an automobile rally G Solov'ev. Za rul. 17 no 12 20-21 D '59.

Under the banner of October. Za rul. 17 no. 11:1 N '59

AUTOMOBILES

(see also subdivision under Czechoslovakia)

Automobile exhibition of 1959 N. Strakhov. Za rul. 17 no. 12 28-30 D '59

AUTOMOBILES—BODIES

Development of body designs of foreign passenger cars. S D. Churazov. Avt. prom. no. 12:35-38 D '59.

AUTOMOBILES—BODIES—MAINTENANCE AND REPAIR

How to prolong the life of an automobile body. K. Chumakov. Za rul 17 no. 11:3 of cover N '59

AUTOMOBILES—BRAKES

Brake system. E. Aleksandrov. Za rul. 17 no. 11:16-16a N '59.

AUTOMOBILES—COLD WEATHER OPERATION

When freezing weather starts I. Kruze Za rul. 17 no 12,14-16 D '59

AUTOMOBILES—DYNAMICS

Determining the resistance to the motion of an automobile. B. IA. Gintsburg. Avt. prom. no. 12,29 D '59.

AUTOMOBILES—ENGINES

Konev, B. F., and others. [Automobile carburetor engines, characteristics and methods for their determination] Avtomobil'nye karbiuratornye dvigateli; kharakteristiki i metody ikh opredeleniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 229 p.

Oil additives for automobile V-engines for preventing the pitting and scoring of push rods (survey). A. B Vipper. Khim. i tekh. topl. i masel 5 no 1:68-70 Ja '60

AUTOMOBILES—ENGINES—CARBURETORS

New carburetors for "Moskvich" automobiles. V. Girshovich, I IUrov. Za rul. 17 no. 11:18-20 N '59.

AUTOMOBILES—ENGINES—OIL FILTERS

Calculating a centrifugal oil-cleaning system. M. A. Grigor'ev. Avt. prom. no. 12:24-27 D '59.

AUTOMOBILES—FUEL CONSUMPTION

Engine operating on a super-lean mixture. B. Iurkov. IUn. tekh. 4 no. 12:35-38 D '59.

AUTOMOBILES—FUEL CONSUMPTION—MEASUREMENT

Automatic device for measuring fuel consumption. A. F. Nikol'skii, I. I. Mertekhin. Avt. prom. no. 12:28 D '59.

AUTOMOBILES—HANDBOOKS, MANUALS, ETC.

Russion, Richard. [Automobile handbook] Avtomobil'nyi spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 1. Pod obshchei red. A. N. Ostrovtseva. 1959. 700 p.

Vol. 2. Pod obshchei red. A. A. Lipgarta. 1959. 972 p.

AUTOMOBILES—IGNITION

Engine operating on a super-lean mixture. B. Iurkov. IUn. tekh. 4 no. 12:35-38 D '59.

AUTOMOBILES—MAINTENANCE AND REPAIR

How to reach a garage. F. Kuznetsov. Za rul. 17 no. 11:21 N '59.

Towing cars. Za rul. 17 no. 12 18 D '59.

AUTOMOBILES—PAINTING

Enamel paint for passenger cars. T.V.Rakitianskaia. Standartizatsiia 23 no.11.46 N '59.

AUTOMOBILES—PERIODICALS

For automobile and airplane amateur constructors. IUn. tekh. 4 no.11;39 N '59.

AUTOMOBILES—RADIATORS—MAINTENANCE AND REPAIR

Welding radiators. V.Z.Babichev. Avt.prom. no.12; 31 D '59

AUTOMOBILES—SOCIETIES, ETC.

(see also subdivision under Pirita)

At the fall congress of the International Automobile Federation. L Afanas'ev Za rul 17 no 12 24-25 D '59

AUTOMOBILES—SPRINGS

Smooth motion and stability. IU.Dolmatovskii. Za rul. 17 no.11:17-18 N '59

AUTOMOBILES—TIRES

(see also subdivision under Berlin; Moscow)

Ways of increasing the life of tires I.L.Gofman. Kauch. i rez 18 no.11 48-49 N '59

Wear of tread rubbers. I V.Kragel'skii Kauch i rez. 18 no.11:20-26 N '59

AUTOMOBILES—TIRES—MAINTENANCE AND REPAIR

Outfit for tubeless-tire repair. S Zaitseva Za rul. 17 no 12 24 D '59

AUTOMOBILES—TOURING

From North Cape to Tbilisi. Za rul 17 no 12 30-31 D '59

AUTOMOBILES—TRANSMISSION DEVICES

From the engine to the wheels. IU Dolmatovskii Za rul. 17 no 12 17-18 D '59

Remote control of gearboxes. A.Nedialkov. Za rul. 17 no.11:14-16 N '59

AUTOMOBILES—WHEELS

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Checking the alignment of the front wheel with complete set of garage equipment] Proverka ustanovki perednikh koles avtomobilei s pomoshch'iu komplekta priborov GARO. Izd. 2., ispr. i dop. Moskva, Avtotransizdat, 1959. 19 p.

AUTOMOBILES, RENTAL

Automobiles for everybody. Za rul. 17 no.12:8-9 D '59

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUTORADIOGRAPHY

Evaluating conditions for the autoradiographic detection of adsorption irregularities of concentration. V.S.Galishov, A.N.Orlov, I.A.Shvarts, Fiz.met.i metalloved. 8 no.5:641-647 N '59.

AUTOTROPHIC BACTERIA see Bacteria, Autotrophic

Effect of auxin on certain aspects of metabolism in sections of corn coleoptiles. V.V.Polevoi, K.Z.Gamburg. Izv.Sib.otd.AN SSSR no.11:96-98 '59.

AVALANCHES see subdivision under Caucasus, Northern; Dariali region; Varzob River

AVASH RANGE—VOLCANOES

Sequence of volcanic eruptions in the Avash Range in Transcarpathia [with summary in English] L H. Bulykina Dop AN URSR no 11:1242-1246 '59

AVICENNA, 980?-1037

Anatomical and physiological data on the liver in Ibn Sina's "Canon of Medical Science." IU.S.Arzumetov. Izv.AN Uz.SSR,Ser.med. no.6:72-76 '59.

Smirnova-Rakitina, V.A. [Avicenna (Abu-Ali Ibn Sina)] Avitsenna (Abu-Ali ibn Sina) [Moskva] "Molodaia gvardiia" [1958] 232 p. (Zhizn' zamechatel'nykh liudei, vyp. 18(266))
(InU)

AXINITE see subdivision under Pamirs

AXOLOTLS

Regeneration of extremities in axolotls following transplantation of crushed axolotl and mammalian tissues. L.V.Polezhaev. Dokl.AN SSSR no.6:1468-1471 Ap '60.

AZERBAIJAN—ALKALI LANDS

Experimental leaching of saline soils deposited by local erosion in the lowland of Azerbaijan. M.Abduev. Khlopkovodstvo 9 no.12:39-43 D '59.

AZERBAIJAN—ART

Azerbaijan in the works of Russian artists. K.Kerimov. Isk Azerb. no.6:137-224 '59.

AZERBAIJAN—BISHOP'S-WEED

Bishop's-weed (Ammi visnaga (L.) Lam.) in Azerbaijan [in Azerbaijani with summary in Russian]. M.A. Ragimov. Izv.AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.6.9-17 '59.

AZERBAIJAN—BOTANICAL RESEARCH

Plant physiology in Azerbaijan. B.Z.Guseinov. Fiziol. rast 6 no.6:754-756 N-D '59.

AZERBAIJAN—CHURCH ARCHITECTURE

Architecture of religious edifices built during the 16th-19th centuries. A.Salamzade. Isk.Azerb. no.7:196-243 '59.

AZERBAIJAN—CITIES AND TOWNS

Town construction in Azerbaijan (16th-19th century). A.Salamzade. Isk.Azerb. no.7 160-195 '59.

AZERBAIJAN—CITIES AND TOWNS, MEDIEVAL

Town construction in medieval Azerbaijan (12th-15th century). L.Bretanitskii. Isk Azerb. no.7:61-153 '59.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION

The 40th anniversary of the Communist Party of Azerbaijan V IU.Akhundov. Vop ist KPSS 4 no 3 32-49 '60

AZERBAIJAN—DESCRIPTION AND TRAVEL

Baku. Muzei istorii Azerbaidzha. [The Azerbaijan; historical and noteworthy places] Azerbaidzhan; istoricheskie i dostoprimechatel'nye mesta. Pod obshchei red. M.A.Kazieva. Baku, 1960. 146 p.,illus.

AZERBAIJAN—EDUCATION

In the supreme soviets and the councils of ministers of the Union Republics. Sov.deput.trud. no.12;101-103 D '59.

AZERBAIJAN—ELECTION LAW

Azerbaijan. Laws, statutes, etc. [Statute of elections to province (Nagorno-Karabakh Autonomous Province), district, city, village and settlement soviets of workers' deputies of the Azerbaijan S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., December 23, 1954. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R. December 29, 1956 and January 13, 1959] Polozhenie o vyborakh, v oblastnoi (Nagorno-Karabakhskoi avtonomnoi oblasti), raionnye, gorodskie, sel'skie i poselkovye Sovety deputatov trudiashchikhsia Azerbadizhanskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 23 dekabria 1954 g. S izmeneniiami, vnesennymi Ukazami Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 29 dekabria 1956. i 13 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos.izd-vo, 1959. 28 p.

Azerbaijan. Laws, statutes, etc. [Statute of elections to the Supreme Soviet of the Azerbaijan S.S.R. Adopted by the decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., December 13, 1950. With amendments introduced by decree of the Presidium of the Supreme Soviet of the Azerbaijan S.S.R., January 13, 1959] Polozhenie o vyborakh v Verkhovnyi Sovet Azerbaidzhanskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 13 dekabria 1950 goda. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Azerbaidzhanskoi SSR ot 13 ianvaria 1959 g. Baku, Azerbaidzhanskoe gos.izd-vo, 1959. 20 p.

AZERBAIJAN—ETHNOLOGY

Ethnographical zones of the Azerbaijan S.S.R. A.G. Trofimova. Krat.soob.Inst.etn. no.32;37-44 '59.

AZERBAIJAN—FOREST ECOLOGY

Phenology of the principal types of beech forest in the Belokany-Zakataly mountain area. M.G.Zangiev. Izv.AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.6:31-39 '59.

AZERBAIJAN—FORESTS AND FORESTRY

Safarov, I.S. [Protective afforestation in Azerbaijan] Zashchitnoe lesorazvedenie v Azerbaidzhane. Erevan, Izd-vo Glav.uprav.sel'khoz.nauk, 1956. 126 p.
(CtY)

AZERBAIJAN—INDUSTRIAL SAFETY

First results of the reorganization of inspection agencies. S.G.Ragimov. Bezop.truda v prom. 3 no.12;24-25 D '59.

AZERBAIJAN—MEDICINE

Prospects for the further development of medical science in the Azerbaijanian S.S.R. during the seven-year plan from 1959 to 1965 [in Azerbaijani with summary in Russian]. D.IU.Guseinov. Azerb.med zhur. no.11;3-7 N '59.

AZERBAIJAN—MICROPALEONTOLOGY

Division of Cretaceous sediments in northeastern Azerbaijan based on microfauna. Ch.A.Tairov. Geol.nefti i gaza 3 no.12;28-31 D '59.

AZERBAIJAN—MILK VETCHES

Some problems concerning the cultivation of gum-bearing astragals in Azerbaijan. M.A Mikailov. Trudy Bot. inst.Ser 6 no.7:360-371 '59.

AZERBAIJAN—MITES

Gamasid mites on Vinogradov's jird in Azerbaijan [in Azerbaijani with summary in Russian] A.T.Gadzhiev. Izv.AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.6:79-83 '59.

AZERBAIJAN—MOTH FLIES

Response to light of certain types of moth flies and their daily rhythm according to observations in the Agdam District of the Azerbaijan Republic [with summary in English] T I.Dergacheva Med paraz.i paraz bol. 28 no.5.598-603 S-O '59

AZERBAIJAN—OIL WELL DRILLING

Experimental electric drilling in Azerbaijan oil fields. IU.A.Safarov, A B.Fradkin Azerb.neft.khoz. 37 no.6;12-15 Je '58.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

Beans with bushings made from powdered corundum. IU V Gurevich Neftianik 4 no 11:22 N '59

AZERBAIJAN—PETROLEUM INDUSTRY—PRODUCTION STANDARDS

On-the-job instruction in technical standardization Kh Aliev Sots.trud 1 no 11 97-102 N '59

AZERBAIJAN—PHYSICIANS—BIOGRAPHY

Azerbaijanian physicians in the past [in Azerbaijani with summary in Russian]. M.E.Efendiev Azerb.med zhur. no 11:80-83 N '59.

AZERBAIJAN—RUSTS (FUNGI)

Ul'ianishchev, V.I. [Mycoflora of Azerbaijan] Mikoflora Azerbaidzhana. Baku, Izd-vo Akad.nauk Azerbaidzhanskoi SSR.
Vol 2, [Rust fungi] Rzhavchinnye griby. 1959.
442 p.

AZERBAIJAN—SALT

Cobalt and vitamin B_{12} content of sludges of stagnant waters in the Azerbaijan S.S.R. S.V.Letunova. Izv. AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.6:143-146 '59.

AZERBAIJAN—SAVORY

Savory culture in Azerbaijan [in Azerbaijani with summary in English]. M.A.Ragimov. Dokl.AN Azerb.SSR 15 no.11.1053-1055 '59.

AZERBAIJAN—STONE AGE

Stone age cave on Aveyddag [in Azerbaijani with summary in Russian]. M.M.Guseinov. Dokl.AN Azerb.SSR 15 no.11:1071-1076 '59.

AZERBAIJAN—SURGICAL SOCIETIES

Report on the work of the Azerbaijan Surgical Society for 1958. Z.M.Mamedov, T.M.Bagdasarov. Azerb.med. zhur. no.12:87-91 D '59.

AZERBAIJAN—VISIBILITY

Distance of the visible horizon in the Azerbaijan S.S.R. [in Azerbaijani with summary in Russian]. A.D.Eliubov. Dokl.AN Azerb.SSR 15 no.11.1041-1044 '59.

AZERBAIJAN—WATER-SUPPLY ENGINEERING

Comprehensive utilization of water sources. A.K.Milovskii, E.M.Ziman, M.A.Velidzhanova. Vod.i san.tekh. no.1:35 Ja '60.

AZERBAIJAN—WINE AND WINE MAKING

Using Bayan shirey grapes for wine making in the Azerbaijan S S.R. S.A.Abbasov Vin.SSSR 19 no.8:11-13 '59.

AZERBAIJANI ART see Art, Azerbaijani

AZERBAIJANI LANGUAGE—DIALECTS

The dialectic foundation of the Azerbaijani national literary language. M.Sh.Shiraliev. Trudy Inst.lit.i iaz.AN Azerb.SSR 12:11-21 '58.

Dialectological studies at the Azerbaijani State University. A.G.Veliev. Trudy Inst.lit.i iaz.AN Azerb.SSR 12: 123-124 '58.

Status of the study of Azerbaijani dialects. R.A.Rustamov. Trudy Inst.lit.i iaz.AN Azerb.SSR 12:66-77 '58.

AZERBAIJANI LITERATURE—HISTORY AND CRITICISM

Arif, Mamed. [Literature of the Azerbaijani people] Literatura azerbaidzhanskogo naroda. Baku, Azerbaidzhanskoe gos.izd-vo, 1958. 84 p.

AZERBAIJANI PORTRAITS see Portraits, Azerbaijani

AZIDES

Interaction between fluoroolefins and hydrazoic acid and the rearrangement of perfluoroalkenylazides. I.L. KnunIants, E.G.Bykhovskaia. Dokl.AN SSSR 131 no.6:1338-1341 Ap '60.

Photometric determination of microquantities of sulfides and sulfur in metals from the catalytic effect on the iodine-azide reaction. A.K Babko, L.V.Markova. Zav.lab. no.11:1283-1287 '59.

AZIDES (Continued)

Rearrangement of α, α-difluoroalkyl azides. I. L. Knuniants, E. G. Bykhovskaia, V. N. Frosin. Dokl. AN SSSR 132 no. 2:357-359 My '60.

AZIMZADE, AZIM, 1880-1943

Antireligious drawings by Azim Azimzade. M. Nadzhafov. Isk. Azerb. no. 7:22 '59.

Dramatic legacy of the popular artist Azim Azimzade. D. Safaralieva. Dokl. AN Azerb. SSR 15 no. 11:1081-1084 '59.

AZO COMPOUNDS

Reactions of azodicarboxylic ester with gem-dialkylbutadienes. R. IA. Levina, IU. S. Shabarov, M. G. Kuz'min. Dokl. AN SSSR 131 no. 5:1080-1083 Ap '60.

Substitution for the halogen in azo compounds. Part 9 Effect of the position of the halogen and of the electron-donor substituent, and effect of the latter's nature. M. A. Andreeva, B. I. Stepanov. Zhur. ob. khim. 30 no. 4 1350-1356 Ap '60.

AZO DYES

Realkylation of the alkoxy group in azo dyes. B. I. Stepanov, M. A. Andreeva. Khim. nauka i prom. 4 no 5: 677-678 '59.

AZOLLA, FOSSIL see subdivision under Kazakhstan; Malyy Atlym region

AZOTOBACTER

Azotobacterin, a substance promoting growth and fat accumulation in swine P S Popekhina Biul nauch - tekh. inform. VIZH no. 1 10-12 '57

Azotobacter in the Podzolic soils of Siberia [with summary in English]. G. N. Blinkov, A. N. Novoselova. Mikrobiologiia 28 no. 6:911-915 N-D '59.

Effect of temperature on the development of Azotobacter. N. N. Naplekova Izv. Sib. otd. AN SSSR no. 11 69-72 '59.

Oxidative phosphorylation and polyphosphate synthesis in cells of Azotobacter vinelandii. G. N. Zaitseva, A. N. Belozerskii, L. IU. Frolova. Dokl. AN SSSR 132 no. 2: 470-473 My '60.

Using azotobacterin for southern hemp varieties and ambary hemp. N S Val'ko, I M Riabchenko Len i konop 4 no. 11 35-36 N '59

AZOV, SEA OF—FISHERIES

Suggestions for improvements in the fishery management of the Azov Basin. I. T. Safonov. Ryb. khoz. 35 no. 10: 11-16 O '59.

AZOV, SEA OF—HERRING

Relation between fatness and the fractionated spawning regime in the herring Clupeonella delicatula (Nordm.) of the Sea of Azov. D. A. Shubnikov Nauch. dokl. vys. shkoly, biol. nauki no. 2:31-32 '60.

AZOV REGION—DIKES (GEOLOGY)

Petrochemical characteristics of dike rocks in the western Azov region V. A Slipchenko. Nauk. zap Kyiv. un. 16 no. 14:157-162 '57.

AZOV REGION—MALACOSTRACA

Recent data on the occurence of higher crustaceans (Malacostraca) in small rivers of the northern Azov region [with summary in English] I P Lub'ianov Dop AN URSR no 11:1271-1274 '59

AZOV REGION—ROCKS, IGNEOUS

Some data from a paragenetic analysis of ultrabasic rocks of the western Azov region [with summary in English]. I. S. Usenko. Dop. AN URSR no. 10:1136-1140 '59.

BCG VACCINATION

Effect of phthivazide on the development of immunity in BCG vaccination in experiment [with summary in French]. E. F. Chernushenko. Probl. tub. 37 no. 7: 81-84 '59.

Tuberculosis vaccination in adult subjects with a positive tuberculin reaction [with summary in English]. I. E. Kochnova and others. Sov. med. 23 no. 12:58-63 D '59.

BABIES see Infants

BABLIAK, VOLODYMYR

The stream of life ("Cherry orchard"; a novel by V. Babliak. Reviewed by I. Hermakiva'kyi). Ukraina no. 2:27 Ja '60.

BACTERIA

(see also subdivision under Black Sea)

Assimilation of the carbon of carbon dioxide in the process of biosynthesis by Vibrio desulfuricans and some heterotrophic bacteria. IU. I. Sorokin. Dokl. AN SSSR 132 no. 2:464-466 My '60.

Comparative fluorescence investigation of bacterial structure [with summary in English]. M. N. Meisel', L. V. Mirolfubova. Izv. AN SSSR. Ser. biol. 24 no. 6:865-878 N-D '59.

Destruction of rubber by micro-organisms [with summary in English]. I. T. Nette, N. V. Pomortseva, E. I. Koztova. Mikrobiologiia 28 no. 6:881-886 N-D '59.

Effect of plant extracts on the growth of bacterial cultures. O. K. Mygal'. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 169-172 '59.

BACTERIA, AUTOTROPHIC

Role of chemosynthesis in the production of organic matter in reservoirs. Report No. 4: Feeding of aquatic invertebrates on autotrophic bacteria oxidizing methane and hydrogen [with summary in English]. IU. I. Sorokin. Mikrobiologiia 28 no. 6:916-920 N-D '59.

BACTERIA, CELLULOSE-DECOMPOSING

Toxicity of soils of the Kola Peninsula to aerobic cellulose bacteria [with summary in English]. R. A. Zhukova. Mikrobiologiia 28 no. 6:904-910 N-D '59.

BACTERIA, NITRIFYING

Nitrifying bacteria in fish ponds [with summary in English]. A. G. Rodina. Mikrobiologiia 28 no. 6:921-926 N-D '59.

BACTERIA, SPORE FORMING

Studying the conditions promoting sporulation in bacteria by the method of continuous flow microcultures [with summary in English]. N. D. Ierusalimskii, E. A. Rukina. Mikrobiologiia 28 no. 6:801-806 N-D '59.

BACTERIA, SULFUR

Morphology of sulfur purple bacteria of the genus Chromatium and its relation of the composition of the culture medium [with summary in English]. E. A. Petrova. Mikrobiologiia 28 no. 6:814-818 N-D '59.

BACTERIA, THERMOPHILIC

Significance of thermophilic properties in the classification of actinomycetes. A. E. Kosmachev. Mikrobiologiia 28 no. 6:938-943 N-D '59.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Bacteriophage reproduction as related to the culture conditions of bacteria [with summary in English]. L. B. Borisov. Mikrobiologiia 28 no. 6:933-937 N-D '59.

Development of mold fungi in distilled water. E. S. Tatarenko, I. P. Ternikova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:91-95 '60.

Dry medium for the detection of Clostridium perfringens. V. F. Runova, N. V. Ploskirev. Lab. delo 6 no. 1:37-40 Ja-Fe '60.

Effect of the source of nitrogen nutrition on the structure and development of the producer of chlortetracycline (Actinomyces aureofaciens) L. N. Kats, A. A Prokof'eva-Bel'govskaia TSitologiia 1 no. 6:707-713 N-D '59.

Medium for the detection of the toxic strains of types A, B, C, D, and F of Clostridium perfringens. B. D. Bychenko. Lab. delo 6 no. 1:40-43 Ja-Fe '60.

Studying the conditions promoting sporulation in bacteria by the method of continuous flow microcultures [with summary in English]. N. D. Ierusalimskii, E. A. Rukina. Mikrobiologiia 28 no. 6 801-806 N-D 59.

Use of vegetable raw material in streptomycin production [with summary in English]. P. A. Agatov, T. B. Kaganskaia. Mikrobiologiia 28 no. 6:858-862 N-D '59.

BACTERIOLOGY—TECHNIQUE

Changes occurring in the bacterial cell during the preparation of ultrathin sections [with summary in English]. V. M. Kushnarev. Mikrobiologiia 28 no. 6:819-823 N-D '59.

BACTERIOLOGY, MEDICAL

Determination of the mobility of bacteria and the short color series. V. V. Popova-Shalamova. Lab. delo 6 no. 1: 44-46 Ja-Fe '60.

BACTERIOPHAGE

Bacteriophage control in manufacturing ferments for cheese making. Moloch. prom. 20 no. 12:13-17 D '59.

Bacteriophage reproduction as related to the culture conditions of bacteria [with summary in English]. L. B. Borisov. Mikrobiologiia 28 no. 6:933-937 N-D '59.

Use of bacteriophage titer growth in the detection of dysenterial microbes in artificially infected water. E. N. Miliaeva. Gig. i san. 24 no. 12:69-71 D '59.

BADAKHSHAN PROVINCE—BOTANY

Brief survey of the vegetation of Badakhshan. O. E. Agakhaniants. Trudy AN Tadzh. SSR 99:47-67 '58.

BADGES OF HONOR see Decorations of honor

BADKHYZ—NUMMULITES

Nummulitic horizons in the Eocene of Badkhyz (Turkmenistan). O. S. Vialov and others. Dokl. AN SSSR 132 no. 2:421-424 My '60.

BAER, KARL ERNST VON, 1792-1876

P. F. Gorlaninov, K. M. Baer, and N. A. Kholodkovskii as evolutionists. E. N. Pavlovskii. Izv. AN SSSR. Ser. biol. 24 no. 6:801-813 N-D '59.

BAGRAM-TAPINSKIY HYDROELECTRIC POWER STATION

Damming the Araks River at the construction site of the Bagram-Tapinskiy Hydroelectric Power Station. N. N. Kovtun. Gidr. strol. 28 no. 2:20-22 F '59.

BAGWORM MOTHS

Kozhanchikov, I. V. [Bagworm moths (family Psychidae)] Chekhlonosy-meshechnitsy (sem. Psychidae). Moskva, Izd-vo Akad. nauk SSSR, 1956. 516 p. (Fauna SSSR, no. 62)

BAIKAL, LAKE—ALGAE

Systematic list of plankton algae in Lake Baikal and some data on the biology of their mass forms O M Kozhova Izv Sib. otd AN SSSR no 10 112-124 '59

BAIKAL, LAKE—COAST CHANGES

Determining the width of the washout of shores of Lake Baikal. E. K. Grechishchev. Trudy Vost.-Sib. fil AN SSSR no. 10:148-209 '59.

Vertical movements of the shore of Lake Baikal. V. S. Miakokin. Trudy Okean. kom. no. 4:197-204 '59.

BAIKAL, LAKE—GEOLOGY, STRUCTURAL

Terraces on Lake Baikal. G. B. Pal'shin. Trudy Vost.-Sib. fil. AN SSSR no. 10:3-21 '59.

BAIKAL, LAKE—PERCH

Summer feeding of perch in some bays and shore lagoons of Lake Baikal. M. I. Tarverdieva. Nauch. dokl. vys. shkoly, biol. nauki no. 2:25-30 '60.

BAIKAL, LAKE—SEDIMENTS (GEOLOGY)

Longitudinal displacement of transported material on the southeastern shore of Lake Baikal. N. P. Ladokhin. Trudy Vost.-Sib. fil. AN SSSR no. 10:22-28 '59.

BAIKAL, LAKE—WAVES

Bottom wave pressure near shore structures in water logged soil. E. K. Grechishchev, A. K. Kuklin. Trudy Vost.-Sib. fil. AN SSSR no. 10:29-47 859.

BAIKAL REGION—MINERAL WATERS

Mineral waters in the Baikal region. V. G. Tkachuk, G. A. Ankudinova. Trudy Vost.-Sib. fil. AN SSSR no. 10:97-136 '59.

BAIKAL REGION—RIVERS

Average discharge of river waters of the basin of Lake Baikal. A. N. Afanas'ev. Trudy Vost.-Sib. fil. AN SSSR no. 10:48-96 '59.

BAIKOV, FEDOR ISAKOVICH

In the capital city of Khanbalik. Sergei Markov. Moskva 3 no. 10:217-218 '59.

BAIL

In the custody of workers. Kost' Prokhorenko. Ukraina no. 23:17 D '59.

Mikhailovskaia, I. B. [Courts and society in the Soviet state] Sud i obshchestvennost' v Sovetskom gosudarstve. Moskva, Izd-vo "Znanie," 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 10)

Release on bail. Sov. iust. no. 12:02-04 D '59.

BAKANAS DELTA—GEOLOGY, STRUCTURAL

Delta of the rivers Ili and Bakanas. V. A. Nikolaev. Trudy Sekt. geog. AN Kazakh. SSR no. 4:134-157 '59.

BAKED PRODUCTS—STORAGE see subdivision under Leningrad

BAKELITE

Use of bakelite coatings in heat exchangers of the by-product coking industry. I. A. Levantovich. Koks i khim. no. 12:33-35 '59.

BAKERS AND BAKERIES

Introductory note. N. E. Morev. Khleb. i kond. prom. 2 no. 5:2-3 My '58.

Prospects for the development of the baking industry in the R.S.F.S.R. from 1959 to 1965. I. F. Beliamin. Khleb. i kond. prom. 2 no. 5:5-7 My '58.

BAKERS AND BAKERIES—AIR CONDITIONING

Experience in using air conditioners designed by the All-Union Scientific Research Institute of the Baking Industry. V. V. Mukhin. Khleb. i kond. prom. 2 no. 5 18-21 My '58.

BAKERS AND BAKERIES—CONGRESSES

Decision of the Scientific and Technical Conference of the All-Union Scientific Research Institute of the Baking Industry. Khleb. i kond. prom. 2 no. 5:45-46 My '58.

Scientific and Technical Conference of the All-Union Scientific Research Institute of the Baking Industry. Khleb. i kond. prom. 2 no. 5:1 My '58.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Alma-Ata; Leningrad; Moscow)

Automatic proportioning feeder plants for baked products and pretzels. N. A. Smolianskii. Khleb. i kond. prom. 2 no. 5:33-35 My '58.

Mechanized production lines for making bread in the hearth or in molds, and pretzel products, developed by the All-Union Scientific Research Institute of the Baking Industry in cooperation with the industry. N. E. Morev. Khleb. i kond. prom. 2 no. 5:7-14 My '58.

Newly designed baking ovens. N. V. Belikov. Khleb. i kond. prom. 2 no. 5:31-32 My '58.

Using nonmetallic trays in conveyer-type baking ovens. V. O. Fogel'. Khleb. i kond. prom. 2 no. 5:30 My '58.

BAKERS AND BAKERIES—PERIODICALS

Conference of readers of "Khlebopekarnaia i konditerskaia promyshlennost'." Khleb. i kond. prom. 2 no. 5:48 My '58.

BAKHSH VALLEY—GEOLOGY, STRUCTURAL
Structure of Quaternary sediments and their engineering properties in a section of the Yava-Bakhsh interfluve. IU.V.Krylkov. Dokl.AN Tadzh.SSR 1 no.4:15-18 '58.

BAKHSH VALLEY—TREES
Studying the root systems of woody plants along drainage channels in the Bakhsh Valley. M.A.Bogatiuk. Izv. Otd.est.nauk AN Tadzh.SSR no 2.101-114 '59.

BAKHTA VALLEY—ROCKS, IGNEOUS
Alkaline differentiates of trap magma in the Bakhta Basin (Siberian Platform) L.P.Khilanina Trudy IGEM no 29:125-153 '59

BAKING
Achievements and objectives of the biochemistry of bread baking. A.I.Oparin. Khleb.i kond.prom 2 no 5:3-4 My '58.
Changes of gluten proteins in the process of wheat bread baking. K.N.Chizhova. Khleb.i kond.prom. 2 no.5, 16-17 My '58.
Use of concentrated ferment preparations from molds. R.R.Tokareva Khleb.i kond.prom. 2 no.5 25-27 My '58.

BAKU—AGRICULTURAL MUSEUMS
Agricultural museum in Azerbaijan. A.Allakhverdiev. Nauka i pered op.v sel'khoz. 9 no.12 56 D '59.

BAKU—DECORATION AND ORNAMENT, ARCHITECTURAL
Ornamental features of the buildings comprising the Shirvanshakhov Palace in Baku (15th century). N.Askerova. Isk.Azerb. no.7 246-261 '59.

BAKU—TEXTILE INDUSTRY
Assisted by the scientific technological society M Aslandy NTO no 11 44 N '59

BAKURIANI—SKIS AND SKIING
Skiers' capital. Smena 36 no.24:12d-13 D '59.

BAKUSHINSKII, ANATOLII VASIL'EVICH, 1883-1939
The legacy of A.V.Bakushinskii. N.Kovalenskaia. Iskusstvo 22 no.10:27-29 '59.

BALANCE
New graduation of hydrostatic steelyard-type balance (Westphal balance) L P. Stepanov. Trudy VNIIM no 37:149-152 '59

BALANCE OF PAYMENTS see subdivision under Great Britain

BALANDA—REPAIR AND SUPPLY STATIONS
Confidence. D.Rutkovskii, N.Skvortsov. Okhr.truda i sots.strakh. no.12:55 D '59.

BALANDA DISTRICT—COOPERATIVE SOCIETIES
We reduce turnover expenses. L.Vainfel'd. Sov.potreb. koop 4 no.1:30-31 '60.

BALASHIKHA DISTRICT—COMMUNIST EDUCATION
Staffed with nonsalaried personnel. D.Kazutin. Mosk.prop. 16 no.12,57-59 D '59.

BALIUK, IVAN STEPANOVYCH
Collective farm engineer. Mykola Onoprilenko. Kolh. Ukr. 6 no.12:15-16 D '59.

BALKARIANS
Origin of the Balkarians and the Karachaevs. L.I. Lavrov. Krat.soob.Inst.etn. no.32:3-7 '59.

BALKHASH—MINERAL INDUSTRIES
We introduce new machinery and progressive methods of work. M Kas'ian Part.zhizn' Kazakh. 28[i.e 29] no 12:51-54 D '59

BALKHASH REGION—LAMELLIBRANCHIATA, FOSSIL
The new family Leiopectinidae from upper Silurian and lower Devonian deposits of northeastern Balkhash region. I.N.Krasilova. Paleont.zhur. no.3:41-46 '59.

BALKHASH REGION—WORMWOOD
Flowering time of wormwoods of the subgenus Seriphidium (Bess) Rouy G.G.Rusiaeva. Bot zhur 44 no.10 1510-1521 O '59

BALLAST (RAILROADS)
(see also subdivision under United States)
Ballast cleaners used for cutting ballast from beneath the rail in track levelling. S A. Mamatov Put' i put khoz. no. 12:15 D '59
Inadequate chapter in a useful book ("Crushed stone and gravel plants in railroad transportation" by V A. Bogoslovskii, S P. Pershin. Reviewed by V A. Domra). Put' i put.khoz no 12 41 D '59.
Make wider use of asbestos ballast. V F. Lobanok. Put' i put khoz. no 11 5-6 N '59.
Mechanization of operations for removing ballast from tie cribs. N. A. Karpov. Trudy TSNII MPS no. 178: 102-114 '59.
On track sections with heaving soil A. F. Kriulin. Put' i put khoz no 11 21 N '59.
Problems in the mechanization of ballast cleaning operations K A Blokhin Put' i put khoz no 11:2-4 N '59

BALLET
(see also subdivision under China; Leningrad)
Returning to V. Zaleskii. L. Entelis. Sov.muz. 24 no. 1:48-55 Ja '60.
Unforgettable meetings. Li Chi-kuei Druzhba no.51: 21-22 D '59.
Vaganova, A.IA. [Articles, recollections, materials] Stat'i, vospominaniia, materialy. Leningrad, Gos. izd-vo "Iskusstvo," 1958. 342 p. (LU)

BALLISTICS, FORENSIC see Forensic ballistics

BALLISTOCARDIOGRAPHY
Ballistocardiography in patients with pulmonary tuberculosis [with summary in French]. L.T. Malaia. Probl. tub. 37 no.7:57-68 '59.

BALLOONS, PILOT
Errors in pilot balloon observations. I.G. Kurdiani. Trudy Inst.geofiz AN Gruz.SSR 17:469-505 '58
Some problems in the use of damped pilot ballons with a low lifting capacity [in Georgian with summary in Russian]. G Makharadze. Trudy Inst.geofiz AN Gruz SSR 17:507-525 '58

BALTAY DISTRICT—FRUIT CULTURE
Community's role in developing fruit and vegetable growing I. A. Pronin Sad i og. 97 no 12 39-40 D '59

BALTAY DISTRICT—VEGETABLE GARDENING
Community's role in developing fruit and vegetable growing I. A Pronin Sad i og 97 no. 12 39-40 D '59

BALTIC REGION—HYDROLOGY
Seventh Conference on Inland Waters of the Baltic Region. S.V.Grigor'ev. Izv. Kar. i Kol'. fil. AN SSSR no. 3:158-159 '59.

BALTIC SEA—ICE
Variation of ice conditions in the Baltic Sea and the straits of Denmark. V. V. Butin, IU. V. Preobrazhenskii. Trudy GOIN no. 37:3-13 '59.

BALTIC SEA—MARINE BIOLOGY
"Sea and shore" [in German] by Fritz Gessner. Reviewed by I. A. Kiselev Bot zhur 44 no 10:1512-1514 O '59.

BALTIC SEA—SALINITY
Salt exchange through the straits of Denmark and its effect on long-term salinity variations in the Baltic Sea. I. M. Soskin. Trudy GOIN no. 37:34-41 '59.

BALTIC SEA—SAND BARS
Certain specific features of the development of underwater sand steps. R.IA. Knaps. Trudy Okean.kom. no.4 41-53 '59.

BALTIC SEA—TEMPERATURE
Long-term variations of water temperature in the Baltic Sea. I. M. Soskin, L. V. Rozova. Trudy GOIN no. 37:42-52 '59.

BALTIC STATES—ARCHIVES
Group conference of Baltic region archivists. L. N. Ist. arkh. no. 6:187-190 N-D '59.

BANACH SPACE see Spaces, Generalized

BANDAGES AND BANDAGING
Biological antiseptic tampon and its clinical application [with summary in English]. N. M. Aleksandrova, E.A. Senchilo Vest. khir. 83 no. 11:90-94 N '59.

BANGKOK—DESCRIPTION
In Bangkok. IU. Komarov, V. Kuznetsov. Smena 36 no. 24:18-19 D '59.

BANKS AND BANKING
(see also subdivision under Dno District; Moscow; Ryazan Province; United States)
Bdzhola, D. K., and others. [Analysis of the administrative operations of industrial enterprises] Analiz khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Gosfinizdat, 1960. 154 p.
Expanding State Bank credit relations with machinery industry enterprises. E. Utkin. Nauch. dokl. vys. shkoly. ekon. nauki no. 4:53-63 '59.
In the Board of Directors of the State Bank. Den. i kred. 18 no. 4:92 Ap '60.
Role of the State Bank in the economic life of the country. N. Barkovskii. Den. i kred. 18 no. 4:18-24 Ap '60.
V. I. Lenin and the building of the credit-monetary system of the U.S.S.R. A. Gusakov. Den. i kred. 18 no. 4: 7-17 Ap '60.
V. I. Lenin on the role of banks under socialism. Den. i kred. 18 no. 4:5-6 Ap '60.

BANKS AND BANKING—ACCOUNTING
Mechanizing accounting for deposit operations and for financing capital investments. E. Gertsovskii, A. Bobrovskii. Den. i kred. 18 no. 4:66-68 Ap '60.

BANKS AND BANKING—CONGRESSES
Conference of bank office managers of the Russian Federation. Den i kred. 18 no. 4:93 Ap '60.
Conference of managers of republic State Banks. Den. i kred. 18 no. 4:93 Ap '60.

BAPTISM
Surviving trace of the remote past. M. Nazimov, M. Bystrov. Agitator no 1 77-78 Ja '60.

BAPTISTS
(see also subdivision under Leningrad; Moscow)
Death of Brother P. S. Lisovenko. N. N. Mel'nikov. Brat. vest. no. 1:16-18 '59
Local news. Brat. vest. no. 1:7-15 '59.

BAPTISTS—RELATIONS
Telegrams received from foreign countries. Brat. vest. no. 1:27-33 '59

BARABAKH LOWLAND—CORN (MAIZE)
Effect of seeding time on the yield of stubble-sown corn under irrigation in the Barabakh Lowland. B B. Grigor'ian. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6: 65-69 '59.

BARADULIN, RYHOR
Lessons of a first collection ("Crescent over the steppe"; verse by Ryhor Baradulin. Reviewed by IU. Kano). Belarus' 16 no. 12:31 D '59.

BARAKOV, PETR FEDOROVICH, 1858-1919
Organizer of agricultural research. N. Pshenychnyi Nauka i zhyttia 9 no 5 48 My '59

BARANOVICHI—MEAT INSPECTION
Detection of trichinae in cross sections of muscles of the intestinal tract S Mikhniuk Mias. ind SSSR 30 no 6,35 '59

BARBITURATES
Study of age-specific reactivity to barbiturates [with summary in English]. I. V. Markova. Fiziol. zhur. 45 no. 12:1484-1488 D '59.

BARBITURATES—TOXICOLOGY
Treatment of barbiturate poisoning with strychnine. M.A Aver'ianova, L. P. Zaretskaia, M. G Sheinis. Vrach delo no. 11 1203 N '59

BARBITURIC ACID
New method of judging the oxidation degree of oil. R. R. Perepletchik, E. I. Novikova. Ryb. khoz. 35 no. 10:62-64 O '59.

BARENTS SEA—CODFISH
Tagging data on the migrations of cod during 1954-1956 due to changes in hydrological conditions in the southern part of the Barents Sea. V. P. Ponomarenko. Dokl. AN SSSR no. 6:1464-1467 Ap '60.

BARENTS SEA—FISHES—FOOD
Konstantinov, K. G. [Commercial fish of Barents Sea and their feeding; a manual for crews of trawler fleets] Promyslovye ryby Barentseva moria i ikh pitanie, rukovodstvo dlia plavsostava tralovogo flota. Izd. 2. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 40. p. (DI)

BARENTS SEA—ICE
Effect of the North Cape Current on ice conditions in the Barents Sea. N. S. Uralov. Trudy GOIN no. 37:14-33 '59.

BARENTS SEA—OCEAN CURRENTS
Effect of the North Cape Current on ice conditions in the Barents Sea. N. S. Uralov. Trudy GOIN no. 37:14-33 '59.

BARENTS SEA—TIDES—MAPS
Calculation of cotidal maps with an interference account of tidal waves. O. A. Vladimirov, V. D. Titov. Trudy GOIN no. 37:155-177 '59.

BARENTS SEA—WATER BIRDS
"Ecology of marine colonial nesting birds of the Barents Sea" by L. O. Belopol'skii Reviewed by N. N Kartashev. Zool. zhur. 39 no 1:142-144 Ja '60.

BARGES
Eliminate delays in the discharge of oil from barges. I. G. Poliakov. Neftianik 4 no. 12:20 D '59.
Modernizing bulk cargo deck barges with a 3,000-ton loading capacity. A. F. Panshin. Rech. transp. 18 no. 12:26-27 D '59.
Reconstructing barges of 100-ton carrying capacity for fish transportation in cooled circulating brines. E. G Khvatkov. Ryb. khoz. 35 no. 10:22-27 O '59.
SMB-1 powered seagoing barge. IU. V. Lukin, V. D. Maksakov. Sudostroenie 25 no. 12:5-6 D '59.

BARIUM COMPOUNDS
Equilibrium in the system barium chloride bromide - water at 25°. A. K. Zhdanov. SSR no. 11:45-47 '59.

BARIUM FLUORIDE
Fusibility diagram for ternary sys lithium, barium, sodium, and p Berezhnaia, G. A. Bukhalova. 21 no. 11:2600-2605 N '59.

BARIUM NITRATE
Ternary system consisting barium nitrates. P. I. P neorg. khim. 4 no. 11:

BARIUM OXIDE

Work function of thin films of BaO on tungsten. A.R. Shul'man, T.S.Krasnova, V.K.Pavlov. Radiotekh. i elektron 5 no 5 840-848 My '60.

BARIUM SULFATE

Influence of solvent ions on the processes of deposition of poorly soluble salts [with summary in German]. N.Kusheva-Markova. Koll.zhur. 21 no.6 664-669 N-D '59.

BARK

Antibacterial properties of bark extracts from some trees and shrubs. M.P.Travkin Nauch.dokl.vys.shkoly, biol.nauki no.2·167-169 '60.

BARK BEETLES see subdivision under Karelia

BARK INSCRIPTIONS

Polish edition of the Novgorod birch bark inscriptions [in Polish] by W Kuraszkiewicz Reviewed by N A Meshcherskii Vop iaz. 8 no 6 144-147 N-D '59

BARLEY

Importance of the vernalization stage in different forms of barley after late fall sowing. K.S.Didan. Pratsi Od.un.Zbir.stud rob. no.5:(vol.149) 189-191 '59.

Results of variety testing in 1956. M.M.Bel'kova. Trudy Kar.fil.AN SSSR no.17:87-96 '59.

BARNAUL—BUILDING TRADES—STUDY AND TEACHING

By the order of a building trust. I.M.Ptukhin. Sred. spets.obr. 6 no.11:53 N '59.

BAROMETRIC HYPSOMETRY

Increasing the accuracy of measuring altitudes by the method of barometric hypsometry. G.D Petrov. Razved.i prom.geofiz. no.33:65-96 '59.

Working up materials of barometric hypsometry by the method of baric zeros. G.S Butakov. Razved.i prom. geofiz. no.33:69-84 '59.

BARRETO, TOBIAS, 1839-1889

Tobias Barreto, outstanding Brazilian thinker, on the 120th anniversary of his birth Zh.A.Bazar'ian. Vest. ist.mir.kul't. no.6 111-121 N-D '59

BASHKIR LANGUAGE—WORD FORMATION

Garipov, T.M. [Formation of norms, adjectives, numerals, and pronouns in the Bashkir language] Bashkirskoe imennoe slovoobrazovanie. Ufa, Akad. nauk SSSR, Bashkirskii filial in-ta istorii, iazyka i lit-ry, 1959. 220 p.

BASHKIRIA—COLLECTIVE FARMS—FIRES AND FIRE PREVENTION

Always prepared. M.Beigel, Kh.Araslanov. Pozh.delo. 5 no.12,5-6 D '59

BASHKIRIA—ECONOMIC CONDITIONS

Mustafina, F.Kh. [In the family of equal nations] V sem'e ravnopravnykh narodov. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 53 p., illus.

BASHKIRIA—ELECTION LAW

Bashkir A.S.S.R. Laws, statutes, etc. [Statute of elections to the Supreme Soviet of the Bashkir A.S.S.R.. Approved by decree of the Presidium of the Supreme Soviet of the Bashkir A.S.S.R., December 14, 1950; with amendments introduced by decree of the Presidium of the Supreme Soviet of the Bashkir A.S.S.R., January 9, 1959] Polozhenie o vyborakh v Verkhovnyi Sovet Bashkirskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Bashkirskoi ASSR ot 14 dekabria 1950 goda. S izmeneniiami, vnesennymi Ukazom Prezidiuma Verkhovnogo Soveta Bashkirskoi ASSR ot 9 ianvaria 1959 goda. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 22 p.

BASHKIRIA—FORAGE PLANTS

Wild forage plants of Bashkiria suitable for introduction. V.Mikheev. Trudy Bot inst.Ser. 6 no.7:229-232 '59.

BASHKIRIA—GEOLOGY, STRATIGRAPHIC

Division and correlation of carbonate formations. O.M. Mkrtchian. Geol.nefti i gaza 3 no.12:23-28 D '59.

BASHKIRIA—MUSIC

Bashkirian impressions. N.Shumskaia. Sov.muz. 24 no.1:139-143 Ja '60.

BASHKIRIA—OIL FIELDS

Nine new oil fields. Izv.vys.ucheb.zav , neft' i gaz 2 no.11 16 '59.

BASHKIRIA—PROSPECTING—GEOPHYSICAL METHODS

Physical properties of rocks in the Perm and Bashkir area of the Ural Mountain region. K.B.Mokshantsev, M.A.Aizenberg. Razved.i prom.geofiz no.32·56-79 '59.

BASHKIRIA—SHRUBS

Results of tree and shrub introductions at the Botanical Garden of the Bashkir Branch of the Academy of Sciences of the U.S.S.R. R.I Rogova. Trudy Bot.inst Ser. 6 no.7:505-507 '59.

BASHKIRIA—TREES

Results of tree and shrub introductions at the Botanical Garden of the Bashkir Branch of the Academy of Sciences of the U.S.S R. R I.Rogova. Trudy Bot.inst Ser 6 no.7 505-507 '59.

BASIDIOMYCETES see subdivision under Yunnan Province

BASKETBALL

Defense controls the opponent. IU.Vystavkin. Sp.igry 5 no 12·13-14 D '59.

Experts are being produced in the country; experiences of athletic clubs in Bulgaria V.Temkov Sp.igry 5 no 12,18-19 D '59.

Keeping record of the game P Chumakov Sp igry 5 no 12 14 D '59

The mark of masters; how the best basketball players make their free throws V Grigor'ev. Sp.igry 5 no.12. 8 D '59.

Vasil'ev, L.V. [Basketball in the Olympics] Basketbol na olimpiadakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 61 p.

Who is the best shot? The contest between basketball players continues. A Basin and others. Sp.igry 5 no.12 8 D '59.

BATAK

New data on the "tri-clan" among the Batak, G.G.Stratanovich. Sov.etn. no.6:118-122 N-D '59.

BATAYSK—RAILROADS

Efficiency experts of the Bataysk District B F Temerov Avtom telem i sviaz' 3 no 12 26-27 D '59

BATES LABORATORY ASPIRATOR see Separators (Machines)

BATHS see subdivision under Garni

BATHS, RUSSIAN

Standard plans for rural bathhouses and laundries. Sel'. stroi. 14 no 12 supplement·p.3-4 D '59.

BATHYSCAPHE

Scientific deep-sea expedition to the Pacific Ocean. V.P. Zaitsev. Ryb khoz. 35 no.10·72-78 O '59.

BATHYTHERMOGRAPH

Improved bathythermograph. Ryb.khoz. 35 no.10·91-92 O '59.

BATUM

In the oil regions of our country. Neftianik 4 no.9 30-31 S '59

BATUMI—CLOTHING INDUSTRY—LABOR PRODUCTIVITY

Foreman of two brigades. V.K.Degtiarev. Shvein.prom. no.6:26 N-D '59.

BATUMI DISTRICT—MOSQUITOES

Survival of Anopheles bifurcatus mosquitoes to the epidemiologically dangerous age in Batumi District Adzhar Autonomous Republic. T.A.Khatenesian Med.paraz i paraz bol. 28 no.5,560-562 S-O '59.

BAUXITE

(see also subdivision under Amangel'dy District, Lvov-Volyn' Basin)

Factors governing the formation of bauxites. A.N. Volkov. Trudy Inst.geol.nauk AN Kazakh.SSR no.2· 104-128 '59.

BAUXITE—ACCOUNTING see subdivision under Ural Mountain region

BAYANKOL VALLEY—GEOLOGY, STRUCTURAL

Geomorphology of the Bayankol River valley. V.A.Gerasimov. Trudy Sekt.geog.AN Kazakh.SSR no.4:5-41 '59.

BAYANKOL VALLEY—GLACIAL EPOCH

Early glaciation of the Bayankol River basin. V.A. Gerasimov. Trudy Sekt.geog.AN Kazakh.SSR no.5: 79-97 '59.

BAYDAR VALLEY—ARCHAEOLOGY, MEDIEVAL

Medieval settlements in the Baydar Valley; the 1956 archaeological excavations. A.L.IAkobson. Krat.soob. IIMK no.76:90-102 '59.

BAYDZHANSAY REGION (KARA TAU)—GEOLOGY, STRATIGRAPHIC

New data on the Ordovician stratigraphy of the Baydzhansay region in the Greater Kara-Tau (East Kazakhstan Province). G.I.Makarychev. Izv.vys.ucheb.zav.; geol.i raz. 2 no.9·20-24 S '59.

BAZHENOV, VASILII

He loves his country ("Forest tale" by Vasilii Bazhenov, Reviewed by Mykola Skors'kyi). Ukraina no.23,29 D '59.

BAZHOV, PAVEL PETROVICH, 1879-

Batin, M.A. Pavel Petrovich Bazhov, 1879-1950. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 312 p.
(MH)

The phantastic in P.P.Bazhov's tales; a study of its literary characteristics. R.V.Gol'dshtein. Uch.zap.Sverd gos.ped.inst. no.15:89-108 '57.

BEACH EROSION

(see also subdivision under Arctic regions; Black Sea)

Empiric formulae for predicting shoreline erosion of reservoirs during the first years of their operation (under conditions similar to those at Kakhovka reservoir). R O.Smyrnov. Pratsi Od.un.Zbir.stud.rob. no.5:(vol.149) 145-147 '59.

Use of fluorescent sand in studying mass drifts of littoral sand. V.L.Boldyrev. Biul.Okean kom. no.3:60-72 '59.

Use of radioisotopes in studying littoral sand drifts. O.K Leont'ev, V.N.Afanas'ev. Biul.Okean kom. no.3:73-79 '59.

BEACHES see subdivision under Black Sea

BEAMS see Girders

BEARING INDUSTRY

(see also subdivision under Kharkov)

Creative initiative of the masses and the seven-year plan. N Kabanov. Sots.trud no.12 11-16 D '58

BEARING METALS

Manufacture of bimetallic bearings; Gunboat Repair Yard. I.IAnkovich Inform.sbor.TSNIIMF no.26:65-74 '59.

Powder-metal bushings. V.E.Gleizer, A.A.Matskov. Mashinostroitel' no.1·29 Ja '60.

Reduction of ball-bearing steel in arc furnaces. I.P. Malkin Trudy Ural.politekh inst. no 75:207-216 '59

BEARINGS (MACHINERY)

Aluminum bimetallic bushings of repair size. A.F.Begidzhanova, IU.IA.Zil'berg. Mekh.i elek.sots.sel'khoz 17 no.6 23-27 '59.

Designing crankshaft bearings for internal-combustion engines. L.V.Korchemnyi. Avt.prom. no.12:7-10 D '59.

Device for removing bearings from sockets V Galkin Tekh.v sel'khoz. 20 no 1·79-80 Ja '60

Heat transmission over a hollow cylinder applied to the calculation of radial bearings. M.IA.Laufer, V.K. Kasperskaia. Sudostroenie 25 no.11;33-35 N '59.

BEAVERS

Results of temperature measurements in beaver rooms [with summary in English] V.V.Dezhkin. Zool zhur 38 no.1·126-131 Ja '59.

BEDNYI, DEM'IAN, 1883-1945

A study of the genre characteristics of Dem'ian Bednyi's satire of the civil war period. E.F.Barkovskaia. Uch. zap.Sver.gos.ped.inst. no.15:40-67 '57.

BEE CULTURE

Sazykin, IU.V., and others. [Beekeeper's manual] V pomoshch' pchelovodu. Minsk, Gos.Izd-vo BSSR. Red.sel'khoz.lit-ry, 1959. 164 p.
(DA)

BEE MILK see Royal jelly

BEECH see subdivision under Caucasus, Northern

BEEF CATTLE see subdivision under Kazakhstan, Tyvrov District

BEES

(see also subdivision under Samarkand Province)

Bees and clover. I.Khalifman. Nauka i pered.op.v sel' khoz. 9 no.12:35-37 D '59.

Dynamics of the flight of honey bees and wild pollinators to hybrid clover during the blooming period. Z.A. Bilostots'ka. Pratsi Od.un.Zbir.stud.rob. no.5:(vol. 149) 151-154 '59.

BEETHOVEN, LUDWIG VAN, 1770-1827

New edition of Beethoven's sonatas ("Piano sonatas in four volumes" by L.van Beethoven. Reviewed by G.Kogan). Sov.muz. 24 no.1:194-195 Ja '60.

BEETLES

(see also subdivision under Chuya Valley)

How to control engraver beetles. I.Fedorov. Zhil.-kom.khoz. 9 no.12:25-26 '59.

Spreading of wood-decaying fungi and boring beetles in wooden elements of buildings in the Ukrainian S.S.R [with summary in English, p. 83] A.A.Demikhovs'ka. Visnyk ABIA URSR no 4·53-58 '59.

BEETS see subdivision under Cherkassy Province

BEGER-NUR—MASTODON

Mastodon Serridentinus gobiensis from Beger-Nur (Mongolia). L.I.Alekseeva. Paleont.zhur. no.3:117-124 '59.

BEGOVAT DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Higher officials meet the common people. I.Khusnutdinov Agitator no 23:45-46 D '59.

BEHAVIOR see Conduct of life

BELAYA VALLEY (AMUR PROVINCE)—SCHOOL EXCURSIONS

Before reaching the jungles G Chuvalov Vokrug sveta no. 1 54 Ja '60

BELEMNITES

Krymgol'ts, G.IA. [Method of identifying Mesozoic cephalopods (ammonites and belemnites), manual for stratigraphers] Metodika opredeleniia mezozoiskikh golovonogikh (ammonity i belemnity; v pomoshch' geologu-stratigrafu. [Leningrad] Izd-vo Leningr univ , 1960. 88 p.

BELEV (TULA PROVINCE)—VETERANS

Fifteen years later T Nekrasov Voen znan 36 no 5 11-12 My '60

BELGIUM—DESCRIPTION AND TRAVEL

Zakharchenko, V.D. [On the threshold of a great age] Na poroge velikogo veka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 271 p.

BELGOROD—CEMENT KILNS

Important commission IA Sukhorukov NTO no 11 30-31 N '59

BELICH, ALEKSANDR, 1876-1960

Aleksandr Belich. Vest.AN SSSR 30 no.4:120 Ap '60.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

A new study of V.G.Belinskii ("A chronicle of the life and works of V.G Belinskii" by IU G.Oksman. Reviewed by V.M Potiavin). Nauch.dokl vys.shkoly; filol nauki no 4:183-185 '59.

BELLOTTO, BERNARDO, called CANALETTO, 1720-1780

Fomicheva, T.D. [Views of Dresden and Pirna. Architectural landscapes by Bernardo Bellotto] Vidy Drezdena i Pirny. Arkhitekturnye peizazhi Bernardo Bellotto. Leningrad, Izd-vo Gos.Ermitazha, 1959. 14 p., illus.

BELOYE, LAKE (KOKCHETAV PROVINCE)—PHYSICAL GEOGRAPHY

Lake Beloye of Kokchetav Province. E.A.Kazanskaia. Trudy Sekt.geog.AN Kazakh.SSR no.5:152-164 '59.

BELOZERKA DISTRICT—RURAL CONDITIONS

An evening party in honor of a collective farm family. V Dubrov. Agitator no 24:52 D '59

BELTS AND BELTING

Bashmakov, V.P., and A.D.Dubinin. [Design of belt and chain transmissions] Raschet i proektirovanie remennykh i tsepnykh peredach. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, [1959] 123 p. (Biblioteka konstruktora)

Increasing the life of rubberized belts. A.S.Vasiuk. Ogneupory 24 no.12:571-572 '59.

Regularities of changes in the elasticity modulus of rubberized conveyer belts and its effect on the bending stress P V.IAkovlev. Izv vys ucheb zav , gor.zhur. no 7: 99-108 '59

BELTS AND BELTING—TESTING

Machine for testing conveyer belts. B.V.Fadeev, S.M. Kagasova. Kauch.i rez 18 no 11:55-57 N '59.

BENDERY—CONSTRUCTION INDUSTRY

In a study group of applied economics. M.Kukain. Komm. Mold. 4 no.12 39-43 D '59.

BENTHOS see subdivision under Caspian Sea; Lozoven'ka Reservoir

BENTONITE

(see also subdivision under Great Gryaznaya Valley)

Chemical composition, porous structure and activity of Azerbaijani bentonite clays. Z.G.Zul'fugatov. Trudy Inst.khim.AN Azerb.SSR 17:9-26 '59

Solar oil-bentonite mixtures. Neftianik 4 no.12:30 D '59.

Studying the sorption of cations and water in bentonites. Part 1: Use of electrometric titration methods in the study of sorption of cations. M.V.Eirish. Izv.vys. ucheb.zav.;khim.i khim.tekh 2 no.6:876-880 '59.

BENZENE

Adsorption of benzene and n-hexane vapors on magnesium hydroxide [with summary in English]. A.V.Kiselev, D.P.Poshkus. Koll.zhur. 21 no.6:653-663 N-D '59.

Alkylation of benzene by acetates of γ-acetylenic glycols in the presence of anhydrous aluminum chloride. R.M. Lagidze. Trudy Inst.khim.AN Azerb.SSR 17:180-194 '59.

Catalytic dehydrogenation of isopropylbenzene. O.K. Bogdanova, A.A.Balandin, I.P.Belomestnykh. Dokl. AN SSSR 132 no.2 343-345 My '60.

Column for controlling the process of rectification of tar and crude benzene. D.D.Zykov, V.V.Khlebnikova, G.V. Sobolev. Koks i khim. no.12:36-38 '59.

Conditions of the operation of benzene and carbon disulfide columns in a rectification plant. M.L.Orlov. Koks i khim. no.12:39-41 '59.

Fractionating distillation of a mixture of nitroethylbenzenes. O S. Vladyrchik and others. Zhur.prikl. khim. 32 no.8:1830-1834 Ag '59.

Kinetics of the photochemical chlorination of benzene. F.F.Krivonos. Zhur.prikl.khim. 31 no.4:589-594 Ap '58.

Kinetics of the sulfonation of xylene and ehtylbenzene isomers by sulfuric acid IA I Leitman, M.S.Pevzner Zhur.prikl khim. 32 no.8:1842-1849 Ag '59.

Low-temperature oxidation of alkyl benzenes B G. Gavrilov, E A Rogozina Izv.vys.ucheb.zav., neft' i gaz 2 no.11 95-97 '59

Nitration of ethyl benzene by the continuous method. O.S. Vladyrchik and others. Zhur.prikl.khim. 32 no.12: 2744-2749 D '59.

Physicochemical investigation of the system gallium trichloride - potassium chloride - nitrobenzene. IA.A. Fialkov, Z.A.Tokina. Zhur.neorg.khim. 4 no.12. 2752-2758 D '59.

Physicochemical study of the system gallium trichloride - nitrobenzene. IA.A.Fialkov, Z.A.Tokina. Zhur.neorg. khim. 4 no.11:2611-2616 N '59.

Results obtained in testing a new compound chemical, the 20% dinitrorhodanbenzene preparation in colloidal sulfur. M.F Zubov. Vin SSSR 19 no 8:33 '59.

Solubility of hydrogen sulfide in benzene at high pressures and temperatures M I. Levin, V V.Ipat'ev, N.I Postnov. Khim.i tekh.topl.i masel 5 no 1:17-19 Ja '60.

Synthesis of nitroacetophenones by the oxidation of nitroethylbenzenes. P.M.Kochergin and others. Zhur.prikl.khim. 32 no.8:1806-1811 Ag '59.

Synthesis of properties of paradialkylbenzenes. A.D. Petrov, G.I.Nikishin, V.D.Vorob'ev. Izv.AN SSSR Otd.khim.nauk no.4:717-723 Ap '60.

Two mechanisms of carbon formation in the decomposition of benzene homologs on silica gel. A.P.Rudenko, A.A. Balandin, I I.Grashchenko. Izv.AN SSSR Otd.khim. nauk no.4,605-613 Ap '60.

Use of displacin intrathoric operations for patients with pulmonary tuberculosis [with summary in English]. T.F. Zlablina. Vest.khir 83 no.11:112-116 N '59.

Using Khanlar clays in the synthesis of isopropyl benzene and using isopropyl benezene peroxide for motor fuels [in Azerbaijani with summary in English]. IU.G.Mamedaliev, S.A Sultanov. Azerb.neft.khoz. 37 no.6:33-34 Je '58.

BENZENE—TOXICOLOGY

Problem of the simultaneous action of benzene and acetone vapors on the organism [with summary in English]. N.A. Zhilova. Gig.i san. 24 no 12:18-23 D '59.

BENZENE HEXACHLORIDE

Chromatographic determination of benzene hexachloride in plants [with summary in English]. L M. Fukel'man. Fiziol.rast 6 no.6:748-750 N-D '59.

Some data on the effect of acaricidal preparations on ixodid tacks. V.I.Ermoshkevich. Dokl.AN Tadzh.SSR 2 no.1.39-43 '59.

BENZENESELENINIC ACID

Gravimetric and titrimetric determinations of bismuth by means of ammonium salts of benezene- and naphthaleneseleninic acids [with summary in English]. V.S.Sotnikov, I.P.Alimarin. Zhur.anal.khim. 14 no.6:710-713 N-D '59.

BENZENESULFONIC ACID

Kinetics of the hydrolysis of sulfonic acids of xylene and ethyl benzene isomers in sulfuric acid. IA.I.Leitman, M.S.Pevzner. Zhur.prikl.khim. 32 no.12;2754-2759 D '59.

BENZIMIDAZOLE

Prevention of surgical shock by the administration of dibazol per os; experimental study [with summary in English]. E.G.Vodokhlebova. Vest.khir. 83 no.11: 98-104 N '59.

2-(o-hydroxyphenyl) benzimidazole. I.S.Ioffe, D.N. Glebovskii. Zhur.ob.khim. 30 no.4;1158-1160 Ap '60.

BENZOIC ACID

Effect of X rays on p-aminobenzoic acid synthesis by cultures of Saccharomyces cerevisiae and Torulopsis utilis [with summary in English]. L.A.Soliverstova. Mikrobiologiia 28 no.6:830-834 N-D '59.

BENZOQUINONE

Reactions of ethoxychloroquinones with amines. Part 1: Reactions of 1,4-diethoxydichlorobenzoquinones. A.IA. Berlin, A.N.Makarova. Zhur.ob.khim. 30 no.4: 1380-1385 Ap '60.

BENZOTHIAZOLE

Direct amination of benzothiazole derivatives. Part 2: Amination of nitrobenzothiazoles. R.P.Vel'tman. Zhur. ob.khim. 30 no.4:1363-1366 Ap '60.

Synthesis of thiazole derivatives. Part 14: New alcohols of the benzothiazole series and their conversions. V.M. Zubarovskii, G.P.Khodot. Zhur.ob.khim. 30 no.4: 1245-1250 Ap '60.

BENZOYL PEROXIDE

Addition of hydrogen bromide to 1,1-dichloro-2-propene in the presence of benzoyl peroxide. R.Kh.Freidlina, M.IA.Khorlina, A.N.Nesmeianov. Izv.AN SSSR Otd. khim.nauk no.4:658-661 Ap '60.

BERCHOGUR—RAILROADS—SNOW PROTECTION AND REMOVAL

We protect the track against drifts. G N Petrov Put' i put.khoz no 11 14-16 N '59

BERCHOGUR REGION—BRACHIOPODA, FOSSIL

Enantiosphen Whidborne from Givetian deposits of the southern Mugodzhar Hills Kh. S. Rozman. Paleont.zhur. no 3 47-51 '59.

BERDA VALLEY—GRAPHITE

New data on the graphite potential of the Berda Valley. T Kh. Shelud'ko Nauk.zap.Kyiv.un 16 no. 14:127-137 '57

BERDYANSK—MEAT INDUSTRY

Everyday routine of small enterprises P. Popov Mias. ind.SSSR 30 no 6 20-21 '59.

BEREGOVO DISTRICT—FEEDS

Obtaining 100 feed units from a hectare. S.A.Sobova. Kolh.Ukr. 6 no.12 25-26 D '59.

BERESTOV, VALENTIN DMITRIEVICH

Poet Valentin Berestov L.N.Eliseeva. Doshk. vosp. 33 no.1:101-109 Ja '60

BEREZNIKI—POTASH INDUSTRY

Promote working safety in potassium mines. N. Krasnokutskii. Bezop.truda v prom. 3 no. 12:15-17 D '59.

BEREZNIKI—PRECAST CONCRETE CONSTRUCTION

Using ashes from thermoelectric power plants in housing construction L. M. Rzoenfel'd, P. A Tesler, R A. TSvetaeva Trudy NIIZHB no 6:150-171 '59

BEREZOVO REGION (TYUMEN PROVINCE)—GAS WELLS

Reducing the flow of a gasser. P. Rozhen, K. Savin. Neftianik 3 no.10:9-12 O '58.

BERG, LEV SEMENOVICH, 1876-1950

Capital scientific work on the Aral Sea ("The Aral Sea" by L S Berg Reviewed by A F. Plakhotnik). Sov. Kazakh. 25 no 5.125-126 My '59.

BERGGOL'TS, OL'GA FEDOROVNA, 1910-

Steps to the "major work " N. Gubko. Zvezda no. 1:203-205 Ja '60.

BERING SEA—COAST CHANGES

Studying the dynamics and morphology of the Soviet shores of the Chukchi and Bering Seas. A.S.Ionin. Trudy Okean. kom. no.4:205-214 '59.

BERING SEA—OCEAN CURRENTS

Currents of the Bering Sea. A.D.Dobrovol'skii, V.S. Arsen'ev. Probl.Sev. no.3:3-9 '59.

BERING SEA—WATER—COMPOSITION

Biogenous elements in surface water layers of the Bering Sea. V.V.Moktovskoin. Trudy Inst.Okean. no.33:87-113 '59.

BERING STRAIT

Dam across Bering Strait. Sov.Soiuz. no.1:11-15 '60.

BERKELEY, GEORGE, 1685-1753

Bogomolov, A.S. [Criticism of the subjective and idealistic philosophy of George Berkeley; a lecture] Kritika sub"ektivno-idealisticheskoi filosofii D.Berkli, lektsiia. [Moskva] Izd-vo Mosk.univ., 1959. 42 p.

BERLIN—AUTOMOBILES—TIRES

Scientific and technical conference of the working group of the tire and rubber engineering industry of the member countries of the Council for Mutual Economic Aid. V.I.Novopol'skii. Kauch i rez. 18 no.11:61-62 N '59.

BERLIN—PHOTOGRAPHY—EXHIBITIONS

"Socialism is winning the battle." Sov.foto 19 no. 11:44-47 N '59.

BERLIN, EAST—OPERA

Walter Felsenstein and his theater. Ernst Krause. Sov.muz. 24 no. 1:93-95 Ja '60.

BERMANT, ANISIM FEDOROVICH, 1904-1959

Anisim Fedorovich Bermant; obituary. A.G.Kurosh and others. Usp.mat.nauk 14 no.5:117-121 S-O '59.

BERRIES—FERTILIZERS AND MANURES

A useful book ("Fertilizer application to fruit trees and berry plants" by S S. Rubin Reviewed by V.A. Kolesnikov and A F. Evtushenko) Sad i og. 97 no. 12.65-66 D '59.

BERYLLIUM

Behavior of beryllium in fused salts in the presence of metallic beryllium. M.V.Smirnov, N.IA.Churkaev. Zhur.neorg.khim. 4 no.11:2536-2543 N '59.

Beryllium could be used for astronomical mirrors in the future [with summary in English]. N.N.Mikhel'son. Izv.GAO 21 no.3:153-160 '58.

Beus, A.A. [Geochemistry of beryllium and genetic types of beryllium deposits] Geokhimiia berilliia i geneticheskie tipy berillievykh mestorozhdenii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 328 p.

Stripping reactions of Be^9, Si^{28}, and Bi^{209} nuclei. M.I. Zaika, O.F.Nemets. Ukr.fiz.zhur. 4 no.4:519-522 Jl-Ag '59.

BERYLLIUM—SPECTRA

Quantitative spectrographic determination of beryllium and scandium in products of the treatment of beryllium-bearing ores. L. E. Naimark, P. N. Chalykh, A. Shokanov. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1: 85-89 '59.

BERYLLIUM COMPOUNDS

Reaction of beryllium oxyformate and oxypropionate with ammonia. A. I. Grigor'ev, A. V. Novoselova. Zhur. neorg. khim. 4 no. 11.2640-2641 N '59.

BERYLLIUM FLUORIDE—SPECTRA

X-ray examination of the system CsF - BeF_2. O. N. Breusov, IU. P. Simanov. Zhur. neorg. khim. 4 no 11. 2582-2590 N '59.

BERYLLIUM OXIDES

Determination of beryllium oxide impurities in a copper-beryllium alloy Chou-Hsing, F Sh Muratov, A. V Novoselova. Zav lab no. 11:1292-1293 '59

BERYLLIUM-RHENIUM ALLOYS see Rhenium-beryllium alloys

BERYLLIUM SALTS

Aurintricarboxylic acid and its reactions with beryllium salts L. P Adamovich, I I Timofeeva, B. V IUtsis Zhur ob khim. 30 no 4 1325-1334 Ap '60

BESSARABIA—HISTORY

Budak, I. G. [Social and political movement in Bessarabia after the reform of 1861] Obshchestvenno-politicheskoe dvizhenie v Bessarabii v proreformennyi period. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959 410 p.

("The social and political movement in Bessarabia after the reform of 1861" by I G Budak. Reviewed by D Ursul). Komm Mold 4 no. 12:68-70 D '59.

BESSEMER PROCESS

Advantage of using scrap metal in the converter process. S. G. Afanas'ev, B. E. Gurevich. Metallurg 4 no. 12. 16-18 D '59.

BESSONOV, PETR ALEKSEEVICH, 1828-1898

Unknown letters of I S Turgenev P Ukhov Moskva 3 no 9:223-224 '59

BETATRON

Cold cathode used in the betatron injector. G. D. Kuleshov, A I. Pavlovskii. Prib. i tekh. eksp no. 6:119-120 N-D '59.

Creation of large currents in the betatron. B. N. Rodimov, P. A. Cherkantsev, T. A. Medvedeva. Izv. vys. ucheb. zav., fiz. no. 5:6-13 '59.

Effect of external perturbations on the behavior of the density of the space charge in the chamber of a betatron. P. A. Cherdantsev Izv. vys. ucheb zav., fiz. no. 5: 45-50 '59.

Effectiveness of various parts of the infection pulse in connection with electron capture in a betatron. D P. Ivanov, IU. S. Korobochko. Zhur. tekh fiz. 29 no 11: 1414-1415 N '59

High-current pulse stereobetatron. V. A. Moskalev and others. Izv. vys. ucheb zav., fiz. no. 5:35-44 '59.

Investigating the nonstationary flow in the betatron. D. P. Ivanov, A P. Komar, IU. S Korobochko. Zhur. tekh fiz. 29 no 10:1235-1244 O '59.

Mechanism of capture in betatrons [with summary in English]. I. M. Samoilov. Zhur. eksp. i teor. fiz. 37 no. 3 705-712 S '59.

Removal of an electron beam from the betatron chamber. IU. M. Akimov, B. A. Kononov, L. S. Sokolov. Izv. vys. ucheb. zav., fiz. no. 5 31-34 '59.

Starting up a 10 MeV two-chamber stereobetatron. V. A. Moskalev, IU. M. Akimov. Izv. vys. ucheb. zav.; fiz. no. 5, 26-30 '59.

Using betatrons for radiographic inspection of very thick workpieces. A. A. Vorob'ev, V I. Gorbunov, V N Titov Izv vys. ucheb. zav.; mashinostr. no. 5:195-202 '59.

BETTING see Gambling

BHILAI, INDIA—STEELWORKS

The Soviet East helps build Bhilai. Sovr. Vost. no. 4:9 Ap '60.

BIBENZYL

Production of terephthalic acid from n,n'-dialkyl derivatives of diphenyl ethane. A. E. Kretov and others. Zhur. prikl. khim. 32 no. 12:2767-2771 D '59.

BIBLIOGRAPHICAL EXHIBITIONS

With joint forces. O. Seregina. Bibliotekar' no. 5:16-17 My '60.

BIBLIOGRAPHY

Annotations. Probl. vostokoved. no. 2:207-211 '60.

Bibliographical index of recently published literature on the Soviet Union and communism. A. N. Vest. Inst. po izuch. SSSR no. 3 155-161 Jl-S '59

[Book chronicle.] Knizhnaia letopis'; index O-D '59.

[Book chronicle.] Knizhnaia letopis' nos. 20-21 '60.

Great friendship of socialist countries O. Vadeev. Chto chitat' 2 no 12:4-5 D '59

[Information index of bibliographical lists and card files] Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek no 9 My '60, 30 p.

List of books mentioned in nos 6-12, 1959, in the magazine "Chto chitat' " Chto chitat' 2 no. 12 34-39 D '59

New books. Komm. Mold. 4 no. 12:80 D '59.

New books Komm Ukr 35 no. 11 80 N '59

New books. Mir. ekon. i mezhdunar. otn no. 5:151 My '60.

New books Nauka i zhyttia 8 no 5 62 My '58

New books. Nauka i zhyttia 8 no 10 62 O '58

New books. Nauka i zhyttia 9 no. 12:61 D '59.

New books. Nauka i zhizn' 26 no. 12:74 D '59.

[New books.] Novye knigi nos. 18-20 My '60.

[New books.] Novye knigi nos. 21-22 My '60.

New books. Sov. shkola no. 6:91-93 N-D '59.

New books. Vest. AN Kazakh. SSR 15 no. 11:105-107 N '59.

New books. Vest. AN SSSR 30 no. 4:153-158 Ap '60.

[New Soviet literature on science and general research in the U. S. S. R.] Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR nos. 1-2 '60.

Plans and wishes Chto chitat' 2 no 12.27-28 D '59.

Published in 1959. Sov torg. 33 no 1:56-58 Ja '60

What attracts us in these books Chto chitat' 2 no 12 30-32 D '59

BIBLIOGRAPHY—ACCOUNTING

New books on accounting, analysis of the managerial operations and machine accounting. Bukhg. uchet 16 no. 11:71-72 N '59.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov i inostrn. lit. po stran. zarub. Vost. nos. 1-2 '60.

BIBLIOGRAPHY—AGING

Nikitin, V. N. [Russian works on the physiology, biochemistry, and morphology of aging, historical essay and bibliography] Otechestvennye raboty po vozrastnoi fiziologii, biokhimii i morfologii; istoricheskii ocherk i bibliografiia. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1958. 199 p.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

For machine operators in villages G. Ledomskii Chto chitat' 2 no. 12 15 D '59

BIBLIOGRAPHY—AGRICULTURE

Agriculture in the seven-year plan L Raskin. Chto chitat' 2 no 12 2-3 D '59

Dissertations in agriculture. Vest. sel'khoz. nauki 4 no 11.157-158 N '59.

Dissertations in agriculture. Vest. sel'khoz. nauki 4 no 12 153-154 D '59

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 13 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 14 '60.

Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. [Classified plan of literature to be published during 1960 by the Ukrainian Academy of Agricultural Sciences Publishing House] Tematychnyi plan vypusku literatury Vydavnytstvom Ukrains'koi akademii sil's'kohospodars'kykh nauk na 1960 r. Kyiv, 1960. 169 p.

New books. Ekon. sel'khoz. 30 no. 8:122 D '59.

New books. Kolh. Ukr. 6 no. 12:48 D '59.

New books. Sel'khoz. Povol. 5 no. 11:94-95 N '59.

Vsesoiuznoe ob''edinenie knizhnoi torgovli. [Classified plan of literature on agriculture to be published during 1958] Tematicheskii plan vypuska sel'skokhoziaistvennoi literatury na 1958 god; proekt. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 149 p.

Works of agricultural research, experimental, and educational institutes. Vest. sel'khoz. nauki 4 no. 11; 154-157 N '59.

Works of agricultural research, experimental, and educational institutions Vest. sel'khoz nauki 4 no 12 151-152 D '59.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

New books. Ekon. sel'khoz. 31 no. 1:126 Ja '60.

New books. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11: 64 N '59.

BIBLIOGRAPHY—AMBARTSUMIAN, VIKTOR AMAZASPOVICH, 1908-

Akademiia nauk Armianskoi SSR, Erivan. Viktor Amazaspovich Ambartsumian. Erevan, 1954. 72 p. (Materialy k biobibliografii uchenykh SSSR)
(MH)

BIBLIOGRAPHY—ANATOMY

Bookshelf. L. E. Etingen. Arkh. anat. gist. i embr. 37 no. 10:115-117 O '59

Bookshelf. . L. E. Etingen. Arkh. anat. gist. i embr. 37 no. 11:126-127 N '59.

BIBLIOGRAPHY—ARCHITECTURE

Bibliography. Stroi. i arkhit. 7 no. 12:31-32 D '59.

BIBLIOGRAPHY—ARCHIVES

Bibliography on archive studies; conclusion. Ist. arkh. no. 6:165-166 N-D '59.

International analytic bibliography of literature on archive studies ("Archivum" Vol. 6. Reviewed by V. A. Chernykh) Ist. arkh. no. 6:164-165 N-D '59.

BIBLIOGRAPHY—ART

New books. Iskusstvo 22 no. 7:80 '59.

BIBLIOGRAPHY—ART—STUDY AND TEACHING

New books on literary criticism and methods of teaching literature and art. I. V. Fedorov. Lit. v shkole 20 no. 6:78-80 N-D '59.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos. 1-2 '60.

BIBLIOGRAPHY—ASTRONAUTICS

New books about the conquest of outer space. Mol. komm. no. 12:122-123 D '59.

BIBLIOGRAPHY—ATOMIC ENERGY

New literature Atom energ 8 no. 5 480-487 My '60

BIBLIOGRAPHY—AUTOMATIC CONTROL

New books. Mekh. i avtom. proizv. 13 no. 12:59-60 D '59.

BIBLIOGRAPHY—AUTOMATION

Automatic machinery everywhere. A. Cherniak. Chto chitat' 2 no 12 7 D '59

BIBLIOGRAPHY—BIOLOGY

Books received by the editor for review. Agrobiologiia no. 6:952-954 N-D '59.

[Information bulletin of new foreign books, received by the Lenin Library Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 13 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 14 '60.

BIBLIOGRAPHY—BUILDING

New books. Arkhit. SSSR no. 12:56 '59.

New books. Biul. tekh. inform. po stroi. 5 no. 11:32 N '59.

New books. Sel'. stroi. 14 no. 12:31 D '59.

New books. Sil'. bud. 9 no. 11:3 of cover. N '59.

New books. Zhil. stroi. no. 12.15 '59.

BIBLIOGRAPHY—CEMENT

Bibliography. TSement 25 no. 6:30 N-D '59.

BIBLIOGRAPHY—BUILDING MATERIALS

"Differential thermal analysis as applied to building science" [in English] by V. A. Ramachandran, S. P Gary. Reviewed by E Shurygina. Pochvovedenie no 12:109 D '59

BIBLIOGRAPHY—BULGARIA

[New literature on European people's democracies and Slavic studies; Bulgaria] Nov. lit. po evrop. stran. nar. dem. i slav.: Bolg. nos. 1-2 '60.

BIBLIOGRAPHY—CHEKHOV, ANTON PAVLOVICH, 1860-1904

Books about A. P. Chekhov's life and works E. Sakharova Chto chitat' 2 no. 12 20 D '59.

BIBLIOGRAPHY—CHEMISTRY

Bibliography. Trudy Inst. khim. AN Gruz. SSR 14:253-302 '58.

Interesting books on chemistry. Sem'ia i shkola 15 no 1 47 Ja '60.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. Zav. lab. 25 no. 12:1540 '59.

BIBLIOGRAPHY—CHESS

Books, bulletins, journals. N. Sakharov. Shakh v SSSR 36 no. 12 373-374 D '59

BIBLIOGRAPHY—CHILDREN—CARE AND HYGIENE

Alphabetical index of articles printed in the periodical "Voprosy okhrany materinstva i detstva" in 1959. Vop. okh. mat. i det. 4 no. 6, 91-94 N-D '59.

BIBLIOGRAPHY—CHILDREN—MANAGEMENT

Aid to the class adviser. E. Andreeva. Nar. obr. no. 5: 132-133 My '60.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

Books for children. Chto chitat' ? no. 12 [illegible]

Timofeeva, I. N. [What my children should read, discussions with parents about children's literature. Books for preschool children] Chto chitat' moim detiam, besedy dlia roditelei o detskoi literature. Knigi dlia detei doshkol'nogo vozrasta. Leningrad, [illegible] RSFSR. Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1959. 141 p. [illegible]

BIBLIOGRAPHY—COAL MINES AND MINING

New books. [illegible]

New books. Ugol' Ukr. [illegible]

BIBLIOGRAPHY—COMMUNICATION AND TRAFFIC

[illegible] literature on communication [illegible] Biul. tekh.-ekon. inform. [illegible]

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Documents and articles on the history of the [illegible] published in November 1959 [illegible] and scholarly serial [illegible]

BIBLIOGRAPHY—CONCRETE

Literature on plain and reinforced concrete. [illegible]

BIBLIOGRAPHY—COTTON GROWING

New books. Khlopkovodstvo [illegible]

BIBLIOGRAPHY—CRIMEA—VITICULTURE

New books. [illegible]

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on European people's democracies [illegible] Slavic studies. Czechoslovakia] [illegible]

BIBLIOGRAPHY—DRUG INDUSTRY

Index of articles published in "Meditsinskaia promyshlennost' SSSR" for 1959. Med. prom. [illegible]

BIBLIOGRAPHY—ECONOMICS

[New books abroad on social sciences [illegible] geography, history.] Novye knigi za rubezhom po [illegible] Inostr. lit. no. 4 Ap '60.

[New foreign economic literature.] [illegible]

Pamphlets on problems [illegible] Vopr. ekon. no. [illegible]

Flow of the [illegible]

BIBLIOGRAPHY—EDUCATION

Bookshelf. Narod. obr. no. [illegible]

Bookshelf. [illegible]

Publications of 1959 [illegible]

BIBLIOGRAPHY—EDUCATION, PRESCHOOL

[illegible]

BIBLIOGRAPHY—ELECTRIC ENGINEERING

New books [illegible] engineering [illegible]

[illegible]

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electrical equipment of ships. [illegible]

Electrical equipment of ships. [illegible]

BIBLIOGRAPHY—ELECTRONIC ANALOG COMPUTERS

Bibliography for [illegible]

Bibliography [illegible] 1959. [illegible]

BIBLIOGRAPHY—EUROPE, EASTERN—LAW

Classified index of articles [illegible] of 1958 [illegible]

BIBLIOGRAPHY—FARM MECHANIZATION

Bookshelf. Sel'. mekh. no. 12 [illegible]

BIBLIOGRAPHY—FINANCE

Bookshelf. Den. i kred. 18 no. 4 [illegible]

New books. Fin. SSSR 21 no. 4 [illegible]

BIBLIOGRAPHY—FISHERIES

Recent publications of scientific [illegible] Ryb. khoz. 35 no. 10 [illegible]

BIBLIOGRAPHY—FOLKLORE, UKRAINIAN

Bibliographical index of folklore [illegible]

Bibliographical index of literature on folklore for 1956-1958 (continuation). M. M. [illegible] Nar. tvor. i etn. [illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—FOUNDATIONS

[illegible]

BIBLIOGRAPHY—FROZEN GROUND

[illegible]

BIBLIOGRAPHY—FRUIT CULTURE

[illegible]

BIBLIOGRAPHY—GEOGRAPHY

[illegible]

BIBLIOGRAPHY—HISTORY

[illegible]

[New [illegible] literature [illegible] history.] [illegible] Inostr. lit. [illegible] Ap '60.

BIBLIOGRAPHY—HUNGARY

[New literature [illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[illegible]

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES—STUDY AND TEACHING

[illegible]

BIBLIOGRAPHY—LATVIA

[illegible]

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

[illegible]

Leningrad. [illegible] [illegible] 1959. 54 p.

[illegible]

BIBLIOGRAPHY—LENIN PRIZES

Leningrad. [illegible] [Lenin Prizes in literature and art] [illegible]

Leningrad. [illegible] [Lenin Prizes in natural sciences and [illegible]] [illegible]

BIBLIOGRAPHY—LEWIS, SINCLAIR, 1885-1951

Moscow. [illegible] [illegible] 1959. [illegible] p. [illegible]

BIBLIOGRAPHY—LIBRARY SCIENCE

New books. Bibliotekar' no. [illegible] Ap '60.

New books. Bibliotekar' no. [illegible]

New [illegible] V. V. Bibliotekar' [illegible]

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. [illegible]

BIBLIOGRAPHY—LIQUIDATION

[New foreign literature on liquidation.] Novaia inostrannaia literatura po [illegible]

BIBLIOGRAPHY—LIQUEFIED GASES

[illegible]

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books received by the Lenin Library. Series [illegible] literature and belles lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. [illegible] khudozhestvennaia literatura. no. 11 [illegible]

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New Soviet literature on the study of literature.] Novaia sovetskaia literatura po literaturovedeniiu. no. 1 [illegible]

BIBLIOGRAPHY—LOADING AND UNLOADING

[illegible]

BIBLIOGRAPHY—LUNAR PROBES

[illegible]

BIBLIOGRAPHY—MACHINE-TRACTOR STATIONS

Moscow. [illegible] [Machine tractor stations [illegible] farm [illegible]] [illegible] Moskva, 1958. 80 p.

BIBLIOGRAPHY—MACHINERY

[illegible]

BIBLIOGRAPHY—MARINE BIOLOGY

[illegible]

BIBLIOGRAPHY—MARINE ENGINEERING

[illegible]

BIBLIOGRAPHY—MATHEMATICS

Bibliography of [illegible]

[illegible], A. A. [Present-day foreign literature on physics, mechanics, and applied mathematics] [illegible] Moskva, [illegible] 1959. 71 p.

List of works in mathematics published [illegible] from 1955 through [illegible]

BIBLIOGRAPHY—MECHANICAL ENGINEERING

New books. [illegible]

[illegible]

[illegible] Leningrad [illegible] 1959. 42 p.

BIBLIOGRAPHY—MECHANICS

[illegible], A. A. [Present-day foreign [illegible] and applied [illegible]] [illegible] Moskva, [illegible] 1959. 71 p.

BIBLIOGRAPHY - MEDICAL PARASITOLOGY

Contents of the periodical "Meditsinskaia Parazitologiia i Parazitarnye Bolezni" for 1957. Med.paraz. i paraz. bol. 26 no.6:748-767 N-D '57.

Russian literature on the problems of medical parasitology and parasitic diseases for the first half of 1957. Continuation. N.N.Dobkevich. Med.paraz. i paraz. bol. 26 no.6:[illegible] N-D '57.

BIBLIOGRAPHY - MEDICINE

Dissertations presented at Ukrainian medical institutes. Vrach.delo no.11:[illegible] N '57.

[Information bulletin of new foreign books, received by the Lenin Library. Section 4: Biological, medical, and agricultural sciences] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 4: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki. no.[illegible]

[Information bulletin of new foreign books, received by the Lenin Library. Section 4: Biological, medical, and agricultural sciences] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 4: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki. no.[illegible]

New books. Klin.med. 35 no.11:[illegible]

New books. Ortop., travm. i protez. 18 no.[illegible]

New books. Ortop., travm. i protez. [illegible]

New books. Sov.med. 21 no.11:[illegible]

New books. [illegible]

New books. [illegible]

New books. [illegible]

"Principles of medical [illegible]" [illegible]

Review of V.V.[illegible] "Bibliographic [illegible]" [illegible]

BIBLIOGRAPHY - METALS

From the pages of foreign periodicals. Metallurg [illegible]

New books. Metalloved. i obrab. met. [illegible]

New books. Metallurg [illegible]

BIBLIOGRAPHY - METALS - [illegible]

New books. [illegible]

BIBLIOGRAPHY - MINERAL [illegible]

[illegible]

BIBLIOGRAPHY - MOTION PICTURE PHOTOGRAPHY

[illegible]

BIBLIOGRAPHY - MOTION PICTURES

[illegible]

BIBLIOGRAPHY - MUSIC

[illegible]

BIBLIOGRAPHY - NONFERROUS METALS

New books. [illegible]

New books. [illegible]

BIBLIOGRAPHY - OIL [illegible]

[illegible]

[illegible]APHY - OIL [illegible] EQUIPMENT [illegible]

[illegible]

BIBLIOGRAPHY - PHARMACY

[illegible]

BIBLIOGRAPHY - [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

BIBLIOGRAPHY — [illegible]

[illegible]

[illegible]

BIOTIN
Effect of thiamine and biotin on the development of certain soil microbes [with summary in English]. N. V. Meshkov. Mikrobiologiia 28 no. 6:894-899 N-D '59.

BIOTITE-GRANITE see Mica

BIRCH see subdivision under Karelia, Pamirs

BIRDS
(see also subdivision under Chuya Valley, Kirghizistan, Kukhistan, Yenisey Valley)
Types of postembryonic development in birds. N. N. Kartashev. Nauch. dokl. vys. shkoly, biol. nauki no. 2 33-38 '60.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—FOOD
Materials on feeding habits of the song thrush during the nesting period [with summary in English]. I. V. Aleksandrova. Zool. zhur. 38 no. 1:135-136 Ja '59

BIRDS—PARASITES see Parasites—Birds

BIRTH CONTROL
Activities of Mossovet Gynecological Center No. 35 in the Sverdlovsk District of Moscow in the prevention of conception. Z. V. Nekrasova. Akush. i gin. 35 no. 6 32 N-D '59

BIRUCHIY ISLAND—HALOPHYTES
Halophytes of Biruchiy Island (Sea of Azov) and their role in the life of the red deer. V. H. Nikolaievs'kyi. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 197-199 '59.

BISHOP'S-WEED
(see also subdivision under Azerbaijan)
Introducing the bishop's-weed. I. G. Zoz. Trudy Bot. inst. Ser. 6 no. 7 303-307 '59.

BISMUTH
Stripping reactions of Be^{9}, Si^{28}, and Bi^{209} nuclei. M. I. Zaika, O. F. Nemets'. Ukr. fiz. zhur. 4 no. 4 519-522 Jl-Ag '59

BISMUTH—ANALYSIS
Comparative evaluation of methods for determining bismuth. E. M. Nanobashvili, Sh. A. Nadareishvili. Trudy Inst. khim. AN Gruz. SSR 14:99-104 '58.
Determination of bismuth in Rumanian drugs by means of EDTA titration. G. Chiogolla and others. Apt. delo 8 no. 6:67-69 N-D '59.
Gravimetric and titrimetric determinations of bismuth by means of ammonium salts of benezene- and naphthaleneselenmic acids [with summary in English]. V. S. Sotnikov, I. P. Alimarin. Zhur. anal. khim. 14 no. 6:710-713 N-D '59.

BISMUTH COMPOUNDS—ELECTRIC PROPERTIES
Superconductivity of BiPt. N. N. Zhuravlev, A. A. Stepanova, N. I. Ziuzin. Zhur. eksp. i teor. fiz. 37 no. 3:880-881 S '59.

BITUMEN
Book on the production of bitumen. K. Kostrin. Neftianik 4 no. 9 34 S '59.

BITUMINOUS MATERIALS
(see also subdivision under Kazakhstan)
Briquetting of anthracite culm with the addition of petroleum bitumen. G. Z. Zvenigorodskii, V. S. Kolomeitsev. Ugol' 34 no. 12:36-40 D '59.
Introducing the use of a pattern composition on a bituminous lignite-base (montan wax). O. P. Pavlov and others. Lit. proizv. no. 12:39 D '59.

BIVINYL
Synthesis of dienes based on olefins and aldehydes. Part 2: Synthesis of divinyl from propylene and formaldehyde. M. I. Farberov and others. Zhur. ob. khim. 30 no. 4:1099-1106 Ap '60.

BLACK EARTH see Chernozem soils

BLACK-LEAD see Graphite

BLACK SEA—ALGAE
Algal vegetation in winter at the coast of Agigea (Black Sea coast of the Rumanian People's Republic). Maria Celan. Bot. zhur. 44 no. 11:1605-1612 N '59.
Plant associations in the Black Sea. N. V. Morozova-Vodianitskaia. Trudy SBS 11:3-28 '59.
Populational and biomass dynamics of Rissoa splendida Eichw. in shore waters of the Crimea. E. B. Makkaveeva. Trudy SBS 11:101-107 '59.

BLACK SEA—BACTERIA
Bacterial filaments from the hydrogen sulfide zone as possible food for filtering zooplanktonic organisms of the Black Sea, exemplified in Calanus helgolandicus. M. N. Lebedeva. Trudy SBS 11:29-42 '59.

BLACK SEA—BEACH EROSION
Effect of beach icing and shore ice on seashore dynamics. E. A. Popov. Trudy Okean. kom. no. 4:109-112 '59.

BLACK SEA—BEACHES
Studying pebbly beaches on the Caucasian coast of the Black Sea in the Tuapse-Adler section. A. V. Zarva. Trudy Okean. kom. no. 4:13-17 '59.

BLACK SEA—BLUEFISH
Development of the bluefish (Pomatomus saltatrix Linné). Trudy SBS 11:182-188 '59.

BLACK SEA—COAST CHANGES
Certain destruction processes on coasts marked by the occurrence of landslides in the northwestern part of the Black Sea. G. N. Aksent'ev. Trudy Okean. kom. no. 4. 118-121 '59

BLACK SEA—CODFISH
Role of sense organs of the Black Sea whiting in its search for food. M. P. Aronov. Trudy SBS 11:229-237 '59.

BLACK SEA—COPEPODA
Feeding of the copepod Acartia clausi Giesbr. T. S. Petipa. Trudy SBS 11:72-100 '59.

BLACK SEA—DIATOMS
New species of the genus Chaetoceros Ehr. hitherto unknown in the Black Sea. N. F. Mikhailova. Trudy SBS 11:43-47 '59.

BLACK SEA—EELS
Zoogeographical position of the European eel (Anguilla anguilla (L.) in the Black Sea and genetic composition of fish fauna in the Black Sea and the Sea of Azov. IU. G. Aleev. Trudy SBS 11:159-160 '59.

BLACK SEA—HYDROLOGY
Rise anf flow circulation and its role in enriching the surface waters of the Black Sea with nutrient salts. A. K. Bogdanova. Trudy SBS 11:335-352 '59.

BLACK SEA—IRON
Some data on the amount and distribution of dissolved and suspended iron in waters on the Black Sea. M. A. Dobrzhanskaia, T. I. Pshenina. Trudy SBS 11:316-326 '59.

BLACK SEA—MICRO-ORGANISMS, NITROGEN-FIXING
Quantitative distribution of nitrogen-fixing bacteria and their ecology in the Zernov's phyllophora region of the Black Sea [with summary in English]. L. N. Pshenin. Mikrobiologiia 28 no. 6:927-932 N-D '59.

BLACK SEA—PHYTOPLANKTON
Dividing the northwestern part of the Black Sea into districts on the basis of phytoplankton composition [with summary in English]. O. I. Ivanov. Dop. AN URSR no. 11: 1267-1270 '59.
Observation on phytoplankton in the Black Sea near the coast of Karadag. V. V. Koshevoi. Biul. Okean. kom. no. 3:40-45 '59.

BLACK SEA—SALMON
Morphogenesis of the liver in the Black Sea salmon. A. G. Andres. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 10 177-182 '59.

BLACK SEA—SAND BARS
Recent data on the genesis of the Mar'kitanskaya and Bakal'skaya sand bars in the Black Sea. E. N. Nevesskii. Trudy Okean. kom. no. 4:122-126 '59.

BLACK SEA—SEASHORE BIOLOGY
Feeding and food relationships of animals occuring in the bottom vegetation of the Black Sea and in plant remains washed ashore. Report No 5: Feeding of the gastropod Phasianella pontica Milaschewitch. N. S. Gaevskaia. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 10:43-57 '59.

BLACK SEA—SILT
Structural and mechanical properties of silts of the Black Sea and their diagenetic modifications. I. M. Gor'kova, N. A. Dushkina, K. N. Riabicheva. Trudy Lab. gidrogeol. probl. 22:55-69 '59.

BLACK SEA—SILVERSIDES
Atherina mochon pontica (Eichw.) and its origin. T. H. Khvostova. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 159-162 '59.

BLACK SEA—TEMPERATURE
Rise and flow circulation and thermal conditions of the Black Sea. A. K. Bogdanova. Trudy SBS 11:262-283 '59.
Vertical fluctuations of water temperature in the Black Sea. N. T. Glinskii. Izv. AN SSSR. Ser. geofiz. no. 5: 686-697 My '60.

BLACK SEA—TURBOT
Changes with age in the plastic characters of the Black Sea turbot (Rhombus maeoticus Pall.). E. M. Kalinina. Trudy SBS 11:164-166 '59.
Development of spines in the Black Sea turbot (Rhombus maeoticus Pall.). E. M. Kalinina. Trudy SBS 11:167-173 '59.

BLACK SEA—WATER—COMPOSITION
Some notes on IA. K. Gololobov's article "Biogenous elements of the Black Sea and causes of the variation of certain mean hydrochemical values in the trophic water layer of the sea." M. A. Dobrzhanskaia, M. N. Lebedeva. Trudy SBS 11:327-334 '59.
Sulfates in interstitial waters of the Black Sea. O. V. Shishkina. Trudy Inst. Okean. no. 33:178-193 '59.

BLACK SEA—WATER—OXYGEN CONTENT
Nature of vertical distribution of oxygen in the upper 100-meter layer of the central part of the Black Sea as related to the time of the year. M. A. Dobrzhanskaia. Trudy SBS 11:284-296 '59.
Vertical distribution of oxygen in the Black Sea. A. K. Bogdanova. Trudy SBS 11:297-315 '59.

BLACK SEA—WATER FLEAS
Feeding of Penilia avirostris Dana. E. V. Pavlova. Trudy SBS 11:63-71 '59.

BLACK SEA—WRASSE
Embryonic and larval development of the wrasses Crenilabrus tinca (L.) and C. quinquemaculatus Bloch. N. N. Gorbunova. Trudy SBS 11:174-181 '59.

BLACK SEA REGION—CHESTNUT
Introduction of economically valuable forms of sweet chestnut in forests on the Black Sea coast of the Caucasus. T. I. Merzlikina. Trudy Bot. inst. Ser. 6 no. 7. 167-168 '59.

BLACK SEA REGION—GEOLOGY, STRATIGRAPHIC
Recent data on lower Cretaceous sediments of the northeastern part of the Black Sea Depression [with summary in English]. IU. I. Selin. Dop. AN URSR no. 11:1217-1224 '59.

BLACK SEA REGION—GEOLOGY, STRUCTURAL
Tectonic pattern of the Ukrainian part of the Black Sea region and adjacent areas. A. S. Sorhletev. Nauk. zap. Kyiv. un. 16 no. 14:20-44 '57

BLADDER
Urethral reflexes evoked from the urinary bladder in cats after spinal cord removal [with summary in English]. B. S. Kulnov and others. Fiziol. zhur. SSSR 45 no. 7:840-847 Jl '59.

BLADDER-WORM see Hydatids

BLADES
Machining blades of propeller-type rotor wheels. F. I. Semenov. Mashinostroitel' no. 1:24-25 Ja '60

BLADES—VIBRATION
Calculating natural frequencies and shapes of vibrations of turbomachine rotor blades. N. S. Lobikov. Izv. vys. ucheb. zav.; av. tekh. 2 no. 4:120-126 '59.

BLAGOVESHCHENSK—HISTORY
Amur, (Province). Upravlenie vnutrennikh del. Arkhivnyi otdel. [The 100 anniversary of Blagoveshchensk (1858-1958); collection of documents and materials] Blagoveshchensku 100 let, 1858-1958; sbornik dokumentov i materialov. Blagoveshchensk, 1959. 573 p.

BLAST FURNACES
(see also subdivision under China; Stalinsk)
Certain factors determining the flow of gases in blast furnaces. Van De-zhun, L. M. TSylev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:11-20 Mr-Ap '60
Effect of the temperature of blow, addition elements and the injection of combustible substances on a blast furnace combustion zone. V. I. Loginov. Izv. vys. ucheb. zav.; chern. met. no. 4:29-38 '60.
Establishing norms of blast furnace performance. E. S. Glikman, I. A. Dritvin. Izv. vys. ucheb. zav.; chern. met. 2 no. 8:171-177 Ag '59.
Using the composition of blast furnace gas for the analysis and control of thermal conditions in blast furnaces. A. N. Pokhvisnev, N. K. Zhilkin. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:29-45 S '59.

BLAST FURNACES—EQUIPMENT AND SUPPLIES
Tuyere nozzles with a heat-insulating coating. V. I. Suvorov, A. M. Zhuk, K. I. Kotov. Metallurg 4 no. 12: 6-8 D '59.
Warping and tightness of valve closing on ports with a free or flexible suspension used in blast furnace equipment. D. A. Storozhik. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:157-160 S '59.

BLASTING
Basmanov, V. A., and others. [Opencast mining and blasting operations] Otkrytye gornye i vzryvnye raboty. Pod red. I. M. Kukunova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 335 p.
Lighten the equipment of a blaster. A. P. Semin. Bezop. truda v prom. 3 no. 12:21 D '59.
Matveev, G. V. [Using blasting methods in ripping clays] Rykhlenie glin vzryvnym sposobom. Leningrad, 1959. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 21)
Nedin, V. V., and Sh. I. Ibraev. [Boring and blasting operations] Burovzryvnye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 356 p.
Readers' response to N. G. Petrov's article "Improving the organization of blasting operations" by Kh. I. Abramson, M. A. Magoichenkov. Ugol' 34 no. 12:40-52 D '59.

BLASTING—SAFETY MEASURES
Safety of underground blasting operations. F. A. Barakov, V. S. Ivanov. Bezop. truda v prom. 3 no. 12:11-13 D '59.

BLASTING, SUBMARINE
Measures for reducing the harm caused by underwater explosions. V. M. Tavrizov. Ryb. khoz. 35 no. 10:17-20 O '59.

BLAVATSKII, VLADIMIR DMITRIEVICH, 1899-
On the sixtieth birthdays of A. P. Smirnov and V. D. Blavatskii. Sov. arkheol. no. 4:3-4 '59.

BLIND—EDUCATION
Characteristics of children who have lost their sight and educational work with them at schools for the blind. V. M. Sletenskaia. Izv. APN no. 96:65-120 '59.
History of typhlology in foreign countries. N. B. Kovalenko, A. V. Rumiantseva. Izv. APN no. 96:228-264 '59.
Perception, speech and thinking of students in grades 1-3 of the schools for the blind. N. S. Kostiuchek. Izv. APN no. 96:9-64 '59.
Possibilities of and prerequisites for the use of sight by students with partial and weak vision in educational work of the schools for the blind. N. V. Serpokryl. Izv. APN no. 96:120-152 '59.
Preface. Izv. APN no. 96:3-5 '59.
Recognition and understanding of pictures and drawings by the students of grades 1-4 of the schools for visually handicapped children. V. A. Feoktistova. Izv. APN no. 96:153-162 '59.

BLIND—PRINTING AND WRITING SYSTEMS
Mathematical writing system for the blind. B. I. Kovalenko. Izv. APN no. 96:205-228 '59.
Russian writing system for the blind. B. I. Kovalenko. Izv. APN no. 96:165-204 '59.

BLIND CHILDREN see Children, Blind

BLIND FLYING see Instrument flying

BLIND GUT see Cecum

BLISS, SIR ARTHUR, 1891-
Letter from A. Bliss to Soviet musicians. Sov. muz. 24 no. 1:105 Ja '60.

BLOOD
Acute hemolytic reaction in a six-year old child following use of streptocide and sulfadimezine. G. M. Meton. Vop. okh. mat. i det. 4 no. 6:79-80 N-D '59.
Blood index changes following the repeated use of synthomycin; experimental investigation. R. P. Uzerskii. Vop. okh. mat. i det. 4 no. 6:43-48 N-D '59.
Change in the blood picture in children at the mountain health resort of Shusha [in Azerbaijani with summary in Russian]. T. A. Bagdasarova. Azerb. med. zhur. no. 12:35-41 D '59.
Influence of various food and drink regimens on the water and salt metabolism and blood at high temperatures. E. S. Makhmudov. Izv. AN Uz. SSR. Ser. med. no. 6:7-11 '59.
Morphological and biochemical factors of the blood of Ala-Tau cows of varied productivity. R. N. Odyneta, A. F. Dokunin, I. A. Fantalin. Trudy Inst. zool. i parazit. AN Kir. SSR no. 7:9-14 '59.
Results of the work of the Sixth Broadened Governing Plenum of the Ukrainian Surgical Societies and of the Eleventh Republic Conference on Blood Transfusion. Nov. khir. zhur. no. 6:135-143 N-D '59.
Some biochemical changes in children's blood during dental fluorosis. V. S. Andreeva. Vop. okh. mat. i det. 4 no. 6:25-29 N-D '59.
Vitamin C content in the blood of children with fluorosis. N. A. Ivanova. Vop. okh. mat. i det. 4 no. 6:29-31 N-D '59.

BLOOD—ANALYSIS AND CHEMISTRY
Changes in the morphological composition of the peripheral blood in dogs of different types of higher nervous activity as affected by long-term external irradiation with small doses of gamma rays (Co^{60}) [with summary in English]. O. F. Makarchenko, M. F. Syrotina, H. S. Zlatin. Fiziol. zhur. [Ukr.] 5 no. 6:769-774 N-D '59.
Consecutive determination of some biochemical components in one and the same blood sample. F. M. Tsitko. Lab. delo 6 no. 1:19-21 Ja-Fe '60.
Seasonal variation of blood properties in the roach and perch. I. R. Veldre. Vop. ikht. no. 12:138-140 '59.

BLOOD—CIRCULATION
Influence of small doses of adrenaline on coronary circulation in hypertension patients. R. I. Mikunis. Vrach. delo no. 11:1209-1211 N '59.
Review of N. N. Savitskii's "Methods for making a study and functional analysis of blood circulation." I. A. Chernogorov. Terap. arkh. 31 no. 12:82-84 D '59.
Volume of the circulating blood and circulation time in patients with mitral stenosis before and after mitral commissurotomy [with summary in English]. L. V. Vesel'nikov. Terap. arkh. 31 no. 12:51-56 D '59.

BLOOD—COAGULATION
Blood coagulation and resistance to anticoagulants in patients with rheumatic heart defects [with summary in English]. E. D. Shmidt-Rozhdestvenskaia. Terap. arkh. 31 no. 12:76-80 D '59.
Blood coagulation system in patients with functional gynecological hemorrhages [with summary in English]. A. A. Radionchenko. Akush. i gin. 35 no. 6:79-83 N-D '59.
Effect of polyglucin on certain indicators of blood coagulation in dogs [with summary in English, p. 57]. V. B. Koziner. Probl. gemat. i perel. krovi 4 no. 12:39-44 D '59.
Functional state of the blood coagulation system in uterine fibromyomas [with summary in English]. V. V. Chernaia. Akush. i gin. 35 no. 6:75-79 N-D '59.
Some problems in the methodology of determining the rate of blood coagulation. G. V. Sukharev. Lab. delo 6 no. 1: 26-27 Ja-Fe '60.

BLOOD—OXYGEN CONTENT
Oxyhemometric analysis of the blood. G. A. Dunaevskii. Lab. delo 6 no. 1:15-18 Ja-Fe '60.

BLOOD—TRANSFUSION
Aloe extract as a factor changing the normal physiological properties of blood. K. A. Sadykhov. Azerb. med. zhur. no. 11:35-39 N '59.
Change in the distribution of amino nitrogen between plasma and the formed elements of arterial and venous blood in isohemotransfusion. N. A. Rzaev. Azerb. med. zhur. no. 11:11-19 N '59.
Comparative evaluation of the effectiveness of intra-arterial and intravenous blood transfusions in traumatic shock. S. K. Nuriagdyev. Zdrav. Turk. 3 no. 5:7-12 S-O '59.
Complications in the transfusion of Rh-incompatible blood. I. R. Zak. Probl. gemat. i perel. krovi 4 no. 12:50-52 D '59.
Effect of the transfusion of diluted cold-resistant blood on hemopoiesis in anemic patients [with summary in English]. N. N. Klimova, L. IA. Peshkova. Probl. gemat. i perel. krovi 4 no. 12:23-26 D '59.
Functional state of the kidneys in blood transfusion in dogs with a damaged thalamohypothalamic region [with summary in English, p. 57]. I. I. Zaretskii, I. A. Mikhailova, N. S. Rozanova. Probl. gemat. i perel. krovi 4 no. 12:34-37 D '59.
Heritable modifications and increased vitality in animals resulting from parenteral introduction of blood and other tissues. P. M. Sopikov. Trudy NIIP 25:101-132 '58.
Heritable modifications in chickens produced by blood transfusion. A. M. Gromov, P. I. Feoktistov. Trudy NIIP 25:133-143 '59.
Neural factor in the stimulating effect of blood transfusion [with summary in English, p. 57]. V. A. Aladashvili. Probl. gemat. i perel. krovi 4 no. 12:37-39 D '59.
Significance of isoserological system P in the evaluation of posttransfusion complications. M. A. Bronnikova. Sud.-med. ekspert. 3 no. 1:52-53 Ja-Mr '60.
Twenty-five points for the prevention of posttransfusion complications for physicians of medical institutions. A. N. Filatov. Vest. khir. 83 no. 11:123-125 N '59.

BLOOD, GASES IN
Gas composition of the blood in patients with mitral stenosis following commissurotomy [with summary in English]. N. M. Gonin. Terap. arkh. 31 no. 12:59-64 D '59.
Gaseous composition of the blood obtained from the coronary sinus during cardiac catheterization in patients with mitral stenosis [with summary in English]. A. V. Sumbaev, I. I. Sivkov. Terap. arkh. 31 no. 12:63-71 D '59.

BLOOD AS FOOD OR MEDICINE
Treatment of eye burns with subconjunctival injections of autogenous blood in conjunction with acetylcholine and separation of the conjunctiva [with summary in English]. T. G. Uglova. Oft. zhur. 14 no. 6:330-334 '59.
Treatment of eye burns by subconjunctival injection of penicillin combined with the patient's own blood [with summary in English]. M. G. Kutakhmet'eva, M. A. Ladyzhinskaia. Oft. zhur. 14 no. 6:334-337 '59.

BLOOD DONORS
Blood brothers. M. Popovskii. Sov. kras. krest 9 no. 6: 16-19 N-D '59.

BLOOD PLATELETS
Role of the determination of the number of thrombocytes and the thrombocytic formula in the diagnosis of cancer. O. A. Nikiforova. Vrach. delo no. 11:1213 N '59.

BLOOD PRESSURE
Changes in electrocardiograms and arterial blood pressure in experimental jaundice with subsequent development of cirrhosis of the liver in dogs [with summary in English]. I. M. Handzha. Fiziol. zhur. [Ukr.] 5 no. 6: 797-802 N-D '59.
Influence of labored nasal breathing on arterial pressure [with summary in English]. D. S. Blokher. Vest. otorin. 21 no. 6:65-67 N-D '59.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS
Blood protein fractions in pneumoconiosis [with summary in English]. M. I. Okun', B. S. Rodkina, A. M. Baru. Klin. med. 37 no. 12:113-117 D '59.
Blood proteins in pulmonary tuberculosis patients. V. I. Grigor'eva, N. A. Livshits. Lab. delo 6 no. 1:9-11 Ja-Fe '60.
Changes in the protein fractions and in some immunological and biochemical indexes in rheumatic fever, rheumatoid polyarthritis, and protracted septic endocarditis. N. A. Makarova, E. P. Agababova, A. A. Zlatorunskaia. Vrach. delo no. 11:1211-1213 N '59.
Data of electrophoresis on blood proteins in rheumatic fever and infectious polyarthritis. P. N. Savina. Lab. delo 6 no. 1:21-23 Ja-Fe '60.
Effect of the thyroid hormone on the protein composition of blood serum in rabbits [with summary in English]. M. N. Levchenko. Fiziol. zhur. [Ukr.] 5 no. 6:793-796 N-D '59.
Electrophoretic determination of serum proteins in mother and child during labor [with summary in English]. V. I. Fel'ton. Akush. i gin. 35 no. 6:61-64 N-D '59.
Electrophoretic study of serum proteins in experimentally induced disturbances of the acid-base equilibrium. E. P. Korzunova. Zdrav. Belor. 5 no. 12:27-28 D '59.
Influence of tuberculin on blood proteins in tuberculous and nontuberculous patients [with summary in English]. A. F. Rabukhin, R. A. Ioffe. Klin. med. 37 no. 12:70-75 D '59.
Method for the determination of glycoproteins in blood serum. R. A. Ioffe. Lab. delo 6 no. 1:11-15 Ja-Fe '60.
Pathogenic and clinical significance of quantitative and qualitative changes of proteins in the blood serum in peptic ulcer [with summary in English]. A. A. Krylov and others. Terap. arkh. 31 no. 12:16-21 D '59.
Preparative method of electrophoretic separation of blood proteins in starch gel. V. M. Rodionov and others. Lab. delo 6 no. 1:23-25 Ja-Fe '60.
Study of the blood protein fractions by means of electrophoresis on paper in children and adolescents with congenital heart defects. N. G. Zernov. Vop. okh. mat. i det. 4 no. 6:87-90 N-D '59.
Table for the rapid calculation of results from determining blood proteins by paper electrophoresis. G. IA. Gorodinskaia. Lab. delo 6 no. 1:25-26 Ja-Fe '60.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—TUMORS
Observation of a tumor of arterio-venous anastomosis (glomus tumor). S. I. Koltunov. Nov. khir. zhur. no. 6: 117 N-D '59.

BLOWERS
Ts51-10 eccentric blower [with summary in English]. V. S. Pak, R. O. Babak. Dop. AN URSR no. 10:1095-1099 '59.

BLUEFISH see subdivision under Black Sea

BLUEPRINTS
Development apparatus for blueprint development without ammonia. A. V. Pozdniakov. Rech. transp. 18 no. 12: 46-47 D '59.

BLUKHER, VASILII KONSTANTINOVICH
Shapa, L. A. [Hero of the Far Eastern Perekop] Geroi Dal'nevostochnogo Perekopa. Vladivostok, Primorskoe knizhnoe izd-vo, 1959. 70 p.

BOARDING SCHOOLS
(see also subdivision under Church National Area; Lenen'; Leningrad, Moscow, Nesvizh; Ukraine)
Organizing group work in boarding schools. R. E. Shirvindt. Sov. pedag. 23 no. 12:30-37 D '59.
Role of a history teacher in character training. V. P. Gavrilov. Prep. ist. v shkole 14 no. 6:63-64 N-D '59.
They deserved the recognition of the people. Nar. obr. no. 5:99-101 My '60.

BOATBUILDING see subdivision under United States

BOATS, SUBMARINE see Submarine boats

BOATS AND BOATING
According to the new program. I. Kulik. Voen. znan. 36 no. 4:35 Ap '60.

BOBBINS (TEXTILE MACHINERY)
Knotting on a bobbin by a new procedure suggested by twister G. Voroshilina. T. G. Ivanova. Khim. volok. no. 5:75 '59.

BOBROV—DEAF—SOCIETIES, ETC.
First harvest. V. Antipenko. Zhizn' glukh. 12 no. 11: 11 N '59.

BOBRUYSK DISTRICT—PEAT
Communist labor brigade has fulfilled its obligations. P. G. Loiko. Ud. tur. 4 no. 12:34-35 D '59.

BOCH, SERGEI GENNADIEVICH, 1905-1956
Sergei Gennadievich Boch; outline of his life and work. I. I. Krasnov. Biul. Kom. chetv. per. no. 23:101-109 '59.

BODY FLUIDS
Method for simultaneous determination of the volume of extracellular "sulfate" space and the volume of circulating blood in an intact organism by the use of radioactive sulfur and phosphorus [with summary in English]. M. A. Khvolnyts'ka. Ukr. biokhim. zhur. 31 no. 5:759-764 '59.

BODY TEMPERATURE
Physiology of heat exchange and the hygiene of industrial microclimate. A. E Malysheva Vest. AMN SSSR 14 no 12:36-41 '59.

BODY TEMPERATURE—REGULATION
Thermoregulating disunion of respiration and phosphorylation S. F. Severin and others. Dokl. AN SSSR no 6:1447-1450 Ap '60

BODY WEIGHT
Some age characteristics of the effect of the somatotropic pituitary hormone on body weight and urine composition in white rats [with summary in English]. I. N. Todorov. Dop AN URSR no 11:1283-1287 '59.

BOGOLIUBOV, NIKOLAI NIKOLAEVICH, 1909-
Nikolai Nikolaevich Bogoliubov; on his 50th birthday. IU. A. Mitropol'skii, S. V. Tiablikov. Usp. mat. nauk 14 no. 5: 167-180 S-O '59.
Nikolai Nikolaevich Bogoliubov, on the fiftieth anniversary of his birth IU A Mitropolsky, S V Tiablikov. Ukr mat zhur 11 no 3 295-311 '59

BOGORODSKII, FEDOR SEMENOVICH, 1895-1959
In memory of F. S Bogorodskii. Iskusstvo 22 no. 12 73 '59.

BOGORODSKII DISTRICT (KIROV PROVINCE)—SWINE BREEDING
Great achievements of Bogorodsk students. IUn. tekh. 4 no 12:10-13 D '59.

BOILER INSPECTION
Iziumskii, N. A., and A. S. Lebedev, comps. [Symposium of rules and regulations pertaining to boiler inspection] Sbornik pravil i rukovodiashchikh materialov po kotlonadzoru. Izd. 3., ispr. i dop. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1959. 621 p.

BOILERS
Critical water levels in steam boilers. N. M Vladimirov. Elek sta 30 no 12:16-18 D '59
Effect of the sulphur contained in the fuel on the operation of tail heating surfaces of boiler units. IA. M. Bregman, P. N Kend,s'. Energomashinostroenie 5 no. 11:46-48 N '59
Investigating steam quality of once-through boilers of supercritical pressure with varying feed water composition. M. A. Styrikovich, E. P. Serov, O. K. Smirnov. Teploenergetika 7 no. 1:30-33 Ja '60
Measures for improving boiler room operations N K. Polishchuk Sakh prom 33 no 12 31-32 D '59
New designs for steam boilers for high and superhigh steam parameters. K. F. Roddatis. Teploenergetika 7 no. 1 3-13 Ja '60.
Packing gland of the boiler-preheater V P. Maksimov Elek i tepl tiaga 4 no 1 17 Ja '60
Regulating the overheating of the steam in the conversion of boilers to natural gas I IA Sigal, IU. I Danilevich Prom energ 15 no 1 48-51 Ja '60
Results of tests made on boilers fired on natural gas. A. M. Krapivin, F. P. Kazakevich, G. I. Anofriev. Prom energ. 14 no. 12:15-22 D '59.
Water boilers for livestock farms. A. Sakun. Sel'. stroi. 14 no. 12 28 D '59.
Water level indicator in the boiler drum B. I. Belolipetskii Sakh prom 33 no 12:33-34 D '59.
Welding the drums during reconditioning of small steam boilers IU. A. Gerasimov Prom energ. 15 no. 1,62 Ja '60

LUID DYNAMICS
to friction of unilinear and multilinear boiler heat exchangers. N. F. Ragulin. Energo- oente 5 no. 11:17-19 N '59.

ND REGULATIONS
al Mine Inspection. Changes in
Regulations on the Installation and
Steam Boilers. Bezop. truda v prom.
60.

APPLIANCES
am boilers. V. M. Asanov. Izv. vys
g. 2 no. 11:139-144 N '59.

l heating surfaces in marine steam
ion. Sudostroenie 25 no. 12.21-25

egulator diagram for marine steam
hifrin. Sudostroenie 25 no. 12:17-21

EACTORS
ribution of the flow of fast neutrons in
f the VVR-S reactor by measuring the
tivity of germanium samples E. Ale-
Bartenbakh Atom. energ 8 no 5

alysis of a pressurized water-type
mary in English] L. N. Muchnik.
no. 12:105-109 D '59.

BOKOV, VIKTRO
Rich poetry ("Sastrugi" and "Uproarious spirits" by Viktor Bokov. Reviewed by I Mikhailov). Neva no 11 193-194 '59

BOLDAKOV, EVGENII VASIL'EVICH, 1880-
Important specialist in planning dam roadways. Avt. dor. 22 no 12,19 D '59.

BOLLWORM
Using chlorothen with DDT against cotton bollworm G. A Pishnamazov Zashch rast. ot vred i bol 4 no 3 42 My-Je '59

BOL'SHE-NARYMSKOYE DISTRICT—STONE IMPLEMENTS
New paleolithic locations in eastern Kazakhstan. A. A. Krylova. Krat. soob IIMK no. 76:28-32 '59.

BOLSHEVISM see Communism

BOL'SHOY BASKAN VALLEY—GLACIERS
Current glaciation in the Bol'shoy Baskan River basin of the Dzungarian Ala-Tau. P. A. Cherkasov. Trudy Sekt. geog. AN Kazakh. SSR no. 5:33-78 '59.

BOLSHOY KINEL' VALLEY—GAS, NATURAL—GEOLOGY
Formation of the Bol'shoy Kinel' bank and the outlook for oil and gas prospecting in adjacent areas I. A. Shpil'man Geol. nefti i gaza 3 no 12:9-13 D '59

BOLSHOY KINEL' VALLEY—PETROLEUM GEOLOGY
Formation of the Bol'shoy Kinel' bank and the outlook for oil and gas prospecting in adjacent areas. I. A Shpil'man. Geol nefti i gaza 3 no. 12 9-13 D '59.

BOL'SHOY TOKMAK—DIESEL ENGINES
Great achievements of a small plant B Dubner. NTO no. 11 58 N '59

BOLTS AND NUTS
Automatic machine for assembling bolts and screws with washers. V. G. Palatko. Mekh. i avtom. proizv. 13 no. 12:41-42 D '59.
Locking nuts. S. F. Pan'ko. Mashinostroitel' no. 1:14 Ja '60.

BOLYAI, JANOS, 1802-1860
Hundredth anniversary of the death of János Bolyai. Vest. AN SSSR 30 no. 4:140 Ap '60.
Janos Bolyai. B. Delone. Sov. Soiuz. no. 1 31 '60.

BOMBING, AERIAL
This is the way to bomb. M. I. Golyshev, V. D. Sokolov. Vest. Vozd. Fl no. 12 20-28 D '59

BOMBS see Projectiles

BOMBSIGHTS
Quick changing shock-absorber system for bombsights. IA N. Shapiro. Vest. Vozd. Fl no 12 68-69 D '59.

BONE CARVING see subdivision under Kazakhstan

BONES
Effect of age, maintenance and feeding on the mineralization of osseous tissues in cows with various milk production in the forest-steppe zone of the Ukraine. A. IA. Hryhor'ieva. Dop. UASHN 2 no. 6:34-37 N-D '59.
The number of vertebrae and some osteological characters of Antarctic fishes; as evidenced by X-ray photographs A. P. Andriiashev. Vop. ikht no 12:3-7 '59.
Observation of marble disease (osteopetrosis) in the lower extremities A M. Solntsev, O. I Volynets Vrach delo no 11 1199 N '59.
Simultaneous determination of iron and calcium in bone tissue. L. P. Pchelina. Lab. delo 6 no. 1:51-52 Ja-Fe '60.

BONES—CANCER
Primary malignant bone tumors; analysis of one hundred twenty-one cases I. T. Shevchenko, S. A. Pokrovskii, K P. Ganina Nov. khir. zhur. no. 6:56-66 N-D '59.

BONES—DISEASES
Clinical aspects of radiation injuries of the bone during roentgenotherapy [with summary in English]. J. Koldř, R. Vrabec. Vest. rent. i rad. 34 no. 2:43-47 Mr-Ap '59.

BONES—SURGERY
Homoplasty with cartilage of osteomyelitic bone cavities in children following sequestrectomy [with summary in English] A. F. Zverev, G. M. Kazakov. Vest. khir. 83 no. 11:56-59 N '59.

BONES—TUMORS
Cysts, and fibrous and giant-cell growths on bones, their pathogenesis and nature [with summary in English]. Vest. khir. 83 no. 11:18-27 N '59.
Some characteristics of the course and therapy of giant-cell tumors (osteoblastoclastomas) [with English summary in appendix]. V. P. Gratsianskii, V. E. Panov. Ortop., travm. i protez. 20 no. 11,62-67 N '59.

BONUS SYSTEM
Bonus awards for reducing production costs. [illegible] Sots. trud 4 no. 7,115-120 Jl '59.
Bonus awards for workers of agricultural enterprises [illegible] organizations. I. Shabodo. Sots. trud 4 no 7 [illegible] Jl '59.
Improve the system of material incentives in [illegible] tions industry. S. Korentsvet. Sots. trud 4 [illegible] 128-129 Jl '59.
New bonus system. L. Torgonenko. Ekon. stroi. [illegible] 68-71 D '59.
New developments in the bonus policy for [illegible] workers A Chulanov Mias inl. SSSR [illegible] '59.
New regulation on bonuses for managerial engineering-technical workers and employees. Nar. khoz. [illegible] no. 12:54-56 D '59.
Problems in the material incentive of builders. [illegible] stroi. no. 12:65-66 D '59.

BOOK COVERS
Using synthetic glues in bookbinding K P [illegible] Poligr proizv no 12:16 D '59

BOOK INDUSTRIES
Al'tshul', G. N. [Materials of the book trade] Knizh[illegible] tovary. Moskva, Izd-vo TSentrosoiuza, 1959. [illegible] p.
The art of the book industry. S. Litvinenko. [illegible] no. 10:169-194 '59.
Visiting a book factory. D. Ol'shanskii. [illegible] no. 12:58-64 D '59.

BOOK INDUSTRIES—EXHIBITIONS
(see also subdivision under Leipzig)
Prizes for Soviet book artists. Poligr proizv [illegible] 18-19 D '59

BOOKBINDING
Binding clean signature blocks without stitching [illegible] Perl'shtein. Poligr proizv no 12 [illegible]
Bookbindings made of plastic. T. M. Zimin. [illegible] zhizn' 20 no. 12:38 D '59.

BOOKS
Books are sources of knowledge. Chto chitat' 2 [illegible] D '59
Stekol'nikov, G. I. [Best friend] Samyi luchshii dr[illegible] [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1958. 16 p.

BOOKS—REVIEWS
[Chronicle of reviews.] Letopis' retsenzii no. [illegible]
Reviews of books and periodicals V. V. [illegible] proizv. no 12 25-27 D '59

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Ivanovo, Latvia; M[illegible], Moscow Province, Peiping)
Reznikov, B. G. [Work of a sales clerk in a book st[ore]] Rabota prodavtsa v knizhnom magazine. Izd. 2., [illegible] i dop. Moskva, Gos. izd-vo "Iskusstvo," 1960. 311 p.

BOOLEAN FUNCTIONS
Group invariance of Boolean functions. IU. I. [illegible] Usp. mat. nauk 14 no. 6:191-195 N-D '59.

BOOTS AND SHOES, FELT see subdivision under [illegible]

BOOTS AND SHOES, RUBBER
Construction parameters for fastening porous rubber soles with nylon threads. V. N. TSvetkov, F S [illegible] Izv. vys. ucheb. zav.; tekh. leg. prom no. 5:85 [illegible] '59
Principal characteristics of sole rubber manufacture and methods for their utilization in designing [illegible] production lines. P. S. Pushkin. Izv. vys ucheb zav. tekh leg prom. no 5:16-25 '59.
Purification of waste gases from vulcanization [illegible] used in the manufacture of rubber footwear. I. F. Zemskov. Kauch. i rez. 18 no. 12:49-52 D '59.

BORING
(see also subdivision under Yakutia)
Calculation of the inscribed action radius of mine face motors and boring equipment in directed hole boring O V. Kruglov, IU. M. IUdborovskii Podzem gas [illegible] no. 4 42-46 '59.
Completion of small-diameter test wells. IA. M. Khabibullin. Neftianik 3 no. 8:7-10 Ag '58.
Determining elastic deflecting forces in directional drilling. M. P. Gulizade Izv. vys. ucheb. zav., neft' i gaz 2 no. 11,55-60 '59.
Dobrovskii, V. V., and others. [Manual of well boring for water supply] Spravochnik po bureniiu skvazhin na vodu. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. [illegible] p.
Drilling small-diameter test wells. F. A. Gorlanov. Neftianik 3 no. 8:6-7 Ag '58.
Effect of water consumption, depth, and angle of borehole inclination on the depth of boring by means of an air sinker. V. D. Legeza, N. U. Turuta, L V. Filatov Izv vys. ucheb. zav.; gor. zhur. no. 3:81-83 '59.
Goldaev, I. P., and others. [Using thermal methods in working frozen ground] Razrabotka merzlykh gruntov termicheskim sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 46 p.

BORING (Continued)

Local desintegration of hard rocks in drilling P. M. Rostomian Izv vys ucheb zav , neft' i gaz 2 no 11 43-48 '59

Medvedko, A. I. [Mechanism of rock shattering in impact boring, second lecture] Mekhanizm razrusheniia gornykh porod pri udarnom burenii; lektsiia vtoraia. Moskva, Vses. zaochnyi politekhn. in-t, 1959. 32 p.

Nedin, V. V., and Sh. I. Ibraev. [Boring and blasting operations] Burovzryvnye raboty. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 356 p.

New method of coreless well boring for water using dielectric logging. G. IA. Cherniak. Osn., fund. i mekh. grun. no. 6:12-14 '59.

Practices in boring inclined boreholes oriented toward the coal seam V I Pronin Podzem gaz ugl no. 4 40-41 '59

Soil auger for investigating root systems of woody plants. N. A. Zudin. Izv vys ucheb zav ,les zhur. 2 no 6: 154-155 '59

Test pumping in boring wells with the AVB-3-100 unit. IU. S. Komissarov. Vod. i san. tekh. no. 1:38-39 Ja '60.

BORING—EQUIPMENT AND SUPPLIES

Preparation of steel shot boring pellets by means available to geological prospecting parties. IU. M. Perliskii. Sbor. nauch. rab. stud. LGI no. 2:74-85 '57.

BORING MACHINERY

(see also subdivision under United States)

Automotive ice boring unit designed by R. I. Pshenichnikov, I. N Morozov, and K. R. Tumel', Ryb. khoz. 35 no. 10: 45-47 O '59.

The BU-75Br drilling unit. A. A. Antonov. Biul. tekh.-ekon. inform. no. 12:3-4 '59.

Directional drilling. V. Z. Ivanov. Razved. i okh. nedr 25 no. 10:49-51 O '59.

Effect of the diameter of the bore bit on the efficiency of boring operations. V. G. Simanov. Izv. vys. ucheb. zav , gor zhur. no. 7:40-52 '59.

Efficient use of small-diameter bits. M. S. Khakimov. Neftianik 3 no. 8:27-29 Ag '58.

IVIOS bits with cones made from a new type of steel. V A. IAkovlev Neftianik 4 no. 12:19-20 D '59.

Increasing the capacity of hydrodrills A. IAsashin Neftianik 4 no. 9,14-15 S '59

Theory on the relationship between basic kinematic characteristics of tricone bits. A IA. Grigorian. Azerb. neft. khoz. 37 no. 6:18-23 Je '58.

Turchuk, A. A., and others. [ZIF-650 A, boring machine unit] Burovoi agregat ZIF-650 A. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 133 p.

The UBD-1 universal drill holder. B. M. Ivanov. Bezop. truda v prom. 3 no. 12:29-30 D '59.

Using hard alloy bits for air drilling. N. S. Makurin, B. S. Filatov. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9: 111-122 S '59.

Wear resistance of simple bits when using vibropercussion drilling machinery E. I. Tagiev, A. V. Kichigin. Izv. vys. ucheb. zav., neft' i gaz 2 no 11;31-36 '59.

BORING MACHINERY—TESTING

Results of industrial tests and certain operational characteristics of the BEU-1 boring rig. G IA. Vas'kovskii. Podzem. gaz. ugl no. 4;49-52 '59.

BORING MACHINERY—VIBRATION

Natural frequency of a drilling tool L. E. Simoniants. Izv. vys. ucheb zav.; neft' i gaz 2 no 11;37-42 '59.

BORINGS—EQUIPMENT AND SUPPLIES see subdivision under Rumania

BORISOV, TROFIM VASIL'EVICH

Efficiency promoter of the Serpukhov plant. Z. P. Asmolova. Khim. volok. no. 5:76 '59.

BORISPOL' DISTRICT—REPAIR AND SUPPLY STATIONS

A workshop for the restoration of machine parts in a repair and supply station. Ukraina no. 23,13 D '59.

BORISPOL' DISTRICT—RURAL ELECTRIFICATION

Work on electrification by the council of Borispol' District collective farms. IU. M. Moroz. Mekh. sil'. hosp. 11 no. 1:24-25 Ja '60.

BORODYANKA DISTRICT—COLLECTIVE FARMS

Development of communal economy and agricultural standards on the Lenin Collective Farm V. T. Lozenko and others. Zemledelie 8 no 1,19-25 Ja '60.

BORON

Effect of boron on winter wheat when applied in rows together with other fertilizers. N. O. Cherniavs'ka. Dop. UASHN 2 no. 6:14-15 N-D '59.

Kinetic parameters of the nitration of boron [with summary in English]. V. M. Slieptsov, H. V. Samsonov. Dop. AN URSR no. 10:1116-1118 '59.

Total and water-soluble boron in the principal soils of southern Tajikistan. A. N. Zyrianova. Dokl. AN Tadzh. SSR 1 no. 4:33-36 '58.

BORON—ANALYSIS

Drop method for determining microquantities of boron in silicon [with summary in English]. A. L. Sokolova, N. A. Mekharashvili. Zhur. anal. khim. 14 no. 6;745 N-D '59.

BORON—SPECTRA

Spectrum analysis of boron in rocks. M. I. Shilling, E. A. Pometun. Zav. lab. 25 no. 12:1471-1474 '59.

BORON CARBIDE

Chemical stability of boron carbide. T. N. Nazarchuk. Zhur. neorg. khim. 4 no. 12:2665-2669 D '59.

BORON FLUORIDE

Simple method of preparing gaseous boron trifluoride. I. V. Andreeva. Zhur. prikl. khim. 32 no. 8;1855-1857 Ag '59.

BORON HYDRIDE

Method of analysis for petaborane [with summary in English]. A. F. Zhigach, E. B. Kazakova, R. A. Kigel'. Zhur. anal. khim. 11 no. 6;746-747 N-D '59.

BORON NITRIDES

Boron nitride. V. M. Sleptsov, G. V. Samsonov. Vop. por. met. i prochn. mat. no. 6:65-79 '58.

BORON ORGANIC COMPOUNDS

Organic compounds of boron. B. M. Mikhailov. Usp. khim. 28 no. 12;1450-1487 D '59.

BORON STEEL

Effect of titanium on the properties of boron steel. IA. E Gol'dshtein, L. L. Platakova Lit proizv no 12 26-31 D '59

BORON STEEL—ELECTROMETALLURGY

Boron addition to steel by electroplating. V. D. Taran, L. P. Skugorova. Metalloved. i term. obr. met. no. 1: 2-5 Ja '60.

BORONIC ACIDS

1-(1'-Haloferrocenyl)-boronic acids in the synthesis of ferrocene derivatives. A. N. Nesmeianov and others. Dokl. AN SSSR 131 no. 5;1080-1081 Ap '60.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL APPARATUS

Installation for the creation of dry wind [with summary in English]. I. R. Fridman Fiziol. rast. 6 no. 6:751-753 N-D '59

BOTANICAL CHEMISTRY

Plants-alchemists. E. Michel. IUn. tekh. 4 no. 11:66-67 N '59.

BOTANICAL GEOGRAPHY see Phytogeography

BOTANICAL RESEARCH

(see also subdivision under Azerbaijan, China)

Method of determining gas exchange in the crown of a tree [with summary in English]. IA. D. Romashko. Ukr. bot. zhur. 16 no. 5:49-54 '59.

BOTANICAL RESEARCH—CONGRESSES

Conference of workers of botanical gardens of Central Asia and Kazakhstan, held in Tashkent. P. A. Gomolitskii. Uzb. biol. zhur. no. 5;79-80 '59.

BOTANICAL SOCIETIES see subdivision under Ukraine

BOTANISTS—DIRECTORIES

"International directory of specialists in plant taxonomy with a census of their current interests" [in English] by A. C. De Roon. Reviewed by S. IU. Lipshits. Bot. zhur 44 no. 11,1677-1679 N '59.

BOTANY

(see also subdivision under Badakhshan Province; Denezhkin Kamen' region; Gorodnya District; Kazakhstan; Kokchetav Province; Suiteh County, China; Tajikistan; Tomgenevo region)

Charles Darwin's botanical works. E. A Khulianava Vestsi AN BSSR. Ser biial nav. no 4:16-22 '59.

BOTANY—ANATOMY

Anatomical structure of the "stem" of glasswort (Salicornia europaea L.) [with summary in English]. V. H. Nikolaievs'kyi. Ukr. bot. zhur. 16 no. 5;65-68 '59.

BOTANY—CLASSIFICATION

(see also subdivision under Lanchow, China)

Development of the theory of races and the series method in the Russian school of taxonomy [with summary in English]. E. G. Bobrov. Bot. zhur. 44 no. 11;1563-1566 N '59.

Series of species. I. T. Vasil'chenko. Bot zhur 44 no 10;1491-1494 O '59

Significance of the male gametophyte for the taxonomy of angiosperms [with summary in English]. F. E. Rudenko Bot. zhur. 44 no 10:1467-1475 O '59.

BOTANY—CONGRESSES

At the 13th Symposium of the Society of Experimental Biology, Reading (England), 1958. V. S. Sokolov. Bot. zhur. 44 no. 11:1682-1687 N '59

BOTANY—ECOLOGY

Methods of ecological research and the problem of organic expediency [with summary in English] IU. S Grigor'ev. Bot. zhur 44 no. 11:1538-1545 N '59.

BOTANY—EMBRYOLOGY

Embryological study of Arachis hypogaea L [with summary in English] E. N Gerasimova-Navashina Bot zhur 44 no 10 1453-1466 O '59

Seedlings from isolated embryos. V. M. Liubchenko. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2,7-12 '59.

BOTANY—LABORATORY MANUALS

"Manual for practical studies on botany" by E. A. Dubianskaia. Reviewed by B. D. Alekseev. Apt. delo 8 no. 6: 76-81 N-D '59.

BOTANY—MORPHOLOGY

Construction of biomorphological series of herbaceous perennials. E. L. Liubarskii. Bot. zhur. 44 no. 12: 1753-1756 D '59.

Some characteristics of the morphogenesis of life forms in herbaceous plants of the forest-meadow zone in connection with their evolution [with summary in English]. V. N. Golubev. Bot. zhur. 44 no. 12:1701-1710 D '59.

BOTANY—PERIODICALS see subdivision under Slovakia

BOTANY—STUDY AND TEACHING see subdivision under Leningrad

BOTANY, MEDICAL

(see also subdivision under Dnepropetrovsk Province; Georgia)

Cultivation of principal medicinal plants. N. IA. Ilakov. Trudy Bot. inst Ser. 6 no. 7;275-279 '59.

Plumbago europaea L. as a valuable medicinal plant V. G. Kreier. Bot. zhur. 44 no 10:1507-1510 O '59.

Procurement of cultivated and wild medicinal plants. P. T. Kondratenko. Trudy Bot. inst. Ser. 6 no 7;280-284 '59.

Searching and introducing wild and foreign species of medicinal plants. P. N. Kibal'chich. Trudy Bot. inst Ser. 6 no. 7:271-274 '59

BOTKIN, SERGEI SERGEEVICH, 1859-1910

Sergei Sergeevich Botkin; on the 100th anniversary of his birth. V. B Farber. Klin. med. 37 no. 12 134-138 D '59.

BOTTLING

For lowering labor expenditures in each production operation L. I Kigel'. Masl.-zhir. prom 25 no 12 33-39 '59.

BOTVINNIK, MIKHAIL MOISEEVICH

Chess champion and power engineer. A. Iglitskii, E. Umnov. IUn. tekh. 4 no. 12;39-40 D '59.

BOULDERS

Glaciers as transporters of boulders. B. S. Lunev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9:142-144 S '59.

BOX MAKING

Machine for making dividers for bottle cases. N. A. Metelkin. Masl.-zhir. prom. 26 no. 1;20-20 Ja '60.

BRACHIOPODA, FOSSIL see subdivision under Borchogur region; Kazakhstan; Maritime Territory; Mongolia; Ural Mountains

BRAGIN DISTRICT—ATHEISM

We struggle against religious superstitions. A. Shikin. Komm. Bel. 33 no. 12;23-26 D '59.

BRAILLE SYSTEM see Blind—Printing and writing systems

BRAIN

Brain metabolism in the evolution of vertebrates [with summary in English]. E. M. Kreps, N. A. Verzhbinskaia. Izv. AN SSSR. Ser. biol. 24 no. 6:855-864 N-D '59.

Changes in various reaction patterns caused by the impairment of cerebral activity at the diencephalic or brain stem levels [with summary in English]. A. M. Zimkina. Fiziol. zhur. SSSR 45 no. 7:780-800 Jl '59.

Data on the physiology of the reticular formation from the viewpoint of the theory on the trophic adaptative role of the nervous system [with summary in English]. A. I. Karamian. Fiziol. zhur. SSSR 45 no. 7:778-788 Jl '59.

Effect of serotonin on the incorporation of radioactive tracers into proteins of the central nervous system under conditions of intracranial introduction of methionine S^{35} and glycine C^{14} [with summary in English]. E M. Kravchyns'kyi Ukr. biokhim zhur 31 no 5, 665-670 '59

In vivo experiments on the effect of α-pinene on oxygen absorption and glycolytic activity of the rat brain [with summary in English] M M. Epshtein Ukr. biokhim. zhur 31 no 5:751-758 '59

Morphological changes in the neuron system of the auditory and motor analyzers under the influence of sound stimuli [with summary in French]. O. N. Olenova. Zhur. nevr. i psikh. 59 no. 12:1409-1418 '59.

"The waking brain" [in English] by H. W. Magoun. Reviewed by IU. G. Kratin. Fiziol. zhur. 45 no. 12:1506-1509 D '59.

BRAIN—ABSCESS

Clinical picture of contralateral otogenic abscess of the right lobe of the brain [with summary in English]. A. N. Mikhalkina, N. L. Leikinas. Vest. otorin. 21 no. 6:49-52 N-D '59.

Metastatic abscesses of the brain in children with cicatricial stenosis of the esophagus. L. V. Mikhailova. Vop neirokhir 23 no. 6 46-47 N-D '59

Phasic course of the pathological process in the formation of traumatic abscesses of the brain, in experiment [with summary in English, p 61] K K Kharitonova. Vop neirokhir 23 no 6 37-41 N-D '59

Results of a discussion on the diagnosis and treatment of patients with otogenic abscesses of the brain and cerebellum [with summary in English]. M. I. Vol'fkovich. Vest. otorin. 21 no. 6 53-61 N-D '59

BRAIN—BLOOD SUPPLY

Absorption of chlorides in the cecum following reduction in the blood supply to the brain in sheep. Kim Sin Heb. Pratsi Od. un. Zbir. stud. rob. no. 5. (vol. 149) 173-176 '59.

BRAIN—BLOOD VESSELS

Some problems in the pathogenesis of circulatory disturbances of the brain in hypertension [in Azerbaijani with summary in Russian]. G. M. Isazade. Azerb. med zhur. no 11 8-13 N '59.

BRAIN—CANCER

Malignant degeneration of meningioma [with summary in English, p 60]. V. F Tushevskii Vop. neirokhir 23 no 6 18-22 N-D '59.

BRAIN—CONCUSSION

Brain concussion. K. Kurdov. Zdrav. Turk. 3 no. 5-12-15 S-O '59.

BRAIN—DISEASES

Anosov, N.N. [Treatment and prevention of thrombosis of the cerebral vessels with anticoagulants] Lechenie i preduprezhdenie trombozov sosudov golovnogo mozga antikoaguliantami. [Leningrad] Medgiz, 1959. 111 p.
(DNLM)

BRAIN—HYDATIDS

Late results of operative treatment of alveolar echinococcosis of the brain. S. K Veselitskii. Vop. neirokhir. 23 no. 6, 44-45 N-D '59.

BRAIN—TUMORS

Analysis of the cerebrospinal fluid in cholesteatomas in the brain Chang Chi Vrach delo no 11 1137-1140 N '59

Clinical picture of a supratentorial cholesteatoma of the brain [with summary in English, p 61] Chang Chi. Vop. neirokhir 23 no. 6 33-36 N-D '59.

Diagnosis of Sturge-Weber disease. I. M. Muzykantskii. Vest. rent. i rad. 34 no. 2, 87 Mr-Ap '59.

Dynamics of epileptic seizures in cases of cerebral tumors [with summary in English, p 61]. IU. E. Beliaev. Vop. neirokhir 23 no. 6 27-30 N-D '59

Meningeal syndrome in brain tumors. P P. Mel'nikov, V A Del'va. Vrach delo no. 11 1201 N '59

Review of A I. Arutiunov, IU. A. Zozulia and S. S. Oganesian's book "Tuberculomas of the brain " D. G. Shefer Vop neirokhir 23 no 6 57-59 N-D '59

Role of trauma in the development of brain tumors. I Kh Bakunts Vrach. delo no 11 1201-1203 N '59.

Samoilov, A.IA. [Ophthalmological symptoms in brain tumors] Oftal'mologicheskie simptomy opukholei golovnogo mozga. Moskva, Medgiz, 1959. 227 p.
(DNLM)

Treatment of various tumors of the brain by ligation of the carotid arteries. N. N. Golysh Vop. neirokhir 23 no. 6, 43-44 N-D '59

BRAIN—WOUNDS AND INJURIES

Functional methods of examining patients with delayed results of internal cranial or brain trauma. P. Makkaveiskii. Sots obsep. 20 no. 12:20-22 D '59.

Roentgenotherapy of late traumatic diseases of the brain [with summary in English]. E. I. Rozenblit, M. E. Manikov. Vest. rent. i rad. 34 no. 2-34-38 Mr-Ap '59.

BRANCHIOPODA

Role of Apus cancriformis Schaffer as a pest on sturgeon rearing fishes farms I. B Bogatova. Vop. ikht. no. 12; 165-176 '59.

BRASS

Effect of small additions of zirconium, titanium, and boron on the structure and properties of silicon brass. V. M Chursin, A. IA. Zavgorodnii Lit. proizv no. 12; 35-37 D '59

BRASS—ANALYSIS

Lead determination in leaded brass. I. E. Bykov, L. S. Gorshkova. Trudy Inst. met. UFAN SSSR no. 3:127-129 '59.

BRASS—SPECTRA

Initial stages in the formation of diffusion porosity in L62 and N80Kh20 alloys, as investigated by the method of small-angle X-ray scattering. V. L Kalikhman, IA S. Umanskii. Dokl. AN SSSR 132 no 1 108-109 My '60.

BRASS—WELDING

Automatic electric arc welding under flux of brass containing lead. I. I Dzhevaga. Avtom. svar 12 no 12: 43-51 D '59

BRASSICACEAE see subdivision under Mongolia, Inner

BRASSICACEAE—DISEASES AND PESTS

Clubroot (Plasmodiophora brassicae Wor.) on weeds of the family Cruciferae G F Maklakova Bot. zhur 44 no 11, 1649-1653 N '59.

BRATSK HYDROELECTRIC POWER STATION

The Angara giant V. Revich Vokrug sveta no. 1 5 Ja '60

The most important electric power plant. I. Synel'shchykov. Znan. ta pratsia no. 12:8-10 D '59.

BRAVERY see Courage

BRAZIL—DESCRIPTION AND TRAVEL

Hanzelka, Jiří, and Miroslav Zikmund. [There, beyond the river is Argentina. Translated from the Czech] Tam, za rekoiu - Argentina. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 428 p.

BRAZIL—LABOR LAWS AND LEGISLATION

The Brazilian trade union movement marches toward unity. Armando Ziller. Vsem. prof. dvizh. no. 4:36-39 Ap '60.

BRAZIL—TRADE UNIONS—CONGRESSES

The Brazilian trade union movement marches toward unity. Armando Ziller. Vsem. prof. dvizh. no. 4 36-39 Ap '60.

BREAD

Effect of fermentation time on yeast propagation in rye sponge. P. M. Plotnikov, K V Eremina, K. G. Bazovskaia Izv vys. ucheb. zav , pishch tekh. no. 5:57-61 '59

"Kalach." T. Tatarinova. Obshchestv. pit. no. 10:54 O '59.

BREAM see subdivision under Ik, Lake

BREAST

Some problems concerning the neurohumoral regulation of the mammary gland [in Kazakh with summary in Russian]. Kh. Diusembin. Vest. AN Kazakh. SSR 15 no 11:63-67 N '59.

BREAST—CANCER

Averbakh, M.M. [Pathology of dyshormonal diseases and cancer of the breast] Patologiia disgormonal'nykh zabolevanii i raka molochnoi zhelezy. Moskva, Medgiz, 1959. 208 p.
(DNLM)

Influence of testosterone propionate on the growth and development of breast cancer M D Podil'chak. Vrach. delo no 11 1143-1147 N '59

Tolstova, G.M. [Electrosurgical method in treating breast cancer] Elektrokhirurgicheskii metod lecheniia raka molochnoi zhelezy. Moskva, Gos. izd-vo med. lit-ry, 1959. 114 p.
(DNLM)

BREAST—DISEASES

Radiation injuries. A. I. Lebedeva. Vest. rent. i rad. 34 no. 2:92-94 Mr-Ap '59.

BREASTBONE see Sternum

BREATHING APPARATUS see Respirators

BREDIKHIN, FEDOR ALEKSANDROVICH, 1831-1904

Fedor Aleksandrovich Bredikhin; on the occasion of the 125th anniversary of his birth. O. A. Mel'nikov. Izv. GAO 20 no. 6:1-27 '58.

BREMSSTRAHLUNG

Polarization of electrons in bremsstrahlung. A. A. Kresnin. Zhur. eksp. i teor. fiz. 37 no. 3:872-873 S '59.

BREST—MILITARY EDUCATION

Strength of battle traditions. A. Rakitin. Voen znan. 36 no. 5-18-19 My '60.

BREST PROVINCE—AGRICULTURE

Decisive force in rural areas. A. Smirnov. Komm. Bel. 33 no. 12:27-34 '59.

BREST PROVINCE—CORN (MAIZE)

Obtaining 580 centners of corn stalks from 48,000 hectares. A. Nekrashevich. Nauka i pered. op. v sel' khoz. 9 no. 12-10-11 D '59.

BREST PROVINCE—MOTION-PICTURE PROJECTION

Motion-picture operator certificates issued with high-school certificates. Z. Grin'ko. Kinomekhanik no. 12: 18 D '59.

Patriotic initiative. A. Kolotov. Kinomekhanik no. 12:10 D '59.

BREWING INDUSTRY—HYGIENIC ASPECTS see subdivision under Ostankino

BREZHNEV, LEONID IL'ICH, 1906-

Our new president Nov vrem 18 no 20 6 My '60

BRICK INDUSTRY

Follow-up on our interventions. Prom. koop. 13 no 12 35 D '59.

BRICKLAYING

Improving the laying of ceramic stone walls. S. M. Starostin. Izv. vys. ucheb. zav., stroi. i arkhit. no 7, 146-151 '59.

BRICKMAKING see subdivision under Oboyan District

BRICKS—DRYING

Using petroleum-lime emulsifying suspensions for [illegible] ing the drying defects in ceramic products. M. I. K[illegible] rovich, A. P. Merkin. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6, 3-7 '59.

BRICKS—TESTING

Testing of silica bricks. M. Roitman, N. Zehk[illegible] [illegible] delo. 5 no. 12, 14-15 D '59.

BRIDGE CIRCUITS

Bridge for measurement of small capacitances at [illegible] frequencies. D. I. Zorin, A. M. Bordskii. Trudy VNIIM no. 38:40-44 '59.

Calculation of bridge rectifiers using germanium diodes P. A. Kokoshkin. Elektrosviaz' 13 no. 12:67-71 D '59.

Measuring bridge for quick rotating devices. G. T. P[illegible] golev, P. E. Suetin. Prib. i tekh eksp no 6:107-[illegible] N-D '59

Unsymmetrical half-balanced a.c. bridges. Z. I. Za[illegible] skii. Trudy VNIIM no. 38:30-39 '59.

BRIDGE CONSTRUCTION see subdivision under Mo[illegible]

BRIDGES see subdivision under Volga River

BRIDGES—FOUNDATIONS AND PIERS

Ar'ev, IU. A., and others. [Constructing large bridges with supports on pile rafts] Postroika bol'shogo mosta s oporami na svainykh rostverkakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 60 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)
[MICROFILM]

BRIDGES—WELDING

Bol'shakov, K. P., and others. [Investigating welded joints in metal and reinforced concrete bridges] Issledovaniia svarnykh soedinenii metallicheskikh i zhelezobetonnykh mostov. Moskva, Vses. izd ko [illegible] ob"edinenie m-va putei soobshcheniia, 1960. 352 p (Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy, no. 35)

BRIDGES, CONCRETE

Kalashnikov, N. A., and N. L. Filimonova. [Using combined stressed and reinforced concrete in building bridges] Primenenie kombinirovannogo napriazhenno-armirovannogo betona v mostakh. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 37 p.

Seregin, I. N., V. I. Anufriev, and F. M. Ivanov. [Injection into channels with stressed reinforcements] In[illegible] rovanie kanalov s napriazhennoi armaturoi. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp i shosseinykh dorog, 1960. 23 p.

BRIDGES, SUSPENSION

Distribution of the lateral wind pressure between cables and roadways of suspension bridges. P. V. Zol[illegible]. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 8:94-101 '59.

BRIQUETS

Briquetting presses. N. I. Naiguz. Biul. tekh.-ekon. inform. no. 11:18-21 '59.

BRIQUETS (FUEL)

(see also subdivision under Aleksandriya, Kirovograd Province)

Briquetting of anthracite culm with the addition of petroleum bitumen. G. Z. Zvenigorodskii, V. S. Kolom[illegible] Ugol' 34 no. 12:36-40 D '59.

Utilization of waste sludge from lignite briquet plants for the improvement of briquet quality. G. M. Volkov. U[illegible] 34 no. 12, 42-43 D '59.

BRITANISHSKII, VLADIMIR

First steps ("Neighbors in life" by Lev Kuklin; "[illegible]" by Vladimir Britanishskii. Reviewed by I. Aleksa[illegible] Moskva 3 no. 8:207-208 '59.

BRITISH COLUMBIA—ECONOMIC POLICY

Developing new regions in industrially developed capitalist countries, using the example of the Canadian Far West L. N. Karpov Izv. AN SSSR. Ser geog. no 2 42-51 Mr-Ap '60.

BRITISH COLUMBIA—NATURAL RESOURCES

Developing new regions in industrially developed capitalist countries, using the example of the Canadian Far West L. N. Karpov. Izv. AN SSSR. Ser geog. no 2 42-51 Mr-Ap '60

KARL PAVLOVICH, 1799-1852

History of K. P. Briullov's picture "The siege of Pskov." E. Gavrilova. Iskusstvo 22 no. 7:72-74 '59.

BRNO, CZECHOSLOVAKIA—EXHIBITIONS

International exhibition in Brno. V. Skorobohatov. Nauka i zhyttia 9 no. 12:57-59 D '59.

BROMIDES

Fusibility diagram for a system consisting of sodium and potassium sulfates and bromides. R. N. Nimkovskaia. Zhur. neorg. khim. 4 no. 11:2591-2595 N '59.

BROMINE—ANALYSIS

Determination of small amounts of iodine and bromine [in Georgian with summary in Russian]. S. G. Kananadze. Trudy Inst. khim. AN Gruz. SSR 14:121-137 '59.

BROMINE—PHYSIOLOGICAL EFFECT

Paradoxical nature of the effect of bromine and caffeine on voluntary motor reactions [with summary in English]. M. F. Ponomarev. Fiziol. zhur. 45 no. 12:1430-1437 D '59.

BRONCHI

Nomenclature of the bronchi and trachea [with summary in French]. A. N. Voznesenskii. Probl. tub. 37 no. 8: 29-36 '59.

BRONCHI—EXAMINATION

Anesthesia of the upper respiratory tract in bronchography, bronchoscopy, and intratracheal administration of antibiotics [with summary in English]. V. I. Semenov. Sov. med. 23 no. 12:104-108 D '59.

BRONCHI—FOREIGN BODIES

Removal of foreign body (bullet) from the segmental bronchus by means of dissection of the latter. L. V. Supron. Nov. khir. zhur. no. 6:91-92 N D '59

BRONCHI—RADIOGRAPHY

Directed segmental bronchography under pressure [with summary in French]. N. D. Shifurin. Probl. tub. 37 no. 7 37-40 '59.

BRONZE—ANALYSIS

Kashkai, M. A., and I. R. Selimkhanov. [Analyzing metal articles of ancient Mingechaur dating to the era of developed bronze] Issledovanie metallicheskikh izdelii drevnego Mingechaura epokhi razvitoi bronzy. Baku, Izd-vo Azerbaidzhanskogo univ., 1959. 45 p.

BRONZE AGE see subdivision under Mingechaur, Tomi Valley

BRONZES

Native motifs in decorative bronze. N. R. Levinson. Pam. kul't. no. 20:7-50 '58.

Realistic trend in decorative bronze. L. N. Goncharova. Pam. kul't. no. 20:51-87 '58

BROVARY DISTRICT—ROE DEER

The foundling. S. Parkhov. Ukraina no. 2 32 Ja '60

BROWN, JOHN, 1800-1859

He gave his life for freedom. Sem'ia i shkola 14 no. 12: 27 D '59.

BRUCELLOSIS

Case of brucellar serohemorrhagic synovitis of the knee joint [with English summary in appendix]. A. A. Bella kov. Ortop., travm. i protez. 20 no. 11:80 81 N '59.

Changes in hearing and the vestibular function in brucellosis [with summary in English]. IU. P. Tolstov. Vest. otorin. 21 no. 6:24 29 N-D '59.

Experimental study of Dermacentor marginatus ticks as possible vectors of Brucella bovis. A. A. Volkova and others. Trudy Inst. zool. i paraz. AN Kir. SSR no. 7: 161-172 '59

Kotliarova, Kh. S., ed. [Brucellosis] Brutsellez. Leningrad, Medgiz, 1947. 231 p.
(MnU)

Significance of the determination of pyruvic acid in the blood in brucellosis. B. N. Abrakhanova. Azerb. med. zhur. no. 12:41-44 D '59.

Some problems in the rational use of hormone preparations in the compound treatment of brucellosis. IU. N. Gurskii. Sov. med. 23 no. 12:72-80 D '59.

Treatment of brucellosis with combined antibiotics. K. D. Dzhalilov. Izv. AN Uz. SSR. Ser. med. no. 6:42-46 '59.

BRUDNYI, ABRAM L'VOVICH, 1896-1959

In memory of Professor Abram L'vovich Brudnyi. TS. A. Roginskaia. Vest. otorin. 21 no. 6:116-119 N-D '59.

BRUSHES, CARBON—MAINTENANCE AND REPAIR

Using copper plating for restoring brushholder dimensions. S. A. Pushkareva, N. A. Belysheva. Vest. TSNII MPS 19 no. 1:59-60 '60.

BRUSSELS—COLLEGE AND SCHOOL PERIODICALS

"Bruxelles estudiantin." S. Brabant. Vsem. stud. nov 13 no. 12:6 D '59

BRUSSELS—EXHIBITIONS

Moscow confectionery factories and the International Exhibition in Brussels. Khleb. i kond. prom. 2 no. 5 47 My '58.

Seven high prizes out of ten. N. Merkulov, E. Baronenkov. Maal. ugl. 0 no. 3:25-26 Mr '59.

Zakharchenko, V. D. [On the threshold of a great age] Na poroge velikogo veka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 271 p.

BRYANSK—AERONAUTICS

At the Stavropol and Bryansk airports. V. Gurinov. Kryl. rod. 10 no. 8:10 N '59.

BRYANSK—AUTOMOBILE INDUSTRY

In quest of the new. M. Puzyrevskii. Agitator no. 23:53 D '59.

BRYANSK—PACKING HOUSES—EQUIPMENT AND SUPPLIES

Financial aid by the Economic Council is necessary. A. Dolgov, M. Balamov. Mias ind. SSSR 30 no 2:17-18 '59

BRYANSK—RIFLE PRACTICE

Factory rifle club. M. Kol'tsov. Voen. znan. 36 no. 4: 32 Ap '60

BRYANSK PROVINCE—KNOTWEED

Polygonum sachalinense F. Schmidt as a new forage plant in Bryansk Province. V. A. Bogomaz. Trudy Bot inst. Ser. 6 no. 7:261-266 '59

BUBBLES

Expansion of gas bubbles in a highly viscous liquid. IA. N. Chernik. Zhur. tekh. fiz. 29 no. 10:1273-1276 O '59

Problem of determining the true level in the bubbling of steam through the water. L. S. Sterman, R. S. Lepilin. Teploenergetika 7 no. 1:45-47 Ja '60.

BUBENNOV, MIKHAIL SEMENOVICH, 1909-

"Eagle steppe" by Mikhail Bubennov. Reviewed by P. Vladov. Zvezda no. 1:214 Ja '60.

BUCHAREST REGION—LABOR REST HOMES

Plan for organizing a zone of rest in the suburbs of Bucharest. A. Budisteanu. Arkhit. SSSR no. 12:50-51 '59

BUCHENWALD (CONCENTRATION CAMP)

Eternal flame. Vladimir Kuznetsov. Nov. vrem. 18 no. 19:26-29 My '60.

BUCKTHORN see subdivision under Volga Valley

BUCKWHEAT

Buckwheat groats. L. V. Chernikova. Zdorov'e 6 no. 1:30 Ja '60

Don't forget that buckwheat gives us groats, honey, and valuable feed! I. Elagin. Nauka i pered. op. v sel'khoz. 9 no. 12:68-70 D '59.

BUDDING

Studying biological properties of apple trees obtained from heterogeneous tissues. E. S. Chernenko. Dokl. AN SSSR 132 no. 2:474-477 My '60.

BUDENNYI, SEMEN MIKHAILOVICH, 1883-

Budennyi, S. M. [Indissoluble union] Nerushimyi soiuz. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 134 p. (Massovaia biblioteka rabochego)

BUDGET

(see also subdivision under Daghestan; Iran)

Law on the state budget of the U. S. S. R. M. Plakotin. Sov. gosud. i pravo. no. 12:16-22 D '59.

Managers of regional finance departments speak; review of correspondence received by the editors. Fin. SSSR 21 no. 4:57-59 Ap '60.

National budget of the U. S. S. R. for 1959. P. L. Kovanl-kovskii. Vest. Inst. po izuch. SSSR no. 3:28-43 Jl-S '59.

BUDS

Comparative study on the morphogenesis of reproductive buds of the almond as related to the time of flowering of the different varieties. A. V. Strochkova. Uch. zap. MGZPI 2:71-74 '59.

BUG VALLEY—SERPENTINITE

Serpentinites in the central Bug Valley. IU. S. Lebediev. Nauk. zap. Kyiv. un. 16 no. 14:163-169 '57.

BUGUL'MA REGION (TATAR A. S. S. R.)—OIL WELLS—HYDRAULIC FRACTURING

Hydraulic fracturing of strata in the Oil Field Administration of the Bugul'ma Petroleum Trust. N. S. Gorokhov, M. G. Bykov. Neftianik 3 no. 8:10-13 Ag '58.

BUGURUSLAN—RADIO CLUBS

Area of 80,000 square kilometers. V. Shtraus. Radio no. 12:8-9 D '59.

BUILDING

(see also subdivision under China; Moscow; Murmansk Province; Rostov-on-Don; Ukraine)

All Union Conference on Power Engineering Construction. G. D. Petrov. Mekh. stroi. 16 no. 12:3 of cover D '59.

Do you know that... Sel'. stroi. 14 no. 12:31 D '59.

Information. Sel'. stroi. 14 no. 12:30 D '59.

Leningrad. Sovet narodnogo khoziaistva. [Building materials and construction; collection of technical instructions] Stroimaterialy i stroitel'stvo, informatsionno-tekhnicheskii sbornik. Leningrad, TSentral'noe biuro tekhn. informatsii, 1959. 60 p.

Naimark, I. L. [Housing construction; handbook for people building their own houses] Individual'noe zhilishchnoe stroitel'stvo; posobie dlia zastroishchikov. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 269 p.

Readers' letters. Sel'. stroi. 14 no. 12:29 D '59.

Shore construction work in 1960 for inland water transportation use. Rech. transp. 18 no. 12:1-2 D '59.

Unusual method. P. Zakharov. Grazhd av. 16 no 12, 22-23 D '59

Verizhnikov, S. M. [Leningrad housing construction combines] Leningradskie domostroitel'nye kombinaty. [Leningrad] Gosstroizdat, 1959. 148 p.
[MICROFILM]

BUILDING—ACCIDENTS

The accident could have been avoided. A. F. Gnevel. Prom. stroi. 37 no. 12:54 D '59.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

Electric heating of concrete and soil. A. Gavletynol'kyi. Sil'. bud. 9 no. 11:19-20 N '59.

BUILDING—CONTRACTS AND SPECIFICATIONS

Labor agreements and building contracts on collective farms. V. P. Kel'der. Izv. vys. ucheb. zav.; prav. 3 no. 3:72-81 '59

BUILDING—ESTIMATES

Recalculating estimates according to working drawings for the assembling of the equipment. Ekon. stroi. no. 12:64 D '59.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Changes and additions to be introduced in "Unified standards and estimates for building and assembling operations" (ENIR) published in 1955-1958 for buildings of the first group] Izmeneniia i dopolneniia, podlezhashchie vneseniiu v "Edinye normy i rastsenki na stroitel'nye i montazhnye raboty" (ENIR) izdaniia 1955-1958 gg. dlia stroek pervoi gruppy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 4, 1959. 23 p.

BUILDING—HANDBOOKS, MANUALS, ETC.

Let's supply instructions and regulations to designers and builders. R. Romanov. Ekon. stroi. no. 12:75 D '59.

BUILDING—PERIODICALS

Readers' comments. Zhil. stroi. no. 11 13 '59

BUILDING—PRICES see subdivision under Ukraine

BUILDING—TECHNOLOGICAL INNOVATIONS

White Russia. Ministerstvo stroitel'stva. [Suggestions for greater efficiency made by White Russian builders] Ratsionalizatorskie predlozheniia stroitelei Belorussii. Minsk, Gos. izd-vo BSSR, 1959. 142 p.

BUILDING—TOOLS AND IMPLEMENTS

Barmash, V. N., D. I. Levin, and V. Z. Freidberg. [Portable for assembling and finishing operations] Ruchnye mashiny dlia montazhnykh i otdelochnykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 264 p.

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING, IRON AND STEEL

Elastic-plastic performance of steel elements subjected to composite loads. V. A. Baldin, V. I. Trofimov. Stroit. mekh. i rasch. soor. 1 no. 6:19-23 '59.

Performance of riveted construction elements after being reinforced. IU. N. Khromets. Prom. stroi. 37 no. 12: 46-49 D '59.

BUILDING, UNDERGROUND see Underground construction

BUILDING, WOODEN

Pavlov, A. P. [Wooden construction elements and structures] Derevianye konstruktsii i sooruzheniia. Izd. 2., perer. Moskva, Gosleshumizdat, 1959. 444 p.

BUILDING BLOCKS

(see also subdivision under Leningrad)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Album-catalog of designs of units, shops, and construction yards for making large brick blocks] Al'bom-katalog proektov ustanovok, tsekhov i poligonov po izgotovleniiu krupnykh kirpichnykh blokov. Moskva, Gosstroiizdat, 1960. 35 p.

Bearing capacity of vibrated brick panels. S. A. Semen-tsov. Stroit mekh i rasch. soor. 1 no. 6:9-13 '59.

BUILDING BLOCKS (Continued)

Coarse porous silicate-concrete for large-block and panel construction [with summary in English, p 83] T. T Trotsko Visnyk ABIA URSR no 4 45-49 '59.

Introduce vibrated brick panels in mass construction G. Kuznetsov Arkhit SSSR no 12 3-10 '59

Strength of vibrated brick panels I Lagun Zhil stroi no 11 7-9 '59

Using the method of vibration in making brick panels. S Deviatkin, I Lagun Stroi i arkhit 7 no 12:20-21 D '59

Using Ukrainian tripoli earth as raw material in making lightweight wall ceramics [with summary in English, p 83] K V. Dazhuk Visnyk ABIA URSR no 4 50-53 '59

BUILDING BLOCKS—TESTING

Testing the strength and deformability of vibrated brick panels I. I. Lagun Stroi mekh i rasch soor 1 no 6 14-19 '59

Testing the strength and strain capacity of large brick blocks. M. I. Karakurchi. Nov. v stroi. tekh. no 13: 136-153 '59.

BUILDING LAWS

Legal regulations on farm buildings. I Pozubenko. Sots. zakon 36 no 12 34-36 D '59

BUILDING MACHINERY

(see also subdivision under Mogilev)

Expand the use of machinery in rural construction. V. K. Rostotskii Mekh. stroi. 17 no.1 4-9 Ja '60.

Expansion of mechanization in the construction industry in 1960. Mekh. stroi 16 no.12 1-3 D '59.

Mechanized fueling and lubricating of building machinery. I. N. Ioramashvili. Mekh. stroi 17 no.1 25-27 Ja '60.

Striving for technical progress in construction. Mekh. stroi. 17 no 1:1-3 Ja '60.

BUILDING MACHINERY—MAINTENANCE AND REPAIR

Repairing parts of building machinery using epoxide pastes. V. D. Shevchenko. Mekh. stroi. 17 no.1:29-30 Ja '60

BUILDING MATERIALS

Building material made of "clay cord." M. Feigin. Sel'. stroi 14 no.12:20-21 D '59.

"Glass-porcelain." Nauka i zhizn' 26 no.12:66 D '59.

Leningrad. Sovet narodnogo khoziaistva. [Building materials and construction; collection of technical instructions] Stroimaterialy i stroitel'stvo, informatsionno-tekhnicheskii sbornik Leningrad, TSentral'noe biuro tekhn. informatsii, 1959. 69 p.

Orazymbetov, N. O., V. V. Makhonin, and N. L. Lukmanov. [Handbook on local building materials and their use] Spravochnik po mestnym stroitel'nym materialam i ikh primenenie Pod red. F. Kh. Takezhanova. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 510 p.

Prefabricated silicalcite houses. D. Shipil'. Stroi. i arkhit 7 no 12:22-23 D '59

Rakov, A. V. [Apartment houses built of silicalcite blocks, practices of the Kirov Plant in Leningrad] Zhilye doma iz silikal'tsita; opyt Kirovskogo zavoda v g. Leningrade Leningrad. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 4) Pt. 2. 1959. 7 p.

Rossinskii, E. E. [Lightweight building and mineral wool made of slags from the copper-nickel industry] Legkovesnyi tekhnicheskii kamen' i mineral'naia vata iz shlakov medno-nikelevoi promyshlennosti. Moskva, TSentr. in-t informatsii tsvetnoi metallurgii, 1959. 41 p.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po montazhu tekhnologicheskogo oborudovaniia i proizvodstvu montazhnykh rabot. [Anticorrosive coatings for construction elements and apparatus, handbook] Antikorrozilnye pokrytiia stroitel'nykh konstruktsii i apparatury; spravochnoe posobie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959 266 p.

BUILDING MATERIALS—BIBLIOGRAPHY see Bibliography—Building materials

BUILDING MATERIALS—PRICES

Unified planned rated prices. A. V. Kochnev, A. A. Krakovich. Biul. tekh. inform. po stroi. 5 no. 12.13-14 '59.

BUILDING MATERIALS—STORAGE

Storing inert building materials in Housing Construction Combines. Biul. tekh inform. po stroi. 5 no. 12 24 '59.

BUILDING MATERIALS—TESTING

Mobile electronic acoustical and radiometric laboratory. A. S. Durasov and others. Biul. tekh. inform. po stroi. 5 no 11 14-16 N '59.

Portable instrument for the nondestructive determination of the strength of building materials. A. N. Meshman. Zav. lab. no. 11:1393-1394 '59

BUILDING MATERIALS INDUSTRY

(see also subdivision under Kishinev; Krivoy Rog Basin; Kuybyshev, Tatar A. S. S. R.)

Effect of geographical conditions on the organization of the construction industry and its supply bases. A. S. Vaintsvaig. Prom. stroi. 37 no. 12:13-15 D '59.

Floating silicalcite plant. V. K. Golovko. Rech. transp. 18 no.12:43 D '59.

Improving technical standards in constructing building materials enterprises. V. A. Kolenkov. Prom stroi. 37 no. 12:2-4 D '59.

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES

Expansion of mechanization in the construction industry in 1960. Mekh. stroi. 16 no.12:1-3 D '59.

BUILDING STONES

Rapid (field) determination of the type of stone by the use of a ball hammer E V Shleier Zav lab. no 11:1392-1393 '59

BUILDING TRADES—STUDY AND TEACHING

(see also subdivision under Barnaul)

Improve standards of training in schools for master builders. I. Pishchulin. Sel'stroi. 14 no.12 25 D '59.

BUILDINGS, DAMPNESS IN see Dampness in buildings

BUILDINGS, PORTABLE

A home delivered on wheels. M. Tolmachov. Moskva 3 no 8:222 '59

BUILDINGS, PREFABRICATED

Using hardboard for making structural elements and parts of panel built houses. V. M. Vasil'eva. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2.195-198 '59.

BUKHARA—GUIDEBOOKS

Ashurov, IA. S., and others, comps. [Bukhara; concise guidebook] Bukhara, kratkii spravochnik. Izd. 2., ispr. i dop. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1958. 98 p.

BUKHARA—HISTORY

Preliminary conclusions on Emir Khaidar's letters. M. A. Abduraimov. Izv. AN Uz SSR. Ser obshchestv nauk. no. 6 23-30 '59.

BUKOVINA—AIRPLANE AMBULANCES

First aid M Donigevich Grazhd av. 16 no 12 10-11 D '59

BUKOVINA—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

The site of the ancient Russian town of Lenkovtsy B A. Timoshchuk Sov arkheol no 4 250-257 '59

BUKREEV, BORIS IAKOVLEVICH, 1859-

Boris IAkovlevich Bukreev; on his 100th birthday. V. P. Belousova and others. Usp. mat. nauk 14 no. 5:191-195 S-O '59.

Boris IAkovlevich Bukreev, on the hundredth anniversary of his birth V P Belousova, I. G Il'in Ukr. mat zhur 11 no 3 312-314 '59

BULBS see subdivision under Leningrad

BULGARIA—ACCOUNTING

Development of accounting in the People's Republic of Bulgaria during 15 years. V. Nankov. Bukhg. uchet 16 no. 11:53-59 N '59.

BULGARIA—AGRICULTURE, COOPERATIVE—ACCOUNTING

Organization of accounting in our cooperative. Atanas TSvetkov. Uchet i fin. v kolkh i sovkhoz 17 no. 2:56-61 F '60.

BULGARIA—COAL MINES AND MINING

Letter from a friend. Iordan Georgiev. Mast. ugl. 8 no.12:16 D '59.

BULGARIA—DEAF—EDUCATION

Everybody will get an education. V. Ivanov. Zhizn' glukh. 12 no. 12:22 D '59.

BULGARIA—DESCRIPTION AND TRAVEL

David'iants, A. A. [With Bulgarian friends] U bolgarskikh druzei. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 101 p.

In people's Bulgaria. IA. P. Prylypko. Nar. tvorch. ta etn. 3 no. 3:90-97 Jl-S '59.

BULGARIA—ECONOMIC CONDITIONS

Rapid development of the Bulgarian national economy. V. Kashirin. Mosk. prop. 16 no. 12:37-41 D '59.

BULGARIA—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Young builders of Bulgaria A. Farkhi. Tekh. mol. 27 no. 12:12-13 '59.

BULGARIA—ETHNOLOGY

In people's Bulgaria. IA. P. Prylypko. Nar. tvorch. ta etn. 3 no. 3:90-97 Jl-S '59.

BULGARIA—EVENING AND CONTINUATION SCHOOLS

Control and evaluation of knowledge in evening technical schools. Spas. Stankulov. Sred. spets. obr. 6 no.11: 63-64 N '59.

BULGARIA—FISHERIES

Utilization of reservoirs for commercial fishing in Bulgaria. V. M. Naumov. Ryb. khoz. 35 no. 10:80-82 O '59

BULGARIA—IRON INDUSTRY

Ferrous metallurgy in Bulgaria. Zh. I. Nikolaenko. [illegible] tekh. -ekon. inform. no. 11:76-77 '59.

BULGARIA—LABOR AND LABORING CLASSES

Kodzheikov, Dragoi, Veselin Khadzhinikolov, and IAroslav Iotsov. [Labor and trade union movement in Bulgaria. Translated from Bulgarian] Rabochee i profsoiuznoe dvizhenie v Bolgarii. Pod red. M. Pozolotina. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 310 p.

BULGARIA—LEGISLATIVE BODIES

Jurisdiction of the Presidium of the National Assembly of the People's Republic of Bulgaria. V. M Safronov Vest. Mosk. un. Ser. ekon., filos., prava 14 no.4 173-191 '59.

BULGARIA—MEDICAL JURISPRUDENCE

Legal medicine in the People's Republic of Bulgaria V. I Prozorovskii Sud -med ekspert 2 no 1 32 37 Ja-Mr '59

BULGARIA—MOTION-PICTURE PLAYS

New works of Bulgarian motion-picture employees Al. Tikhov. Isk. kino no. 11 144-146 N '59.

BULGARIA—ORTHODOX EASTERN CHURCH—CLERGY

Death of Iona, Bishop of Agafonikiia (Bulgarian Orthodox Church), obituary. Zhur. Mosk Patr no. 3 [illegible] M '60.

Defense of a dissertation. Zhur. Mosk. Patr. no 3 [illegible] Mr '60.

BULGARIA—ORTHODOX EASTERN CHURCH—PERIODICALS

Review of "Dukhovna Kultura," journal of the Bulgarian Orthodox Church, no. 11, November 1959. Zhur M k Patr no. 3:70-72 Mr '60

BULGARIA—PARACHUTING

Difficult victory. D. Zhornik. Kryl. rod. 10 no [illegible] N '59.

BULGARIA—PHILOSOPHY

Philosophical ideas of Lenin in Bulgaria. Svetoslav Slavkov. Vop. filos. 14 no. 4:119-121 '60.

BULGARIA—POLITICS AND GOVERNMENT

Jurisdiction of the Presidium of the National Assembly of the People's Republic of Bulgaria. V. M. Safronov Vest. Mosk. un. Ser. ekon., filos., prava 14 no 4, 173-191 '59.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Let us compete, friends! Sov kras. krest 9 no [illegible] N-D '59.

BULGARIA—SOCCER

Welcome friends! IU. Van'iat. Sp. igry 5 no.12 [illegible] '59.

BULGARIA—SOILS

Amount of general and active $CaCO_3$ in main soil types of northern Bulgaria and its significance in [illegible] M. D. Penkov, P. P. Paraskevov. Dokl Akad [illegible] 24 no. 12:25-28 '59.

BULGARIA—STEEL INDUSTRY

Ferrous metallurgy in Bulgaria. Zh. I. Nikolaenko [illegible] tekh. -ekon. inform. no. 11:76-77 '59.

BULGARIA—TEACHERS, TRAINING OF

Education in Bulgaria under the people's democracy. [illegible] Pir'ov. Sov. pedag. 23 no. 12:71-80 D '59.

BULGARIA—TRADE UNIONS

Kodzheikov, Dragoi, Veselin Khadzhinikolov, and IAroslav Iotsov. [Labor and trade union movement in Bulgaria. Translated from Bulgarian] Rabochee i profsoiuznoe dvizhenie v Bolgarii. Pod red. M. Pozolotina. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 310 p.

BULGARIA—VEGETABLE GARDENING

Vegetable growing in hotbeds. Dobra Popova. Sad i og 97 no. 11:65-67 N '59.

BULGARIAN LANGUAGE—DICTIONARIES—RUSSIAN

Iotov, M. I., and N. N. Ponomareva, comps. [Concise Bulgarian-Russian dictionary] Kratkii bolgarsko-russkii slovar'. Okolo 29 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 592 p.

BULKHEADS (NAVAL ARCHITECTURE)

Nomograms for the determination of geometrical characteristics of transverse sections of box-type and [illegible] bulkhead corrugations. A. L. Vasil'ev. Trudy LKI no. 16:87-95 '55.

Standardization of light partition elements. G. G. [illegible] V. M. Batagov. Sudostroenie 25 no.12:47-48 D '59

BULLDOZERS

Builders need bulldozer-mounted loaders. A. A. Vasil'ev. Mekh. stroi 16 no.12 16-23 D '59.

Universal bulldozer for mountain farming V Ivanov. Tekh v sel'khoz 20 no 1-71-72 Ja '60

Using bulldozers for manure loading. P. P. Vynokurov. Mekh sil' hosp. 11 no. 1:15 Ja '60.

BUNIN, IVAN ALEKSEEVICH, 1870-1953

Development of realist methods in Bunin's prose. I. D. Bazhynov. Rad. lit. no 6:65-85 N-D '59.

BUR'IAN, BORIS

New voice ("Your tale" and "At a blue bay", tales by Boris Bur'ian Reviewed by Taras Khadkevich). Belarus' 16 no 11 30-31 N '59.

BURIAT-MONGOLIA see Buryat-Mongolia

BURMA—DESCRIPTION AND TRAVEL

In the "golden land " H Klymko Ukraina no 24 20-21 D '59

BURMA—ECONOMIC CONDITIONS

In the "golden land." H. Klymko Ukraina no 24·20-21 D '59

BURMA—POLITICS AND GOVERNMENT

Burma after the elections, I. Ermakov. Sovr. Vost. no. 4: 57 Ap '60

BURNAK VALLEY—CORALS, FOSSIL

Plicatomurus gen. nov. (Favositidae) from upper Silurian deposits of central Kazakhstan. Chang Chao-ch'eng. Paleont zhur no. 3:27-32 '59.

BURNS AND SCALDS

Free skin grafting in the treatment of third degree burns [with English summary in appendix] M V. Kolokol'tsev Ortop., travm. i protez. 20 no. 11.15-19 N '59.

Plastic surgery using an enlarged skin flap in the treatment of extensive wounds caused by burns, some data from modern foreign literature [with English summary in appendix]. N. I. Butikova. Ortop., travm. i protez. 20 no. 11 88-92 N '59.

Prevention of adhesions in eye burns [with summary in English]. B. S Brodskii Oft. zhur 14 no 6:337-343 '59

Problems in early free skin grafting in the treatment of third degree burns [with English summary in appendix]. L. N Sokolov Ortop., travm. i protez. 20 no. 11:19-23 N '59.

Six years' experience in using parietal preserved peritoneum of cattle in the treatment of thermal burns. P. P. Khokhlov, A. D Shiliaeva Ortop., travm. i protez. 20 no. 4:39-41 Ap '59.

BURSITIS

(see also subdivision under Karaganda)

Pathogenesis, treatment, and prevention of traumatic chronic bursitis among miners. D. L TSirlina, IA. E. Lamm Gig truda i prof. zab 3 no. 6·33-37 N-D '59

BURYAT-MONGOLIA—AGRICULTURAL POLICY

Soviet Buryat agricultural transfromation before the establishment of the collective farm system. N. R. Mangutov. Ist. SSSR 3 no. 6:30-39 N-D '59.

BURYAT-MONGOLIA—HISTORY

Session of the Buryat Consolidate Research Institute of the Siberian Branch of the Academy of Sciences of the U.S.S.R. devoted to the 300th anniversary of the voluntary incorporation of the Buryat lands into the Russian empire. G. A. Sanzhiev. Izv. Sib. otd. AN SSSR no. 11:102-103 '59.

BURYAT-MONGOLIA—PUBLIC PROSECUTORS

Re your letter no. 3/10. N. Slonov. Sots. zakon. 30 no. 12·61 D '59.

BURYAT-MONGOLIA—VOLCANOES

All is quiet in the crater. V. Gippenreiter. Vokrug sveta no. 1·31-32 Ja '60.

BUSINESS—FORMS, BLANKS, ETC.

Frame for composing tables. G. N. Ignatova, Z. S Khripushina Poligr. proizv. no. 12, 11-12 D '59.

BUSINESS CORRESPONDENCE see Commercial correspondence

BUSINESS CYCLES

Mendel'son, L. A. [Theory and history of economic crisis and cycles] Teoriia i istoriia ekonomicheskikh krizisov i tsiklov. Izd. 2., perer. i dop. knigi "Ekonomicheskikh krizisy i tsikly XIX veka." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 766 p.

BUTADIENE

Cis- and trans-1-halobutadienes and their relation to the diene synthesis A S. Onishchenko, N. I. Aronova. Dokl. AN SSSR 132 no 1:138-140 My '60.

Comparison of the properties of highly elastic synthetic rubbers with those of butadiene - styrene rubbers. F. I. IAshunskaia, G. A. Markovich. Kauch. i rez. 18 no. 11: 1-7 N '59.

Diene condensation of unsaturated compounds containing a trichloromethyl or trichlorovinyl group. R. Kh. Freidlina, F. K. Velichko, A. B. Beliavskii. Izv. AN SSSR Otd. khim. nauk. no. 3:452-456 '60.

Main factors determining the type of butadiene-styrene latex for the cord impregnation. A. B. Pelzner and others. Kauch. i rez. 18 no. 12:10-14 D '59.

Reactions of azodicarboxylic ester with gem-dialkylbutadienes. R. IA. Levina, IU. S. Shabarov, M. G. Kuz'min. Dokl. AN SSSR 131 no. 5:1080-1083 Ap '60

BUTANE

Dehydrogenation of isopentane and isopentenes to form isoprene. IU. G. Mamedaliev and others. Trudy Inst. khim. AN Azerb. SSR 17:123-130 '59.

Dehydroisomerization of n-butane on mixed chromium catalysts. L. A. Buvalkina, G. V. Pavlov, D. V. Sokol'skii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6· 930-937 '59.

Method for preparing 1, 4-dichlorobutane from tetrahydrofuran. V. I. Lutkova, N. I. Kutsenko. Zhur. prikl. khim. 32 no. 12:2823-2824 D '59.

BUTANEDIOL

Electrofluorination of some dibasic carboxylic acids and the preparation of 2, 2, 3, 3-tetrafluorobutane-1, 4-diol. M. A Okatov. Khim. nauka i prom. 4 no. 5:675-676 '59

BUTENE

Dehydrogenation of isopentane and isopentenes to form isoprene. IU. G. Mamedaliev and others. Trudy Inst. khim. AN Azerb. SSR 17:123-130 '59.

Synthesizing branched olefins via the alkylation of tertiary butyl chloride by β-butylene. M. M. Ketslakh, D. M. Rudkovskii, F. A Eppel'. Zhur. prikl. khim. 32 no. 8 1811-1816 Ag '59.

BUTTER see subdivision under White Russia

BUTTER, ARTIFICIAL see Oleomargarine

BUTTERFAT

How heat application to the scrotum of cows and the injection of pituitrin affect the conditioned-reflex butterfat increase in milk. S. IU. IAroslav and others. Dop. VASHN 2 no. 6,30-41 N-D '59

Investigating the kinetics of the crystallization of butterfat triglycerides in cream. A. D. Grishchenko. Izv. vys. ucheb zav.; pishch. tekh no. 5:66-73 '59.

BUTTERFLIES see subdivision under Gissar Range

BUTTOCKS—SURGERY

Free dermatoplasty of the gluteal region under septic conditions following severe pelvic injury [with English summary in appendix]. L. IA. TSiv'ian. Ortop., travm. i protez. 20 no. 11:70-80 N '59.

BUTYL PHOSPHATE

Chromatographic separation of rare earths with the aid of tributyl phosphate. L. E. Martynenko, G. K. Eremin, A. I. Kamenev. Zhur. neorg. khim. 4 no. 11:2639 N '59.

Effect of sulfate ions on the distribution coefficient of macroamounts of thorium in the extraction with tributyl phosphate. E. P. Maiorova, V. V. Fomin. Zhur. neorg. khim. 4 no. 11:2511-2514 N '59.

Extraction of plutonium (IV) perchlorate with tri-n-butyl phosphate. A. S. Solovkin, A. I. Ivantsov, E. V. Renard. Zhur. neorg. khim. 4 no. 12:2026-2027 D '59.

Interaction between nitric acid and tributyl phosphate. Z. A. Shoka, E. E. Kriss. Zhur. neorg. khim. 4 no. 11: 2505-2510 N '59.

BUTYNE

Optical study of butynediol, its diacetate, and 1, 4-dichlorobutyne. M. I. Batuev, A. A. Akhrem, A. D. Matveeva. Izv. AN SSSR Otd. khim. nauk. no. 3:556-558 '60.

Reaction between 1-phenyl-3-methyl-3, 4-epoxy-1-butyne and diethylamine. T. Homota. Zhur. ob. khim. 30 no. 4: 1100-1103 Ap '60.

BUTYNEDIOL

Optical study of butynediol, its diacetate, and 1, 4-dichlorobutyne. M. I. Batuev, A. A. Akhrem, A. D. Matveeva. Izv. AN SSSR Otd. khim. nauk. no. 3:556-558 '60.

BUTYNOL

Amino alcohols of the acetylene series. Part 1: Preparation of 1, 1-disubstituted 4-dialkylamino-2-butyn-1-ols. N. M. Libman, S. G. Kuznetsov. Zhur. ob. khim. 30 no. 4: 1197-1202 Ap '60.

Interaction between acetylenic carbinols and acetic acid in the presence of mercury acetate, and mechanism of formation of acetoxyketones. S. G. Matsoian, G. A. Chukhadzhian, S. A. Vartanian. Zhur. ob. khim. 30 no. 4: 1202-1207 Ap '59.

BUTYRIC ACID

Synthesis of analogs of certain natural compounds. B. V. Piskov. Zhur. ob. khim. 30 no. 4:1300-1305 Ap '60.

BUZACHI PENINSULA—ROCKS, SEDIMENTARY

Petrographic characteristics of Permian and Triassic deposits on the Buzachi Peninsula B. K Proshliakov, IU M Vasil'ev. Dokl. AN SSSR 132 no 1 188-191 My '60.

BUZOVNY REGION—OIL WELLS—HYDRAULIC FRACTURING

Hydraulic fracturing of strata in the Oil Field Administration of the Buzovny Petroleum Trust D. I. Ismail-zade, S. S Oganov Azerb. neft khoz 37 no 6:29-32 Je '59.

BUZULUK VALLEY—PINE—DISEASES AND PESTS

Biology and control of Lyda stellata in Buzuluk pine forests. A. I. Vorontsov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2,69-73 '59.

BWR see Boiling water reactors

BYSTRINSKIY DISTRICT—LAMUTS

The Event of the Bystrinskiy District, Kamchatka Province. I. S. Gurvich. Krat. soob. Inst. etn. no. 32: 101-110 '59.

BYSTRITSA—EXCAVATIONS (ARCHAEOLOGY)

"Izvoare" [in Rumanian] by Radu Vulpe Reviewed by T S Passek, E. A Rikman Sov arkheol no 4 262-269 '59

BYTANTAY VALLEY—GEOLOGY, STRATIGRAPHIC

Preliminary results of a stratigraphic study of upper Paleozoic deposits in the northern part of the western Verkhoyansk region. L. A. Musalitin. Sbor. st. po paleont. i biostrat. no. 12:3-15 '58.

CABBAGE

Effect of growing conditions on the root system of cabbage transplants. A G Vlasiuk Sad i og 97 no 12 16-19 D '59

CABLE RAILROADS see Railroads, Cable

CABLES

Dispersion of energy in steel cables with an asymmetrical cycle of stress [with summary in English]. I. E. Debrivnyi. Dop. AN URSR no. 11·1197-1201 '59.

Lubricant for steel cables. T. I. Pyltseva, E. P. Dobrobozhenko. Proizv. smaz. mat. no. 5·13-20 '59.

Resistance of a cable towed behind the ship. V. I. Efremychev, S. R. Skvortsov. Trudy NIIGMP no. 6:30-54 '59.

Sheathing steel cables using metal tubes. A. T. Migukin. Biul. tekh. inform. po stroi. 5 no. 12:17-18 '59.

CABLES, ELECTRIC see Electric cables

CABLEWAYS

Miniature ski tow A Malelnov, IU. Anisimov. Fizk. i sport 39 no 11,25 N '59

CACTUS

Malacocarpus erithmifolius (Retz.) C. A. M., a new berry plant. R. M. Murzova. Trudy Bot. inst. Ser. 6 no. 7: 144-146 '59.

CADAVERS

Use of refrigeration in legal medicine for the preservation of cadavers A S Obyrnov. Sud -med ekspert 2 no 1·57-58 Ja-Mr '59.

CADMIUM

Coprecipitation of small amounts of cadmium with certain metal hydroxides. V I. Plotnikov. Zhur. neorg. khim. 4 no. 12:2776-2779 D '59.

Electrical transfer in Cd and Zn. P. P. Kuz'menko, IU. I Khar'kov. Ukr. fiz. zhur. 4 no. 4·537-539 Jl-Ag '59.

Interaction in the ternary system $CdCl_2 + 2Tl \rightleftharpoons Tl_2Cl_2 + Cd$. A. P. Palkin, I. P. Paliura. Zhur. neorg. khim. 4 no. 11:2531-2535 N '59.

Viscosity and electrical conductivity of zinc and cadmium amalgams. Part 2 [with summary in English]. O. Z. Holik, I. F. Klassen. Ukr. fiz zhur. 4 no. 4:491-496 Jl-Ag '59.

CADMIUM CHLORIDE

Fusibility diagram for a system of cadmium, thallium, and sodium chlorides. A. K. Bostandzhiian, A. G. Bergman. Zhur. neorg. khim. 4 no. 11:2504-2506 N '59.

CADMIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Hypotensive action of cadmium chloride in experiments on dogs. I. Fatkhullaev. Izv. AN Uz. SSR. Ser. med. no. 6:25-27 '59.

CADMIUM COMPOUNDS

Structure of the products of addition of aromatic amines to cadmium halides. A. V. Ablov, T. I. Malinovskii. Dokl. AN SSSR 132 no. 2:336-338 My '60.

Study of the behavior of indium, zinc, and cadmium complex compounds in an ammonium carbonate solution, using ion-exchange resins. I. P. Alimarin, E. P. Tsintsevich, V. P. Burlaka. Zav. lab. no. 11:1287-1290 '59.

CADMIUM-COPPER-MERCURY ALLOYS see Copper-cadmium-mercury alloys

CADMIUM HALIDES

Structure of the products of addition of aromatic amines to cadmium halides. A. V. Ablov, T. I. Malinovskii. Dokl. AN SSSR 132 no. 2:336-338 My '60.

CADMIUM IN THE BODY

Use of trilon B for the determination of cadmium in biological material T. M. Moiseeva. Sud. -med. ekspert. 2 no. 1 28-32 Ja-Mr '59.

CADMIUM PLATING

Effect of certain organic compounds on the electrodeposition of cadmium [with summary in English] G A Emel'ianenko, E. IA. Baibarova, V. P Galushko Zhur fiz. khim. 33 no 12:2668-2673 D '59.

CADMIUM SULFATE

Physicochemical properties of α-and β-calcium sulfate semihydrates. IU. IA. Eiduk, A. IA. Vaivad, E. Zh. Freidenfel'd. Izv. vys. ucheb. zav.; khim. i khim. tekh 2 no. 6:920-925 '59.

Reactions of cadmium sulfate with ammonia in aqueous media. A. K Kirakosian. Zhur. neorg. khim. 4 no. 12 2779-2788 D '59.

CADMIUM SULFIDE—ELECTRIC PROPERTIES

Effect of the energy of excited electrons on induced conductivity in cadmium sulfide S M Ryvkin, B. M. Konovalenko. Fiz. tver tela 1 no. 11 1757-1761 N '59.

CAFFEINE

Paradoxical nature of the effect of bromine and caffeine on voluntary motor reactions [with summary in English]. M. F. Ponomarev. Fiziol. zhur. 45 no. 12:1430-1437 D '59.

CALCITE

Investigating stalactite and stalagmite formation. L. T. Dubrava, T. N. Savateeva. Sbor nauch. rab. stud. LGI no. 2,51-58 '57.

Studying twinning in calcite crystals with the aid of X-ray microbeams and etched figures. E. V Kolontsova, IU. G. Sorokina, I V Tolegina Kristallografiia 4 no 5:742-748 S-O '59.

CALCIUM—ANALYSIS

Use of sodium 2, 3-dimercaptopropanesulfonate ("unithiol") as a masking reagent in the complexometric determination of calcium and magnesium. L. A. Vol'f. Zav. lab. 25 no. 12 1438-1439 '59

CALCIUM CARBONATE

Amount of general and active $CaCO_3$ in main soil types of northern Bulgaria and its significance in viticulture M D. Penkov, P. P. Parashkevov. Dokl. Akad sel'khoz 24 no 12 25-28 '59

Conditions favoring the formation of crystalline calcium carbonate during the solidification of certain cements in air. B. I Nudel'man. Uzb khim zhur. no. 6:17-27 '59

CALCIUM CHLORIDE

Solubility of iron and calcium chlorides in trichlorosilane. D. A. Petrov, I. V. Vlasova, G. V. Zimina. Zhur. neorg. khim. 4 no. 11,2500-2501 N '59.

CALCIUM FLUORIDE

Fusibility diagram for a ternary system consisting of sodium, potassium, and calcium fluorides. G. A. Bukhalova, V. T. Berezhnaia. Zhur. neorg. khim. 4 no. 11,2596-2599 N '59.

CALCIUM HALIDES

Vapor pressure in the systems CaX_2 - HX - H_2O. L. S. Lilich, M. D. Anikieva. Zhur. neorg. khim. 4 no. 11: 2630-2634 N '59.

CALCIUM IN THE BODY

Simultaneous determination of iron and calcium in bone tissue. L. P. Pchelina. Lab. delo 6 no. 1:51-52 Ja-Fe '60.

CALCIUM METABOLISM

Quantitative evaluation of calcium metabolism in the enamel and dentine by microphotometry E. V. Borovskii Stomatologiia 38 no. 6:9-11 N-D '59.

CALCIUM MOLYBDATE

Studying processes of calcium molybdate precipitation from solutions containing sulfate-ions. Report no. 2. K. B. Lebedev. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1:56-64 '59.

CALCIUM MONOSILICATE

Adsorption properties of calcium monosilicate. T. V. Krmoian, G. I. Mikaelian. Trudy Inst. khim. AN Azerb. SSR 17:27-37 '59.

CALCIUM SULFATE

Differences in the time in which hydration is completed and the maximum strength of the crystal structure attained in semihydrated calcium sulfate suspensions. E. A. Amelina, E. E. Segalova, P. A. Rebinder. Dokl. AN SSSR 131 no. 5:1123-1125 Ap '60.

Solubility of salts in the system $CaSO_4$ - Na_2SO_4 - NaCl H_2O at 35° and 55°. I. N. Lepeshkov, Kh. B. Fradkina. Zhur. neorg. khim. 4 no. 12,2803-2811 D '59.

CULATING MACHINES

er for correcting the position of a telescope for efraction [with summary in English]. N. N. ion Izv. GAO 21 no. 3 149-152 '58.

se of calculating machines in river transpor- A. Makhlakh. Rech. transp. 18 no. 11:3-4 N

calculating machines. Bukhg. uchet 16 N '59.

CALCULI, BILIARY

Treatment of biliary calculi with ether. A. M. IAshkov. Zdrav. Turk. 3 no. 5:24-26 S-O '59.

CALCULI, SALIVARY

Clinical and radiographic picture of salivary calculus of the submaxillary salivary gland. V S. Kovalenko. Stomatologiia 38 no. 6:42-46 N-D '59.

CALCULI, URINARY see subdivision under Tajikistan

CALCULUS, DIFFERENTIAL

One asymptotic problem I IA Gofman. Izv vys. ucheb. zav., mat no 5 98-103 '59

CALCULUS OF TENSORS

Reactive power of a three-phase circuit in vector coordinates. D. P. Ledianikin. Sbor. nauch trud. IEI no. 8: 208-224 '58.

CALDERON, CELIA

Through the eyes of a Mexican woman. M. Kazarnovskii. Neva no 10:180-182 '59.

CALENDAR see subdivision under China

CALIBRATION

Graduating cylindrical surfaces. B. G. Plateiskii. Priborostroenie no. 12:22 D '59.

CALIBRATION—TESTING

Measuring minature scales. A. N. Koroleva, A. D. Zagatina. Trudy VNIIM no 37:53-68 '59.

CALIFORNIA—AUTOMATIC CONTROL

Centralized programed control in a plant (from "Power" no 10, 1958). Prom. energ. 15 no 1:56-57 Ja '60

CALKING

Mechanization of calking operations; Gunboat Repair Yard. A. Lutkov. Inform. sbor TSNIIMF no 26:85 '58

CALLISTHENICS

Exercise room in the library. E A. Lesman. Zdorov'e 6 no 1:23 Ja '60.

In glorious Magnitka. A Dan'shin. Fizk i sport 29 no 11 17 N '59

Let's make wide use of callisthenics in industry. S. Markov. Prom. koop. 13 no. 12:37 D '59.

On the job. . . R. K. Akchurin. Zdorov'e 5 no. 12:28-29 D '59.

On-the-job callisthenics. I. Duroiko. Zdrav. Belor. 5 no. 12:42 D '59

Rhythmic exercises at home. B. Sobinov. Sem'ia i shkola 15 no 1 40-43 Ja '60.

CALMA, N.

In step with time ("Rooks of Vernouil" [in French] by N. Calma. Reviewed by K. El'nitskaia). Sem'ia i shkola 13 no. 3:39-40 Mr '58.

CALORIMETERS

Universal electronic calorimeter [with summary in English]. E. V. Kudriavtsev, K. N. Chakalov. Inzh.-fiz. zhur. no. 1:3-9 Ja '60.

CALORIMETRY

Calculation of a calorimetric experiment with varying heat evolution side processes in the main and final periods of the run [with summary in English]. A. F. Vorob'ev Zhur. fiz khim. 33 no. 12:2802-2804 D '59.

CALVES—FEEDING AND FEEDS

Changes in the nitrogen content of blood and urine in calves caused by protein loads. V. I. Patrushev, IU. A. Paryshkin. Nauch. dokl. vys. shkoly; biol. nauki no. 2: 84-86 '60.

CAMELS, FOSSIL see subdivision under Yevpatoriya region

CAMERAS

A camera of the future. K. Ivanov Moskva 3 no. 9: 220-221 '59

CAMOMILE see subdivision under Ukraine

CAMPING

Korotkov, I. M. [Winter camps for Pioneers] Zimnii pionerskii lager'. [Moskva] Izd-vo TsK VLKSM, "Molodaia gvardiia," 1959. 125 p.

CAMPS

A tragic case in the village Khreshchatik. Sem'ia i shkola 14 no. 12:25-26 D '59.

CAMS

Profiling cams of gas-distribution mechanisms in internal combustion engines A. P. Stashkevich. Sbor. st. ChPI no 13:12-25 '59.

CANADA—LUMBER—DRYING

Using high-frequency current in drying wood. Biul. tekh. inform. po stroi. 5 no. 11:32 N '59.

CANADA—NAMES, GEOGRAPHICAL

Ukrainian names of Canadian settlements. Petro Kravchuk. Nar. tvorch. ta etn. 3 no. 3:97-102 Jl-S '59.

CANADA—UKRAINIANS

Progressive Canadian Ukrainians and the reunification of Ukrainian lands. P. I Kravchuk. Ukr ist zhur 3 no 6:67-76 N-D '59

Shlepakov, A. M. [Ukrainian labor emigration to the U.S.A. and Canada, the end of the 19th and the beginning of the 20th century] Ukrains'ka trudova emigratsiia v SShA i Kanadi, kinets' XIX-pochatok XX st. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 108 p.
(NN)

CANCER

Akademiia meditsinskikh nauk SSSR. Moscow. Institut eksperimental'noi biologii. [Immunological methods for the investigation of malignant neoplasms; works of a conference, December 10-12, 1958] Immunologicheskie metody issledovaniia zlokachestvennykh novoobrazovanii; trudy nauchnoi konferentsii, 10-12 dekabria 1958 g. Moskva, 1959. 243 p.
(DNLM)

Cancer resulting from cicatricial ulcer [with summary in English]. M. D. Podil'chak. Vest khir. 83 no. 11 [illegible] N '59.

Clinical significance of the indexes of the cholinesterase activity of the blood serum in tumor patients S I [illegible]khov, T. A Kodoshchuk, A A Stoliarchuk Vrach delo no 11 1153-1156 N '59

Electron microscopic investigation of Brown-Pearce tumor cells at early stages following ultrasonic treatment of high intensity. N P Dmitrieva Dokl AN SSSR 132 no. 1 210-212 My '60.

Role of the determination of the number of thrombocytes and the thrombocytic formula in the diagnosis of [illegible] O. A. Nikiforova Vrach delo no 11:1213 N '59

Some results of clinical tests of the new anticancer drugs ethimidin and embitol [with summary in English] I M Peisakhovich. Vrach. delo no 11 1129-11[illegible] N '59

Symposium on problems of drug and hormone therapy of malignant tumors. IA. M. Telengator, L. I Ko[illegible]. Vrach. delo no. 11:1215-1217 N '59.

CANCEROGENIC COMPOUNDS see Carcinogens

CANNED MEAT see Meat, Canned

CANNED MILK see Milk, Canned

CANNING AND PRESERVING see subdivision under Tiraspol'

CANNING INDUSTRY—COSTS

Inadequacies of the calculation in the canning industry [illegible] Gudkova. Mias. ind. SSSR 30 no. 2:34-35 '59

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic tester of the airtightness of filled food cans. V. Zhadan, V Shevelev. Mias. ind SSSR 30 no. [illegible] '59

CANNING INDUSTRY—PRODUCTION STANDARDS see subdivision under Astrakhan

CANOES AND CANOEING

Krasnopevtsev, G. M. [Techniques in canoeing; text for physical training groups (lessons for beginners)] Greblia na baidarkakh i kanoe; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury (dlia zaniatii s nachinaiushchimi). Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 205 p. (V pomoshch' instruktoru-obshchestvenniku)

CAPEK, KAREL, 1890-1938

Our Karel Capek; on the 70th anniversary of his birth V. Savitskii. Zvezda no. 1:208 Ja '60.

CAPILLARIES—PERMEABILITY

Effect of X rays on the permeability of the placental and histohematic barriers of the fetus in maternal organisms irradiated at different periods of pregnancy [with summary in English]. G. V. Nizhnik, I. D. Luk'ianova. Zhur. ob. biol. 20 no. 6:477-478 N-D '59.

Problem of the permeability (resorption) of the capillaries in transplanted skin under experimental and clinical conditions [with English summary in appendix] Ortop. travm. i protez. 20 no. 11:36-42 N '59.

CAPITAL

Role of the law of increasing production of the means of production in the current seven-year plan. F. P. Koshelev. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:3-21 '59.

CAPITAL INVESTMENTS

Akademiia nauk SSSR. Institut ekonomiki. [Economic effectiveness of capital investments and new technology] Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i novoi tekhniki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 614 p.

CAPITALISM
(see also subdivision under United States)

Bunkina, M.K. [The law of the uneven development of capitalist countries; materials for a lecture on economics] Zakon neravnomernosti razvitiia kapitalizma; materialy lektsii po politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 58 p. (Materialy k lektsiiam po politicheskoi ekonomii)

Crisis of present-day bourgeois ideology. G. Davidiuk. Komm. Bel. 33 no. 11:43-50 N '59.

Gelovani, A.A. [Unpunished criminals. Ne nakazannye prestupniki. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 96 p. [In Georgian.]

[Monopolistic capitalism and imperialism, from a lecture course in economics] Monopolisticheskii kapitalizm - imperializm, iz kursa lektsii po politicheskoi ekonomii. [Moskva] Izd-vo Mosk. univ., 1958. 166 p.

Photographic documents tell the story; wry pictures of the Western world. E. Miehin. Sov. foto 19 no. 11:71-76 N '59.

Working on the concept "General crisis of capitalism." V. V Boikov. Prep. ist. v shkole 14 no. 6 62-72 N-D '59.

CAPITALS (ARCHITECTURE) see subdivision under Armenia

CAPRYLIC ACID

Changes with age in the oxidation of fatty acids in the liver of white rats and the effect produced on these processes by the somatotropic hormone of the pituitary body [with summary in English] A O. Pashkova Ukr. biokhim zhur. 31 no 5 735-744 '59.

CAR COUPLINGS

Determining maximum stresses occurring in the automatic coupler in the starting of the train. A. P. Novikov. Trudy MIIT no. 110:195-209 '59.

CAR SPRINGS

Determining friction in spring suspensions of cars. P. M. Bogdanov. Izv. vys. ucheb zav., mashinostr. no. 5 131-142 '59

CAR WHEELS

KZh-20 milling machine for facing wheels. M. L. Briker, M A Chistiakov. Elek i tepl. tiaga 4 no 1:30-32 Ja '60

CARBAMIC ACID

New esters of dithiocarbamic acids. I. IA. Postovskii and others Dokl AN SSSR 132 no. 1 141-144 My '60.

Reaction of lead, zinc, cadmium and mercury cations with sodium diethyldithiocarbamate. IU. I. Usatenko, F. M. Tulium, Zhur. neorg. khim. 4 no. 11:2495-2499 N '59.

CARBAZIC ACID

Synthesis of hydrazine cobalt dicarbazate [In Georgian with summary in Russian]. P. V. Gogorishvili, L. D. TSitsishvili. Trudy Inst. khim. AN Gruz. SSR 14:15-16 '58.

CARBIDES

Strength of carbide-base alloys cemented by NiAl and CoAl compounds. E. I. Mozzhukhin, V. P. Eliutin, IA. S. Umanskii. Izv. vys. ucheb. zav.; chern. met. no. 3:131-135 '60

CARBOHYDRATE METABOLISM

Carbohydrate function of the liver in patients with acute bacillary dysentery treated with phthalazol and synthomycin N. F. Kozyrenko Vrach. delo no 11 1181-1185 N '59.

Carbohydrate metabolism in high-productive cows [with summaries in English, German, and French]. V. M. Koropov. Vest. sel'khoz. nauki 4 no. 11:58-65 N '59.

Influence of vitamin C on the carbohydrate function of the liver in radiation sickness. A. S. IUsipov, V. S. IUsipov Zdrav. Belor. 5 no. 12:25-27 D '59.

CARBOHYDRATES

How feeds rich in easily digestive carbohydrates affect the milk yield of cows. G. A Bondarenko, O. N. Kosova. Biul nauch -tekh. inform. VIZH no. 1:42-47 '57

Reactions of carbohydrates in sulfite cooking. E. I. Kosilova. Trudy LTA no. 80 pt. 2:117-134 '58.

CARBOHYDRAZIDE

Determining chromium in metallic nickel by the extraction of the diphenyl carbazide complex. A. K. Babko, T. E. Get'man. Zav. lab. 25 no. 12:1429-1430 '59.

CARBON

Absorption of π^+ -mesons with energies near 50 MeV by carbon nuclei [with summary in English]. Zh. V. Laberrig-Frolova, M. P. Balandin, S. Z. Otvinovskii. Zhur. eksp. i teor. fiz. 37 no. 3:634-638 S '59.

Determination of the energy of the bond between carbon and the surface of a nickel catalyst. S. L. Kiperman. Izv. AN SSSR Otd. khim. nauk. no. 3:563-565 '60.

Two mechanisms of carbon formation in the decomposition of benzene homologs on silica gel. A P. Rudenko, A. A. Balandin, I. I. Grashchenko. Izv. AN SSSR Otd. khim. nauk no. 4:605-613 Ap '60.

CARBON—ANALYSIS

Micromethods of the quantitative determination of carbon, hydrogen and nitrogen in organic matters in reduced size tubes under vacuum. P. N. Fedoseev, T. E. Chernysheva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6: 899-903 '59.

CARBON, ACTIVATED

Absorption of carbon disulfide from the flue gases of carbon disulfide manufacture. Report No. 1: Absorption of carbon disulfide from its mixture with hydrogen sulfide. R. M. Levit. Khim. volok. no. 5:57-62 '59.

Behavior of the catalyst, palladium on activated carbon, in catalytic isomerization reactions of alkanes and their cyclization, resulting in the formation of five-membered cyclanes. Kh. I. Areshidze. Trudy Inst. khim. AN Gruz. SSR 14:129-135 '58.

Reactions of cyclohexanol in contact with activated carbon. A. A. Balandin, G. I. Levi, E. I. Broude. Izv. AN SSSR Otd. khim nauk no. 4:614-623 Ap '60.

Steam and gas activation of anthracite in a fluidized bed. K. E. Makhorin, V. M. Chertov. Zhur. prikl. khim. 31 no. 4:643-647 Ap '58.

CARBON BLACK

Effect of vibration milling on the properties of carbon black for carbon-graphite materials. A. S. Fialkov, I. V. Temkin. Zhur. prikl. khim. 32 no. 8:1783-1786 Ag '59.

Nature of the bonds in the system rubber - carbon black [with summary in English]. V. G. Epshtein, Z. V. Chernykh. Koll. zhur. 21 no. 6:754-761 N-D '59.

CARBON CHLORIDE—SPECTRA

Rotational structure (1-1) and (0-1) of spectral bands of the carbon chloride molecule. IU. IA. Kuztakov, V. M. Tatevskii Opt i spektr. 7 no. 4:467-471 O '59

CARBON DIOXIDE

Assimilation of the carbon of carbon dioxide in the process of biosynthesis by Vibrio desulfuricans and some heterotrophic bacteria. IU. I. Sorokin. Dokl. AN SSSR 132 no. 2:464-466 My '60.

CO_2 content of condensed oxygen. P. A. IAnnov, M. V. Es'kova, V. S. Azev. Kislorod 12 no. 6:43-46 '59.

Determining the content of carbon dioxide in monoethanolamine solutions and in acid solutions of monoethanolamine and sodium sulfates. M. K. Shchennikova, I. A. Korshunov. Zhur. prikl. khim. 32 no. 8:1870-1872 Ag '59.

Relationship between the carbonization process of ammonium brines in gas lift apparatus and the concentration of ammonia and extent of carbonization. G. N. Gasiuk, A. G. Bol'shakov, A. V Kortnev. Zhur. prikl. khim. 32 no. 8:1863-1865 Ag '59.

CARBON DIOXIDE—THERAPEUTIC USE

The protective effect of carbon dioxide inhalation on the development of hemorrhagic shock conditions. I. V. Krushinskii, A. P. Steshenko, L. N. Molodkina. Nauch. dokl. vys. shkoly; biol. nauki no. 2:73-77 '60.

CARBON DIOXIDE—THERMAL PROPERTIES

Heat conduction of carbon dioxide under pressures from 1 to 200 kg/cm^2 at temperatures up to 1200° C. N. V. TSederberg, N. A. Morozova. Teploenergetika 7 no. 1: 75-78 Ja '60.

CARBON DISULFIDE

Adsorption of carbon disulfide from the flue gases of carbon disulfide manufacture. Report No. 1: Adsorption of carbon disulfide from its mixture with hydrogen sulfide. R. M. Levit. Khim. volok. no. 5:57-62 '59.

Determining the sulfur content on crude carbon disulfide from its specific gravity. K. E. Perepelkin. Khim. volok. no. 5:56-57 '59.

Methods of analyzing for gases produced in the manufacture of carbon disulfide. K. E. Perepelkin, IA. Z. Sorokin. Khim. volok. no. 5:53-56 '59.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE

Effect of the composition of iron oxide-alumina catalysts on their activity in the oxidation of carbon monoxide. T G. Alkhazov, M. S Belen'kii. Izv. vys. ucheb. zav., neft' i gaz 2 no. 11:83-87 '59.

Kinetics of carbon monoxide conversions in the presence of iron catalysts [with summary in English]. IU. B. Kagan and others. Zhur. fiz. khim. 33 no. 12:2706-2711 D '59.

On the role of a third particle in the reaction between O and CO. L. I. Avramenko, R. V. Kolesnikova. Izv. AN SSSR Otd. khim. nauk. no. 3:561-563 '60.

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Carbon monoxide gas. I. Nemala. Sov. kras. krest 9 no. 6:23 N-D '59.

Time of excretion of carbon monoxide from the body and the possibility of postmortem penetration into the blood. I A. Trynkina. Sud.-med. ekspert. 2 no. 3.12-14 '59.

CARBON-PLATINUM ALLOYS see Platinum-carbon alloys

CARBON TETRACHLORIDE

Chlorinating sulfides in an atmosphere of carbon tetrachloride. L. V. Zverev, N. V. Petrova. TSvet. met. 32 no. 12:37-42 D '59.

CARBON TETRACHLORIDE—TOXICITY

Drug therapy in experimental toxic hepatitis; use of campolon and vitamin B_{12} in carbon tetrachloride poisoning [with summary in English] O. H. Petrovs'ka Fiziol zhur. [Ukr.] 5 no 6:822-827 N-D '59.

CARBONATES
(see also subdivision under Transcaucasia)

Division and correlation of carbonate formations. O. M. Mkrtchian. Geol. nefti i gaza 3 no. 12:23-28 D '59.

Method for diagnostic coloring of ferromagnesia carbonates. G. I. Teodorovich, V. S. Melamedova, I. A. Pisarenko. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9: 37-44 S '59.

CARBONIZATION

Relationship between the carbonization process of ammonium brines in gas lift apparatus and the concentration of ammonia and extent of carbonization. G. N. Gasiuk, A. G. Bol'shakov, A. V. Kortnev. Zhur. prikl. khim. 32 no. 8:1863-1865 Ag '59.

CARBONYL GROUP

Kinetics and mechanism of reactions in concentrated strong acid media. Part 2 [with summary in English]. M. I Vinnik, R. S Riabova, N M. Chirkov. Zhur. fiz. khim. 33 no. 12:2677-2686 D '59.

CARBONYLS

Obtaining nickel and cobalt carbonyls from alloys with aluminum. IA. IU. Aliev and others. Dokl. AN Uz. SSR no. 11:36-39 '59

CARCINOGENS

Cancerogenic substances and their presence in man's environment L. M Shabad Vrach delo no 11.1125-1130 N '59.

CARCINOMA see Tumors

CARDIAC NERVES see Nerves, Cardiac

CARDIOGRAPHY

Portable pneumatic oscillograph and small (portable) mechanical cardiograph. S. T. TSukkerman. Izv. vys. ucheb. zav., prib. no. 3:57-63 '59.

CARDIOVASCULAR SYSTEM

Effect of galenicals from olive leaves on the cardiovascular system [in Azerbaijani with summary in Russian]. P. A. IUzbashinskaia Dokl. AN Azerb SSR 15 no. 12:1171-1175 '59.

Influence of hydrosulfide water from the spring at Shikhovo on cardiovascular function [in Azerbaijani with summary in Russian]. A. K. Mustafaeva. Azerb. med. zhur. no. 12.27-31 D '59.

CARDIOVASCULAR SYSTEM—DISEASES
(see also subdivision under Ukraine)

Combination of pregnancy and cardiovascular diseases. S. A. Nemerovskaia, K. V. Malakhova. Vop. okh. mat. i det. 4 no. 6:89 N-D '59.

Hypogalactia in parturients with cardiovascular diseases [with summary in English]. A. B. Sigalov. Sov. med. 23 no. 12:64-68 D '59.

CARGO HANDLING

Complete mechanization of cargo-handling operations in the merchant marine. M. I. Andrievskii. Rech. transp. 18 no. 12:16-18 D '59.

CARGO HANDLING—COSTS

Methods of distributing harbor-pier expenditures. S. S. Slutskii, K. A. Vvedenskii. Rech. transp. 18 no. 11:6-7 N '59.

CARNATIONS

Abnormal flowers in carnations [In Azerbaijani with summary in Russian]. M. M. Guseinov. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:41-42 '59.

CAROTENE

Some data on factors influencing the accumulation of ascorbic acid and carotene in wild plants of Western Siberia. V. S. Fedorova. Trudy Bot. inst. Ser. 6 no. 7: 351-352 '59.

CAROTID ARTERY

Potential properties of anastomoses of the branches of the external carotid artery [with summary in English]. V. V. Kolesnikov, P. Z. Gudz', T. V. Sharova. Arkh. anat. gist. i embr. 37 no. 11:32-38 N '59.

CAROTID ARTERY—LIGATURE

Treatment of various tumors of the brain by ligation of the carotid arteries. N. N. Golyak. Vop. neirokhir. 23 no. 6:43-44 N-D '59.

CAROTID BODY—TUMORS

Fibroadenoma of the carotid gland. A. I. Kushch. Nov. khir. zhur. no. 6:95-96 N-D '59.

CARP

(see also subdivision under Dnieper River, Kura River)

Effect of population density on the growth and reproduction capacity of fishes (exemplified by the crucian carp) V. E Bekker Trudy Mosk tekh inst ryb prom i khoz no. 10:210-218 '59

Importance of hydrobiological factors in rice cultivation and of carp culture in increasing the rice yield. A. M. Mukhamediev. Izv. Otd. est nauk AN Tadzh SSR no 2, 25-40 '59.

CARPATHIAN MOUNTAIN REGION—FRUIT CULTURE

Fruit culture and viticulture in the Carpathian Mountain region. P. Zaianchkovskii. Sad i og. 97 no. 11 31-33 N '59

CARPATHIAN MOUNTAIN REGION—OIL WELL LOGGING, RADIATION

Radioactive logging methods used in the cis-Carpathian region M I Tolstoi Nauk zap Kyiv un 16 no 14: 225-231 '57

CARPATHIAN MOUNTAIN REGION—VOLCANIC ASH, TUFF, ETC.

Indications of the volcanic activity in flysch and molasse formations in the northern slope of the Carpathians and the cis-Carpathian region O S. Vialov Pyt. geol no 9-5-19 '58

CARPATHIAN MOUNTAINS—CAVES

Three caverns and a million trouts. Ioan Grigorescu Vokrug sveta no 1 28-30 Ja '60

CARPATHIAN MOUNTAINS—CONGLOMERATE

Recent data on the composition of the Pistynka conglomerates (Carpathian Mountains) I D Gofshtein, V. P Kostiuk Dokl AN SSSR 132 no 1 178-180 My '60

CARPATHIAN MOUNTAINS—EROSION

Soil erosion in the mountain-forest zone of the Carpathians [with summary in English]. N. M Gorshenin Pochvovedenie no 11:26-36 N '59

CARPATHIAN MOUNTAINS—FOREST MANAGEMENT

How clear cutting affects the flow of streams in Carpathian Mountains [with summaries in English, German, and French]. N. M. Gorshenin. Vest. sel'khoz nauki 4 no. 11:90-97 N '59.

CARPATHIAN MOUNTAINS—INFUSORIA, FOSSIL

Fossil infusorians from Mesozoic deposits of the Carpathians. O. S. Vialov, L. V. Linetskaia. Dokl. AN SSSR 131 no. 6:1407-1409 Ap '60.

CARPATHIAN MOUNTAINS—PALEOGEOGRAPHY

Paleogeography of the Eocene in the outer anticlinal zone and Borislav subzone in the Carpathian piedmont fault. B T Holiev. Pyt geol no. 9:20-29 '58.

CARPATHIAN MOUNTAINS—RIVERS

How clear cutting affects the flow of streams in Carpathian Mountains [with summaries in English, German, and French]. N. M. Gorshenin. Vest. sel'khoz. nauki 4 no. 11:90-97 N '59.

CARPATHIAN MOUNTAINS—SPRUCE

Cuttings and regeneration in spruce forests of Carpathia. G. L. Tyshkevich. Nauch dokl vys. shkoly; lesoinzh. delo no. 2:56-59 '59.

CARPATHIAN MOUNTAINS—VOLCANOES

Development of the Tertiary volcanism in the Soviet Carpathians. V. V Merlich, S M. Spitkovs'ka. Pyt. geol no. 9:30-49 '58.

CARPATHO-UKRAINE see Transcarpathia

CARROTS

Essential oil from the fruits of wild carrot, Daucus carota L. (Central Asia). G. V. Pigulevskii, V. I. Kovaleva. Zhur. prikl. khim. 32 no. 12:2703-2706 D '59.

CARTILAGE

Injury to epiphysial cartilage during intramedullary osteosynthesis, experimental studies. L. M. Nagibin. Ortop., travm. i protez. 20 no. 4:20-24 Ap '59

CARTILAGE—TRANSPLANTATION

Epiphysial cartilage of child cadavers as plastic material for reconstructive operations B. E. Peterson Ortop., travm. i protez. 20 no. 4:28-34 Ap '59.

Homoplasty with cartilage of osteomyelitic bone cavities in children following sequestrectomy [with summary in English]. A. F. Zverev, G. M Kazakov. Vest. khir 83 no. 11 56-59 N '59.

CARTRIDGES

Just how should the cartridges be loaded? A. Lesokhin. Okh. i okh. khoz. 5 no. 11:32-33 N '59.

CASABLANCE—DESCRIPTION AND TRAVEL

In Casablanca IU. Bochkarev. Nov. vrem. 18 no 17: 29-31 Ap '60.

CASE HARDENING

Carburizing internal hollow parts by means of natural gas in a protective gas atmosphere. L P. Gol'dinov. Gaz prom 5 no. 1.30 Ja '60

Hardening of pump rods operating in corrosion fatigue conditions R M Raskin, R A Bagramov Metalloved i term obr met no 12 35-38 D '59

Investigating the behavior of the nitrated layer in fittings at high temperatures. A. V. Ratner, L. G. Leonova Teploenergetika 7 no. 1:59-63 Ja '60.

Structure and hardness of surface-hardened cast iron with spheroidal graphite M M Klimochkin. Metalloved. i term. obr met no 12:39-43 D '59.

CASPIAN SEA—ALGAE

Some data on the distribution of detritus in the Northern Caspian. M. S. Kun. Trudy VNIRO no. 38.292-303 '59.

CASPIAN SEA—AMPHIPODA

Intraspecific groups of some corophiids and gammarids in the northern part of the Caspian Sea N. V. Lebedev. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no 2:47-57 '59.

Survival of some amphipods of the Northern Caspian at various salinity degrees. N. N. Romanova. Trudy VNIRO no 38:277-291 '59.

CASPIAN SEA—BENTHOS

Changes in the benthos of the Northern Caspian over a period of many years. L. G. Vinogradov. Trudy VNIRO no 38 241-276 '59.

CASPIAN SEA—COAST CHANGES

The extent and age of the Neocaspian transgression. O. K Leont'ev Trudy Okean kom. no. 1:81-90 '59.

CASPIAN SEA—COASTS

Study of drift in the coastal zone of the northwestern Caspian O. K. Leont'ev, M. E. Bakhtina, T. A. Dobrynina. Trudy Okean. kom. no. 4:10-30 '59.

CASPIAN SEA—DEEP-SEA DEPOSITS

Carbonates and organic matter in sediments of the Central and Southern Caspian. T. I. Gorshkova. Trudy VNIRO no. 38:142-151 '59.

CASPIAN SEA—FISHERIES—RESEARCH

Preface Trudy VNIRO no. 38:3-4 '59.

CASPIAN SEA—FISHERY LAW AND LEGISLATION

Biological principles of fishery regulation in the northern part of the Caspian Sea [with summary in English]. L. S Berdichevskii Zool. zhur 38 no. 1:88-102 Ja '59.

CASPIAN SEA—FISHES—FOOD

Prospective changes in the Caspian food supply and measures necessary for strengthening it. L. G. Vinogradov. Trudy VNIRO no. 38:165-175 '59.

CASPIAN SEA—GRAY MULLETS

Possibility of fishing for Caspian gray mullet with hoist seines. S. N. Probatov. Ryb. khoz. 35 no. 10:32-36 O '59.

CASPIAN SEA—HYDROLOGY

Changes in the hydrochemical and hydrological conditions of the Caspian Sea. M. V. Fedosov. Trudy VNIRO no. 38: 5-9 '59.

Discharge of rivers into the Caspian Sea. M. I. Fokin. Trudy VNIRO no. 38:14-25 '59.

CASPIAN SEA—OCEAN BOTTOM

Baku trench. G. P. Tamrazian. Dokl. AN Azerb. SSR 15 no. 12:1135-1142 '59.

CASPIAN SEA—ORGANIC MATTER

Changes in the concentration of organic matter in sediments of the Northern Caspian due to the lowering of the water level. M. P. Gudkov, T. I. Gorshkova. Trudy VNIRO no. 38:88-105 '59.

CASPIAN SEA—SALINITY

Characteristics of basic salinity periods of the Caspian Sea during the past 25 years. M. V. Fedosov. Trudy VNIRO no. 38:10-13 '59.

Salinity of water in the Northern Caspian. N. I. Vinetskaia. Trudy VNIRO no. 38:26-51 '59.

CASPIAN SEA—SHAD

Spring migration of Caspian shad in waters of northern Daghestan E. N. Kazancheev Vop. ikht. no. 12:75-84 '59.

CASPIAN SEA—SPRATS

Preserving Caspian sprats with sodium nitrite for fish meal production. N. A. Kulikov. Ryb. khoz. 35 no. 10: 65-68 O '59.

CASPIAN SEA—TREMATODA

Infestation of the young-of-the-year Caspian shad of the genus Alosa by the monogenetic trematode Mazocraes alosa. T. K. Nebol'sina. Dokl. AN SSSR no. 6:1478-1480 Ap '60.

CASPIAN SEA—WATER—COMPOSITION

Data on the hydrochemistry of the Southern Caspian. E. E. Rubinchik. Trudy VNIRO no. 38:152-164 '59.

Fluctuations of the concentration of oxygen and biogenous elements in waters of the Central and Northern Caspian over a period of many years. B. N. Abramov. Trudy VNIRO no. 38:117-133 '59.

Formation of the regimen of biogenous elements [illegible] Northern Caspian and the intensity of the formation of phytoplanktonic organic matter. M. V. [illegible], L. A. Barsukova. Trudy VNIRO no. 38:52-77 '59.

Vertical mixing and formation of the hydrochemical regimen of the upper water layer in the Central and [illegible] ern Caspian. G. N. Zaitsev, M. V. Fedosov. [illegible] no 38:134-141 '59.

CASPIAN SEA—WATER—OXYGEN CONTENT

Gas regimen of water masses in the Northern Casp[illegible] M. V. Fedosov, L. A. Barsukova. Trudy VNIRO [illegible] 78-87 '59.

CASPIAN SEA—ZOOPLANKTON

Nature of the effect of waters discharged by the Volga River on the zooplankton of the Northern Caspian [illegible] Lesnikov, R. P. Matveeva. Trudy VNIRO no. 38 [illegible] '59.

Zooplankton of the Central and Southern Caspian and [illegible] variation during the period marked by lowering [illegible] water level. E. N. Kudelina. Trudy VNIRO no. 38:2[illegible] 240 '59.

CASPIAN SEA REGION—PALYNOLOGY

Materials on upper Pleistocene vegetation in [illegible] part of the Caspian Sea region. A. A. [illegible], [illegible] Voronina. Dokl. AN SSSR 131 no. 6:1411-1415 [illegible]

CASPIAN SEA REGION—PROSPECTING—GEOPHYSICAL METHODS

State of and trends in the study of physical properties of rocks in the area bordering on the Caspian Sea. [illegible] Medovskii, N. A. Gribova, Z. A. Korkh. [illegible] geofiz. no. 33:59-67 '59.

CASSITERITE

Paragenetic associations of elements occurring as cassiterite admixtures in different genetic types of [illegible] deposits. A. S. Dudykina. Trudy IGEM no. 28 [illegible] '59.

CAST IRON

Characteristics of the brittle strength of cast iron. [illegible] Chertkov. Trudy LTA no. 83:[illegible] '59.

Effect of arsenic on the graphitization of cast iron [with summary in English]. K. P. Bunin, IU. N. [illegible], O. I. IAtsenko. Dop. AN URSR no. [illegible] '59.

Investigating the plasticity and strength of gray iron. L. M. Sedokov. Izv. vys. ucheb. zav.; fiz. no. 5 [illegible] '59.

Reducing the sulfur content in cast iron. M. A. [illegible] lov, I. S. Kulikov. Metallurg 4 no. 12:8-10 [illegible]

CAST IRON—HARD FACING

Sulfidizing of some cast iron parts of light industry machinery. M. M. Boitlyi. Izv. vys. ucheb. zav.; [illegible] prom no 5:152-155 '59.

CAST IRON—HEAT TREATMENT

Increasing the wear resistance of cast iron gears by isothermal hardening. V. M. Rouginskii [illegible] no. 83:145-149 '59.

Increasing the wear resistance of gray iron by [illegible] hardening. V. M. Rouginskii. Trudy LTA [illegible] '59.

CAST IRON—METALLOGRAPHY

Distribution of manganese and nickel in the various phases of white cast iron. I E. Lev Metalloved. i term obr met no 12 44-47 D '59

Effect of the chemical composition of cast iron on the inverse chill in piston rings. I V. Lebedev Izv. vys. ucheb. zav.; chern. met. no. 3:136-139 '60

Effect of vacuum on changes in critical temperatures, structure and chemical composition of cast iron. V. P. Chernobrovkin, V. S. Bollaev, A. A. Dobryden', Fiz. met. i metalloved. 8 no. 5:747-751 N '59.

Etching of binary and ternary phosphide eutectics in cast irons. IA. N. Malinochka, N. G. Osada. Zav. lab. 25 no. 12:1523-1524 '59.

High-strenght cast iron in the manufacture of [illegible] A. A. Vasilenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6:3-32 '58.

Mechanism of graphite formation in magnesium cast iron. R. D Rusev. Lit. proizv. no. 12:17-19 D '59

Role of undercooling in the formation of spheroidal graphite. A. A. Gorshkov, R. A. Sidorenko Izv. vys. ucheb. zav.; chern. met no. 4:153-158 '60.

Structural changes in ferric magnesium cast iron. [illegible] IAtsenko. Metalloved. i term. obr. met. no 12 47-[illegible] D '59.

Structure and hardness of surface-hardened cast iron with spheroidal graphite M. M. Klimochkin Metalloved. i term. obr. met no 12:39-43 D '59.

Wear resistance of high-strength cast iron used in the manufacture of tractors. B. N. Seredenko, V. I. [illegible], E. A. Markovskii. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6:33-52 '58.

CAST IRON—METALLURGY

Kinetics of the second stage of graphitization in cast iron during repeated annealing [with summary in English]. K. P. Bunin, I. P. Horlova, S. A. Fedorova. Dop. AN URSR no. 10:1106-1109 '59.

Temperature dependence of the rate of desulfurization of cast iron by slags of the system CaO - Al_2O_3 - SiO_2 [with summary in English]. V. V. Sosnin, O. V. [illegible], E. N. IArkho. Zhur. fiz. khim. 33 no. 12:2652-2659 D '59.

CAST IRON—TESTING

Comparing the wear resistance of the 70 steel and magnesium cast iron V. I Shlykov Izv vys. ucheb zav, neft' i gaz 2 no 11 119-122 '59

Methods for determining the heat resistance of cast irons. N N Aleksandrov Zav lab no 11:1335-1336 '59

Methods of testing the surface tension of cast iron. K. I. Vashchenko, A. P Rudoi, Izv. vys. ucheb. zav., chern. met. 2 no. 9:133-139 S '59.

CAST IRON—WELDING

Selecting a method of welding gray cast iron. P S. Elistratov Svar proizv no 1 36-37 Ja '60.

CASTLES see subdivision under Shakhristan District

CASTRATION

Chemical castration of old rams. M. N. Kirillov. Ovtsevodstvo 5 no. 12:36 D '59.

CASTRO, FIDEL, 1927-

Foundation of the Cuban revolution ("The political, economic and social views of Fidel Castro" [in Spanish]. Reviewed by L. Surogin). Mezhdunar. zhizn' 7 no. 5 147-149 My '60.

CASUALTY INSURANCE see Insurance, Casualty

CATALOGS, BOOKSELLERS'

[Soviet books (new publications); order catalog.] Sovetskie knigi (novinki), katalog dlia zakazov no. 105a '57, no 7 '60

CATALOGS, UNION

[Union list of new foreign books received by the libraries of the U. S. S. R. Series B: Social sciences.] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki no. 10 '59. 579 p.

CATALYSIS

Akademiia nauk SSSR. [Kinetics and analysis] Kinetika i kataliz. Moskva, 1960. 269 p.

Catalytic transformations of the dimethyl ester of o-phthalic acid. I I Ioffe, N. V. Klimova, A. O. Zisman. Khim. nauka i prom 4 no 5:687 '59.

Contribution to the development of a single theory of catalysis Structural and energetic factors A. A. Balandin Khim. nauka i prom. 4 no. 5:655-661 '59.

Homogeneous catalysis in the gas phase oxidation of hydrocarbons. Report No. 1: Nature of two maxima of heat emission. N. S. Enikolopian, G. P. Konarova. Izv. AN SSSR Otd. khim. nauk. no. 3:419-426 '60.

Kinetics of the catalysis of H_2O_2 in the presence of $Na_2WO_4 + SrCl_2$ Part 1 [with summary in English]. I. K Prokhorova, G. A. Bogdanov Zhur. fiz. khim. 33 no 12:2721-2728 D '59

CATALYSTS

Catalyst for determining methane in mine air. V. S. Kravchenko and others. Zav. lab. 25 no. 12:1448 '59.

Catalytic activity of solid solutions of nickelous oxide and zinc oxide. N. P. Keier. Izv. AN SSSR Otd. khim. nauk. no. 3:389-397 '60.

Catalytic and magnetic properties of NiO - MgO. A. A. Slinkin, V. I. IAkerson, A. M. Rubinshtein. Izv. AN SSSR Otd. khim. nauk. no. 3:435-441 '60.

Catalytic polymerization of olefins. Report No. 6: Effect of adding certain metal oxides to the NiO - Al_2O_3 - silica gel catalyst on its activity in the polymerization reaction of ethylene. IA. T. Eidus, K. V. Puzitskii, B. A. Kazanskii. Izv. AN SSSR Otd. khim. nauk. no. 3:513-519 '60

Cleaving and hydrogenating action of certain catalysts in the process of the destructive hydrogenation of oil tars under a pressure of 30 atm. IA. R. Katsobashvili, S. A. Golosov. Khim. i tekh. topl. i masel 5 no. 1:8-12 Ja '60.

Dehydrogenation of hydrocarbons on alumina-chromic catalysts containing some metal oxides. E. A. Timofeeva and others. Izv. AN SSSR Otd. khim. nauk. no. 3:480-483 '60.

Effect of added amounts of magnesium oxide on the catalytic properties of molybdenum oxide - aluminum oxide catalysts in the aromatization of n-heptane. A. I. Adzhieva Izv. vys ucheb. zav.; neft' i gaz 2 no 11 89-94 '59.

Formation of a linear dimer of isoprene on the complex catalyst $(\alpha\text{-}C_4H_9)_3Al + TiCl_4$. L. I. Zakharkin. Dokl. AN SSSR 131 no. 5:1069-1071 Ap '60.

Kinetics of the oxidation of liquid paraffins in the presence of a K - Mn catalyst. B. G. Freidin. Zhur. prikl. khim. 32 no. 8:1849-1854 Ag '59.

Mechanical strength of aluminum-nickel catalysts for the process of destructive hydrogenation. IA. R. Katsobashvili and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:159-164 Mr-Ap '60.

Mechanization of the transport of catalysts in recovery plants. A. M. Riabov, M. S. Bychkov. Neftianik 3 no. 8: 26-27 Ag '58.

Metals as catalysts in reactions of alkylation of aromatic compounds. N. K. Rozhkova, I. P. TSukervanik. Uzb. khim. zhur. no. 6:53-64 '59.

Porosity and dispersivity of the catalyst in the heterogeneous synthesis of vinyl acetate. E. N. Rostovskii. Zhur. prikl. khim. 32 no. 12:2691-2697 D '59.

Structure and catalytic properties of chromic oxide - silica gel catalysts. M. I. Rozengart, A. A. Slinkin, A. M. Rubinshtein. Dokl. AN SSSR 132 no. 2:367-370 '60.

Work function and catalytic activity of the iron contacts in the ammonia synthesis. E Kh. Enikeev and others. Dokl. AN SSSR 131 no. 5 1126-1128 Ap '60.

CATALYSTS—MAGNETIC PROPERTIES

Superparamagnetic effects in dilute adsorption layers and solid solutions N. I Kobozev and others Zhur fiz khim. 33 no 12:2811-2820 D '59.

CATALYSTS, NICKEL

Dependence of the activation energy on the relative adsorption coefficient. A. E. Agronomov, A. A. Balandin, IU S. Mardashov. Dokl. AN SSSR 131 no. 5:1120-1122 Ap '60.

Determination of the energy of the bond between carbon and the surface of a nickel catalyst. S. L. Kiperman. Izv. AN SSSR Otd. khim. nauk. no. 3 563-565 '60.

Highly active nickel - alumina catalyst for dehydrogenating the hexamethylene ring. N. I Shuikin, E. D. Tulupova. Izv. AN SSSR Otd. khim. nauk no. 4:709-716 Ap '60.

Hydrogenation of glucose in the presence of a granulated skeletal nickel catalyst in a flow. E. M. Adaskin and others. Zhur. prikl. khim. 31 no. 4:595-601 Ap '58.

Hydrogenation on nickel catalysts prepared by the decomposition of oxalates. I. B. Rapoport, IU. V. Vyshеslavtsev Zhur. prikl. khim. 32 no 8:1738-1743 Ag '59.

Study of nickel catalysts prepared by the decomposition of organic salts. I. B Rapoport, I. Paz. Zhur. prikl. khim. 32 no. 8 1744-1750 Ag '59.

CATALYSTS, ZINC

Catalysis of hydrogenation reactions by zinc. L. Kh. Freidlin, V. I. Gorshkov. Dokl. AN SSSR 131 no. 5: 1109-112 Ap '60.

CATARACT

Cataract of both eyes resulting from brief exposure to an ultra-high-frequency electromagnetic field of high density [with summary in English]. I. S. Shimkhovich, V G Shilisov. Vest. oft. 72 no. 4:12-16 Jl-Ag '59.

Primary radiation injuries of the crystalline lens and their role in the development of radiation cataract [with summary in English]. I. F. Kovalev. Oft. zhur. 14 no. 6:353-358 '59.

CATERPILLARS see subdivision under Tuva Autonomous Province

CATHEDRALS see subdivision under Kiev, Sofia, Tallinn

CATHETERS

Method of cathetering the udder. E. P. Kokorina. Fiziol. zhur. 45 no. 12:1499-1505 D '59.

CATHODE RAY OSCILLOGRAPH

The OS-2 high-speed oscillograph. Prib. i tekh. eksp. no 6:137 N-D '59.

CATHODE RAY TUBES

Developing and testing the method of automatic object adjustment of the width of the line on the screen of electron-beam tubes IU M Shamaev and others Trudy MEI no 27 267-280 '58

CATHODES

Electron and adsorption properties of a film of barium atoms on a tungsten surface covered with oxygen. IU. S. Vedula, V. M. Gavriliuk, N. D. Morgulis. Fiz. tver. tela 1 no. 11:1711-1719 N '59.

In regard to the article "Ribbon shaped electron beams in a longitudinal uniform magnetic field with arbitrary shielding of the cathode." P. D. Bur'ianov. Radiotekh. i elektron. 5 no. 5:880 My '60.

CATHOLIC CHURCH

Volgin, V. L [The Vatican, a center of reaction and obscurantism] Vatikan - tsentr reaktsii i mrakobesiia. [Leningrad] Lenizdat, 1960. 134 p.

CATHOLIC CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

Barchuk, Ivan. [About Catholic Saints] Pro katolyts'kykh sviatykh. Toronto, Nakladom Khrystiians'koho vyd-va "Doroha pravdy," 1959. 223 p.

Pokhylovych, D. L. [Modern Catholicism] Suchasnyi katolytsyzm. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1959. 46 p.

CATHOLIC INSTITUTIONS

Catholic Cooperation Center. IA. Andreev. Sov. potreb. koop. 4 no. 1:36-37 '60

CATTAIL

Effectiveness of 2, 4-D in controlling cattail I. D. Sliusarchuk. Zashch rast. ot vred. i bol. 4 no. 3 40 My-Je '59.

CATTLE

Shakhnazarov, G. M. [Intravital determination of fatness of growing cattle; methods and tables] Prizhiznennoe opredelenie upitannosti rastushchego krupnogo rogatogo skota; metodika i tablitsy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 38 p.
(DA)

CATTLE—ANATOMY

Some data on the constitution of animals [with summary in English]. IU. D. Ruban. Zhur. ob. biol. 20 no. 6: 479-480 N-D '59.

CATTLE—DISEASES AND PESTS

Development of the warble fly larvae on young cattle. L. F. Romasheva. Trudy Inst zool i paraz. AN Kir SSR no 7:235-242 '59.

Leucosis of cattle [with summaries in English, German, and French] N T. Vasil'ev Vest sel'khoz nauki 4 no 12 59-65 D '59

Results of treating cattle with a 4-5% oil solution of DD at different stages in the development of the warble fl L. F Romasheva Trudy Inst. zool i paraz. AN Kir. SS no 7.219-233 '59.

CATTLE—FEEDING AND FEEDS

(see also subdivision under Poltava Province)

Corn silage in feed rations of young cattle A M Venediktov. Biul nauch -tekh inform VIZH no 1 23-26 '57

CATTLE—PHYSIOLOGY

The arrhythmicity coefficient of cardiac activity in cattle and its variation with age. M. P. Roshchevskii. Dokl. AN SSSR 131 no. 5:1213-1214 Ap '60.

CATTLE—TRANSPORTATION

Ways of reducing expenditures for the transportation of livestock IU. Shumakher Mias. ind SSSR 30 no. 2: 29-31 '59

CATTLE—WATERING

Using automatically operated cement waterers for cows. O. L. Serbin. Mekh. sil'. hosp. 11 no. 1:14 Ja '60.

CATTLE BREEDING

Dosage of bull semen and degree of its dilution in artificial insemination M M Tiupich Biul nauch -tekh inform VIZH no 1 30-32 '57

CATTLE BREEDS

Effect of feeding and breed on the carotine and vitamine-A content of milk and butter O D Ezdakova Biul nauch - tekh inform VIZH no. 1 48-50 '57

CAUCASUS—EARTHQUAKES

Earthquakes in the Caucasus with foci below the earth's crust [with summary in German] T. M. Lebedeva Trudy Inst. geofiz AN Gruz. SSR 17:139-159 '58

Studies on the seismicity of the Caucasus [with summary in German] E. I. Bius Trudy Inst. geofiz. AN Gruz SSR 17:95-120 '58.

CAUCASUS—FAULTS (GEOLOGY)

Recent movements along old faults in the western Caucasus and their effect on hydrography waters. V. E. Khain, M G. Lomize. Izv. vys. ucheb. zav; geol. i razv. 2 no. 8:17-21 Ag '59.

CAUCASUS—FLORICULTURE

History of the organization of specialized nurseries for flowering bulbs in the Caucasus. V. A. Alferov. Trudy Bot. inst. Ser. 6 no. 7:438-439 '59

CAUCASUS—GEOLOGY, STRATIGRAPHIC

Sultanov, A. D. [Lithology of Cretaceous sediments in the Southeastern part of the Greater Caucasus] Litologiia melovykh otlozhenii iugo-vostochnoi chasti Bol'shogo Kavkaza. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 210 p.

CAUCASUS—GLACIAL EPOCH

The great interglacial epoch of the Pleistocene. L. I. Maruashvili. Bot. zhur. 44 no. 12:1737-1741 D '59.

CAUCASUS—HYDROMETEOROLOGY

Establishing the limits of hydrological seasons of the year for mountain rivers. V. F. Poklepa. Trudy Tbil. NIGMI no. 4:162-167 '59.

CAUCASUS—MINERAL WATERS

Ilkes, G. N. [Treatment of gastric and duodenal ulcer at Caucasian Mineral Water health resorts] Lechenie bol'nykh iazvennoi bolezn'iu zheludka i 12-perstnoi kishki na kurortakh Kavkazskikh mineral'nykh vod. Izd. 2., dop. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1958. 75 p.
(DNLM)

CAUCASUS—OWLET MOTHS

Species of the genus Harmodia Hbn. in the Caucasus [with summary in English]. K. D. Idrisov. Zool. zhur. 38 no. 1:70-81 Ja '59.

CAUCASUS—RIVERS

Recent movements along old faults in the western Caucasus and their effect on hydrography waters. V. E. Khain, M. G. Lomize. Izv. vys. ucheb zav, geol. i razv. 2 no. 8:18-21 Ag '59.

CAUCASUS—ROCKS—DENSITY

Density determination of rock layers by underground gravity measurements. B. K. Balavadze, G. Sh. Shengelaia. Trudy Inst. geofiz AN Gruz. SSR 17:447-453 '58.

CAUCASUS—ROCKS—ELECTRIC PROPERTIES
Electric conductivity of rocks and ores of the Caucasus. A.V.Bukhnikashvili. Trudy Inst.geofiz AN Gruz SSR 17:219-200 '56.

CAUCASUS—WELLS
Submerged working of ground. IU.Vernikovskii. Sel'. stroi. 14 no.12:16 D '59.

CAUCASUS, NORTHERN—ALLUVIUM
Composition of the alluvium in the Northern Caucasus. A.M.Viktorov. Biul.Kom chetv.per. no.23:05-07 '59.

CAUCASUS, NORTHERN—AVALANCHES
Track of snow. V IAnkevich. Vokrug sveta no 1,55 Ja '60.

CAUCASUS, NORTHERN—BEECH
Valuation features of virgin beech forests of different ages of the Northern Caucasus and of the Crimea. L.V. Bitsin. Nauch.dokl.vys.shkoly; lesoinzh.delo no.2: 45-50 '59.

CAUCASUS, NORTHERN—CHERNOZEM SOILS
Growing perennial grasses for restoring the fertility of Ciscaucasian irrigated Chernozems [with summary in English]. E.T.Muzychkin Pochvovedenie no.12:13-23 D '59

CAUCASUS, NORTHERN—ECONOMIC CONDITIONS
The integration of the Northern Caucasus into the economic system of prereform Russia; a study of broad capitalist development. A.V.Fadeev. Ist.SSSR 4 no.6: 40-62 N-D '50

CAUCASUS, NORTHERN—EPIC POETRY
Military democracy in the Nart epic [with summary in English]. IA.S.Smirnova. Sov.etn. no.6:60-68 N-D '59.

CAUCASUS, NORTHERN—FOLDS (GEOLOGY)
Using logging data for studying overthrust folds in northwestern Ciscaucasia. V A Dolitskii, B.M IAkovlev Izv vys.ucheb.zav, neft' i gaz 2 no 11 23-30 '59

CAUCASUS, NORTHERN—FRUIT CULTURE
Establishing forest orchards in the Northern Caucasus. P.Kolesnikov Sad i og. 07 no.11:40-42 N '59.

CAUCASUS, NORTHERN—GASTROPODA, FOSSIL
Terrestrial gastropod fauna in Neogene deposits of eastern Ciscaucasia. A.A.Steklov. Vest.Mosk.un.Ser. biol., pochv., geol., geog. 14 no.2:123-125 '59.

CAUCASUS, NORTHERN—METALS
Comparative geochemical characteristics of the lower Chokrak sediments in the Chernogorsk monocline and Terek Range (eastern Ciscaucasia) based on spectral analysis data. A.N.Reznikov. Izv.vys.ucheb.zav., neft' i gaz 2 no.11 17-18 '59.

CAUCASUS, NORTHERN—PALEOBOTANY, STRATIGRAPHIC
Lower Jurassic and Aalenian floras of the Northern Caucasus. V.A.Vakhrameev, R.A.Vanina. Paleont.zhur. no.3.125-133 '59.

CAUCASUS, NORTHERN—PEGMATITES
A variety of pegmatite veins in the Northern Caucasus. G.M.Zaridze, T G.Kazakhashvili. Izv.vys.ucheb zav.; geol.i razv. 2 no.8:65-70 Ag '59.

CAUCASUS, NORTHERN—PYRITES
Using low frequency induction logging method in prospecting for pyrite ores in the Northern Caucasus. I.A. Bezruk, P.A.Vinogradov, IU.V.IAkubovskii. Razved. i okh.nedr 25 no.10.32-37 O '59

CAUSATION
How V.I.Lenin analyzed the problem of causation and its significance for natural sciences L.Shchekina. V pom. polit. samoobr. 3 no.12:34-43 D '59.

CAVES
(see also subdivision under Carpathian Mountains; Crimean Mountains; Pendzhikent)
Investigating stalactite and stalagmite formation. I.T. Dubrava, T.N.Savatoeva. Sbor.nauch.rab.stud.LGI no.2:51-58 '57.

CAVITATION
Cavitation tests of the model of Francis turbine in an open unit. I.N.Pogrebennyi. Sbor.st.CHPI no.12: 48-56 '59.
Methods of determining the rated buoyancy of a cavitating profile. A.A.Rusetskii. Sudostroenie 25 no.12:0-11 D

n method of emulsion polymerization. S.S. Dokl.AN SSSR 131 no.6:1393-1395 Ap '60.

n of chlorides in the cecum following reduction
od supply to the brain in sheep. Kim Sin Hab.
un.Zbir.stud.rob. no.5:(vol.149) 173-176

ANICS see Mechanics, Celestial

CELL DIVISION (BIOLOGY)
Chromosomal aberrations and disorders in the mitotic activity as factors limiting tissular reparation after radiation. I.M.Shapiro Dokl.AN SSSR 131 no.6: 1437-1439 Ap '60.

CELL NUCLEI
Changes in the size of nuclei in mesothelial and mast cells due to the effect of novocaine I.G.Vol'fenzon Tsitologiia 1 no 6:641-648 N D '59
Changes in the volume of cell nuclei in single-layer tissue cultures of an ape kidney infected with the H virus IA E Khesin, K S Illimitkov Dokl AN SSSR 132 no 1 230 240 My '60
The structure of cell nuclei; experimental electron microscopic investigation of isolated nuclei G P Georgiev, IU S Chentsov Dokl AN SSSR 132 no 1 199 202 My '60.

CELLS
Role of protein structure and ion adsorption in mechanism of cellular excitation D.Ungar. TSitologiia 1 no 6: 627-640 N-D '59.

CELLULOSE
Aging and the thermal oxidative destruction of ethylcellulose. O.P.Koz'mina, V.I.Kurliankina. Zhur.prikl. khim. 31 no.4:001-008 Ap '60.
Amino acids associated with the hemicellulose, cellulose, and lignin fractions of plant tissues. M.A. [illegible] tian, A.M.Ogandzhanian. Dokl.AN [illegible] 131 no. [illegible] 1187-1190 Ap '60.
Applying the oxygen-alkaline method for delignifying and refining unbleached cellulose. Report No.2. V M Nikitin, G.L.Akim. Trudy LTA no 80 [illegible]
Determining the degree of esterification of carboxymethylcellulose (KMTs) M Z. Finkel'shtein, I M Timokhin, Kh.U.Mukhamedov Khim nauka i prom 4 no.[illegible] '59.
Effect of cation concentration on the exchange and adsorptive activities of carboxycellulose. G.M.Skurikhina, V.I.Ifitlev. Trudy LTA no.87 71 77 '59
Exchange-adsorption equilibrium on cellulose materials G.M.Skurikhina, V.I Ifitlev Izv vys ucheb zav khim 2 no.6:100-110 '59
Heat of wetting of cellulose esters by water [illegible] V Zharkovskii. Dokl.AN [illegible] 402 405 [illegible] '60.
Obtaining cellulose sulfates and studying their effect on drilling muds. M Z Finkel'shtein, [illegible] Izv vys ucheb zav ; neft' i gas 2 no 11 49 51 '59
Obtaining sulfate cellulose and hemicellulose from [illegible] impregnated stump wood. IU.N.Nepenin, A.V. [illegible] lova, E.P.Popova. Trudy LTA no.[illegible] '59.
Speeding up the hydrolysis of cellulose by grinding. V.I. Sharkov, O.A.Dmitrieva. Trudy LTA no.[illegible] '59.
Studying exchange-adsorption properties of [illegible] cellulose. G.M.Skurikhina, V.I.Ifitlev. Trudy LTA no.80 pt.2:[illegible] '59.
Using white sulfate liquor for refining [illegible] cellulose. IU.N.Nepenin, A.D.Busyakin. Trudy LTA no 80 pt.2:19 26 '59.

CELLULOSE ACETATE
Effect of the molecular weight and polydispersity of acetyl cellulose on the conditions of forming and on the properties of acetate fiber. V.A.Sokolova, Z.A.Rogovin Khim.volok. no.5:45 47 '59.

CEMENT
(see also subdivision under Krasnoyarsk)
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut khimii. [Cements based on local raw materials] TSementy na mestnom syr'e. Tashkent, 1959. 210 p.
Conditions favoring the formation of crystalline calcium carbonate during the solidification of certain cements [illegible] sh. B.I.Nudel'man. Uzb.khim.zhur. [illegible]
Effect of surface-activating additives on frost resistance of cement mortars with hydraulic additives P A Rebinder, D I Khrenov. Gidr stroi [illegible] no 15:13 15 D '59.
Practices of renovating cement mills. N.M.[illegible]. TSement 25 no.6:15-17 N-D '59.

CEMENT—BIBLIOGRAPHY see Bibliography - Cement

CEMENT—COLD WEATHER CONDITIONS
Using "winter" cement in building under winter conditions. A.V.Nazarov, V.I.Vasil'eva. Izv.vys.ucheb.zav., stroi.i arkhit. no.7:126-134 '59.

CEMENT—TESTING
Apparatus for determining the water permeability of cement at high temperatures and pressures. A.I. Bulatov. Zav.lab. 25 no.12:1545 '59.

CEMENT—TRANSPORTATION
Floating cement-unloading unit. V.N.Semenov. Biul. tekh.-ekon.inform. no.11:74-75 '59.
The S-570 motortruck for cement transportation. A I. Ratner. Biul.tekh.-ekon.inform. no.12:[illegible] '59.

CEMENT INDUSTRIES
(see also subdivision under [illegible])
[illegible]
Carrying out the [illegible]
[illegible]

CEMENT KILNS see subdivision under [illegible]

CEMENT PLANTS see [illegible] Province

CEMENTATION (METALLURGY)
Cementation of [illegible] Izv. AN Kazakh [illegible]
[illegible] steel [illegible]
Thermal processing [illegible]

CENTO see Central Treaty Organization

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION [illegible]
[illegible]

CENTRAL [illegible]
[illegible] tion in the Central [illegible]
(CIY)

CENTRAL SIBERIAN PLATEAU [illegible]
[illegible]

CENTRAL TREATY ORGANIZATION
[illegible]

CENTRIFUGAL PUMPS
Improving the [illegible] Sbor. st. CHPI no.12 [illegible]

CENTRIFUGATION
Hydrodynamic stresses [illegible] cylindrical [illegible] 15 121 131 '58
[illegible], N.A. [illegible] centrifugal [illegible] 1961. 119 p.

CENTRIFUGES
Air [illegible]
[illegible]
Starting period of the assembly [illegible] Trudy LTIKHP 17 [illegible]

CEPHALOPODA, FOSSIL see subdivision under [illegible]

CEPHEIDS
Four short period [illegible] A A [illegible]
Long period Cepheid [illegible]
Long period Cepheid [illegible]
Parameters of galactic [illegible]
[illegible]
Short period Cepheids [illegible]
[illegible]
Three short period Cepheids [illegible] no 20:11 Je '59

CERAMIC MATERIALS

(see also subdivision under Czechoslovakia)

New charging material for filters. F. Golikov. Zhil.-kom. khoz. 9 no. 12:17-18 '59

CERAMIC MATERIALS—TESTING

Investigating the elastic properties of some ceramic materials. V. Z. Petrova, A. I Avgustinik. Zhur prikl. khim. 32 no. 8 1678-1685 Ag '59

CERAMIC METALS

Aluminum metalloceramic materials. A. N. Filippov. Metalloved. i term. obr. met. no. 1:36-38 Ja '60.

Electrolytic treatment of metal-ceramic draw plates. N. V Sokolov, A. I. Levin Zhur. prikl. khim. 32 no 8 1774-1781 Ag '59.

CERAMICS

Scientific and technical coordinating conference on building and facing ceramics. N O. Sakharova Visnyk ABiA URSR no 4 76-77 '59

CEREAL PRODUCTS

Hydrophilic properties of groats in connection with their hydrothermal processing. F G Krivolapov, L I. Shilova Izv vys ucheb. zav., pishch tekh no 5:13-16 '59

Oxidation of ascorbic acid by various processed grain products N. I. Proskuriakov, E I Petrochenko Izv. vys. ucheb. zav., pishch. tekh. no 5:38-41 '59

CEREBELLUM

Origin of individual fibers in the cerebellar cortex [with summary in English]. A. S. Iontov. Arkh. anat. gist i embr 37 no 10:45-8 O '59

CEREBRAL CORTEX

Changes in the bioelectric mosaic of the cerebral cortex in depressive patients treated with iprazid [with summary in French]. F. A. Leibovich. Zhur. nerv. i psikh. 59 no. 12:1470-1479 '59.

Changes in the electric potentials of the cerebral cortex of dogs during prolonged muscular effort [with summary in English] V. A Novi Fiziol zhur [Ukr.] 5 no. 6: 711-718 N-D '59.

Changes in the neural apparatus of the pulmonary tissue due to various influences on the cerebral cortex. T. G. Oganesian. Arkh. anat gist. i embr 37 no. 10:77-79 '59

Changes in the neuron bodies following the application of experimental influences to the cerebral cortex [with summary in English] Hsü Ching. Arkh. anat. gist. i embr 37 no. 10:17-24 O '59

Compensatory function of the motor analysor following exclusion of visual reception. A. S. Batuev. Nauch. dokl. vys. shkoly; biol. nauki no. 2:63-66 '60.

Functional state of the higher nervous activity in cancer of the stomach. Report No. 2 [with summary in English]. IE M. Samundzhan. Fiziol. zhur. [Ukr.] 5 no. 6:813-821 N-D '59

CEREBROSPINAL FLUID

Analysis of the cerebrospinal fluid in cholesteatomas in the brain Chang Chi. Vrach. delo no 11 1137-1140 N '59

CERESIN

Separation of ceresin from petrolatum. V. D. Rodzaevskaia, N. P. Bilik. Proizv. smaz. mat. no. 5,27-33 '59.

CERIUM

Complex compounds of trihydroxyglutaric acid with cerium, neodymium, and samarium. N. K. Davidenko. Zhur. neorg. khim. 4 no. 11:2469-2475 N '59.

CERIUM—ANALYSIS

Comparative accuracy of certain gravity methods of determining cerium. S. A. Gusinskaia. Izv. vys. ucheb. zav.; chern met no 3:193-197 '60.

CERIUM—ISOTOPES

0^{+}--0^{+} transition in $Pr^{140} \rightarrow Ce^{140}$ decay. B. S. Dzhelepov, I. F. Uchevatkin, S. A. Shestopalova. Zhur. eksp. i teor. fiz. 37 no. 3:857-859 S '59.

CERIUM OXIDE

Phase constituents of the system CeO_2 - ZrO_2. S. F. Pal'guev, S. I. Aliamovskii, Z. S. Volchenkova. Zhur. neorg. khim. 4 no. 11:2571-2576 N '59.

CESAREAN SECTION

Ways of reducing mortality and complications in cesarean section. V. M. Utkin. Vop. okh. mat. i det. 4 no. 6:90 N-D '59.

CESIUM DICHROMATE

Synthesis of rubidium and cesium dichromates. I. V. Shakhno, V E. Pliushchev. Khim nauka i prom. 4 no. 5:685-686 '59.

CESIUM FLUORIDE—SPECTRA

X-ray examination of the system CsF - BeF_2. O. N. Breusov, IU. P. Simanov. Zhur. neorg. khim. 4 no. 11: 2582-2590 N '59.

CEYLON—TRADE UNIONS

Victories of Ceylon workers. M. G. Mendis. Vsem. prof. dvizh no. 6:25-27 Je '59.

CHAIKOVSKII, PETR IL'ICH, 1840-1893

Reference books on Chaikovskii ("Creative activities of Petr Il'ich Chaikovskii in materials and documents" by G. Dombaev, "Musical legacy of Chaikovskii". Reviewed by A. Orlova). Sov. muz. 24 no. 1:187-190 Ja '60.

CHAIN SAWS

Mechanized tool. N. Sharov, N. Shelcko. Pozh. delo. 5 no 12 27-28 D '59.

CHAINS

Bashmakov, V. P., and A. D. Dubinin. [Design of belt and chain transmissions] Raschet i proektirovanie remennykh i tsepnykh peredach. Kiev, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, [1959] 123 p. (Biblioteka konstruktora)

CHAINS (MATHEMATICS)

Imitation of the simplest Markov processes. IU. N. Shakhov. Izv. AN SSSR. Ser. mat. 23 no. 6:915-922 N-D '59.

CHALCOPYRITE

(see also subdivision under Degtyarka region, Ural Mountains; Urup region, Caucasus, Northern)

Behavior of chalcopyrite in oxidizing roasting. V. D. Ponomarev, E V Margulis. Vest AN Kazakh. SSR 15 no. 11:47-52 N '59.

CHAMBER MUSIC

Chamber evenings. D. Blagoi. Sov. muz. 24 no. 1:132-133 Ja '60.

CHAMBER ORCHESTRA see subdivision under Moscow

CHAMPAGNE (WINE)

Automatic lines for bottling bulk champagne and preparing bottles for shipment. A. K. Gambashidze. Vin SSSR 19 no 8:43-50 '59

CHANG, CHIN-T'UNG

The first Chinese correspondent of Lev Tolstoi. A. Shifman. Moskva 3 no 10 216-219 '59.

CHAPAEV, VASILII IVANOVICH, 1887-1919

Characteristics of a hero. E. Sholok. Moskva 3 no. 11: 217 '59.

CHAPLIN REGION—MAMMALS, FOSSIL

Domestic animals of the ancient town site of Chaplin V V. Shchehlova, L D Pobal' Vestsi AN BSSR. Ser biial nav. no 4 122-134 '59

CHARACTERISTICS, NATIONAL see National characteristics

CHARACTERS AND CHARACTERISTICS IN LITERATURE

Generous sentiment and callous soul. L. S. Sanov. Rad. lit no 6:47-53 N-D '59

"Man in the literature of ancient Russia" by D. S. Likhachev. Reviewed by Dm Moldavskii. Zvezda no. 1:217-218 Ja '60.

CHARENTS, EGISHE ABGAROVICH

Charents, fiery singer of the October Revolution [in Armenian with summary in Russian]. Gr. A. Sarkisian. Ist.-filol. zhur. no. 2/3:177-189 '59.

CHARTISM

The Utopian communism of Robert Owen and the Chartist movement [with summary in English]. A. M. Deborin. Vest. ist. mir. kul't. no. 6:3-16 N-D '59.

CHASTE TREE see subdivision under Georgia

CHATKAL RANGE—SUSLIKS

Ecology and practical significance of the relict suslik in the western part of the Chatkal Range. D. M. Petrov. Uzb. biol. zhur. no. 5:75-78 '59.

CHATKAL VALLEY—GLACIERS

On the number of ancient glaciations in the Sandalash basin (Chatkal River). M. M. Mamatkulov. Dokl. AN Uz. SSR no. 11:21-24 '59.

CHAUN BAY REGION—PALYNOLOGY

The average spore and pollen spectrum of the Arctic tundra subzone in the region of Chaun Bay. V. R. Filin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:96-102 '60.

CHAVCHAVADZE, IL'IA GRIGOR'EVICH, 1837-1907

Kalandadze, A. P. [Il'ia Chavchavadze State Museum in Kvareli] Gosudarstvennyi muzei Il'i Chavchavadze v Kvareli. Tbilisi, 1958. 104 p. [In Georgian.]
(MH)

CHAYAN DISTRICT—WORMWOOD

Biology of the wormwood Artemisia cina Berg. A. P. Gamalunova. Trudy Bot. inst. Ser. 6 no. 7:311-313 '59.

CHAYOTE

Extending the cultivation of sweet potatoes and chayote. M. M. Molodozhnikov. Trudy Bot. Inst. Ser. 6 no. 7: 157-159 '59.

CHEBARKUL', LAKE—ALGAE

Find of the green alga Aegagropila sauteri Kutz. in a new locality A. S Lobanova Bot. zhur. 44 no 11:1633 N '59

CHEBOKSARY DISTRICT—COLLECTIVE FARMS—AUDITING AND INSPECTION

Teaching chairmen of auditing commissions by example. N. D. Davydov. Uchet i fin. v kolkhoz. i sovkhoz. 1 no. 11:60-62 N '59.

CHEBYSHEV POLYNOMIALS

Shtager, V. V. [Chebyshev approximations used in calculations of electric circuits] Chebyshevskie priblizheniia, primeniaemye v raschetakh elektricheskikh skhem. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 78 p. (Lektsii po tekhnike sviazi)

CHECKERS

Concerning a book. N. Pustynnikov. Shakh v SSSR 36 no 12 377 D '59

I Kuperman, the champion of the world V Gorodetskii Ogonek 37 no 52 31 D '59

Plenum of the Checkers Federation S. Tambiev. Shakh. v SSSR 36 no. 12:376 D '59

TSirlik, Z. I. [Checker end games] Shashechnyi endshpil'. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 215 p.

CHECKERS—TOURNAMENTS

Success of youth. I. Kuperman. Shakh. v SSSR 36 no 12: 376-377 D '59

CHEESE

Activated fermentation agents for cheese making. IU. Mukhin. Moloch. prom. 20 no. 12:35-36 D '59.

Fruit cheese (from English recipes). T. Tatarinova. Obshchestv. pit. no. 12:16 D '59.

Method for the manufacture of pastelike (cheese) emulsions. N. I. Kozin, N. V. Starodubtsev. Izv vys. ucheb zav.; pishch tekh. no. 5:130-136 '59.

New developments in the preparation of raw products of cheese processing. M. Lishofat. Moloch. prom. 20 no. 12:34 D '59.

CHEESE—BACTERIOLOGY see subdivision under Great Britain

CHEESE FACTORIES see subdivision under Novo-Pokrovskaya

CHEKHOV, ANTON PAVLOVICH, 1860-1904

A. P Chekhov. G. Pospelov. Chto chitat' 2 no 12:16-18 D '59.

A. P. Chekhov. V. V. Litvinov. Nach. shkola 28 no. 1:72-81 Ja '60.

A. P. Chekhov about children. N. R. Pentiukhova. Doshk. vosp. 33 no. 1 59-62 Ja '60.

A. P. Chekhov's story "A dull tale" and the prototype of its hero. on the 100th birthday of A. P. Chekhov. E. B. Meve. Sov zdrav 19 no 1:58-64 '60.

Atheistic views of A P. Chekhov. V. Romanenko Nauka i zhyttia 9 no. 10,53-55 O '59

The beginning of an epoch. M. Turovskaia. Teatr 21 no. 1:17-30 Ja '60.

Birth of a Chekhov play. S. Vladimirskii, S. Tsits. Isk. kino no. 1:102-124 Ja '60.

Career through the theater. E. Surkov. Teatr 21 no. 1: 47-62 Ja '60.

Chekhov. Teatr 21 no. 1:5-8 Ja '60.

Chekhov and Soviet drama. M. Shoeva. Teatr 21 no. 1: 69-83 Ja '60

Chekhov at the Vakhtangov Theater. Ruben Simonov. Teatr 21 no. 1:104-107 Ja '60.

Chekhov Days. Vest. AN SSSR 30 no. 4:144-145 Ap '60.

Chekhov in foreign countries. A. Gus'kova. Chto chitat' 2 no. 12:19 D '59.

Chekhov in our lives. Aleksei Arb
21 no. 1:9-16, 39-40, 63-68, 8

Chekhov in Yalta; sketches.
shkola 15 no. 1:16-18 Ja

Chekhov is joking. Teatr 21

Chekhov's plays at the Mosc
no. 1:162 Ja '60.

Chekhov's spirit. F. Raneva
no. 1:93-101 Ja '60.

Chekhov's stories about chil
i shkola 15 no. 1 13 Ja '6

Chekhov's titles. M. Semin
Ja '60.

Dangers and temptations. A.
119 Ja '60.

Forgotten pages. Teatr 21

Found days. N. Gitovich. Te

From the stage-director's s
Nemirovich-Danchenko. T

From the stage-director's s
K. S. Stanislavskii. Teatr 2

From unpublished letters wr
Knipper-Chekhova. Teatr

Great soul. Sov. Soiuz. no.

A happy evening. V. Smurov
18-19 Ja '60.

CHEKHOV, ANTON PAVLOVICH, 1860-1904 (Continued)

Kachalov and Chekhov. V. Vilenkin. Teatr 21 no. 1:128-132 Ja '60

Marginal notes. A. Vladimirskaia. Teatr 21 no. 1,157-159 Ja '60.

Meve, E. B. [Pages from the life of A. P. Chekhov, the work and illness of the writer and physician] Stranitsy iz zhizni A. P. Chekhova, trud i bolezn' pisatelia-vracha. Khar'kov, Khar'kovskoe med. ob-vo, 1959. 108 p.

Ocean of humane feelings V Prozhohin Ukraina no 2 17 Ja '60

On the occasion of the anniversary of A. P. Chekhov. M. Fateev. Lit. v shkole 20 no. 6,88-91 N-D '59.

On the poetics of Chekhov's dramas K Rudnitskii. Teatr 21 no 1:117-127 Ja '60

On the Soviet stage. Teatr 21 no. 1:163-164 Ja '60.

Our Chekhov E D Ashurkov Zdorov'e 6 no 1 7-8 Ja '60

Our wise friend. L. Pogozheva. Isk. kino no. 1:91-93 Ja '60.

Papernyi, Z. S. [In man everything should be fine; on the centenary of the birth of A. P. Chekhov] V cheloveke dolzhno byt' vse prekrasno; k 100-letiiu so dnia rozhdeniia A. P. Chekhova. Moskva, Soiuz sovetskikh ob-v druzhby i kul'turnoi sviazi s zarubezhnymi stranami [1960] 24 p
(MH)

Petr Ivanovich Kurkin and Anton Pavlovich Chekhov; on the 25th anniversary of P. I. Kurkin's death E IA. Belitskaia Gig. i san 24 no 12 48-52 D '59.

Problems of Russian life in A. P. Chekhov's tale "The steppe." G Berdnikov Zvezda no 1:164-170 Ja '60.

Theatrical motives in Chekhov's fiction. L. Freidkina. Teatr 21 no. 1 134-137 Ja '60

Through the years M. Knebel'. Teatr 21 no. 1:90-103 Ja '60.

Work in the life and writings of Chekhov. G. I. Belen'kii, I. E Kaplan Lit. v shkole 20 no. 6,7-14 N-D '59.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—BIBLIOGRAPHY see Bibliography—Chekhov, Anton Pavlovich, 1860-1904

CHEKHOV, ANTON PAVLOVICH, 1860-1904—HOMES AND HAUNTS

What does Sergei Chekhov paint? M Halushko Ukraina no 24 19 D '59

CHEKHOVA, OL'GA LEONARDOVNA (KNIPPER), 1870-1959

Admonishing the young. I. Posel'skii. Isk. kino no. 1:124-125 Ja '60.

From unpublished letters written to A. P. Chekhov. O. L. Knipper-Chekhova Teatr 21 no 1 152-156 Ja '60

CHELYABINSK—FIRE DEPARTMENTS

Competition of Chelyabinsk firemen. A. Svistunov. Pozh. delo. 5 no. 12,16-17 D '59

CHELYABINSK—SCHOOL LUNCHROOMS, CAFETERIAS, ETC

"Our student dining room." D. Konstantinovskii. Obshchestv. pit. no. 10;36-37 O '59.

CHELYABINSK BASIN—COAL MINES AND MINING

Large force making effort for the fulfillment of the seven-year plan. A. Bobrenev. Mast. ugl. 8 no. 2:18-19 F '59.

CHELYABINSK BASIN—OSTRACODA, FOSSIL

New genus of the family Cypridae W. Baird 1845. P. S. Liubimova Trudy VNIGRI no 136:390-392 '59

CHELYABINSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

After the contest. N. Uzbekov. Obshchestv. pit. no. 10:30 O '59.

Semiprepared food products' shops. E. Rzhevskii. Obshchestv. pit. no. 10:35 O '59.

CHELYABINSK PROVINCE—VOCATIONAL EDUCATION

Inculcating the qualities of a worker in a socialist economy. S. Matushkin. Nar. obr. no. 5:39-44 My '60.

CHEMICAL APPARATUS

Brief reports. Zav. lab. no. 11:1403-1404 '59.

Letter to the editorial office. B. A. Dogadkin. Koll. zhur. 21 no. 6,762 N-D '59.

Regulating the flow of pouring materials by the injection of a gas stream. A. R. Brun-TSekhovoi. Zhur. prikl. khim. 31 no. 4:634-635 Ap '58.

CHEMICAL BONDS

Determination of the energy of the bond between carbon and the surface of a nickel catalyst. S. L. Kiperman. Izv. AN SSSR Otd. khim. nauk. no. 3:563-565 '60.

Kinetic determination of the energies of the bonds between H, C, and O atoms, and the V_2O_3 catalyst. A. A. Balandin, N. P. Sokolova. Izv. AN SSSR Otd. khim. nauk. no. 3:398-408 '60.

Structural characteristics of certain single bonds in multiple bond systems. M. I. Batuev. Izv. AN SSSR Otd. khim. nauk. no. 3:558-560 '60.

Study of the relative reactivity of the multiple bond in organometallic compounds of group IV, using the method of rhodanic numbers. A. A. Bugorkova, V. F. Mironov, A. D. Petrov. Izv. AN SSSR Otd. khim. nauk. no. 3:474-479 '60.

CHEMICAL ELEMENTS

D. I. Mendeleev's period law and new chemical elements. S A Balezin Uch zap. MGZPI 2:96-104 '59.

Plants-alchemists. E. Michel. IUn. tekh. 4 no. 11,66-67 N '59.

CHEMICAL ENGINEERING

Application of the theory of similitude to the study of the processes of chemical technology. P. G. Romankov, A. A. Medvedev. Zhur. prikl. khim. 32 no. 12:2632-2638 D '59.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES (see also subdivision under Penza)

At the Scientific and Technical Council of the All-Union Scientific Research Institute for Oxygen Apparatus and Machinery. Kislorod 12 no. 6:65 '59.

Centering of machines. V. M. Grushevskii. Kislorod 12 no. 6:38-42 '59.

Epshtein, D. A. [Visual aids in the study of chemical industries in secondary schools, description of the aids and methods of using them] Nagliadnye posobie po khimicheskim proizvodstvam dlia srednei shkoly, opisanie posobii i metodika ikh ispol'zovaniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1958. 105 p. (Politekhnicheskoe obuchenie v shkole)

Low-temperature turboexpanders. A. A. Trokhin. Kislorod 12 no. 6:55-61 '59.

New tubular heaters for the conversion of hydrocarbon gases V I. Zhunko, V L. Klimenko Trudy VNIIT no 8 113-132 '59

Taking real gas parameters into account in calculating turboexpander nozzles. V. I. Epifanova. Kislorod 12 no. 6:23-29 '59.

CHEMICAL ENGINEERING—SAFETY MEASURES

Ignition of inflammable gas mixtures by heated solids and problems involving safety measures. A. I. Rozlovskii, I. S. Roizen, P. G. Sushchev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:962-973 '59.

CHEMICAL INDUSTRIES

(see also subdivision under China, Lisichansk, Lugansk Province; Orenburg Province; Rubezhnoye, Rumania; Ufa)

Method for transferring chemical industry shops to the wage groups of engineering and technical workers B. Latov, A. Mel'nichenko. Sots. trud no. 12,74-78 D '58.

Rakovskii, V. E. [Solid fuel as chemical raw material] Tverdoe toplivo kak khimicheskoe syr'e. Moskva, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 31 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Chemical industry of the U. S. S. R.] Khimicheskaia promyshlennost' SSSR. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 457 p.

CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Conference on standardization in the chemical-machinery industry. IA. V. Shuliko. Standartizatsiia 23 no. 11. 54-55 N '59.

Fitting out new chemical enterprises with modern refrigerating equipment. L Ermolin. Khol. tekh 36 no. 6:57 N-D '59.

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS see subdivision under Stalinogorsk

CHEMICAL INDUSTRIES—LABOR PRODUCTIVITY

Labor expenditure for productive and its role in developing sources for increasing labor productivity (as exemplified by the chemical industry). I. A. Pykhova. Kauch. i rez. 18 no. 12:42-47 D '59.

CHEMICAL LABORATORIES

Portable agrochemical laboratory. V. Morozova. IUn. tekh. 4 no. 11:59-61 N '59.

CHEMICAL PLANTS see subdivision under Voskresensk

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION see subdivision under Yaroslavl

CHEMICAL REACTION, RATE OF

Akademiia nauk SSSR. [Kinetics and catalysis] Kinetika i kataliz. Moskva, 1960. 269 p.

Effect of the rate of generation of active centers on the kinetics of chain reactions with degenerate branching and quadratic breaking of the chains [with summary in English] D. G. Knorre, V. L Pikaeva, N. M. Emanuel'. Zhur. fiz. khim. 33 no. 12:2660-2667 D '59.

Participation of the solvent in the formation of the activated complex in Menshutkin reactions. Report No. 1: Kinetics of the reaction between pyridine and ethyl iodide in ethyl alcohol at pressures up to 2000 kg./cm^2. M. G. Gonikberg, B. S. El'ianov. Izv. AN SSSR Otd. khim. nauk. no. 3:413-418 '60.

CHEMICAL SOCIETIES

First meeting of young chemists. IUn. tekh. [illegible] 34 N '59.

CHEMICAL WORKERS

On the road to large scale chemical industry [illegible] tekh. obr. 16 no. 12:7 D '59.

CHEMICALS see subdivision under Stalinogorsk

CHEMISTRY

Golubtsov, V. A., and others eds. [Handbook for the chemist or power engineer in three volumes] Spravochnik khimika energetika v trekh tomakh [illegible] Gos. energ. izd-vo.
Vol. 1. Akol'zin, P. A., and others [Reference materials for general use] Spravochnye materialy obshchego naznacheniia. 1959 327 p.

CHEMISTRY—ABSTRACTS

[Chemistry; abstracts nos. 29501-37547.] Referativnyi zhurnal: Khimiia nos. 8-9 Ap-My '60

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Eighth Mendeleev Congress on Pure and Applied [illegible] V. V. Kozlov, S. I. Vol'fkovich. Usp. khim. [illegible] 1399 1449 D '59.

CHEMISTRY—DICTIONARIES

Akademiia nauk URSR, Kiev. [Russian-Ukrainian chemical dictionary, 6000 words and terms] Russko-[illegible] skii khimicheskii slovar', 6000 terminov. [illegible] Nekrasch, IU. P. Nazarenko i V. P. Chernetskii. [illegible] 1959. 204 p.

CHEMISTRY—STUDY AND TEACHING

Science of the future IU. Khodakov. [illegible] no 1 7-9 Ja '60

Section of chemistry teachers. Rad shk 38 [illegible] D '59

CHEMISTRY, AGRICULTURAL see Chemistry agricultural

CHEMISTRY, ANALYTICAL

Crystallochemical basis for the general [illegible] tive analysis G B Bokii, S S Batsanov [illegible] AN SSSR no 10 66-73 '59

Differential-thermal phase analysis. G. B. [illegible] Moiseev. Itogi nauki: Khim nauki 4:[illegible]

Separation of organic substances from systems [illegible] of determining their purity. G. B. Ravich, [illegible] nova, N P. Kuznetsova Itogi nauki: Khim [illegible] 210-236 '59.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, BOTANICAL see Botanical chemistry

CHEMISTRY, INORGANIC—CONGRESSES

Conference on inorganic chemistry in Bratislava [illegible] Bolinov, E. A. Zhemchuzhina. Izv. vys. ucheb. zav. [illegible] tsvet. met. 2 no. 6:201-202 '59.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL (see also subdivision under Czechoslovakia)

Maiofis, L. S. [Technology of pharmaceutical chemical preparations] Tekhnologiia khimiko-farmatsevticheskikh preparatov. [Leningrad] Gos. izd-vo med. lit. Leningr. otd-nie, 1958. 537 p.

"Pharmaceutical chemistry" by P. I. [illegible] V. G. IAkutovich. Apt. delo 8 no. 6,81-85 [illegible]

CHEMISTRY, METALLURGIC

Investigating the kinetics of ferrous oxide [illegible] solid carbon at temperatures exceeding [illegible] dakov, D. I. Ryzhonkov, D. M. Golenko. [illegible] zav., chern. met no. 4:23-28 '60.

Reaction of silicon carbide with metals and [illegible] making of ferroalloys V. A. Kravchenko [illegible] Izv. vys. ucheb zav., chern. met. no 4:[illegible]

Some problems connected with the fusion of lead [illegible] charges containing soda. V. S. Ageenkov, IA [illegible] Izv. vys. ucheb. zav.; tsvet met 2 no. 6 [illegible]

CHEMISTRY, ORGANIC

Circular electronic transfer in the interpretation [illegible] reactions of organic chemistry. J. Mathieu, [illegible] Usp. khim. 28 no. 10:1216-1266 O '59.

Khotinskii, E. S. [Course in organic chemistry] Kurs organicheskoi khimii. Izd. 4., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 723 p.

CHEMISTRY, ORGANIC—SYNTHESIS

Cis- and trans-1-halobutadienes and their relation [illegible] diene synthesis. A. S. Onishchenko, N I Aronova Dokl. AN SSSR 132 no 1 138-140 My '60

Invading the chemical reaction A. N Bashkirov [illegible] Kamzolkin Znan sila 34 no 12 4-5 D '59

CHEMISTRY, PHYSICAL AND THEORETICAL

Component activity of molten CaO - Al_2O_3 - SiO_2 systems. I T. Sryvalin, O A Esin. Izv vys. ucheb. zav , chern met 2 no. 8:9-16 Ag '59.

Konferentsiia po fiziko-khimicheskim osnovam proizvodstva stali, 4th. [Physicochemical principles of steelmaking, transactions of the 4th Conference on Physicochemical Principles of Steelmaking] Fiziko-khimicheskie osnovy proizvodstva stali, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 419 p.

CHEMISTRY, SURFACE see Surface chemistry

CHEMISTRY, TECHNICAL

Annotations of the scientific research work performed at the institute in 1957 Trudy LTIKHP 15:213-227 '58

For closer contact between science and industry. I. Shulov. Prom. koop. 13 no. 12 14-15 D '59.

CHEMISTRY, TECHNICAL—CONGRESSES

Development of the Kazakh chemical industry. Vest. AN Kazakh SSR 15 no. 12 95 D '59.

CHEMOTHERAPY

Basic trends in the development of drug therapy for parasitic diseases in the U. S. S. R. Sh. D. Moshkovskii. Med. paraz. i paraz. bol. 26 no. 6 650-657 N-D '57.

Symposium on problems of drug and hormone therapy of malignant tumors. IA M Telengator, L. I Korenevskii Vrach. delo no 11 1215-1217 N '59

CHENG HO, 1371-1435

Visits of Cheng Ho's marine expeditions to African countries at the beginning of the 15th century. A. A. Bokshchanin. Vest ist mir. kul't, no. 6:87-98 N-D '59.

CHEPURIN, NIKOLAI STEPANOVICH, 1895-1959

Nikolai Stepanovich Chepurin; obituary. Vest. oft. 72 no. 4 64 Jl-Ag '59.

CHEREMKHOVO BASIN—STRIP MINING—LABOR PRODUCTIVITY

Work practices of a progressive brigade operating the SE-3 excavator V. Bessonov. Ugol' 34 no. 12:23-24 D '59.

CHEREPANOVO DISTRICT—FARM MECHANIZATION

Youth is our decisive force. D. Paramonov. Sel'. mekh. no. 12:13-14 '59.

CHEREPOVETS—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Gogulin, V. F. [Party control and audit of a plan carried out by an industrial enterprise, from work practice of the Cherepovets Metallurgical Plant Party Organization and the Cherepovets CPSU City Committee] Partiinyi kontrol' i proverka ispolneniia na predpriiatii; iz opyta raboty partorganizatsii Cherepovetskogo metallurgicheskogo zavoda i Cherepovetskogo gorkoma KPSS. Vologda, Obl knizhnaia red., 1957. 102 p. (Iz opyta partiino-politicheskikh raboty)

CHEREPOVETS—IRON AND STEELWORKERS

The great right A Gerber. Smena 36 no. 23:1-4 D '59

CHEREPOVETS—METALLURGICAL PLANTS

Gogulin, V. F. [Party control and audit of a plan carried out by an industrial enterprise; from work practice of the Cherepovets Metallurgical Plant Party Organization and the Cherepovets CPSU City Committee] Partiinyi kontrol' i proverka ispolneniia na predpriiatii; iz opyta raboty partorganizatsii Cherepovetskogo metallurgicheskogo zavoda i Cherepovetskogo gorkoma KPSS. Vologda, Obl. knizhnaia red., 1957. 102 p. (Iz opyta partiino-politicheskikh raboty)

CHERKASSY—HARBORS

New port on the Dnieper. L Vakhnina. Ukraina no 2 5 Ja '60

CHERKASSY PROVINCE—ARMENIANS

When and from where did Armenians transmigrate to Cherkassy? [in Armenian with summary in Russian]. Kh. A. Porksheian. Ist. -filol. zhur. no. 2/3:232-246 '59.

CHERKASSY PROVINCE—BEETS

Piecework wages on a state farm. D. Sal'nikov. Sots. trud no. 12 125-127 D '59.

CHERKASSY PROVINCE—FARM MECHANIZATION

Let's intensify the over-all mechanization of stockbreeding B. Vol'tovskii Komm Ukr 35 no 11 11-14 N '59

CHERNAYA RIVER (ABKHAZIA)—FISHES

Some features of the biology of fish fauna in the Chernaya River (Abkhazia). D. A. Panov. Trudy Mosk. tekh. inst. ryb. prom. i khoz no. 10:219-232 '59.

CHERNIGOV PROVINCE—FARM BUILDINGS

Let's build high-quality buildings for the communal livestock. I. Myronenko. Sil'. bud. 9 no. 11:10-11 N '59.

CHERNIGOV PROVINCE—FUR FARMING

On registered fur farms of Chernigov Province. Iv. Dremov. Okh. i okh. khoz. 5 no. 11:8-10 N '59.

CHERNIKOVKS—PACKING HOUSES—EQUIPMENT AND SUPPLIES

Mechanization of the loading and unloading of meat. F. Sibgatullin. Mias ind SSSR 30 no 2:40 '59.

CHERNORECH'YE (CHECHEN-INGUSH A. S. S R.)

One of the industrial villages in the Chechen-Ingush A. S. S. R A. Zolotaiko. Neftianik 3 no. 10 33 O '58

CHERNOV, DMITRII KONSTANTINOVICH, 1839-1921

Founder of metallography NTO no 11:64 N '59

CHERNOVTSY—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Chernovtsy Ophthalmological Society for 1958. B L Radzikhovskii, K. S Titenko. Oft zhur. 14 no. 6:380-381 '59

CHERNOVTSY PROVINCE—FOLKLORE, UKRAINIAN

Conference of the students of Bukovina folklore. I. Serediuk. Nar. tvorch. ta etn. 3 no. 3:137-139 Jl-S '59.

CHERNOZEM SOILS

(see also subdivision under Caucasus, Northern; North Kazakhstan Province)

Some characteristics of humus in Chernozem soils as related to the composition of vegetation and the nature of the carbonate horizon. E. S. Migunova Vest. Mosk. un Ser biol , pochv., geol., geog. 14 no. 2:69-74 '59.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Centuries of roots. M IAnovskaia Oktiabr' 38 no 11 173-180 N '59

The main features of N. G. Chernyshevskii's materialism. S. Sh Gabaraev Izv. IUgo-Oset nauch -issl. inst. no 9, 226-283 '58.

Nikolaev, M. P. [N. G. Chernyshevskii; seminars] N. G. Chernyshevskii, seminarii. Izd. 2., perer. i dop. Leningrad, Uchpedgiz, 1959. 244 p.
(MH)

CHERRY see subdivision under Vinnitsa Province

CHERTOV, ALEKSANDR ALEKSANDROVICH, 1859-1929

A A Chertov; on the 100th anniversary of his birthday L K Khotsianov Gig i san 24 no 11:40-41 N '59

CHESS

(see also subdivision under Shatura)

Chess Ogonek 37 no. 52 29 D '59

Chess V Liublinskii Smena 36 no. 23:24 D '59

Chess champion and power engineer. A. Iglitskii, E. Umnov. IUn. tekh. 4 no. 12:39-40 D '59.

Fifteen thousand participants. V. Liublinskii. Smena 36 no. 24:21 D '59.

How to describe a chess game. Ukraina no. 23:30 D '59.

IUdovich, M. M. [Stories about chess] Rasskazy o shakhmatakh. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 108 p.

Korol'kov, V. A., and V. A. Chekhover. [Selected problems by A. A. Troitskii] Izbrannye etiudy A. A. Troitskogo. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 183 p.

Love and chess A. Gerbatman. Sov Kazakh. 25 no 5: 127-128 My '59

A man of progress. IU. Averbakh and others Sem'ia i shkola 15 no 1 3 Ja '60

Raise and train young chess players. Shakh. v SSSR 36 no. 12:353-354 D '59.

When you are hard pressed for time. A. Khavin. Znan. ta pratsia no. 12:32 D '59.

CHESS—BIBLIOGRAPHY see Bibliography—Chess

CHESS—END GAMES

Using combinations in end games A. Chistiakov. Shakh. v SSSR 36 no. 12:359-361 D '59.

CHESS—OPENINGS

An interesting possibility. P. Obolenskii. Shakh v SSSR 36 no. 12:365 D '59

CHESS—TOURNAMENTS

(see also subdivision under Krakow; Leningrad; Moscow; Peiping, Ukraine)

Competition was keen. V. Abroskin. Zhizn' glukh. 12 no. 11:17 N '59.

Games and endings. Shakh. v SSSR 36 no 12.363-365 D '59

Results of the tournament of candidates for the title of master M. Tahl. Shakh. v SSSR 36 no. 12 354-358 D '59.

Tournament tactics. A. Koblents Shakh. v SSSR 36 no. 12:361-362 D '59.

Tournaments of women chess players. I. Berezin, T. Strandstrem. Shakh. v SSSR 36 no. 12 368-369 D '59

CHESS PROBLEMS

Results of the competition for best three-move problems in 1958. E. Umnov, V. Nikolaev. Shakh. v SSSR 36 no 12 380 D '59.

Solution of problems and studies. Shakh. v SSSR 36 no 12: 381-382 D '59.

Too ardent admirers of somebody else's problems R Kofman Shakh v SSSR 36 no 12 381 D '59

Try to solve following problems Shakh v SSSR 36 no 12 382 D '59

CHEST—SURGERY

Disturbances in heart action following chest surgery. E V Ponomarev, R P. Nekliudov Nov khir zhur no 6:40-53 N-D '59

CHEST—WOUNDS AND INJURIES

Penetrating wound of the chest with injury of the left ventricle of the heart A. F Maltshevskaia. Nov khir zhur no 6:114 N-D '59

Role of chest injury in pulmonary tuberculosis. N P. Pyrtina. Sud. -med. ekspert. 2 no. 1.3-6 '59.

CHESTNUT see subdivision under Black Sea region

CHEVKINITE see subdivision under Koyvy Upland

CHIATURA REGION (GEORGIA)—MANGANESE ORES

Similarities and dissimilarities of the Nikopol' and the Chiatura manganese deposits. V. A. Perederiev. Izv. vys. ucheb zav.; geol. i razv. 2 no. 8:116-122 Ag '59

CHICKEN POX

Stuks, G. G. [Chicken pox] Vetrianaia ospa. Moskva, Gos izd-vo med. lit-ry, 1958. 50 p. (Bibliotechka prakticheskogo vracha)
(DNLM)

CHILD STUDY

Development of object identification in one and two-year old children [with summary in English] Z. Babska, Vop. psikhol. 5 no. 6 131-138 N-D '59

History of pedological studies in the U. S. S. R. T. K Chugunov Vest Inst po izuch. SSSR no 3 85-97 Jl-S '59

How preschool children differentiate the size of objects. V K Kotyrlo Doshk vosp. 33 no. 1:39-45 Ja '60

Prevention of children's neuroses. S. Feinberg. Sem'ia i shkola 13 no. 3 15-17 Mr '58.

"Problems of the higher nervous activity of the normal and abnormal child " Volume 2 Edited by A R. Luria Reviewed by A. V Zaporozhets. Vop psikhol 5 no 6 164-168 N-D '59.

CHILD WELFARE

Hygiene of children and adolescents in Czechoslovakia F IAnda Gig i san 24 no. 11 58-60 N '59.

CHILDREN

Editor's mail. Sem'ia i shkola 15 no 1:30 31 Ja '60.

In our yard. Z. Chinnova. Sem'ia i shkola 14 no. 12:12-14 D '59.

It is not easy to be a parent. K. Fohor. Sem'ia i shkola 14 no. 12.15-16 D '59.

Tots are talking. E. Auerbakh. Sem'ia i shkola 15 no. 1 11 Ja '60.

CHILDREN—CARE AND HYGIENE

(see also subdivision under Czechoslovakia)

Day nursery and kindergarten together. D. Orlova, Zdorov'e 5 no. 12:16-17 D '59.

Education and health. L. V. Pimanova. Zdorov'e 5 no. 12: 4-6 D '59.

In day nurseries and in the family. V. Dobrottser, Sem'ia i shkola 11 no. 12:7-9 D '59.

In the Ministry of Public Health of the Ukrainian S S. R. Vrach delo no 11:1225-1226 N '59.

On the article by M. A Sharova, E A Timokhina, O V Kalnina, G G IAstrebov N P. Vaizman. Gig. i san 24 no 11 66 N '59

Organization of psychoneurological care for children in the R. S. F. S. R. G. E. Sukharova. Vop. okh. mat. i det. 4 no. 6:54-59 N-D '59.

Resolutions adopted at the scientific session and republic conference. Oft. zhur. 14 no. 7:444-447 '59.

So that our children are in good health. L. Churko. Belarus' 16 no. 11:15 N '59.

Take care of your children's hearing. V. Trutnov. Sem'ia i shkola 14 no. 12:39-40 D '59.

CHILDREN—CARE AND HYGIENE—BIBLIOGRAPHY see Bibliography—Children—Care and hygiene

CHILDREN—DISEASES

Method of studying morbidity in children. M. M. Mazur. Vop. okh. mat. i det. 4 no. 6:74-76 N-D '59.

CHILDREN—EMPLOYMENT

"School brigades on collective farms." Reviewed by B. Semenov. Sel'. mekh. no. 12:41-42 '59.

We should strengthen the ties of our schools with industrial enterprises P. IU. Sablin. Rad shk. 38 no. 12: 27-29 D '59.

CHILDREN—HOSPITALS

(see also subdivision under Chita; Minsk; Shira, Lake)

"Children's sanatoriums" by N. M. Dmitrieva, V. A. Lebedeva. Reviewed by E. S. Abramson. Vop. okh. mat. i det. 4 no. 6:83-84 N-D '59.

CHILDREN—INSTITUTIONAL CARE see subdivision under Gorkiy Province; Leningrad Province

CHILDREN—MANAGEMENT
But it helped... V. Kondrashov. Sem'ia i shkola 13 no.3 14 Mr '58.
Experience in organizing socially useful work in schools R D Brusnichkina Nach. shkola 27 no 12 32-40 D '59.
From the diary.... I. Mitina. Nar. obr. no.5·90-95 My '60.
A golden key. A. Bessmertnyi. Ogonek 38 no.3 15-16 Ja '60.
Here children take part in socially useful work. L E. Moskvina Nach shkola 27 no 12 41-46 D '59
How to inculcate in children respect for adults' work. G.F. Saenko. Nach. shkola 28 no.1:40-44 Ja '60.
How we rear our ten children V T Piven' Ukraina no 2.31 Ja '60
Influence of work habits on children's behavior Z. D. Romashkova Doshk vosp. 33 no 1 26-28 Ja '60.
Let's clearly determine the objectives of the program. R. Danilova Doshk. vykh 20 no.12·33-34 D '59.
Let's have more books about class advisers ("Essays on the methods of class advisers' work" by N. Boldyrev. Reviewed by L. Ingulova). Nar. obr. no.5:129-131 My '60.
Our remarks. N. Lavrychenko. Doshk. vykh. 20 no 12· 34-35 D '59
Role of grade supervisers in inculcating the principles of the "Rules for students." T. Karotkina. Sov. shkola no.6:24-30 N-D '59.
Self-servicing in schools Sem'ia i shkola 15 no 1 12,22 Ja '60.
Sense of proportion in character training. V. Gmurman. Sem'ia i shkola 13 no.3 23-24 Mr '58.
Some methods of developing voluntary discipline in the pupils of lower grades. M. Mialeshka. Sov. shkola no.6 35-40 N-D '59.
Suggestions of preschool personnel shouldn't be ignored. V. Savchenko. Doshk vykh 20 no.12:31-33 D '59
This draft of the program should be improved. F. Ponomarenko Doshk vykh 20 no.12:29-31 D '59.
Training and inculcation of diligence in primary grade students L. A Vysotina. Sov pedag. 23 no.12:58-65 D '59.
Trust your children more. F. Susloparova. Sem'ia i shkola 13 no.3·18-19 Mr '58.

CHILDREN—MANAGEMENT—BIBLIOGRAPHY see Bibliography—Children—Management

CHILDREN—NUTRITION
Lebedev, D.D. [How to deal with poor appetite in children] Kak borot'sia s plokhim appetitom u detei. Moskva, Medgiz, 1958. 13 p. (Sovety roditeliam) (DNLM)

CHILDREN—WOUNDS AND INJURIES see subdivision under Leningrad

CHILDREN, BLIND
Characteristics of children who have lost their sight and educational work with them at schools for the blind. V. M. Sretenskaia. Izv. APN no.96.65-128 '59.

CHILDREN AS ARTISTS
Drawings by children. G. Labunskaia. Iskusstvo 22 no.11: 35-37 '59.

CHILDREN'S CLOTHING
(see also subdivision under Astrakhan Province)
Hunt for a layette S Sinel'nikov Ogonek 37 no 52·8 D '59
Not enough fabrics, trimmings, and furnsihings for children's clothing. V. G. Trokhov. Shvein. prom. no.6: 39 N-D '59.

CHILDREN'S CLUBS
A club is learning to appreciate Russian painting. O. M. Tuberovskaia. Nach. shkola 28 no.1:65-71 Ja '60.
Two years' work of a German club. E. Beregovskaia. Inostr. iaz v shkole no 6:123-124 N-D '59

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES
One more volume of the "Children's encyclopedia." B. B. Nar. obr. no.5·135 My '60.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE
Extracurricular reading for children. Sem'ia i shkola 13 no.3:32-33 Mr '58.
A new publishing house for children's literature. I. Boronetskii. Sem'ia i shkola 13 no.3:38-39 Mr '58.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM
Books on the world of miracles. V. Elagin. Sem'ia i shkola 15 no 1 35-38 Ja '60

CHILDREN'S MUSEUMS
Let's have more technical museums in schools. N. Vertinskii. Nar. obr. no.5:60-64 My '60.

CHILE—THEATER
Experimental theater in Chile. Vsem stud. nov. 13 no 12· 7-8 D '59

CHILE—TRADE UNIONS—CONGRESSES
Third National Conference of the United Trade Union Center of Chilean workers. R. Lara Vsem. prof. dvizh no 6 19-22 Je '59

CHIM-KURGAN (SOVETSKII DISTRICT)—STONE IMPLEMENTS
Individual findings of the Stone Age articles in 1957. V. A. Ranov. Trudy AN Tadzh SSR 103 163-165 '59.

CHIMKENT—LEAD INDUSTRY
Inquisitive people A. Golant. Part. zhizn' Kazakh. 28 no.6 18-20 Je '59

CHIMKENT—TECHNICAL EDUCATION
Education of future specialists. O. Kamardinov. Part. zhizn' Kazakh. 28 no 6:65-68 Je '59

CHINA
Tenth anniversary of the Chinese People's Republic I I Matveenkov Izv. Sib otd AN SSSR no 10 142-143 '59
The year 1959 Druzhba no 52 29-31 D '59.

CHINA—ACTORS
Eternally living image. Sovr. Vost. no.4·23 Ap '60.

CHINA—ADULT EDUCATION
Towards enlightenment and knowledge! Hsin Mei Druzhba no 49 25 D '59

CHINA—AGRICULTURAL CHEMISTRY
Progress of soil and agricultural chemistry in China during 10 years Li Ch'eng-kwei. Pochvovedenie no 12:69-77 D '59

CHINA—AGRICULTURE
Korkunov, L., and others. [Socialist transformation of agriculture in the Chinese People's Republic, 1949-1957] Sotsialisticheskoe preobrazovanie sel'skogo khoziaistva v Kitaiskoi Narodnoi Respublike, 1949-1957 206 p.

CHINA—AGRICULTURE, COOOPERATIVE
Land rent in an agricultural cooperative of the lower type in the Chinese People's Republic. Hsu Shu-chuan. Nauch dokl. vys. shkoly, ekon. nauki no.4:85-91 '59.

CHINA—AGRICULTURISTS
Badovan Street in Peking. V. Ukrains'kyi Ukraina no 24 19 D '59.

CHINA—ANATOMY
Survey of the history of anatomy in China. Ts'ang Yu-ch'uang. Arkh. anat. gist. i embr 37 no.10:3-16 O '59.

CHINA—APPENDICITIS
How Chinese medicine treats appendicitis. Yu Tien-min, Wang Hsing Druzhba no 52 34 D '59

CHINA—ARCHIVES
The History and Achives Faculty of the People's University of China. Wu Pao K'ang. Ist. arkh. no.6:108-112 N-D '59.

CHINA—ATOMIC ENERGY
Atomic energy at the All-China Exhibition of Industry and Communications Shêng Ch'ung-p'o. Atom. energ 8 no 5 464-467 My '60

CHINA—BALLET
The zenith of international ballet art. Yeh Lin. Druzhba no.51·23-25 D '59.

CHINA—BLAST FURNACES
Chinese achievements in the field of blast furnace practices. Ting Shu-liang. Izv. vys. ucheb. zav.; chern. met. 2 no.8:17-19 Ag '59.

CHINA—BOTANICAL RESEARCH
Successes in the field of botany achieved during the ten years since the formation of the Chinese People's Republic Wang Fu-hsiung. Ching Jêng-ch'ang. Bot zhur 44 no 10 III-XII O '59

CHINA—BUILDING
Fruits of creative wisdom. Lien Hui-chen. Druzhba no 52·26 D '59

CHINA—CALENDAR
A little about everything. Nauka i zhyttia 8 no.5.53 My '58

CHINA—CHEMICAL INDUSTRIES
In seven-league boots. Chiang Sheng-chieh. Druzhba no 52·10-11 D '59

CHINA—COAL MINES AND MINING
Coal mining in the Chinese People's Republic. Chang Lin-chih. Ugol' 34 no.12·46-47 D '59.
Joyous work of the miner. Yu Hsiu-lun. Druzhba no.51: 7 D '59.

CHINA—COMMUNES
Chung Kuo Kung Ch'an Tang. [Materials of the Sixth Plenum of the Eighth Congress of the Central Committee of the Communist Party of China] Materialy 6-go plenuma TSentral'nogo Komiteta Kommunisticheskoi partii Kitaia vos'mogo sozyva. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 55 p.

CHINA—COMMUNIST PARTY
Chung Kuo Kung Ch'an Tang. [Materials of the Sixth Plenum of the Eighth Congress of the Central Committee of the Communist Party of China] Materialy 6-go plenuma TSentral'nogo Komiteta Kommunisticheskoi partii Kitaia vos'mogo sozyva. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 55 p.
TSeng, Hsiu-fu [The Communist Party of China in the struggle for national unity] Kommunisticheskaia partiia Kitaia v bor'be za edinyi front. Moskva, Izd-vo VPSh i AON pri KPSS, 1959. 161 p.

CHINA—CORTISONE
Discovery made by a Chinese chemist. Huang Ming-[illegible] Znan. sila 34 no.11:21 N '59.

CHINA—DEAF
China at the start of the second decade. Kao [illegible] Zhizn' glukh. 12 no.11:19 N '59.

CHINA—DESCRIPTION AND TRAVEL
Across China. E. Osipova. Sem'ia i shkola 13 no.3 36-38 Mr '58.
"In old China; the travel notes of 1907" by V M Alekseev. Reviewed by P. Poppe. Vest Inst po izuch [illegible] 129-130 Jl-S '59.
Polevoi, B.N. [Thirty thousand li through China] 30,000 li po Kitaiu. Moskva, Gos. izd-vo detskoi lit-ry, M-va prosv. RSFSR, 1959. 365 p. (Shkol'naia [illegible]

CHINA—DIALECTICAL MATERIALISM
Publication of V. I. Lenin's philosophical works in [illegible] Chang Yun-hou. Vop. filos. 14 no.4:154-155 '60

CHINA—ECONOMIC CONDITIONS
"Historical experiences in the building of socialism in formerly backward countries" by M. S. Dzhunusov. Reviewed by O Segizbaev. Part. zhizn' Kazakh 28 no.7: 71-74 Jl '59
New geography of Chinese industry. I. Kh. Ovdienko Geog. v shkole 22 no.6:28-40 N-D '59.
Satisfactory results and inspiring perspectives [illegible] no 52:1-2 D '59
A story of people and events in China ("The big leap, China today" [in German] by Bruno Frei. Reviewed by V. Berezhkov. Nov. vrem. 18 no.18:30-31 My '[illegible]
Study of the Chinese national economy at the Faculty of Economics. Vest. Mosk. un. Ser. ekon., filos., [illegible] 14 no.4:219-222 '59.
The working class of the Chinese People's Republic [with summary in English]. N. P Vinogradov. [illegible] vostokoved. no.2·81-90 '60.
The world system of socialism. M. Spiridonov, M [illegible]mov, IU. Kuz'michev. Agitator no 1:19-24 Ja '[illegible]

CHINA—EGGS—PRODUCTION
Land of unfrightened birds. Li Ying Druzhba no [illegible] D '59.

CHINA—ELECTRIC ENGINEERING
Second All-Chinese Conference on High-Voltage Engineering. A. I. Dolginov. Elektrichestvo no.12:78-80 D '[illegible]

CHINA—ENTERTAINERS, RUSSIAN
Unforgettable meetings. Li Chi-kuei. Druzhba no [illegible] 21-22 D '59.

CHINA—ETHNOLOGICAL RESEARCH
Chinese ethnographers in the Ukraine. V. Zinych. Nar. tvorch. ta etn. 3 no.2:108-109 Ap-Je '59.

CHINA—ETHNOLOGY
Principal stages of the development of ethnology in China [with summary in English]. N. N. Cheboksarov. Sov. etn. no.6:123-149 N-D '59.

CHINA—FIG
Woody epiphytes and strangler fig trees in the tropical forests of China [with summary in English] An A Fedorov. Bot. zhur. 44 no.10.1409-1424 O '59

CHINA—FINANCE
Credit and currency circulation in the Chinese People's Republic. Ts'ao Chu-ju. Den. i kred. 18 no.4 [illegible] Ap '60.

CHINA—FLOTATION
Flotation of nonferrous metal ores in certain plants of the Chinese Peoples' Republic. V. M. Arashkevich Izv. vys. ucheb. zav.; gor. zhur. no.3:125-139 '59

CHINA—FOREIGN RELATIONS—RUSSIA

From the history of the struggle for Soviet-Chinese friendship [with summary in English]. M.A. Persits. Probl. vostokoved. no.2,146-153 '60

Great holiday of the Chinese people. Druzhba no.41:1-5 O '59

The Great October has cleared the way to liberty and socialism for all peoples. S V Chervonenko Druzhba no 49 5-7 D '59

In honor of a glorious anniversary. Druzhba no.43:11-12 O '59.

Tenth anniversary of the Soviet-Chinese treaty. B. S. Kremortal. Vest. AN SSSR 30 no. 4:111 Ap '60.

Under the banner of great solidarity Druzhba no 49 1 D '59

CHINA—GEOLOGY

Committee on the study of the Quaternary period in the Chinese People's Republic. P'ei Wing chung, Liu Tung-shing. Biul. Kom chetv. per. no 23:115 118 '59

Riabukhin, G. E. [Geology in China; two years' work in the Chinese People's Republic] Geologiia v Kitae, dva goda raboty v KNR. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no 6)

CHINA—GEOLOGY, STRATIGRAPHIC—QUATERNARY

Study of the Quaternary period in China Wang An-chih Izv AN SSSR Ser. geog no. 2 123 127 Mr Ap '60

CHINA—HISTORY

Discussion of Liu Ta-nien's article "Some questions on the study of China's modern history." A. S. Ipatova, A.A. Martina. Probl. vostokoved. no. 2 211-215 '60.

Grassy swamp. Yang Ch'eng-wu. Neva no. 10:44-46 '59.

Leninism and the Chinese revolution [with English summary in insert]. I. Berezny. Sovr. Vost. no 4:20 23 Ap '60.

The "May 4th" movement as appraised by scholars of three countries [with summary in English] V N Nikiforov Probl. vostokoved. no 2:100-109 '60

V. I. Lenin and the national revolution in China. K. V. Solov'eva. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 3:3-11 '58.

CHINA—HOLIDAYS

Demonstration of great achievements and strength. Druzhba no. 41:6-10 O '59.

The festival lights are burning. Druzhba no. 41:11 14 O '59.

Together with our dear friends. Druzhba no. 41:16 O '59.

CHINA—HYDRAULIC MINING

Promoting hydraulic mining in the coal-mining industry of the Chinese People's Republic. I. F. Martsenko, Ma Ying-ming. Mekh. i avtom. proizv. 13 no. 12:47-49 D '59

CHINA—HYDROELECTRIC POWER STATIONS

On great rivers. F. Samoilov. Neva no. 10:31-41 '59.

CHINA—INDUSTRIAL ORGANIZATION

The management of the industrial enterprises of China without shop divisions. P. Shelekhov. Sots. trud 4 no. 7:36-41 Jl '59.

CHINA—JOURNALISM

We are bound together forever. Chin Chung-hua Sov pech. no. 12:69-70 D '59

CHINA—LABOR AND LABORING CLASSES

Our economy is improving and so is our workers' living conditions. Ma Wen-jui Druzhba no. 49 8 11 D '59

The working class of the Chinese People's Republic [with summary in English]. N. P. Vinogradov. Probl. vostokoved. no. 2:81-90 '60.

CHINA—LOESS

Genesis of loess deposits in Northern China. Yang Tse. Trudy Kom. chetv. per. 14:113-123 '59.

Loess in Northern China. V.A. Obruchev. Trudy Kom. chetv. per. 14:16-53 '59.

Origin and development of loess deposits in the Lungtung region in northwestern China. Chang Tsung-hu Trudy Kom. chetv. per. 14:100-112 '59.

Origin of the loess formation in Northern China. A. S. Kes'. Trudy Kom chetv. per. 14:80-99 '59

Some data on the genesis of the Chinese loess V. N. Pavlinov. Trudy Kom. chetv. per. 14:54-79 '59.

CHINA—MACHINERY INDUSTRY

Great strides in the machinery industry. Liu Ting. Druzhba no. 43:22-25 O '59.

CHINA—MALARIA—PREVENTION

Malaria is conquered! Pien Chi. Druzhba no. 51:14-16 D '59.

CHINA—MORPHOLOGY

Among Chinese morphologists. P. V. Makarov. Arkh. anat. gist. i embr. 37 no 10:121-125 O '59.

CHINA—MOTION-PICTURE PLAYS

On soldiers' roads. Hung Ho-lin Druzhba no. 51:37 D '59.

Warmth from young hearts T'ao Yang. Druzhba no 40.34 D '59

CHINA—MOTION PICTURES

China on the screen. I. Zyrina. Neva no. 10:175-179 '59.

CHINA—MOTORTRUCKS

Half-a-million kilometers without overhauling. Su Chang-fu. Druzhba no. 51:9 D '59.

CHINA—MYCOLOGICAL RESEARCH

Mycology in the Chinese People's Republic M N. Rodigin Bot zhur 44 no 10 1515-1521 O '59

CHINA—NUCLEAR PHYSICS—RESEARCH

Development of nuclear research in China. Ch'ien San-ch'iang. Vest. AN SSSR 30 no. 4:121-124 Ap '60.

CHINA—OPHTHALMOLOGY

Progress of ophthalmology in the Chinese People's Republic during the past 10 years. P. P. Chou, Y. C. TS'eng. Vest. oft 72 no. 4:3-6 Jl-Ag '59.

CHINA—OSTRICHES, FOSSIL

New finds of fossil ostriches in China and their stratigraphic importance. Yang Chung-chien, Sun Meng-lin Trudy Kom. chetv. per. 14:124-127 '59.

CHINA—OTOLARYNGOLOGY

Development of otorhinolaryngology in China; on the 10th anniversary of the foundation of the Chinese People's Republic. Hsu Ying-hsien. Vest otorin. 21 no. 6 3-18 N-D '59.

CHINA—PAPER INDUSTRY

Inherited occupation. Ho Lang, Chang Chi. Druzhba no 39-40 D '59.

More paper for the country! Druzhba no 49 21 D '59

CHINA—PETROLEUM INDUSTRY

In the Chinese People's Republic. L. Alekhin. Neftianik 3 no. 9.30 S '58.

Petroleum industry in China. B. V. Lomakin. Biul. tekh.-ekon. inform. no. 12:77-79 '59.

CHINA—POLITICS AND GOVERNMENT

Activities of the Shanghai Trade Union Council in June-August, 1925 [with summary in English]. A. I. Kartunova. Probl. vostokoved. no. 2:91-104 '60.

The influence of the Russian Revolution of 1905-1907 on the revolutionary democrats of China [with summary in English]. I. S. Kiuzadzhian. Vest. ist. mir. kul't. no. 6:36-44 N-D '59.

Tseng, Hsiu-fu. [The Communist Party of China in the struggle for national unity] Kommunisticheskaia partiia Kitaia v bor'be za edinyi front. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 161 p.

CHINA—PROSPECTING

Search for resources. Li Szu-kuang. Znan.-sila 34 no. 11:22 N '59.

CHINA—PUBLIC HEALTH

Development of public health service in the new China. Li Te-ch'uan. Druzhba no. 51:12-14 D '59.

CHINA—RAILROADS—TRACK

Improvement of track and track management in the Chinese People's Republic Su Mai Zhel. dor. transp. 41 no. 12: 77 80 D '59

CHINA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Together with our dear friends. Druzhba no. 43:16 O '59.

CHINA—RELATIONS (GENERAL) WITH RUSSIA

Boris Sharovatov and his Chinese friends. I. Aleksandrov. Mast. ugl. 8 no. 2:26 F '59.

Development of cultural relations between the Soviet and Chinese peoples. A. N. Nusupbekov. Vest. AN Kazakh. SSR 15 no. 12:10-18 D '59.

Genuine example of brotherly cooperation. A. Andreev. Druzhba no. 43:2 O '59.

Mankind's stronghold of peace and progress. N. Popov. Druzhba no. 43:4 O '59.

Plan for cooperation between the Academies of Sciences of the U.S.S.R. and the China in 1960. Vest. AN SSSR 30 no. 4:135-136 Ap '60.

The road of friendship. A. Sosnovskii. Tekh. mol. 27 no 12 20-23 '59.

Shanghai-Syktyvkar. Yang Chun-do. Druzhba no. 51:25 D '59.

A short story about Shanghai. Vl. Dmitrovskii. Neva no 10:9-23 '59

CHINA—RENT (ECONOMIC THEORY)

Land rent in an agricultural cooperative of the lower type in the Chinese People's Republic. Hsu Shu-chuan. Nauch. dokl. vys. shkoly, ekon. nauki no. 4:85-91 '59

CHINA—RIVERS

On great rivers. F. Samoilov. Neva no. 10:33-41 '59.

CHINA—SCIENCE

The ancient in the new ("This was discovered in China" by Mao Tse-pen. Reviewed by V. Golant) Neva no. 10: 208-209 '59

CHINA—SHIPPING

Water transportation in China during the ten years of the peoples' government. V. N. Maslikov. Rech. transp. 18 no. 12:52-53 D '59.

CHINA—SOCIAL CONDITIONS

Years equal to millenniums ("Millenniums and years" by V. Ovchinnikov. Reviewed by Iu. Popkov) Vokrug sveta no. 1 61 Ja '60

CHINA—SOCIAL CONFLICT

Elimination of exploiting classes in the Chinese People's Republic. A. D. Kostichev. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:83-98 '59.

CHINA—SOCIALIST COMPETITION

At high speed. Druzhba no. 51:10-11 D '59.

Racing against time Yao P'ing, An Ching Druzhba no 49:22-23 D '59

The red pennant over the lathe. Su Kuang-ming. Druzhba no. 51.6 D '59.

CHINA—SOILS

Preparing highly qualified soil scientists in the U.S.S.R. for the Chinese People's Republic. Wang T'sun-ch'ing, Yao Hsien-liang, M. A. Bobritskaia. Pochvovedenie no. 11:116 N '59.

CHINA—SPORTS

Demonstration of strength, agility, and mastery. Chiu Ni. Druzhba no. 43:29-30 O '59.

CHINA—STEEL INDUSTRY

A brave deed urges forward Liu Chien-kuo Druzhba no 52 13-15 D '59.

The 1962 quota is surpassed! Druzhba no. 43:31 O '59.

CHINA—STOCK AND STOCKBREEDING

An important branch of agriculture Tsai Tse-wei Druzhba no. 52 3-5 D '59

CHINA—STONE AGE

Tracing ancient settlements Nien Hai Druzhba no 52 32 D '59

CHINA—SWIMMING

A new record has been established! Yang Ping. Druzhba no. 41:31 O '59.

CHINA—TAJIKS

"The father of icy hills " Yang Ko-hsien, Chang K'o-ts'un Druzhba no 52 28-30 D '59

CHINA—TECHNICAL ASSISTANCE, RUSSIAN

The "great leap" and fraternal friendship. Chao Ping-chun. Mol. kommun. no. 12:103-107 D '59.

New center of heavy industry. Li I-ching. Druzhba no. 19-28 O '59.

Wind from the east. I. Blat, P. Romanenko, N. Ushatikov. Moskva 3 no. 11:180-197 '59.

CHINA—TEXTILE INDUSTRY

Our rate of speed is unknown in the capitalistic states. Chiang Kuang-nai. Druzhba no. 52:6-9 D '59.

CHINA—THEATER

Contemporary theater in China. G. Gur'ev. Neva no. 11: 201-209 '59.

CHINA—UNIVERSITIES AND COLLEGES

Predecessors of modern universities. Yen Wei. Druzhba no. 51:33 D '59.

CHINA—WEIGHT LIFTING

Strength multiplied by mastery. Hsin Hao Druzhba no 49 33 D '59

CHINA—WELDING

Present state and prospects for the expansion of welding techniques in the Chinese Peoples' Republic. Kao Ts'ung-fu. Svar. proizv no. 1:31-34 Ja '60.

CHINA—WHEAT

A contribution to the study of Chinese wheats [with summary in English]. M. M Iakubtsiner. Bot. zhur. 44 no. 10 1445-1438 O '59.

CHINA—WOMEN—EMPLOYMENT

Women are a great force in socialist competition. Hsu Kuang-ping. Druzhba no. 43:26-27 O '59.

CHINA, SOUTHWEST—NATIVE RACES

In the family of peoples Wei Shao-chien, Hsiu Ko Druzhba no 49 27-28 D '59.

CHINESE ART see Art, Chinese

CHINESE ARTISTS see Artists, Chinese

CHINESE AUTHORS see Authors, Chinese

CHINESE LANGUAGE—STUDY AND TEACHING

Chinese linguistics in the U.S.S.R during the past decade. B. S. Isaenko. Vop iaz. 8 no 6:131-135 N-D '59.

Concerning the national tradition in Chinese linguistics. N. I Konrad. Vop. iaz. 8 no. 6:18-27 N-D '59.

CHINESE LITERATURE—HISTORY AND CRITICISM
Literary generalization in the first Chinese novels. V.S. Manukhin Nauch dokl.vys shkoly, filol nauki no.4 56-66 '59

CHIRCHIK—AGRICULTURAL MACHINERY INDUSTRY
Continuous production line for manufacturing the working parts of cultivators. IU.I.Naumov. Mashinostroitel' no.1 3-5 Ja '60

CHIRONOMIDAE see subdivision under Issyk-Kul'

CHISTYAKOVKA REGION—TREES, FOSSIL
Fossil wood of broad-leaved trees from Tertiary deposits of Krasnoyarsk Territory. V.D.Nashchokin. Dokl.AN SSSR 131 no 5,1119-1151 Ap '60.

CHITA—CHILDREN—HOSPITALS
Work of a district physician of a consolidated pediatric hospital A S.Petrova. Vop okh.mat.i det. 4 no 6·71-73 N-D '59

CHITA PROVINCE—AUDITING AND INSPECTION
Conference of interdepartmental control inspectors. M.Chelnokov. Fin.SSSR 21 no.4;94 Ap '60.

CHITA REGION—FROZEN GROUND
Stability of cryogenic structures during the thawing of frozen siltstone in the Chita region A IA.Litvinov Trudy Inst.merzl.AN SSSR 16 72-77 '60

CHITIN
Observations on the fixation of striated muscle fibers to chitin. O P Mukhina Arkh anat gist.i embr 37 no 10·88-90 O '59

CHKALOV DISTRICT—COLLECTIVE FARMS—INCOME DISTRIBUTION
Special features of monetary wages on collective flax farms. V.Merzlov. Vop.ekon no.5 145-149 My '60.

CHKALOV DISTRICT—FLAX
Special features of monetary wages on collective flax farms. V.Merzlov Vop.ekon. no 5 145-149 My '60.

CHKALOV PROVINCE see Orenburg Province

CHLORAL
Determination of the molecular weight of the binary system chloral hydrate - pyramidon in naphthalene as the solvent E.F.Zhuravlev, A.D.Sheveleva, I.A.Veselukhina Izv.vys ucheb zav ,khim.i khim.tekh 2 no.6·891-894 '59.

CHLORDAN
Use of chlordan in fly control [with summary in English]. A.A.Ivannikova, A.I.Karavashkova. Med.paraz.i paraz. bol. 26 no.6:733-736 N-D '57.

CHLORIDES
Nonsulfur vulcanization of synthetic rubbers. Report No.2: Vulcanization of butadiene-nitrile rubbers in the presence of some metal chlorides. N.D.Zakharov, G.V.Poroshin. Kauch.i rez. 18 no.12·14-18 D '59.
Phosphorus pentachloride as a complex-forming agent in reactions with metal chlorides. IA.A.Fialkov, IA.B. Bur'ianov. Rab po khim.rastv.i kompl.soed. no.2: 82-115 '59.
Polarographic investigation of chlorides in an equimolar mixture of fused NaCl and KCl. IU.K.Delimarskii, V.V. Kuz'movich. Zhur.neorg.khim 4 no.12·2732-2738 D '59.

CHLORIDES IN THE BODY
Absorption of chlorides in the cecum following reduction in the blood supply to the brain in sheep. Kim Sin Heb. Pratsi Od un.Zbir.stud.rob. no.5:(vol.149) 173-176 '59.

CHLORINATION
Kinetics of the photochemical chlorination of benzene. F.F.Krivonos. Zhur.prikl.khim. 31 no.4:589-594 Ap '58.

CHLORINE—CONGRESSES
All-Union Conference on the Manufacture of Chlorine. N.M.Kovalev Khim.nauka i prom. 4 no.5·663-664 '59.

CHLORINE—PHYSIOLOGICAL EFFECT
Development of microbes resistant to chlorine in water mains of the Donets Basin Water Trust. T.L.Natanson. Gig.i san. 24 no.12:56-57 D '59.

CHLORINE FLUORIDE
New ways of synthesizing hexafluoroplatinates. Fluorination with chlorine trifluoride. I.I.Cherniaev, N.S. Nikolaev, E.G.Ippolitov. Dokl.AN SSSR 132 no.2. 378-379 My '60.

CHLORINE INDUSTRY—EQUIPMENT AND SUPPLIES
Tantalum and tantalum-niobium alloys as corrosion-resistant materials for the chlorine industry. A.E. Romanushkina, K.K.Poliakova. Khim.prom. no.6: 535-537 S '59.

CHLORINE OXIDE
Preparation of sodium chlorite by the reduction of chlorine dioxide by zinc. V.V.Shtutser, A.S.Chernyshev, N.G.Semenova. Khim.prom. no.6;513-515 S '59.

CHLOROMYCETIN
Blood index changes following the repeated use of synthomycin, experimental investigation. R.F.Ezerskii. Vop. okh.mat.i det. 4 no.6.43-46 N-D '59.
Carbohydrate function of the liver in patients with acute bacillary dysentery treated with phthalazol and synthomycin N F Kozyrenko Vrach delo no 11 1181-1185 N '59
Photocolorimetric method for determining levomycetin and synthomycin [with summary in English]. A.M. Aliev. Apt.delo 8 no.6;27-30 N-D '59.

CHLOROPHYLL
Accumulation of chlorophyll in leaves of partially etiolated angiosperms T N Godnev, N.K.Akulovich. Dokl.AN BSSR 3 no.12·504-506 D '59.
Conditions for determining the specific radioactivity of chlorophyll infinitely thin preparations A.A Shlyk and others Dokl.AN BSSR 3 no 12 484-487 D '59
Effect of temperature on spectral properties of suspensions of algae and isolated chloroplasts. T.N Godnev, R.V.Efremova. Dokl AN SSSR no.6 1441-1446 Ap '60.
Spectrophotometric study of dark and photochemical reactions of chlorophyll with stannous chloride [with summary in English] I I.Ditung, B IA Dain Zhur fiz khim 33 no.12·2740-2747 D '59.

CHLORORHENIC ACID
Compounds of $HReCl_4$ with certain organic amines and their thermal decomposition Miao Ch'ing-shêng, V.G. Tronev Zhur.neorg.khim. 4 no.12;2834-2836 D '59.

CHLOROSIS (PLANTS) see subdivision under Kirghizistan

CHLOROTHEN
Using chlorothen with DDT against cotton bollworm. G.A Pishnamazov Zashch rast ot vred.i bol 4 no 3 42 My-Je '59

CHLORPROMAZINE
Automatic control of pH in the production of corasole and aminazine M.A.Portnov. Med prom. 13 no 12·29-35 D '59
Effect of aminazin on the organism in acute blood loss [with summary in English]. V.P.Rudais. Akush.i gin. 35 no.6.65-72 N-D '59.
Effectiveness of aminazin therapy in various forms of schizophrenia. M.V.Stupochenko. Zhur.nerv.i psikh. 59 no.12;1489-1493 '59.

CHLORPROMAZINE—TOXICOLOGY
Clinical aspects of occupational complications caused by aminazine [with summary in French]. E.V.Domont'eva. Zhur nerv.i psikh. 59 no.12;1499-1500 '59.

CHOLESTEROL
Forms of cholesterol occurrence in the organism M V. Okuntev Ukr biokhim zhur. 31 no 5;780-789 '59
Role of receptors of the portal vein in regulating cholesterol metabolism [in Azerbaijani with summary in Russian]. S.R.Odzhankhverdizade, G.I.Kasimov. Izv. AN Azerb.SSR.Ser biol.i sel'khoz.nauk no.6;105-110 '59.

CHOLINE
Study of the effect of carbocholine and prozerine in the clinical aspects of glaucoma [with summary in English]. A.E.Volokitenko. Oft.zhur. 14 no.7.408-413 '59.
Treatment of eye burns with subconjunctival injections of autogenous blood in conjunction with acetylcholine and separation of the conjunctiva [with summary in English] T G.Uglova. Oft zhur. 14 no.6·328-334 '59

CHOLINESTERASE
Clinical significance of the indexes of the cholinesterase activity of the blood serum in tumor patients S.I.Korkhov, T A.Kadoshchuk, A A.Stoliarchuk Vrach delo no 11 1153-1156 N '59

CHONA VALLEY—MINERALOGY
Magmatism of traps and hydrothermal mineralization in the Chona Valley [with summary in English]. IU.I. Dmitriev Sov geol. 2 no.10.33-47 O '59.

CHORAL SOCIETIES see subdivision under Leningrad; London; Ukraine

CHORION
Mitotic state of nuclei in binucleate epithelial cells of the placental zone of the chorion in rabbits. A.F.Gordeeva. Dokl.AN SSSR 131 no.5;1159-1160 Ap '60.

CHRISTENING see Baptism

CHRISTENSENITE see Tridymite

CHRISTIANITY
In what respect Judaism is close to Christianity T.Kychko Nauka i zhyttia 8 no.10·56 O '58

CHRISTIANS IN INDIA
Christian Church in India. P.Urzhumtsev. Zhur.Mosk. Patr. no.3 49-61 Mr '60.

CHROMATOGRAPHIC ANALYSIS
Analysis of mixtures of hydrocarbons C_5-C_7 by gas and liquid chromatography. D A Kondrat'ev, M.A Markov, Kh M Minachev Zav lab no 11·1301-1304 '59
Chromatographic separation of titanium, zirconium, beryllium, aluminum and iron. IE.A.Mazurenko. Pratsi Od.un.Zbir.stud.rob. no.5:(vol.149) 133-136 '59.
Device for thermostatic chromatographic columns. V.T. Avgul', M.D IUdilevch. Zav lab. no.11;1403 '59.
Influence of the correlations between the initial concentrations of the ions subjected to chromatography upon the nature of precipitation chromatogram [with summary in English]. S.A.Ivanov. Zhur.anal.khim. 14 no.6; 728-731 N-D '59
Separation of chloranilines by partition chromatography D.F.Kutepov, A.A.Potashnik, N.I.Karavanova. Zhur. prikl.khim. 32 no.8;1886-1890 Ag '59.
Use of chromatographic analysis in determining the group content of the tar fraction obtained from oil shale of the Volga deposit. I.N.Kamenskaia. Trudy VNIIPS no.4: 259-280 '55.

CHROMIUM—ANALYSIS
Certain characteristics of chromium-bearing slags produced during the melting stage of the open-hearth process A.L.Klein, V.A Startsev, P.V Umrikhin. Izv. vys.ucheb zav , chern.met. 2 no 8;45-53 Ag '59
Determination of chromium in chrome-aluminum steels from e m f. values P.D Korzh Zav lab no 11; 1342-1344 '59.
Determining chromium in metallic nickel by the extraction of the diphenyl carbazide complex. A.K.Babko, T.E Get'man. Zav lab. 25 no.12;1429-1430 '59.
Effect of iron on the colorimetric determination of chromium. R.K.Korabel'nik Izv.vys.ucheb zav.; chern met no 3·189-192 '60.

CHROMIUM—ISOTOPES
Measuring the vapor pressure of solid chromium by means of radioactive tracers. A.N.Nesmeianov, He Dyk Man. Dokl.AN SSSR 131 no.6·1383-1385 Ap '60

CHROMIUM-ALUMINUM STEEL
Determination of chromium in chrome-aluminum steels from e m.f values P.D Korzh. Zav.lab no 11: 1342-1344 '59.

CHROMIUM BORIDES—THERMAL PROPERTIES
Thermodynamics of chromium diboride. A.N.Krestovnikov, M.S.Vendrikh Izv vys.ucheb zav.;chern met no.3·13-16 '60

CHROMIUM-NICKEL STEEL
Kh15N35BMT (EI692) heat-resistant steel. Metalloved.i term.obr.met. no.1:61-64 Ja '60.

CHROMIUM-NICKEL STEEL—CORROSION
Intergranular corrosion of 1Kh18N9T steel in water and vapor media. V.V.Gerasimov, K.A.Popova. Metalloved. i term.obr.met. no.1:13-14 Ja '60.
Tendency of OKh23N28M3D3 (EI943) steel toward intergranular corrosion. E.V.Zotova. Metalloved.i term. obr.met. no.1·15-17 Ja '60.

CHROMIUM ORES—ANALYSIS
Decomposition of chromium magnesites by sintering. IU.I.Usatenko, E.A.Klimkovich. Zav.lab no 11: 1295-1296 '59

CHROMIUM OXIDE
Structure and catalytic properties of chromic oxide - silica gel catalysts. M.I.Rozengart, A.A.Slinkin, A.M.Rubinshtein. Dokl.AN SSSR 132 no.2:367-370 My '60.
Structure of chromium oxide and the equilibrium of its distribution in the liquid, iron - chromium basic slag system. A.I.Pastukhov. Trudy Ural.politekh inst. no.75:82-103 '59.

CHROMIUM OXIDE—MAGNETIC PROPERTIES
Magnetic properties of Cr_2O_3 - Al_2O_3 catalysts. A.M. Rubinshtein, A.A.Slinkin. Dokl.AN SSSR 131 no.6 1386-1389 Ap '60.

CHROMIUM STEEL—ANALYSIS
Effect of modifiers on the shrinkage of high alloy chromium and chromium-nickel steel N.S Kreshchanovskii M.P.Domin. Lit.proizv. no.12·19-21 D '59.

CHROMIUM STEEL—BRITTLENESS
Investigating the temper brittleness of high chromium steel by the internal friction method. IU V.Piguzov, M I Balazitov. Izv.vys.ucheb zav.; chern.met no 3· 147-152 '60

CHROMIUM STEEL—CORROSION
Special aspects of the high-temperature oxidation of chrome steel in SO_2 solutions of various concentrations V.A.Korbut. Trudy LTA no.87:13-21 '59.

CHROMIUM STEEL—WELDING
Electric slag welding of heat-resistant chromium steels by means of lamellar electrodes B.I.Medovar, A.N Safonnikov. Avtom.svar. 12 no 12:80-82 D '59

CHROMONE

New conversion in the chromone series. V. A Zagorevskii, D. A. Zykov. Zhur. ob. khim. 30 no. 4,1378-1379 Ap '60.

CHROMOSOMES

Chromosomal aberrations and disorders in the mitotic activity as factors limiting tissular reparation after radiation I M Shapiro. Dokl. AN SSSR 131 no. 6· 1437-1439 Ap '60

Chromosome numbers in species of large-sized herbaceous plants of Sakhalin [with summary in English] A P Sokolovskaia Vest LGU 15 no. 9 135-137 '60

CHRONAXIA

Plethysmography and chronaximetry as indicators of central nervous function in glaucoma [with summary in English] V. IA. Bakurskaia. Oft. zhur 14 no. 7· 387-391 '59.

CHRONOGRAMS see subdivision under Daghestan

CHRONOLOGY see subdivision under Novgorod

CHRYSANTHEMUMS

The last chrysanthemums. I. L'vov. Zhizn' glukh. 12 no. 12:17 D '59.

CHUCKS

New self-centering pneumatic three-jawed chuck. B. L. Smolenskii, M A. Rokhlenko. Mashinostroitel' no. 1: 18-19 Ja '60

CHUGUEV DISTRICT—CROP YIELDS

Analysis of data on the yield of grain crops. A. G. Khristich, D V. Ushakova. Uchet i fin. v kolkhoz. i sovkhoz. 16 no 11·41-43 N '59.

CHUGUNOV, VLADIMIR, d. 1943

On the grave of a known soldier D Nikolich Sov Kazakh. 21 no 2 100-102 F '59

CHUKCHI NATIONAL AREA—GRANITE

Mesozoic granitoids in the Chukchi National Area and the mineralization associated with them [with summary in English] S. F. Lugov Sov. geol. 2 no. 10·48-66 O '59.

CHUKCHI SEA—COAST CHANGES

Studying the dynamics and morphology of the Soviet shores of the Chukchi and Bering Seas. A. S. Ionin. Trudy Okean. kom. no 4·205-214 '59.

CHUKCHI SEA—ICE

Role of the Aleutian lows in the formation of ice conditions in the Chukchi Sea. O. A. Kuznetsov. Probl. Sev. no. 3: 10-15 '59.

CHURCH ARCHITECTURE see subdivision under Azerbaijan

CHURCH HISTORY

Klibanov, A. I. [Reformation movements in Russia from the 14th to the first half of the 16th century] Reformatsionnye dvizhenila v Rossii v XIV - pervoi polovine XVI v. v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 409 p.

CHURCH NATIONAL AREA—BOARDING SCHOOLS

"In a northern boarding school; from practice in training work" by N. A. Kositsyna. Book review. Nar. obr. no. 5:136 My '60.

CHURCH TOWERS see Towers

CHURKIN, ALEKSANDR DMITRIEVICH, 1903-

Poet and song writer. N. Lugovtsov. Neva no. 11·188-189 '59.

CHUVASH LANGUAGE—DIALECTS

The status of Chuvash dialectology. A. S. Kaniukova. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:113-118 '58.

CHUYA VALLEY—BEETLES

Lamellicorn pests of sugar beets and their economic importance in the Chuya Valley A. I. Protsenko. Trudy. Inst. zool. i paraz. AN Kir. SSR no. 7:245-262 '59.

CHUYA VALLEY—BIRDS

Periodic phenomena among birds in the Chuya Valley. A. I. IAnushevich, T. F. Fedianina. Trudy Inst. zool. i paraz. AN Kir. SSR no. 7:51-66 '59.

CHUYA VALLEY—LIVER FLUKE

Case of acute fascioliasis in sheep in the Chuya Valley. V. G Gagarin, V. M. Stoshenko. Trudy. Inst. zool i paraz. AN Kir. SSR no. 7:163-169 '59.

CICATRICES

Cancer resulting from cicatricial ulcer [with summary in English]. M. D. Podil'chak. Vest. khir. 83 no. 11:96-98 N '59.

CIGARETTE HABIT

Do we need vending machines for this? V. R. Nikolaev. Zdorov'e 6 no. 1:23 Ja '60.

CIMMERIAN BOSPORUS (KINGDOM)—TILES

From the history of the manufacture of marked tiles in the Bosporus in the fourth and beginning of the third century B C E O Berzin Sov arkheol no 4 53-60 '59

CINQUEFOIL see subdivision under Kirov region

CIRCULATION, PULMONARY see Pulmonary circulation

CIRRIPEDIA

Mechanism of the action of antifouling paints. M. A. Dolgopol'skaia and others. Trudy SBS 11:254-261 '59.

CITIES AND TOWNS

[Cities that were not on the map] Goroda, kotorykh ne bylo na karte. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 370 p.

CITRIC ACID

Citric acid obtained from cotton plant wastes. IUn. tekh. 4 no. 11·34 N '59.

CITRUS FRUITS—DISEASES AND PESTS

Pesotskaia, E. A., and N. S. IAkovleva. [Manual of pests and diseases of citrus fruits] Opredelitel' vreditelei i boleznei tsitrusovykh plodov. Moskva, Izd-vo M-va sel'skogo khoz. SSSR, 1959. 108 p., 16 plates. (NIC)

Virus disease of citrus trees. V. N Orshanskaia. Zashch rast ot vred i bol 4 no 3 49-50 My-Je '59

CITY PLANNING

(see also subdivision under Moscow; Peiping; Ukraine)

Answering our readers' questions. Sov. deput. trud. no. 12:95-100 D '59.

Cooperation in organizing industrial areas in cities [with summary in English, p 92] O. IA Khorkhot Visnyk ABiA URSR no 4 9-20 '59

Method of combined planning to be used in rural areas. I. Biriulin and others. Sel'. stroi. 14 no. 12·22-24 D '59.

Permissible spaces between apartment houses in the Leningrad latitude [with summary in English, p. 17]. N. S. Anishchenko. Gig i san. 24 no 12 12-17 D '59.

Some problems in mass housing construction G Frumin Zhil stroi no 11·22-24 '59

CIVIL LAW

(see also subdivision under Turkmenistan; Uzbekistan)

Moscow. Universitet. IUridicheskii fakul'tet. [Problems of Soviet civil law in the practice of courts and arbitration agencies] Voprosy sovetskogo grazhdanskogo prava v praktike suda i arbitrazha. [Moskva] 1959. 426 p.

CIVIL PROCEDURE see subdivision under Ukraine

CIVIL RIGHTS see subdivision under Spain

CIVILIZATION, HISPANIC

Certain historical aspects of Spanish culture ("A history of Spanish culture" [in Spanish] by F. Sainz. Reviewed by Kh. M. Galan. Vest. ist. mir. kul't. no. 6:131-136 N-D '59.

CLASS DISTINCTION see Social classes

CLAY

(see also subdivision under Amangel'dy District, Kiev region)

Diffusion of salts in clays. V. A. Priklonskii, N. A. Oknina. Trudy Lab. gidrogeol. probl. 22:41-45 '59.

Elastoviscous properties of clay suspensions. L. A. Abduragimova. Trudy Inst. khim. AN Azerb. SSR 17: 54-59 '59.

Forms of structure formation in clay solutions. M. M. Gurvich. Trudy Inst. khim. AN Azerb. SSR 17:72-82 '59.

Importance of efficient processing of clay muds for drilling operations. A. S. Dvoretskii. Neftianik 3 no. 9:3-6 S '58.

Matveev, G. V. [Using blasting methods in ripping clays] Rykhlenie glin vzryvnym sposobom. Leningrad, 1959. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 21)

Mechanism of structure formation in electrochemically strengthened clays. N. I. Maksimova and others. Dokl. AN SSSR 132 no. 2:413-416 My '60.

Methods for studying the expansion of clay. G. I. Knigina. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6:8-18 '59.

Results of analyzing water squeezed from clay sediments of different lithification. V. D. Lomtadze. Izv. vys. ucheb. zav., geol. i razv. 3 no. 9·96-107 S '59.

Silkin, P. V. [Methods for extracting and storing clay in winter] Zimnie sposoby dobychi i khraneniia gliny. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 174 p.

Some adsorption and structural properties of Askan clay gel. G. V. TSitsishvili, D. N. Barnabishvili. Trudy Inst. khim. AN Gruz. SSR 14:23-35 '58.

Structure-mechanical properties of clay suspensions used under complex drilling conditions. A. K. Miskarli. Trudy Inst. khim. AN Azerb. SSR 17:46-53 '59.

Study of structural and mechanical properties of some clays. I M. Gor'kova, K. N. Riabicheva. Trudy Lab. gidrogeol. probl. 22 9-40 '59.

CLAY—TESTING

Compression testing of clays. V. A. Priklonskii, V. F. Chepik. Trudy Lab. gidrogeol probl. 22:46-54 '59

CLEANING AND DYEING INDUSTRY

It is long overdue... V. Mikhailov. Prom. koop. 13 no. 12 33 D '59.

CLEANING COMPOUNDS

Development of the manufacture of synthetic fat substitutes, surface active agents, and cleaning compounds in the U S S. R. and abroad P V. Naumenko Khim nauka i prom. 4 no 5:649-654 '59

Effect of the content of nonsulfur compounds on the quality of washing powders. V. V. Veselov and others. Masl.-zhir. prom. 26 no. 1 13-15 Ja '60.

Synthesis of cleaning compounds via the sulfonation of olefins by a solution of sulfuric anhydride in liquid sulfurous anhydride. K. V. Puzitskii, IA. T. Eidus, A. IU. Rabinovich Zhur prikl khim 32 no. 8:1819-1824 Ag '59.

Synthetic detergents and their compositions. F. V. Nevolin. Khim nauka i prom. 4 no. 5·586-592 '59.

CLEFT PALATE

Use of radical plastic surgery of the palate with intersection of the neurovascular bundles V A. Kiselev. Stomatologiia 38 no. 6 38-42 N-D '59

CLEMENS, SAMUEL LANGHORNE, 1835-1910

Mendel'son, M. O. [Mark Twain, 1835-1910] Mark Tven, 1835-1910. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 7)

CLIBURN, VAN, 1934-

Chasins, Abram, and Villa Stiles. [The Van Cliburn legend. Translated from the English. Preface by D. D. Shostakovich] Legenda o Vene Klaiberne. Moskva, Izd-vo inostr. lit-ry, 1959. 221 p.

CLIMATE AND SOILS see Soils and climate

CLIMATOLOGY

(see also subdivision 'Climate' under Arctic regions; Russia)

Heat gradations in the geographical environment. V. R. Volobuev. Dokl. AN Azerb. SSR 15 no. 12·1163-1165 '59.

CLIMATOLOGY—CHARTS, DIAGRAMS, ETC.

Lebedev, A. N. [Graphs and charts for calculating climatic characteristics of various frequency for the European territory of the U. S. S. R.] Grafiki i karty dlia raschet klimaticheskikh kharakteristik raznichnoi obespechennosti na Evropeiskoi territorii SSR. Leningrad, Gidrometeorologicheskoe izd-vo, 1960. 115 p.

CLIMBING PLANTS

Propagation of woody climbing plants by green cuttings IU. A. Bibikau. Vestsi AN BSSR. Ser biial nav no 4 51-60 '59.

CLINELYMUS

Introduction of Clinelymus sibiricus (L.) Nevski. A. N. Trofimova. Trudy Bot. inst. Ser. 6 no. 7·218-220 '59.

CLINKER BRICK

Effect of admixtures of Cr_2O_3, P_2O_5, V_2O_5, and BaO on the microstructure of portland cement clinker G. V Kukolev, M. T. Mel'nik. Dokl. AN SSSR 132 no 1 168-171 My '60.

CLOCKMAKING AND WATCHMAKING

(see also subdivision under Moscow)

Condenser discharge welding of watch parts by means of impact. V. E. Moravskii, I. Z. Khomenko. Avtom. svar. 12 no. 12:65-72 D '59.

Investigating temperature coefficients of the linear expansion of pendulum rods made of Invar at the "Etalon" Plant. A. D. Zagatina and others. Trudy VNIIM no. 37: 69-73 '59.

CLOCKS AND WATCHES

Clocks mechanisms for hydrometeorological instruments. K. N. Manuilov, G. S. Aksel'rod, L. A. Shestopalov. Trudy NIIGMP no. 8:90-98 '59.

CLOCKS AND WATCHES—ESCAPEMENTS

Investigating friction in axle guides of watch balance wheels. A. P. Isaev. Izv. vys. uchev. zav., prib. no. 3: 87-97 '59

Investigating the effect of a centrifugal overload on the trigger regulator with a free anchor movement. Z. M. Aksel'rod. Izv. vys. ucheb. zav., prib. no. 3:72-86 '59.

CLOSTRIDIUM

A new pectin fermentor [with summary in English]. D. B. Gurfel'. Mikrobiologiia 28 no. 6:824-828 N-D '59.

LOSTRIDIUM PERFRINGENS

Dry medium for the detection of Clostridium perfringens V.F. Runova N.V. Ploshirev. Lab. delo 6 no. 1:37-40 Ja-Fe '60.

Medium for the detection of the toxic strains of types A, B, C, D, and Γ of Clostridium perfringens. B.D. Bychenko Lab. delo 6 no. 1·40-13 Ja-Fe '60.

LOTHING, PROTECTIVE

"Biological" gloves Mias ind SSSR 30 no 6 46 '59

New types of professional clothing for special purposes. D.A Kobylianskii. Shvein. prom. no. 6,27-30 N-D '59.

Summary of the All-Union Conference on Special Clothing for Workers Shvein prom no 6·38 N-D '59.

LOTHING AND DRESS

Hygienic evaluation of school uniforms [with summary in English]. Z S. Lapshina. Gig. i san. 24 no. 12 30-36 D '59.

CLOTHING INDUSTRY

(see also subdivision under Gorkiy)

Comparative technical and economic characteristics of the straight-line and progressing-bundle systems of production lines N A. Adamova Izv vys ucheb zav, tekh leg prom. no 5 26-37 '59

Experience in pasting seams in the clothing industry. L. N. Pankova, V G. Fedeniuk. Shvein. prom. no. 6 30-31 N-D '59

Happy results, inspiring prospects. Shvein. prom. no. 6: 1-3 N-D '59.

In the Clothing Section of the Central Administration of the Scientific and Technological Society for Light Industries Shvein prom no 6·37-38 N-D '59.

LOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Minsk, Smolensk, Uzbekistan)

Adhesive paper tape for labeling machines. M G. Torgashina, V. G. Fedeniuk. Shvein. prom. no. 6;32 N-D '59.

KMS1 and KMS2 conveying units for small output assembly lines. B. A. Kusner, S. K Starshinova. Shvein. prom no. 6.4-7 N-D '59.

Mechanisms for feeding tag machines with nonperforated tape. A R. Iliushin, N. I Petrov. Shvein. prom. no 6. 9 N-D '59.

Sh-3 machine for fabric stitching and simultaneous pressing of seams V F Belov, B A. Kusner Shvein. prom. no 6;8 N-D '59

LOTHING INDUSTRY—LABOR PRODUCTIVITY see subdivision under Batumi

LOTHING INDUSTRY—MANAGEMENT

Improving the setting of norms for fabric requirements. I. A. Rosenberg. Shvein. prom. no. 6;10-11 N-D '59.

Problems of work organization on multiple-machine units. L. I. Basalygo Shvein. prom. no. 6·11-16 N-D '59.

LOTHING INDUSTRY—STUDY AND TEACHING

(see also subdivision under Odessa)

liminate the difficulties encountered in studying. L. I. Tret'iakova. Shvein. prom. no. 6:39 N-D '59.

LOUD CHAMBER

Quick double-acting gas valve for bubble chambers. L. M. Barkov and others. Prib. i tekh. eksp no. 6;122-124 N-D '59.

LOUD PHYSICS

Limits and vertical extent of convective clouds. E. S. Selezneva. Trudy GGO no. 93:3-20 '59.

Measuring electric charges in artificial fogs and natural clouds. I. B. Pudovkina, A. N. Katsyka. Izv. AN SSSR. Ser. geofiz. no. 5,707-713 My '60.

LOUDS

etermining the motion of noctilucent clouds. E. IA. Boguslavskaia. Biul. VAGO no. 24;24-27 '59.

The fifth interdepartmental conference on noctilucent clouds E. K Strout. Astron. tsir. no 203;19 Je '59.

Photoelectric cloud meter with a pulse-type source of light. F. N. Shevchenko, N. S. Varzhenevskii, L. S. Kleban. Trudy NIIGMP no. 8;23-29 '59.

Photometry of noctilucent clouds by an amateur astronomer. N. N. Sytinskaia. Biul. VAGO no. 24;28-36 '59.

LOUDS—CONGRESSES

The second conference on noctilucent clouds. I. I. Grishin. Astron. tsir. no 180;24 My '57.

LOVER

ees and clover. I. Khalifman. Nauka i pered. op. v sel' khoz. 9 no. 12·35-37 D '59.

ivision of the U.S.S.R. into agroclimatic regions based on yields of the two forage crops; clover and timothy grass. A. T. Nikiforova. Trudy NIIAK no. 7;60-75 '59.

ynamics of the flight of honey bees and wild pollinators to hybrid clover during the blooming period. Z. A. Bilostots'ka. Pratsi Od. un. Zbir. stud. rob. no. 5. (vol. 149) 151-154 '59.

aces of Trifolium lupinaster L s l M M. Il'in, N A. Trukhaleva Dokl AN SSSR 132 no 1 217-219 My '60

Shoot formation in Trifolium medium L. G. M Denisova. Bot. zhur 44 no 11·1631-1632 N '59

CLUBHOUSES

(see also subdivision under Ukraine)

New designs of rural clubhouses. V. Kulaga. Arkhit. SSSR no. 12,25 '59

CLUBROOT

Clubroot (Plasmodiophora brassicaw Wor.) on weeds of the family Cruciferae G F. Maklakova Bot zhur 44 no 11;1649-1653 N '59

CLUTCHES (MACHINERY) see subdivision under Great Britain

COAGULATION

Coagulation of colloids. N. N. Andreev, N. S. Chervinskaia. Trudy LTIKHP 15;92-96 '58

Mechanism of the action of neutral electrolytes on the cohesion of the particles in a coagulation structure G I Fuks Dokl. AN SSSR 132 no 1 164-167 My '60

COAL

(see also subdivision under Ekibastuz, Karelia, Kuznetsk Basin)

Effect of wetting on gas emission from coal [with summary in English]. A. S. TSyrul'nykov. Dop. AN URSR no. 11 1219-1223 '59

Germanium behavior in the process of coal chlorination. N. S. Vorob'eva, E. A. Zimakova, B. I. Losev. Izv. AN SSSR. Otd. tekh. nauk. Met i topl no 2 144-145 Mr-Ap '60

Improve the sorting of coals and anthracite. I. F. Pakhalok. Standartizatsiia 23 no. 11·53-54 N '59.

Kinetics of oxygen sorption by coal at low temperatures. V. S. Veselovskii, E. A. Terpogosova, N. D. Alekseeva. Dokl AN SSSR 131 no. 6 1396-1399 Ap '60

Onusaitis, B. A. [Formation and structure of coal coke] Obrazovanie i struktura kamenno-ugol'nogo koksa. Moskva, Izd-vo Akad. nauk SSSR, 1960. 419 p.

Possibility of producing granulated fuel for the power industry from Irkutsk coal. L. N. Zhdankovich and others. Izv Sib. otd. AN SSSR no. 11·32-37 '59.

Research on the utilization of Ekibastuz coal. Vest. AN Kazakh. SSR 15 no 11;96-97 N '59.

Steam and gas activation of anthracite in a fluidized bed. K. E. Makhorin, V. M. Chertov. Zhur. prikl. khim. 31 no. 4;643-647 Ap '58.

Water soluble acids of solid mineral fuels [with summary in English] T A. Kukharenko, T. E. Vvedenskaia Pochvovedenie no 12;51-58 D '59.

COAL—ANALYSIS

Rapid method for the quantitative determination of phosphorus in coal. M. V. Voinalovich, G. V. Sipovskii. Dokl. AN Tadzh. SSR 2 no. 3·11-15 '59.

COAL—CARBONIZATION

Automatic regulation of the amount of air. M. D. Burshtein. Koks i khim no 12 17-20 '59

Conditions of the delivery of cleaned coals for coking. M. M. Liukimson. Koks i khim. no. 12 15-16 '59.

Selection of a continuous process for coking coal-tar pitches. M. A. Stepanenko and others. Koks i khim. no. 12,27-30 '59

Systems for regulating the uniformity of coal charge heating. E. M. Izraelit, A. G. Notych. Koks i khim. no. 12· 20-24 '59.

COAL—CLASSIFICATION see subdivision under Donets Basin

COAL—TESTING

Method of evaluating and comparing the floatability of coals of various formation stages. V. A Shebanov. Izv vys. ucheb zav., gor. zhur. no. 3;152-159 '59.

COAL—TRANSPORTATION

Vibratory coal packing as a means for improving the load capacity of cars. D. S. Povolotskii. Vest. TSNII MPS 19 no. 1 40-42 '60

COAL GASIFICATION

Brief news. Khim. i tekh. topl. i masel 5 no. 1;72 Ja '60.

Manufacturing gas for domestic consumption in semicoke ovens using an air-steam blast enriched with oxygen. A. E Pinsker. Gaz. prom. 5 no. 1 18-23 Ja '60.

COAL GASIFICATION, UNDERGROUND

(see also subdivision under Dnieper Basin; Kustanay Province; Lisichansk; Moscow Basin)

Calculation of thermal stresses in the casing of gas evacuation galleries. V. G. Smirnov. Podzem gaz ugl. no 4.46-48 '59

Conditions for preserving the gas tightness of underground gas producers operated in steep seams of moderate thickness A S Zabrovskii Podzem gaz ugl. no. 4· 6-10 '59

Economics and problems of technical progress in underground coal gasification R E. Leshchiner. Podzem. gaz ugl. no 4 64-68 '59

Effect of coal seam thickness on fire drifting during the linking of boreholes E. V Kreinin Podzem gaz ugl. no 4·35-40 '59.

Effect of gas evacuation conditions on the output and composition of the product of thermal decomposition of Kukkersite-shale blocks. M IA Gubergrits and others Podzem. gaz ugl no 4 25-29 '59

Laboratory investigation of the combustion zone drifting and coal gasification processes in crack channels G O Nusinov, N Z Brunshtein, M A. Kulakova. Podzem gaz ugl no 4 3-6 '59

Permeability to gas and the fracturing of some Kuznetsk Basin coals I V Eremin, R. N. Pitin, K. I Cheredkova Podzem gaz ugl no 4 13-17 '59

Permeability to gas of burnt-out areas filled with slaggy rock D K. Semenenko, IU V Russo, V M Ovchinnikov. Podzem gaz ugl. no. 4 19-21 '59

Practices in boring inclined boreholes oriented toward the coal seam V. I. Pronin Podzem gaz. ugl. no 4 40-41 '59

Research work conducted in 1958 by the G M Krzhizhanovskii Electric Power Institute on the use of electric current for repairing the coal layer E A Mecnovich Podzem gaz ugl no 4 30-34 '59

Two books on technological progress ("Blue award" by B Mikhailov, "Chemical methods of mining" by I. Kiri chenko. Reviewed by L Skvortsov) Mast. ugl. 8 no. 12:21 D '59.

COAL GASIFICATION, UNDERGROUND—COMPETITIONS

Contest for the best proposal on underground coal gasification Podzem gaz ugl no 4 73-76 '59

COAL GASIFICATION, UNDERGROUND—COSTS

Ways to cut specific capital investments in underground gas producers P V. Skafa Podzem gaz. ugl no 4 57-64 '59

COAL GASIFICATION, UNDERGROUND—ELECTROMECHANICAL ANALOGIES

Method of electric modeling of nonhomogeneous coal seams. M A Gusein-zade, O L Sinel'nikova Podzem gaz. ugl no 4 17-19 '59.

COAL GEOLOGY

(see also subdivision under Donets Basin)

Hypotheses on the origins of coal. I. Batiushkova. Mast ugl. 8 no. 2;22 F '59.

Zonal distribution of vegetation in the geological past and the connection between the formation of ancient coal beds and tropical conditions [with summary in English] A. I. Tolmachev Vest LGU 15 no. 9 17-20 '60.

COAL GEOLOGY—CONGRESSES

Conference on the genesis of solid mineral fuels. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2·165-166 Mr-Ap '60.

COAL MINERS

(see also subdivision under Donets Basin; Karaganda Basin, Svalino Province)

Consultation. Mast. ugl. 8 no. 12:27 D '59.

Consultations. Mast. ugl. 8 no. 3;28 Mr '59.

COAL MINERS—DISEASES AND HYGIENE

(see also subdivision under Karaganda Basin)

Naumkin, I. F. [Safety engineering in coal mines] Tekhnika bezopasnosti v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 373 p.

Provide labor safety for miners. A. Voronkov. Mast ugl. 8 no. 2:6-7 F '59.

Regrettable inaccuracies in a useful pamphlet ("Labor protection and industrial hygiene in the coal industry" by M. I. Aleshin. Reviewed by JA. Polosin). Mast. ugl. 8 no. 2;24 F '59.

COAL MINES AND MINING

(see also subdivision under Bulgaria; Chelyabinsk Basin; China; Donets Basin; Karaganda Basin, Khakass Autonomous Province; Kuznetsk Basin; Lugansk Province, Lvov-Volyn' Basin; Mongolia; Nelidovo, Poland, Siberia; Siberia, Eastern; Soviet Far East; Stalino Province; Sverdlovsk Province)

All forces to be concentrated on the fulfillment of the historical decisions of the 21st congress. Mast. ugl. 8 no. 2:1-2 F '59.

Ivanov, S. A., and M. D. Mozentsov. [Coal mining economics] Ekonomika ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 149 p.

New job analysis manual ("Job analysis manual for workers in the coal and shale industries." Reviewed by A. Dovba, M. Tiurin). Sots. trud 4 no. 7:151-153 Jl '59.

Neighbors. I. Osipov. Mast. ugl. 8 no. 3:24 Mr '59.

On the threshold of the second year of the seven-year plan. Mast. ugl. 8 no. 12:1-2 D '59.

Readers' response to B. Bolisov's article "How should an integrated brigade operate?" P. Selivanenko and others Mast. ugl 8 no. 12:5-6 D '59.

Readers' response to N. G. Petrov's article "Improving the organization of blasting operations" by Kh. I. Abramov. M. A. Magolchenkov. Ugol' 34 no. 12:49-52 D '59.

Speeding up technical progress and improving work efficiency in coal mining. Ugol' 34 no. 12:1-5 D '59.

Stoping without miners. F. S. Kondrashev, D. P. Liapin, V. P. Privalov. Bezop. truda v prom. 4 no. 1 12 Ja '60.

Striving for technological progress. V. Mikhal'chenko, IA. Kopanitsa, V. Molchanov. Mast. ugl. 8 no. 12 13-15 D '59.

Twelfth Congress of Soviet Trade Unions. Mast. ugl. 8 no. 3:1 Mr '59.

COAL MINES AND MINING—ACCOUNTING

Better organization of accounting and investment amortization in the coal mining industry. G. IA. Burshtein. Ugol' Ukr. 3 no. 12 39-40 D '59

Necessary improvements in the economics and organization of maintenance and repair operations in coal mining. G. IA. Burshtein. Ugol' 34 no. 12:19-23 D '59.

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Actual conditions for the recreation of fixed assets in the coal industry. V. V. Chizhova. Izv. vys. ucheb. zav., gor. zhur. no. 3:75-80 '59.

Refrain from using pneumatic power in coal mines with the steeply dipping layers. L. N. Kulovoi. Prom. energ. 14 no. 12 30-32 D '59.

Russia (1923- U.S.S.R.) Ministerstvo ugol'noi promyshlennosti. [Handbook with nomenclature and prices for materials and equipment used in the coal industry] Nomenklaturnyi spravochnik i tseny na materialy i oborudovanie, primeniaemye v ugol'noi promyshlennosti. Moskva.
Group 2. [Nonferrous metals] TSvetnye metally. 1950. 275 p.
[MICROFILM]

Story of the pneumatic pick. V. Nemchinov. Mast. ugl. 8 no. 2 23 F '59.

COAL MINES AND MINING—EXPLOSIVES

Improving the quality of blasting materials for mines. A. A. Vovk. Ugol' Ukr. 3 no. 12 43 D '59.

COAL MINES AND MINING—FINANCE see subdivision under Karaganda Basin; Ukraine

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Regularities of coal fire spreading. V. F. Oreshko. Izv. vys. ucheb. zav.; gor. zhur. no. 2 74-80 '59

Underground fires caused by d. c. electric currents and the prevention of these fires. V. M. Sukharevskii, M. M. Khaesh. Bezop. truda v prom. 4 no. 1:9-11 Ja '60.

COAL MINES AND MINING—LABOR PRODUCTIVITY

(see also subdivision under Donets Basin)

Most important potentialities for the growth of labor productivity in open-cut coal mines. E. M. Solntseva. Izv. vys. ucheb. zav., gor. zhur. no. 2:62-67 '59.

COAL MINES AND MINING—PERIODICALS

Readers' comments on the periodical. Mast. ugl. 8 no. 12:23 D '59.

COAL MINES AND MINING—SAFETY MEASURES

Critics were helpful. V. Maier. Mast. ugl. 8 no. 12:10 D '59.

Naumkin, I. F. [Safety engineering in coal mines] Tekhnika bezopasnosti v ugol'nykh shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 373 p.

Provide labor safety for miners. A. Voronkov. Mast. ugl. 8 no. 2:6-7 F '59.

Review of L. M. Feigin's booklet "Instructions for workers drilling holes." D. G. Lizogub. Bezop. truda v prom. 4 no. 1:36 Ja '60.

Safety posters for coal mining industry. Bezop. truda v prom. 4 no. 1:36 Ja '60.

Standing guard of labor safety. N. Borychev. Mast. ugl. 8 no. 3:18 Mr '59.

Use of explosion-proof locomotives with gyroscopic drive in coal mines. N. N. Petukhov. Izv. vys. ucheb. zav.; gor zhur. no 3:88-98 '59

Using the energy of explosives in humidifying coal blocks. L. IA. Likhachev, E. I. Ontin. Bezop. truda v prom. 3 no. 12:26 D '59.

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Men with an inquisitive mind. S. Makarov, P. Koverda, I. Korchagin. Mast. ugl. 8 no. 12:11-12 D '59.

COAL MINING MACHINERY

(see also subdivision under Lugansk Province; Moscow Basin)

Automatic control systems for coal mining machines with a separate feeder [with summary in English]. M. H. Popovich. Avtomatyka no. 4:72-79 '59.

Book about loading machines ("GNL-30 and GNL-30 m. coal loading machines" by A. N. Deviatov and others. Reviewed by N. Mar'iankov). Mast. ugl. 8 no. 2:24 F '59.

Comparative evaluation of KMP-2 and KMP-3 pulsating-feed cutting machines. I. F. Efremov. Izv. vys. ucheb. zav., gor. zhur. no. 7 71-76 '59.

Effect of dust clogging of the cutting chain on cutter performance. V. P. Fomichev. Izv. vys. ucheb. zav.; gor. zhur. no. 7:77-81 '59

Genealogy of the cutting machine. V. Nemchinov. Mast. ugl. 8 no. 3:22-23 Mr '59.

History of the development of Soviet cutter-loaders for coal mining. G. M. Dobrov. Trudy Inst. ist. est. i tekh. 25 no. 161-176 '59.

Improve the training of machinery operators for the coal mining industry. A. K. Voronkov, G. I. Kapeliushnikov. Bezop. truda v prom. 3 no. 12:4-6 D '59.

Manual for cutting machines operators ("PMG-2 cutting machine" by V. A. Mezhakov, S. I. Vasilenko. Reviewed by V. G. IAtskikh) Ugol' Ukr. 3 no. 12 42 D '59

Mechanizing the cleaning of dump cars from sticking and frozen rocks. IA. F. Vainkof, V. M. Razumov. Mekh. i avtom. proizv. 13 no. 12:17-18 D '59.

"Methods of determining the performance of "Donbass" cutter-loaders" by I. M. Efremov. Reviewed by M. P. Zub, K. A. Sikorskaia. Ugol' 34 no. 12:55 D '59.

New narrow range units. S. IArovoi. Mast. ugl. 8 no. 3:19 Mr '59.

Seven high prizes out of ten. N. Merkulov, E. Baronenkov. Mast. ugl. 8 no. 3:25-26 Mr '59.

COAL MINING MACHINERY—ELECTRIC DRIVING

Readers' response to E. V. Aleksandrov's and I. U. V.-Plautskii's article "Determining the parameters of electric motors for coal cutter-loaders and cutting machines". P. I. Svetlichnyi. Ugol' 34 no. 12:53 D '59.

Temporary overloading of coal mining machine motors. B. L. Davydov. Izv. vys. ucheb. zav., gor. zhur. no. 7:127-130 '59

COAL MINING MACHINERY—SAFETY MEASURES

Causes of explosions in compressor units in coal mines. G. P. Gerasimenko. Bezop. truda v prom. 3 no. 12:10 D '59.

COAL PREPARATION

New reagent for coal flotation. M. V. TSiperovich, V. G. Pliusnin. Koks i khim. no. 12:11-13 '59.

Theoretical basis for the intensification of the coal flotation process by the air-lift centrifugal method. V. I. Klassen, B. A. Koriakov-Savoiskii. Koks i khim. no. 12:7-10 '59.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

Operational data for the IM-2,75 flotation machine at the Novo-Uzlovskaya Central Concentration Plant. A. P. Zherdev. Koks i khim. no. 12:14-15 '59.

SV-1 separator with a vertical elevator wheel. V. P. Margunov. Ugol' Ukr. 3 no. 12 37-39 D '59

COAL-TAR PRODUCTS

Chemical composition of products of the catalytic cracking of the middle fraction of the Baltic Sea region shale tars. Z. T. Zonova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:151-158 Mr-Ap '60.

Production of isonicotinic acid from the low-boiling fraction of coal tar bases. M. M. Potashnikov. Zhur. prikl. khim. 32 no. 12:2777-2781 D '59.

COAL TRADE see subdivision under United States

COALS see subdivision under Pamirs

COAST CHANGES

(see also subdivision under Baikal, Lake, Bering Sea; Black Sea; Caspian Sea, Chukchi Sea; Japan, Sea of; Kamchatka; Kerch Strait; Okhotsk, Sea of; Tuapse Bay)

Conference on the dynamics of coasts of seas and reservoirs. A. T. Filippov. Gidr. stroi. 29 no. 12:59-60 D '59.

Evolution of accumulative forms in case of a relatively raised shore. IU. S. Dolotov. Trudy Okean. kom. no. 4:66-80 '59.

Investigating the transformation of sandy shores in case of oblique approach of waves. L. IA. Filippova. Trudy Okean. kom. no. 4:156-160 '59.

Studying the reformation of reservoir shores. E. K. Grechishchev. Trudy Vost.-Sib. fil. AN SSSR no. 19:230-243 '59.

COASTS

(see also subdivision under Anadyr Bay; Caspian Sea; Sakhalin)

From the history of studying the dynamics of the coastal zone. V. V. Longinov. Trudy Okean. kom. no. 4:161-166 '59.

COAXIAL CABLES

Characteristics of processes in open-circuited coaxial lines. V. A. Solov'ev. Radiotekhnika 14 no. 12:15-18 D '59.

New developments in the technology of communication. H. Sinchenko. Nauka i zhyttia 9 no. 5:6-10 My '59

COBALT

Air oxidation of cobalt and of an alloy of iron with a 13% cobalt content. V. V. Ipat'ev, V. F. Nizhel'skii, M. G. Vladimirova. Trudy LTA no. 80 pt. 2:47-56 '58.

Cobalt and vitamin B_{12} content of sludges of stagnant waters in the Azerbaijan S. S. R. S. V. Letunova. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:143-146 '59.

Obtaining nickel and cobalt carbonyls from alloys with aluminum. IA. IU. Aliev and others. Dokl. AN Uz. SSR no. 11:36-39 '59.

COBALT—ANALYSIS

Photocolorimetric determination of cobalt in rubbers by the use of nitroso R-salt. L. L. Bogina, L. P. Martiukhina. Kauch. i rez. 18 no. 11:56-59 N '59.

COBALT—METALLURGY

Reduction of nickelous and cobaltous oxide by graphite. M. G. Zhuravleva, G. I. Chufarov. Trudy Inst. met. UFAN SSSR no. 3:63-66 '59.

COBALT—TOXICOLOGY

Study of the possibility of utilizing food pectin as a fixing agent in cobalt intoxication [with summary in English] A. D. Bezzubov, A. I. Khatina. Gig. i san. 24 no. 11 32-36 N '59

COBALT CHLORIDE

Reactions of organometallic compounds with salts of heavy metals. Report No. 1: Reaction of ethylmagnesium bromide with titanium and cobalt halides. Wang Fo-sung, B. A. Dolgoplosk, B. L. Erusalimskii. Izv. AN SSSR Otd. khim. nauk. no. 3 469-473 '60.

COBALT-CHROMIUM-TITANIUM ALLOYS—METALLOGRAPHY

Allotropic and magnetic transformations in cobalt-chromium-titanium alloys. E. K. Zakharov, B. G. Livshits. Izv. vys. ucheb. zav.; chern. met. no. 3:125-130 '60

COBALT COMPOUNDS

Crystal structure of thiocyanatopentaammine cobalt (III) nitrate $[Co(NH_3)_5CNS](NO_3)_2$. T. I. Malinovskii, L. D. Samus', N. V. Belov. Dokl. AN SSSR 131 no. 6:1327-1329 Ap '60.

Kinetics of hydration of halobis (dimethylglyoximo) aquocobalt (III). A. V. Ablov, A. IA. Sychev. Zhur. neorg. khim. 4 no. 11:2495-2504 N '59.

Preparation of diamminecobalt (II) sulfite [in Georgian with summary in Russian]. P. V. Gogorishvili, M. V. Karkarashvili. Trudy Inst. khim. AN Gruz. SSR 14:19-21 '58.

Synthesis of hydrazine cobalt dicarbazate [in Georgian with summary in Russian]. P. V. Gogorishvili, I. D. TSitsishvili. Trudy Inst. khim. AN Gruz. SSR 14:83-91 '58.

COBALT COMPOUNDS—SPECTRA

Spectrophotometric study of nickel and cobalt pyridinates in various solvents. A. V. Ablov, L. V. Nazarova. Zhur. neorg. khim. 4 no. 11:2490-2493 N '59.

COBALT IN THE BODY

Cobalt and nickel concentration in the colostrum, transitional and ripe human milk during individual months of lactation. O. G. Kopytkova. Vestsi AN BSSR. Ser. biial. nav. no. 4 142-144 '59

COBALT SILICATE—ELECTRIC PROPERTIES

Electrolytic transfer in fused cobalt silicates [with summary in English]. O. A. Esin, G. A. Teterin. Zhur. fiz. khim. 33 no. 12:2748-2754 D '59.

COBALT SULFATE

Study of the sulfation of iron, copper, and cobalt by sulfuric acid. V. V. Pechkovskii, N. I. Soboleva. Zhur. prikl. khim. 32 no. 8:1857-1859 Ag '59.

COCCIDIA see subdivision under Tajikistan

COCCIDIOSIS

Relation of age to infestation of sheep with Coccidia. M. V. Krylov. Dokl. AN Tadzh. SSR 2 no. 1:41-44 '59.

CODFISH see subdivision under Barents Sea; Black Sea

COFFEE see subdivision under Abkhazia

COILS, ELECTRIC see Electric coils

COINS see subdivision under Tajikistan

COKE

Calcining petroleum coke in an industrial rotary furnace and in electric calciners. Z. I. Siunilov, A. F. Krasiukov, M. A. Kuvakin. TSvet. met. 32 no. 11:70 N '59.

Characteristics of the coal coking process. D. M. Lisin. Izv. Sib. otd. AN SSSR no. 10:40-57 '59.

Investigating the desulfuration process of petroleum coke by means of high-temperature calcining. A. V. Ivanov, V. I. Krylov. TSvet. met. 32 no. 11:79-80 N '59.

Osmailin, B. A. [Formation and structure of coal coke] Obrazovanie i struktura kamenno-ugol'nogo koksa. Moskva, Izd-vo Akad. nauk SSSR, 1960. 410 p.

Production of foundry coke from coal charges containing gas coals. I. E. Zamkovoi, G. I. Balanov. Koks i khim. no. 12:25-26 '59.

Selection of a continuous process for coking coal-tar pitches. M. A. Stepanenko and others. Koks i khim. no. 12:27-30 '59.

Use of spectrography for determining sulfur in cokes and coals. I. A. Berezin, K. V. Aleksandrovich. Zav. lab. 25 no. 12:1480-1481 '59.

COKE INDUSTRY

(see also subdivision under Russia, Southern)

Basic principles of arrangements in the general planning of by-product coking plants. S. L. Neiman, M. A. Raigorodskii. Koks i khim. no. 12:45-49 '59.

Establishing standard types of buildings and constructions for by-product coking plants. P. G. Buriak. Koks i khim. no. 12:49-51 '59.

Thermal processing of coal used for power engineering. I. Sapozhnikov. Mast. ugl. 8 no. 2:15-16 F '59.

COKE INDUSTRY—BY-PRODUCTS

Use of bakelite coatings in heat exchangers of the by-product coking industry. I. A. Levantovich. Koks i khim no. 12 33-35 '59.

COKE OVENS

Precast monolithic heat-resistant reinforced concrete foundations of coke-oven batteries. P G. Buriak, S S. Posternak, N. S. Gutnik Prom. stroi. 37 no 12. 27-29 D '59

Precast reinforced concrete slaking towers for coke-oven batteries. A. S. Chernyi, V. K. Retlink. Prom stroi. 37 no 12.24-26 D '59.

COLD STORAGE

(see also subdivision under Aktyubinsk)

Don't repeat the old mistakes. A. Zhavoronkov. Sov potreb koop 4 no 1 33-34 '60.

COLD STORAGE—INSULATION

Investigating the heat-insulation properties of the PKhV-1 foam product in frozen meat storage A Lepilkin, S Nozdrin Mias ind SSSR 30 no 6 47-49 '59

COLD STORAGE WAREHOUSES

(see also subdivision under Germany, West, Leningrad, Odessa) •

Expansion and intensification of the operations of cold storage warehouses in poultry combines. A Chebanov, V Ochakovskii Mias ind SSSR 30 no 2·37-38 '59

Use of fiberboard for insulating separate sections of cold storage warehouses I Dushin Khol tekh 36 no 6 55-56 N-D '59

COLD STORAGE WAREHOUSES—EQUIPMENT AND SUPPLIES

Stacking of products on trays M. Gural'nik Khol tekh 36 no 6 49-52 N-D '59

COLD WELDING

Testing the self-diffusion property of metals. Z. M. Rubashkina. Izv. vys. ucheb. zav., prib no. 3 141-147 '59.

COLITIS

Terminal ileitis in insufficiency of Bauhin's valve in chronic colitis patients. A. A Askarov, A. A Finkel' Izv. AN Uz. SSR, Ser. med no. 6 49-54 '59.

COLLAGEN

Changes occurring in the temperature of "boiling" [shrinkage temperature] and in the linear dimensions of collagen fiber models during "boiling" [thermal shrinkage] V V Anokhin Izv vys. ucheb. zav, tekh. leg prom. no 5·59-68 '59

Investigating deformation relaxation of collagen fiber models. V V. Anokhin, M P Kotov Izv vys ucheb zav, tekh. leg prom no 5:52-58 '59.

COLLAGEN DISEASES

Giant lympho-follicular hyperplasia of the mesenchyma of the Brill-Symmers type in so-called collagen disease L. Tolcharov. Klin. med 37 no. 12·124-129 D '59

COLLAGENASE

Effect of the collagenase of Clostridium histolyticum on synthetic peptides consisting of glycine, *l*-proline, and *L*-hydroxyproline. K. T. Poroshin and others. Izv. AN SSSR Otd. khim. nauk. no. 3:550-552 '60.

COLLECTIVE FARMS

(see also subdivision under Borodyanka District, Gissar District; Gissar Valley, Kasira District, Kazakhstan, Kherson District; Kievo-Sviatoshinskiy District, Kirovograd Province, Krasnodar Territory; Latvia, Odessa Province; Rostov Province; Tyachevo District; Ukraine, Yal'chiki District; Yangi-Yul' District)

Answering questions. Kolh. Ukr. 6 no. 12·44 D '59.

Baranov, O. A. [Thriving collective farm in the village of lyubovka] Roztsvitaie kolhospna Liubivka. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 25 p.

Borisov, IU. S. [Twenty-five thousand envoys to collective farms] 25-tysiachniki. Moskva, Gos. izd-vo polit. lit-ry, 1959. 93 p.

Cash payment helps to strengthen economy. I. Nikolaev, A. Karpushenko. Nauka i pered. op. v sel'khoz. 9 no. 12·6-8 D '59.

Cash payment is an important factor in improving collective farm economy. G. V D'iachkov Len i konop. 4 no. 11 27-30 N '59.

Come and see it yourself. G. Rufanov. Za rul. 17 no 11·8 N '59

Compensation procedures for damages sustained by the communal economy of a collective farm N. M. Borodanov. Uchet i fin v kolkh. i sovkhoz 16 no. 12 53-54 D '59

The conception of "collective farm income." A. Zhitenas. Ekon. sel'khoz. 31 no. 1;107-109 Ja '60.

Conduct meetings for reports and elections on collective farms in an organized manner. Uchet i fin. v kolkh. i sovkhoz. 16 no 12·2-4 D '59.

The Dniester Valley in 1959. Valentyn Rechmedin. Ukraina no 23·2-3 D '59.

Efficient work of a collective farm party committee N Dovbysh Komm Mold 4 no. 11 30-31 N '59

From birth to old age A Osipov Sots obesp. 20 no 11 41-42 N '59

Good book about a collective farm in Kalinovka village ("New Kalinovka" by V. I Poliakov. Reviewed by A Kogan). Ekon. sel'khoz 30 no. 8 116-117 D '59

Guaranteed payment of wages IA I Timofeev Uchet i fin v kolkh i sovkhoz 16 no 12 51-52 D '59

Harlelkin, L. I., and L V. Volnava. [The Il'ich Collective Farm in Minsk District] Kalhas imia Il'icha, Minskaha raena. Minsk, Dziarzh vyd-va BSSR, Red. sel'skahaspadarchai lit-ry, 1959. 62 p.

IAchmentseva, E. I. [Collective farm equipment on collective farm fields] Kolkhoznaia tekhnika na kolkhoznykh poliakh. [Moskva] Mosk. rabochii, 1959. 47 p. (DA)

Improving the economy of the Kirov Collective Farm. G. Sonin. Ekon. sel'khoz 30 no. 8 18-52 D '59.

Labor agreements and building contracts on collective farms V P Kel'der Izv. vys. ucheb zav., prav 3 no. 4:72-81 '59

Medvedev, V A. [Paths of the development and rapprochment of public and collective farm forms of property] Puti razvitiia sblizheniia kolkhoznoi i obshchenarodnoi form sobstvennosti Leningrad, Ob-vo po rasprostranenitu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 42 p.

The most dependable. Vasil' Praskurau. Belarus' 16 no 12 10-11 D '59

Mykytenko, K. D. [Development of our collective farm during the seven-year plan] Kolhosp u semyrichtsi. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 24 p.

The nature of differential rent on collective farms V Zadneprianets Komm Ukr 35 no 11 63-71 N '59

New books Uchet i fin. v kolkh i sovkhoz 16 no 12 58 D '59

New procedure in the payment of party dues by the Communists who work on collective farms Part. zhizn' Kazakh 28 no 7·59-61 Jl '59

On the prospects of merging the two forms of socialist property. A. Pashkov. Vop. ekon. no. 5·31-41 My '60.

Planning the communal economy of a collective farm and technological charts. A. Shibanov, I. Voronin. Vop. ekon. no. 5·149-152 My '60

Present-day commercial operations of the collective farms of the Kazakh S.S.R. B. K. Kalmov. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4·59-71 '59.

Progressive wage form. D. Balibaev. Ekon. sel'khoz. 30 no 8·68-71 D '59.

"School brigades on collective farms." Reviewed by B. Semenov. Sel'. mekh. no. 12·41-42 '59.

Strengthening the communal economy of a collective farm. IA. Zviagintsev. Ekon. sel'khoz. 31 no. 1:55-60 Ja '60

The 21st Party Congress Collective Farm. B. Antonau, S. Bystrou. Belarus' 16 no. 12;1-3 D '59.

Vyshinskaia, Z. A. [Criminal responsibility for criminal encroachments on collective-farm property] Ugolovnaia otvetstvennost' za prestupnye posiagatel'stva na kolkhoznoe imushchestvo. Moskva, Gosiurizdat, 1959, 147 p. (DS)

Zenchanka, A. [Let's show you Snov', a new collective farm village] Vos' iano, novae kalhasnae sialo Snou. Minsk, Dziarzh. vyd-va BSSR, 1959. 31 p.

Zubarau, IA. I. [How we carry out our rights to control the work of collective farm management] IAk my azhytstsiauliaem prava kantroliu dzinastsi praulennia kalhasa. Minsk, Dziarzhaunae vyd-va BSSR. Red. masava-palitychnai literatury, 1959. 27 p.

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under Kalinin Province; Moldavia; Orlov Province; Shadrinsk District; Tajikistan)

Accounting organization for the expenditures of subsidiary operations using the new reports plan. V. P. Subbotin. Uchet i fin. v kolkh. i sovkhoz. 17 no 2:24-27 F '60.

How to analyze the economic and financial operations of a collective farm. S. K. Tatur, I. A. Lamykin. Uchet i fin. v kolkhoz. 16 no. 11·26-35 N '59.

How to change to the new reports plan. G. T. Korentugin. Uchet i fin v kolkh. i sovkhoz. 17 no. 2:10-23 F '60.

Improve the organization of original accounting on collective farms. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11· 10-14 N '59.

Introducing a new system for the organization of accounting. A. A. Kornatovskii. Uchet i fin. v kolkhoz. i sovkhoz 16 no. 11 50 N '59

New accounting procedures on collective farms. Uchet i fin v kolkh. i sovkhoz 16 no. 12·5-13 D '59

Organization of production practice for students specializing in accounting E V. Komarov Uchet i fin. v kolkh i sovkhoz. 16 no. 12 55-58 D '59

Original accounting for labor to determine monetary payment of wages N. I. Mikulinich. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11·48-50 N '59.

The start has been made. Uchet i fin. v kolkh. i sovkhoz. 17 no. 2·5-6 F '60.

Use electric power economically and account for it correctly I. M. Butorin. Uchet i fin. v kolkh. i sovkhoz. 17 no. 2·46-47 F '60

We are simplifying the accounting for products and materials. A. L. Rozentsvaig. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11 44-47 N '59.

COLLECTIVE FARMS—AUDITING AND INSPECTION

(see also subdivision under Cheboksary District; Sovetskaya District, Rostov Province)

Guarding the interests of the collective farm communal economy. T M. Milovanova. Uchet i fin. v kolkhoz i sovkhoz, 16 no. 11,55-57 N '59.

COLLECTIVE FARMS—FINANCE

(see also subdivision under Krasnodar Territory; Novouzensk District)

Business accounting on a collective farm. I. Popov. Ekon. sel'khoz. 30 no 8:99-100 D '59.

Consolidating undivided funds on collective farms. G. [illegible]tov Ekon. sel'khoz. 31 no. 1 20-29 Ja '60.

Determining the effectiveness of expenditures on crops and livestock sections of collective farms I S. Zhuk[illegible] Uchet i fin v kolkh i sovkhoz, 16 no. 12,43-47 D '59

How to analyze the economic-financial operation of a collective farm Uchet i fin v kolkh i sovkhoz 16 no 12,27-34 D '59

Practice in determining the economic effectiveness of capital investments on a collective farm G. R[illegible]. Ekon. sel'khoz. 31 no. 1·30-36 Ja '60.

Working capital aids the correct organization of collective farm finance. P P Orlov. Uchet i fin v kolkh i sovkhoz 17 no. 2;39-40 F '60.

COLLECTIVE FARMS—FIRES AND FIRE PREVENTION

see subdivision under Bashkiria, Voronezh Province

COLLECTIVE FARMS—INCOME DISTRIBUTION

(see also subdivision under Chkalov District, Smolensk Province)

Business accounting and monetary compensation for work on collective farms. N. Shaparenko. Sots. trud 4 no. 7:124-126 Jl '59.

Monetary payment of wages on collective farms in the [illegible]rinsk District. V. Pronin. Ekon. sel'khoz 31 no. 1 [illegible] Ja '60.

[Some economic problems in industry and agriculture, collected articles for the economics students' aid] Nekatoryia pytanni ekanomiki vytvorchastsi; zbornik artykulau u dapamohu ekanamichnai adukatsyi. Minsk, Dziarzh. vyd-va BSSR, Red. satsyial'na-ekan. lit-ry, 1959. 143 p.

Some questions on the shift to monetary compensation of collective farm labor G Lapshina, D. Val[illegible] Sots. trud 4 no 11 50-58 N '59.

Wages of silkworm breeders on collective farms. F. [illegible], A. Mezhenskii. Ekon sel'khoz. 31 no. 1,110-111 Ja [illegible]

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

Role of collective farm chairmen in the collective farm managerial system A. M. Kalandadze. Izv. vys. ucheb. zav, prav 3 no. 4·60-71 '59.

Selection and education of collective farm officials. V. Dorkin. Komm. Bel. 33 no. 12:35-41 D '59.

COLLECTIVE FARMS—SANITATION

"Sanitation in the collective farm village" by P. N. Mal[illegible] Reviewed by B. A. Danilovich. Fel'd. i akush. 25 no. 1 60-62 Ja '60.

COLLEGE AND SCHOOL PERIODICALS see subdivision under Brussels

COLLEGE SPORTS

Students' sports. Jaroslav Silhavi. Vsem. stud. [illegible] no 12:3-7 D '59

COLLOIDS

Coagulation of colloids. N. N. Andreev, N. S. Chet[illegible]. Trudy LTIKHP 15:92-96 '58.

Effect of gamma radiation on colloidal solutions of [illegible], cadmium and lead sulfides. I. P. Beruchashvili, F. M. Nanobashvili. Trudy Inst. khim. AN Gruz. SSR [illegible] '58.

COLONIES

Founders of scientific socialism on the colonial system of capitalism ("K. Marx and F. Engels on the colonial system." Reviewed by A. S. Dergunova [with summary in English]. Probl. vostokoved. no. 2:165-169 '60.

COLOR—PHYSIOLOGICAL EFFECT

Beauty and health. V V. Efimov. Zdorov'e 6 no 1 3-[illegible] Ja '60.

COLOR PHOTOGRAPHY

Color photography of the iris of a human eye. E. G. Shaer. Krat. soob. Inst. etn. no. 32:134-138 '59.

Regulating the temperature in the processing of color film. S. A Levitan, M. B Khalameizer. Trudy M[illegible] no. 27,330-339 '58.

COLOR PRINTING

We must organize production of artistic facsimile reproductions. M. I. Flekel'. Poligr. proizv no 12 7-9 D '59.

COLOR SENSE

Experiments in color vision (from "Scientific American" no. 5, 1959). E. H. Land. Nauka i zhizn' 26 no. 12:51-[illegible] D '59.

Vision and color. V. Rydnik. IUn. tekh. 4 no. 12:41-45 D '59.

COLOR TELEVISION

[Color television receivers; Priemniki tsvetnogo televideniia, sbornik perevodov. Moskva, Gos. energ. izd-vo, 1960. 45 p. (Televidenie za rubezhom)

Color television systems without quadrature modulation. M. Tovbin. Radio no. 12:31-33 D '59.

Differential phase and differential intensification distortions and methods of their measurement P. M Kopylov Sbor stud. nauch rab LEIS no. 1:5-17 '59.

COLORIMETERS

Automatic polarization colorimeter. R. IA. Keimakh, V. I. Kudriavtsev. Priborostroenie no. 12:12-13 D '59.

COLORIMETRY

Photocolorimetric method for determining levomycetin and synthomycin [with summary in English] A. M. Aliev. Apt. delo 8 no. 6:27-30 N-D '59.

Using photocolorimetric methods in determining SiO_2, Al_2O_3, Fe_2O_3, and Mn_2O_3 in slag raw mixes K. G Kondratova, E A Sazhina, E. E Gurevich. TSement 25 no 6 26-27 N-D '59

COLUMBIA—STRIKES AND LOCKOUTS—GOLD MINES AND MINING

A trade unionist's notebook. Vzem. prof. dvizh. no. 6:55 Je '59

COLUMBUS, OHIO—RENDERING WORKS

New method of cooling melted fat (from "The National Provisioner," Oct , 1958). Mias ind. SSSR 30 no. 2: 60 '59.

COLUMNS, CONCRETE

Interaction of slabs and columns in girderless ceilings. S. A Istomin Stroi mekh. i rasch. soor 1 no. 6:33-38 '59

COLUMNS, PACKED see Packed towers

COMBINES (AGRICULTURAL MACHINERY)

(see also subdivision under Taganrog)

Corn combine developed by H. I. Baid, S. Danylevych. Mekh. sil'. hosp. 11 no. 1:13 Ja '60.

Technology of making variator disks for SK-3 self-propelled combines N P Kosov. Trakt i sel'khozmash no 1 37-39 Ja '60

COMBINES (AGRICULTURAL MACHINERY)—TECHNOLOGICAL INNOVATIONS see subdivision under Taganrog

COMBUSTION

Combustibility of upland and lowland peat in cyclone furnaces with liquid slag disposal [with summary in English]. V. D Dunskii Inzh -fiz zhur, no 12:90-93 D '59

Determining the width of the combustion area of a turbulent flame [with summary in English]. K. P. Vlasov Inzh. -fiz zhur. no 12:83-85 D '59.

Ignition by incandescent bodies in a flow. S. A. Gol'denberg. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2: 195-197 Mr-Ap '60.

Optimal slope angle in photography for measuring combustion velocity [with summary in English]. N. N. Bakhman. Inzh. -fiz. zhur. no. 1:94-97 Ja '60.

Primary ignition of a layer of Moscow Basin lignite under top ignition. V. A. Parilov. Sbor. nauch trud. IEI no. 8.178-187 '58.

Rate of burning of a two-component powder model. B. V. Novozhilov. Dokl. AN SSSR 131 no. 6:1400-1403 Ap '60.

Rates of top ignition and burning out of a layer of Moscow Basin lignite. V. A. Parilov. Sbor. nauch trud. IEI no. 8:169-178 '58.

Volatile yield in the process of combustion of peat particles [with summary in English]. IU. A. Finaev. Inzh. -fiz. zhur. no 12:86-89 D '59.

COMBUSTION, SPONTANEOUS

Conditions for the occurrence of spontaneous ignition and combustion of waste piles in the Prokop'ev region of the Kuznetsk Basin. B. A. Surnachev. Izv. vys. ucheb. zav. i gor. zhur. no. 6:28-33 '59.

COMEDY FILMS

Historical calendar of Soviet cinema. O. Abol'nik. Isk. kino no. 12.171 D '59.

What did the comedy convey? M. Turovskaia. Isk. kino no. 11:79-81 N '59.

COMETS—1956

Arend-Roland's comet. D. Shchegolev. Astron. tsir. no. 180:18 My '57.

Arend-Roland's comet. Rozhkovskii and others. Astron. tsir. no. 180:2 My '57.

Arend-Roland's comet (1956 h). S. K. Vsekhsviatskii. Astron. tsir. no. 180:10 My '57.

Evaluating the brightness of comet (1956 h). D. IA. Martynov. Astron. tsir. no. 180:13-14 My '57.

Evaluation of the brightness of Arend-Roland's comet at the Vilnyus Observatory. V. L. Straižis. Astron. tsir. no. 180:13 My '57.

Observations of Arend-Roland's comet at the Abastumani Astrophysical Observatory. V. P. Dzhapiashvili. Astron. tsir. no 180:14-15 My '57.

Observations of Arend-Roland's comet at the Kharkov Astronomical Observatory. N. P. Barabashov. Astron. tsir. no. 180:15-16 My '56.

Observations of Arend-Roland's comet in Stalinabad. A. M. Bakharev. Astron. tsir. no. 180,11 My '57

Observations of Arend-Roland's comet on radio waves. Astron. tsir. no. 180:5 My '57.

Observations of Arend-Roland's comet (1956 h). A. N. Deich. Astron. tsir. no. 180:16-17 My '57.

Observations of Arend-Roland's comet (1956 h). B. A. Vorontsov-Vel'iaminov and others. Astron. tsir. no. 180:2-4 My '57.

Observations of Arend-Roland's comet (1956 h) by amateurs, and the date of appearance of an anomalous tail. D IA. Martynov. Astron. tsir. no. 180:11-13 My '57

Observations of Arend-Roland's comet (1956 h). F. IU. Zigel'. Astron. tsir. no. 180:5 My '57

Observations of Arend-Roland's comet (1956 h) in Irkutsk. G. V. Kuklin. Astron. tsir no. 180:8-9 My '57.

Photographic observations of Arend-Roland's comet in Pulkovo. V. V. Lavdovskii. Astron. tsir. no. 180:17-18 My '57.

Photographic observations of Arend-Roland's comet on the double short-focus astrograph in Pulkovo. L. A. Panaiotov. Astron. tsir. no. 180:17 My '57.

Preliminary data on observations of Arend-Roland's comet at the Tartu Astronomical Observatory of the Academy of Sciences of Estonia. G. Kuzmin, H. Raudsaar. Astron. tsir. no. 180,9-10 My '57.

Tails of Arend-Roland's comet. B. A. Vorontsov-Vel'iaminov. Astron. tsir. no 180:6-7 My '57.

COMETS—ORBITS

Distribution of visual density in the head of a comet and its effect on the determination of orbit elements [with summary in German]. D. O. Mokhnach. Biul. Inst. teor. astron. 6 no. 5:269-311 '56.

COMMANDER ISLANDS see Komandorskiye Islands

COMMERCE

Moscow. Institut mezhdunarodnykh otnoshenii. [Problems of foreign trade] Voprosy vneshnei torgovli. Moskva, Izd-vo IMO, 1960. 195 p.

COMMERCE—PERIODICALS

Conference of the readers of "Sovetskaia torgovlia " Sov torg 33 no. 1:58-59 Ja '60

COMMERCIAL AERONAUTICS see Aeronautics, Commercial

COMMERCIAL ART—EXHIBITIONS see subdivision under Moscow

COMMERCIAL CORRESPONDENCE

Kopytov, P. A. [Commercial and business correspondece] Korrespondentsiia i deloproizvodstvo. Moskva, Izd-vo TSentrosoiuza, 1959. 151 p.

COMMERCIAL CRIMES

Elimination of conditions that contribute to theft, fraud, and the shortages of goods in the organizations of state and cooperative trade. A. Sidorkov. Sots. zakon. 36 no. 12:61 D '59.

Struggle against theft and the shortages of goods in consumers' cooperatives N. Poliakova, N. Sverdlin. Sots. zakon. 36 no. 12:62 D '59.

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin.] Novye tovary; informatsionnyi biulleten' no. 5 '60.

COMMUNICABLE DISEASES

Some achievements in the study of human diseases having a natural focus of infection. P. A. Petrishcheva. Med. paraz. i paraz. bol. 26 no. 6:643-650 N-D '57.

COMMUNICATION AND TRAFFIC

Change to a seven hour day and adjustment of the pay of communication workers. N. I. Bakhgorskii. Vest. sviazi 19 no. 12:14-15 D '59.

Increase the role of industrial laboratories in the technological development and the improvement of means of communication. Vest. sviazi 19 no. 12:17-19 D '59.

Technical schools of the Ministry of Communications. Sred. spets. obr. 6 no. 11:54-55 N '59.

COMMUNICATION AND TRAFFIC—BIBLIOGRAPHY see Bibliography—Communication and traffic

COMMUNICATION AND TRAFFIC—TECHNOLOGICAL INNOVATIONS

Encourage creative activity in inventors and innovators. Vest. sviazi 19 no. 12:2 D '59.

COMMUNISM

(see also subdivision under Armenia; Germany, East; Rumania)

Basic features of the period of large-scale buildings of a communist society. M. Efremkin. Part. zhizn' Kazakh. 28 no. 7:37-42 Jl '59.

A book about the material and technical foundation of communism ("The material and technical foundation of communism in the U. S. S. R." by A. A. Zvorykin. Reviewed by A. Ostrometskii [in English]. Vest. ist mir. kul't. no. 6:137-143 N-D '59.

Contradictions in the development of the socialist society. IA. P. Golenchenko. Trudy Inst. filos. AN BSSR no. 1.133-160 '58.

Correlation of social being and social consciousness. V. Zh. Kelle, M. IA. Koval'zon Vest. Mosk. un. Ser. ekon., filos., prava 14 no 4 99-112 '59.

Distribution of material and spiritual riches in the present day phase of Soviet society. I. Maksimov. Komm. Bel. 33 no. 12:56-63 D '59

Dudel', S. P. [Dialectical transition from socialism to communism] Dialektika pererastaniia sotsializma v kommunizm. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. Filosofiia, no. 9)

For a thorough interpretation of the problems of scientific communism. V. Bespal'chii. Komm. Ukr. 35 no. 12: 73-76 D '59.

Forms of the transition of various countries to socialism. G. A. Nagapetian. Uch. zap MGZPI no. 1 57-134 '59

Foster, William Z. [History of the three Internationals; the world socialist and communist movement from 1848 to the present. Translated from the English] Istoriia trekh Internatsionalov; mezhdunarodnoe sotsialisticheskoe i kommunisticheskoe dvizhenie s 1848 goda do nastoiashchego vremeni. Moskva, Gos. izd-vo polit. lit-ry, 1959. 617 p.

Garaudy, Roger. [Marxist humanism; five polemical essays. Translated from the French. Preface by M. T. Iovchuk] Marksistskii gumanizm, piat' polemicheskikh ocherkov. Moskva, Izd-vo inostr. lit-ry, 1959. 209 p.

The Great October. Inostr. iaz. v shkole no. 6:3-7 N-D '59.

"A history of three internationals; the international socialist and communist movement from 1848 to the present" by William Z. Foster. Reviewed by K. Seleznev Mir. ekon. i mezhdunar otn. no 5:146-148 My '60.

Lenin, V. I. ["Left-wing communism," an infantile disorder] Detskaia bolezn' "levizny" v kommunizme. Moskva, Gos. izd-vo polit. lit-ry, 1959. 100 p. (Bibliotechka po nauchnomu sotsializmu)

The Leninist theory of the socialist revolution and present-day revisionism. A. P. Butenko. Vop. filos. 14 no. 4:46-57 '60.

Lenin's plan for the building of communism in action. Vop filos. 14 no. 4:3-13 '60.

Lenin's teaching on the noncapitalist way of development [with summary in English]. S. N. Rostovskii. Probl. vostokoved. no. 2:21-28 '60.

"Library of scientific socialism." I. G. Batulina. Vop. filos. 14 no. 4:167-169 '60.

Moscow. Akademiia obshchestvennykh nauk. [General laws of the transition to socialism and the characteristics of their manifestion in various countries] Obshchie zakonomernosti perekhoda k sotsializmu i osobennosti ikh proiavleniia v raznykh stranakh. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 234 p.

My way to Leninism. Ho Chi-minh. Probl. vostokoved. no. 2:19-20 '60.

On the complete and final victory of socialism in the U. S. S. R. G. F. Dakhshleiger. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:3-15 '59.

On the 90th anniversary of V. I. Lenin's birth. Izv. AN SSSR. Ser. geofiz. no. 4:I-IV Ap '60.

Possibility and reality in the development of Soviet socialist society. A. V. Bodakov. Trudy Inst. filos. AN BSSR no. 1:54-88 '58.

Pervushin, S. P. [Some problems relating to the transition from socialism to communism] Nekotorye problemy perekhoda ot sotsializma k kommunizmu. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 150 p.

Problem of socially useful work under socialism. A. IA. Koshelev. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:39-57 '59.

Social and economic premises of Marxism. A. Kuznetsov. Nauch. dokl. vys. shkoly, ekon. nauki no. 4:105-116 '59.

Tovkach, M. D. [Humanism of the socialist system] Gumanizm sotsialistychnoho ladu. Kyiv, 1960. 62 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 9-10)

Triumph of great ideas of Leninism. Voen. znan. 36 no. 4:2-3 Ap '60.

The 21st Congress of the CPSU on the basic functions of the Soviet state during the expanding development of communism. A. I. Ishanov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5:3-12 '59.

[The 21st Congress of the CPSU on theoretical problems relationg to the building of communism; collected articles published in "Pravda"] XXI s"ezd KPSS o teoreticheskikh voprosakh stroitel'stva kommunizma; sbornik statei, opublikovannykh v gazete "Pravda," Moskva, Izd-vo "Pravda," 1959. 134 p.

Under the banner of the Great October. Sred. spets. obr. 6 no. 11.2-4 N '59.

V. I. Lenin on the role of the masses in the building of communism. E. Bugaev. Sov. profsoiuzy 16 no. 7:16-20 Ap '60.

COMMUNISM (Continued)

Valuable textbook on the general principles of Marxism-Leninism ("General principles of Marxism-Leninism." Reviewed by V. Glagolev, L Kniazeva) Mosk. prop. 16 no. 12 21-29 D '59.

We shall build a new world. Agitator no. 24:3-6 D '59.

COMMUNISM AND LITERATURE

For the happiness of mankind. Rad. lit. no. 6:3-5 N-D '59

How they carry out the decisions of the Third Congress of Soviet Writers. A.K. Mat. i soob. Issl. otd. Inst po izuch SSSR no. 9 38-51 N '59.

COMMUNISM AND RELIGION

Reactionary nature of the views of the "searchers for God" and the "builders of life in God." M. Akhremchik. Komm. Bel. 33 no. 11:51-57 N '59.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

The world socialist economic system during 1959. G. Gertsovich. Mezhdunar. zhizn' 7 no. 5:97-106 My '60.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS—RUSSIA

Sladkovskii, M.I. [The seven-year plan and economic cooperation of socialist countries] Semiletka i ekonomicheskoe sotrudnichestvo stran sotsialisticheskogo lageria. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 31 p.

COMMUNIST EDUCATION

(see also subdivision under Balashikha District, Moscow, Moscow Province)

Aleshkin, D.I. [Twenty-first Congress of the CPSU and the tasks of communist education] XXI s"ezd KPSS i zadachi kommunisticheskogo vospitaniia. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1959. 83 p.

Debate of the Communist Youth League. D. Vasilevskii. Prof.-tekh. obr. 16 no. 12:21-22 D '59.

Effective form of political education B. L. Dratver Sred spets obr 6 no 12 26-28 D '59

Strong desire. K. Lidina. Mast. ugl. 8 no. 3,13 Mr '59.

Victory of the Great October Socialist Revolution and the education of the new Soviet man A. Aliev. Trudy Sekt. filos AN Azerb SSR 1:84-118 '58.

COMMUNIST EDUCATION—TEXTBOOKS

Additional editions of textbooks and manuals for the schools of party education. V pom. polit. samoobr 3 no. 12:66 D '59.

COMMUNIST ETHICS

The green tree of life Nikolai Silaev Oktiabr' 36 no 11 181-194 N '59

Mikhalevich, A.V. [Great passions and lamentable impulses] O strastiakh i strastishkakh. Moskva, Gos. izd-vo polit. lit-ry, 1960. 77 p.

Problems of ethics in V. I. Lenin's works. A. F. Shishkin. Vop. filos. 14 no. 4:58-72 '60.

Victory of the Great October Socialist Revolution and the education of the new Soviet man. A. Aliev. Trudy Sekt. filos. AN Azerb. SSR 1:84-118 '58.

We shall build a new world. Agitator no. 24:3-6 D '59.

We should nip in the bud all traces of the past. N. Zhuravlev Agitator no 23:47-48 D '59

What is the meaning of adherence to principles. A. Mel'nikov. Otv. na vop. trud. no. 106:23-29 '59

COMMUNIST INTERNATIONAL

Founded by the great Lenin. O. Kurochkina Mast. ugl 8 no. 3:3-4 Mr '59.

COMMUNIST PARTIES

(see also subdivision under Europe, Western)

First foreign comments on V I. Lenin's book "Infantile disease of 'leftism' in communism " Vop ist KPSS 4 no 3 24-26 '60

How V. I Lenin wrote his book "Infantile disease of 'leftism' in communism " N. G Sevriugina, N. N Surovtseva Vop. ist KPSS 4 no 3,9-24 '60

Leaders of the fraternal parties on V. I Lenin's book "Infantile disease of 'leftism' in communism. Vop ist. KPSS 4 no. 3 26-31 '60

Summons to unity and solidarity. M. Sychev. Agitator no. 24:36-38 D '59.

COMMUNIST PARTY see subdivision under China, Czechoslovakia; Japan, Shanghai

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Azerbaijan; Donets Basin, Moldavia, Stalin Province; Turkmenistan; Ukraine; White Russia)

[The Communist Party during the Great Patriotic War, June 1941-1945; a collection of references] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iun' 1941 goda-1945 god; sbornik konsul'tatsii, [Moskva] Mosk. rabochii, 1960. 231 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

First stage of the large-scale building of communist society in the U S. S R. The 21st Congress of the Communist Party Komm Mold 4 no 11 42-67 N '59.

Glagoleva, V. A. [Struggle of the Communist Party for the development of the socialist revolution and consolidation of the Soviet regime, October 1917-1918] Bor'ba Kommunisticheskoi partii za razvitie sotsialisticheskoi revoliutsii i uprochenie Sovetskoi vlasti, oktiabr' 1917 g.-1918 g. Tema VIII. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 79 p. (Istoriia KPSS, Kurs lektsii)

Heroic path of the CPSU ("History of the Communist Party of the Soviet Union " Reviewed by V. S. Fedorchenko) Ukr ist. zhur 3 no. 6:133-140 N-D '59.

History of the development of the party program in education. P. V. Rudnev. Sov. pedag. 23 no. 12 81-97 D '59

How to study at seminars and in study groups on the history of the CPSU the theme "Postwar struggle of the party for the restoration and development of the socialist national economy, 1945-1953." A Smirnov. V pom. polit samoobr. 3 no. 12 86-90 D '59

How to study the theme "The Communist Party during the Great Patriotic War, June 1941-1945." I. Stupnikov. Komm. Bel. 33 no. 11:58-63 N '59.

How to study the theme; Postwar struggle of the Communist Party for restoration and development of the socialist national economy, 1945-1953. A. Kaikhanidi. Komm. Bel. 33 no. 12:64-69 D '59.

How to study the theme "Postwar struggle of the Communist Party for the restoration and development of the socialist national economy, 1945-1953." Mosk. prop. 16 no. 12:42-46 D '59.

[Military questions in the decisions of the Communist Party of the Soviet Union, 1903-1917, collected papers, Voennye voprosy v resheniiakh KPSS, 1903-1917 gg.; sbornik dokumentov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 517 p.

Moscow. Institut Marksizma-leninizma. [The Communist Party of the Soviet Union in the resolutions and decisions of the its congresses, conferences, and the plenums of its Central Committee, 1898-1960] Kommunisticheskaia partiia Sovetskogo Soiuza v rezoliutsiiakh i resheniiakh s"ezdov, konferentsii i plenumov TsK, 1898-1960. Izd. 7. Moskva, Gos. izd-vo polit. lit-ry.
Pt. 4. (1954-1960). 1960. 639 p.

Murav'ev, A. M., and A. A. Shtriakov. [The party and people during the large-scale building of communism] Partiia i narod v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 40 p.

Obichkin, G.D. [The party of Lenin as the organizer of the victories of communism] Leninskaia partiia - organizator pobed kommunizma. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 31 p.

Pavlov, A. P. [Struggle of the Communist Party for the socialist industrialization of the country and its preparations for the over-all collectivization of agriculture, 1926-1929] Bor'ba Kommunisticheskoi partii za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gg., tema XI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 134 p.

Problems of cooperation in a textbook on the history of the CPSU. M. Lopatkin. Sov. potreb. koop. 4 no. 1:46-47 '60.

[Statutes of the Communist Party of the Soviet Union adopted at the 19th Congress of the Party; with some amendments introduced by the 20th Congress of the CPSU] Statut Komunistychnoi Partii Radians'koho Soiuzu; pryiniatyi XIX z'izdom partii (Chastkovi zminy vneseni XX z'izdom KPRS). Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 30 p.

Study of the postwar history of the Communist Party of the Soviet Union, 1945-1959. L. Slepov. V pom. polit samoobr. 3 no 12:21-33 D '59.

Ugriumov, A. L. [Communist Party in the struggle to restore and develop the national economy in the postwar period, 1945-1953] Kommunisticheskaia partiia v bor'be za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennyi period, 1945-1953 gody. Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 11)

V. I. Lenin on the importance of unity in the party's struggle for the victory of socialism and communism S L. Titarenko. Vop ist. KPSS 4 no 3 159-169 '60.

Vodolazskii, A. F. [Collective leadership of the Bolshevik Party during the first years of the New Economic Policy, 1921-1923] Kollektivnost' rukovodstva Bol'shevistskoi partii v pervye gody NEPA, 1921-1923 gg. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 15)

Your handbook. A. Vartan'ian. Zhizn' glukh. 12 no. 11:22 N '59.

COMMUNIST PARTY OF THE SOVIET UNION—AUDIO-VISUAL AIDS

[History of the CPSU; visual aid in three parts] Istoriia KPSS; nagliadnye posobiia v trekh vypuskakh. [Moskva] Gospolitizdat.
No. 2. 1959. 52 l. (in portfolio)

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

A congress of the builders of communism. V Kosolapov Agitator no 1:9-13 Ja '60

COMMUNIST PARTY OF THE SOVIET UNION—HANDBOOKS, MANUALS, ETC.

[Manual for party workers] Spravochnik partiinogo rabotnika. Moskva, Gos. izd-vo polit. lit-ry.
No. 2. 1959. 639 p.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

In the Committee of Party Control attached to the Central Committee of the CPSU Vop ist KPSS 4 no 3 235 '60

New procedure in the payment of party dues by the Communists who work on collective farms. Part zhizn' Kazakh. 28 no 7:59-61 Jl '59.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Al'met'yevsk; Begovat District; Cherepovets, Dzhizak District; Gomoi' District; Kakhovka District, Karaganda, Kaushany District, Kazakhstan; Moldavia, Moscow; Nikolayev; Novaya Shul'ba District; Shkotovo District; South Kazakhstan Province, Stalingrad; Sverdlovsk; Tashkent, Ukraine, Uzbekistan; White Russia)

Anisimov, V. P. [Propaganda groups] Propagandistskie gruppy. Moskva, Izd-vo "Sovetskaia Rossiia," 1959 40 p. (Iz opyta partiinoi i sovetskoi raboty)

Brief news Agitator no. 1:79-80 Ja '60.

Decisive force in rural areas. A. Smirnov. Komm. Bel 33 no. 12:27-34 '59.

Evdokimov, V. I. [Growing role of the party in the building of communism] Vozrastaiushchaia rol' partii v stroitel'stve kommunizma. Moskva, Gos. izd-vo polit lit-ry, 1960. 34 p.

For a creative interpretation of the development of party work ("Leninist principles and rules of party life" by L. Petrov Reviewed by V. Sevriukov). Part. zhizn' Kazakh 28 no. 6:69-72 Je '59.

Good beginning. N. Shatilov. Agitator no. 1:61 Ja '60

How to prepare brief notes for a talk. A. Kur'min. Agitator no 1 25-27 Ja '60

How to prepare for a lecture on world politics. G Sal'tov, G. Deborin. Agitator no. 23:50-51 D '59.

In a study group of applied economics. M. Kukain. Komm. Mold. 4 no 12:39-43 D '59.

A lecturer's initiative. S. Spitsyn. Agitator no 1 62 Ja '60

Litvak, S. N. [On voyages; practices in party work] V morskom reise; iz opyta partiinoi raboty. Moskva, "Morskoi transport," 1959. 95 p.
(NNC)

Newspaper articles of party workers. V. Vorontsov, A. Koloskov. Kommunist 37 no 8:61-70 My '60

Our propaganda should be concrete and purposeful K. Chernenko. Agitator no. 1:55-60 Ja '60

[Party organizations in army units and war vessels, collected articles on the work experience of local party organizations] Partiinaia organizatsiia chasti, korablia, sbornik statei ob opyte raboty pervichnykh partorganizatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 334 p.

Political poster is a forceful weapon of the party. F Il'sov. Agitator no. 23:32-33 D '59.

Propagandist Suvorov's advice and experience. Agitator no. 23:57 D '59.

Successful work depends on party members. D. Tiabut. Komm. Bel. 33 no. 11:19-24 N '59.

There must be propagandists on trains. I. Loenko Agitator no. 1:62 Ja '60.

To the clicking of the wheels. L. Grigor'ev. Agitator no. 1:62 Ja '60.

We should find the way to our listeners' hearts A Tolmachev. Agitator no. 24:45-48 D '59.

What the party organization of our economic council is working at? V. Romanov. Part. zhizn' Kazakh 28 no. 7:33-36 Jl '59.

You can't get away from the facts. S. Vekslor. Agitator no. 23:52-53 D '59.

COMMUNIST REVISIONISM

Against revisionist distortions of the general theory of law. A. F. Shebanov. Izv. vys. ucheb. zav., prav 3 no. 4:15-26 '59.

Basic concepts of Austrian Marxists on the theory of the state and the views of present-day revisionists. L G Grinberg Izv. vys. ucheb. zav.; prav. 3 no. 4:144-153 '59.

Collections of V. I. Lenin's works on special subjects L. O. Vaikhanen. Vop. filos. 14 no. 4:166-167 '60.

Crisis of present-day bourgeois ideology. G. Davidiuk. Komm. Bel. 33 no. 11:43-50 N '59.

COMMUNIST REVISIONISM (Continued)

Khromushin, G.B. [Criticism of revisionist theories in economics] Kritika revizionizma v politicheskoi ekonomii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 14)

The Leninist theory of the socialist revolution and present-day revisionism. A. P. Butenko. Vop. filos. 14 no. 1: 46-57 '60.

Lenin's theory of the socialist state and our present time. V. V. Piatkovskii. Vop. filos. 14 no. 4:14-20 '60.

Powerful weapon in the struggle against revisionism. V. S. Gott. Nauka i zhyttia 8 no. 10:5-8 O '58.

Struggle against present-day revisionism is the most important problem facing the Marxist-Leninist parties. L. Slavin, G. Feldman. Part. zhizn' Kazakh. 28 no. 6: 15-21 Je '59.

Struggle against revisionism. G. V. Skorochenko. Uch. zap. MGZPI no. 4:3-16 '59.

What is present-day revisionism. V. Mazin. Otv. na vop. trud. no. 93:30-48 '58.

Zelenova, N.G. [V.I. Lenin's book "Left-wing communism, an infantile disorder" in communism] Kniga V.I. Lenina "Detskaia bolezn' 'levizny' v kommunizme." [Moskva] Izd-vo Mosk. univ., 1959. 70 p.

COMMUNIST YOUTH see subdivision under Europe, Eastern

COMMUNIST YOUTH LEAGUE

(see also subdivision under Kirghizistan; Moscow; Novosibirsk Province; Petropavlovsk, Russian District; Tajikistan; Ukraine; Ukraine, Western)

Communism, a beloved word ("Companions in arms: stories about the Communist Youth Leaguers" by Aleksandr Bakhmeta. Reviewed by K. Ikramov, L. Semenov). Mol. komm. no. 12:129-132 D '58.

[The Communist Youth League and economic councils] Komsomol i sovnarkhozy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 157 p.

Patronage aid is an important problem; based on the materials published in "Molodoi kommunist." Mol. komm. no. 12:73 D '59.

Rural toilers should work more effectively. P. Alekhnik. Mol. komm. no. 12:7-11 D '59.

Shcherbak, F.N. [Following Lenin's precepts] Sleduia leninskim zavetam. [Leningrad] Lenizdat, 1959. 84 p.

They are the hope of the future. Zh. Saktaganovskaia. Mast. ugl. 8 no. 2:17 10 F '59.

Varsobin, A.K., A.A. Svetlikov, and N.P. Solov'ev. [Communist Youth League groups; from the work experience of Communist Youth League groups in industrial enterprises] Komsomol'skaia gruppa; iz opyta raboty komsomol'skikh grupp na promyshlennykh predpriiatiiakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 63 p.

Vsesoiuznyi leninskii kommunisticheskii soiuz molodezhi. TSentral'nyi komitet. [Forty years of the Communist Youth League; materials on the Anniversary Plenum. A collection] 40 let VLKSM; materialy iubileinogo plenuma. Sbornik. [Moskva] Molodaia gvardiia, 1958. 75 p.
(MII)

We should keep our word. Mol. komm. no. 12:1-10 D '59.

Young builders of communism. S. Kryzhova. Nauka i zhyttia 8 no. 10:1-4 O '58.

COMMUNITY AND SCHOOL

Constructive initiative and useful work. Nar. obr. no. 5:60 My '60.

COMMUNITY CENTERS see subdivision under Kuybyshev, Leningrad

COMMUTATION (ELECTRICITY)

Analysis of commutator sparking. M. F. Karasev, V. P. Savorov. Elektrichestvo no. 12:50-54 D '59.

Commutation of current when one of two parallel circuits in an electrical apparatus is disconnected. N. N. Nikiforovskii. Elektrichestvo no. 12:70-74 D '59.

Experimental investigation of commutation in electric machines. V.P.Savorov. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:20-29 '59.

COMPARISON (PSYCHOLOGY)

Perception by young schoolchildren of like and unlike features of objects in comparisons [in Ukrainian with summary in Russian]. H. I. Kabaliak. Nauk. zap. Nauk.-dosl. inst. psykhol. 9:77-93 '58.

COMPASS

Effect of technological factors on the accuracy of sensitive systems of a compass pickup. E. M. Radionov. Trudy MATI no. 40:71-86 '59.

COMPETITION, SOCIALIST see Socialist competition

COMPLEMENT FIXATION

Complement fixation reaction with dried purified tuberculin in experimental tuberculosis in guinea pigs and in patients with tuberculosis [with summary in French] A. G. IArmolenko, S. P. Gefter. Probl. tub. 37 no. 7: 76-81 '59.

COMPLEX COMPOUNDS

Complex formation in the system $NiSO_4$ - CS $(NH_2)_2$ - H_2O as determined from optical density, viscosity, and surface tension data. A. IA. Deich. Zhur. prikl. khim. 32 no. 8:1866-1868 Ag '59

Complexometric determination of scandium. B. S. Tsyvina, O. V. Konkova. Zav. lab. 25 no. 12:1430-1435 '59.

Complexometric determination of zinc in concentrates with xylenol orange and methylthymol blue indicators. O. B. Budevskii and others. Zav. lab. 25 no. 12:1440-1441 '59.

Phosphorus pentachloride as a complex-forming agent in reactions with metal chlorides. IA. A. Fialkov, IA. B. Bur'ianov. Rab. po khim. rastv. i kompl. soed. no. 2: 82-85 '58.

Synthesis and investigation of the complex-forming capacity of some phosphorus organic compounds. M. I. Kabachnik and others. Izv. AN SSSR Otd. khim. nauk no. 4:651-657 Ap '60.

COMPLEX COMPOUNDS—CONGRESSES

Eighth All-Union Conference on the Chemistry of Complex Compounds. Z. A. Sheka. Zhur. neorg. khim. 4 no. 11: 2617-2635 N '59.

COMPLEX COMPOUNDS—SPECTRA

Absorption spectra of crystals and solutions of Fe, Ni, and Co complexes with mono-, di-, and triethanolamines. B. G. Gamanov, S. V. Grum-Grzhimailo. Kristallografiia 4 no. 5:732-741 S-O '59

Spectrophotometric study of short-lived complex compounds. A. K. Babko, T. E. Get'man. Rab. po khim. rastv. i kompl. soed. no. 2:186-198 '58.

COMPOSERS

Soviet composers in the United States and Mexico. A. Baranova. Sov. muz. 24 no. 1:180-181 Ja '60.

COMPOSERS, AMERICAN

A word to friends. T. Khrennikov. Sov. muz. 24 no. 1: 3-7 Ja '60.

COMPOSITAE

Akademiia nauk SSSR. Botanicheskii institut. [Compositae.] Moskva, Izd-vo Akad. nauk SSSR, 1959. 930 p. (Flora SSSR, no. 30)

COMPOUND E see Cortisone

COMPREHENSION

Processes of abstraction in studies of texts [with summary in English] D. A. Kaz'min. Vop. psikhol. 5 no. 6: 110-118 N-D '59.

Some peculiarities in the comprehension of pictures presented for interpretation by pupils of the first and second grades in mass and remedial schools [in Ukrainian with summary in Russian]. N. M. Stadnenko. Nauk. zap. Nauk.-dosl. inst. psykhol. 9:47-76 '58.

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Study of the process of compression of dispersed media. N. I. Isaev. Trudy LTIKhP 15:109-123 '59.

COMPRESSORS

Braverman, M.V. [Technology of the manufacture of centrifugal compressors] Tekhnologiia proizvodstva tsentrobezhnykh kompressornykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 240 p.

Calculation of the performance, in a theoretical cycle, of a piston compressor during the compression of real gases. M. I. Frenkel'. Trudy LTIKhP 15:51-63 '59.

The DK-40Zh expander-compressor and the DVD-9 high-pressure expander. V. I. Dmitriev. Biul. tekh.-ekon. inform. no. 12:29-33 '59.

Efficient design of oil feed for vertical compressors. M. Mikhailov. Khol. tekh. 36 no. 6:48 N-D '59.

Elimination of defects resulting from the assemblage of compressors. V. Kutanin, I. Chesniak. Khol. tekh. 36 no. 6:47-48 N-D '59.

Hydraulic compressor with a maximum pressure of 10,000 atmospheres. L. F. Vereshchagin, V. E. Ivanov. Prib. i tekh. eksp. no. 6:109-110 N-D '59.

In the Main Administration of Urban Gas Supply of the U.S.S.R. Stroi. truboprov. 4 no. 9:20 S '59.

Membrane packing gland with a graphitic sealing. M. IAgmennik. Khol. tekh. 36 no. 6:49 N-D '59.

Normalizing compressor performance in high mountain mines. O. P. Gerasimenko, D. F. Puzoshchalov. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6:17-25 '59

Small Freon refrigeration compressors with built-in electric motors. V. B. IAkobson. Standartizatsiia 23 no. 11:34-38 N '59.

Use of an ammonia ejector as a booster compressor [with summary in English]. I. Sysuev. Khol. tekh. 36 no. 6: 20-21 N-D '59

Use of rotating booster compressors. N. Kraimer. Khol. tekh. 36 no. 6:54-55 N-D '59.

COMPRESSORS—TECHNOLOGICAL INNOVATIONS

Boss of the compressor plant. M. Ivanov. Izobr. i rats. no. 1:27 Ja '60.

COMPULSORY EDUCATION see Education, Compulsory

CONCEPTION—PREVENTION

Clinical evaluation of the Bafka and "KR" diaphragms. M. P. Kulik, R. P. Tel'nova. Akush. i gin. 35 no. 6:30-31 N-D '59.

Contraceptive properties of certain polyphenols. R. P. Tel'nova. Akush. i gin. 35 no. 6:11-13 N-D '59.

Data on pharmacological and pathomorphological investigations of gramicidin paste in rabbits and white rats. A. I. Tuzeeva, N. G. Shakhnazarova. Akush. i gin. 35 no. 6:18-19 N-D '59.

Effectiveness of contraceptives on a polyethylene oxide base. M. I. Grebeniuk. Akush. i gin. 35 no. 6:22-23 N-D '59.

Form of gramicidin for contraceptive use. A. M. Porharskaia. Akush. i gin. 35 no. 6:17-18 N-D '59.

Gramicidin paste, a new contraceptive. G. N. Pershin, S. N. Milovanova. Akush. i gin. 35 no. 6:15-17 N-D '59.

Microflora of the vagina and cervix uteri in women using gramicidin locally as a contraceptive agent. L. IA. Gorpinenko. Akush. i gin. 35 no. 6:13-17 N-D '59.

Nicotinic acid as a spermatocidal component of a chemical contraceptive. O. I. Genin. Akush. i gin. 35 no. 6:28-30 N-D '59.

Organizational aspects of the problem of contraception. L. G. Stepanov. Akush. i gin. 35 no. 6:8-11 N-D '59.

Polyethylene oxide as a base for contraceptives. M. Kh. Gluzman, B. I. Dashevskaia, V. M. Rodina. Akush. i gin. 35 no. 6:23 N-D '59.

Problem of contraception and methods for its further development. E. I. Shumrat. Akush. i gin. 35 no. 6:8-10 N-D '59.

Problem of contraception and the organization of abortion control in the U.S.S.R. O. K. Nikonchik. Akush. i gin. 35 no. 6:3-8 N-D '59.

Some pharmacological characteristics of a ketone of palmitic acid. T. I. Lygina. Akush. i gin. 35 no. 6:23-25 N-D '59.

Use of gramicidin paste as a contraceptive. N. IA. Chuakova-Fedotova, E. D. Selezneva. Akush. i gin. 35 no. 6:19-20 N-D '59.

CONCERTS

(see also subdivision under Leningrad; Moscow; United States)

Concerts in cities. Sov. muz. 24 no. 1:138-148 Ja '60.

CONCRETE

Additives increasing the strength and speeding up the production of concrete. G. Faingol'd. Stroi. i arkhit. 7 no. 12:37 D '59.

Calculating the uplift pressure on concrete dams taking into account permeability of concrete. S. F. Savinov. Gidr. stroi. 29 no. 4:10-13 Ap '59

Changing the strength of concrete used for hydraulic structures according to axial tension and compression with respect to its age. TS. G. Ginzburg, R. E. Litvinova. Gidr. stroi. 28 no. 2:30-33 F '59.

Conference on the artificial cooling of concrete. B. K. Frolov. Gidr. stroi. 29 no. 4:59-61 Ap '59.

Conference on using fine sands in making concrete. V. I. Ilashkin. Gidr. stroi. 29 no. 12:58-59 D '59

Devices for determining the time of mixing and the consistency of concrete mixes. I. I. Tokarev. Gidr. stroi. 29 no. 12:45-46 D '59.

Ginzburg, TS. G., and A. M. Chistiakov. [Designing wear resisting anti-cavitation concretes] Proektirovanie iznosoustoichivogo protivokavitatsionnogo betona. Moskva, Gos. energ. izd-vo, 1959. 34 p. (Tekhnicheskaia informatsiia)

Methods for making high-strength mortars and concretes to be used in producing prestressed vibrated panels. S. A. Mironova, V. N. Ilasov, L. A. Malinina. Bet. i zhel.-bet. no. 12:555-560 D '59.

Methods of concrete mix design. A. N. Litvin. Standartizatsiia 23 no. 11:32-35 N '59.

Using sawdust concrete. I. Morokhotov. Sel'. stroi. 14 no. 12:15 D '59.

Using simple methods in making mortars and concretes. B. D. Fedoseev. Biul. tekh. inform. po stroi. 5 no. 11: 31-32 N '59.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—CORROSION

Resonance method of investigating the resistance of concrete in corrosive media. V. V. Stol'nikov. Zhur. prikl. khim. 31 no. 4:559-566 Ap '58.

Soil testing and concrete protection against corrosion as examined in foreign publications, an abstract. V. N. Gorinskii. Rech. transp. 18 no. 12:54 D '59.

CONCRETE—CURING

Effect of various curing methods on the change of temperature in the surface layers of concrete. A. V. Mikhailov. Avt. dor. 22 no. 12:10-11 D '59.

CONCRETE—TESTING

New device for testing the quality of concrete in reinforced concrete structures and precast construction elements. G. B. Skramtaev, S. N. Novoyni. Bet. i zhel.-bet. no. 12: 568-572 D '59

Non destructive method for testing concrete. Biul. tekh. inform. po stroi. 5 no. 12:29 '59.

Rapid method for determining water-resisting properties of concrete structures. A. N. Litvin. Gidr. stroi. 28 no. 2:53-54 F '59.

CONCRETE—TRANSPORTATION

More about trucks for transporting concrete. IU.M. Slesarev. Prom.stroi. 37 no.12,52 D '59.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE BLOCKS

Designing wall profiles based on the standardized assortment of large blocks. I.M.Shchepetova. Nov.v stroi. tekh no 13·189-200 '59.

Making large concrete blocks in open yards under winter conditions Sel'.stroi. 14 no.12 27 D '59

CONCRETE BLOCKS—TESTING

Testing mechanical properties of porous concrete blocks. N I Levin Trudy NIIZHB no 8·45-59 '59.

CONCRETE COATING

Thermal stresses in concrete pavements being cured under protective films. D.F. Mirkin. Avt.dor. 22 no.12.11-13 D '59.

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION

"Jump" of the bucket used in concreting structures. IA.A. Vilenkin Gidr.stroi 29 no 12:10-13 D '59

Progressive forms of work organization used in constructing electric power stations. V.Goloviznin, S.Viner. Ekon.stroi. no.12 48-56 D '59.

Reinforced concrete tanks in oil fields. V.I.Titkov. Neftianik 3 no.8 18 Ag '58.

Using vibration tubes in hydraulic engineering. V.M. Medvedev, IU.M.Slesarev, A.S.Abakumova. Gidr. stroi. 28 no.2 51-52 F '59.

CONCRETE CONSTRUCTION—FORMWORK

Reusable casings and supporting scaffolding for monolithic reinforced concrete construction elements. Biul.tekh. inform.po stroi. 5 no 12 27-29 '59

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING

Cellular hydraulic structures built of tubular reinforced concrete piles. V.Kh.Gol'tsman. Gidr.stroi. 28 no.4 7-13 Ap '59.

CONCRETE PLANTS

Level indicators to be used in automating concrete plants. M.N Gorbovets. Bet i zhel.-bet. no.12.548-550 D '59

Technological principles of planning porous concrete plants M.IA.Krivitskii Trudy NIIZHB no 8;20-26 '59.

CONCRETE PRODUCTS

[illegible] face treating and grooving of porous con- [illegible] blocks. S.S Levin Trudy NIIZHB

[illegible] actices in manufacturing [illegible] V.I.Ivanov. Trudy NIIZHB

[illegible] ofing, Concrete

[illegible] formations in foamed concrete panels and methods for their elimination M.V.Levin Trudy NIIZHB no.8;151-157 '59.

Covering sheet piles with large reinforced concrete slabs. A.IA Inlakin. Gidr.stroi. 28 no.4·46 Ap '59.

Exterior panel wall without horizontal seams. A.Gokhbaum. Arkhit.i stroi.Mosk. 8 no.12;21-23 D '59.

Interaction of slabs and columns in girderless ceilings. S.A.Istomin Stroi.mekh i rasch.soor. 1 no 6·33-38 '59

Large prestressed slabs for roofs of industrial buildings. A.A.Svetov, V.G.Kramar', Prom.stroi. 37 no.12; 33-37 D '59.

Leningrad. Proektnyi institut "Lenproekt." [Temporary technical specifications for large reinforced concrete hollow ceiling panels (TU 9/58). Temporary instruction on using large reinforced concrete hollow panels for precast ceilings (I9/58)] Vremennye tekhnicheskie usloviia na krupnorazmernye zhelezobetonnye pustotelye paneli dlia perekrytii (TU 9/58). Vremennaia instruktsiia po primeneniiu krupnorazmernykh zhelezobetonnykh pustotelykh panelei dlia sbornykh perekrytii (I 9/58). Leningrad, Proektnyi kabinet In-ta "Lenproekt," 1958. 25 p.

Nature of deformations in reinforced concrete roofing slabs of various shops of metallurgical plants. V.I. Sidenko. Prom.stroi. 37 no.12:44-46 D '59.

New plants producing large building panels cast in vertical molds V.A.Girskii, E.P.Velichko. Bet.i zhel.-bet. no.12·534-538 D '59.

Shortcomings of large slabs to be used in roofing industrial buildings. A.I.Beliakov, V.I.Semenov. Prom. stroi. 37 no.12.43-41 D '59.

CONCRETE SLABS—TESTING

Testing bearing capacity of eccentrically compressed reinforced concrete wall panels. A.IA.TSiotov. Nov. v stroi.tekh. no.13 116-135 '59.

Testing multiribbed ceiling panels with inserts. L.N. Radchenko. Nov.v stroi.tekh. no 13:97-115 '59.

CONCRETIONS see subdivision under Kama Valley

CONCUSSION OF THE BRAIN see Brain—Concussion

CONDENSATION

Graphic method for determining the degree of sublimation condensation [with summary in English]. IA. Tsiborovskii Inzh.-fiz zhur no 12:50-56 D '59.

CONDENSATION PRODUCTS (CHEMISTRY)

Phosphorus-containing polyester and polyamide resins. K.A.Petrov, V.A.Parshina. Zhur.ob.khim. 30 no.4. 1342-1346 Ap '60.

Polycondensation reactions in the solid phase. Report No.1· Polycondensation of aliphatic ω-amino acids and diamine salts of carboxylic acids in a solid phase. A.V. Volokhina, G.I.Kudriavtsev. Khim.volok. no.5.13-18 '59.

CONDENSERS (ELECTRICITY) see Electric capacitors

CONDITIONED RESPONSE

Conditioned motor food reflexes to chains of stimuli in birds Report No 2· Differentiation of three-membered chains of stimuli by birds [with summary in English] N.P.Ovchinnikova Vest.LGU 15 no 9 101-109 '60

Conditioned photochemical reflex and sensation [with summary in English]. G N.Il'ina Vop psikhol 5 no.6 102-109 N-D '59.

Effect of iprazid on the conditioned reflex activity of dogs [with summary in French]. A.P.Savinskaia. Zhur. nerv. i psikh. 59 no.12;1462-1469 '59.

Features of positional stimuli in a conditioned defense motor reflex. M.F.Koriakin. Fiziol.zhur.SSSR 45 no.7 801-810 Jl '59.

How heat application to the sacrum of cows and the injection of pituitrin affect the conditioned-reflex butterfat increase in milk. S.IU.IAroslav and others. Dop.UASHN 2 no.6·38-41 N-D '59.

CONDUCT, DISORDERLY see Disorderly conduct

CONDUCT OF LIFE

Khmara, V.V. [Cheloveku nado verit'. Moskva, Gos. izd-vo polit.lit-ry, 1960. 30 p.

Problem of the "behavior pattern" and the nervous system type [with summary in English]. P.P.Raspopov Vop psikhol 5 no 6;62-72 N-D '59.

CONDUCTING

Pazovskii, A.M. [The conductor and the singer] Dirizher i pevets. Moskva, Gos.muzykal'noe izd-vo, 1959. 166 p.

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONDUCTOMETRIC ANALYSIS

Conductometric determination of seneciphylline and platyphylline. V F.Degtiarev. Med.prom. 13 no.12:35-40 D '59

Differentiated conductometric titration of a mixture of methylchlorosilanes in nonaqueous solutions. A.P. Kreshkov, V.A.Drozdov. Dokl.AN SSSR 131 no.6; 1345-1348 Ap '60.

CONDUCTORS, ELECTRIC see Electric conductors

CONFECTIONERY

(see also subdivision under Kiev, Moscow)

Investigating the phenomenon of the sticking of confectionary masses to various surfaces. L.S.Kuznetsova, A.L. Sokolovskii. Izv.vys ucheb zav.; pishch.tekh. no.6; 126-129 '59.

CONFISCATIONS

Seizure of property in our judicial practice. D.Gavrilov. Sov.iust. no.12;46-48 D '59.

CONFLICT OF LAWS

Boguslavskii, M.M. [Basic problems of patent practice in private international law] Osnovnye voprosy izobretatel'stva v mezhdunarodnom chastnom prave. Moskva, Izd-vo Akad.nauk SSSR, 1960. 283 p.

CONFORMAL MAPPING

Mappings of compacts in Euclidean spaces. V.G.Boltianskii. Izv.AN SSSR.Ser.mat. 23 no.6·871-892 N-D '59.

CONGLOMERATE see subdivision under Carpathian Mountains

CONGRUENCES (GEOMETRY)

Conjugated nets with parabolic congruences of axes. V V. Gol'dberg Dokl.AN SSSR 132 no 1 24-27 My '60.

Theory of analytic congruences of planes in complex and double unitary non-Euclidean spaces and the projective theory of congruences of pairs of planes R M.Gel'dman Mat sbor. 49 no.3:281-316 N '59.

Theory of congruences of biaxial space. R.G Bukharev. Izv vys ucheb zav. mat no.5:67-79 '59

CONIFERAE

Reduce the procurement costs of conifer seeds. G.I. Rumiantsev. Les.khoz 12 no 12·69 D '59.

CONIFERAE—BY-PRODUCTS

Full utilization and processing of conifer needles. I.A. Mednikov. Trudy LTA no.87·49-54 '59.

CONIFERAE—DISEASES AND PESTS

Bark beetles on the second growth of conifers in cutover areas of Karelia. E V Titova. Trudy Kar.fil.AN SSSR no 16;110-126 '59

How the paper industry utilizes softwood damaged by larch spinner D S.Dobrovol'skii. Izv vys ucheb zav.;les.zhur 2 no 6 147-150 '59.

CONIFERAE, FOSSIL see subdivision under Tuksa Valley

CONJUNCTIVA—TUBERCULOSIS

Case of conjunctival tuberculosis. G.A.Pankovets. Oft zhur 14 no 6:373-374 '59.

CONJUNCTIVITIS, GRANULAR see subdivision under Tashauz Province

CONSCIOUSNESS

Megrabian, A.A. [Nature of individual consciousness in normal and pathological states] O prirode individual'nogo soznaniia; v norme i patologii. Erevan, Armgos izdat, 1959. 246 p.

CONSTITUTIONAL LAW

Responsibility of deputies to our people. [illegible] Sov.deput.trud. no.12:23-27 D '59.

CONSTRUCTION INDUSTRY

(see also subdivision under Bendery; Kazakhstan, Leningrad; Moldavia; Moscow Province, Pavlodar, Ukraine; Voronezh Province, Vyatskiye Polyany)

Editorial. Zhil.stroi. no.12:1 '59.

Effect of geographical conditions on the organization of the construction industry and its supply bases. A.S. Vaintsvaig. Prom.stroi. 37 no.12:13-15 D '59

Enforce the code requirements and inspection I.[illegible]kin. Pozh.delo 5 no 11:2-3 N '59.

Improve the system of material incentives in the construction industry. S.Korentsvet. Sots.trud 4 no.7: 128-129 Jl '59.

In the Office of State Construction of the U.S.S.R. [illegible] stroi. no.12·66 D '59.

Industrialization of construction and problems in improving the quality of building and assembling operations K.Ovsiannikov. Arkhit.i stroi.Mosk. 8 no.12;14 [illegible] D '59.

Let's constantly improve the quality of construction. [illegible] Fedortsov. Biul.tekh.inform.po stroi. 5 no.12 [illegible] '59.

Major construction work in the seven-year plan. I.[illegible]rets'kyi, Nauka i zhyttia 9 no.12;5-8 D '59.

Merits and shortcomings. A.Mikhailov. Pozh.delo 5 no 11:4 N '59

On the struggle against waste in construction. G.Zverev[illegible] Bukhg.uchet 18 no.11:8-12 N '59.

Plan for construction in 1960, the second year of the seven-year plan. Ekon.stroi. no.12;3-8 D '59.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Kiev; Omsk Province)

It is time to have standard regulations on brigades operating under economic accounting. A.Aleiukovskii, I.Portianskii. Ekon.stroi. no.12·41-42 D '59.

Settling accounts for construction work (review of received materials). Ekon.stroi. no.12;33-41 D '59.

Using biannual payroll sheets in payment of wages. A.Il'in. Bukhg.uchet 18 no.11:25-28 N '59.

CONSTRUCTION INDUSTRY—COSTS

(see also subdivision under Kazakhstan; Moscow)

Temporary (unlisted) equipment and structures built for the construction industry, the cost of which is counted as overhead. Ekon.stroi. no.12·62-64 D '59.

We can lower production costs of reinforced concrete products. A.Barskov. Ekon.stroi. no.12;73-75 D '59.

CONSTRUCTION INDUSTRY—FINANCE

Some problems in financing capital investments. N.TSiskalova. Ekon.stroi. no.12;72-73 D '59.

CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS see subdivision under Pskov

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

The mixed brigade is the leading form of labor organization in construction N Frumkina Sots trud 4 no 1 77-81 N '59.

CONSTRUCTION INDUSTRY—MANAGEMENT
Improving management of the construction industry [with summary in English, p. 83]. I. A. Kaspin, I. S. Pal'mo, M. M. ISalyk. Visnyk AHA URSR no.4 57-62 '59.

CONSTRUCTION INDUSTRY—QUALITY CONTROL
The most important objective of the national economy is to improve the quality of construction. I.A.Slepov, V.A.Alekseev. Ekon.stroi. no.12:20-26 D '59.

CONSTRUCTION MACHINERY see Building machinery

CONSUMER CREDIT see subdivision under Minsk

CONSUMPTION (ECONOMICS)
How we can determine the Soviet workers' level of consumption. E. Vasil'eva. Otv. na vop. trud. no.92:21-30 '59.
Utilization of public funds in social consumption. I. Pl-antev. Sots trud 4 no 11 57 67 N '59

CONTACT DERMATITIS
Clinical aspects of occupational complications caused by aminazine [with summary in French]. E.V.Donent'eva. Zhur.nerv.i psikh. 59 no.12:1499-1500 '59.

CONTACTORS, ELECTRIC see Electric contactors

CONTAINERS
(see also subdivision under United States)
Cargo transportation in floating containers. T. A. Pinin. Rech.transp. 18 no.11:52-53 N '59.

CONTRACEPTION see Birth control

CONTRACTS
Any reduction of liability for the violation of contracts is inadmissible. V. Efimochkin. Sots.zakon. 36 no 12: 37-42 D '59.
"Legal problems relating to the strict execution of contracts in the U.S.S.R." by V.K.Raikher. Reviewed by O.N.Sadikov, V M. Denisikov. Izv vys.ucheb.zav.; prav. 4 no 4:151-156 '59

CONTRACTS, MARITIME
Role of contracts in the transportation of freight on Soviet seagoing vessels. A. L. Makovskii. Izv.vys.ucheb.zav.; prav. 4 no.1:82-96 '59

CONTRACTURE
Severe flexor-adductor dermatodesmogenous contracture of both hip joints [with English summary in appendix]. M.L.Shulio. Ortop., travm.i protez. 20 no.11:76-78 N '59.

CONTRAST MEDIA
Use of tetiodotrast for angiography in obliterating endarteritis of the lower extremities [with summary in English]. M. P. Vilianskii. Vest.khir. 83 no.11: 52-53 N '59.

CONTROLLERS, ELECTRIC see Electric controllers

CONVERTERS
Answering the opponents of my article "Some special characteristics of modern converting and the efficient technology to be used in Ural copper smelting plants during the current seven-year period." L.M.Gazarian. TSvet.met. 32 no.12:30 34 D '59

CONVERTERS, ELECTRIC see Electric current converters

CONVEYING MACHINERY
(see also subdivision under Great Britain)
The D-462-type bucket loader. N. S. Svichar, M.IA. Lutset Biul.tekh.-ekon.inform. no.11:72-74 '59.
KMS1 and KMS2 conveying units for small output assembly lines. B. A. Kutner, S. K. Starobinova. Shveln.prom. no.6:4-7 N-D '59.
New chain conveyer. N.N. Ponykanov. Mekh.i avtom. proizv. 13 no.12:55-56 D '59.
Standardization of conveying and turning devices in automatic production lines composed of machine-tool units. P.M.Polivanov, Zh.E.Tartakovskii, F.A.Osmolovskii. Standartizatsiia 23 no.11:8-14 N '59.
Worm conveyer on rails. A.M. Shabalin. Izv. vys. ucheb. zav.; gor. zhur. no 3:105-110 '59

CONVEYING MACHINERY—ELECTRIC DRIVING
Estimating the electric drive power of a scraper conveyer. A F.Trop, B.F.Toryshev. Izv. vys ucheb.zav., gor. zhur. no 6 76-79 '59.
Induction emergency switch for conveyer scrapers. S. I. Goluzin. Sbor.nauch.rab.stud, IGI no. 2:154-159 '57.

CONVEYING MACHINERY—MODELS
Making conveyer-scraper chain link models of epoxy resins. K. I. Bakhurin, V. S. Kovtun. Izv. vys. ucheb. zav.;gor. zhur no. 3:84-87 '59.

CONVEYING MACHINERY—TESTING
Method for experimentally determining the magnitude of active stresses in conveyor chains D. I. Damaskin and others. Izv vys ucheb zav., tekh leg.prom no. 6: 146-151 '59.

CONVULSIONS
Variations in the electrogram of the cerebral cortex in white rats during epileptiform seizures complicated by experimental motor neuroses. V. M. Vasil'eva. Nauch. dokl. vys. shkoly, biol. nauki no.2:69-72 '60

COOKERY
(see also subdivision under Czechoslovakia)
Advice to the cook. IA. Maridov. Obshchestv.pit. no. 10, 36-37 O '59.
Advice to the cook. V. Shibaev. Obshchestv.pit. no. 12: 13 16 D '59.
Cooking. I. Nikol'skaia. Sem'ia i shkola 13 no.3:12-14 Mr '60.
Fedorova, N. V., ed. [Housekeeping and culinary art] Domovodstvo. Kulinariia; 350 poleznykh sovetov. [Tula] Tul'skoe knizhnoe izd vo, 1959. 278 p.
For the housewife. Obshchestv. pit. no. 10:52-51 O '59.
For the housewife. P. Grigor'ev. Obshchestv.pit. no.12: 55-58 D '59.
From a book on good diet. Obshchestv.pit. no.12:50-51 D '59.
From the cook's notebook. K. Kopustin. Obshchestv.pit. no.10:19 O '59.
From the cook's notebook. K. Kopustin. Obshchestv.pit. no.12 19 D '59.
How to preserve vitamin C in foodstuffs. S Davydov. Sov potreb koop 4 no 1 40 '60
Readers' letters. Obshchestv.pit. no.10:45-47 O '59.
Russia (1923- U.S.S.R.) Ministerstvo torgovli. [Manual on technological advice and technical specifications for semiprocessed products and dishes of meat, poultry, fish, potatoes, and vegetables] Sbornik tekhnologicheskikh instruktsii i tekhnicheskikh uslovii na polufabrikaty i kulinarnye izdeliia iz miasa, pititsy, ryby, kartofelia i ovoshchei. Moskva, Gos.izd-vo torg.lit-ry, 1958. 101 p.
Russian dishes. I. Neruchinov. Obshchestv.pit. no. 12: 21 D '59.

COOKERY (VEGETABLES)
Moisture transfer in the thermal processing of vegetables. N. Kovalev. Obshchestv.pit. no 12 20 22 D '59.

COOKERY, ARMENIAN
Armenian S.S.R. Ministerstvo torgovli. [Armenian culinary art] Armianskaia kulinariia. Glav.red. A.S. Piruzian. Moskva, Gostorgizdat, 1960. 203 p.

COOKERY, KAZAKH
Chasdayi, P. M. [National dishes of Kazakhstan] Natsional'nye bliuda Kazakhstana. Izd.3., perer.i dop. Alma-Ata, Kazakhskoe gos.izd-vo, 1959. 69 p.

COOKERY, LITHUANIAN
"Our national taste dishes" by I. Drinuteve and others. Obshchestv.pit. no.12 30 D '59.

COOKERY, RUMANIAN
Rumanian grilled meat. Obshchestv.pit. no.10:58 59 O '59.

COOKERS
Suggestions of efficiency promoters. A. Shlichene. Obshchestv.pit no.12:37 D '59.

COOKING SCHOOLS see subdivision under Kharkov, Pskov

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Balanda District, Kirov Province; Koryak District; Krasnodar Territory; Mogilev-Podol'skiy District, Simferopol District; Tatar A.S.S.R., Ul'yanovsk District; White Russia)
Catholic Cooperation Center. IA. Andreev. Sov. potreb. koop 4 no 1:36 37 '60.
[Collection of resolutions of congresses of representatives of consumers' cooperative societies of the U.S.S.R., meetings of the council and the administrative board of the Central Union for the Maintenance of Cooperative Property] Sbornik postanovlenii s"ezdov upolnomochennykh potrebitel'skoi kooperatsii SSSR, sobranii Soveta i pravleniia TSentrosoiuza o sokhrannosti kooperativnoi sobstvennosti. Moskva, Izd-vo TSentrosoiuza, 1959. 203 p.
Cooperative societies of the Union Republics. Prom.koop. 13 no.12:30-31 D '59.
Editor's mail. Sov.potreb koop. 4 no.1:26-27 '60.
For high labor productivity! Prom.koop. 13 no.12 1-3 D '59.
For peace and friendship among peoples! Sov.potreb koop. 4 no 1 1 4 '60.
Membership books of a new type. Prom.koop. 13 no.12 33 D '59.
Problems that worry instructors. V. Perekhval'skii. Sov potreb koop. 4 no 1 31-32 '60.
Questions and answers. Sov. potreb koop 4 no.1:44 '60.
Toward new great deeds. M Mukke. Sov. potreb.koop 4 no.1:8-10 '60.
Urgent problems of Russian cooperationists. P. Evglevskii. Sov. potreb. koop. 4 no 1 21 24 '60

COOPERATIVE SOCIETIES—ACCOUNTING
How to read the balance sheet of a cooperative society. G. Dundukov. Sov potreb.koop 4 no.1:10 11 '60

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION
(see also subdivision under Crimea)
Markolov, N. V., E. D. Romantsov, and P. K. Semenov. [Fundamentals of auditing the managerial operations of cooperative society organizations] Osnovy revizii khoziaistvennoi deiatel'nosti organizatsii potrebitel'skoi kooperatsii. Izd.2., ispr.i dop. Moskva, Izd-vo TSentrosoiuza, 1960. 207 p.

COOPERATIVE SOCIETIES—CONGRESSES
Let's strengthen the ties of our friendship. K. Frolov, M. Petrukhin. Prom.koop. 13 no.12:16 17 D '59.
Meeting of the executive committee of the International Cooperative Alliance. I Rovan. Sov. potreb koop 4 no 1 37-40 '60

COOPERATIVE SOCIETIES—FINANCE
Bogachevskii, M. B., and others. [Financing and crediting of the consumers' cooperative societies of the U.S.S.R.] Finansirovanie i kreditovanie potrebitel'skoi kooperatsii SSSR; uchebnik dlia vuzov. Moskva, Izd vo TSentrosoiuza, 1959. 465 p.

COOPERATIVE SOCIETIES—LAW
Gilkin, IA. S., and A. M. Prylkov. [Textbook on legal questions concerning the system of consumers' cooperative societies] Posobie po pravovym voprosam dlia sistemy potrebitel'skoi kooperatsii. Izd. 2., ispr.i dop. Moskva, Izd vo TSentrosoiuza, 1960. 207 p.

COOPERATIVE SOCIETIES—STATISTICS
Tenenbaum, M.V. [Statistics of Soviet consumers' cooperative societies] Statistika sovetskoi potrebitel'skoi kooperatsii. Izd. 3., ispr.i dop. Pod red. N.N. Riauzova Moskva, Izd vo TSentrosoiuza, 1959. 300 p.

COOPERATIVE SOCIETIES—TEXTBOOKS
Blank, G. IA. [Planning managerial operations of the union of cooperative societies] Planirovanie khoziaistvennoi deiatel'nosti potrebsoiuzov. Moskva, Izd vo TSentrosoiuza, 1959. 371 p.

COPENHAGEN—REFRIGERATION AND REFRIGERATING MACHINERY. CONGRESSES
Tenth International Congress on Refrigeration. Khol tekh 36 no 6 1 5 N D '59.

COPEPODA
(see also subdivision under Black Sea)
Bacterial filaments from the hydrogen sulfide zone as possible food for filtering copepods organisms of the Black Sea, exemplified in Calanus helgolandicus. M.N.Lebedeva. Trudy SBS 11:39 42 '59.
Effect of the density of the population on the development of its components and the mortality rate in Cyclops (Copepoda, Cyclopidae) [with summary in English] A. I. Zelikman, A. K. Geiderikh. Biul MOIP. Otd biol 64 no.3:135 140 Jl-Ag '59.

COPPER
Determining electron and hole capture cross sections relations in atoms of copper and germanium. K. Konstantinesku. Fiz tver.tela 1 no.11:1700 1708 N '59.
Equivalent effect of temperature and velocity of deformation on copper and nickel flow curves. V. I. Zabluvaiev, Izv.vys.ucheb.zav.; fiz no.5:161-171 '59.
Industrial testing of copper removal from lead slags during the fuming process. A. V. Novoselov, E. A. Streltsov. TSvet.met. 32 no.12 16 17 D '59.

COPPER—ANALYSIS
New quantitative method of determining small amounts of copper by the iodate tachometric method. I. I. Bagirzade. Trudy Inst. khim. AN Azerb.SSR 17:81 87 '59.

COPPER—ELECTROMETALLURGY
Cathode copper remelting. B. V. Parfenovich. TSvet.met. 32 no.12:78 79 D '59.
Effect of stirring on the purity of copper sulfate crystals obtained. E. M. Matusevich. TSvet.met. 32 no.11:47 42 N '59.
Investigating the causes of the diffusion activity in deformed crystalline solids. Part 2: Sintering of electrolytically prepared metals according to data resulting from experiments on models. IA. E. Geguzin, N. N. Ovcharenko Fiz.met.i metalloved. 8 no.5:714-720 N '59.
Kinetics of the process of deposition of copper by the diaphragm method of internal electrolysis. A. K. Zhdanov, V. A. Khadeev, F. Mirzabekov. Zhur.prikl.khim. 31 no.4:640-643 Ap '58.

COPPER—METALLURGY
(see also subdivision under Ural Mountains)
Experimental method of determining the best charge composition for reverberatory copper smelting. Kh. K. Avetisian, R. A. Isakova. Trudy Inst.met. UFAN SSSR no.3 75-78 '59.
P. A. Pazdnikov and B. V. Mal'tsev's article "Dust collection and hydrometallurgical treatment of dusts from copper smelting plants, combined in one apparatus." E. L. Petrakhov. TSvet.met. 32 no.12:79 80 D '59

COPPER – METALLURGY (Continued)

Reduction of copper ferrate with graphite. N. M. Stafeeva and others. Fiz. met. i metalloved. 8 no. 5,740-746 N '59.

Reverberatory smelting with burning of pulverized copper concentrates in oxygen-enriched air. N. P. Diev, V. V. Paduchev, S. A. Vermenichev. Trudy Inst. met. UFAN SSSR no. 3 67-74 '59.

Use of oxygen in bessemerizing copper mattes in industrial converters. N. P. Diev and others. Trudy Inst met. UFAN SSSR no. 3'93-101 '59.

Zinc behavior during the bessemerizing of copper mattes by means of oxygen-enriched air. N. P. Diev, A. I. Okunev. Trudy Inst. met. UFAN SSSR no. 3:51-58 '59.

COPPER—TOXICOLOGY
Mechanism of the action of antifouling paints. M. A. Dolgopol'skaia. and others, Trudy SBS 11:254-261 '59.

COPPER ALLOYS

Use of MTS-4 and MTS-5B alloys for electric resistance welding equipment N. A Kozlov, V G. Krutikhovskii Svar. proizv no. 1 25-27 Ja '60.

COPPER ALLOYS—CORROSION
Cavitation resistance of copper-base alloys. M. G. Timerbulatov, N. F. Bocharnikov. Metalloved. i term. obr. met. no. 1'5-10 Ja '60.

COPPER ALLOYS—METALLOGRAPHY
Reduction of microhardness in copper alloys under the effect of metallographic reagents. A. V. Bobylev. Metalloved. i term. obr. met. no. 1:43-44 Ja '60.

COPPER-BERYLLIUM ALLOYS—ANALYSIS

Determination of beryllium oxide impurities in a copper--beryllium alloy Chou-Hsing, F Sh Muratov, A. V. Novoselova. Zav lab. no. 11:1292-1293 '59.

COPPER-BERYLLIUM ALLOYS—METALLOGRAPHY
Analyzing the kinetics of two-phase decomposition of copper-beryllium alloys by means of the electric resistance method. A. S. Kagan, IA. S. Umanskii. Fiz. met. i metalloved. 8 no. 5,758-760 N '59.

COPPER-CADMIUM-MERCURY ALLOYS

Electrochemical study of copper - cadmium amalgams [with summary in English] A I. Zebreva, E F. Speranskaia, M T. Kozlovskii Zhur. fiz. khim. 33 no 12; Zhur. fiz. khim. 33 no. 12 2715-2720 D '59.

COPPER COMPOUNDS
Double and triple copper d-tartrates arising in acid medium. A. V. Ablov, G. A Popovich. Zhur. neorg. khim. 4 no. 12,2697-2704 D '59.

COPPER INDUSTRY—BY-PRODUCTS
Recovery of noble metals by anion-exchange resins from waste and industrial solutions of electrolytic copper plants. A B Davankov and others *Izv. vys. ucheb. zav.*, tsvet. met. 2 no. 6:134-141 '59.

COPPER MINES AND MINING see subdivision under Dzhezkazgan, Dzhezkazgan District

COPPER ORES
(see also subdivision under Udokan Range, Ural Mountains)

Formation of sulfur dioxide in the process of oxidizing pyritic copper ores at low temperatures. F. N. Pavlov, N. P. Diev. Trudy Inst. met. UFAN SSSR no. 3:5-7 '59.

Some problems in the geochemistry of catagenesis in sedimentary deposits of the "cuprous sandstone" type. A. I. Perel'man. Trudy IGEM no. 28;5-21 '59.

COPPER OXIDE
Changes in the phase composition of the copper oxide catalyst during oxidation of propylene to acrolein. N. I. Popova, V. I. Beliaeva, E. E. Vermel'. Izv. vys. ucheb. zav., khim. i khim. tekh. 2 no 6;926-929 '59.

COPPER OXIDE—SPECTRA
Optical anisotropy of cubic crystals, produced by the phenomenon of spatial dispersion. Quadrupole exciton absorption of light in cuprous oxide. E F. Gross, A. A. [illegible]. Dokl AN SSSR 132 no 1 98-101 My '60.

[illegible] n of alkaline metal xanthogenates with [illegible], Plaksin, N. A. Suvorovskaia, V. V. [illegible] ikl. khim. 32 *no. 8;1876-1878 Ag*

COPPER-ZINC ALLOYS—SPECTRA
Anomalies in the thermal factor of X-ray scattering by Ni-Cr, Cu-Zn, and Ni-V alloys. A. S. Kagan, IA S. Umanskii. Dokl. AN SSSR 132 no. 2,326-328 My '60.

CORAL SEA
Hydrological conditions of the Solomon Sea K T Bogdanov Izv AN SSSR Ser. geog no 2 117-122 Mr-Ap '60

CORALS, FOSSIL see subdivision under Burnak Valley

COREMAKING
Making highly resistant cores with good knockout properties K T Butsel' Izv. vys. ucheb zav , chern met no 4;189 '60
Mechanization of unit and short-run production of cores A I Zorin Lit proizv no 12 15-16 D '59
Shell cores made of a mixture with water glass. V. S *Burov. Lit. proizv. no 12 39* D '59
Use of one-piece core boxes in making high cylindrical cores. R. K. Khamidov. Lit. proizv. no. 12:41 D '59.

COREMAKING—PRODUCTION STANDARDS
Establishing standards for core work in individual production. K. Chiniakov. Sots. trud no. 12;101-103 D '58.

CORMORANTS—PARASITES see Parasites—Cormorants

CORN (MAIZE)
(see also subdivision under Barabakh Lowland; Brest Province; Kazakhstan; Kupyansk District, Ossetia, Ryazan region, Transcaucasia; Ukraine, Voronezh Province, White Russia)
Chemical composition and nutritive value of green corn A P Gorbacheva, A M Razmologova, S S Rubinova, Biul. nauch -tekh inform VIZH no 1 13-19 '57
Effect of auxin on certain aspects of metabolism in sections of corn coleoptiles. V. V. Polevoi, K. Z. Gamburg. Izv. Sib. otd. AN SSSR no 11 95-98 '59
Effect of gamma rays of the radioisotope Co^{60} on certain biochemical and physiological properties of corn grain during storage [with summary in English] A D Chmyr. Ukr biokhim zhur 31 no 5 671-680 '59
Effect of manganese, zinc, copper, and cobalt on the *pigment* content of corn leaves and the anatomic structure of the leaf. I. M. Velychko, N. I. Sokolova. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 213-218 '59.
Effect on yield of supplementary pollination of corn with pollen from another variety, T. P. Blankovs'ka. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 193-196 '59.
Improve the methods of determining the germinability of seed corn. A. M. Riepin, F. H. Kriachko. Kolh. Ukr. 6 no. 12'23-24 D '59.
Kulesh, I. V. [Our experience in the over-all mechanization of corn and flax cultivation] Nash opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy i l'na. Minsk, 1960. 21 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 5)
Lowering the cost of corn ensilage. N. N. Goncharov. Sel'khoz. Povol. 5 no. 11.81-82 N '59.
Mechanical hands cultivate corn hills. Z. Shautsukov. Nauka i pered. op. v sel'khoz. 9 no. 12'24-29 D '59.
Mechanized cultivation of corn ("Manukovskii's practices in corn growing" by Rzhaksenskii, Petrov, and Butkovich. Reviewed by L. Guseva). Sel'. mekh. no. 12;41 '59.
Meiosis and development of the male gametophyte in the "Uspekh" hybrid and the "Dnepropetrovskaya" corn variety. L. N. Kostrikova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2;21-29 '59.
Oil and fat content of corn seeds in various zones of the U. S. S R. A. P. Gorbacheva. Dokl. Akad sel'khoz. 24 no 12;9-12 '59
Recent studies on the physiology of corn ("Physiology of corn" by S. S. Andreenko and F. M. Kuperman. Reviewed by V. Pisarev). *Nauka i pered. op. v sel'khoz.* 9 no. 12:74 D '59.
Some characteristics of bacterial interrelationships in the corn rhizosphere. IA. F. Nizametdinova. *Uzb. biol. zhur.* no. 5'31-40 '59.

Variation of free amino acid concentration in corn leaves and roots under different conditions *of nutrition* [*with* summary in English]. B P. Pleshkov, T. V Shmyreva, Sh Ivanko. Fiziol. rast 6 no. 6;668-678 N-D '59.
Zhivotko, B. I. [Machines and devices for *ensiling corn*] Mashiny i prisposobleniia dlia silosovaniia kukuruzy. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959. 40 p.

CORN (MAIZE)—DISEASES AND PESTS
New insecticides used against corn pests [with summaries in English, German, and French]. N. S. Karavianskii. Vest. sel'khoz. nauki 4 no. 11;137-140 N '59.

CORN (MAIZE)—DRYING
Akivis, S. L., and others. [Drying of seed corn] Sushka semennoi kukuruzy. Pod red. V. N. Dolidovicha. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoziaistva 1959. 109 p.
(DA)

CORN (MAIZE)—HARVESTING
Corn combine developed by H. I. Baid. S. Danylevych. Mekh. sil'. hosp. 11 no. 1;13 Ja '60.

CORN (MAIZE)—VARIETIES
Comparison of Odessa 10 and Golden Empress corn varieties and their hybrids. Z. M. Rokovs'ka. Pratsi Od. un. Zbir. stud. rob. no. 5;(vol. 149) 187-188 '59.

CORNCOBS
How to measure the moisture content of corncobs. Uchet i fin. v kolkh. i sovkhoz. 17 no 2:50-51 F '60

CORNEA
Electroretinogram (ERG) and the cornea-inducing ability of the eye. V. V. Popov. Dokl. AN SSSR 131 no. 5,12 [illegible] 1205 Ap '60.
Retinal photoreceptors as corneal inductors. V. V. [illegible] T'ung Yun-hsh. Dokl. AN SSSR 132 no. 2;181-187 My '60

Some peculiarities of the fat metabolism of the cornea and the crystalline lens [with summary in English]. V G Zaitsevskaia. Oft. zhur. 14 no 8;466-471 '59

CORNEA—DISEASES
Certain trophic changes in the cornea [with summary in English]. V. Khalachev. Vest. oft. 72 no. 4;20-21 Jl-Ag '59.

CORNEA—INNERVATION
Problem of corneal innervation [with summary in English]. V. G. Abramov Oft. zhur. 14 no 6;358 362 '59.

CORNEA—TRANSPLANTATION
Magnetic trephine for the excision of a disk in partial penetrating corneal transplantation [with summary in *English*]. B L *Radzikhovskii* Oft. zhur. 14 no 8 490-498 '59
Partial penetrating corneal transplantation in complicated leukomas [with summary in English] A I Pakhomova Oft. zhur. 14 no. 8:471-477 '59.
Retransplantation of the cornea [with summary in English]. S. P. Petrunia. Oft. zhur. 14 no. 8'477-490 '59.
Technic of incising a corneal transplant from the donor's eye [with summary in English] T U Gorgiladze. Oft. zhur. 14 no 6'362-365 '59.
Transplantation of a cornea frozen and dried in a vacuum apparatus [with summary in English] B. L. Radzikhovskii, A. M. Vodovozov, L. M. Evstiugov Oft zhur 14 no. 8'485-489 '59

CORNEA—ULCERS
Course of suppurative corneal ulcers in rabbits with radiation sickness [with summary in English] V P. Zhokhov Oft. zhur. 14 no. 6;343-347 '59.

CORNEA—WOUNDS AND INJURIES
Experimental and clinical study of the fiber sensitivity of the cornea in penetrating wounds. Sh I Ismail-za' Azerb. med. zhur no. 11.62-66 N '59.
Role of disorders of the immunobiological system in the pathogenesis of burn processes of the cornea [with summary in English] N S. Shul'gina. Oft. zhur. 14 [illegible] 323-327 '59.

CORONARY VESSELS
Mechanisms underlying changes in coronary blood flow accompanying pain stimulation [with summary in English]. A. V. Tonkikh, A. I. Il'ina, S. I. Teplov. Fiziol. zhur. SSSR 45 no. 7:763-760 Jl '59.

CORONARY VESSELS—DISEASES
Blood supply in the region of the sinus node in atherosclerotic cardiosclerosis with auricular fibrillation and in normal rhythm [with summary in English] B. I. Gorokhovskii. Terap. arkh. 31 no 12;72-76 D '59
Normalization of cardiac rhythm under the influence of a novocaine block of the stellate ganglion in experimentally induced acute coronary circulatory disorders. G A Geine. Zdrav. Belor. 5 no. 12'29-32 D '59.
Treatment of insufficiency of coronary circulation by bilateral section of the a. mammaria interna [with summary in English]. B K. Osipov, V L. Manevich L. B. Shimeliovich. Terap. arkh. 31 no. 12;60-63 [illegible]

CORPULENCE
Bookshelf. Zdorov'e 6 no. 1;32 Ja '60.

CORREGGIO, ANTONIO ALLEGRI, 1494-1534
Works by Correggio in the Hermitage collection. T. Fomicheva. Iskusstvo 22 no. 7;65-70 '59.

CORRELATION (STATISTICS)
Pseudonormal correlation and its various generalizations. O. V. Sarmanov. Dokl. AN SSSR 132 no. 2;299-302 My '60.

CORRESPONDENCE SCHOOLS AND COURSES
Attendance-correspondence schools for working youth. I. Z. Ozerskii. Prep. ist. v shkole 14 no. 6;37-40 N-D '59.
Improve the method of instruction in correspondence schools E M Musnitskii Sred spets obr 6 no 12 *16-18 D '59*
Reviewing examination papers of correspondence students M. P. Krasiuk. Sred spets obr. 6 no 12;19-23 D '59

CORRESPONDENCE SCHOOLS AND COURSES (Continued)

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Economics test themes for correspondence institutions of higher learning and correspondence faculties and departments of institutions of higher learning] Tematika kontrol'nykh i kursovykh rabot po politicheskoi ekonomii dlia zaochnykh vysshikh uchebnykh zavedenii, zaochnykh fakul'tetov i otdelenii vuzov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 39 p.

This is accessible to everybody. N.Gukov. Prom.koop. 13 no.12:22-23 D '59.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

All-Union conference on the corrosion of metals and anticorrosion measures. Azerb.neft.khoz. 37 no.6:39 Je '58.

Corrosion of metals in hydrogen sulfide at high temperatures. I.D.Grebeshkova, V.P.Teodorovich. Khim. prom. no.6:533-535 S '59.

Determination of the parameters of cathodic protection. M.S.Trifel', V.I.Shakov. Gaz.prom. 5 no.1:18-21 Ja '60.

Heat exchange for corrosive media. Neftianik 4 no.11:23-24 N '59.

Investigating new methods of anticorrosion protection for standby equipment. D.IA.Kagan, T.A.Kaganer. Teploenergetika 7 no.1:55-58 Ja '60.

Lubricant anticorrosion additive. T.Skiebko. Neftianik 4 no.12:27 D '59.

Oxidizability of steel and cast iron at high temperatures. E.M.Blank. Metalloved. i term. obr. met. no.12:53-54 D '59.

Protecting water pipes from corrosion. P.V.Barnyts'kyi, K.Krokhmal'. Mekh.sil'.hosp. 11 no.1:31 Ja '60.

Resistance of floors to the corrosive action of sugar. A.Domashevskii. Stroi.i arkhit. 7 no.12:14 D '59.

Using calculation methods for estimating the corrosion of condensers in petroleum refineries. A.S.Eigenson. Khim.i tekh.topl.i masel 5 no.1:59-63 Ja '60.

CORROSION-RESISTANT MATERIALS

Tantalum and tantalum-niobium alloys as corrosion-resistant materials for the chlorine industry. A.P. Romanushkina, K.K.Poliakova. Khim.prom. no.6:534-537 S '59.

CORTENAY, JAN IGNACY NIECISLAW BAUDOUIN DE, 1845-1929

The linguistic conceptions of J.Baudouin de Courtenay. A.A.Leont'ev. Vop.iaz. 8 no.6:115-123 N-D '59.

CORTICOTROPIN—SPECTRA

Spectrum analysis of adrenocorticotropic hormone (ACTH). L.V.Vorob'eva, N.O.Prusakova. Trudy LTIKHP 15:87-91 '58.

CORTISONE

(see also subdivision under China)

Allergic dermatitis connected with the use of cortisone [with summary in English]. A.T.Vedmedenko, P.I. Kholodii. Vest.oft. 72 no.4:37-38 Jl-Ag '59.

Steroids. Part 6: Synthesis of cortisone acetate from 3α,17α-pregnanediol-11,20-dione. O.K.Nikiforova, N.N.Suvorov. Zhur.ob.khim. 30 no.4:1237-1241 Ap '60.

The use of cortisone in ophthalmological practice [with summary in English]. A.P.Nesterov. Vest.oft. 72 no.4:34-37 Jl-Ag '59.

COSMETICS

Studying physicochemical properties of cosmetic creams. I.I.Vol'fenzon, E.V.Shevliagina, S.I.Shur. Masl.-zhir. prom. 25 no.12:21-25 '59.

COSMIC PHYSICS

Comparing measured and calculated intensities of iron multiplets [with summary in English]. O.A.Mel'nikov. Izv.GAO 20 no.6:28-41 '58.

Determining electron temperatures of diffuse gaseous nebulae [with summary in English]. V.I.Pronyk. Izv. Krym.astrofiz.obser. 17:14-41 '57.

Determining relative gf values for SiI and SiII [with summary in English]. I.A.Mitrofanova. Izv.GAO 20 no.6:52-54 '58.

Hot regions of helium excitation in the solar photosphere [with summary in English]. V.A.Krat, I.M.Pravdiuk. Izv.GAO 20 no.6:55-60 '58.

In an airless ocean. IU.Galperin. Znan.sila 34 no.11:4-5 N '59.

On the threshold of space ("Laboratories in space" by G.Zhdanov, I.Tindo. Reviewed by S.Vladimirov). Znan.sila 34 no.11:16 N '59.

COSMIC RAYS

Measurement of corpuscular radiation in the upper atmosphere. L.A.Antonova, G.S.Ivanov-Kholodnyi. Izv.AN SSSR.Ser.geofiz. no.5:756-757 My '60.

The three "velocities" of corpuscular streams from chromospheric flares. O.M.Barsukov. Izv.AN SSSR. Ser.geofiz. no.5:743-745 My '60.

COSMIC RAYS—CONGRESSES

International conference on cosmic rays. Vest.AN Kazakh SSR 15 no.11:93-94 N '59.

COSMOGONY

A study by a French scientist ("Origin of the worlds" by Paul Labérenne. Translated from the French. Reviewed by H.Pinskovs'kyi). Nauka i zhyttia 9 no.5:57-58 My '59.

COSMOGRAPHY

The Earth in the cosmos. I.M.Zabelin. Geog.v shkole 22 no.6:15-24 N-D '59.

COSSACKS

Kharlamov, P.K. [The cossacks] Kazaki. Parizh, Izd-vo E.T.Gel'man, 1956. 31 p.

COST AND STANDARD OF LIVING

Capitalism and the workers' standard of living. I.Bagramov, L.Karlov. Kommunist 37 no.6:103-110 My '60.

How we can determine the Soviet workers' level of consumption. P.Vasil'eva. Otv.na vop.trud. no.92:21-30 '58.

Increase of real wages for workers and employees in the U.S.S.R. I.Plotnikov, I.Kapustin, A.Karapetian. Sots.trud no.12:17-23 D '59.

Increasing role of communal funds in the improvement of the Soviet standard of living. S.I.Ignatov. Mosk.prop. 10 no.12:17-34 D '59.

Present-day pauperization of workers in capitalist countries. V.Chembrovskii. Komm.Mold. 4 no.11:32-41 N '59.

COSTS, INDUSTRIAL

(see also subdivision under Ukraine)

The great conveyer. V.Shul'man. Znan.sila 34 no.11:33-35 N '59.

Interdependence of factors and sources for the reduction of production costs. Sh.Turetskii. Nauch.dokl.vys. shkoly; ekon.nauki no.4:41-52 '59.

Kozlov, M.M. [Let's lower production costs] Snizhaem sebestoimost' produktsii. [Moskva] Profizdat, 1958. 32 p.
(III)

COSTUME

(see also subdivision under Rakhov District)

The history of costumes is awaiting publication. M.Anushkin. Iskusstvo 23 no.12:78-80 '59.

COTTAGE CHEESE

The mechanization of cottage cheese making. D.Ishniiazov, L.Simonov. Mol.prom. 20 no.12:32 D '59.

COTTON

Chemical composition of naturally colored cotton fiber. Kh.U.Usmanov, A.M.Chaipova. Uzb.khim.zhur. no.6:28-31 '59.

Citric acid obtained from cotton plant wastes. Biul.tekh.-ekon.inform. no.11:41 N '59.

Effect of aeration on the rate of absorption of water into the cotton plant root system. L.I.Kurgol'tseva. Dokl. AN Uz.SSR no.11:49-51 '59.

Heat of wetting in alcohol of cotton cellulose from variety 108-F at different growing periods. Kh.U.Usmanov, I.Kh.Khakimov. Dokl.AN Uz.SSR no.11:33-34 '59.

Requirements of industry in the quality and variety of cotton fiber. I.Ostroumov. Khlopkovodstvo 9 no.12:28-30 D '59.

COTTON—FERTILIZERS AND MANURES

Applying boron fertilizers to cotton. E.K.Kruglova. Uzb. biol.zhur. no.5:55-61 '59.

Optimum amounts of fertilizers for cotton. P.V.Protasov. [illegible] 4 no.11:25-30 N '59.

COTTON—HARVESTING

Organizing machine harvesting of cotton on the "Khaskar-tag" State Farm. V.Zibrov, V.Kan, S.Mikhailov. Khlopkovodstvo 9 no.12:30-32 D '59.

COTTON—STORAGE see subdivision under Nukus

COTTON—TRANSPORTATION

One of the causes of cotton ignition during transportation. [illegible] Pozh.delo 5 no.11:9 N '59.

COTTON—WATER REQUIREMENTS see subdivision under Golodnaya Steppe

COTTON BREEDING

Measures for improving cotton breeding and seed production in the U.S.S.R. [with summaries in English, German, and French]. A.S.Aleksandrov. Vest. sel'khoz.nauki 4 no.11:34-43 N '59.

COTTON GINS AND GINNING

Rodichev, S.D., ed. [Handbook on the primary processing of cotton] Spravochnik po pervichnoi obrabotke khlopka. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 687 p.

COTTON GROWING

(see also subdivision under Gizhduvan District; Katta-Kurgan District, Shakhrinau District, South Kazakhstan Economic region)

Erroneous opinions of supporters of crop rotation within brigade tended areas. D.Solov'ev. Khlopkovodstvo 9 no.12:10-14 D '59.

Lower limit of soil moisture before irrigating cotton. V.Eremenko. Khlopkovodstvo 9 no.12:53-56 D '59.

Making use of heterosis in cotton growing. K.Vysotskii. Khlopkovodstvo 9 no.12:43-45 D '59.

COTTON GROWING—BIBLIOGRAPHY see Bibliography—Cotton growing

COTTON GROWING—COSTS

Sapil'nikov, N.G. [Economics of cotton growing on collective farms] Ekonomika khlopkovodstva v kolkhozakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 335 p.

COTTON MACHINERY

The MPM-1-type delinting machine. M.S.Chatnyi. Biul. tekh.-ekon.inform. no.11:57-60 '59.

Machinery for cotton growing. V.I.Gorbunov. Biul.tekh. ekon.inform. no.11:61-64 '59.

COTTON MANUFACTURE see subdivision under Tajikistan

COTTON MANUFACTURE—PRODUCTION STANDARDS see subdivision under Moscow Province

COTTON PICKING see subdivision under Uzbekistan

COTTON-PICKING MACHINERY

(see also subdivision under South Kazakhstan Province)

Against the wrong evaluation of the KhV-1,2 cotton harvesting machine. N.I.Popov. Khlopkovodstvo 9 no.12:14-16 D '59.

Opinion of machine operators concerning the new KhV-1,2 cotton harvester. Dzhavat Kuchkov and others. Khlopkovodstvo 9 no.12:16-18 D '59.

Self-vibrating pulsator (agitator) of the flow in a pneumatic cotton-harvesting machine. T.Shamsutdinov. Izv.AN Uz.SSR.Ser.tekh.nauk. no.6:80-85 '59.

Studying the operation of the new vertical-spindle cotton picker. Sh.S.Mazitov, M.K.Rakhmanov. Izv.Otd.est. nauk AN Tadzh.SSR no.2:109-113 '59.

COTTON WILT

Conference on cotton wilt. Khlopkovodstvo 9 no.12:58 D '59.

Transmission of fusarium wilt by seeds. A.Avlamov. Khlopkovodstvo 9 no.12:31 D '59.

COTTONSEED

Glue from cottonseed meal. A.I.Akhundzhanov. Masl.-zhir.prom. 26 no.1:23 Ja '60.

Measures for improving cotton breeding and seed production in the U.S.S.R. [with summaries in English, German, and French]. A.S.Aleksandrov. Vest. sel'khoz.nauki 4 no.11:34-43 N '59.

COTTONSEED MEAL

Cottonseed cake is a valuable feed for animals. I.Kh. Rudyka, A.G.Kramarov, N.S.Danilov. Sel'khoz.Povol. 5 no.11:81-84 N '59.

COTTONSEED OIL

Effect of temperature on the selectivity of the hydrogenation of cottonseed oil. G.D.Minakova. Izv.vys.ucheb. zav.; pishch.tekh. no.6:81-87 '59.

COTTONSEED OIL MILLS see subdivision under Tajikistan

COUMARIN

New conversion in the chromone series. V.A.Zagorevskii, D.A.Zykov. Zhur.ob.khim. 30 no.4:1176-1179 Ap '60.

COUNCILS, ECONOMIC see Economic councils

COUNTING DEVICES

Calculating a binary counter using transistors and loaded on a matrix decoder. V.IA.Ol'shevskii. Trudy TsNII MPS no.173:132-141 '59.

Device which registers the number of times auxiliary buttons have been used. G.F.Zdanovich. Avtom.telem.i sviaz' 3 no.12:33 D '59.

COUPLINGS

Balzhi, M.F., and G.D.Esin. [Joint coupling with flexible dynamic connections and its vibration damping properties] Soedinitel'naia mufta s uprugimi dinamicheskimi sviaziami i ee antivibratsionnye svoistva. Pod red. M.P.Sergeeva. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 49 p. (Obmen peredovym opytom. Konstruktsiia i raschet mashin)

Coupling with flexible dynamic connections and its vibration-damping properties. M.F.Balzhi, G.D.Esin. Vest.mash. 40 no.1:31-36 Ja '60.

Increasing the durability of splined joints. S.A.Rumiantsev. Sbor.st.CIIP no.13:4-11 '59.

Ivanov, E.A. [Couplings of drives] Mufty privodov. Izd.2., perer.i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 410 p.

Joining machine parts with circlips. V.S.Dolgachev. Vest.mash. 40 no.1:16-19 Ja '60.

COYPU

New fur animals, the American mink and nutria, in Kirghizistan. P.S.Tiurin. Trudy Inst.zool.i paraz. AN Kir.SSR no.7:67-78 '59.

COURAGE

Badovan street in Peking V Ukrains'kyi Ukraina no 24 19 D '59

COURTS see subdivision under Great Britain, Hungary, United States, White Russia

COW PARSNIP see subdivision under Leningrad Province

COWS

Carbohydrate metabolism in high-productive cows [with summaries in English, German, and French]. V. M. Koropov. Vest. sel'khoz. nauki 4 no. 11,58-65 N '59

Morphological and biochemical factors of the blood of Ala-Tau cows of varied productivity R. N Ouynets, A F Dokunin, I A Fantalis Trudy Inst zool i paraz AN Kir SSR no 7:9-14 '59

New method of determining barrenness in cows. A. Pogorelov. Nauka i pered op. v sel'khoz. 9 no. 12 63-64 D '59.

Recommendations for using hormonal methods in controlling barrenness of cows M M Zavadovskii Biul nauch -tekh inform VIZH no 1 27-29 '57

COWS—FEEDING AND FEEDS

Effect of age, maintenance and feeding on the mineralization of osseous tissues in cows with various milk production in the forest-steppe zone of the Ukraine. A. IA. Hryhor'ieva. Dop. UASHN 2 no 6 34-37 N-D '59.

Effect of feeding and breed on the carotine and vitamine-A content of milk and butter O D Ezdakova Biul nauch-tekh inform VIZH no 1 48-50 '57

Effect of vitamin-A treated feeds on the reproduction of cows and their milk yields S A Lapshin Biul nauch -tekh inform VIZH no 1 20-22 '57

How feeds rich in easily digestive carbohydrates affect the milk yield of cows G A Bondarenko, O N Kosova Biul nauch -tekh inform VIZH no 1 42-47 '57

COXALGIA see Hip joint—Diseases

CRACKING PROCESS

Change in the flow sheet of catalytic cracking gas fractionating unit. P M. Sorokin. Neftianik 3 no. 9 22 S '58.

Chemical composition of products of the catalytic cracking of the middle fraction of the Baltic Sea region shale tars. Z. T. Zonova Izv AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 151-158 Mr-Ap '60.

Coke formation in a reactor and the recirculation of gas oil Neftianik 3 no. 9 29-30 S '58.

Composition of the products and mechanism of the initiated cracking of gaseous alkanes. E. M. Gamus-Cherniavskaia, S. Sh. Reznikova, A. D. S[illegible]ikhovich. Dokl. AN SSSR 131 no 6:1376-1379 Ap '60

Cracking of "hot" fuel oil. G. V. Koniaev, O. M. Chervonnyi. Neftianik 4 no 11:16-17 N '59

Cracking of sour petroleums. A. A. Proshkin, L. M. Podkovyrova. Neftianik 3 no. 10 14-17 O '58.

Cracking process applies to shale tar and its fractions. N. I Zelenin, S. S. Semenov Trudy VNIIPS no. 4:161-166 '55.

Increasing the production of cracking gasoline in dual-furnace cracking units A. E. Lipkin, L. A. Grigorian. Neftianik 3 no. 8 16-17 Ag '58.

CRANES, DERRICKS, ETC.

(see also subdivision under Czechoslovakia)

Adjustable crane-operator's cabin. M. M. Idrisov. Mekh. stroi. 16 no. 12:23-25 D '59.

Complete mechanization of cargo-handling operations in the merchant marine. M. I. Andrievskii. Rech. transp. 18 no. 12:16-18 D '59.

Construction machinery for off-shore operations Znan. sila 34 no 12 10-11 D '59

Cranes to be installed in window openings. L. Davidson. Stroi. i arkhit 7 no 12:26-27 D '59

Criteria for comparing mobile jib cranes. P. K. Reznikov. Nauch. dokl. vys. shkoly, lesoinzh delo no. 2:97-100 '59.

Design of metal structures for bridges of pit and stripping cranes. D. N. Spitsyna. Vest. mash 40 no. 1:40-45 Ja '60.

Device for erecting long reinforced concrete columns and method for the combined use of two tower cranes M. L *Shmulevich Elek sta* 30 no 12:72-74 D '59

Further development of mechanization in building thermal power plants. V. G. Grebenkin. Mekh. stroi. 16 no. 12: 10-15 D '59.

Hygienic and technological requirements in the construction of tower crane cabins. M M Idrisov *Gig. truda i* prof zab 3 no 6 45-48 N-D '59.

Improve the design of cranes. N. G. Dombrovskii. Mekh. i avtom. proizv. 13 no. 12:38-41 D '59.

The K-106-type crane. A. I. Ratner. Biul. tekh.-ekon. inform. no. 11:50-52 '59.

The KGL-1-type automotive hydraulic crane "Leningradets." N V. Rodenkov. Biul. tekh.-ekon. inform. no. 12:39-40 '59.

Machinery operators in mixed brigades. G. Nechaev. Ekon. stroi. no. 12:46-48 D '59.

Method of determining the rated capacity of gantry cranes. V. P. Shorin. Rech. transp. 18 no. 11,12-15 N '59.

New machines for over-all mechanization and automation of building and assembling operations A. I. Shchepet'ev Mekh. stroi. 16 no. 12 3-10 D '59

Selective braking action in tower-crane mechanisms for the horizontal shifting of loads. M. M. Idrisov. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6:140-150 '59.

Signalization systems in operating load-lifting cranes. F. M. Leiner. Bezop. truda v prom. 4 no. 1 20-23 Ja '60.

Ushakov, N. S. [Electrically driven bridge cranes] Mostovye elektricheskie krany. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 150 p.

Winch for raising and lowering the boom on 3-ton RM3 cranes. G. M Volkov. Rech. transp. 18 no. 11:41-42 N '59.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR

Reconditioning flanges of crane wheels. A. N. Rogozhin. Mashinostroitel' no. 1:17 Ja '60.

CRANES, DERRICKS, ETC.—SAFETY APPLIANCES

Anticreeper devices used in load-lifting units abroad. A G. Lysiakov. Bezop. truda v prom. 3 no. 12:31-33 D '59.

Improving terminal switches for cranes. V. N. Klement'ev. Bezop. truda v prom. 3 no. 12:30 D '59.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Causes of accidents during operations of load-lifting cranes. N. N. Marinichev, P. N. Ushakov. Bezop. truda v prom. 3 no 12:19-20 D '59.

Efficient design of lifting-capacity limiters for cranes. D. S. Asvadurov. Bezop. truda v prom. 4 no. 1 27-30 Ja '60.

CRANIOLOGY see subdivision under Asht; France

CRANKS AND CRANKSHAFTS

Crankshaft turning without dismantling the engine; Dzerzhinskii Ship Repair Yard in Tuapse L Troger. Inform sbor TSNIIMF no 26:74-79 '56.

Designing crankshaft bearings for internal-combustion engines. L. V. Korchemnyi. Avt. prom. no. 12,7-10 D '59.

CRANKS AND CRANKSHAFTS—TESTING

Automobile road on a laboratory table. A. Mitskevich. Znan. sila 34 no. 11 26 N '59

Device for measuring crankshaft hardness with the Rockwell testing machine. P. I. Zemskov, I. D. Pogorelov. Zav. lab. 25 no. 12:1526 '59.

CRAWLER TRACTORS

Determining the average distance for the direct hauling of timber by S-80 tractors Z B Vasil'ev. Izv vys. ucheb zav, les. zhur 2 no. 6 85-93 '59.

Results of operating TDT-60 tractors. S. Luk'ianchikov. Les. prom 37 no 12 15 D '59.

Unbalanced load on the crawler tractor frame and its effect on tractor power indices and stability in performance. V. I. Buromskii. [Nauch. trudy] VIESKH 3:81-92 '58.

CREATIVE ACTIVITIES AND SEAT WORK

(see also subdivision under Archangel; Germany, East)

An artificial Christmas tree. V. Turanov. Sem'ia i shkola 14 no. 12:42-43 D '59.

Rozanov, I. G., and P. A. Zavitaov. [Handwork lessons in the fourth grade] Uroki ruchnogo truda v chetvertom klasse. Pod red. M. N Skatkina. Izd. 3., dop. i perer. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 165 p.

Sample outlines of work training lessons for the second semester in grades 1-4. I. G. Rozanov. Nach. shkola 20 no. 1:90-92 Ja '60.

CREDIT

New developments in issuing credit to organizations operated on a profit basis based on the value of their stocks. T. Chernyshova. Den. i kred. 18 no. 4:69-78 Ap '60.

CREEP OF MATERIALS

Device for testing creep in bending. V. N. Guliaev. Zav. lab no. 11:1386-1387 '59.

Stability criterion in the presence of creep. S. A. Shesterikov. Prikl. mat. i mekh. 23 no. 6:1101-1106 N-D '59.

CREEP OF METALS

Effect of creep at high temperatures on internal friction and eleasticity modulus in metals I. A Oding, M. G Lozinskii, L. K Gordienko. Metalloved i term. obr. met. no 12 24-31 D '59

CRESOL

Effective poison against orchard pests. V. V. Shcherbakov. Kolh. Ukr. 6 no. 12,38 D '59.

Homogeneous destructive hydrogenation of cresols at high hydrogen pressures. M. G. Gonikberg, Li Kuang-nien. Izv. AN SSSR Otd. khim. nauk. no. 3:498-504 '60.

Odorous substances from alkylphenols. Part 1: Synthesis of odorous substances from dimethylphenyl-n-cresol. L. A. Kheifits, G. I. Moldovanskaia, V. N. Belov. Zhur. ob. khim. 30 no. 4:1367-1373 Ap '60

CRETE—HISTORY, ANCIENT

"Slaves in Crete" by K M Kolobova Reviewed by A S Kotsevalov Vest. Inst. po izuch. SSSR no 3 [illegible] S '59

CRIME AND CRIMINALS

Gelovani, A. A. [Unpunished criminals. Ne nakazannye prestupniki. Tbilisi, Gos izd-vo "Sabchota Sakartvelo"] 1959. 96 p. [In Georgian.]

There are various forms of the struggle against the surviving traces of the past. V. Shaposhnikova Sov. iust. no. 12:51-59 D '59.

CRIME PREVENTION

(see also subdivision under Sverdlovsk Province)

Dement'ev, N. V. [Our people maintain law and order] Obshchestvennyi poriadok okhraniaetsia narodom. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 37 p.

Elimination of conditions that contribute to theft, fraud and the shortages of goods in the organization of state and cooperative trade. A. Sidorkov. Sots. zakon. [illegible] no. 12:61 D '59.

Great power of public opinion Agitator no. 23:6 D '59.

Let's increase our efforts to prevent theft of socialist property. G. Gol'st, S [illegible] Sots. zakon. [illegible] no. 12:43-46 D '59

Lil'in, T. IA. [The community and the strengthening of legality] Obshchestvennost' i ukreplenie zakonnosti. Moskva, Gos. izd-vo polit. lit-ry, 1960. 70 p. ([illegible] partiinogo stroitel'stva)

More attention to popular initiative. A. Korneev, [illegible] velev. Sots. zakon. 36 no 12:7-10 D '59.

The problem of great importance. Sov. iust. no. 12 [illegible] D '59.

Socialist society shows concern for the fate of each [illegible] Sots. zakon. 36 no 12:5-6 D '59.

CRIMEA—AIRLINES, LOCAL SERVICE

In forty minutes P. Arkhipov. Grazhd av. 16 no. [illegible] 20-21 D '59

CRIMEA—ALLIED INTERVENTION, 1918-1920

Valuable textbook for teachers ("Defeat of foreign aggressors in the southern Ukraine and the Crimea" by H. M. Shevchuk. Reviewed by S K Mel'nyk, P A Nekrasov, P. H Chukhrii). Ukr. ist. zhur. 3 no. 6 142-144 N-D '59

CRIMEA—ARCHITECTURE

Building designed by Aleviz Novyy in the Crimea [illegible]ov. Stroi. i arkhit 7 no. 12:30 31 D '59

CRIMEA—CEMENT PLANTS

Crimea has its own cement. I. Tkhustanbelov. [illegible] 9 no. 11:8-9 N '59.

CRIMEA—COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Efficient helpers. D. Shvarts, G. Goberman. Sov. potreb. koop. 4 no. 1:19-20 '60

CRIMEA—FARM BUILDINGS

New villages of the Crimea. K. Horchakov. Sil'. [illegible] no. 11:3-5 N '59.

CRIMEA—FORESTS AND FORESTRY

Posokhov, P. P. [Types of forests and principal laws of formation in the northern mountain-forest district of the Crimea] Tipy lesov i osnovnye zakonomernosti ikh formirovaniia v severnom gorno-lesnom raione Kryma. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 72 p.

CRIMEA—FRUIT CULTURE

Establish exemplary orchards and vineyards in the Crimea. V. G. Komlakhov. Sad i og. 37 no. [illegible] N '59.

CRIMEA—GEODESY

Methods of studying the figure of the earth in mountain regions. M. I. IUrkina. Trudy TSNIIGAIK no. 103 [illegible] '54.

CRIMEA—GEOLOGY, STRATIGRAPHIC

New data on lower Maykop sediments in the southwestern Crimea. V. H. Kulichenko. Nauk. zap Kyiv un 15 no. 14:107-113 '57.

CRIMEA—KINDERGARTEN

How to prepare children for their future school studies K. Avdiukhina. Doshk. vykh. 20 no. 12:10-13 D '59

CRIMEA—LABOR SUPPLY

The glory of work ("At the call of the party"; a collection of articles. Reviewed by M. Rotov). Znan. ta pratsia no. 12:15 D '59.

CRIMEA—LITERARY RESEARCH

Work of the Crimean historians of literature and critics R. M. Vul'. Rad. lit. no. 6:156-157 N-D '59.

CRIMEA—MEAT INDUSTRY

Lowering the cost of the procurement system. B. Feldbein. Mias. ind SSSR 30 no. 2:22 '59.

CRIMEA—MERCURY ORES

Some genetic features of mercury ores of the Crimea. G. A. Bulkin. Dokl. AN SSSR 131 no. 5:1143-1146 Ap '60

CRIMEA—MOTION PICTURES AND CHILDREN

Give your attention to young people. I. Potekhin. Kinomekhanik no. 12:15-17 D '59.

CRIMEA—MOTION PICTURES IN PROPAGANDA

Give your attention to young people. I. Potekhin. Kinomekhanik no. 12:15-17 D '59.

CRIMEA—MOUNTAINS

The canyon of ghosts. V. IEna. Ukraina no. 23:32 D '59.

CRIMEA—RIVERS

Hydrographic features and maximum discharges of rivers and intermittent streams in the Crimean Steppe. M. M. Aizenberg. Trudy Ukr NIGMI no. 19:125-135 '59

CRIMEA—VIEWS

[Crimea in photographic illustrations] Krym u fotoiliustratsiiakh. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 1 v. (unpaged, chiefly illus.)

CRIMEA—VITICULTURE

Organization and wages on vitricultural state farms. A. Taldonov. Sots. trud 4 no. 7:130-131 Jl '59.

Viticulture is the most profitable branch of agriculture in the Crimea. A. F. Chernlavskii. Vin. SSSR 19 no. 8:40-42 '59

Viticulture on the upsurge. L. S. Obokov. Sad i og. 97 no. 11:63-64 N '59.

CRIMEAN ASTROPHYSICAL OBSERVATORY

Crimean Astrophysical Observatory of the Academy of Sciences of the U.S.S.R. A. B. Severnyi. Izv. Krym. astrofiz. obser. 16:176-181 '56.

CRIMEAN MOUNTAINS—CAVES

Kirillov, I.A. [Mysteries of the red caves] Tainy krasnykh peshcher. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 95 p. (Po rodnym prostoram)

CRIMEAN MOUNTAINS—KARST

Kirillov, I.A. [Mysteries of the red caves] Tainy krasnykh peshcher. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 95 p. (Po rodnym prostoram)

CRIMINAL ATTEMPT

"Responsibility for the preparation of a crime and the criminal attempt in Soviet criminal law" by N. F. Kuznetsova. Reviewed by N. V. Liass. Izv. vys. ucheb. zav.; prav. 3 no. 4:158-163 '59.

CRIMINAL INTENT

"Responsibility for the preparation of a crime and the criminal attempt in Soviet criminal law" by N. F. Kuznetsova. Reviewed by N. V. Liass. Izv. vys. ucheb. zav.; prav. 3 no. 4:158-163 '59.

CRIMINAL INVESTIGATION

Belkin, R.S. [Theory of and practice in testing the materials of criminal investigation] Teoriia i praktika sledstvennogo eksperimenta. Pod obshchei red. A.I. Vinberga. Moskva, Vysshaia shkola MVD SSSR, 1959. 169 p.

"Legal guarantees of the accused's rights during pretrial investigation according to Soviet criminal procedure" by V. Z. Lukashevich. Reviewed by N. N. Polianskii. Izv. vys. ucheb. zav.; prav. 3 no. 4:167-171 '59.

Popov, V.I. [Examining the place of the crime] Osmotr mesta proisshestviia. Pod red. V. A. Kivana. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 230 p.

Vasil'ev, A.N., and S.S. Stepichev. [Reenactment of the crime where it took place in criminal investigation] Vosproizvedenie pokazanii na meste pri rassledovanii prestuplenii. Otv. red. S. A. Golunskii. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 40 p.

CRIMINAL LAW

(see also subdivision under Uzbekistan)

Gorelik, I.I. [Responsibility for not helping someone in danger according to Soviet criminal law] Otvetstvennost za ostavlenie v opasnosti po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 70 p.

"Leading principles of the criminal law of the R.S.F.S.R." S. IA. Bulatov. Izv. vys. ucheb. zav.; prav. 3 no. 4:126-132 '59.

"Problems in criminal law and criminal procedure"; a collection of articles, no. 1. Reviewed by V. Z. Lukashevich, V. G. Smirnov. Izv. vys. ucheb. zav., prav. 3 no. 4:163-167 '59.

Vyshinskaia, Z.A. [Criminal responsibility for criminal encroachments on collective-farm property] Ugolovnaia otvetstvennost' za prestupnye posiagatel'stva na kolkhoznoe imushchestvo. Moskva, Gosiurizdat, 1959. 147 p. (DS)

CRIMINAL PROCEDURE

Criminal cases initiated by private persons according to Soviet criminal procedure. K. F. Gutsenko. Izv. vys. ucheb. zav., prav. 3 no. 4:135-139 '59

Participation of lay prosecutors in criminal trials. I. Sapozhnikov. Sots. zakon. 26 no. 12:30-33 D '59.

Perlov, I.D. [Soviet criminal procedure] Ugolovnoe sudoproizvodstvo v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 100 p.

Polianskii, N.N. [Outline of the development of Soviet studies on criminal procedure] Ocherk razvitiia sovetskoi nauki ugolovnogo protsessa. [Moskva] Izd-vo Akad. nauk SSSR, 1960. 211 p.

"Problems in criminal law and criminal procedure"; a collection of articles, no. 1. Reviewed by V. Z. Lukashevich, V. G. Smirnov. Izv. vys. ucheb. zav., prav. 3 no. 4:163-167 '59

CRIMINALS, REHABILITATION OF see Rehabilitation of criminals

CRIPPLES see Physically handicapped

CROP ROTATION see Rotation of crops

CROP YIELDS see subdivision under Chuguev District

CROPS AND CLIMATE

Agroclimatic characteristics of corn cultivation in Transcaucasia. Sh. I. TSertsvadze, N. P. Stolypin. Trudy Tbil. NIGMI no. 4:172-179 '59

Brief climatic characteristics of the growing period of early farm crops in the U.S.S.R. P. I. Koloskov. Trudy NIIAK no. 7:16-29 '59.

Division of the U.S.S.R. into agroclimatic regions based on yields of flax grown for fiber and linseed oil. V. A. Smirnova. Trudy NIIAK no. 7:30-59 '59.

Division of the U.S.S.R. into agroclimatic regions based on yields of the two forage crops: clover and timothy grass. A. T. Nikiforova. Trudy NIIAK no. 7:60-75 '59.

Meteorological conditions prevailing during the growing period in 1956. E. A. Vorob'eva. Trudy Kar. fil. AN SSSR no. 17:80-96 '59.

Principal work methods in dividing the territory of the U.S.S.R. into agroclimatic regions for individual farm crops. P. I. Koloskov. Trudy NIIAK no. 7:10-15 '59.

Protein content of spring wheat in different geographical regions of the U.S.S.R. and its relation to climatic conditions. M. I. Mel'. Trudy NIIAK no. 7:76-81 '59.

CROSSOPTERYGII, FOSSIL see subdivision under Lovat' Valley

CRUCIBLES

Painting cast iron crucibles for melting aluminum alloys. M. P. Kuptsov. Lit. proizv. no. 12:38-39 D '59

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Automatic control of the operation of ball mills. A. A. Madoian. Elek. sta. 30 no. 12:11-12 D '59.

Determining the measuring resistance of a sound-metering control diagram of crushing machine operations. V. M. Arshinskii. Izv. vys. ucheb. zav., gor. zhur. no. 7:137-141 '59

Efficient recovery of short-fiber asbestos in cone mills and cam crushers. A. P. Diomidov, A. V. Volegov. Izv. vys. ucheb. zav., gor. zhur. no. 2:137-144 '60.

The LP-1 movable ice crusher. Ryb. khoz. 35 no. 10:85-86 O '59.

The OTSD-50 centrifugal breaking unit. A. IU. Rudenko, M. A. Olivson. Biul. tekh.-ekon. inform. no. 11:8 '59

Reinforcing the casing of cone crushers for coarse crushing. A. I. Drok. Gor. zhur. no. 1:76-77 Ja '60.

Steady motion of the hammer on a hammer mill. V. S. Emel'ianov. Izv. vys. ucheb. zav.; gor. zhur. no. 6:53-59 '59.

Testing cone crushers with a hydraulically regulated gape. F. F. Okulov, N. TS. Ryskina. TSvet. met. 32 no. 12:74 D '59.

CRUSHING MACHINERY—PNEUMATIC DRIVING

Pneumatic rubble-stone crushing equipment. I. I. Zemskov, L. T. Shapovalov. Gor. zhur. no. 1:72 Ja '60.

CRUSHING MACHINERY—VIBRATION

Against harmful vibration in crushed stone plants. A. B. Panasov. Put' i put. khoz. no. 11:36-38 N '59.

CRUSTACEA

Relations between innervating systems in the neuromuscular apparatus of Crustacea [with summary in English]. A. K. Voskresenskaia, M. IA. Kuntsova, V. L. Sviderskii. Fiziol. zhur. SSSR 45 no. 7:830-839 Jl '59.

CRUSTACEA, FOSSIL

(see also subdivision under Kazakhstan)

Orlov, IU. A., ed. [Fundamentals of paleontology; manual for paleontologists and geologists of the U.S.S.R. in 15 volumes] Osnovy paleontologii; spravochnik dlia paleontologov i geologov SSSR v piatnadtsati tomakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.
[Vol. 8.] [Trilobitomorpha and Crustaceomorpha (Arthropoda)] Chlenistonogie trilobitoobraznye i rakoobraznye. Otvet red. N. E. Chernysheva. 1960. 514 p.

CRYOLITE

Anodic overvoltage and the mechanism of anodic discharge in the electrolysis of cryolite-alumina melt. V. P. Mashovets, A. A. Revazian. Zhur. prikl. khim. 31 no. 4:571-580 Ap '60.

CRYOSCOPY

Determination of molecular weight by the cryoscopic method. The binary system aniline - acetic acid. L. I. Zhuravlev, M. A. Bolarshinova. Zhur. ob. khim. 30 no. 4:1070-1075 Ap '60.

CRYSTAL LATTICES

Camera for the precise determination of crystal lattice constants at high temperatures. A. V. Belotskii. Zav. lab. no. 11:1397 '59

Correlation between molecular volumes and the energies of crystal lattices. S. S. Batsanov, L. I. Gorogotskaia. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:860-861 '59.

Crystallographic relations in thermoelastic martensitic transformation. V. I. Arkharov, P. A. Sidorenko. Izv. vys. ucheb. zav.; chern. met. no. 3:79-85 '60

High temperature research on alloys with phases having similar lattices with close spacing. L. I. Tatarenko, B. M. Rovinskii. Fiz. met. i metalloved. 8 no. 5:741-748 N '59

Mechanism of the internal crystallite adsorption in diluted solid solutions. V. I. Arkharov and others. Fiz. met. i metalloved. 8 no. 5:792-794 N '59.

Properties and stability of dislocations in the crystal lattice of an electrolytically prepared metal. IA. E. Geguzin, N. N. Ovcharenko. Izv. vys. ucheb. zav.; chern. met. no. 3:105-109 '60

Studying the anisotropy of thermal vibrations of atoms in some transition metal carbides and nitrides with hexagonal lattices. A. M. Belikov, IA. S. Umanskii. Kristallografiia 4 no. 5:684-690 S-O '59

Studying the fine crystal structure of Fe-Cr alloys under the effect of deformation. G. M. Vorob'ev. Izv. vys. ucheb. zav.; chern. met. no. 3:100-105 '60

X-ray investigation of the temperature relation of crystal lattice distortions in metals. G. A. Shreiko, V. I. Lisbkevich. Fiz. met. i metalloved. 8 no. 5:700-704 N '59.

CRYSTALLINE LENS

Some peculiarities of the fat metabolism of the cornea and the crystalline lens [with summary in English]. V. O. Zubkovskaia. Oft. zhur. 14 no. 8:466-471 '59.

CRYSTALLINE LENS—WOUNDS AND INJURIES

Primary radiation injuries of the crystalline lens and their role in the development of radiation cataract [with summary in English]. I. F. Kovalev. Oft. zhur. 14 no. 6:353-358 '59

CRYSTALLIZATION

Application of Van der Waals' differential equation and Konovalov's laws to processes of equilibrated crystallization of binary solid solutions of some salts from aqueous solutions. A. N. Kirgintsev. Izv. Sib. otd. AN SSSR no. 10:95-103 '59

Concentrated layers at interphase surfaces during the crystallization of alloys. B. A. Movchan. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:72-78 Mr-Ap '60.

Crystallization capacity of glasses of the K_2O - ZnO - P_2O_5 system. T. I. Veinberg. Zhur. prikl. khim. 32 no. 8:1685-1689 Ag '59.

Crystallization of binary metal alloys without diffusion. IU. A. Kolbal. Izv. vys. ucheb. zav.; chern. met. no. 3:110-116 '60.

Crystallization of cast iron in the process of continuous casting. A. D. Popov. Lit. proizv. no. 12:27-28 D '59

Effect of stirring on the purity of copper sulfate crystals obtained. L. M. Matusevich. TSvet. met. 32 no. 11:37-43 N '59.

Investigating the crystallization of antimony in thin layers. L. S. Palatnik, V. M. Kosevich. Kristallografiia 4 no. 5:673-677 S-O '59.

Investigating the kinetics of recrystallization of technically pure iron during high speed electric heating. V. I. Ivanov, K. A. Osipov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:87-92 Mr-Ap '60.

Isomorphism and epitaxy. K. P. IAnulov. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:41-51 '59.

Recrystallization diagram for induction heating. M. N. Bodiako and others. Metalloved. i term. obr. met. no. 1:40-52 Ja '60.

Recrystallization precipitation of titanium alloys in induction heating. M. N. Bodiako, V. I. Pakhnovich. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 4:47-54 '59.

Spontaneous crystallization of dissociated salts. V. B. Ratinov, O. M. Lodon. Dokl. AN SSSR 131 no. 2:403-405 My '60.

CRYSTALLOGRAPHY

Crystallochemical basis for the general course of qualitative analysis. G. B. Bokii, S. S. Batsanov. Izv. Sib. otd. AN SSSR no. 10:68-73 '59

Nomenclature of 80 plane groups in three dimensions. N. V. Belov. Kristallografiia 4 no. 5:775-778 S-O '59.

Using strips for integral calculation in the formula for the curve of radial distribution. B. K. Vainshtein, L. I. Tatarinova. Kristallografiia 4 no. 5:782-784 S-O '59

CRYSTALLOGRAPHY—CONGRESSES

International Fedorov Congress on Crystallography in Leningrad N V Belov and others Kristallografiia 4 no. 5:796-800 S-O '59

CRYSTALLOGRAPHY, MATHEMATICAL

Remarkable analogs of natural forms [in Kazakh with summary in Russian]. A. Zh. Mashanov. Vest. AN Kazakh SSR 15 no. 12 48-53 D '59

CRYSTALS

Effect of the activator on the stability of F-centers. I. A. Parfianovich, E I Shuraleva Opt i spektr 7 no 4:518-523 O '59

Features of the process of grinding certain crystalline materials [with summary in English]. N. N. Kachalov, L. F Grigor'eva. Inzh.-fiz. zhur. no. 1:35-40 Ja '60.

Flint, E. E. [Catalog of very hard crystals] Katalog vysokotverdykh kristallov. Moskva, Izd-vo Akad. nauk SSSR. 1959. 50 p.

Investigation of elastic twinning stages in metal single crystals V M Kosevich, V I Bashmakov. Kristallografiia 4 no 5:749-755 S-O '59

Luminescence of impurity centers Part 2. A. M. Rainer Fiz. tver tela 1 no. 11 1707-1716 N '59.

Macroscopic steps on a crystal surface. I. M. Lifshits, A A Chernov Kristallografiia 4 no 5:788-791 S-O '59

Phenomenological investigation of polar crystals [with summary in English] M. Sh Hiterman, IE A Turov. Ukr. fiz zhur. 4 no 4 443-450 Jl-Ag '59

Possible arrangements of atoms in octahedral space with hexagonal closest packing N L Smirnova Kristallografiia 4 no 5:778-782 S-O '59.

Pressures in solids under neutron bombardment. IU. I. Remnev. Izv. vys. ucheb zav., fiz. no. 5 81-85 '59.

Some characteristics of the behavior of refraction indices and absorption coefficients of absorptive crystals A M. Goncharenko Kristallografiia 4 no 5:727-731 S-O '59

Structure of the valence band of crystals of the tellurium type E. I. Cheglokov. Izv. vys. ucheb zav., fiz. no 5 154-163 '59.

CRYSTALS—DEFECTS

Distribution of crystal lattice defects along the diameter of the specimen in various types of deformation S D. Hertsriken, M M Novykov, V S Kopan'. Ukr fiz zhur. 4 no. 4 530-534 Jl-Ag '59

Effect of crystal defects on spin-lattice relaxation. B. I. Kochelaev. Dokl. AN SSSR 131 no. 5:1053-1056 Ap '60.

Effect of the crystallographic orientation of single crystals on fault formation limits V R Regel', G V. Berezhkova. Kristallografiia 4 no 5:761-767 S-O '59

CRYSTALS—GROWTH

Growth of activated crystals of lithium fluoride. L. M. Beliaev and others Kristallografiia 4 no. 5:794-795 S-O '59

Induction facets in the granite crystals of the northern Karelia pegmatite lode. E. B. Treivus. Sbor. nauch. rab. stud. LGI no. 2:42-45 '57.

Second meeting on crystal growth. E. N. Slavnova, N. N. Sheftal' Kristallografiia 4 no. 5:804 S-O '59

Some changes in crystal growth methods. L. M. Beliaev, B V Vitovskii, G F. Dobrzhanskii. Kristallografiia 4 no. 5:791-794 S-O '59

Some regularities of induction facet growth on artificial crystals. V. G. Lazarenko. Sbor. nauch. rab. stud. LGI no. 2,59-63 '57.

CRYSTALS—OPTICAL PROPERTIES

On the phenomenological theory of the optical activity of crystals B V Bokut' Trudy Inst fiz i mat. AN BSSR no 3:100-110 '59

Optical characteristics of absorptive magnetic crystals with average and rhombic syngony. L. M Tomil'chik, F. I. Fedorov. Trudy Inst. fiz. i mat. AN BSSR no 3:142-153 '59.

CRYSTALS—SPECTRA

Determination of the electron density distribution in crystals N N Sirota, N. M Olekhnovich, A. U Sheleg Dokl AN SSSR 132 no 1 160-163 My '60

CUBA—FOREIGN RELATIONS—UNITED STATES

A dangerous virus. Nov. vrem. 18 no. 17:28 Ap '60.

Poisoned weapon Nov. vrem. 18 no. 19:24-25 My '60.

CUBA—POLITICS AND GOVERNMENT

Festival of free Cuba. V. Chichkov. Ogonek 38 no. 1:22-24 Ja '60.

Nitoburg, E. L. [Cuba in the struggle for independence] Kuba v bor'be za nezavisimost'. Moskva, Izd-vo "Znanie," 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no 10)

North, Joseph. [Cuba's Revolution; I saw the people's victory. Translated from the English. Preface by K. M. Obyden] Kubinskaia revoliutsiia; ia videl pobedu naroda. Moskva, Izd-vo inostr. lit-ry, 1960. 42 p.

CUBA—SUGAR TRADE

A dangerous virus. Nov. vrem 18 no. 17:28 Ap '60.

CUCKOOS

Cuckoo as a honey detector. IUn. tekh. 4 no. 11:34 N '59.

CUCUMBERS

Practices of the "Teplichnyi" State Farm to raise cucumbers on gravel S F Vashchenko, D I. Latyshev, A N Smirnova. Sad i og 97 no 12 19-21 D '59

CUCUMBERS—DISEASES AND PESTS

White rot of cucumbers Z N Kochetova Sad i og 97 no 12 25-27 D '59

CUCUMBERS—VARIETIES see subdivision under Rumania

CULTIVATED PLANTS see Plants, Cultivated

CULTIVATORS

Attachment of the S-II hitch for the hydraulic control of cultivators and drills. G Fudiman, IA. Stepanitskii. Tekh. sov. kolkh., RTS, sovkhoz. 20 no. 22,1-7 N '59.

Working parts of cultivators and their effectiveness in the maintenance of forest plantations varying in the degree of weediness. P. S. Nartov Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:13-18 '59.

CULTURE

Our common cause. N. Mikhailov. Sov. pech. no. 12:82-83 D '59.

CULVERTS

Determining the actual depth of small water currents. V E. Kaganovich. Izv. vys. ucheb. zav., stroi. i arkhit. no. 7:152-154 '59.

CUMENE

Reversible reactions in the alkylation of isopropylbenzene by propylene. E. P. Babin and others. Izv. Sib. otd. AN SSSR no. 11,57-61 '59.

CUPOLA FURNACES

Overheating of cast iron in the cupola. A. V Kaibichev, V. P Chernobrovkin Lit proizv no 12 22-24 D '59.

CUPOLAS see Domes

CURRANTS see subdivision under Kirovsk (Murmansk Province)

CURRENTS, ELECTRIC see Electric currents

CUTTING MACHINES

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Anode-mechanical tools for cutting high strength and hardened reinforcing steel] Anodno-mekhanicheskie pily dlia rezaniia vysokoprochnoi i uprochnennoi armaturnoi stali. Moskva, Gosstroiizdat, 1960. 18 p.

Improving the "BN-2" reel cutting machine. I IA. Budinskii. Poligr proizv no. 12 12 D '59

CYANITE

Properties of a high-alumina refractory made from Keyvy cyanites and changes taking place during service in a ladle for casting steel. B. V. Ivanov, D. K. Vlasova. Izv. Kar. i Kol' fil. AN SSSR no. 3,102-114 '59.

CYANOCOBALAMINE

Change in thyroid gland function during prolonged use of vitamin B_{12} [with summary in English] S. V Maksimov, I N Sharkevich Vrach delo no. 11:1133-1137 N '59.

Cobalt and vitamin B_{12} content of sludges of stagnant waters in the Azerbaijan S. S. R. S. V. Letunova. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:143-146 '59.

Drug therapy in experimental toxic hepatitis; use of campolon and vitamin B_{12} in carbon tetrachloride poisoning [with summary in English]. O. H. Petrovs'ka. Fiziol. zhur [Ukr.] 5 no. 6:822-827 N-D '59.

Dynamics of the incorporation of acetate and glycine into the molecule of vitamin B_{12} during its biosynthesis. G. V. Proniakova. Dokl. AN SSSR 131 no. 5:1181-1182 Ap '60.

Effect of cobalamine on dehydrogenase activity in tissues of rabbits under normal conditions and in a state of hypothermia [with summary in English] IU. V. Lakhno, R V Chahovets'. Ukr biokhim. zhur 31 no. 5,691-699 '59.

Effect of vitamin B_{12} on the state of liver cells in different forms of experimental dystrophy. R. A. Petrov. TSitologiia 1 no. 6:649-652 N-D '59.

Method of determining vitamin B_{12} in the blood. N. V. Miasishcheva. Lab. delo 6 no. 1:35-37 Ja-Fe '60.

Treatment of patients with lateral amyotrophic sclerosis with vitamin B_{12} [with summary in French]. T. L. Kroliunitskaia. Zhur. nevr. i psikh. 59 no. 12:1447-1450 '59.

CYANOETHYLATION

Decyanoethylation and complete cyanoethylation of β-alkoxy- and β-aryloxypropionitriles. P. F. Buckus, G. I. Denis. Zhur. ob. khim. 30 no. 4:1321-1325 Ap '60.

Decyanoethylation of N-cyanoethylated α-amino acids and their derivatives. P. F Buckus, G I. Denis Zhur. ob. khim. 30 no. 4 1317-1321 Ap '60

CYBERNETICS

Automation of production and cybernetics. D. Libenson V pom. polit samoobr 3 no 12:57-60 D '59

Cybernetics. B. Hniedenko, K. Shkabara. Nauka i zhyttia 9 no. 12:9-11 D '59.

Self-perfecting cybernetic control systems with the capacity to learn [with summary in English]. O. H. Ivakhnenko. Avtomatyka no. 4,1-24 '59.

CYCLIZATION

Dehydrocyclization of alkanes into five-membered cyclanes on oxide catalysts. E. A. Timofeeva, N. I. Shuikin, T. P. Dobrynina. Izv. AN SSSR Otd. khim. nauk. no. 3:572 '60.

Electronegativity of elements and the formation of inorganic rings and chains. I. Haiduc. Zhur. ob. khim. 30 no. 4:1395-1396 Ap '60.

CYCLOBUTADIENE

Calculation of the stability of the tetraphenylcyclobutadiene molecule, using the MO LCAO method. D. A. Bochvar, E. S. Bogatova, A. L. Chistiakov. Izv. AN SSSR Otd. khim. nauk. no. 3:569 '60.

CYCLOHEXANE

Enrichment of hexachloran by the repeated use of the mother liquor. A. V. Molchanov, IU. N. Bezobrazov, E. P. Abramian. Khim. prom. no. 6:467-490 S '59.

Highly active nickel - alumina catalyst for dehydrogenating the hexamethylene ring. N. I. Shuikin, E. D. Tulupova. Izv. AN SSSR Otd. khim. nauk no. 4:709-716 Ap '60.

Liquid - vapor equilibrium in the system methylcyclohexane - n-heptane. I. N. Bushmakin, N. P. Kuznetsova. Zhur. prikl. khim. 32 no. 8 1751-1755 Ag '59.

Spatial configuration of stereoisomeric 1,4-diisopropylcyclohexanes A L. Liberman, T V Vasina, B A Kazanskii Dokl AN SSSR 132 no 1 130-133 My '60

CYCLOHEXANOL

Reactions of cyclohexanol in contact with activated carbon. A. A. Balandin, G. I. Levi, E. I. Ilaunde. Izv. AN SSSR Otd. khim. nauk no. 4,614-623 Ap '60.

CYCLOHEXANOL—OPTICAL PROPERTIES

Optical study of some cyclohexanol substituted derivatives and their acetates. M. I. Batuev, A. A. Akhrem, A. D. Matveeva. Izv. AN SSSR Otd. khim. nauk. no. 3:538-549 '60.

CYCLOHEXANONE

Determination of cyclohexanone and of cyclohexanoneoxime when present together. A. S. Maslennikov. Gig. i san. 24 no. 12:71-73 D '59.

CYCLOHEXENE

Synthesis and study of the conversions of β-chloroacetic esters based on cyclohexene P. S. Belov, V. I. Isagulants Izv. vys. ucheb zav., neft' i gaz 2 no. 11 75-81 '59

CYCLONES

Characteristics of the temperature field in anticyclones. O. P. Petrenchuk. Trudy GGO no. 93:47-55 '59.

Role of the Aleutian lows in the formation of ice conditions in the Chukchi Sea. O. A. Kuznetsov. Probl. Sev. no. 3. 10-15 '59.

Some properties of pressure fields in baric systems with elliptic isobars. O. P. Petrenchuk. Trudy GGO no. 93: 21-28 '59.

CYCLOPENTADIENE

Diene condensation of unsaturated compounds containing a trichloromethyl or trichlorovinyl group. R. Kh. Freidlina, F. K. Velichko, A. B. Beliavskii. Izv. AN SSSR Otd. khim. nauk. no. 3:452-456 '60.

CYCLOPENTANE

Catalytic conversions of isoamylcyclopentane under hydrogen pressure. N. I. Shuikin, M. I. Cherkashin, G. K. Gaivoronskaia. Izv. AN SSSR Otd. khim. nauk. no. 3: 484-489 '60.

Oxidation of 1-phenyl-1-cyclopentene by performic acid, and synthesis of 1-methyl- and 1-ethyl-2-phenylcyclopentane. A. F. Plate and others. Zhur. ob. khim. 30 no. 4:1250-1255 Ap '60.

CYCLOPENTANONECARBOXYLIC ACID

Acylation of amino acids and peptides with 2-methylcyclopentanone-3-carboxylic acid. L. A. Shchukina, R. G. Vdovina, Z. I. Matveeva. Zhur. ob. khim. 30 no. 4: 1135-1139 Ap '60.

CYCLOPENTENE

Oxidation of 1-phenyl-1-cyclopentene by performic acid, and synthesis of 1-methyl- and 1-ethyl-2-phenylcyclopentane. A. F. Plate and others. Zhur. ob. khim. 30 no. 4:1250-1255 Ap '60.

CYCLOPENTENEDIONE

Stereochemistry of cyclic compounds 1,3-Cyclopentenedione in diene synthesis reactions. V. F. Kucherov, L. N. Ivanova. Dokl. AN SSSR 131 no. 5:1077-1079 Ap '60.

CYCLOPROPANE

Heats of combustion of 1,1-dimethyl-2-alkylcyclopropanes. O. N. Kachinskaia and others. Dokl. AN SSSR 132 no. 1: 119-122 My '60.

Orientation of the π electron cloud in the cyclopropane ring. V. T. Aleksanian, Kh. E. Sterin. Dokl. AN SSSR 131 no. 6: 1371-1374 Ap '60.

CYCLOPROPENE

Calculation of some derivatives of the cyclopropenyl cation by means of the molecular orbital method [with summary in English]. D. A. Bochvar, I. V. Stankevich, A. L. Chistiakov. Zhur. fiz. khim. 33 no. 12:2712-2714 D '59.

CYCLOTRON

Automatic readjustment of reactive parameters of the cyclotron resonance system. A. V. Antonov and others. Prib. i tekh. eksp. no. 6:20-24 N-D '59.

Calculating the magnet of a ring-type synchrocyclotron. V. N. Kanunnikov, A. P. Fateev. Zhur. tekh. fiz. 29 no. 10:1229-1234 O '59.

Measurement of the width of an ion beam in the vicinity of the cyclotron source. N. D. Fedorov, IU. A. Khodunovskii. Prib. i tekh. eksp. no. 6:27-30 N-D '59.

Slit ion source for a cyclotron. I. I. Afanas'ev and others. Prib. i tekh. eksp. no. 6:25-27 N-D '59.

Sonde for measuring small currents in a cyclotron. L. S. Mironov and others. Prib. i tekh. eksp. no. 6:116-117 N-D '59.

CYLINDERS

Distribution of velocities over a closed cylindrical surface. [illegible] Izv. vys. ucheb. zav.; chern. met. no. 3:161-166 '60.

Lateral bending of a circular cylinder having a coaxial polyhedral hollow. M. I. Naiman. Rasch. na prochn. no. 4:131-174 '59.

Rotation of a cylinder with variable angular speed in a viscous plastic medium. A. I. Safronchik. Prikl. mat. i mekh. 23 no. 6:1051-1063 N-D '59.

CYMBALS

The cymbalist. IA. [illegible] [illegible] 16 no. 12:24 D '59.

CYPRUS—TRADE UNIONS—CONGRESSES

Eleventh Congress of the Pan-Cyprian Federation of Labor. [illegible] Vsem. prof. dvizh. no. 6:23-24 Je '60.

CYSTS

Acute appendicitis combined with torsion of an intra-abdominal cyst of the spermatic cord. Z. K. Daglik. Nov. khir. arkh. no. 6:100-102 N-D '59.

Bronchogenic cyst of the mediastinum. T. A. Alieva. Nov. khir. arkh. no. 6:84-86 N-D '59.

Dermoid cyst in the sternal region. P. G. Naumanov. Zdrav. Belor. 5 no. 12:49 D '59.

Leiomyoma of the stomach combined with ovarian cyst. N. P. Battan. Zdrav. Belor. 5 no. 12:46-47 D '59.

Surgical treatment of tumors and cysts of the mediastinum. V. N. Gol'dberg. Nov. khir. arkh. no. 6:39-43 N-D '59.

Therapy of ovarian cysts in pregnancy [with summary in English]. A. M. Agarianc. Akush. i gin. 35 no. 6:91-[illegible] N-D '59.

CYTOCHROME OXIDASE

Indophenol oxidase of the acid-resistant saprophyte B-5 [with summary in English]. G. N. Pershin, I. N. Zykova. Probl. tub. 37 no. 7:74-78 '59.

CYTOPLASM see Protoplasm

CYTOTOXIC DRUGS

Method for the primary selection of antitumor antibiotics. M. M. Maevskii. Vest. AMN SSSR 14 no. 12:13-16 '59.

On antileukemic activity of ethyleneimine derivatives and of certain other chemical agents [with summary in English, p. 56]. V. A. Chernov, L. G. Lytkina. Probl. gemat. i perel. krovi 4 no. 12:14-23 D '59.

CZECHOSLOVAKIA—AGRICULTURAL POLICY

Problems of the development of agriculture in Czechoslovakia. Jiri Kotatko, [illegible] 10 no. 8:106-108 D '59.

CZECHOSLOVAKIA—AUTOMOBILES

"Octavia" model of "Skoda-440" cars. Za rul. 17 no. 11:26-27 N '59.

CZECHOSLOVAKIA—CERAMIC MATERIALS

Microporous ceramics (from "Technické noviny," no. 24, 1959). Kislorod 12 no. 6:64 '59.

CZECHOSLOVAKIA—CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Research at institutes of the Czechoslovak Republic. L. N. IAkhontov and others. Med. prom. 13 no. 12:52-55 D '59.

CZECHOSLOVAKIA—CHILDREN—CARE AND HYGIENE

Hygiene of children and adolescents in Czechoslovakia. F. IAnda. Gig. i san. 24 no. 11:58-60 N '59.

CZECHOSLOVAKIA—COMMUNIST PARTY

History of the struggle of Czech Communists under the Second Republic. A. I. Huliak. Pratsi Od. un. Zbir. stud. rob. no. 5(vol 149) 15-52 '59.

CZECHOSLOVAKIA—COOKERY

Honoring labor! M. Pol'skii. Obshchestv. pit. no. 10: 48-51 O '59.

CZECHOSLOVAKIA—CRANES, DERRICKS, ETC

Using cable cranes in building hydraulic structures in Czechoslovakia. Vaclav Novily. Mekh. stroi. 16 no. 12: 26-30 D '59.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

From Warsaw to Prague (conclusion). T. Smolenskaia, IU. Kisaulik. Zhizn' glukh. 12 no. 11:20-21 N '59.

CZECHOSLOVAKIA—DISABILITY EVALUATION

Research Institute of the Social Insurance Department of Czechoslovakia. Jan Paroubek. Sots. obesp. 20 no. 12: 56-59 D '59.

CZECHOSLOVAKIA—DIESEL ENGINES

Present state of the development of two-cycle diesel engines in Czechoslovakia. M. Kratochvil. Izv. vys. ucheb. zav.; mashinostr. no. 4:60-71 '59.

CZECHOSLOVAKIA—DREDGING MACHINERY

Small Hercules. IUn. tekh. 4 no. 12:71 D '59.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS

Completion of the building of socialism in Czechoslovakia. Vladimir Koucky. Mir. ekon. i mezhdunar. otn. no. 5:33-45 My '60.

Czechoslovakia of 1960. V. Krasnopol'skii. Nov. vrem. 19 no. 18:29-30 My '60.

Czechoslovakia's economic accomplishments. O. Simunek. Mezhdunar. zhizn' 7 no. 5:30-38 My '60.

[Economic development of Czechoslovakia from 1948 through 1958. Translated from the Czech] Ekonomicheskoe razvitie Chekhoslovakii, 1948-1958 gg. Red. IU. F. Kormnov. Moskva, Izd-vo inostr. lit-ry, 1959. 367 p.

Fifteen years of socialist construction in Czechoslovakia. Zdenek Vergner. Vop. ekon. no. 5:77-83 My '60.

From a bourgeois republic to a socialist republic. Zdenek Fierlinger. Nov. vrem. 19 no. 19:8-11 My '60.

Pronin, P. I., and G. N. Fominov. [Fifteen years of People's Democratic Czechoslovakia] 15 let Narodno-Demokraticheskoi Chekhoslovakii. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 9)

CZECHOSLOVAKIA—ELECTRIC METERS

Electric meters and electric instruments made in Czechoslovakia. B. Kh. Telinhovskii. Biul. tekh.-ekon. inform. no. 12:70-71 '59.

CZECHOSLOVAKIA—ELECTRONIC INSTRUMENTS

Electric meters and electric instruments made in Czechoslovakia. B. Kh. Telinhovskii. Biul. tekh.-ekon. inform. no. 12:70-71 '59.

CZECHOSLOVAKIA—FOREST NURSERIES

Circular forest nursery. V. Kotenever. Les. khoz. 12 no. 12:80-81 D '59.

CZECHOSLOVAKIA—FOUNDRIES

In the Czechoslovak Republic foundries. V. M. Shestopal. Lit. proizv. no. 12:5-7 D '59.

CZECHOSLOVAKIA—GEOLOGY

Fifth and sixth volumes of the Czechoslovak collected studies "Anthropozoikum." A. M. Zhirmunskii. Biul. Kom. chetv. per. no. 23:110-111 '59.

CZECHOSLOVAKIA—GLASS

"Glass Festival." V. Habala. Tekh. mol. 27 no. 12: 37-38 '59.

Today's glass. A. Vaček. Znan. sila 34 no. 11:23-25 N '59.

CZECHOSLOVAKIA—HYDRAULIC ENGINEERING

Using cable cranes in building hydraulic structures in Czechoslovakia. Vaclav Novily. Mekh. stroi. 16 no. 12: 26-30 D '59.

CZECHOSLOVAKIA—LITERATURE—HISTORY AND CRITICISM

Czech and Slovak literary scholars and their works. I. Kishkin. Vest. ist. mir. kul't. no. 6:122-125 N-D '59.

CZECHOSLOVAKIA—MACHINE-TOOL INDUSTRY

New machine tools and attachments made in Czechoslovakia. E. Korolenko. Mashinostroitel' no. 1:37-39 Ja '60.

CZECHOSLOVAKIA—METALLURGICAL FURNACES

Rotary furnace in a pipe-rolling mill. A. Koparek. Metallurg 4 no. 12:35 D '59.

CZECHOSLOVAKIA—MOTION-PICTURE CARTOONS

Animating and captivating. Nat. Smirnova. Isk. kino no. 12:157-159 D '59.

CZECHOSLOVAKIA—OXYGEN

Czechoslovak low-pressure oxygen unit of 5000 m³ (at 1 atm.)/hour capacity (from "Technické noviny," no. 30, 1959). Kislorod 12 no. 6:64 '59.

CZECHOSLOVAKIA—PHOTOGRAPHY—ENLARGING

Czechoslovak photographic enlarging apparatus. P. Kilmerman, A. Popov. Sov. foto 19 no. 11:68-69 N '59.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

From a bourgeois republic to a socialist republic. Zdenek Fierlinger. Nov. vrem. 19 no. 19:8-11 My '60.

Pronin, P. I., and G. N. Fominov. [Fifteen years of People's Democratic Czechoslovakia] 15 let Narodno-Demokraticheskoi Chekhoslovakii. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 9)

CZECHOSLOVAKIA—RAILROADS—SIGNALING

Linking of Soviet automatic block systems with present-day signaling devices at Czechoslovakian railroad stations. E. Maier. Avtom. telem. i sviaz' 3 no. 12:20-23 D '59.

CZECHOSLOVAKIA—RAILROADS—TIES

Reinforced concrete slabs replace ties. Miloslav Hlavati. Put' i put. khoz. no. 11:47-48 N '59.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Friends exchange experience. N. Batalov. Obshchestv. pit. no. 12:11-15 D '59.

CZECHOSLOVAKIA—ROLLING MILLS—EQUIPMENT AND SUPPLIES

Equipment for pipe insulation by spraying in an electrostatic field. A. Koparek. Metallurg 4 no. 12:35-36 D '59.

CZECHOSLOVAKIA—SCHOOLHOUSES

New features in the designing and construction of Czechoslovak schools. S. Sarkisov. Nar. obr. no. 5:122-125 My '60.

CZECHOSLOVAKIA—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Protection of diffusers against corrosion (from "Listy Cukrovarnické," no. 7, 1959). A. A. Lipets. Sakh. prom. 33 no. 12:60 D '59.

CZECHOSLOVAKIA—TECHNICAL ASSISTANCE, RUSSIAN

The steel of eastern Slovakia; interview with Richard Dvorak, Czechoslovak Ambassador to the U.S.S.R. Nov. vrem. 19 no. 17:23 Ap '60.

CZECHOSLOVAKIA—TRADE UNIONS

Inexhaustible source of our strength. Frantisek Zupka. Sov. profsoiuzy 16 no. 7:33-35 Ap '60.

CZECHOSLOVAKIA—TROUT

Valuable book on river trout culture ("Trout culture" [in Czech] by J. Kupka. Reviewed by V. M. Ivasik). Ryb. khoz. 35 no. 10:93-94 O '59.

CZECHOSLOVAKIA—VIEWS

The land of our friends. Ukraina no. 24:5 D '59.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

The blow that shattered the chains of slavery. Ch. Grushka. Voen. znan. 36 no. 5:6-7 My '60.

DDT (INSECTICIDE)

Results of treating cattle with a 4-6% oil solution of DDT at different stages in the development of the warble flies. L. F. Romashova. Trudy Inst. zool. i paraz. AN Kir. SSR no. 7:219-233 '60.

Some data on the effect of acaricidal preparations on Ixodid ticks. V. I. Ermoshkevich. Dokl. AN Tadzh. SSR 2 no. 1:39-41 '59.

Using chlorothen with DDT against cotton bollworm. G. A. Pishnamazov. Zashch. rast. ot vred. i bol. 4 no. 3:42 My-Je '59.

DAGHESTAN—ARCHAEOLOGY—STUDY AND TEACHING

Academic session on the archaeology of Daghestan. R. M. Munchaev. Sov. arkheol. no. 4:334-337 '59.

DAGHESTAN—BUDGET

Economic and cultural flourishing of Daghestan. G. Bedelov. Fin. SSSR 21 no. 4:25-28 Ap '60.

DAGHESTAN—CHRONOGRAMS

Southern Daghestan chronogram, 1710-1712. L. I. Lavrov. Krat. soob. Inst. etn. no. 32:18-22 '59.

DAGHESTAN—ECONOMIC CONDITIONS

Economic and cultural flourishing of Daghestan. G. Bedelov. Fin. SSSR 21 no. 4:25-28 Ap '60.

DAGHESTAN—EDUCATION

Development of public education in Daghestan. Sh. Khasbulatov. Nar. obr. no. 5:23-26 My '60.

DAGHESTAN—FRUIT

Walnut and wild fruit plants of Daghestan. N. D. Unchilev. Trudy Bot. inst. Ser. 6 no. 7:103-106 '59.

DAGHESTAN—FRUIT CULTURE

Aerosols in the orchards of Daghestan Ch K Bat Zashch rast ot vred i bol. 4 no 3 38-39 My-Je '59

DAGHESTAN—HISTORY

Magomedov, R. M. [Chronology of the history of Daghestan] Khronologiia istorii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 108 p.

DAGHESTAN—MARRIAGE CUSTOMS AND RITES

Marriage and wedding among the Daghestan peoples in the 19th century. G. A. Sergeeva. Kr at. soob. Inst. etn. no. 32,30-36 '59.

DAGHESTAN—PINE

Fragments of sparse pine woodland in the arid foothills of Daghestan P. L L'vov Bot zhur 44 no 11 1633-1639 N '59

DAGHESTAN—PUBLIC HELATH

Alikishiev, R. Sh. [Studies in the history of public health in Daghestan] Ocherki po istorii zdravookhraneniia Dagestana. Moskva, Medgiz, 1958. 174 p. (DNLM)

DAGHESTAN—WALNUT

Walnut and wild fruit plants of Daghestan. N. D. Unchiev. Trudy Bot. inst Ser. 6 no 7 163-166 '59.

DAIREN, CHINA—EVENING AND CONTINUATION SCHOOLS

New production, new men Huang Hai-sheng. Vsem. prof. dvizh. no 4 45-47 Ap '60

DAIREN, CHINA—SHIPBUILDING WORKERS

New production, new men Huang Hai-sheng. Vsem. prof. dvizh. no 4 45-47 Ap '60.

DAIRY BARNS

(see also subdivision under Vladimir Province)

Dear "ties." M. Volkov. Nauka i pered. op. v sel'khoz. 9 no. 12 11-13 D '59

Economic maintenance of cattle. I. Morozov. Nauka i pered. op. v sel'khoz. 9 no. 12 14 D '59.

New design of cow barns for loose housing of cattle. A. Sychevs'kyi. Sil'. bud. 9 no. 11,15-17 N '59.

One livestock raiser is doing the work of five. V. Sobolenko Nauka i pered. op. v sel'khoz. 9 no 12·16-18 D '59.

Over-all mechanization of the livestock section of the "Communist" Collective Farm. M Rad'ko. Sil'. bud. 9 no. 11·14-15 N '59.

Precast arched livestock buildings. Sil'. bud, 9 no. 11· 22 N '59.

DAIRY CATTLE—FEEDING AND FEEDS

Effect of different degrees of milk feeding on the growth of 18-month-old Ala-Tau heifers N IA Bosikova, R N Odynets Trudy Inst zool. i paraz. AN Kir SSR no 7: 15-32 '59.

DAIRY INDUSTRY see subdivision under Ryazan Province

DAIRY INDUSTRY—LABOR PRODUCTIVITY

School of progressive practices. S. Zelikovich, A. Fal'k. Moloch. prom. 20 no. 12;27-28 D '59.

Using hidden potentialities for increasing labor productivity. A. Shlykov. Moloch. prom. 20 no. 12;11-12 D '59.

DAIRY PLANTS

(see also subdivision under Molodechno)

Each collective and state farm should have its own dairy. A. Cherviakov. Moloch. prom. 20 no. 12;23 D '59.

DAIRY PRODUCTS see subdivision under Archangel Province

DAIRY WORKERS see subdivision under Rovno Province

DAIRYING

(see also subdivision under Kazakhstan, Mar'inka District, Perelyub District; Poltava Province; Shilovo District)

Knyha, M. I. [Dairying] Sprava. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1960. 155 p.

Milk and milk products additives. V. Kostygov. Moloch. prom. 20 no. 12,40-42 D '59.

Separator sections and dairies on farms. V. Vereshchagina. Moloch. prom. 20 no. 12:21-22 D '59.

Technological charts for the over-all electric mechanization of dairy farms. S. V. Shchurov, M. E. Beilis. Mekh. i elek. sots. sel'khoz. 17 no. 6:37-40 '59.

Textbook on dairying ("Dairying" by Z. Kh. Dilanian. Reviewed by G. Strybak). Moloch. prom. 20 no. 12;39 D '59.

Who is behind? S. Liudmilov. Smena 36 no. 23:6 D '59.

DAIRYING—ACCOUNTING

How to determine output in collective farm dairy plants. P. V. Kugenev. Uchet i fin. v kolkh i sovkhoz 17 no. 2; 52-55 F '60

DAIRYING—EQUIPMENT AND SUPPLIES

Conveying milk on dairy farms with the help of vacuum tanks M. K. Baranovs'kyi. Mekh. sil'. hosp. 11 no 1. 28-29 Ja '60

Optimum conditions for operating centrifugal milk cleaners. M Iskandarian Tekh v sel'khoz 20 no 1 34-36 Ja '60

DAIRYING—HANDBOOKS, MANUALS, ETC.

Handbook on dairying ("General aspects of dairying" by R. B. Davydov). Moloch. prom. 20 no. 12:34 D '59.

DAKHINI HINDUSTANI see Urdu language

DAMPING (MECHANICS)

Damping action of the non-lubricating friction force on vibrations with unsteady amplitudes N A. Pikulev Stroi. mekh i rasch sooi 1 no 6,47-49 '59

Theory of nonlinear dampers (shock and dry friction dampers). M. I. Feigin. Izv. vys. ucheb. zav.; radiofiz. 2 no. 4:607-625 '59.

Vibration-damping foundation for precise measurements. V S Shkalikov. Trudy VNIIM no 37:49-52 '59

DAMPNESS IN BUILDINGS

Effective methods for drying damp rooms. N. Artiushenko. Stroi. i arkhit 7 no 12;24-25 D '59.

DAMS

(see also subdivision under Tula Province, Ural Mountain region)

Calculating the uplift pressure on concrete dams taking into account permeability of concrete. S. F. Savinov. Gidr. stroi. 28 no. 4·10-42 Ap '59.

Eliminating old construction elements from earth-dam structures. V. S. Gvozdev, S. E. El'iasberg. Gidr. stroi. 28 no. 2 48-49 F '59.

New systems of dam units with a central two-sided water intake. S. I. Zinov'ev. Izv. AN Uzb. SSR. Ser. tekh. nauk. no. 6,91-99 '59.

Selecting efficient profiles of arch dams. M. G. Elbakidze. Gidr stroi. 29 no 12·20-22 D '59

DANCING see subdivision under Ukraine

DANIIL, ABBOT, d. 1122

The Arabs and Arabian culture in Palestine during the beginning of the 12th century as described in Abbot Daniil's "Journey"; from the history of Russo-Arabian relations V. D. Kuz'mina. Vest. ist. mir. kul't. no. 6: 82-87 N-D '59

DANUBE RIVER—HYDROELECTRIC POWER STATIONS

Rich natural resources of the Danube Valley P Dorin Nauka i zhyttia 8 no 10 57-58 O '58.

DANUBE VALLEY—NATURAL RESOURCES

Rich natural resources of the Danube Valley P Dorin Nauka i zhyttia 8 no. 10·57-58 O '58

DARGOM—IRRIGATION

On the history of Dargom. V. D. Zhukov. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4:55-56 '58.

DARGOMYZHSKII, ALEKSANDR SERGEEVICH, 1813-1869

The revival of "Stone guest." D. Rabinovich. Sov. muz. 24 no. 1:62-72 Ja '60.

DARIALI REGION—AVALANCHES

Causes of the formation and dynamics of snow avalanches in the Dariali region V. S. Chitadze. Trudy Inst. geofiz. AN Gruz. SSR 17;527-541 '58.

DARKLING BEETLES

Larvae of beetles of the tribe Platyopini (Coleoptera, Tenebrionidae) [with summary in English] N. G. Skopin. Zool. zhur. 38 no. 1:69-75 Ja '59.

DARVAZA RANGE—GEOLOGY, STRUCTURAL

Geomorphology of the southern Darvaza. O. K. Chediia. Trudy AN Tadzh. SSR 99:5-18 '58.

DARWIN, CHARLES ROBERT, 1809-1882

Bakharev, A. N. [Darwin and Michurin] Darvin i Michurin. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 142 p.

C Darwin as the introducer of the combined historical and experimental method, on the one-hundredth anniversary of the publication of C. Darwin's work "Origin of species" [with summary in English]. L. E Khod'kov. Vest LGU 15 no. 9 51-63 '60

Charles Darwin and the Moscow Naturalists' Society. I D. Strashun. Biul MOIP. Otd biol 64 no. 4·53-60 Jl-Ag '59.

Charles Darwin; on the hundredth anniversary of the publication of his "Origin of species." I. A. Raikova. Uzb. biol. zhur. no. 5;3-10 '59.

Charles Darwin's botanical works. E. A. Khuhanava Vestsi AN BSSR Ser. biial nav no. 4,18-22 '59.

Charles Darwin's contribution to plant physiology. M. A. Liubyns'kyi. Ukr. bot. zhur. 16 no. 5·28-40 D '59.

Charles Darwin's creative methods M. V Turbin Vestsi AN BSSR. Ser biial. nav no 4 10-17 '59

Charles Darwin's literary legacy. S. L. Sobol'. Izv. AN SSSR. Ser biol. 24 no. 6:921-928 N-D '59.

Immortal teaching of the great naturalist-materialist. D. Biriukov. Fiziol. zhur. 45 no. 12·1514-1515 D '59.

Lamarck, Darwin, and modern biology. N. I. Nuzhdin Agrobiologiia no. 6:803-811 N-D '59.

Memorial to a great naturalist; on the completion of the publication of the "Works" of Charles Darwin. P. A. Baranov, D. V. Lebedev. Vest. AN SSSR 30 no. 4:149-152 Ap '60.

The problem of fertilization in Charles Darwin's works. IA. S. Modylevs'kyi. Ukr. bot. zhur. 16 no. 5,41-47 '59.

Significance of Charles Darwin's works for the development of plant physiology TS M Rodnen Vestsi AN BSSR. Ser. biial nav no 4 5-9 '59.

DARYALYK VALLEY—SOIL CHEMISTRY

Changes in the chemical properties of takyr soils on ancient oases of the Kunya-Darya Plain following discontinuation of irrigation. G. M. Konobeeva. Uzb. biol. zhur. no. 5·62-69 '59.

DATOLITE see subdivision under Pamirs

DAVIS STRAIT—OCEAN CURRENTS

Some features of hydrological conditions in the Davis Strait, the Labrador Basin, and the Grand Banks area. D. V. Bogdanov. Trudy GOIN no. 37:241-241 '59.

DAY NURSERIES

(see also subdivision under Ukraine)

In day nurseries and in the family. V. Dobrchitsor. Som'ia i shkola' 14 no. 12;7-8 D '59.

This is very important. I. R. Kliucharova Doshk vosp 33 no. 1;46-48 Ja '60.

With the aid of local councils. M. V. Fedin Sov. zdrav 19 no. 1:17-20 '60

DEAF

(see also subdivision under China)

Discouraging results. S. Atasov. Zhizn' glukh. 12 no. 11:16 N '59.

Follow-up on editor's mail. Zhizn' glukh. 12 no. 12·18 D '59.

From the pages of the foreign press. Zhizn' glukh. 12 no. 12·23 D '59.

Gamboling pigeons. T. Glukharev. Zhizn' glukh. 12 no. 11:18 N '59.

Housewarming in houses that we built. I. Pal'tsin. Zhizn' glukh. 12 no. 11:8 N '59.

Initiative should be encouraged. V. Lisov. Zhizn' glukh 12 no. 11:10 N '59.

Welcome, the year 1960. Zhizn' glukh. 12 no. 12:1 D '59.

DEAF—EDUCATION

(see also subdivision under Bulgaria; Kalinin Province; Minsk Province; Moscow)

I taught nine "isolates" how to read. A. Arapova. Zhizn' glukh. 12 no. 11:12 N '59.

Our claim to the State Publishing House for Pedagogical Literature. I. Prokopovich and others. Zhizn' glukh. 12 no. 12;12-13 D '59.

Our great friend. A. I. D'iachkov. Zhizn' glukh. 12 no. 12:15 D '59.

A reader goes away satisfied. M. Zaaidkhanova. Zhizn' glukh. 12 no. 12:13 D '59.

They are from a Higher Trade-union School. V. Sungurov. Zhizn' glukh. 12 no. 12;12 D '59.

A word from a father. P. Sviridenko. Zhizn' glukh. 12 no. 12:13 D '59.

DEAF—EMPLOYMENT

(see also subdivision under Kursk Province; Leningrad; Moscow; Novozybkov District; Pskov Province; Rostov-on-Don; Zlatoust)

Forty-two triumphal years. Zhizn' glukh. 12 no. 11:1 N '59.

Let's improve planning. Zhizn' glukh. 12 no. 11:2 N '59.

DEAF—MEANS OF COMMUNICATION

Alarm clock for the deaf. R. Guseinov. Zhizn' glukh. 12 no. 12;12 D '59.

The "mutes" will talk well. I. A. Sokolianskii. Zhizn' glukh. 12 no. 12;20 D '59.

DEAF—PERIODICALS

Subscription to our periodical. Zhizn' glukh. 12 no. 11: 22 N '59.

DEAF—SOCIETIES, ETC.

(see also subdivision under Artem; Bobrov; Essentuki; Krasnoyarsk Province; Kuz'minki; Stavropol Territory; Vladimir Province; Voronezh Province)

Fortieth anniversary of the theater of pantomime and mimicry. A. IAmpol'skaia. Zhizn' glukh. 12 no. 11: 14 N '59.

Training the staff of the society. IU. Zdanov. Zhizn' glukh. 12 no. 11:9 N '59.

Welcoming the year 1960. IU. Pashaev, IU. Kiselev. Zhizn' glukh. 12 no. 11:12d N '59.

DEAFNESS

Aleksandrov, I N. [Hearing disorders and deafness; prevention and treatment] Tugoukhost' i glukhota, preduprezhdenie i lechenie Izd. 2. Moskva, Gos. izd-vo med. lit-ry, 1959. 34 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Changes in hearing and the vestibular function in brucellosis [with summary in English] IU. P. Tolstov. Vest. otorin. 21 no. 6 24-29 N-D '59.

DEAFNESS, INSTRUMENTS FOR see Hearing aids

DECANOIC ACID

Studying the reactions of certain intermediate products in the process of liquid phase oxidation of octadecane. I. V Berezin, A. M. Raginova. Dokl. AN Azerb. SSR *15 no. 11:1015-1017 '59.*

DECAPODA (CRUSTACEA)

Chemical composition of some decapods from northern and Far Eastern seas according to data of spectroscopic analysis [with summary in English] Z I Koblakova, F IA. Saprykin Vest LGU 15 no 9 130-135 '60

DECCAN PLATEAU—ROCKS, IGNEOUS

Petrographic characteristics of Deccan traprocks. R. B. Barstov. Dokl. AN Tadzh. SSR 2 no. 4:3-5 '59.

DECEMBRISTS

Bibliography of the Decembrist movement ("The Decembrist uprising" by N. M. Chentsov). Prep. ist. v shkole 14 no. 6:113 N-D '59.

A document showing foreign reactions to the movement of the Decembrists V O Borys. Ukr. ist. zhur 3 no. 6: 116-118 N-D '59

DECORATION AND ORNAMENT

Soviet decorative glass. N. V. Voronov. Vest. ist. mir. kul't. no. 6:97-105 N-D '59.

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Baku

DECORATION AND ORNAMENT, AZERBAIJAN

Principles of ornamental compositions and solving the decors of household goods. A. Kaziev. Isk. Azerb. no. 6:78-136 '59

DECORATIONS OF HONOR

High awards. Bibliotekar' no. 5:7-8 My '60.

DECORATIVE ART see Art, Decorative

DEEP DRAWING (METALWORK)

Production of thick-walled titanium pipe blanks. V. V. *Shveikin*, A. G Stukach, V. D. Bykov. Izv. vys. ucheb. zav , tsvet. met 2 no. 6:178-184 '59

Stains in the elasticity zones of the deformation center and the friction factor during the deep drawing of pipes. *M. Z Ermanok* Izv vys ucheb. zav. , tsvet. met 2 no. 6:166-177 '59.

DEEP-SEA DEPOSITS

(see also subdivision under Caspian Sea; Pacific Ocean)

Chemical composition of interstitial waters in the Pacific Ocean O. V. Shishkina. Trudy Inst. Okean. no. 33:146-164 '59.

Determination of different sulfur compounds in marine sediments. I. I. Volkov. Trudy Inst. Okean. no. 33:194-208 '59.

Organic matter in the liquid phase of sediments in the northwestern part of the Pacific Ocean. N. D. Starikova. Trudy Inst. Okean. no. 33:165-177 '59.

Sulfates in interstitial waters of the Black Sea. O. V. Shishkina. Trudy Inst. Okean. no. 33:178-193 '59.

DEER, FOSSIL see subdivision under Vinnitsa Province

DEFENSES, NATIONAL see also subdivision '*Defenses*' under Germany, West; Italy; Japan; Latin America; Norway; United States; West Irian

DEFORMATION OF SURFACES see Surfaces, Deformation of

DEFORMATIONS (MECHANICS)

Angular deformations in welding massive structures. V. A. Kirillov. Svar. proizv. no. 1:7-9 Ja '60

Certain physical characteristics of defects arising in the deformation of a metal. S. D. Hertsriken, M. M. Novikov. *Ukr. fiz. zhur.* 4 *no. 4* 527-530 Jl-Ag '59.

Convergence of general test results on the resistance to plastic deformation in shipbuilding steel. V. A. Bykov and others. Trudy LKI no. 16:50-55 '55.

Deformations and forces in closed piercing. I. IA. Tarnov*skii, O. A*. Ganago, R. A. Vaisburd. Izv. vys. ucheb. zav. , chern. met. no. 4:99-108 '60.

Deformations and strains in *transverse forging.* L. N. Oklei, D. M. Lomsadze. Izv. vys uchev. zav ; chern. met no 3:44-60 '60.

Distribution of crystal lattice defects along the diameter of the specimen in various types of deformation S. D. Hertsriken, M. M. Novykov. V. S Kopan'. Ukr fiz. zhur 4 no 4 530-531 Jl-Ag '59

Forces and the center of deformation in the production of curved shapes on roll forming machines. V. M Grebenik. Izv vys. ucheb. zav. , chern met. 2 no 8: 135-141 Ag '59.

Investigating deformations and forces in forging on ring pads. I. IA Tarnovskii, O. A Ganago, R. A Vaisburd. Izv vys ucheb. zav. , chern met. 2 no 8:55-67 Ag '59.

Large-scale sagging of plates in one particular case of bending edges fastened asymmetrically in relation to the center. V. A. Postnov Trudy LKI no 16 21-33 '55.

Method of rupture solutions and its accuracy. V. L. Kolmogorov Izv. vys uchev. zav. ; chern met. no. 3: 26-29 '60.

Methods of graphic analysis of plastic deformation of n-layer solids. G. E Arkulis. Izv. vys. uchev. zav ; chern. met no 3:22-25 '60

Microstresses arising in metals in connection with plastic deformation Part 2. D. M Vasil'ev. Fiz. tver. tela 1 no 11:1736-1746 N '59.

Oscillographic study of the deformation of steel test pieces in the flow plateau. E. E. Brainin. Zav. lab no. 11:1366-1368 '59

Regularities of nonuniform deformation during upsetting. IA. M. Okhrimenko. Kuz. -shtam. proizv. 1 no. 12:1-5 D '59.

Resistance of metals to deformation during phase transformation V N. Hridnev, V M Minakov, V. I Trefilov. Ukr fiz. zhur. 4 no. 4 526-527 Jl-Ag '59

Revealing the regularities of uniform, simultaneous plastic deformation of dissimilar metals G E. Arkulis Izv. vys uchev. zav. , chern. met no 3:30-36 '60

Strain and metal flow in certain problems of volume reduction and shape rolling. K. N. Shevchenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 63-71 Mr-Ap '60.

Studying the characteristics of metal flow during rolling. *N M San'ko* Izv vys ucheb zav , chern met. no 4: 113-120 '60.

Testing the self-diffusion property of metals. Z. M. Rubashkina. Izv. vys. ucheb. zav. , prib. no. 3:141-147 '59.

X-ray investigation of distortions in the crystal structure *of the surface layer* of metals under the effect of power cutting. A. Alyhakov, IU. S. Terminasov. Trudy LPI no. 28:113-121 '59.

Wear as a result of cyclic deformation of surface layers. I. V. Kragel'skii Izv. vys. ucheb. zav. , *fiz. no. 5:119-127* '59

DEGENERATION

Degeneration and its sources. K. Shatykau. *Belarus'* 16 no. 12:29 D '59.

DEGLUTITION

Significance of the act of food swallowing for the intensity of digestive processes in fishes. D. V. Kratukhin Vop. ikht. *no. 12:133-137* '59.

DEGTYARKA REGION (URAL MOUNTAINS)—CHALCOPYRITE

Genesis of the Degtyarka copper pyrite deposit in the central Urals. A. N. Fenogenov. Izv. vys. ucheb. zav. ; geol. i razv. 2 no. 8:98-115 Ag '59

DEHYDROGENASES

Effect of cobalamine on dehydrogenase activity in tissues of rabbits under normal conditions and in a state of hypothermia [with summary in English] IU V. Lakhno, R. V Chahovets'. Ukr biokhim zhur 31 no 5:601-609 '59.

DEHYDROGENATION

Catalytic dehydrogenation of isopropylbenzene. O. K. *Bogdanova*, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 132 no. 2:343-345 My '60.

Dehydrogenation of hydrocarbons on alumina-chromic *catalysts* containing some metal oxides. E. A. Timofeeva and others. Izv. AN SSSR Otd. khim. nauk. no. 3:480-483 '60.

Highly active nickel-alumina catalyst for dehydrogenating the hexamethylene ring. N. I. Shuikin, *E. D. Tulupova.* Izv. AN SSSR Otd. khim. nauk no. 4:700-710 Ap '60.

Pyrazoles. Part 7: Dehydrogenation of phenylpyrazolines *having* their functional groups in the benzene ring. I. I. Grandberg, Ting Wei-piu, A. N. Kost. Zhur. ob. khim. 30 no. 4:1373-1377 Ap '60.

DEKABRISTS see Decembrists

DELHI—LAND TENURE

The agrarian structure of the Delhi Sultanate in the 13th and 14th century. R. Z. Ashrafion. *Uch. zap. Inst. vost.* 20:3-50 '59.

DELIVERY OF GOODS (LAW)

"Legal problems relating to the strict *execution* of contacts in the U. S. S. R." by V. K. Raikher. Reviewed by O. N. Sadikov, V. M. Desiatkov. Izv. vys. ucheb. zav. , prav. 3 *no. 4:151-152* '59.

New regulations on the delivery of goods. G. Shapkina. Sov. iust. no. 12:26-31 D '59.

"Problems of the quality and complete delivery of goods in the practice of government arbitration agencies" by M. IA. Lapirov-Skoblo Reviewed by M Fal'kovich, Z Fridman. Sots zakon 26 no 12 76 77 D '59

DEMCHENKO, NADEZHDA VLADIMIROVNA

Nadezhda Vladimirovna Demchenko. Prep. ist. v shkole 14 no. 6:33-34 N-D '59.

DEMENTIA PRAECOX see Schizophrenia

DEMOCRACY IN EDUCATION see Self-government (in education)

DEMOGRAPHY

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Problems of demographic statistics; collection of articles] Problemy demograficheskoi statistiki; sbornik statei. Pod red. V. S. Nemchinova. Moskva, Gos. stat. izd-vo, 1959. 394 p.

The *socialist* population law IA G. Rakov Sbor. nauch rab Bel politekh inst no. 52 30-53 '55

DENEZHKIN KAMEN' REGION—BOTANY

New localities of relict calcareous flora in the Northern *Urals. A. P. Khokhriakov.* Bot. zhur. 44 no. 12: 1727-1730 D '59.

DENITRIFICATION see Nitrification

DENMARK—HOUSING

Review of V. V. Poliakov's book "Housing in Denmark." R A. Dudlevich. Zhil. stroi. 21 no. 12:30 D '59

DENMARK—MOTION PICTURES, DOCUMENTARY

Get up and act! (Interview with Jorgen Roos). Isk. kino no. 11 112 N '59.

DENMARK—RELATIONS (GENERAL) WITH RUSSIA

We take away clear impressions. L. Pavlova Sov krest 0 no 6 20-20 N-D '59.

DENMARK—SOCIAL CONDITIONS

Extensive trip ("Hello, Denmark!" by Fish Reviewed by L. Chechkova) Vokrug sveta no. 1:62 Ja '60

DENMARK, STRAITS OF—HYDROLOGY

Salt exchange through the straits of Denmark and its effect on long-term salinity variations in the Baltic Sea. I. M. Soskin. Trudy GOIN no. 17:14-31 '59.

DENSITOMETERS

Investigations and laboratorial testing practices of radioactive densitometers. L. IA. Ovchinnenko. Tsvet. met. 32 *no. 12:8-13 D '59.*

Simple method of determining the peak density of powder metals. R. A. Andrievskii. Vop. por. met. i proch. mat. no. 6 29-31 '58.

Use of piezometric regulators of pulp density at the Krivoy Rog Southern Mining and Ore Dressing Combine. P. N. Dutchenko. Gor. zhur. no. 1:70-71 Ja '60.

DENSITY see specific gravity

DENTAL NERVES see Nerves, Dental

DENTAL PLASTER CASTS see Plaster casts, Dental

DENTAL PROSTHESIS

Exostoses of the lower jaw and prosthesis in relation to them. V. E. Zhukov. Stomatologiia 38 *no. 6:67-68* N-D '59.

Prosthesis for a child with toothless gums. IU. M. Aleksandrova. Stomatologiia 38 no. 6:70 71 N-D '59.

Use of agar hydrocolloidal plastic material in dental prosthesis. IU. A. Fedorov Stomatologiia 38 no. 6:59-60 N-D '59.

DEPOLYMERIZATION

Stability to depolymerization of *viscous additives in thick*ened oils. N. I Kaverina, E G. Semenido, N. V. Shchegolev. Khim. i tekh. topl i masel 5 no. 1:43 47 Ja '60.

DEPRESSION, MENTAL

Changes in the bioelectric mosaic of the cerebral cortex in depressive patients treated with iprazid [with summary in French]. F. A. Leibovich. Zhur. nerv. i psikh. 59 no. 12:1470-1479 '59.

Treatment of depressive states with iprazid [with summary in French]. T. N. Morozova. Zhur. *nerv. i psikh.* 59 no. 12:1480-1484 '59.

Treatment of depressive states with iprazid [*with summary in French*]. A. K. Dobrzhanskaia. Zhur. nerv. i psikh. 59 no. 12:1485-1489 '59.

DERBENT—MALARIA

Results of malaria control in Derbent Daghestan. G. A Iskenderov. Med. paraz. i paraz. bol. 28 no 5 540 542 S-O '59.

DERIABIN, ANDREI FEDOROVICH, 1770-1820

A. F. Deriabin's report on the reorganization of mining in Russia. G. N. Man'kovskii. Trudy Inst. ist. est. i tekh. 25:44-83 '59.

DERMATOMYCOSIS

Main problems in the prevention of epidermophytosis [with summary in English]. V.A. Rakhmanov, I.M. Lindgren. Sov. med. 23 no.12·68-71 D '59.

DESCHAMPSIA

(see also subdivision under Altai Mountains)

Changes in certain biological characteristics of Deschampsia flexuosa Trin in cutover areas where hairgrass is predominant P.V Stal'skaia Izv vys ucheb zav ,les zhur 2 no 6 13-18 '59

DESERT FLORA see subdivision under Asia, Central

DESOXYRIBONUCLEASE

Determination of deoxyribonuclease by the viscosimetric method. K.I. Pravdina. Lab. delo 6 no.1,27-30 Ja-Fe-'60.

DESOXYRIBONUCLEIC ACID

Suppression of radiation depolymerization of desoxyribonucleic acids by substances inhibiting free-radical reactions. N M. Emanuel' and others Dokl. AN SSSR no.6 1451-1453 Ap '60

DESTROYERS (WARSHIPS)

Lifshits, A. L. [Destroyers] Eskadrennye minonostsy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 162 p.

DESULFURATION

Investigating the desulfuration process of petroleum coke by means of high-temperature calcining. A.V. Ivanov, V I. Krylov. TSvet. met. 32 no. 11,78-80 N '59.

Reducing the sulfur content in cast iron. M.A. Shapovalov, I S Kulikov. Metallurg. 4 no. 12 8-10 D '59.

Reductive desulfuration of some diamines of the thiophene series T.I. Santalova, P.A. Konstantinov, IA L. Gol'dfarb. Dokl. AN SSSR 131 no. 5:1102-1105 Ap '60.

Sulfur removal from slag by electrolysis. O.A. Esin, S I Popel', S.K Chuchmarev Izv vys ucheb. zav , chern met. no. 3:5-9 '60.

Temperature dependence of the rate of desulfuration of cast iron by slags of the system CaO - Al_2O_3 - SiO_2 [with summary in English] V V. Sosnin, O.V Travin, E N. IArkho Zhur fiz. khim 33 no 12:2652-2659 D '59.

DETECTORS, RADIO

Analysis of a phase detector with multiple frequencies. V.M. Safonov. Trudy MEI no. 31:113-133 '56.

Detection of radio pulses in the presence of harmonic oscillations. IU. P. Borisov. Trudy MEI no. 31·93-105 '56.

DEUTERIUM

Investigating deuterium in the sun [with summary in English]. A.B. Severnyi. Izv. Krym. astrofiz. obser. 16:12-44 '56.

Isolation of deuterium from hydrogen by the low temperature distillation method. M. P. Malkov and others. Kislorod 12 no. 6:1-13 '59.

Keenman's attempt to detect deuterium on the sun [with summary in English] A B Severnyi Izv. Krym astrofiz. obser 18:105-108 '58

Kinetic isotope effect in the hydrogen exchange in liquid ammonia. F S. IAkushin and others. Zhur. fiz khim. 33 no. 12·2821 D '59

Reversible hydride transfer and the reaction of isotopic exchange of hydrogen based on it. Z.N. Parnes, M.E. Vol'pin, D.N. Kursanov. Izv. AN SSSR Otd. khim. nauk no. 4:763 Ap '60.

DEVONA, KARIM

"In search of Karim Devona" by Khabibullo Nazarov Reviewed by IUrii Smirnov Moskva 3 no 9 198-200 '59

DEXTRAN

Effect of polyglucin on certain indicators of blood coagulation in dogs [with summary in English, p. 57] V B. Koziner Probl gemat i. perel. krovi 4 no 12·39-44 D '59

DEXTRIN

Balanced moisture content in some dextrins B. K Bychkov Sakh prom 33 no 12 50-51 D '59

DEXTROPIMARIC ACID

Separation of pure dextropimaric acid from P. silvestris oleoresin. I.I. Bardyshev, A.G. Sokolov, O.I. Cherniaeva. Zhur. prikl. khim. 31 no. 4:609-613 Ap '58.

DIABETES

Early detection and treatment of tuberculosis in diabetes mellitus patients [with summary in English] V P. Rudin Vrach delo no 11 1163-1167 N '59.

Excretory function of the stomach in diabetes mellitus patients before and after insulin treatment R. P. Makost. Vrach. delo no 11 1209 N '59.

Prevention of sugar diabetes. A.P. Preobrazhenskii. Zdorov'e 5 no. 12·18-20 D '59.

D'IACHENKO, VLADIMIR IVANOVICH, 1905-1957

In memory of V.I. D'iachenko, obituary. Med. paraz. i paraz. bol. 26 no. 6:757- N-D '57.

DIAD'KOVSKII, IUSTIN EVDOKIMOVICH, 1784-1841

I E. Diad'kovskii Selected works Reviewed by M. M. Abrashnev Sov zdrav 19 no 1 87-90 '60

DIAGNOSIS

[Problems of diagnosis and treatment; collection in honor of the 150th anniversary of the V.V. Kuibyshev Hospital] Voprosy diagnostiki i terapii, sbornik, posviashchennyi 150-letiiu bol'nitsy im. V.V. Kylbysheva. [Leningrad] Medgiz, 1958. 445 p.
(DNLM)

DIAGNOSIS, CYTOLOGIC

Abramov, M.G. [Cytologic diagnosis by the puncture method, diagnostic significance of cytologic analysis of punctates of the lymphatic nodes and organs] TSitologicheskaia diagnostika metodom punktsii, diagnosticheskoe znanchenie tsitologicheskogo issledovaniia punktatov limfaticheskikh uzlov i organov. Moskva, Medgiz, 1958 117 p.
(MnU)

DIAGNOSIS, RADIOSCOPIC

Radioscopic diagnosis of diaphragmatic hernias. I. M. Grinberg. Zdravookhranenie 2 no. 5,51-56 S-O '59.

"X-ray diagnosis of occupational diseases" by A. V. Grinberg. Reviewed by M I. Glikin. Klin. med. 37 no. 12 139-141 D '59

DIALECTIC

Gortari, Eli de. [Introduction to dialectical logic. Translated from the Spanish. Preface by E.K. Voishvillo] Vvedenie v dialekticheskuiu logiku. Moskva, Izd-vo inostr. lit-ry, 1959. 356 p.

Heterogenity of qualities and multiformity of the qualitative changes of things. P.D. Puzikov. Trudy Inst. filos. AN BSSR no. 1·21-53 '58.

Il'enkov, E.V. [Dialectic of abstract and concrete concepts in the "Capital" of Marx] Dialektika abstraktnogo i konkretnogo v "Kapitale" Marksa. Moskva, Izd-vo Akad. nauk SSSR, 1960. 284 p.

Lenin's conception of the dialectical nature of truth. S. B. TSereteli. Vop. filos. 14 no. 4:73-81 '60.

DIALECTICAL MATERIALISM

(see also subdivision under China, Georgia; Latvia)

Chagin, B. A. [From the history of V. I. Lenin's struggle for the development of Marxist philosophy] Iz istorii bor'by V. I. Lenina za razvitie marksistskoi filosofii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 288 p.

Dialectic, dialectical method and dialectical logic. M.N. Alekseev. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4·127-136 '59.

For a profound and thorough study of the philosophical legacy of Lenin. P. Kopnin Komm Ukr. 35 no. 11 75-79 N '59

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Dialectical materialism] Dialekticheskii materializm. Pod red. A.D. Makarova, A.V. Vostrikova i E.N. Chesnokova. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 470 p.

V.I Lenin and some problems in the history of Marxist philosophy K.T. Kuznetsov. Vop. filos. 14 no. 4:85-95 '60.

DIALECTS

Kursanov, G.A. [What is dialect] Chto takoe dialektika. [Moskva] Mosk. rabochii, 1960. 78 p. (Obshchedostupnaia bibliotechka po filosofii)

DIAMOND MINES AND MINING

Development of diamond mining in the U.S.S.R. G.A. Vvedenskii. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 9·22-37 N '59.

Treasure hunters. B Aleksandrov. Smena 36 no. 23: 12-13 D '59

DIAMOND POWDER

Recovering diamond powder by means of heavy suspensions (from "Industrial Diamond Review" no. 212, July 1959, no. 213, August 1959). G. F. Shvetsov. TSvet. met. 32 no. 12:92-93 D '59.

DIAMONDS

(see also subdivision under Siberia; Siberian Platform)

Genetic relationship between diamonds and carbonates found in kimberlites. V.S. Petrov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:13-20 '59.

DIAPHRAGM—HERNIA

Radioscopic diagnosis of diaphragmatic hernias. I. M. Grinberg. Zdravookhranenie 2 no. 5:51-56 S-O '59.

DIARIES

Hours of meditation. F. Vigdorova. Moskva 3 no. 10· 149-154 '59.

DIATHERMY

Case of fatal injury from an electric current following physical therapy. S.A Zhdanova. Sud.-med. ekspert 2 no. 1 49-51 Ja-Mr '59

DIATOMS

(see also subdivision under Black Sea, Shatsk District, Volyn' Province)

Biochemical investigation of two diatom species. G.P. Serenkov, M.V. Pakhomova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:39-46 '59.

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT

DICKENS, CHARLES, 1812-1870

Stylistic method of repetition in Charles Dickens' works. V.A. Kukharenko. Uch. zap. MGPIIA 19,273-292 '59.

DICKITE see subdivision under Tib region

DICOTYLEDONS

Akademiia nauk SSSR. Botanicheskii institut. [Dicotyledons] Moskva, Izd-vo Akad. nauk SSSR, 1959. 775 p. (Flora SSSR, vol. 23)

DIE CASTING

(see also subdivision under Minsk)

Operating conditions of a die casting machine with a horizontal pressure chamber. V. M. Belov. Lit proizv no 12 11-12 D '59

DIELECTRIC CONSTANTS

Elimination of errors in the measuring of dielectric losses in the presence of electromagnetic effects. M V. Lokshin, M. V. Khomiakov. Elek sta 30 no. 12:81 D '59.

Reply of the author. E. V. Kalinin. Elek. sta. 30 no. 12· 82 D '59.

Use of slow surface waves for the measurement of the dielectric constant of substances at high frequencies Part 3. V P Shestopalov, K. P IAtsuk, I P. IAkimenko Zhur tekh. fiz 29 no. 11:1330 1338 N '59

DIELECTRIC HEATING

Peculiarties of generators for dielectric heating B IA Zhukhovitskii Trudy MEI no 27 148-153 '58

DIELECTRICS

Build-up of electromagnetic waves in mutually penetrating, infinite, moving media [with summary in English] G G. Getmantsev. Zhur. eksp. i teor. fiz. 37 no. 3:843 846 S '59.

Quantum theory of the spatial dispersion of electric and magnetic susceptibilities [with summary in English]. O.V. Konstantinov, V.I. Perel'. Zhur. eksp. i teor. fiz 37 no. 3·786-792 S '59.

Spiral wave guide with an artificially anisotropic dielectric. Part 1 [with summary in English] IA B. Fainberg and others Ukr fiz zhur. 4 no. 4,451 Jl-Ag '59

Spiral wave guide with an artificially anisotropic dielectric. Part 2 [with summary in English] A.K Berezin and others. Ukr fiz zhur. 4 no 4 460-464 Jl-Ag '59

Technical consultations Avtom telem i sviaz' 3 no. 12 42 D '59.

Theory of artificially anisotropic dielectrics. F.G. Bass Izv. vys. ucheb. zav.; radiofiz. 2 no. 4,656-658 '59.

Using a method which involves a variable reactive load for measuring dielectric properties of materials. V.I Aksenov. Radiotekh. i elektron. 5 no. 5:771-781 My '60.

DIES (METALWORKING)

Determining the dimensions of cold-upsetting die parts. E.A. Gumeniuk. Kuz.-shtam. proizv. 1 no. 12·18-21 D '59.

Spatial contact problem for an elliptical die with a base surface represented by polynomial [with summary in English]. V.I. Dovnorovich. Inzh.-fiz. zhur. no. 1:117-123 Ja '60.

DIES (METALWORKING)—MAINTENANCE AND REPAIR

Fixing replacement impression inserts in dies for hot forging by means of balls. F.Sh. Rabancev. Kuz.-shtam. proizv. 1 no. 12:44 D '59.

DIESEL ELECTRIC POWER PLANTS

Mobile DPES-20 diesel electric stations. M.N. Uietrov. Rech. transp. 18 no. 11:45 N '59.

DIESEL ENGINES

(see also subdivision under Bol'shoy Tokmak, Czechoslovakia)

How the fuel system of diesel engines operates. B. Pavlov Tekh. v sel'khoz. 20 no. 1·87-91 Ja '60.

How to prolong the life of diesel engine parts and reduce oil consumption. V. Goncharenko Tekh. sov kolkh., RTS, sovkhoz. 20 no. 21:1-9 N '59.

Order of establishing categories and types of operations in each; what a mechanic should know about the fuel system of diesel engines. Sel'. mekh. no. 12:18-20 '59.

Reasons for the unsteady performance of oil sprayers of DT-54 and "Belarus'" diesel tractors. S. Aksenov Tekh sov. kolkh , RTS, sovkhoz. 20 no. 21·10-11 N '59

Repair and regulation of the lubrication system of D-54 engines. V. R. Hubko. Mekh. sil'. hosp. 11 no. 1:17-19 Ja '60.

Standardization of injector nozzles of medium power marine diesel engines, diesel locomotives and stationary diesel engines. L.G. Gal'perovich. Energomashinostroenie 5 no. 11:42-41 N '59.

DIESEL ENGINES—COOLING

Average temperature pressure for a crossflow of working liquids. E. A. Sitnikov. Vest. TSNII MPS 19 no 1 50-52 '60.

Investigating the cooling system of the IAAZ-204 diesel engine. A. A. Nizkov. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6:65-76 '58.

DIESEL ENGINES—FUEL SYSTEMS

Investigating wear of fuel apparatus parts of diesel locomotives and selecting efficient methods to increase their life. V.A.Chervenkevich. Trudy MIIT no.110: 78-99 '59.

New design of the plunger pair for the fuel pump of D50 diesel locomotives. A.I.Il'in. Trudy MIIT no.110: 100-118 '59.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Using radioactive isotopes for investigating engines. R.A. Stepaniants. Mekh.i elek.sots.sel'khoz. 17 no.6:13-18 '59

DIESEL ENGINES—TESTING

Accelerated method for testing the wear of engines. A.S. Gal'perin. Mekh.i elek.sots.sel'khoz. 17 no.6:10-11 '59.

DIESEL FUELS

Hydrofining of oil shale diesel fuel. E.V Glushenkova, M.O Prele. Trudy VNIIT no.8 134-141 '59

Low temperature oxidation products in diesel fuels. B.A.Englin and others. Zhur.prikl.khim. 32 no.12: 2733-2740 D '59.

Solar oil-bentonite mixtures. Neftianik 4 no.12:30 D '59.

Use of diesel fuels. D.M.Aronov. Khim.i tekh.topl.i masel 5 no 1;63-68 Ja '60

The V2-300 operates on casing-head gas. IA.M Gorlatnov. Neftianik 3 no.10 8-9 O '58.

DIESEL FUELS—ANALYSIS

Group analysis of sulfur compounds in diesel fuels. I.A. Rubinshtein, Z.A.Kletmenova. Khim.i tekh.topl.i masel 5 no 1;53-57 Ja '60

DIESEL FUELS—TESTING

Determining the critical compression ratio in the IT9-3 one-cylinder engine. M.I Borisov, IU.A Syrtin. Khim.i tekh.topl.i masel 5 no 1:57-58 Ja '60

DIESEL LOCOMOTIVES

ChME2 diesel switch locomotive. A.S. Bol'shakov. Elek.i tepl.tiaga 3 no 12:39-42 D '59.

Concentration and composition of dust in the working air before entering the air filter of the diesel locomotive. L.A. Pivovarov, V.N.Sologubov. Trudy MIIT no.110 26-47 '59.

How to replace damaged liquid-expansion thermometers and pressure gauge by electric ones. A.F Nazarov. Elek.i tepl.tiaga 4 no 1 40 Ja '60

Increasing the power of diesel locomotive generators by improvement of their ventilation. K.I.Rudaia, G.M. Kovalev, V.D.Kuz'mich. Trudy MIIT no.110:5-25 '59.

Mikheev, A.P., IA.V.Shokatal', and V.A.Dmitriev. [Effectiveness of electric and diesel traction in railroad transportation] Effektivnost' elektricheskoi i teplovoznoi tiagi na zheleznodorozhnom transporte. Moskva, Gosplanizdat, 1960. 302 p.

Studying the possibilities for increasing the life of the piston rings of an engine. A.I.Markovin. Trudy MIIT no.110:100-121 '59.

Two-cycle diesel engine operating on natural gas. P.N. Ageev, A.I Zhebrovskii. Zhel.dor.transp. 41 no.12: 44-46 D '59.

DIESEL LOCOMOTIVES—COOLING

Regulating the friction coupling of the cooler fan. V.A Kupel'nikov. Elek.i tepl.tiaga 4 no.1 16-17 Ja '60

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

How to locate groundings in the control circuits of diesel locomotives. V.P Savel'ev. Elek.i tepl.tiaga 3 no.12 42-43 D '59.

DIESEL LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Methods of laboratory testing of diesel locomotive air filters. M G.Makhnen'ko, L.A.Pivovarov. Trudy MIIT no.110 48-59 '59.

DIESEL LOCOMOTIVES—FUEL SYSTEMS

How to eliminate diesel fuel losses on TE3 diesel locomotives. A.P.Kozlov. Elek.i tepl.tiaga 3 no.12 25 D '59.

New design of an oil pressure relay. V.N.Shikhalev, I.G. Sidorchenko. Elek.i tepl.tiaga 3 no.12,24-25 D '59

DIESEL LOCOMOTIVES—LUBRICATION AND LUBRICANTS

Factors affecting the consumption of lubricating oils in diesel locomotives. S I.Sevast'ianov. Trudy TSNII MPS no.180,79-113 '59.

Selecting diesel lubricating oils and estimating their quality during the operation of diesel locomotives. V.A. TSaregradskii. Trudy TSNII MPS no.180 43-78 '59.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Cleaning oil sections of coolers without dismounting them from the diesel locomotive. A.P.Tret'iakov and others. Trudy MIIT no.110 125-150 '59.

Reconditioning of fuel tubes. P.A.Rassadin. Elek.i tepl.tiaga 4 no 1 17 Ja '60

Repair of the hydromechanical reduction gear of the TE2 diesel locomotive. L.V.Klimenko, N F. Alekseenko. Elek.i tepl.tiaga 4 no.1 28-29 Ja '60.

DIESEL LOCOMOTIVES—OIL FILTERS

Centrifugal oil filters on diesel locomotives. G.A.Sofronov. Trudy MIIT no.110:60-77 '59.

DIET

Influence of various food and drink regimens on the water and salt metabolism and blood at high temperatures. U.S. Makhmudov. Izv AN Uz SSR Ser med no 6,7-11 '59

DIET IN DISEASE

Advice on an enriched diet. I.Ganetskii. Obshchestv.pit. no.10:55-58 O '59.

Bookshelf. Zdorov'e 6 no 1:32 Ja '60.

Diet in liver diseases. I.Ganetskii. Obshchestv.pit. no.11:52-54 N '59.

DIETHYLAMINE

Reaction between 1-phenyl-3-methyl-3,4-epoxy-1-butyne and diethylamine. T.Ilomets. Zhur.ob.khim. 30 no 4: 1100-1103 Ap '60.

DIETZGEN, JOSEPH, 1828-1888

V.I.Lenin's marginal notes on "Minor philosophical works" by J.Dietzgen. N.P.Kotlkov. Vop filos. 14 no.4:130-143 '60.

DIFFERENCE EQUATIONS

Behavior of solutions of a system of difference equations in the vicinity of a fixed point. A.M Panov. Izv vys ucheb zav mat no 5 174-184 '59

Coefficient stability of difference circuits. A.N.Tikhonov, A.A.Samarskii. Dokl.AN SSSR 131 no.6: 1264-1267 Ap '60

Self-conjugation of difference operators with operator coefficients [with summary in English]. V.H.Taranopol's'kyi. Dop AN URSR no 11:1190-1192 '59

Using the asymptotic method of N.M.Krylov and N.N. Bogoliubov for quasilinear differential difference equations. V P Rubanik. Ukr mat.zhur. 11 no 4:440-450 '59.

DIFFERENTIAL CALCULUS *see* Calculus, Differential

DIFFERENTIAL EQUATIONS

Approximate expression for solutions of certain differential equations with retarded argument. P.A.Murav'ev. Sbor.nauch.trud.IEI no.8 8-23 '59.

Asymptotic behavior of solutions to multidimensional systems of ordinary differential equations having a singular point of higher order. A.A.Shestakov. Dokl. AN SSSR 131 no.5:1038-1041 Ap '60

Basis for the method of successive reduction of the order of systems of ordinary differential equations [with summary in English] I M.Kozlov. Dop AN URSR no.12: 1296-1300 '59

Cauchy problem in the large for certain nonlinear differential equations of the first order. S N.Kruzhkov. Dokl.AN SSSR 132 no 1 36-39 My '60.

Continuous dependency of solutions on initial conditions. A.F.Filippov. Usp.mat.nauk 14 no.6:197-201 N-D '59.

Differential equations of the motion of mechanical systems. V.S Zhitov. Izv vys.ucheb.zav.; mashinostr. no.5: 3-10 '59

Energy inequalities for some classes of mixed equations. IU.M Berezanskii. Dokl AN SSSR 132 no 1 9-12 My '60

Enumeration system of differential equations containing variable parameters. O.A.Zhautykov. Mat.sbor 49 no 3:317-330 N '59.

Existence and uniqueness of a periodic integral set of a system of differential equations with a small parameter with derivatives [with summary in English]. K.V.Zadyraka. Dop.AN URSR no.9:1160-1164 '59.

Extension of Floquet's theorem to nonlinear equations (with summary in English). A.A.Shatabanov. Ukr. mat.zhur. 11 no 4:413-430 '59.

Free boundary problem for the heat conduction equation. T.D.Ventsel'. Dokl.AN SSSR 131 no.5:1000-1003 Ap '60.

General systems of differential equations. I. R Volovich Dokl AN SSSR 132 no.1 20-23 My '60

Invariant surfaces of a system of two differential equations. V.A.Pliss. Dokl.AN SSSR 131 no.5:1022-1024 Ap '60.

Letter to the editor. G.E.Shilov. Usp.mat.nauk 14 no.6: 246 N-D '59.

Letter to the editor. S.Lozinskii. Izv.vys.ucheb.zav.; mat no 5:222 '59.

Nonlinear differential equations of automatic control systems with one regulating element [with summary in English]. V.A.IAkubovich. Vest.LGU 15 no.7:120-153 '60

Nonoscillation of solutions of nonlinear differential equations of the 3d and 4th orders. E S Chichkin. Izv vys ucheb zav.; mat no 5 219-221 '59

Numerical and graphical method for solving boundary value problems for ordinary differential equations of the second order. A G Anisimov. Izv.vys.ucheb.zav., mat no 5 10-17 '59

Numerical integration of equations for a laminar boundary layer. I.V.Petukhov. Dokl.AN SSSR 132 no.2:307-310 My '60.

Optimum control of nonlinear systems. N.N Krasovskii. Izv.vys ucheb zav.; mat. no.5 122-130 '59

Oscillations of a pendulum subjected to dry friction. E.A Barbashin, V.A Tabueva. Izv vys.ucheb zav.; mat no 5 16-27 '59

Periodic integral manifold of a nonlinear system of differential equations with a small parameter containing derivatives [with summary in English]. K V Zadiraka. Ukr mat zhur. 11 no 3 243-250 '59

Periodic solutions of systems of nonlinear differential equations with nondifferentiable right members (with summary in English). IU.A.Mitropol'skii. Ukr.mat zhur. 11 no 4:366-379 '59.

Problem of constructing bilateral approximations for the real values of a one-dimensional boundary problem [with summary in English]. IU.S.Muravs'kyi. Dop AN URSR no.10:1047-1050 '59.

Solutions of the equation [illegible] A N Cherkasov Izv vys ucheb zav.; mat no 5 208-218 '59

Some remarks on the asymptotic behavior of solutions of difference equations. V.IA Urm. Dokl.AN SSSR 132 no.1 56-58 My '60.

Stability of solutions of systems of nonlinear differential equations [with summary in English] O B Lykova Ukr mat zhur 11 no 3 251-255 '59

Stability of some nonlinear systems of differential equations [with summary in English] B.N.Skachkov Vest LGU 15 no.7:164-167 '60.

Systems of ordinary differential equations with an explicit periodic dependence on the argument. A A.Shatabanov. Dokl AN SSSR 132 no.1 67-70 My '60.

Thermodynamics of gases and differential equations. S.K. Godunov. Usp.mat.nauk 14 no.5:97-116 S-O '59.

Work of Soviet mathematicians on the analytical theory of differential equations. N.P Erugin. Trudy Inst fiz i mat. AN BSSR no.3:62-71 '59

DIFFERENTIAL EQUATIONS, LINEAR

Asymptotic solution of a inhomogeneous differential equation of the second order with a transition point and the application of this solution to the design of toroidal shells and blades. S.A.Tumarkin. Prikl.mat.i mekh. 24 no.6:1083-1091 N-D '60.

Characteristic indices for solutions of linear differential equations of the second order with periodic coefficients. I.M.Mukhtasov. Prikl.mat.i mekh. 23 no.6:1068-1077 N-D '59.

Determination of a group of linear differential equation of the second order. L.V.Ovsiannikov. Dokl.AN SSSR 132 no 1,44-47 My '60.

Periodic solutions of systems of nonlinear differential equations close to automatic [with summary in English]. IU.O.Mitropol's'kyi, O.B.Lykova. Dop.AN URSR no.11:1175-1179 '59

Solving linear differential equations of the n-th order with constant coefficients and retarded argument by means of an operational method. P.A.Murav'ev. Sbor. nauch trud.IEI no.8 24-37 '59.

DIFFERENTIAL EQUATIONS, PARTIAL

Asymptotic behavior of Green's function in Cauchy's problem for systems correct according to Petrovskii and involving two variables at t → + 0, x → ∞. M V.Fedoriuk. Dokl AN SSSR 132 no 1 63-66 My '60

Asymptotic properties of solutions to parabolic equations. IU.N.Cheremnykh. Izv.AN SSSR.Ser.mat. 23 no.6; 913-924 N-D '59.

Behavior of solutions to the Cauchy problem with time increasing indefinitely in the case of quasi-linear equations encountered in the theory of burning. IA.I. Kanel'. Dokl.AN SSSR 132 no.2:268-271 My '60.

Boundary value problem for one class of quasilinear equations and elliptic systems. T B Solomiak. Izv. vys ucheb zav.; mat no 5 181-186 '59.

Cauchy problem for certain types of systems of partial linear equations with variable coefficients and parabolic according to Shilov. IA.I.Zhitomirskii. Izv.AN SSSR. Ser.mat. 23 no.6:925-932 N-D '59.

Estimates in L_2 for solutions of linear elliptic and parabolic systems. Part 1: Estimations of solutions of an elliptic system [with summary in English]. I. N.Slobodetskii. Vest.LGU 15 no 7:20-47 '60.

Growth of the solution of a mixed problem in the case of partiality of eigenfunctions. K.V.Brushlinskii. Izv. AN SSSR.Ser.mat. 23 no.6:893-912 N-D '59.

Local properties of solutions of partial differential equations with constant coefficients. G.E.Shilov. Usp.mat. nauk 14 no.5:3-44 S-O '59.

Mixed problem with an oblique derivative for a parabolic equation of second order. B.IA.Lipko. Dokl.AN SSSR 132 no.2:279-282 My '60.

Panov, D.IU. [Manual on the numerical solution of partial differential equations] Spravochnik po chislennomu resheniiu differentsial'nykh uravnenii v chastnykh proizvodnykh. Izd.5. Moskva, Gos.izd-vo tekhniko-teoret.lit-ry, 1951. 182 p.
(WU)

Partial differential equation and monogenic hypercomplex functions. V.S Fedorov. Ukr.mat.zhur. 11 no.4: 450-455 '59.

Reduction of Cauchy's problem for a system of two partial differential equations with two unknown functions to a system of integral equations. T.B Chekmarev. Izv vys ucheb zav mat no 5 197-207 '59

DIFFERENTIAL EQUATIONS, PARTIAL (Continued)

Solution of a mixed problem for a parabolic system by means of potentials V P, Mikhailov Dokl AN SSSR 132 no 2:291-294 My '60.

Some applications of the method of initial functions [with summary in English] V A Agaev Dop AN URSR no 12 1306-1311 '59

Transformations of systems of flat-meridian-field equations and similar systems. N. A. Oranskaia. Sbor. nauch trud. IEI no. 8 52-66 '58

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION

Theory of the echelette grating S G Rautian Opt. i spektr 7 no 4:564-566 O '59

DIFFUSERS—TESTING

Testing a continuous diffuser at the Zherdevka factory S M Grebeniuk Sakh prom 33 no 12 14-17 D '59

DIFFUSION

Coefficient of sodium ion self-diffusion in molten sodium silicates. V. I Malkin, B. M Mogutnov Izv AN SSSR. Otd tekh. nauk Met. i topl no. 2 37-41 Mr-Ap '60.

Convection diffusion in porous media. V N. Nikolaevskii. Prikl. mat i mekh 23 no. 6 1042-1050 N-D '59.

Difussion of polybutylmethacrylate in good and ideal solvents V N. TSvetkov, S I Klenin Zhur tekh fiz. 29 no 11·1393-1399 N '59

Diffusion of salts in clays. V. A. Priklonskii, N. A. Okinina. Trudy Lab gidrogeol probl 22,41-46 '59.

Effect of small additions on the diffusion coefficient in polycrystalline materials. Part 3. Effect of thallium on the self-diffusion of silver. V. I. Arkharov, S. M. Klotsman, A. N. Timofeev. Fiz. met. i metalloved 8 no 5. 709-713 N '59.

Effect of vanadium additions on the self-diffusion of iron. M. S. Zelinskii and others. Fiz. met. i metalloved 8 no. 5:725-730 N '59.

Influence of turbulent diffusion in the direction of the wind on the concentration distribution of substance diffusing in the atmosphere I. L. Karol' Dokl. AN SSSR 131 no 6 1283-1286 Ap '60.

Investigating reaction diffusion in binary systems based on transition elements V I Arkharov, E B Blankova Izv vys ucheb zav , chern met no 3·122-124 '60

Isotopic exchange method for measuring saturated vapor pressure and diffusion coefficients Part 1 [with summary in English] V I Lovgachev Zhur fiz khim 33 no. 12 2755-2766 D '59.

New methods of studying partial coefficients of diffusion and electrical transfer in binary alloys IE I Khar'kov, P P. Kuz'menko Ukr fiz zhur 4 no 4 534-537 Jl-Ag '59

Statistical theory of the double layer at the metal - solution interface. V. G. Levich, V. A. Kir'ianov. Dokl. AN SSSR 131 no. 5,1134-1136 Ap '60.

X-ray investigation of diffusion in two thin layers of metal M A Levitskaia, R L Fogel'son Izv vys ucheb zav ,chern met no 3·117-121 '60

DIGESTION

At the dinner table. Zdorov'e 5 no. 12 14-15 D '50.

At the Ninth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists. S D Kovtun. Fiziol zhur. [Ukr] 5 no 6:848-854 N-D '59.

Length of the digestion of food in the red mullet Mullus barbatus ponticus Essipov. N. IA. Lipskaia. Trudy SBS 11·200-212 '59.

Significance of the act of food swallowing for the intensity of digestive processes in fishes. B. V Kraiukhin Vop. ikht no 12:133-137 '59

DIGESTIVE ORGANS—DISEASES

Urine color sedimentation reaction in gastrointestinal diseases in children Z I. Kapkova Vop okh. mat. i det. 4 no. 6·86-87 N-D '59.

DIGESTIVE ORGANS—RADIOGRAPHY

Radiographic observations of the condition of the digestive organs following stomach resection I S. Petrova Vrach delo no 11 1173-1177 N '59

DIGITAL COMPUTERS, ELECTRONIC see Electronic digital computers

livision under Kiev

—EDUCATION—EXHIBITIONS

V. S. Petrenko. Ukr.
59

00 hectares of plow-
6 no. 12 30 D '59.

nder Azov region

, 1907-1940

i workaj Patrioty;
M-va obor. SSSR,

DIMENSIONAL ANALYSIS

Application of the theory of similitude to the study of the processes of chemical technology. P. G. Romankov, A. A. Medvedev. Zhur. prikl. khim. 32 no. 12·2632-2638 D '59.

DIOPSIDE see subdivision under Krasnoyarsk Territory

DIORAMA see subdivision under Sevastopol

DIORITES see subdivision under Gissar range

DIPHENYLAMINE

Synthesis of 3-chlorodiphenylamine. S. V. Zhuravlev, A. N. Gritsenko. Zhur. prikl. khim. 31 no. 4:661-662 Ap '58.

DIPHTHERIA see subdivision under Tajikistan; Turkmenistan

DIPHTHERIA—PREVENTIVE INOCULATION see subdivision under Orgeyev District

DIPLOMACY

Zorin, V. A., and others, eds. [History of diplomacy] Istoriia diplomatii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 1. V sost. pervogo toma prinimali uchastie: V. P. Potemkin i dr. 1959. 896 p.

DIPTERA see subdivision under Mary Province

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRECTION FINDERS, RADIO see Radio direction finders

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION
(see also subdivision under Czechoslovakia, Stalingrad Province; Zhukovskiy)

Consultations by correspondence of the Central Institute of Disability Evaluation and Organization of Work for the Physically Handicapped. V. Murav'eva, O Krushinskaia Sots obesp 20 no 11 19-24 N '59

Functional methods of examining patients with delayed results of internal cranial or brain trauma. P Makkavelskii. Sots. obesp. 20 no 12:20-22 D '59.

Fundamentals of disability evaluation of middle-aged mental cases D Melekhov Sots obesp. 20 no 11 24-26 N '59

The statistical report of the Disability Evaluation Commission should be improved M Magaril Sots obesp 20 no 11 13-19 N '59

Trefilov, I. M. [Calculation of aid for temporary disability] Ischislenie posobii po vremennoi netrudosposobnosti. Izd., ispr. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 103 p.

DISARMAMENT
(see also subdivision under Germany, West)

Conference of the Soviet Community for Disarmament. Zhur Mosk. Patr. no. 3:33 Mr '60

Disarmament and the problem of aggression. E. Korovin. Mezhdunar. zhizn' 7 no. 5:114-117 My '60.

Disarmament is the path toward peace. V. Berozhkov. Komm. Ukr. 35 no. 12:49-55 D '59.

Documents of the Conference of the Soviet Community for Disarmament. Zhur Mosk. Patr. no. 3:35-38 Mr '60.

Furaev, V. K. [The struggle for disarmament at the present-day stage] Bor'ba za razoruzhenie na sovremennom etape. Leningrad, 1959. 43 p.
(SCt-H)

In the name of peace and friendship on earth. Komm Mold 4 no 11 3-7 N '59.

The international day of united struggle. Vsem. prof. dvizh. no. 4,2-3 Ap '60.

Italian cooperationists second the suggestion of N. S. Khrushchev. Sov potreb. koop. 4 no. 1:35 '60.

Let's rid our skies of the ominous clouds! Kryl. rod. 10 no. 12·1 D '59.

The Orthodox Church and disarmament. Zhur. Mosk. Patr. no. 3:38-39 Mr '60.

Pressing need. IU. Ivanov. Mol. komm. no. 12:21-28 D '59

The problem of disarmament on the eve of the summit meeting N Arkad'ev Nov vrem. 18 no 20:7-8 My '60

Resolutions adopted by the European Trade Union and Workers' Conference for a Peace Treaty with Germany, and a Ban on Atomic Weapons (Goerlitz-Zgorzelec, May 8-10, 1959). Vsem. prof. dvizh. no. 6 supplement 8 Je '59.

Speech of Aleksii, Patriarch of Moscow and All Russia, at the Conference of the Soviet Community for Disarmament (Moscow, 1960). Zhur. Mosk. Patr. no. 3:33-35 Mr '60.

Unequaled and unfailing policy of peace. Askad Mukhtar. Agitator no. 23:20-21 D '59.

The words of peace IUr Zaruba. Ukraina no. 24:6 D '59.

The world without arms! S. Vishnevskii. Smena 36 no. 23:10-11 D '60

DISCOVERERS see Explorers

DISCUSSION

Conducting debates among students. E. N. Vinokurova. Sred. spets obr. 6 no. 11·44-46 N '59.

DISEASES—REPORTING
(see also subdivision under Ivanovo)

Completeness of morbidity records and duplicates in polyclinic institutions. E. F. Mikhailova. Sov. zdrav. 18 no. 12.18-21 '59.

DISEASES, MENTAL see Mental illness

DISHWASHING MACHINES

New equipment. A. Kirillov. V. Smirnov. Obshchestv. pit. no 12:28-31 D '59.

DISILOXANE

Condensation of hexamethyl disiloxane in silent discharges. D. N. Andreev. Zhur. prikl. khim. 32 no. 12: 2808-2809 D '59.

DISINFECTION AND DISINFECTANTS

Effect of various disinfectants on the force of germination and sprouting of Scotch pine seeds. A. A Prisiazhniuk. Izv vys ucheb. zav , les zhur 2 no 6.18-23 '59.

DISLOCATIONS IN CRYSTALS

Interaction of dislocations in silicon rendered visible by diffusion of copper L S Milevskii. Kristallografiia 4 no 5:785-786 S-O '59.

DISLOCATIONS IN METALS

Distribution of dislocations in commercial iron. IU. A. Skakov Izv. vys. ucheb. zav , chern met no. 3·65-73 '60.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

The knights of kitchen tournaments. N. Svetlova. Ogonek 38 no. 3·31 Ja '60.

Our people help to disclose crimes. K. Nagovitsyn. Sots. zakon. 36 no 12·49-50 D '59

There are various forms of the struggle against the surviving traces of the past. V. Shaposhnikova. Sov. iust no. 12:54-59 D '59.

DISPERSIMETRY

Refractive dispersion of petroleum fractions separated from aromatics. B. V. Ioffe, O. E. Batalin. Zhur. prikl. khim. 32 no. 12:2723-2733 D '59.

DISPERSION

Atmospheric dispersion and chromatic refraction [with summary in English]. O. A. Mel'nikov. Izv. GAO 20 no. 4.1-32 '57.

Optical anisotropy of cubic crystals, produced by the phenomenon of spatial dispersion. Quadrupole exciton absorption of light in cuprous oxide E. F. Gross, A A Kaplianskii Dokl AN SSSR 132 no. 1,98-101 My '60

DISPLACEMENT (SHIPS)

Generalized differential equation of weight and incremental displacement coefficient. L. M. Nogid Trudy LKI no. 16:116-121 '55.

DISPOSSESSION see Eviction

DISSERTATIONS, ACADEMIC see subdivision under Peiping

DISSOCIATION

Differences in the dissociation constants of polymorphous modifications of acids in nonaqueous solutions [with summary in English]. S. S. Urazovskii, I. P. Kolliarenko, A. I. Kurla'ko. Zhur. fiz. khim. 33 no. 12:2732-2739 D '59.

From the history of the origin and development of the theory of electrolytic dissociation. E. A. Budreiko. Zhur. fiz. khim. 33 no. 12:2824-2820 D '59.

DISTILLATION

Isolation of deuterium from hydrogen by the low temperature distillation method. M. P. Malkov and others. Kislorod 12 no. 6:1-13 '59.

DISTILLATION—HYDRODYNAMICS

Hydraulic regimes occurring in sieve-plate and bubble-cap columns. R. A. Melikian. Zhur. prikl. khim. 31 no. 4:550-558 Ap '58.

DISTILLATION, FRACTIONAL

Approximate calculation for batch fractionating columns. Fu Chii-fu. Zhur. prikl. khim. 31 no. 4:526-532 Ap '58.

Conditions of the operation of benzene and carbon disulfide columns in a rectification plant. M. L. Orlov. Koks i khim. no. 12:39-41 '59.

Fractionating distillation of a mixture of nitroethylbenzenes. O. S. Vladyrchik and others. Zhur prikl. khim. 32 no. 8:1830-1834 Ag '59.

DISTILLATION APPARATUS

Hydraulic resistance of sieve plates. I. P. Mukhlenov, E. IA. Tarat. Zhur. prikl. khim. 31 no. 4:542-548 Ap '58.

Standard binary systems for determining the effectiveness of rectification columns. I. N. Bushmakin. Zhur. prikl. khim. 32 no. 12:2638-2644 D '59.

DISTILLED WATER see Water, Distilled

DISTRIBUTION (PROBABILITY THEORY)
Complete a posteriori distribution. O P Boev. Izv vys ucheb zav , mat no 5 58-66 '59

DITHIONITE
Reactions of nitric acid with formaldehyde, rongalite, and hydrosulfite. A. K. Shtol'ts. Izv. vys. ucheb. zav.; khim i khim. tekh. 2 no. 6:852-857 '59.

DIURETICS AND DIURESIS
Diuretic effect of promeran; preliminary communication [with summary in English]. P. I. Mishchenko, A. I. Povinskaia. Sov. med. 23 no. 12:99-104 D '59.
Therapeutic value of the new diuretic preparation novurit [in Azerbaijani with summary in Russian]. M N. Sultanov Azerb. med. zhur. no. 11:56 60 N '59

DIVING, SUBMARINE
Conquering the depths. Fiz k i sport 20 no 11 16 19 N '59.
Evaluation of different methods of oxygen administration for the decompression of divers [with summary in English]. A. P. Brestkin, A. G. Zhironkin. Fiziol. zhur. SSSR 45 no. 7:865-871 Jl '59.
Looking into the ocean. I. Ilich henko. Moskva 3 no 9 218-219 '59
Skin divers found Crow Rock. G. N Karaev. Voen znan 36 no 5 37 My '60
Some advice to skin divers. N. Timofeiuk. Voen. znan. 36 no 4:30 Ap '60
Underwater frontiers. B. Zhukov. Vokrug sveta no 1 56-57 Ja '60

DIVISION OF LABOR
Building of communism and improving the form of labor organization. D Kuidolov. Sots trud 4 no 11 3 11 N '59

DMYTRIIEV-KABANOV, P. S.
Folklore elements in the music of P. S. Dmytriiev-Kabanov, a Donets Basin miner. H. P. Stadnyk. Nar. tvorch. ta etn. 3 no. 3:66-70 Jl-S '59.

DNEPRODZERZHINSK—RAILROADS, INDUSTRIAL
Track maintenance workers of a metallurgical plant. K D Belykh, S B Segeda, A A Shevchenko. Put' i put. khoz. no 12 25-26 D '59.

DNEPROPETROVSK—OPHTHALMOLOGICAL SOCIETIES
Report on the work of the Dnepropetrovsk Ophthalmological Society for 1958. A. I Danilovskii, S P Shmul' Oft zhur 14 no. 6:382 383 '59

DNEPROPETROVSK—PACKING HOUSE PRODUCTS
New meat products. A. Minas'ian, N. Sagaidak. Mias. ind. SSSR 30 no. 2:10 '59.

DNEPROPETROVSK—PIONEERS (COMMUNIST YOUTH)
We should enliven our work with the Pioneers. L. I. Verentsyna. Rad shk. 38 no 12:37 38 D '59.

DNEPROPETROVSK—TECHNICAL EDUCATION
Studying progressive experience. V. Shtaun. Prof.-tekh. obr. 16 no. 12:10 D '59.

DNEPROPETROVSK—TIRES, RUBBER
Continuous lines for manufacturing semiprocessed materials at the calender section of the Dnepropetrovsk Tire Factory. N. V. Priklonskaia. Kauch. i rez. 18 no. 12. 39-41 D '59.

DNEPROPETROVSK PROVINCE—BOTANY, MEDICAL
Materials on the introduction of medicinal plants. K. F. Koreshchuk. Trudy Bot. inst. Ser. 6 no. 7:291 294 '59.

DNEPROPETROVSK PROVINCE—INDUSTRIAL HYGIENE
Easier to prevent than to correct. G. Natalenko. Okhr. truda i sots. strakh. no. 12:40-43 D '59.

DNEPROPETROVSK PROVINCE—KALE
Cultivation of the Abyssinian sea kale (Crambe abyssinica Hochst.) in Dnepropetrovsk Province. M. P. Osnol'skaia. Trudy Bot. inst. Ser. 6 no. 7:126-129 '59.

DNEPROPETROVSK PROVINCE—MACHINERY INDUSTRY
Manufacture of mining equipment at the "Kommunist" Plant. S. F. Babenko, P. S. Khutornoi. Gor. zhur. no. 1: 64-68 Ja '60.

DNEPROPETROVSK PROVINCE—MAMMALS, FOSSIL
Fossil mammals in alluvial sediments in the vicinity of the Dneprodzerzhinsk Hydroelectric Power Station [with summary in English]. V. I. Svyatun. Dop. AN URSR no. 10:1148-1151 '59.

DNEPROPETROVSK PROVINCE—MINERS—MEDICAL CARE
In the Ministry of Public Health of the Ukrainian S. S. R. Vrach delo no 11:1225-1226 N '59.

DNIEPER BASIN—COAL GASIFICATION, UNDERGROUND
Gasification of Dniepr lignite. V. S. Zagrebel'naia, K N Zviagintsev. Podzem. gaz. ugl. no. 4 10-13 '59

DNIEPER LOWLAND—WATER, UNDERGROUND
Chemistry and pressure properties of underground waters in the Buchak horizon in connection with the tectonic characteristics of the Paleogene in the Dnieper-Donets Lowland. O. H. Popov. N. uk. zap. Kyiv un 16 no 14: 213-216 '57

DNIEPER RIVER—CARP
A hybrid of Blicca bjoerkna (L.) and Vimba vimba vimba natio carinata (Pall.) from the Dnieper River. N P Tarnavskii. Dokl. AN SSSR 132 no 1 231-233 My '60

DNIEPER RIVER—HYDROLOGY
Short-range forecasting of daily water levels based on the total amount of discharge past upstream gauging stations. A. M. Berbenets. Trudy UkrNIGMI no. 19 100 114 '59.

DNIEPER VALLEY—GEOLOGY, STRATIGRAPHIC
Interesting monograph ("Quaternary deposits in the area west of the middle Dnieper" by M. F. Beklych. Reviewed by M. M. Tsapenko, V. M. Motuz, N. A. Makhnach). Vestsi AN BSSR. Ser. fiz. tekh. nav. no. 1:110 '59.

DNIEPER VALLEY—ROOFS, CONCRETE
Constructing combined flat roofs of apartment houses in the Dnieper Valley. M Fishman. Zhil stroi no 12 17 18 '59

DNIEPER VALLEY—WATER, UNDERGROUND
New data on the performance and source material of underground waters in the Ukrainian crystalline massif. F A Rudenko. Nauk. zap Kyiv. un 16 no 14:195-207 '57
Paleohydrogeological conditions governing the accumulation of fresh vadose water in the Dnieper-Donets artesian basin [with summary in English]. B I Kudelin. Sov. geol 2 no. 10,113 121 O '59.

DNIEPER VALLEY—WORLD WAR, 1939-1945
Kiselyi, G. P. [On the tributaries of the Dnieper; military action of Soviet sailors during the White Russian campaign (June to July 1944)] Na pritokakh Dnepra; boevye deistviia sovetskikh moriakov Belorusskoi operatsii, iun'-iiul' 1944 g. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 122 p.

DNESTER RIVER—HYDROLOGY
Use of L. A. Vitel's synoptical climatological method in early forecasts of elements determining the water resources of the Dnester River. M. S. Kaganer. Trudy UkrNIGMI no. 19:93-108 '59

DNO DISTRICT—BANKS AND BANKING
Improving work methods. A. Loft. Den. i kred. 18 no. 1 65 68 Ap '60.

DOBBS, MATTIWILDA
Mattiwilda Dobbs. Nadezhda Kazantseva. Sov. muz. 24 no 1:127-128 Ja '60.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
Egorov, B. V. [N. A. Dobroliubov, collector and investigator of the folk art in the Nizhniy Novgorod Government] N. A. Dobroliubov - sobiratel' i issledovatel' narodnogo tvorchestva Nizhegorodskoi gubernii. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1956. 95 p.

DOBROPOL'YE—MINE VENTILATION
Eliminating external air leakage. I. M. Timoshin. Bezop. truda v prom. 4 no. 1:31 Ja '60.

DOCKS
Requirements of nonsinkability in floating docks. M. A. Lavitagin. Sudostroenie 25 no. 12:49-53 D '59.

DODDER see subdivision under Dzhambul Province

DOG SHOWS
Dog shows. Okh. i okh. khoz. 5 no. 11:37 N '59.

DOGFISH
Structure and functions of dorsal fins in Squalidae (Squaloidei, Squaliformes). Iu. G. Aleev. Trudy SBS 11:153-158 '59.

DOLINA—OIL FIELDS
This road leads to oil fields. M. Korin'. Znan. ta pratsia no. 12:16-17 D '59.

DOLLS
Who made your doll? E. Kossakovskaia. Doshk. vosp. 33 no. 1:75-77 Ja '60.

DOMES
Precast reinforced concrete dome of the covered market in Stalino. K. Fel'dman, D Bedzarskii. Stroi. i arkhit. 7 no 12:18-20 D '59.

DOMESTIC ANIMALS
Describing the body of farm animals on the basis of conformation measurements. A. M. Makarov. Dop. UASHN 2 no. 6:42-46 N-D '59.

DOMESTIC EDUCATION
He is two years old. L. I. Aleksandrovskaia. Doshk. vosp. 33 no. 1:46-50 Ja '60.
New book for parents ("Domestic education." Reviewed by N. I. Boldyrev). Sov. pedag. 24 no. 1:142-145 Ja '60.

DOMESTIC RELATIONS
(see also subdivision under Turkmenistan; Uzbekistan)
Has a father the right to see his child? Sem'ia i shkola 15 no 1 30 Ja '60

DOMINICAN REPUBLIC—FOREIGN RELATIONS
Dominican Republic plague. Nov vrem 18 no. 20 32 My '60

DON VALLEY—WALNUT
Introduce walnut in orchards of the middle Don Valley. N. D. Samoilenko. Sad i og. 97 no. 11:71-72 N '59.

DON VALLEY—WINE AND WINE MAKING
Making sparkling wines from white Muskat grapes at the Don. N. S Okhremenko. Vin. SSSR 19 no 8:6-8 '59.

DONATELLO, I.E. DONATO DI NICCOLO DI BETTO BARDI, 1386 (ca.)-1466
Iconography in statues by Donatello. M. Libman. Iskusstvo 22 no. 9:72-75 '59.

DONETS BASIN—COAL—CLASSIFICATION
Classification of coals and anthracites of the Donets Basin. K. I. Garkalenko. Standartizatsiia 23 no. 11 45 N '59.

DONETS BASIN—COAL GEOLOGY
New 8 in the region of the Donets Basin. H. Kalinov. Znan. ta pratsia no. 12:25-26 D '59.

DONETS BASIN—COAL MINERS
Glorious labor, sensible recreation. I. E. Zenin Zdorov'e 6 no. 1 14-15 Ja '60.
Right way of living. P. Kraizel'burd. Mast. ugl. 8 no. 12 24 D '59.

DONETS BASIN—COAL MINES AND MINING
Completed cycle. P. Kraizel'burd. Mast. ugl. 9 no. 2: 14 F '60.
Determining the best distance between levels in uncovering a section of flat seams in the Donets Basin. I. S. Kaushkin. Izv vys. ucheb zav ; gor zhur no. 7:8-11 '59.
Flow-sheet for mining at deep levels. N. V Anashkin. Ugol' Ukr 3 no. 12 6 7 D '59.
Glorious traditions. I. Aleksandrov. Mast. ugl. 8 no. 3: 9-10 Mr '59.
High-speed miners. Mast. ugl. 9 no. 12:9 D '60.
Organization of a cyclic system of longwall working with cutter loaders in Gukovugol' Trust mines. V. V. Mamontov. Ugol' 34 no 12 15 19 D '59.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Labor productivity in the mine has increased one and a half times. N. M Saklakov. Ugol' Ukr 3 no 12:28-29 D '59

DONETS BASIN—COMMUNIST PARTY OF THE SOVIET UNION
Skoblikov, L. IA. [Party organization of the Donets Basin in the struggle to carry out the Lenin plan for the industrialization of the country from 1926 to 1929] Partiinaia organizatsiia Donbassa v bor'be za osushchestvlenie leninskogo plana industrializatsii strany 1926-1929 gg. [Stalino] Stalinskoe obl. knizhnoe izd-vo, 1959. 194 p.
(MIR)

DONETS BASIN—FORAMINIFERA, FOSSIL
Lower Visé Foraminifera in the Donets Basin. M. V. Vdovenko. Nauk. zap. Kyiv. un. 16 no. 14:119-123 '57.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Occurrences and deposition conditions of lower Permian sediments in the northeastern Donets Basin. G. D. Kireeva, V. P. Stupakov. Geol. nefti i gaza 3 no. 12 19-24 D '59

DONETS BASIN—GEOLOGY, STRUCTURAL
Characteristics of the tectonic pattern of the southern margin of the Donets Basin. A. P. Rotai, A. D. Kudelin. Nauk. zap Kyiv. un. 16 no. 14:21-28 '57.
Genesis of folds and faults in the Nagol'nyy range and their interrelation. V. I. Iluk. Nauk. zap. Kyiv. un. 16 no. 14:45-61 '57.
Geomorphology of river valleys of the southern slope of the Donets Basin [with summary in English]. I. M Rostyl. Dop AN URSR no. 12:1349-1352 '59.

DONETS BASIN—MINE HAULAGE
How we improved underground mine haulage operations. G. A Revenok, R S Moruman. Ugol' Ukr 3 no. 12. 30-31 D '59

DONETS BASIN—MOLLUSKS, FOSSIL
Preliminary data on the lower Tertiary fauna along the margins of the Donets Basin. M M Kliushnikov. Nauk zap. Kyiv. un. 16 no. 14:101-105 '57.

DONETS BASIN—PETROLOGY
Recent data on the distribution and composition of Permian rocks in the southern outskirts of the Donets Basin. S. V. Nechaev, M. V. Kobelev, I. I. Sakhatskii. Dokl. AN SSSR 131 no. 6:1410-1413 Ap '60.

DONETS BASIN—RAILROADS—PRODUCTION STANDARDS
Planning and determining the economic efficiency of the revised norms A Dubinskii Sots trud 4 no 11 91-96 N '59

DONETS BASIN—SUNFLOWERS
Sunflower cultivation in the Donets Basin. N. P. Lubovskii, I. I. Malykhin Zemledelie 8 no 1,67-73 Ja '60

DONETS BASIN—VIEWS
In a settlement of miners Ukraina no 2 6-7 Ja '60

DONETS BASIN—WATER, UNDERGROUND
Chemistry and pressure properties of underground waters in the Buchak horizon in connection with the tectonic characteristics of the Paleogene in the Dnieper-Donets Lowland. O. IE Popov. Nauk zap Kyiv un 16 no. 14: 213-218 '57.
Data on the water potential of upper Cretaceous sediments in the southeastern Donets Basin A. H Soldak, H I Bannyk. Nauk zap. Kyiv un 16 no. 14:219-222 '57.
Paleohydrogeological conditions governing the accumulation of fresh vadose water in the Dnieper-Donets artesian basin [with summary in English] B. I. Kudelin. Sov. geol 2 no. 10:113-121 O '59.

DOPPLER EFFECT
Investigating motions in the chromosphere and floccuil by the Doppler shift of spectral lines K_2 and K_3 of Ca+ [with summary in English]. V. I. Khokhlova, Izv. Krym. astrofiz. obser. 17,177-190 '57.

DOROGOBUZH—MOTION-PICTURE PROJECTION
Transferring to another route. N. Kalashnikov. Kinomekhanik no. 12:11 D '59.

DOROSHKO, PETRO, 1910-
Singer of distant journeys; the poetry of Petr Doroshko. Pratsi Od. un. Zbir. stud. rob. no. 5(vol. 149) 75-93 '59.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
Dostoevskii, F.M. [Letters] Pis'ma. Moskva, Gos. izd-vo khudozh. lit-ry, 1928-1959. 1 v.
(IU)

DOUBLE STARS see Stars, Double

DOUGH
Evaluating the quality of wheat and flour from viscoelastic properties of dough, and regulating these properties. B. A. Nikolaev. Khleb. i kond. prom. 2 no 5:22-24 My '58.
New technology of making rye and wheat dough. V. V. Shcherbatenko. Khleb. i kond. prom. 2 no. 5:15 My '58.

DOUGH—BACTERIOLOGY
Changes in the activity of yeasts and lactic bacteria in the process of manufacturing wheat bread. G. M. Smirnova. Khleb. i kond. prom. 2 no. 5:27-29 My '58.

DOVZHENKO, ALEKSANDR PETROVICH, 1894-
"Aleksandr Dovzhenko" by R. IUrenov. Reviewed by E. A. Zvezda no. 1:219 Ja '60.
Pisarevskii, D.S. [Aleksandr Dovzhenko and his 'Poem of the Sea'] Aleksandr Dovzhenko i ego "Poema o more." Moskva, Znanie, 1959. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 20)
(MH)

DRAGONFLIES
Energy balance in larvae of the dragonfly Aeschna grandis L. N. A. Berezina. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 10:56-61 '59.

DRAINAGE
Constructing vertical drains using porous concrete. K. I. Varunov. Gidr. stroi. 29 no. 2:23-25 F '59.
Effect of surface water diversion on the stability of the rail support. V. I. Bolotin Vest. TSNII MPS 19 no 1: 24-27 '60
Effect of the drainage of forest soils on physical and mechanical properties of pine wood. N. I. Fedorov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2;51-55 '59.
Modeling and calculating electro-osmotic lowering of water N M Burdak, A. A Mukhin, A V Netushil Trudy MEI no 27 67-87 '56.

DRAWING—INSTRUCTION
Vary the methods of drawing instruction. T. S. Komarova, T. G. Tkachenko. Doshk. vosp. 33 no. 1:32-33 Ja '60.

DRAWING INSTRUMENTS
Historical outline of the development of drawing instruments. D. I. Kargin. Trudy Inst. ist. est. i tekh. 25: 270-310 '59.

DRAWINGS see subdivision under India

DREDGING
Calculating the stability of hopper-dredgers. N. F. Voevodin. Sudostroenie 25 no. 11:8-12 N '59.

DREDGING MACHINERY
(see also subdivision under Czechoslovakia)
Designing suction systems of pump dredges. A. I Kharin Gidr stroi 29 no 12:20 29 D '59
Dredger bucket chains with rubber rollers. S. P. Kozyrev. Rech. transp. 18 no. 12 11 D '59.
New diesel-electric multibucket dredger. M. M. Dubinin. Rech. transp. 18 no. 11:27 29 N '59.
Results of field tests of a hydraulic suction bottom dredge [with summary in English] H. B. Dokukin. Dop. AN URSR no. 10 1091 1094 '59.
Skoroshchinskii, V. F. [Manual for a winch operator and a seaman aboard a dredge] Posobie lebedchiku i matrosu zemsnariada Moskva, Izd-vo "Rechnoi transport," 1960. 171 p

DREDGING MACHINERY—EQUIPMENT AND SUPPLIES
New automatic device for checking the saturation of a water and earth mixture. L. P. Tsvankin. Sbor. nauch. trud. IEI no. 6 78-83 '58.

DREDGING MACHINERY—MAINTENANCE AND REPAIR
Repairing dredging machinery by replacing units. A. I. Mitoshevskii. Mekh. stroi. 17 no. 1:29 30 Ja '60.

DRESDEN—ART GALLERIES AND MUSEUMS
"Book about the Dresden Gallery" [in German] by Ruth and Max Seydewitz. Reviewed by Natalia Sokolova. Iskusstvo 33 no 10:70 0 '59.

DRESDEN—KINDERGARTENS
In a kindergarten of a people's enterprise. G. Heine Doshk vosp. 33 no 1:61 66 Ja '60

DRIFT see subdivision under Moscow Region

DRILL (AGRICULTURAL IMPLEMENT)
Attachment for the hydraulic control of SU-24 drills G. Kornilov, D. Lavlavskii Tekh. sov. kolkh. i RTS, novykh. 20 no 12:14 15 N '59
Attachment of the S-11 hitch for the hydraulic control of cultivators and drills G. Kolmov, IA. Shepovalskii Tekh. sov. kolkh. i RTS, novykh. 20 no. 2:11 F N '59
Hydraulic attachment to tractor drawn drills V Vasilts kii Tekh v sel'khoz 20 no. 1 73 74 Ja '60
Radio controlled drill. Tekh mol. 27 no 12 10 '59
Using SUB 48 grain drills for furrow planting [with summaries in English, German and French] M I Gonshovich Vest sel'khoz nauki 4 no. 12 142 145 D '59

DRILL (AGRICULTURAL IMPLEMENT)—ATTACHMENTS
Drill attachment for scattering poisoned baits against mollusks V V Popdavskii Zashch rast ot vred i bol 4 no. 5 36 29 My Je '59

DRILL PRESSES see subdivision under Ivanovo (Ivanovo Province)

DRILLING AND BORING
Rabotin, A. N. [Counterboring and reaming] Zenkerovanie i razvertyvanie. Pod red. V. M. Gorelova. Izd. 2. Moskva, Gos. nauchno tekhn. izd-vo mashinostroit. lit-ry, 1959. 37 p. (Nauchno populiarnaia biblioteka *rabochego stanochnika*, no. 10)

DRILLING AND BORING MACHINERY
The AM22-type automatic 60-spindle machine. V. P. Kuznetsov, N V. Rolin. Biul tekh ekon inform no 11:23 24 '59.
Cutter head of new design for the 01R-V reboring machine. M. S. Lapshinskii. Mekh. i avtom. proizv. 14 no. 1:20-21 Ja '60.
Effect of characteristics of a drill pump on the force of jet impact in monitor drilling [in Azerbaijani with summary in Russian]. S M Kuliev, A. E. Kuliev, Sh. E. Kuliev. Dokl AN Azerb SSR 15 no 12:1107 1109 '59
Inventor Ovchinnikov's drills. I. A. Maikapar. Nauka i zhizn' 26 no. 12:65 D '59.
The KhA-1064-type automatic machine for drilling lubrication holes in pistons I M Zil'berberg, M N. Braun. Biul tekh ekon inform no 11:24 26 '59
The KZh-11-type deep-boring machine. E. M. Gorodetskii. Biul. tekh ekon inform no 11:31 33 '59
The KZh-21 and KZh-22 type drilling and boring machines E. M. Gorodetskii. Biul tekh ekon inform no 11:26 28 '59
Portable machine tool for high speed boring of marine engine cylinders. V. I. Komissarov. Sudostroenie 25 no. 11:61-63 N '59.
Rigidity of vertical drilling machines and precision of machining. I. S. Terent'ev. Trudy LPA no. 83 167-172 '59.

DRILLING FLUIDS
Supply and preparation of mud solutions for one of the Krivoy Rog Trust geological prospecting parties. B. N. Kudriashov. Sbor. nauch. rab. stud. LGI no. 4:85-93 '57.

DRINKING FOUNTAINS
Drinking fountain. Okhr. truda i sots. strakh. no. 12:63 D '59.

DROPPING MERCURY ELECTRODES see Electrodes, Dropping mercury

DROPS
[illegible]

DROUGHTS
[illegible]

DROWNING
[illegible]

DRUG INDUSTRY
Over all mechanization [illegible]

DRUG INDUSTRY—BIBLIOGRAPHY see [illegible]
Drug industry

DRUGS
[illegible]
(DNLM)

[illegible]

DRY DOCKS
[illegible]

DRY GOODS
[illegible]

DRYING APPARATUS
[illegible]

DRYING APPARATUS—TESTING
[illegible]

DRYING OILS see [illegible]

[illegible]

DUMP TRUCKS
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

DUST—REMOVAL
[illegible]

DUST COLLECTORS

P. A. Pazdnikov and B. V. Mal'tsev's article "Dust collection and hydrometallurgical treatment of dusts from copper-smelting plants, combined in one apparatus." I. L. Persakhov. TSvet. met. 32 no. 12:79-80 D '59.

Principles of designing mechanical dust collectors. I. A. Shepelev. Sbor. trud NIIST no. 2 116-128 '59

DUTCH ELM DISEASE

Breeding elm species for Dutch disease resistance [with summaries in English, German, and French] G. P. Ozolin. Vest. sel'khoz nauki 4 no 12 139-142 D '59

DUZ-KHOTIMIRSKII, FEDOR IVANOVICH, 1870-

The oldest Russian master. L. Cherednichenko. Shakh v SSSR 36 no 12 370 D '59

DVADTSATI VOS'MI GVARDEYTSEV DISTRICT—AGRICULTURE

Economic conference in a district. V. Malinin. Part zhizn' Kazakh. 28[i.e. 39] no 12 48-51 D '59

DVADTSATI VOS'MI GVARDEYTSEV DISTRICT—SECTS

Good opportunities for sectarians in Sary Ozek. A. Pykhtin. Part. zhizn' Kazakh. 28[i.e. 20] no 12,51-55 D '59.

DWELLINGS—HEATING AND VENTILATION

(see also subdivision under Moscow; Russia, Southern)

Additional allowances for heat losses from residential buildings. V. E. Konstantinova. Vod. i san. tekh. no. 1: 9-13 Ja '60.

Technical and economical analysis of radiant heating systems for three- to five-story residential buildings. D. L. Gomberg. Vod. i san. tekh. no. 1:14-16 Ja '60.

DYBOWSKI, BENEDYKT, 1833-1930

B. I. Dybowski. H. Vinkevich. Belarus' no 11 27 N '59

DYES AND DYEING

Problem on the viscosity and structural and mechanical properties of vat dye pastes for printing [with summary in English]. L. M. Holomb. Dop. AN URSR no. 11:1229-1234 '59.

Steric hindrances in mesophenylpyridocarbocyanines [with summary in English]. A. I. Kiprianov, H. H. Diadiusha. Dop. AN URSR no. 10, 1119-1125 '59.

DYES AND DYEING—CHEMISTRY

Electrophoresis of dyes in the gelatin layer of photographic films [with summary in English]. A. Sheludko, G. Konstantinov, K. TSvetanov. Koll. zhur. 21 no. 6: 747-753 N-D '59.

DYES AND DYEING—RAYON

Methods of determining the concentration of coloring matter in dyes for acetate silk. L. M. Golomb. Zhur. prikl. khim. 32 no. 8:1834-1842 Ag '59.

DYMOV, ALEKSANDR MAKSIMOVICH, 1899-

Aleksandr Maksimovich Dymov; on the 60th anniversary of his birth. Zav. lab. no. 11:1400 '59.

DYN MOUNTAIN (ASHCHISU VALLEY)—GEOLOGY, STRUCTURAL

Special relief features of the Dyn Mountain in central Kazakhstan. G. Z. Popova. Trudy Sekt. geog. AN Kazakh. SSR no. 5:216-217 '59.

DYNAMOMETER

Dynamometer for measuring the degree of stretching in reinforcements. A. Nikitskii. Mekh. stroi. 16 no. 12: 25-26 D '59.

Method for experimentally determining the magnitude of active stresses in conveyer chains. B. I. Damaskin and others. Izv. vys. ucheb. zav., tekh. leg. prom. no. 5: 146-151 '59.

Precision of standard resilient dynamometers. M. I. Kotochigova. Trudy VNIIM no 37:14-28 '59.

Selecting the shape of a resilient body for dynamometers. M. I. Kotochigova. Trudy VNIIM no. 37:29-31 '59.

DYNAMOS see Electric generators

DYSENTERY

Carbohydrate function of the liver in patients with acute bacillary dysentery treated with phthalazol and synthomycin. N. F. Kozyrenko. Vrach. delo no 11:1161-1165 N '59.

Clinical and epidemiological evidence of the role of B. alkalescens in the etiology of dysentery. B. M. Laprun. Zdravookhranenie 2 no. 5:35-40 S-O '59.

Influence of biomycin on liver function in the treatment of acute dysentery in children. M. V. Golodets. Vop. okh. mat. i det. 4 no. 6:85-86 N-D '59.

Significance of associated disease in the pathogenesis of acute dysentery [with summary in English]. A. P. Kazantsev. Terap. arkh. 31 no. 12:40-45 D '59.

Skin temperature in chronic dysentery in young children. I. F. Fazylov, Z. R. IUnusov, S. Kh. Shamansurov. Izv. AN Uz. SSR. Ser. med. no. 6:55-59 '59.

DYSOSTOSIS

Congenital familial craniofacial dysostosis [with summary in English]. R. S. Levin, F. F. Efimov. Vest. rent. i rad. 34 no. 2:80-82 Mr-Ap '59.

DYSTROPHY

Effect of vitamin B_{12} on the state of liver cells in different forms of experimental dystrophy. R. A. Petrov. TSitologiia 1 no 6:640-652 N-D '59

DZHALAL-ABAD PROVINCE—FLEAS

Material on the Aphaniptera of Dzhalal-Abad Province. E. A. Shevarls, R. V. Grebeniuk, F. I. Berendiaeva. Trudy. Inst. zool. i paraz. AN Kir. SSR no 7:211-219 '59.

DZHAMBUL PROVINCE—DODDER

Some observations on dodder (Cuscuta). V. I. Olifirenko. Bot. zhur. 44 no 11 1661-1665 N '59

DZHAMBUL PROVINCE—SUGAR MANUFACTURE

Results of faulty planning. P. Kholodov. Nar. khoz. Kazakh. no. 11 51-56 N '59.

DZHERMUK—MINERAL WATERS

Change in the carbohydrate, protein, fat and lipoid, water and salt metabolism in patients with chronic diseases of the liver and biliary tracts at the Dzhermuk Health Resort. T. S. Mnatsakanov, G. I. Agadzhanian. Azerb. med. zhur. no. 11:25-31 N '59

DZHEZKAZGAN—COPPER MINES AND MINING

The forefront of industrial development. V. Nikonov. Part. zhizn' Kazakh. 30[i.e. 20] no 12 31-38 D '59

DZHEZKAZGAN DISTRICT—COPPER MINES AND MINING

New mining system used in the Dzhezkazgan Mines. L. V. Brezgulevskii, K. G. Solodov, K. Kanafin. Bezop. truda v prom. 3 no. 12:13-15 D '59.

DZHIZAK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Fertile fields. K. Saatova. Agitator no. 23:40-41 D '59.

DZHIZHIKRUT REGION—ANTIMONY ORES

Antimony oxide minerals from the Dzhizhikrut mercury-antimony deposit. T. I. Novikova. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:13-21 '59.

DZHIZHIKRUT REGION—GUADALCAZARITE

Discovery of guadalcazarite in Tajikistan. T. I. Novikova. Dokl. AN Tadzh. SSR 2 no. 3:21-24 '59.

DZHIZHIKRUT REGION—STIBNITE

Colloform antimonite from the Dzhizhikrut mercury-antimony deposit. T. I. Novikova. Dokl. AN Tadzh. SSR 2 no. 1:15-18 '59.

DZUNGARIA—LAKES

Several causes of river wandering in desert plains; on V. S. Moiseenko's article "Ayran Kul', a wandering lake of Dzungaria." E. M. Murzaev. Izv. AN SSSR Ser. geog. no 2 96-98 Mr-Ap '60

DZUNGARIA—RIVERS

Several causes of river wandering in desert plains, on V. S. Moiseenko's article "Ayran-kul', a wandering lake of Dzungaria." E. M. Murzaev. Izv. AN SSSR. Ser. geog. no. 2 96-98 Mr-Ap '60

DZUNGARIAN ALA-TAU—GLACIERS

Present-day glaciation of the Kay-Tentek and Kyzyl-Tentek River basins in the Dzungarian Ala-Tau. E. V. Maksimov. Trudy Sekt. geog. AN Kazakh. SSR no. 4:11-72 '59.

EAR

Characteristics of the sound conducting apparatus in fossil and recent turtles. L. P. Tatarinov. Paleont. zhur. no. 3:113-118 '59

Influence of large and rapid changes in atmospheric pressure on certain functions of the ear, nose and throat [with summary in English]. I. IA. Borshchevskii. Vest. otorin. 21 no. 6:19-24 N-D '59.

Some features of the status of the ear, nose, and throat in influenza [with summary in English]. I. I. Gol'dman. Vest. otorin. 21 no. 6 83-85 N-D '59.

EAR—ANATOMY

Zagorianskaia, V. A. [Anatomy, physiology, and practical methods for the investigation of the cochlear and vestibular analyzers] Anatomiia, fiziologiia i prakticheskie metody issledovaniia kokhlearnogo i vestibuliarnogo analizatorov. Moskva, Medgiz, 1958. 102 p. (Biblioteka prakticheskogo vracha)
(DNLM)

EAR—DISEASES

Clinical picture of contralateral otogenic abscess of the right lobe of the brain [with summary in English]. A. N. Mikhalkina, N. I. Leikinas. Vest. otorin. 21 no. 6:40-52 N-D '59.

Results of a discussion on the diagnosis and treatment of patients with otogenic abscesses of the brain and cerebellum [with summary in English]. M. I. Vol'fkovich. Vest. otorin. 21 no. 6,53-61 N-D '59.

Urazbaeva, A. T. [Chronic purulent inflammation of the middle ear; prevention and treatment] Khronicheskoe gnoinoe vospalenie srednego ukha, preduprezhdenie i lechenie. Moskva, Medgiz, 1958. 20 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

X-ray diagnosis in chronic epitympanitis [with summary in English]. T. F. Rostovtseva. Vest. otorin. 21 no. 6: 29-33 N-D '59.

EAR—SURGERY

Experience in the surgical treatment of patients with conduction deafness in otosclerosis by stapes mobilization [with summary in English]. V. F. Nikitina. Vest. otorin. 21 no. 6:39-48 N-D '59.

On certain ear operations used for the purpose of improving hearing and eliminating tinnitus [with summary in English]. S. V. Mikhailovskii, I. V. Studzinskii. Vest. otorin. 21 no. 6:34-38 N-D '59.

What is a tympanoplasty. S. Roman. Zhizn' glukh. 12 no. 11:24 N '59.

EARTH

How people determined the form and size of the earth. I. Rechmedin. Nauka i zhyttia 9 no. 12:47-50 D '59.

EARTH—INTERNAL STRUCTURE

Study of the structure and elastic properties of the earth's crust in Georgia [with summary in English]. G. K. Tvaltvadze. Trudy Inst. geofiz. AN Gruz. SSR 17:185-216 '58

EARTH—ROTATION

On critical parallels. A. N. Pronitov. Trudy AN Tadzh. SSR 99:111-116 '58.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE

Geothermal methods in the petroleum geology, review of D. I. D'iakonov's book. A. G. Tarkhov. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9 135-141 S '59.

Is the earth growing cooler? E. Barker. Nauka i zhyttia 9 no 5:31-34 My '59

Temperature measurements in the earth's crust. S. A. Krasnovskii. Trudy Inst geofiz AN Gruz. SSR 17:373-382 '58

EARTHENWARE STOVES see also subdivision 'Stoves, Earthenware' under Germany, East

EARTHMOVING MACHINERY

Expand the use of machinery in canal construction. V. K. Rostotskii. Mekh. stroi. 17 no. 1:4-9 Ja '60.

EARTHQUAKES

(see also subdivision under Asia; Caucasus; Tajikistan)

Seismic power. E. F. Savarenskii. Znan. sila 34 no 12: 15-16 D '59

Utilizing the measurement of the scattering of earthquake recurrences in order to judge the nature of the seismic cycle. V. I. Bune. Dokl. AN Tadzh. SSR 2 no. 4:11-30 '59.

EARTHQUAKES AND BUILDING

Earthquake proofness of a hydroelastic system. M. T. Arazbaev. Izv. AN Uzb. SSR. Ser. tekh. nauk. no. 6:55-60 '59.

EARTHWORK

(see also subdivision under Great Britain)

Conference on the grading of irrigated lands and the technique of irrigation. V. A. Anisimov. Gidr. i mel. 11 no. 12:57-59 D '59.

EARTHWORK—TABLES, CALCULATIONS, ETC.

"Method of limited use ("Nomograms for computing quantities of earthwork in constructing highways" by N. N. Kondakov. Reviewed by P. Vokhov). Avt. dor. 22 no. 12:29 D '59.

EARTHWORMS

Chekanovskaia, O. A. [Earthworms and soil formation] Dozhdevye chervi i pochvoobrazovanie. Moskva, Izd-vo Akad. nauk SSSR, 1960. 205 p.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—GLACIAL EPOCH

Comparing Quaternary sedimentation in the Caspian Sea region with the glaciation of the East European Plain. IU. M. Vasil'ev. Biul. Kom. chetv. per. no 23:91-98 '59

EAST EUROPEAN PLAIN—MORAINES

Rukhina, E. V. [Lithology of moraines] Litologiia morennykh otlozhenii. [Leningrad] Izd-vo Leningr. univ., 1960. 140 p.

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—EFFICIENCY, INDUSTRIAL

Introducing the new and the progressive in industry. K. Sinnakov. Nar. khoz. Kazakh. no. 11:25-29 N '59.

EAST KAZAKHSTAN PROVINCE—FIR

Principal yield cuttings in fir forests of East Kazakhstan A M Mushegian Izv vys. ucheb zav ,les zhur 2 no 6 43-48 '59

EAST KAZAKHSTAN PROVINCE—OLD BELIEVERS

Dispersed fog ("Foggy gorges" by D. Cherepanov. Reviewed by V. Ushakov) Part zhizn' Kazakh 28[i e 29] no 12 68-71 D '59

EASTERN EUROPE see Europe, Eastern

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EASTERN SIBERIA see Siberia, Eastern

EBULLITION

Investigating the boiling crisis in a flow of underheated water through small diameter pipes at high pressures. P.I. Povarnin, S T. Semenov. Teploenergetika 7 no 1 79-85 Ja '60.

ECHINOCOCCUS see Tapeworms

ECLAMPSIA see Convulsions

ECLIPSES

Letter to the editor. Number of eclipses in the saros and the saros series. V S. Lazarevskii. Biul Inst teor astron 7 no 1 78-87 '58.

ECLIPSES, LUNAR

New method for evaluating the brightness of lunar eclipses according to the visibility of lunar surface features. V. V. Sharonov. Biul. VAGO no 24·18-23 '59

ECLIPSES, LUNAR—1957

Lunar eclipse of May 13, 14, 1957. D. IA. Martynov. Astron. tsir. no 180.16 My '57.

ECLIPSES, SOLAR—1954

Changes in the total and scattered solar radiation during the solar eclipse of June 30, 1954, observed in Tikhoretsk and Sal'sk. B. D. Fomenko. Biul. VAGO no. 24: 37-40 '59.

Observations of radio-wave emission of the sun during the solar eclipse of June 30, 1954 [with summary in English] I. G Moiseev Izv Krym astrofiz obser 18'196-197 '58.

ECLIPSES, SOLAR—1956

Changes in some geophysical factors in Stalingrad during the partial solar eclipse of December 2, 1956. A. N. Karpov. Biul. VAGO no. 24.41-44 '59.

ECONOMIC ASSISTANCE see subdivision under Asia

ECONOMIC ASSISTANCE, RUSSIAN

Tret'iakov, P. N. [Economic and technical aid of the U. S. S. R. to industrially underdeveloped countries] Ekonomicheskaia i tekhnicheskaia pomoshch SSSR slaborazvitym v promyshlennom otnoshenii stranam. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 7, Mezhdunarodnaia, no. 8)

ECONOMIC BOTANY see also subdivision 'Botany, Economic' under Tien Shan

ECONOMIC COUNCILS

[The Communist Youth League and economic councils] Komsomol i sovnarkhozy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 157 p.

[Legal problems relating to the organization and work of economic councils] Pravovye voprosy organizatsii i deiatel'nosti sovnarkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 339 p.

ECONOMIC HISTORY

[illegible] o. 24·39-41 D '59.

ce of Marxism. A. Kuznetsov.

on. nauki no. 4·105-116 '59.

OOKS

ountries; a lecture course.

Economic law of the preferential increase of the production of the means of production. P F Boretskii. Uch. zap. MGZPI no. 1.135-201 '59.

From the editors. Nauch. dokl. vys. shkoly. ekon. nauki no 4 183 '59.

Harrod, R. F. [On the theory of economic dynamics; new deductions from economic theory and their application in economic policy. Translated from the English. Preface by IU. IA. Ol'sevich] K teorii ekonomicheskoi dinamiki, novye vyvody ekonomicheskoi teorii i ikh primenenie v ekonomicheskoi politike. Moskva, Izd-vo inostr. lit-ry, 1959. 210 p.

Khromushin, G. B. [Criticism of revisionist theories in economics] Kritika revizionizma v politicheskoi ekonomii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3. Ekonomika, no. 14)

Mokhov, N. I. [Capital and surplus value. Fundamental economic law of capitalism, lecture on a course in political economy] Kapital i pribavochnaia stoimost'. Osnovnoi ekonomicheskii zakon kapitalizma, lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 34 p.

Moscow. Universitet. [Problems of political economy] Voprosy politicheskoi ekonomii. Pod red. N. A. TSagolova i N. V. Khessina. [Moskva] 1960. 278 p.

New production relations as a form of the development of productive forces in Azerbaijani [with summary in Russian] G. I Shiraliev Trudy Sekt. filos AN Azerb SSR 1 119-162 '58.

On the further development of commodity production and turnover of goods during the period of the expanding building of communism. P. Zaostrovtsev Nauch dokl. vys. shkoly. ekon. nauki no 4 33-42 '59

Pashkov, A. I. [V. I. Lenin's economics works of the nineties] Ekonomicheskie raboty V. I. Lenina 90-kh godov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 507 p.

Preferential growth of the production of the means of production in a socialist society Z Z. Dudich. Sbor nauch rab. Bel politekh. inst no. 52 3-23 '56.

The use of linear programming in economics. N. V. Pankrat'eva. Vest. Mosk. un Ser. ekon., filos., prava 14 no. 4 73-81 '59.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—PERIODICALS

Brief news. Mir. ekon. i mezhdunar. otn. no. 5·152 My '60

The journal "Voprosy ekonomiki" in 1960 Sots trud 4 no 11 153 N '59

Periodicals "Voprosy ekonomiki" i "Planovoe khoziaistvo" in 1958 S. E. Kirsanov. Vest Inst po izuch SSSR no 3 121-124 Jl-S '59

ECONOMICS—STUDY AND TEACHING

(see also subdivision under Moscow)

Lectures and reports. N. Shagin. Vop. ekon. no. 5: 131-132 My '60.

New plans of academic studies. K. Bobkov. Nauch. dokl. vys. shkoly, ekon nauki no. 4·181-182 '59.

Russia (1923- U. S. S. R.) Upravlenie prepodovaniia obshchestvennykh nauk. [Program for the course in economics for institutions of higher education, 150 hours] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (150 chasov). Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 31 p.

Spread economic knowledge among the masses. S. Semin. Vop. ekon. no. 5·132-133 My '60.

ECONOMICS—TEXTBOOKS

Competition for a popular textbook "Economics of socialist industry" for students of basic economic principles. Vop. ekon. no. 5:157-158 My '60.

Result of the competition for the best economic textbook. S Pervushin. V pom. polit. samoobr. 3 no. 12·104 D '59

ECONOMICS, MATHEMATICAL

Nemchinov, V. S., ed. [Application of mathematics in economic research] Primenenie matematiki v ekonomicheskikh issledovaniiakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 485 p.

ECZEMA

is system in eczema. G. K. Guseinov.

o. 11:59-62 N '59

E. Edel'son. V. IA. Lakshin. Nauch.

l. nauki no. 4:174-176 '59.

1897-

V. Matveev. Mezhdunar. zhizn'

60.

don (conclusion). Mezhdunar. zhizn'

60.

under Amur Valley; Azerbaijan,

itain; Italy; Kabardino-Balkar

in, Kharkov Province; Ossetia;

; Simferopol'; Ukraine; United

White Russia)

N. K. Krupskaia, N. V. Zikeev.

:132-138 D '59.

Goncharov, N. K., and F. F. Korolev, eds. [New system of public education in the U. S. S. R.; collection of documents and articles] Novaia sistema narodnogo obrazovaniia v SSSR; sbornik dokumentov i statei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 602 p.

History of the development of the party program in education P. V. Rudnev. Sov. pedag. 23 no 12 [illegible] D '59.

In the Ministry of Education of the R. S. F. S. R. Nar. obr. no. 5:139-140 My '60.

Join the march toward knowledge! IUn. tekh. 4 no. 12 2-4 D '59.

Noteworthy anniversary. Nach. shkola 27 no 12 [illegible] D '59

The Office of Special Secondary Schools of the Ministry of Higher, Technical Secondary, and Vocational Education of the B S. S R. began its work A A [illegible] spets obr 6 no 12 1-4 D '59

Our objectives are the same. IU. I. Afanasenko [illegible] 38 no. 12;25-27 D '59

Our schools under new conditions. E I. Afanasenko [illegible] komm no. 12.11-19 D '59.

Rukhovich, S. A. [Role example in academic instruction and character training of students] Rol' primera v obuchenii i vospitanii uchashchikhsia. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959 81 p. (Obmen opytom raboty)

The Soviet school undertakes new tasks A [illegible] Moskva 3 no 9 168-172 '59

Start the drive for knowledge, young teachers! [illegible] shkola 27 no 12;9-12 D '59

Study past experience thoroughly and persist in [illegible] the best. Nar. obr. no. 5·1-7 My '60.

Training active builders of communist society. [illegible] v shkole 11 no. 6·16-22 N-D '59

A truthful book on education in the U. S. S. R. [illegible] Education Today" (in English) by [illegible] Reviewed by I K. Ekgol'm) Sov. pedag. [illegible] D '59.

A useful publication ("Selected educational works" [illegible] Shatskii. Reviewed by I. IA. Savchenko). [illegible] no 12·139-141 D '59.

EDUCATION—ABSTRACTS

[Pedagogy and education abroad; abstracts.] Pedagogika i narodnoe obrazovanie v zarubezhnykh stranakh, ref [illegible] ty nos. 315-305 '59. 79 p.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES

All-Russia Teachers' Congress is near. [illegible] 20 no. 6;5-6 N-D '59.

All-Russian teachers' congress. Sov. pedag. 24 [illegible] Ja '60.

Session of the Academy of Pedagogical Sciences of the R. S. F. S. R. in Yasnaya Polyana. V. A[illegible] 23 no. 12.149-151 D '59.

Sverdlovsk Province conference on theory and practice of work education in eight-year schools. Sov. pedag. [illegible] no. 1·156-157 Ja '60.

Third School Teachers' Congress in the [illegible] A. Otochkin. Nach. shkola 28 no. 1;94 95 [illegible]

Thoughts concerning the congress. S. Gurevich. [illegible] shkole 20 no. 6;61-62 N-D '59.

To the All-Russian Teachers Congress. Nach. [illegible] no. 1;6-16 Ja '60.

Toward one goal! Sem'ia i shkola 15 no 1 [illegible] Ja '60

Toward the All-Russia Teachers' Congress. Prep [illegible] shkole 14 no. 6:23-29 N-D '59.

Toward the All-Russian Teachers Congress. N[illegible] 28 no. 1:3-5 Ja '60.

Work of the primary grades section of the All-Ukrainian Teachers' Congress. V. A. Onishchuk Nach. [illegible] no. 12;88-89 D '59.

EDUCATION—DICTIONARIES

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazyka i literatury. [Russian-Kazakh terminological dictionary] Russko-Kazakhskii terminologicheskii slovar'. Alma-Ata.

Vol. 4. 1960. 186 p.

Dictionaries and encyclopedias on education. I. M. [illegible] Sov. pedag. 24 no. 1;110-125 Ja '60.

EDUCATION—EXHIBITIONS AND MUSEUMS see subdivision under Dikan'ka District; Ukraine

EDUCATION—PERIODICALS

Basic problems of the "Sovetskaia pedagogika" plan for 1960. Sov. pedag. 24 no. 1·158-160 Ja '60.

Discussing the periodical "Nachal'naia shkola." Nach. shkola 27 no. 12:90 D '59.

From the pages of foreign periodicals. IA. [illegible] Sov. pedag. 24 no. 1;148-151 Ja '60.

EDUCATION, COMMUNIST see Communist education

EDUCATION, COMPULSORY

Law on compulsory education should be carried out everywhere. I. Kudinov. Nar. obr. no. 5:17-23 My '60.

EDUCATION, COOPERATIVE

(see also subdivision under Grodno Province; Kirov Province, Leningrad, Novaya Ushitsa District, Radekhov District; Stalino Province; Starokazach'ye District, Ukraine)

Bol'shakova, S. V., and L. M. Ivanova. [Study and work are inseparable] Uchenie i trud - nerazryvny. Moskva, Gos. izd-vo polit. lit-ry, 1959. 49 p.

Experience in reorganizing the school system in a district. A. M. Novikov. Sov. pedag. 23 no. 12:52-57 D '59.

In the Council of Ministers of the U.S.S.R. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11:62-63 N '59.

Interconnection among general, technical, and vocational education. IU. V. Sharov. Sov. pedag. 23 no. 12:11-19 D '59.

Let's strengthen the ties between theoretical and practical work. I. A. Kairov. Rad shk 38 no 12:31-34 D '59

Productive work as means of education. P. R. Atutov. Sov. pedag 24 no 1:65-72 Ja '60.

School law in action. Sov. pedag. 23 no. 12:3-10 D '59.

Schools with longer hours. E. G. Kostiashkin, I. G. Molorov. Sov. pedag. 24 no. 1:56-64 Ja '60.

Technical schools of the Ministry of Communications. Sred. spets. obr. 6 no. 11:54-55 N '59.

We support the start made in Rostov R. Krotova, V Soldatova Fin SSSR 21 no 4:72 Ap '60.

Work as a powerful factor in the all-round development of children ("Inculcating the communist viewpoint on work; educational experience in rural schools" by V. A. Sukhomlinskii. Reviewed by N. K. Goncharov). Sov. pedag. 24 no. 1:138-142 Ja '60.

EDUCATION, ELEMENTARY

(see also subdivision under Ukraine)

In a rural 2-group school. A. K. Serebriakov. Nach. shkola 28 no. 1:27-30 Ja '60.

Seeking the new ways. V. N. Kondrashov. Nach. shkola 28 no. 1:17-21 Ja '60.

Suggestions for the new teaching plans and draft programs for elementary schools. Nach. shkola 30 no. 1:82-85 Ja '60.

EDUCATION, HIGHER

(see also subdivision under Ukraine; Uzbekistan)

Akademiia nauk SSSR. [Personnel with higher degrees in the U.S.S.R.; collection of documents and reference and materials] Nauchnye kadry v SSSR; sbornik dokumentov i spravochnykh materialov. Pod Red. A. V. Topchieva. Moskva, 1959. 303 p.

Moscow. Vystavka dostizhenii narodnogo khoziaistva. Pavil'on "Narodnoe obrazovanie SSSR, Vysshaia shkola SSSR." [Guidebook to the "Institutions of Higher Learning" Section] Putevoditel' po razdelu "Vysshaia shkola SSSR." Moskva, 1959. 60 p.

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Admission rules and examination requirements for entrance to the institutions of higher learning in 1960] Pravila priema i programmy priemnykh ekzamenov dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1960 godu. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 63 p.

Why space rockets? R. Markowicz. Vsem. stud. nov. 13 no 12:15-17 D '59

EDUCATION, PRESCHOOL

(see also subdivision under Kursk Province)

Day nursery and kindergarten. Doshk. vosp. 33 no. 1:3-6 Ja '60.

Unified system of preschool education. S. V. IAkovleva. Doshk. vosp. 33 no. 1:12-15 Ja '60.

EDUCATION, PRESCHOOL—BIBLIOGRAPHY see Bibliography—Education, Preschool

EDUCATION, PRESCHOOL—CONGRESSES

Interdistrict conference in the village Yermakovskoye, Krasnoyarsk Territory. M. Martynova, E. Soltanik Doshk. vosp. 33 no. 1:15-17 Ja '60.

EDUCATION, VISUAL see Visual education

EDUCATION OF CHILDREN

Education of children at home. K. Asaturova. Mast. ugl. 8 no. 2:29-30 F '59.

How to occupy children? T. Markova. Sem'ia i shkola 15 no 1:21-22 Ja '60.

I'll give you a riddle and you guess it. N. V. Shevliakova. Doshk. vosp. 33 no. 1:71-72 Ja '60.

Independence. N. F. Sergeeva. Doshk. vosp. 33 no. 1:28-31 Ja '60.

Organization of schools with longer hours. Nar. obr. no. 5:7-8 My '60.

Our wishes. I. I. Karputchenko, E. N. Karputchenko. Nach. shkola 27 no. 12:63 D '59.

Problem of combining education with productive work in the teachings of Charles Fourier. I. I. Zil'berfarb. Sov. pedag. 23 no. 12:98-109 D '59.

Questions and answers. M. A. Vasil'eva. Nach. shkola 27 no. 12:87 D '59.

Review of articles on a draft of an educational program. I. S. Mar'enko. Sov. pedag. 23 no. 12:117-122 D '59.

Soviet teacher, children's friend and advisor. T. E. Konnikova. Sov. pedag. 24 no. 1:10-17 Ja '60.

EDUCATION OF PRINCES

"Fosterage" in ancient Russia [with summary in English]. V. K. Gardanov. Sov. etn. no. 6:13-55 N-D '59.

EDUCATION OF THE BLIND see Blind—Education

EDUCATIONAL LAW AND LEGISLATION see subdivision under Kazakhstan

EDUCATIONAL PSYCHOLOGY

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Study of pupils in the process of teaching literature; from work practice] Izuchenie uchashchikhsia v protsesse prepodavaniia literatury; iz opyta raboty. Pod red. N. I. Kudriashova i N. D. Moldavskoi. Moskva, 1959. 158 p.

Are your "interesting problems" really interesting? M. Tsentsiper. Mol. komm. no. 12:81-94 D '59.

Education and health. L. V. Pisareva. Zdorov'e 5 no. 12:4-6 D '59.

Encouraging students' thinking in the course of the educational process I. P. Latyshin Sred spets obr 6 no 12 7-13 D '59

Perception, speech and thinking of students in grades 1-3 of the schools for the blind. N. S. Kostiuchek. Izv. APN no. 98:9-64 '59.

Shevarev, P. A. [Generalized association in the study work of school children] Obobshchennye assotsiatsii v uchebnoi rabote shkol'nika. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 301 p.

EDUCATIONAL PSYCHOLOGY—STUDY AND TEACHING see subdivision under Ukraine

EDUCATIONAL RESEARCH see subdivision under Ukraine, Saratov

EELS

(see also subdivision under Black Sea)

The wide- and narrow-headed forms of the European eel (Anguilla Anguilla (L.)) S. V Kokhnenko Vop. ikht no 12:10-27 '59.

EFFICIENCY, INDUSTRIAL

(see also subdivision under East Kazakhstan Province, Kharkov; Kiev; Moldavia; Moscow Province; Riga, Semipalatinsk Province, Vyshniy Volochek; White Russia)

Annals of the building of socialism ("Builders of socialism tell their story; reminiscences of the builders of socialism in the U.S.S.R." Reviewed by N. Barsukov) V pom. polit samoobr. 3 no 12:94-98 D '59.

Building of communism is a concern of the many millions of toilers V pom. polit samoobr 3 no 12:3-9 D '59.

For an increased participation in mass efficiency promotion and invention. A. Mumaev. Zhil.-kom. khoz. 9 no. 12:8-9 '59.

From a diary. Svitlana Lahoshna Ukraina no 24:8-9 D '59.

How we can increase labor productivity. A. Maslova. Otv. na vop. trud. no. 92:13-20 '58.

In the name of the great task of building communism. Sots. trud 4 no. 7:3-8 Jl '59.

Kuz'min, V. M. [Urgent objectives of trade-union organizations] Nevidkladni zavdannia profspilkovoi organizatsii. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 19 p.

Labor productivity and some ways to increase it. V. Evstigneev. Agitator no. 1:11-10 Ja '60

Let us promote a new development of industrial efficiency. IA. K. Rudoi. Mashinostroitel' no. 1:31 Ja '60.

Letters to the editors Sots. trud 4 no 11:142-145 N '59.

The management of an enterprise without shop divisions. G. Sergeeva. Sots. trud 4 no. 7:65-70 Jl '59.

Mikheev, N. K. [Decisive condition for the victory of communism; the 21st Congress of the CPSU on the significance of increasing labor productivity in our society] Reshaiushchee uslovie pobedy kommunizma; XXI s"ezd KPSS o znachenii rosta proizvoditel'nosti obshchestvennogo truda. Simferopol', Krymizdat, 1959. 190 p.

Murav'ev, A. M., and A. A. Shiriakov. [The party and people during the large-scale building of communism] Partiia i narod v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 40 p.

Our progress. I. Rotin. V pom. polit samoobr. 3 no. 12:70-75 D '59.

Readers' letters. Izobr. i rats. no. 1:30-31 Ja '60.

Remarkable movement of our time. L. Voznesenskii, F. Volkov Kommunist 37 no. 8:40-60 My '60.

Soldatov, P. N. [Brigades of communist labor] Bryhady komunistychnoi pratsi. [Kharkov] Kharkivs'ke knyzhkove vyd-vo, 1959. 22 p.

Strengthen and develop the communist attitude toward work. S. Konlagin. Komm. Ukr. 35 no. 12:56-62 D '59.

Strengthen the connection with the Society of Inventors and Efficiency Promoters. NTO no 11 53 N '59

Survey of the mass competition among inventors and efficiency promoters. Zhil.-kom. khoz. 9 no. 12:26-27 '59.

Technological progress and reducing labor costs in the manufacturing industry A Katsenelinboigen Sots trud 4 no 11 42-49 N '59

Varsobin, A. K., A. A. Svetlikov, and N. P. Solov'ev. [Communist Youth League groups; from the work experience of Communist Youth League groups in industrial enterprises] Komsomol'skaia gruppa, iz opyta raboty komsomol'skikh grupp na promyshlennykh predpriiatiiakh. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 63 p.

We should keep our word. Mol. komm. no. 12:5-10 D '59.

EFIMENKO, PETR PETROVICH, 1884-

Petr Petrovich Efimenko; on his 75th birthday Sov arkheol no 4:153 '59

EFIMKINA, NINA ANDREEVNA

Nina Andreevna Efimkina. Prep. lit. v shkole 14 no. 6:90 11 N-D '59.

EFREMOV, IVAN SEMENOVICH, 1909-

Nebula of Andromeda A Manevich Chto chitat' 2 no 12 9 D '59

Professor I. S. Efremov. M. G. Chilikin and others. Elektrichestvo no. 12:93 D '59.

EGE-KHAIA—MINE FIRES

Causes of a fire in Ege-Khaia mines. V. I. Alekseev, V. F. Nikolaev. Bezop. truda v prom. 4 no. 1:15-17 Ja '60.

EGGPLANT

Studies on intergeneric vegetative hybridization of tomatoes with the Bolgarskii 14 eggplant. V. K. Symonenko Pratsi Od. un. Zbir. stud. rob. no. 5(vol. 149) 183-185 '59.

EGGS—PRESERVATION

Increasing the vitality of goose embryos through periodic heating and cooling of eggs. IU. N Vladimirova Trudy NIIP 25:209-221 '59.

EGGS—PRODUCTION see subdivision under China

EGYPT—DESCRIPTION AND TRAVEL

In Egypt. V Havryliuk Nauka i zhyttia 9 no. 5:47-49 My '59

EIGENFUNCTIONS

Asymptotic behavior of the eigenfunctions of the Sturm-Liouville problem calculated on the perturbation theory. Shi Chun-tai. Dokl. AN SSSR 131 no. 6:1279-1282 Ap '60.

Estimating the error of eigenvalues calculated by the method of replacement of the kernel by the nearest I. P. Myskovskikh. Mat. sbor. 49 no 3:331-340 N '59.

EISLEBEN, GERMANY—STATUES

As though he were alive. Georg Piel. Sov. profsoiuzy 16 no. 7:38-39 Ap '60.

EKIBASTUZ—COAL

Reconvert large electric power stations of Kazakhstan for the use of Ekibastuz coal. IU. Rozental', G. Khrapkov. Nar. khoz. Kazakh. no. 11:47-50 N '59.

ELASTIC PLATES AND SHELLS

Bending of an unlimited plate supported by an elastic half space with an elastic modulus variable in depth. G. IA. Popov. Prikl. mat. i mekh. 23 no. 6:1095-1100 N-D '59.

Calculating critical speeds of the working wheel of shaft-type centrifugal ventilators. D. IA. Moiseenko. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6:67-70 '59.

Calculating the strained state of a disc having a constant thickness and fitted on a shaft with negative allowance. P. Z. Lifshits. Energomashinostroenie no. 11:44-47 N '59.

Critical values of the intensity of radical compression stresses for circular thin plates. V. M. Makushin. Rasch na prochn no 4:271-298 '59.

Designing momentless slanting shells for permanent vertical loads. V. M. Nikiteev Stroi. mekh. i rasch. soor 1 no. 6:1-6 '59

Designing oval shells of revolution. A. A. Iakhtin, N. I. Spiridonova. Izv. vys. ucheb. zav.; mashinostr. no 5: 84-91 '59.

Designing shallow shells rectangular in plan [with summary in English]. B. N. Fradlin, S. M. Shakhnovs'kyi. Dop. AN URSR no. 11:1202-1205 '59.

Determining stresses in a thin-walled axisymmetrically loaded circular cylinder. V. S Zhukovskii. Rasch. na prochn. no. 4:224-242 '59.

Experimental investigation of the strength and rigidity of thin-walled bent sections G. G. Batovnev, I. S. Sinlagovskii, G. S. Trofimov. Trakt. i sel'khozmash no. 1 26-29 Ja '60

Integrodifferential equations of the local stability of shallow shells. A. A. Berezovskii, A. F. Shestopal. Ukr. mat. zhur. 11 no. 4:434-438 '59.

Method of initial functions in the technical theory of the bending of rectangular plates [with summary in English]. V. A. Agar'ev. Dop. AN URSR no. 11:1206-1210 '59.

Problem on the elastic deformed condition of orthotropic and isotropic parallelopipedons. E. N. Baida. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6:26-42 '59.

ELASTIC PLATES AND SHELLS (Continued)

Solving systems of nonlinear algebraic equations in the theory of shells M.S Kornishin. Izv vys. ucheb. zav., *av. tekh* 2 *no 4:151-154* '59

Some new problems in the dynamics of shells. V. V. Bolotin Rasch na prochn no 4:331-365 '59.

Stability and vibrations of anisotropic plates S. A. Ambartsumian, A A Khachatrian Dokl AN Arm SSR 29 no 4:159-166 '59.

Stability of circular and ring-shaped plates reinforced by annular ribs B K. Ventskovskii Rasch na prochn no 4:293-329 '59.

Theory of shallow laminated plates and shells. B. G. Gazizov Izv vys ucheb zav ;av tekh 2 no 4:79-86 '59

Thermal stresses in elastically supported slabs. E I. Chernigovskaia *Stroi mekh i rasch soor 1 no 6* 39-43 '59

Use of calculating machines in studying states of stress and deformation of short, axisymmetrically loaded thick-walled cylinders in the case of arbitrary radial loading [with summary in English]. O.L. Kvitka. Dop. AN URSR no.10:1071-1076 '59.

Using calculating machines in studying the state of stress and deformation of thick-walled cylinders under arbitrary axial loading [*with summary in English*] *A L. Kvitka* Dop. AN URSR no 12:1300-1305 '59

ELASTIC PLATES AND SHELLS—VIBRATION

Vibrations of a circular thin-walled conic shell. I. I. Trapezin Rasch na prochn no 4:367-373 '59

ELASTIC RODS AND WIRES

Determining the most efficient cross sections vibrating rods V M Bondarenko Visnyk ABiA URSR no 4 33-40 '59

Stability of elastically supported rods with rigidity changing according to the law of the second degree S D Leites Stroi mekh i rasch soor 1 no 6 23-28 '59

Technical theory of bent rods of complex configuration. B A. Berkman Trudy LTIKHP 15:173-185 '58

Torsion of rods having a cross section shaped as a circle cut-off by two parallel chords. L. M Mitel'man. Rasch. na prochn no. 4:179-204 '59

Using the fastest release method in designing thin-walled rods with variable rigidity. A. A. Derkachev. *Dokl. AN* Tadzh. SSR 2 no. 3:3-6 '59.

Using the hypothesis of spherical cross sections in determining stresses and the concentration *coefficient resulting* from the torsion of rods with annular grooves V. A. Ionov. Izv. vys. ucheb zav., mashinostr. no. 5 92-97 '59.

Using the matrix representation of angular focal relations in designing plane rod outlines. A. A. Gorin. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6:19-27 '59.

ELASTIC RODS AND WIRES—VIBRATION

Determining the frequency of free torsional *vibrations in* thin-walled rods O V Luzhin Stroi. mekh *i rasch,* soor 1 no 6 43-46 '59.

Forced lateral vibrations of rods with stepped-variable cross sections in the presence of a concentrated resistance. S. F. Panov. Izv. vys. ucheb. *zav., prib.* no. 3 105-118 '59

Free oscillations of rods with variable cross section. N. V. Vasilenko. Ukr mat. zhur 11 no. 4:443-445 '59.

ELASTIC SOLIDS

Stressed state of flat bending of wedge-shaped *solids.* M. D. Smirnov. Izv. vys. ucheb. zav., *mashinostr.* no. 5: 98-105 '59.

ELASTIC WAVES

Pressure determination in the region of the *wave front.* A. G. Bagdoev. Izv. AN SSSR. Ser. geofiz. no. 5.653-657 My '60.

Propagation of elastic-plastic waves subjected to complex loading. N. Cristescu. Prikl. mat. i mekh. 23 no. 6. 1124-1128 N-D '59.

Propagation of elastic waves in two-component media. L. IA. Kosachevskii. Prikl mat. i mekh. 23 no. 6:1115-*1123 N-D '59.*

ELASTICITY

Buckling of a cantilever cylindrical shell with a ring-stiffened edge under external pressure. V. M. Darevskii, R. I. Kshniakin. Dokl. AN SSSR 131 no. 6:1294-1297 Ap '60.

Construction of Green's *tensor in the case* of a double-curvature, small-angle shell at equilibrium. B. N. Fradlin, S M. Shakhnovskii. *Dokl. AN SSSR 131* no. 6.1298-1300 Ap '60.

Device attached to the extensometer for the determination of Young's modulus. *V. G. Bravinskii, K K Grigor'ev.* Zav. lab. no. 11:1382-1384 '59.

Effect of cold plastic deformation on the elasticity modulus of carbon steels. *A. V. Gur'ev. Fiz.* met. i metalloved. 8 no. 5:777-784 N '59.

Effect of creep at high temperatures on internal friction and elasticity modulus in metals I A *Oding, M G* Lozinskii, L. K. Gordienko. Metalloved. i term obr. met *no 12:24-31 D '59*

Forms of a general solution of the three-dimensional problem in the theory of elasticity, expressed by means *of harmonic functions. V. M* Deev. Prikl. mat. i mekh. 23 no. 6.1132-1133 N-D '59.

On a certain relationship between a plane and spatial axisymmetric problem in the theory of elasticity [in Azerbaijani with summary in Russian]. A. A. Mustafaev, Dokl. AN Azerb. SSR 15 no 11:993-998 '59.

A problem of the equilibrium of an elastic half space. I. Sh Rabinovich. Prikl. mat. i mekh. *23 no. 6:1129* N-D '59

Regularities of changes in the elasticity modulus of rubberized conveyer belts and its effect on the bending stress. P V. IAkovlev. Izv vys ucheb zav., gor zhur. no. 7 99-108 '59

Stresses in an elastic half plane. A. I. Kalandiia. Prikl. mat. i mekh. 23 no. 6:1130-1131 N-D '59.

Two-dimensional problem in the theory of elasticity for a wedge with the stresses of displacements given at the boundary. S. M. Belonosov. Dokl. AN SSSR 131 no. 5: 1042-1045 Ap '60.

Two-*dimensional* problem in the theory of elasticity for an infinite strip with the stresses and displacements given at the boundary S. M Belonosov Dokl. AN SSSR 131 no. 6 1291-1293 Ap '60.

Use of electric prospecting in studying the elastic properties of igneous rocks. Z. G. IAshchenko, I. S. Esakov. Razved. i prom. geofiz. no. 33:23-29 '59.

Vector derivation of formulas on the theory of elasticity showing the relationship between *dislocations and* deformations. V. S. Bozhenko. *Trudy LTA no. 83:* 231-236 '59

ELATOLITE see subdivision under Lovozero region

ELECAMPANE

(see also subdivision under Leningrad Province)

Biology of elecampane (Inula helenium L.) and the accumulation of *essential oils in it. R. A. Butko. Bot.* zhur. 44 no. 12:1741-1747 D '59.

ELECTION LAW see subdivision under Azerbaijan; *Bashkiria,* Nagorno-Karabakh Autonomous Province; Nakhichevan A. S. S. R., Tajikistan

ELECTIONS see subdivision under Finland, Korea, South; Laos; Nigeria

ELECTIONS, LOCAL see Local elections

ELECTRIC APPARATUS AND APPLIANCES

Around the plants. Prom. energ. 15 no. 1:58 Ja '60.

How to determine the power of electric appliances, V. Alekseev. Zhil.-kom. khoz. 9 no. 12:24-25 '59.

Ivanov, B. N., and others. [Technology of the manufac*ture of electric* instruments] Tekhnologiia elektropriborostroeniia, Moskva, Gos. energ. izd-vo, 1959. 590 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi *komitet* po delam stroitel'stva. [Cost manual for the assembling of the equipment] TSennik na montazh *oborudovaniia Izd. 2.* Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

No. 11. [Instruments and apparatus for automatic checking, regulating, and control] Pribory i apparatura avtomaticheskogo kontrolia, *regulirovaniia* i upravleniia, 1960. 71 p.

Using the electric desalter transformer for testing high voltage apparatus. IA S. Kirshenbaum. Neftianik 4 *no. 9:17-18 S '59*

ELECTRIC ARC

Determining the effective value of the pole arc in a motor with an excentric *air gap. V. S. Khvostov.* Trudy MIIT 114:10-16 '59.

ELECTRIC CABLES

Investigating the performance of the cable pickup device of *electric tractors. A. S.* Toman. [Nauch. trudy] VIESHK 3:93-134 '58.

Press-forming of thin-walled aluminum sheaths. A. S. Edel'man, A. V. Shternberg. TSvet. *met.* 32 no. 11:61-64 N '59.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu *elektromontazhnykh* rabot. [Instructions pertaining to dry sealing of power cables with paper insulation] Instruktsiia po *sukhoi zadelke* kontsov silovykh kabelei s bumazhnoi izoliatsei VI-13-59/MS RSFSR. *Moskva, Gos.* energ. izd-vo, 1959. 38 p.

Soldering iron for soldering electric cables. S. G. Gal. Avtom, telem. i sviaz' 4 no. 1:37 Ja '60.

ELECTRIC CABLES—SAFETY MEASURES

Automatic protection of d. c. cables from leakage currents. G. Isakov. *Bezop.* truda v prom. 4 no. 1:33-34 Ja '60.

ELECTRIC CABLES—TESTING

Locating insulation *damage* in cables by means of a d. c. bridge S. I. Tarakanov *Avtom., telem. i sviaz'* 4 no. 1: 41-43 Ja '60.

ELECTRIC CABLES—WELDING

Cold welding of contact cables. K. I. Smirnov, M. I. Ravinskii. Elek. i tepl. tiaga 3 no. 12, 32-34 D '59.

ELECTRIC CAPACITORS

(see also subdivision under Serpukhov)

Calorimetric method for measuring thermal losses in capacitors operating under pulse conditions. G. N. Dul'nev, A. A. Kruglov, S. D. *Rodkevich.* Izv. vys. ucheb. zav., prib. no. 3:127-133 '59.

Errors in the calibration of air-spaced capacitors used in measuring at *stepped up frequencies.* M. A. Guliaev. Trudy VNIIM no. 38:21-29 '59.

Investigating characteristics of nonlinear capacitors. I. A. Budzko, I. F. Borodin. [Nauch. trudy] VIESKh 3. 427-456 '58.

Low-frequency varicond. L. S. Berman, A. P. [illegible] V. K. Subashiev. Radiotekhnika 14 no. 12, 69-70 D '59.

Reference sheet. Radio no. 12:50-51 D '59.

ELECTRIC CIRCUIT-BREAKERS

Reclosing d. c. feeders on electric railroads. B. N. Gr[illegible]kov *Trudy TSNII MPS* no 179:145-158 '59

ELECTRIC CIRCUITS

Analysis of power relationships in a supply system which *contains* distortion-introducing receivers. S. V. Zal'ts-evich. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:20-30 Mr-Ap '60.

Calculation of "two-wire and airplane chassis" electric system with nonsymmetrical loads A A Kovzan. *Trudy* MAI no 102:74-78 '58.

Conference on protection from contacts to ground in systems with a neutral which is insulated or earthed by compensating coils. I. N. Popov, E. M. Fal[illegible] Elektrichestvo no. 12:80-81 D '59.

Constructing some integrating electric circuits. V. I. Usynin. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9 11-14 '59.

Duration of transients in circuits with three-phase rectifier bridges. V. D. Kruchakovich. Elektrichestvo no. 12:61-63 D '59.

Effect of switching surges on arresters having a reduced breakdown voltage. D. V. Shishman. Elektrichestvo no. 12:64-69 D '59.

Electric parameters, and the calculation of the transverse nonsymmetry of the double-wire, *three-phase airplane* electrical system, "two-wires *and chassis*" V. N Istratov. Trudy MAI no. 102:43-56 '58.

Electrical parameters of the "two-wire and chassis" system. A V. Kamenskii. Trudy MAI no. 102:57-61 '58.

Investigating the *conditions of the excitation* of subharmonic oscillations in the oscillatory circuit with a nonlinear inductance B. F. Lastochkin Trudy MEI no 27 [illegible] 218 '58.

Method of calculating the "two-wire and airplane chassis" electric system. A. A. Kovzan. Trudy MAI *no 102*: 68-73 '58.

Methods for calculating steady-state conditions in a linear electric circuit with nonsinusoidal periodic [illegible] voltage T. A Tatur Trudy MEI no 27 23-33 '59

Reactive power of a three-phase circuit in vector coordinates. D. P. Ledniankin. Sbor. nauch trud. IEI no. 8 208-224 '58.

Separate measurement of the uneven and the even harmonics of nonsinusoidal curves. K E. Zaidel, G I Sharekhin. Trudy MEI no. 27 127-132 '58

Shtager, V. V. [Chebyshev approximations used in calculations of electric circuits] Chebyshevskie priblizheniia, primeniaemye v raschetakh elektricheskikh skhem. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 78 p. (*Lektsii* po tekhnike sviazi)

Transients in d. c. control circuits fed *from* translators G. M. Kaspirzhak, E. L. Orkina. Elektrichestvo no. 12 *55-61* D '59.

ELECTRIC COILS

Industrial method for designing ironless inductance coils E. G. Zvenigorodskii, I. G. Fiks. Priborostroenie no. 12:9-11 D '59.

"Universal" machine for winding coils. *S. Sergeev.* Ra tekh. 4 no. 12:57 D '59.

ELECTRIC COILS—TESTING

Device for checking turn-to-turn faults in coils A E Skliarov. Elek. i tepl. tiaga 4 no. 1 27 Ja '60.

ELECTRIC CONDUCTIVITY

Changes in electric conductivity during the sintering of metallic powders. V. N. Eremenko, IA. V. Natanzon. Metalloved. i term. obr. met. no. 1:39-42 Ja '60.

Determining conduction through the head of the teeth in phase compensators of rotor excitation. A. P. Mel'kova. Sbor. nauch trud. IEI no. 8:366-375 '58.

Electrical conductivity of melts in the potassium fluotitanate - sodium chloride systems. F. M. Kolomitskii, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1:21-33 '59.

Excitation of a smooth ideally conducting revolving body Part 1. E. N. Vasil'ev. Izv. vys. ucheb. zav., radiofiz 2 no. 4:588-595 '59.

Excitation of a smooth ideally conducting revolving body Part 2. E. N. Vasil'ev. Izv. vys. ucheb. zav., radiofiz 2 no 4:596-601 '59.

ELECTRIC CONDUCTORS

Current carriers with paired phases. G. S. Borchaninov, I P. Kriuchkov. Izv vys ucheb zav., energ. 2 no. 11-36-41 N '59

Static boundary value problems for a hollow cylinder of finite length P L Kapitsa, V A. Fok, L A Vainshtein Zhur tekh fiz. 29 no. 10'1177-1187 O '59.

Symmetrical electric oscillations of an ideally conducting hollow cylinder of finite length. P L Kapitsa, V A Fok, L A Vainshtein Zhur tekh fiz 29 no 10'1188-1205 O '59

ELECTRIC CONTACTORS

Studying the change in the microstructure of powder metal contacts caused by an electric arc [with summary in English] I. P Melashenko. Inzh.-fiz. zhur. no. 1 41-48 Ja '60.

ELECTRIC CONTROLLERS

Control system for the electric drive of a continuous high-speed cold rolling mill. B N. Draltuk. Elektrichestvo no. 12'35-39 D '59.

Synthesis of correction devices for control systems of electric motors. V. L. Ankhimiuk, O. P. Il'in. Izv. AN Uzb SSR Ser. tekh. nauk no. 6:5-19 '59.

ELECTRIC CRANES

Power characteristics for an asynchronous crane drive with saturated reactors M N. Osokin. Elektrichestvo no. 12:47-50 D '59

ELECTRIC CURRENT CONVERTERS

Blanter, S. G. [Current converters for traction substations] Preobrazovateli toka tiagovykh podstantsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 258 p.

Compensation device for converting power to direct current [with summary in English] M. Duma, M. Syrbu. Avtom. i telem. 20 no. 11 1537-1541 N '59.

Contactless converters A S Kochergin Avtom telem i sviaz' 3 no 12 39 D '59.

Investigating inverter installations under working conditions M. A Chernyshev, S D. Sokolov. Trudy TSNII MPS no 173'4-50 '59

Three-phase current summators. A. V. Kamenskii, V. G. Ter-Zakharian Trudy MAI no 102'34-42 '59.

ELECTRIC CURRENT RECTIFIERS

Advice regarding operation of mercury-arc rectifiers of N60 a. c. electric locomotives F F. Kurenkov. Elek i tepl. tiaga 4 no 1 11-12 Ja '60

Analysis of power relationships in a supply system which contains distortion-introducing receivers S. V. Zakharevich Izv. AN SSSR. Otd tekh. nauk. Energ. i avtom. no 2 20-30 Mr-Ap '60.

Calculation of bridge rectifiers using germanium diodes. P A Kokoshkin. Elektrosviaz' 13 no. 12'67-71 D '59.

Compensation of high-voltage rectifier background in spectrometer units. L S. Gorn, B. I. Khazanov. Prib i tekh eksp. no 6'88-89 N-D '59

Influence of impurities on the effect of a strong field in selenium rectifiers G. B. Abdullaev, M. G Aliev, I. Kh. Geller Fiz. tver tela 1 no. 11.1670-1675 N '59.

Method of uniform loading of converters in 12-phase rectifying M D. Trejvas, I G. Mochenov Trudy TSNII MPS no 173:51-58 '59.

Mobile installation for the forming of the 600 x 6 mercury-arc rectifier V P Bogatyrev. Elek i tepl. tiaga 4 no 1 29 Ja '60

Modernizing low-power rectifiers A F Mynkin, T. K Goncharov, V D Aksenov Avtom telem i sviaz' 3 no 12 24-25 D '59

Restoration of selenium rectifiers. P. I. Fgorov. Elek. i tepl tiaga 3 no 12 31 D '59.

Separate measurement of the uneven and the even harmonics of nonsinusoidal curves K E Zaidel G I Sharokhin Trudy MEI no 27 127-132 '58

Theory of the thermal cycle of radiator-type semiconductor rectifiers [with summary in English]. G. N. Dul'nev, N. N Tarnovskii. Inzh.-fiz. zhur. no. 1:18-24 Ja '60.

Using silicon rectifiers in industry Prom. energ 15 no 1 52-54 Ja '60.

ELECTRIC CURRENTS

Calculating circuits with mutual inductance and the nonlinear elements of inertia P A Ionkin Trudy MEI no 27 60-66 '58

ELECTRIC CURRENTS—GROUNDING

Effect of grounding the neutral on the current intensity in cases of single-phase short circuits. L. E. Ebin, M. S. Levin. [Nauch. trudy] VIESKH 3:463-501 '58.

ELECTRIC CURRENTS, ALTERNATING

Characteristics of nonsinusoidal current circuits; the distortion power. F. Neagu. Sbor. nauch. rab. stud. LGI no. 2:112-124 '57.

ELECTRIC CURRENTS, LEAKAGE

Electronic circuits to prevent leakages. V V. Glushko, D I. Gertsenshtein Prom energ. 15 no 1'40-44 Ja '60.

ELECTRIC DISCHARGE LIGHTING

Use of high-frequency discharge with hydrodynamic compression as a source of light for spectrum analysis of solutions. F A. Korolev, Zh. Zheenbaev. Izv. vys ucheb. zav., fiz no. 5 134-138 '59.

ELECTRIC DISCHARGES

Characteristics of a high-frequency mercury discharge in a permanent magnetic field E I Vavilin, S D. Vagner, A. M Drukman. Zhur. tekh fiz 29 no. 10:1263-1270 O '59

Comparing measured and calculated intensities of neon multiplets [with summary in English] O. A. Mel'nikov. Izv GAO 20 no. 6 28-13 '58

Measuring the temperature of a high-frequency discharge with hydrodynamic compression [with summary in English] Zh. Zheenbaev. Inzh.-fiz zhur no 12'44-49 D '59

ELECTRIC DISCHARGES THROUGH GASES

Right term of the relationship $U_b = f(pd)$ for inert gases. P N. Chistiakov. Zhur tekh fiz. 29 no. 10'1250-1262 O '59.

ELECTRIC DRIVING

Computing static speed characteristics for a controllable mercury arc rectifier-motor system. E. N. Zimin. Elektrichestvo no. 12:39-46 D '59.

Investigating multimotor electric drive which connects production machines by means of a compensator. A. M. Bystrov. Sbor. nauch trud. IEI no. 8.370-394 '59.

Method for calculating static velocity characteristics and selecting feedback parameters in the systems for the automatic stabilization of d. c. motor speed. E. N. Zimin. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:86-92 '59.

Optimum control of an electric drive with the moment of resistance being dependent on the distance displaced. IU. P Petrov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:198-202 Mr-Ap '60.

ELECTRIC ENGINEERING
(see also subdivision under China, Ukraine)

Certificates of invention. Elektrosviaz' 13 no. 10:77-78 O '59.

Certificates of invention. Elektrosviaz' 13 no. 12:74 D '59.

Eliseev, A. A., and V. N. Goloushkin. [Development of electric engineering in the U. S. S. R.] Razvitie elektrotekhniki v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 46 p.

Foreign patents. Elektrosviaz' 13 no. 10'70-80 O '59.

From the pages of foreign magazines. Radio no. 12:52-53 D '59.

[Handbook for the electrical engineer] Spravochnaia knizhka elektrotekhnika. Moskva, Gos. energ. izd-vo, 1960. 143 p.

Instructions pertaining to the calculation of electric loads in industrial enterprises Prom energ 14 no. 12:42-10 D '59.

New achievements in the seven-year plan. N. M. Semenov. Avtom telem i sviaz' 4 no 1:1-3 Ja '60

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering; abstracts nos. I. 1981-6. 7947.] Referativnyi zhurnal: Elektrotekhnika no. 8 Ap '60

[Electrical engineering; abstracts nos. I. 2340-6. 8887.] Referativnyi zhurnal: Elektrotekhnika no. 9 My '60.

[Electrical engineering; abstracts nos. 43590-47607.] Referativnyi zhurnal: Elektrotekhnika nos. 23-24 D '59

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—CONGRESSES

Independent mastering of new technology. I. G. Kiiatskiia. Sbor stud. nauch. rab LPIS no 1.3-4 '59.

ELECTRIC ENGINEERING—MATERIALS

What readers suggest. R. Aktanov and others. Radio no. 12:54 D '59.

ELECTRIC ENGINEERING—SAFETY MEASURES

Dolin, P. A., and P. F. Solov'ev. [Safety engineering] Tekhnika bezopasnosti. Izd. 3., perer. i dop. Moskva, Gos. energ. izd-vo. (Spravochnik elektromontera, no. 5)

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. [Safety rules in the construction and use of communication structures and equipment] Pravila tekhniki bezopasnosti pri ekspluatatsii i stroitel'stvo sooruzhenii i ustroistv sviazi. Moskva, Gos. energ. izd-vo, 1959. 103 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Let's plan correctly the study of general electric engineering in evening school departments. A. V. Kochergin. Sred. spets. obr. 6 no. 11:31-37 N '59.

Prompted by life. A. Okushko. Prof.-tekh. obr. 16 no. 12:12 D '59.

ELECTRIC ENGINEERING—TERMINOLOGY

Voltage. electromotive force and potential difference K M Polivanov Trudy MEI no 27 3-22 '58

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Elizarov, K. N. [Fundamentals of the teaching of the electric field (electrostatics) in secondary schools, teachers manual] Osnovy ucheniia ob elektricheskom pole v srednei shkole (electrostatika); posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 173 p.

Numerical calculation of the electric field of cylindrical electrodes of finite length V V Nitusetskii Trudy MFI no 27,161-178 '58

Simulation of an electric field by measuring the induced current G M Gershtein Izv. vys. ucheb zav., radiofiz. 2 no 4 602-606 '59.

ELECTRIC FURNACES

The DSP-80 electric-arc steel furnace with an 80-ton capacity IU F. Frolov. Biul. tekh.-ekon. inform. no 11'9-10 '59

Electrometallurgical vacuum furnace with device for the changing of specimens without disturbing the vacuum. G. A. Lekhistov. Trudy LILI no. 20 1'5 126 '58.

Heat processes in electric arc furnace linings. A I Dokshitskaia. Trudy Ural politekh inst no 75'123-132 '59

High-temperature resistance furnace with a graphite heater V. V Dobrovenskii, N. D Zherebtsova. Prib i tekh eksp no 6'126-127 N-D '59

Life of varying thickness crowns in electric steel-smelting furnaces. M. N. Kalnicheva, N. A. Tulin, N. I. Fadeeva. Metallurg 4 no. 12:21-22 D '59.

New developments for the complete automatization of arc furnaces. IU. E. Efroimovich and others. Metallurg 4 no. 12:13-16 D '59.

Operation of induction furnaces. V. V. Panin Lit. proizv. no. 12:40 D '59.

Perfect the design of electric arc furnaces and improve the quality of electrical steel. S I. Suchil'nikov, N. F. Dubrov. Trudy Ural. politekh inst. no. 75'133-141 '59

Shape and size of the working area in a six-electrode steel smelting electric furnace. L. E. Nikol'skii, N. V Okorokov Izv vys ucheb. zav.; chern. met. no 3' 169-175 '60.

ELECTRIC GENERATORS

Frequency component circuits of the asynchronous operating cycle of a generator in an electric system. D. P. Letitskin. Sbor. nauch trud. IEI no. 8:223-213 '59.

Increasing the power of diesel locomotive generators by improvement of their ventilation. K. I Rudin, G. M. Kovner, V. D. Kas'ianch. Trudy MIIT no 110:5-35 '59.

Machine constant of low-voltage unipolar generators. V. G. Moszherin. Sbor. nauch trud. IEI no. 8'330 340 '59.

Operating a c. tractor generators. V. Kotlarov. Tekh v sel'khoz. 20 no. 1 50-52 Ja '60

Peculiarities of generators for dielectric heating H IA Zhukhovitskii Trudy MFI no 27 140-153 '58

Regulation of excitation and stability of power station generators working on two systems. A. M. Kostenko and others. Elektrichestvo no. 12:1 9 D '59.

Stationary electromagnetic processes in a multiphase nonsinusoidal e. m. f. generator operating into a load through a nonregulating semiconductor rectifier. G. A. Koval'kov Izv AN SSSR, Otd. tekh. nauk. Energ. i avtom. no. 2:31-37 Mr-Ap '60

Teaching students to understand the electromotive force of electric generators. B. T Dzhupin. Rad. shk 38 no. 12'89-91 D '59

The TMG-30 and TMG-30P-type d. c. tachometer generators. M. A. Borisov, M. V. Khunapetov. Biul. tekh.-ekon. inform. no. 12:13-31 '59.

ELECTRIC GENERATORS—TESTING

Using the model of a long-distance electric-power transmission system for investigating an excitation system with nonlinear compounding. Kh. M. Mamsutov. Izv. AN Uzb. SSR. Ser. tekh nauk. no. 6:33-39 '59.

ELECTRIC HEATING

Calculations for electrical heating installations in hotbeds. V. G. Artamonov [Nauch. trudy] VIESKH 3:188-208 '58.

Calculations for the automatic temperature regulation system in hotbeds. A. A. Glebovich, L. I. Al'tshulin. [Nauch. trudy] VIESKH 3:209-221 '58.

Effect of the heating of reinforcements on the strength of reinforced concrete construction elements. A. IU. Nikol'skii, I. A. Mineeva. Gidr. stroi. 20 no. 2:33-36 F '59.

Electric heating of concrete and soil. A. Gavletyman'kyi. Sil'. bud. 9 no. 11'19-20 N '59.

ELECTRIC INDUSTRIES—PRODUCTION STANDARDS

Active participation of factory collectives. A. Ivanova, P. Maneev. Sots. trud no. 12,104-113 D '58.

ELECTRIC INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Khar'kovo

ELECTRIC INSTRUMENTS see subdivision under Leningrad

ELECTRIC INSULATORS AND INSULATION

Expoxide resins used for insulation of the traction motor windings Elek i tepl tiaga 4 no 1 46 Ja '60

Investigating the electrical durability of turn-to-turn insulation of high-voltage electric machines. E.P. Baldin. Sbor. nauch trud. IEI no. 8·255-266 '58.

Ionization aging of the insulation of the high-voltage electric machinery N S. Il'chenko, V V Zaika Izv. vys ucheb zav., energ 2 no 11 42-16 N '59

Mechanism of the breakdown of impregnated mica tape insulation by current of industrial frequency P V. Borisoglebskii, N S. Il'chenko Izv. vys ucheb zav., fiz no 5 64-71 '59

Putting high voltage electric machines into operation without drying S.A. Gorodetskii Prom energ 14 no. 12 34-42 D '59

ELECTRIC LAMPS

SKh luminaire. Svetotekhnika 5 no. 12,30 D '59.

"Universal" dustproof luminaire. Svetotekhnika 5 no. 12: 30 D '59

ELECTRIC LAMPS, ARC

Automatic adjustment of the arc lamp of a 15,000 lumen motion-picture projector. T.V. Derbisher, V.V. Piskunov. Tekh. kino i telev. 3 no. 11 19-24 N '59.

ELECTRIC LIGHTING

(see also subdivision under Germany, West, Great Britain)

Calculation of optimal and effective curves of the light intensity of luminaires. M.S. Dadiomov. Svetotekhnika 5 no. 12,9-12 D '59.

Consideration of the average brightness of the ceiling and walls in designing luminaires. M. M Epaneshnikov, Svetotekhnika 5 no. 12:5-9 D '59.

Illumination of metallurgical enterprises in accordance with "Construction Norms and Specifications." V. B. Peretts, S. A. Sheinin. Svetotekhnika 5 no. 12;20-22 D '59.

Protection of illumination networks. S. A. Kiuev, Svetotekhnika 5 no. 12,17-19 D '59.

Using electric light on transplants in greenhouses M. M. Oleinik Vest sel'khoz nauki 4 no 12 82-94 D '59

ELECTRIC LIGHTING—SAFETY MEASURES

Electric lighting in plants of the nitrogen industry and of organic synthesis products I I Rakovich Prom energ 15 no 1 44-48 Ja '60

ELECTRIC LIGHTING—TERMINOLOGY

More about terminology. I. B. Levitin. Svetotekhnika 5 no. 12;26-27 D '59.

To the editorial office of "Svetotekhnika." G. I. Ashkenazi, N. K. Sukhov. Svetotekhnika 5 no. 12·27 D '59.

ELECTRIC LINES

Calculation of transient processes in transmission lines by placing an input resistance in the power series. I P. Vereshchagin. Izv. vys ucheb. zav , energ 2 no 11, 26-35 N '59

Combined suspension of conductors of 380/220 v. lines with conductors of telemechanics circuits. Elek sta, 30 no 12;84 D '59

Forced component of commutative overvoltages in long distance electric transmissions and ways of limiting it. A. N Gribov, IU. Kravets. Izv. vys. ucheb. zav , energ. 2 no. 11 13-25 N '59

Generalized coordinates of currents and voltages on long lines of electric systems R I Karaev Trudy MEI no. 27 38-59 '58

ELECTRIC LINES—OVERHEAD

Approaches of overhead power lines to building and structures and crossings over them. A G. Mazhuga, S A Kudriashov. Elek sta 30 no 12;82 D '59

[New 12-channel high-frequency telephone equipment using V-12-2 overhead communication lines] Novaia 12-kanal'naia apparatura VCH telefonirovaniia po vozdushnym liniiam sviazi tipa V-12-2. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 140 p. (Tekhnika sviazi)

ELECTRIC LINES—POLES

(see also subdivision under Leningrad Province)

Approximation method for calculating dynamic stresses in crossbars of anchor poles of electric transmission lines associated with the rupture of wires [with summary in English]. P. M. Neve'kyi. Dop. AN URSR no. 10· 1083-1085 '59.

Calculating the dynamics of strutted poles of 400 kv. electric transmission lines during breakdown operating conditions P. N Nevskii Elek sta 30 no 12;48-53 D '59.

Cantilever clamp for maintaining support B. V Arkhangel'skii Avtom telem i sviaz' 3 no 12 36-37 D '59

Device for determining the height of poles I. N Byvshikh Avtom telem i sviaz' 3 no 12 31-33 D '59

Device for extracting rail struts. N. IA. Shevchenko. Avtom telem. i sviaz' 4 no 1·28-29 Ja '60.

Device for installing reinforced concrete iron struts. V G. Fil'kin Avtom., telem. i sviaz' 4 no 1 31 Ja '60.

Over-all mechanization in constructing rural electric transmission lines. I. Arustamiants. Sel'. stroi. 14 no. 12·8-9 D '59

Standard of transformer substations from 3 to 10 kv for settlements, small industrial and public enterprises and typical uprights for joint suspension of aerial lines from 6 to 10 kv vor networks up to 1,000 v and for broadcasting Prom energ 15 no 1 59-60 Ja '60

Transportation of centrifuged reinforced concrete uprights by rail. P. N Bogdanov and others Elek sta 30 no. 12·32-36 D '59

Using reinforced uprights on 110 kv. electric transmission lines V. S Kondakhchan, M. A Reut Elek sta. 30 no 12;28-32 D '59

ELECTRIC LINES—REPAIRING

Repairing rural electric lines. E. I. Shats. Mekh. i elek. sots. sel'khoz. 17 no. 6:43-44 '59.

ELECTRIC LINES—TESTING

Contemporary methods for determining the character and location of faults in cable lines. A. A. Fedorov, V E. Moiseikin Prom energ 14 no 12·8-14 D '59.

ELECTRIC LOCOMOTIVES

(see also subdivision under Germany, West)

Advice regarding operation of mercury-arc rectifiers of N60 a c electric locomotives. F. F Kurenkov Elek i tepl tiaga 4 no. 1 11-12 Ja '60

Automatic control of condenser traction engines. E. K. Kerrl Izv. vys. ucheb zav.; gor zhur. no 3·119-124 '59.

Bronshtein, A. M., B. S. Katkov, and A. I. Bronfman. [Main switches and arresters of a. c. electric locomotives] Glavnye vykliuchateli i razriadniki elektrovozov peremennogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 54 p. (Bibliotechka mashinista-elektrovoza)

Current collector for underground electric locomotives. P Z Gutsevich, V. P. Kramarev. Biul. tekh.-ekon inform no 11;3-6 '59.

D-764 type ampere-hour meter, D. K. Tereshkov. Ugol' 34 no. 12 26-27 D '59.

Effect of the magnetic system of the traction motor on the utilization of power at high locomotive speeds. G. V. Vasilenko. Trudy MIIT 114,68-83 '59.

Effect of voltage drop in the contact network on the performances of electric rolling stock. V. S. Khvostov. Trudy MIIT 114·60-67 '59.

Improve circuit of automatic control of S^R and S^R_3 electric sections N. G. Visin. Elek. i tepl. tiaga 3 no. 12: 18-19 D '59

Industrial electric locomotives for use in open-pit mining. V. N. Stasiuk Izv vys. ucheb. zav.; gor. zhur. no. 3:111-118 '59

Initial calculation of d.c. electric locomotive motors, V. G. Bezhanov. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9·61-66 '59.

Interruptibility of arc quenching chambers of the contactors of trunk line electric locomotives. K. B. Aleksandrov, V. N. Kabanov, V. P. Fedorchenko. Izv. vys. ucheb. zav., elektromekh. 2 no. 9:67-75 '59.

Kalinin, S. S. [Electric circuits of the VL23 electric locomotive without electric braking, supplement] Elektricheskie skhemy elektrovoza VL23 bez elektricheskogo tormozheniia; prilozhenie. [Moskva] Transzheldorizdat, 1960. 87 p.

Mikheev, A. P., IA. V. Shukstal', and V. A. Dmitriev. [Effectiveness of electric and diesel traction in railroad transportation] Effektivnosti elektricheskoi i teplovoznoi tiagi na zheleznodorozhnom transporte. Moskva, Gosplanizdat. 1960. 302 p.

Rectifier-type electric locomotive for sections with direct and alternating current. Sh S. Logua Zhel dor. transp. 41 no. 12·15-19 D '59.

Using copper plating for restoring brushholder dimensions. S. A. Pushkareva, N. A. Belysheva. Vest. TSNII MPS 19 no 1·59-60 '60.

ELECTRIC LOCOMOTIVES—COLD WEATHER OPERATION

Practical advice pertaining to the work of electric locomotive crews in winter. N. S. Borisov. Elek. i tepl tiaga 3 no. 12;12-14 D '59.

ELECTRIC LOCOMOTIVES—DESIGN

Unsolved problems in the design of the N8 electric locomotive. M. P. Petrov. Elek. i tepl. tiaga 3 no. 12·14-17 D '59.

Ways to lower consumption of mica insulating materials in the construction of electric locomotives. A. V. Sokolov. Elek. i tepl. tiaga 3 no. 12;36-37 D '59.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Supporting type vilite arrester for a. c. electric locomotives A I. Bronfman, M. D. Mekhova Elek. i tepl. tiaga 3 no. 12;34 D '59.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Determining the volume and costs of electric locomotive repairs in repair shops. V. A. Beliaev, N G. Kabenin. Vest. TSNII MPS 19 no. 1 47-48 '60.

Gemko, R. G. [Faulty operation of electric machines] Neispravnosti elektricheskikh mashin. Izd. 5., perer. i dop. L. B. Rivlinym. Moskva, Gos. energ izd-vo, 1960. 254 p.

Improving operating procedures and organization of repair of electric locomotives V. I. Davydkov. Elek. i tepl tiaga 4 no. 1 13-14 Ja '60.

KZh-20 milling machine for facing wheels M I Bruer M A Chistiakov Elek i tepl tiaga 4 no 1 30-32 Ja '60

Recommendations pertaining to the maintenance of the group-switch of the VL 23 electric locomotive O A Chilikin. Elek. i tepl tiaga 4 no 1 38-40 Ja '60

Servicing electric locomotives with shift teams A N. Shepilov. Elek i tepl. tiaga 4 no. 1 18-19 Ja '60

ELECTRIC LOCOMOTIVES—TESTING see subdivision under France

ELECTRIC LOCOMOTIVES—WIRES AND WIRING

Signal system for the skidding of electric locomotive trucks. O. M Khvorostianko Elek. i tepl. tiaga 4 no. 1 23-25 Ja '60.

ELECTRIC MACHINERY

Akademiia nauk SSSR. Komitet tekhnicheskoi terminologii. [Electric machines; types of electric machines] Elektricheskie mashiny, vidy elektricheskikh mashin. Moskva, 1960. 26 p. (Sbornik rekomenduemykh terminov, no. 52)

E. m. f. of commutator machines. Sh. I. Lutidze. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2·202-211 Mr-Ap '60.

Investigation of the ETMM-II system of double flow electrical transmission of mechanical power. L. N. Fedorkov. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9 47-55 '59.

Ionization aging of the insulation of the high-voltage electric machinery N. S. Il'chenko, V. V. Zaika Izv. vys. ucheb. zav , energ. 2 no. 11 42-16 N '59

Methods for economizing electric power in the construction industry. A. B. Topolianskii. Biul. tekh. inform., po stroi. 5 no. 12 25-28 '59.

Modernized PA-400 and P-500M magnetic starters Prom. energ. 15 no. 1 64 Ja '60.

Putting high voltage electric machines into operation without drying. S. A. Gorodetskii. Prom. energ 14 no. 12 31-42 D '59.

Systems of conditionally positive directions and vector diagrams of electric machinery V V Kogen Dalin Trudy MEI no 27 133-147 '58.

ELECTRIC MACHINERY INDUSTRY see subdivision under Georgia

ELECTRIC MACHINES

Electrostatic generators. A Valter Nauka i zhizn' 8 no 10 9-12 O '58

ELECTRIC MACHINING see Electric metal cutting

ELECTRIC MEASUREMENTS

Analysis of errors and a method for processing the results of an experiment during which complex dielectric permeability was measured with a Q-meter circuit. V. N Kudin Trudy MEI no 27 219-231 '58

Analyzing errors in measuring the e. m. f. of standard conventional elements on a current balance. S V. Gorbatsevich. Trudy VNIIM no. 38:5-20 '59.

Bridge for measurement of small capacitances at ultra frequencies. D. I. Zorin, A. M. Brodskii Trudy VNIIM

Compensation method of checking single-phase meters T. B. Rozhdestvenskaia. Trudy VNIIM no. 38;115-125 '59.

Dimensions of the electric and magnetic constants ε and μ . L. N. Stepian. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:109-110 '60.

Errors in the calibration of air-space capacitors used in measuring at stepped up frequencies. M A. G. Trudy VNIIM no. 38;21-29 '59.

Errors in the shunts used for the measurement of large currents. A. S. Rumiantsev, A. A. Chkhiantsev, E. Dubovik. Trudy VNIIM no. 38;76-85 '59.

Highly-reliable concentration indicator with a uniform scale. V. A. Gorbunov, I. I. Zaslavskii. Priborostr. no. 12;3-7 D '59.

Investigation of time parameters of ST-35 electromagnetic receiving apparatus. A. S. Chasovikov. Sbor. st. nauch. rab. LEIS no. 1:65-70 '59.

Locating insulation damage in cables by means of a d-c bridge. S. I. Tarakanov. Avtom., telem i sviaz' 4 no. 1 41-43 Ja '60

Measurement of pulse durations of pendulum transmitters N. M. Timoshenko Avtom. telem i sviaz' 3 no 12 D '59.

Unsymmetrical half-balanced a. c. bridges. Z. I. Zaslavskii. Trudy VNIIM no. 38;30-39 '59.

Use of the nutation method for measuring direct current by means of nuclear magnetic resonance. A. I. Zhernovoi, G. D. Latyshev. Vest. AN Kazakh. SSR 15 no. 12·54-56 D '59.

ELECTRIC METAL CUTTING

Compressed air and electric arc planning of metal. F. I. Koliadin. Sudostroenie 25 no. 12;53-54 D '59

Oxyarc cutting of metals. N. M. Varfolomeev. Svar. proizv. no. 1·35 Ja '60.

Wood drills steel. A. Mitskevich. Znan.-sila 34 no. 26 N '59.

ELECTRIC METERS
(see also subdivision under Czechoslovakia)

Combination device for a c. measurements in rails. IU V. Grigor'ev Avtom telem i sviaz' 4 no 1 34-35 Ja '60

Control device for ZhR-4P transmitter-receiver set. G P Lazarevich Avtom.telem. i sviaz' 4 no 1 40 Ja '60

D-764 type ampere-hour meter. D. K. Tereshkov Ugol' 34 no 12 26-27 D '59

The F13 photocompensation comparator. S. M. Sokolovskii. Biul.tekh -ekon inform no. 12:35-36 '59.

Stabilized source of sinusoidal current for checking devices used for electric measurements. N. M. Rudnyi, A. Z Veksler, L. F. Kobiakov. Trudy VNIIM no. 38:110-117 '59.

ELECTRIC MOTORS, DIRECT CURRENT

Control of a d.c. motor by means of high-frequency pulses. V.D. Nagorskii Izv. AN SSSR. Otd. tekh. Energ. i avtom no. 2 38-43 Mr-Ap '60.

Regulating the rotating velocity of d.c. motors with parallel excitation by changing the magnetic flux. M. D. Nakhodkin. Trudy MIIT 114 4-9 '59.

ELECTRIC MOTORS, INDUCTION

The A2 and A02-type three-phase asynchronous motors. N L Marchenko Biul. tekh -ekon inform. no. 11:40-43 '59

Comparing the results obtained by using the analytic method for determining the starting moment of a single-phase motor with actual measurements of the starting moment during an experiment IU. S. D'iachenko. Izv. vys. ucheb. zav , elektromekh. 2 no. 9 103-108 '59.

Effect of circuits for connecting windings of stator and rotor on the operation of a doubly-fed motor. N.S. Siunov, IU. I. IUshmanov. Izv. vys. ucheb. zav., elektromekh. 2 no. 9:15-19 '59.

Frequency regulation of the speed of asynchronous traction motors. B. K. Basova. Trudy MIIT 114:17-33 '59.

Graphical and analytical method for designing a combined scheme for the replacement of the asynchronous frequency converter and the asynchronous motor. B. K. Basova Trudy MIIT 114:84-98 '59

Long-run power of an asynchronous motor in the case of voltage asymmetry. V. F. Klimov. Trudy MIIT 114 34-47 '59

Mechanical characteristics of asynchronous shortcircuited motors during capacitor braking. L. P. Petrov. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:93-102 '59.

Power characteristics for an asynchronous crane drive with saturated reactors. M. N. Osokin. Elektrichestvo no. 12 47-50 D '59.

Pulsating moment of single-phase electric machines. E. K. Strel'bitskii. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:56-60 '59.

Theory and calculation of motor torques and of the vibratory (radial) forces caused by high and low harmonics of magnetomotive force of the stator's winding during the warming up of multispeed asynchronous short-circuited motors. F. K. Khvostov. Sbor. nauch trud. IEI no. 8:295-318 '58.

Three-phase asynchronous motor in single-phase operation. I. F. Bakhirev. [Nauch. trudy] VIESKH 3:135-148 '58.

ELECTRIC MOTORS, SYNCHRONOUS

Concerning A. V Vlasov's article "Starting the synchronous motor of the ESh-4-40 walking excavator with direct current " A L Khaimovich Prom. energ. 15 no. 1:61 Ja '60

Determining currents of damping windings in salient-pole synchronous machines. I. I. Talalov. Sbor. nauch trud. IEI no. 8 319-335 '58.

Investigating the moment of a synchronous motor with solid poles. A. P. Mukhina. Sbor. nauch trud. IEI no. 8:350-365 '58.

ELECTRIC NETWORKS

Accuracy of a method for determining economical power system operation. L. A. Krumm. Izv. Sib. otd. AN SSSR no. 11,11-18 '59.

Automatic control of the optimal distribution of active loads in power systems including hydroelectric power stations. N. G. Zaitsev. Izv. Kar. i Kol'. fil. AN SSSR no. 3:70-79 '59.

Effect of grounding the neutral on the current intensity in cases of single-phase short circuits. L. E. Ebin, M. S. Levin. [Nauch. trudy] VIESKH 3:483-501 '58.

Equations of transient processes in static elements of the net transferred to the rotating system of coordinates. S V Strakhov Trudy MEI no 27:88-104 '58.

Investigating automatic relay protections activated by a condenser discharge. N. M. Zul'. [Nauch. trudy] VIESKH 3:457-482 '58.

Method for the synthesis of Γ-shaped compensating networks [with summary in English]. K. B. Karandieiev, L. D. Hik. Dop. AN URSR no. 12:1312-1315 '59.

Selecting the phase of the complex coefficient for a composite current filter in the phase comparison protection for compensated networks. N. I. Ovcharenko. Elektrichestvo no. 12. 33-34 D '59.

Systems for the protection of rural distribution networks. I. A. Budzko, N. M. Zul, V. R. Krausp. Elek. sta 30 no. 12:53-57 D '59.

Technical and economic indicators of rural overhead electric networks with new types of wires. M. T. Zhulin [Nauch. trudy] VIESKH 3:502-520 '58.

Two forms of more general equations for the economic factors involved in the operation of consolidated electric power systems. L A Krumm Izv Sib otd AN SSSR no 10 29-36 '59.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

Electric power supply for industrial enterprises A. A Ermilov, L A. Raitsel'skii, M. IA. Shukhatovich Prom energ 14 no. 12 22-29 D '59

Methods for economizing electric power in the construction industry. A R. Topol'anskii Biul. tekh inform. po stroi 5 no 12.25-26 '59.

Our friend cos Φ. P. Tsekhovol'skii. Znan. sila 34 no. 11"10-12 N '59.

A problem of national importance. Mol. komm. no. 12: 35-36 D '59.

Transient processes in electric power systems as a problem in the general theory of oscillations. N. A. Kartvelishvili Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 2:13-19 Mr-Ap '60

We should spare electric power. Agitator no. 23:12-15 D '59.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Nizhniy-Tagil; Novgorod)

Circuits of long distance alternating current transmission. N N. Krachkovskii. Elek sta 30 no 12:43-47 D '59

Effect of intermediate power take-off on the costs of long distance power transmission systems. N. N Krachkovskii. Elektrichestvo no. 12 28-32 D '59.

Effect of the distribution of compensating apparatus on the characteristics of long-distance transmission. A. I Patilova, O. V. Ol'shevskii Izv. Sib. otd. AN SSSR no. 11: 19-27 '59.

Efficient scheme for feeding electric power to nontraction consumers. V. A. Zamiatin, L S Panfil. Elek i tepl. tiaga 3 no. 12 20-23 D '59.

Electric power supply of industrial enterprises. S. I Ogorodnov and others Prom energ 15 no 1 25-30 Ja '60

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoziaistva. [Basic rules pertaining to the volume of remote control to be installed in rural electric power stations and substations; Osnovnye polozheniia po ob"emu telemekhanizatsii sel'skikh elektricheskikh stantsii i podstantsii. Moskva, Otdel tekh. informatsii, 1958. 16 p.

Quantitative evaluation of voltage quality. N. K. Arkhipov. Elektrichestvo no. 12:26-27 D '59.

ELECTRIC POWER DISTRIBUTION—CONGRESSES

All-Union Conference on Electric Power Supply took place 35 years ago. G. O. Levit. Elektrichestvo no. 12:75-76 D '59

ELECTRIC POWER PLANTS
(see also subdivision under Alamedin River; Kazakhstan)

Abolish the shop structure in electric power plants. E Beresnev. Sots trud 4 no 11:82-84 N '59

Baptidanov, L. N., and V. I. Tarasov. [Electric equipment of electric power plants and substations, in 2 volumes] Elektrooborudovanie elektricheskikh stantsii i podstantsii; v dvukh tomakh. Izd. 3., perer. Moskva, Gos. energ. izd-vo.

Vol. 2. [Diagrams for connections. Auxiliary equipment. Distributing equipment. Checking, control, and signalling. Grounding] Skhemy elektricheskikh soedinenii. Sobstvennye nuzhdy. Raspredelitel'nye ustroistva. Kontrol', upravlenie i signalizatsiia. Zazemlenie. 1959. 320 p.

Control and operation of a state regional electric power plant consisting of large power units by means of a telemechanics system. L S. Orelovich. Elek. sta. 30 no. 12:61-66 D '59.

Discussion on the planning of industrial power plants of small and medium capacity. S N. Pod''iakov Prom energ. 15 no. 1:39-40 Ja '60

Further development of mechanization in building thermal power plants. V. G. Grebenkin. Mekh. stroi. 16 no. 12: 10-15 D '59.

Introduction of open thermal electric power plants into power engineering construction. S V. Gridnev Elek. sta. 30 no. 12:6-10 D '59.

Mobile power stations speed up mechanization. B. Smirnov, D. Bystritskii, A. Lukovnikov. Nauka i pered. op. v sel'khoz. 9 no. 12:44-47 D '59.

Polarkov, M. F., and T. M. Polarkova. [Rural electric power stations and substations] Sel'skie elektricheskie stantsii i podstantsii. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 361 p.

Rüstämzadä, P. B. [Electric power stations and substations] Elektrik stansiialary vä iarymstansiialarynyn elektrik hissäsi. Baky, Azärbaichan dövlät neft vä elmi-tekhniki ädäbiiiat näshriiiaty, [In Azerbaijani.]

Pt. 1. 1959. 601 p.

Some basic problems in the development of thermal electric power plants. S. E. Shitsman. Teploenergetika 7 no. 1:87-88 Ja '60.

Use of natural gas by electric power plants. B. I. Shvorin. Gaz. prom. 5 no 1:38-42 Ja '60.

Using precast reinforced concrete construction elements in building thermal power plants. V. G. Grebenkin. Prom. stroi. 37 no. 12:37-41 D '59.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION see subdivision under Bulgaria

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Contactless remote control electronic guard V Orlov Tekh mol 27 no 12 35 '59

Possibility of lowering expenditures on machinery and equipment of electric stations N. N. Antoshin. Elek sta 30 no 12:86-87 D '59

ELECTRIC POWER PLANTS—LOAD

Investigating and exposing the problems of the stability of electric system loads. V. A. Venikov Izv. vys. ucheb. zav., energ 2 no. 11:1-12 N '59

Use of digital computers in calculating the economical distribution of active loads in power systems [with summary in English]. N. A. Kachanova, V. V. Umed'ian. Avtomatyka no. 4.63-72 '59.

ELECTRIC POWER PRODUCTION

Criteria for power quality and the quality of automatic regulation of the power system. V A. Venikov, L. A. Soldatkina. Elektrichestvo no. 12:21-25 D '59.

Electric power production in the seven-year plan G A. Vvedenskii. Vest Inst po Istor b SSSR no 3 18 27 Jl-S '59

Special diagrams and characteristics of turbines for the calculation of the most advantageous distribution of active load in a unified power system. A N. Zolotopol'skii. Elek. sta. 30 no 12:30-40 D '59

ELECTRIC PROSPECTING
(see also subdivision under Siberia, Western, Tuymazy region, Bashkiria)

Berdichevskii, M. N. [Prospecting by the telluric method] Elektricheskaia razvedka metodom telluricheskikh tokov. Pod red. S. M. Sheinmann. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 236 p.

Determining the coefficient of anisotropy and the angle of incidence of a homogeneous anisotropic medium by measuring the impedance of the natural electromagnetic field. D N. Chetaev. Izv AN SSSR Ser. geofiz no. 4. 617-619 Ap '60

Effect of the earth's surface on the electromagnetic field of cylindrical inhomogeneities. D. P. D'iakonov. Izv. AN SSSR, Ser. geofiz., no. 5:730-743 My '60.

Effect of the electric inhomogeneity of surface deposits on the results obtained by the telluric current method. IU. N. Popov. Razved. i prom. geofiz. no. 31:30-38 '59.

The ERSM-57 station for electric prospecting at sea. O. V. Nazarenko. Razved. i prom. geofiz. no. 31:15-21 '59.

Qualitative interpretation of sounding curves as a basis in establishing geotectonic regions. V. I. Fomina. Razved. i prom. geofiz. no. 33:9-23 '59.

Results of studying landslides by methods used in electric prospecting. D. A Tsitsishvili. Trudy Inst. geofiz. AN Gruz. SSR 17:357-370 '58

Ring induction integrator. L. M. Al'pin. Izv. vys. ucheb. zav., geol. i razv. 2 no. 8:131-137 Ag '59.

Use of the telluric current method in the U.S.S.R. K. I. Nikitenko. Razved. i prom. geofiz. no. 33:30-42 '59.

Using low frequency induction logging method in prospecting for pyrite ores in the Northern Caucasus. I. A. Bezruk, P. A. Vinogradov, IU. V. IAkubovskii. Razved i okh. nedr 25 no. 10:33-37 O '59.

Using stepwise curvatures of vertical electric logging graphs in prospecting for water bearing areas in crystalline rocks. B. O. Haman Nauk. zap. Kyiv. un. 16 no. 14:233-238 '57.

ELECTRIC RADIATION

Installation for the electric radiation of transplants in greenhouses. A. IU. Simanovskii. Sad i og. 97 no. 11: 25-27 N '59.

ELECTRIC RAILROADS

Efficient scheme for feeding electric power to nontraction consumers. V. A. Zamiatin, L. S. Panfil. Elek. i tepl. tiaga 3 no. 12:20-23 D '59.

Increase of the operational stability of rail networks M V. Neapolitanov. Avtom telem i sviaz' 3 no 12 34-35 D '59.

Make wider use of regeneration. A. V. Dinkov. Elek. i tepl tiaga 4 no. 1 7 Ja '60.

New variations in a. c. rail networks. N F. Koliiarenko, E. A. Krumin Avtom telem i sviaz' 3 no 12:15-16 D '59.

ELECTRIC RAILROADS—CARS

The ER-6 electric train. A. N. Shirman. Biul. tekh. -ekon. inform. no. 12:60-61 '59.

ELECTRIC RAILROADS—CONGRESSES

Readers conference in Kursk. Elek. i tepl. tiaga 4 no 1 22 Ja '60.

ELECTRIC RAILROADS—COST OF OPERATION

Our results and prospects in conserving electric power. P. P. Eperin, T. P. Tret'iak. Elek. i tepl. tiaga 4 no. 1: 4-6 Ja '60.

Ways for saving electric power and fuel in train traction A V Bychkovksii Elek i tepl tiaga 4 no 1 33-38 Ja '60

We struggle to save each kw A P Bogoliubov Elek i tepl tiaga 4 no 1 6-7 Ja '60

ELECTRIC RAILROADS—CURRENT SUPPLY

BNTU-57 contactless system of remote control for devices of electric power supply on electrified railroads V IA Ovlasiuk, N D Sukhoprudskii. Trud, TSNII MPS no 173 59-82 '59

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Prevention of false cutoffs V G Gurvich, K N Oskolkov Elek i tepl tiaga 4 no 1 20-21 Ja '60

ELECTRIC RAILROADS—RAILS

Approval has been given for the use of graphite grease for the lubrication of rail bonds V B Kantor, G I Koliada Put' i put khoz no 11 12-13 N '59

ELECTRIC RAILROADS—ROLLING STOCK

New book on electric traction ("Mechanical part of electric rolling stock" by D K Minov) Elek. i tepl tiaga 4 no 1 48 Ja '60

ELECTRIC RAILROADS—SUBSTATIONS

Certain problems in designing distribution installations at 110 kv traction substations G. P. Grosman Elek i tepl tiaga 3 no 12 29-31 D '59

Parallel operation of a c traction substations V B Lapin Elek i tepl tiaga 4 no 1 41-44 Ja '60

ELECTRIC RAILROADS—TRAINS

Some constructional deficiencies of the ER 1 electric train V N Petrov Elek i tepl tiaga 4 no 1 9-10 Ja '60

Unjustified sluggishness N I Grigor'ev, B N Samoldin Elek i tepl tiaga 4 no 1 8 Ja '60

ELECTRIC RAILROADS—WIRES AND WIRING

Better transient clips are needed for the contact line system M I Kuvshinov, V P Mikheev. Elek i tepl tiaga 4 no 1 26-27 Ja '60.

ELECTRIC RAILWAY MOTORS

Modernization of the EDT-200 electric traction motor. P F Vazhev Elek i tepl. tiaga 3 no 12 26-28 D '59

ELECTRIC RELAYS

Arrangement for magnetizing permanent magnets of KR-1 and SKR-1 relays O M Kopotilov, A M Piven' Avtom telem i sviaz' 3 no 12 38 D '59

Determination of dynamic and static inductance of pulse relays. P. IA. Korneev. Elektrosviaz' 13 no. 10 71-76 O '59.

Effect of retardation on natural oscillations of relay regulators. I. K. Kisilev. Sbor nauch trud. IEI no. 8:188-207 '58.

Efficient suggestion S I Dmitriev Elek i tepl. tiaga 4 no. 1 25 Ja '60

Graphical and analytical method of investigating the transformer relay system B. G. Ter-Zakharian. Trudy MAI no 102:24-33 '58

Investigation of time parameters of ST-35 electromagnetic receiving apparatus A S. Chasovikov. Sbor stud. nauch rab LUIS no 1:65-70 '59.

Modernization of current relays L I Penzin. Elek. i tepl tiaga 4 no 1 21-22 Ja '60

New design of an oil pressure relay V. N Shikhalev, I. G. Sidorchenko Elek i tepl. tiaga 3 no 12 24-25 D '59.

Removal of old paint from metallic objects. Avtom. telem. i sviaz' 4 no 1 35 Ja '60

Small two-element van-type plug relay. A. I. Kalgushkin. Avtom. telem i sviaz' 4 no 1:14-17 Ja '60.

ELECTRIC RELAYS—TESTING

Portable instrument for testing the KDR relays under continuous and pulsed operating conditions. D. M. Zektser. Priborostroenie no. 12:20-21 D '59.

ELECTRIC RESISTANCE—MEASUREMENT

Combined standard measure of electric resistance. N. M. Rudnyii, V. B. Esrik. Trudy VNIIM no. 38:61-70 '59.

Measuring large resistance by the method of capacitor discharge at constant voltage. G. F. Pankratov. Trudy VNIIM no. 38:45-51 '59.

Transient measurement of an electric resistance of [illegible]-ohms. N. M. Rudnyii, N. P. Vozzhennikova, V. B. Esrik. Trudy VNIIM no. 38:52-60 '59.

se the method of double balancing of a single bridge in e comparison of combined measures of small resis- ce. N. M. Rudnyi. Trudy VNIIM no. 38:71-75 '59.

RESISTORS

checking the electric resistance devices. ov Trudy VNIIM no. 38 86-102 '59.

A., and A. A. Malyshev. [Nonwire fixed Postoiannye neprovolochnye soprotivleniia. os. energ. izd-vo, 1959. 163 p.

ELECTRIC RESONATORS

Tuning a cross-shaped cavity resonator by means of a ferrite A I Tereshchenko, N M Kovtun, S D Dmitriev. Zhur. tekh fiz 29 no 11:1418-1419 N '59

ELECTRIC SHOCK

Case of fatal injury from an electric current following physical therapy S A Zhdanova Sud -med ekspert 2 no 1 48-51 Ja-Mr '59

ELECTRIC SPARK

Influence of third elements in the spark spectrographic analysis of solutions [with summary in English]. A K. Rusanov, L I Sosnovskaia. Zhur. anal. khim 14 no 6 643-657 N-D '59.

ELECTRIC STANDARDS

Standardizing the methods of electric testing of plastics. P N. Shcherbak, B I. Sazhin. Standartizatsiia 23 no. 12. 32-35 D '59

ELECTRIC SUBSTATIONS
(see also subdivision under Minsk)

Baptidanov, L. N., and V. I. Tarasov. [Electric equipment of electric power plants and substations, in 2 volumes] Elektrooborudovanie elektricheskikh stantsii i podstantsii; v dvukh tomakh. Izd. 3., perer. Moskva, Gos energ. izd-vo.

Vol. 2. [Diagrams for connections. Auxiliary equipment. Distributing equipment. Checking, control, and signaling. Grounding] Skhemy elektricheskikh soedinenii. Sobstvennye nuzhdy. Raspredelitel'nye ustroistva. Kontrol', upravlenie i signalizatsiia Zazemlenie. 1959. 320 p.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie tramvaev i trolleibusov. [Safety regulations for urban electric transportation systems] Pravila tekhniki bezopasnosti na gorodskom elektrotransporte. Moskva, Izd-vo M-va kommun. khoz. RSFSR.

Section 3 [Traction substations] Tiagovye podstantsii. 1959. 118 p.

Rüstëmzadë, P. B. [Electric power stations and substations] Elektrik stantsiiarly vë iarymstansiialaryn elektrik hissësi. Baky, Azërbaichan dövlët neft vë elmi-tekhniki ëdëbiiiat nëshriiiaty, [In Azerbaijani.]

Pt. 1. 1958. 661 p.

Standard of transformer substations from 3 to 10 kv for settlements, small industrial and public enterprises and typical uprights for joint suspension of aerial lines from 6 to 10 kv. for networks up to 1,000 v. and for broadcasting Prom energ 15 no 1 59-60 Ja '60.

Using current with a frequency of 100 cps. for the measurement of the dielectric loss-angle tangent and of equipment capacitance under conditions of 50 cps frequency effects. P N Apushkinskii Elek. sta 30 no. 12:59-61 D '59

Utilization of secondary heat at conversion substations with mercury-arc rectifiers V. A Kukhtin Prom energ 15 no 1 34-36 Ja '60

ELECTRIC SWITCHGEAR

"Moving" lights. IUn. tekh. 4 no. 11.70-71 N '59.

ELECTRIC TRANSFORMERS
(see also subdivision under Minsk)

Basic data on power transformers for amplifiers in sound motion pictures. Kinomekhanik no. 12:4 of cover D '59.

Circuits for the substitution of ferrite cores in a wide frequency range. IU. P. Mel'nikov. Radiotekhnika 14 no. 12:58-68 D '59.

Determination of the optimum number of turns for transformer windings A D. Timofeev, V G. Ter-Zakharian Trudy MAI no. 102:20-23 '58

Determining the most advantageous operating conditions for transformers connected according to the circuit transformer--line. V V Mikhailov Elek. sta. 30 no. 12:41-42 D '59

Determining the operational parameters of an automatic regulating transformer in certain cases where it is used for the regulation of voltage in networks. A. V. Shkitov. Sbor. nauch trud. IEI no. 8:244-254 '58.

Elimination of overvoltages from the primary winding of the TKB intermediate saturating transformer. B V. Balaban, V. I Bialkovskii, V M. Shurin Elek sta. 30 no 12:79-80 D '59.

Equivalent circuits of an autotransformer G. V Zeveke Trudy MEI no 27 34-37 '58

Ferroresonant voltage stabilizer with a compensating condenser. V I. Kislov. Radiotekhnika 14 no. 12:71-76 D '59

Graphical and analytical method of investigating the transformer relay system. B G Ter-Zakharian. Trudy MAI no. 102:24-33 '59.

Minsker, E. G. [Assembly of small and medium-sized oil transformers] Sborka maslianykh transformatorov maloi i srednei moshchnosti. Moskva, Gos. energ. izd-vo, 1959. 133 p. (Transformatory, no. 4)

Region of nominal voltages of furnace transformers for electric ore reduction and melting furnaces. G. F Platonov. Prom energ 15 no 1 11-18 Ja '60.

Three-phase current summators. A. V. Kamenskii, V. G. Ter-Zakharian. Trudy MAI no. 102:34-42 '58.

Transformer of two-phase and three-phase current for bringing single-phase loads into symmetry. V. F. Klimov. Trudy MIIT 114:40-59 '59.

Using the electric desalter transformer for testing high voltage apparatus IA S Kirshenbaum Neftianik 4 no 9 17-18 S '59

ELECTRIC TRANSFORMERS—DRYING

Drying of transformers with short-circuited circuits by means of zero-sequence currents A. I Pashnin, A A Plastolov. Elek sta 30 no 12:76-78 D '59

ELECTRIC WAVES

"Phasochron" interaction of harmonically oscillating electrons with the field of a nonmoderated back wave. P. A. Borodovskii Izv Sib. otd. AN SSSR no. 11 3-10 '59.

ELECTRIC WELDING

Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. [E. O. Paton Institute of Electric Welding] Institut elektrosvarki im. E. O. Patona. Pod red. B. E. Patona Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 159 p.

Condenser discharge welding of watch parts by means of impact. V E Moravskii, I. Z Khomenko Avtom svar 12 no 12:65-72 D '59

Electric slag welding of 14 mm. sheets. I. V. Fel'ko Avtom svar. 12 no 12:84 D '59

Melting of the electrode and weld penetration of the base metal in manual arc welding A. G Mazel'. Svar. proizv no 1:13-16 Ja '60.

The MTP-50-type contact spot-welding machine. D V Zhuravlev Biul tekh.-ekon inform no 11:12-14 '59

New ceramic flux for built-up welding. L. G. Livshits, A. I Shiriaev. Svar. proizv no 1:20-20 Ja '60

Paton, B E., ed. [Electric slag welding] Elektroshlakovaia svarka. Izd. 2., ispr. i dop. Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 409 p.

Paton's seam. I. Nekhamkin. Sov. Soiuz no. 1 12-13 '60.

Semiautomatic argon-arc welding with a consumable electrode. V D Tabelev. Svar. proizv no 1:29-31 Ja '60

Some characteristics of the welding process in an atmosphere of carbon dioxide with use of an alternating current R M. Gafan and others Svar proizv. no. 1,24-25 Ja '60

Sterenbogen, IU. A. [Electric slag welding] Elektroshlakovaia svarka. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1959. 81 p. (Biblioteka svarshchika)

Submerged arc welding with a horizontal electrode F. C. Dul'chevskii. Vest TSNII MPS 19 no 1 57 59 '60

Using longitudinal compensation in high capacity contact welding machines. G. A. Shtolnike. Izv. vys. ucheb. zav.: elektromekh. 2 no. 9,30-39 '59.

Using the method of vibro-resistance building-up for repairing parts. V. G. Gevorkian, A. G. Teplov Mashinostroitel' no. 1:11-14 Ja '60

Welding rays B IE Paton Ukraina no 2 9 Ja '60

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Certain characteristics of regulation systems for welding currents with ignitron interruptors. B E Paton, V A Zavadskii. Avtom svar. 12 no. 12:22-27 D '59

Competition for the best electrode holder. A. M. Gel'man. Svar. proizv no. 1:42-45 Ja '60

Manufacturing bicycle tire beads with use of spot welding IU. N. Zaitsev, B A. Kozlov. Avtom. svar. 12 no 12 76-79 D '59.

Repair of damaged insulation of welding cables. Z. I Shuman. Sudostroenie 25 no. 12:58 D '59.

Use of MTS-4 and MTS-5B alloys for electric resistance welding equipment N. A. Kozlov, V G. Kudlibovskii. Svar. proizv no 1 25-27 Ja '60

Ways of increasing the stability of highly efficient welding arcs. G. I Leskov, I I Zaruba. Avtom svar 12 no. 12:34-42 D '59.

ELECTRIC WIRE

Device for the laying on of foil P. B Doronin Avtom. telem i sviaz' 3 no. 12 39-40 D '59

ELECTRIC WIRING

Assembling new type steel-aluminum conductors with the aid of the assembling tables composed for old type conductors. Elek sta 30 no 12:84 D '59

ELECTRICITY—PHYSIOLOGICAL EFFECT

Cataract of both eyes resulting from brief exposures to an ultra-high-frequency electromagnetic field of high density [with summary in English]. I. S. Shimkhovich V. G Shiliaev. Vest. oft. 72 no. 4 12-16 Jl-Ag '59.

ELECTRICITY—TEXTBOOKS

Putilov, K. A. [Textbook of physics] Kurs fiziki. Izd. 4., perer. Moskva, Gos. izd-vo fiziko-matem lit-ry.

Vol. 2. [Electricity] Uchenie ob elektrichestve 1959. 583 p.

ELECTRICITY, ATMOSPHERIC see Atmospheric electricity

ELECTRICITY, INJURIES FROM

Necrosis of both upper extremities following electric current injury B D. Sverdlik Nov. khir zhur. no 6:102 N-D '59

Troitskaia, A.D. [Electrotrauma of the skin] Elektrotravma kozhi. Leningrad, 1947. 166 p.
(MnU)

ELECTRICITY, TERRESTRIAL see Terrestrial electricity

ELECTRICITY IN AERONAUTICS

Optimum operating conditions of the pulsed short-circuit guard in direct-current electric systems V. N. Istratov. Trudy MAI no 102:79-87 '58

ELECTRICITY IN AGRICULTURE

Economize electric power in agriculture. H. IA. Kysten'. Mekh. sil'. hosp. 11 no. 1 7-9 Ja '60.

Electric driving in mechanized tobacco-drying barns. V. E. Melkumian. [Nauch. trudy] VIESKH 3;259-279 '58.

Mechanization and electrification of agriculture in the seven-year plan V pom polit samoobr. 3 no 12:100-110 D '59

Provide agriculture with more electric power. D. Komarov Tekh v sel'khoz 20 no 1 38-39 Ja '60.

Role of the electrification of agriculture in the elimination of basic differences between city and country. V. Rubanik. Komm. Ukr. 35 no. 12:31-37 D '59.

Technological charts for the over-all electric mechanization of dairy farms. S. V. Shchurov, M. E. Beilis. Mekh. i elek. sots. sel'khoz. 17 no. 6 37-40 '59

Use electric power economically and account for it correctly I M Butorin. Uchet i fin v kolkh i sovkhoz 17 no. 2:46-47 F '60

Using high-frequency current for the disinfestation of grain I. S. Smirnova. [Nauch. trudy] VIESKH 3;243-258 '58

ELECTRICITY IN LUMBERING

Centralized power supply for logging camps. L. Ivanov, A Tatarskii Les prom 37 no 12:9-10 D '59

ELECTRICITY IN MINING

Current efficiency of mine electric locomotive motors. F. S. Leont'ev Izv. vys ucheb. zav., gor. zhur. no. 6: 60-65 '59

Load standards for flexible cables in mines. P. L. Svetlichnyi, L. P Lipatov Ugol' Ukr 3 no. 12 23-24 D '59.

Mathematical statistics in analyzing emergencies in open pit mine electric systems L. A. Kim. Izv. vys ucheb zav, gor zhur no. 7:121-126 '59

Research work conducted in 1959 by the G.M.Krzhizhanovskii Electric Power Institute on the use of electric current for repairing the coal layer E. A Meerovich. Podzem. gaz. ugl no 4 30-34 '59.

Synchronous sparkless cam-type switch. N.P.Riashentsev. Izv. vys. ucheb. zav.; gor zhur. no. 7:142-148 '59

Valuable work on mine electrification ("Electrification of mines" by A. N. Bredikhin Reviewed by E. A. Trop). Izv. vys. ucheb. zav., gor. zhur. no 3:160-162 '59.

ELECTRICITY ON SHIPS

Calculating the capacity of electric plants on ships. V. A. Panov. Sudostroenie 25 no. 12:31-37 D '59

Connecting marine synchronous generators for parallel operation by means of self-synchronization. I. S. Eremeev. Sudostroenie 25 no. 11,36-39 N '59.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION

(see also subdivision under Ukraine)

Basic trends leading to complete electrification. I. A. Syromiatnikov. Elektrichestvo no. 12:13-21 D '59.

Lenin and the State Commission on the Electrification of Russia, from personal recollections. V. S. Kulebakin. Vest. AN SSSR 30 no. 4,30-38 Ap '60.

The seven-year plan is the decisive phase in the struggle for the electrification of the whole country. L. N. Samsonov. Vest. Mosk un. Ser. ekon., filos., prava 14 no 4:23-38 '59.

Triumph of Lenin's idea of electrification. Izv. AN SSSR. Otd tekh. nauk Energ. i avtom. no. 2:3-9 Mr-Ap '60.

ELECTRIFICATION OF RAILROADS see Railroads—Electrification

ELECTROCARDIOGRAPHY

Biopotentials of the heart following excitation and inhibition of the central nervous system; effect of bromine and caffeine. N. A. Al'ter, L. A. Pastushok. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 177-181 '59.

Changes in electrocardiograms and arterial blood pressure in experimental jaundice with subsequent development of cirrhosis of the liver in dogs [with summary in English]. I. M. Handzha. Fiziol. zhur. [Ukr.] 5 no. 6: 797-802 N-D '59.

Clinical and electrocardiographic observations during the 1957 influenza outbreak in Stalinabad [with summary in English] I A Vaisburd, P V Zadvorniak Zdrav. Tadzh 6 no 6:19-22 '59

Electrocardiographic changes in patients on the operating table before and after local anesthesia. A E Kucherenko Nov khir zhur no 6:53-55 N-D '59.

Oscillograph EO-7 used as an electrocardioscope. M. I. Bulankin. Fiziol zhur SSSR 45 no 7:886-887 Jl '59.

ELECTROCHEMICAL ANALYSIS

Studying the sorption of cations and water in bentonites. Part I: Use of electrometric titration methods in the study of sorption of cations. M. V. Eirish. Izv. vys. ucheb. zav, khim. i khim. tekh. 2 no. 6:876-880 '59

Using the method of polarization by alternating currents to investigate the kinetics of the interaction between metal and slag. IU P. Nikitin, O. A. Esin. Izv vys. ucheb. zav., chern. met. 2 no. 9:3-14 S '59.

ELECTROCHEMISTRY

Electrochemical study of the interaction between metallic iron and liquid slag (displacement of nickel from slags by the iron) S E. Vaisburd, V L. Kheifets Izv vys ucheb zav; tsvet met 2 no. 6:76-84 '59

ELECTRODES

Certain erosion characteristics of a pulsed electrical discharge as a function of duration [with summary in English]. I. G. Nekrashevich, I. A. Bakuto, M. K. Mitskevich. Inzh.-fiz. zhur. no. 1:62-67 Ja '60.

Electric erosion effect on bimetallic electrodes. I. A Bakuta. Vestsi AN BSSR, Ser. fiz.-tekh. nav no. 4,55-61 '59.

Electric slag welding of heat-resistant chromium steels by means of lamellar electrodes B I Medovar, A. N Safonnikov. Avtom svar. 12 no 12:80-82 D '59

Mechanism of corrosion of iron and carbon electrodes in electric glass furnaces. S. O. Nalchadzhian. Trudy Inst. khim. AN Azerb. SSR 17,114-122 '59.

Numerical calculation of the electric field of cylindrical electrodes of finite length V V Nitsetskii Trudy MEI no 27 164-178 '58

Statistical theory of the double layer at the metal - solution interface V. G. Levich, V A. Kir'ianov. Dokl. AN SSSR 131 no. 5:1131-1136 Ap '60.

Study of a passive iron electrode by a dynamic measurement of its capacitance [with summary in English] A M. Sukhotin, K. M. Kartashova Zhur. fiz khim. 33 no 12: 2649-2651 D '59.

ELECTRODES, CARBON

Machine for making carbon electrodes. N. N. Semenov. Zav. lab. 25 no. 12;1518 '59.

Use of thin-walled carbon electrodes. O. N. Nikitina. Zav. lab. 25 no. 12;1461-1463 '59.

ELECTRODES, DROPPING MERCURY

Some irregular polarization curves on a dropping mercury electrode [with summary in English]. N. V. Nikolaeva-Fedorovich, IU. M. Povarov. Zhur. anal. khim. 14 no. 6;663-667 N-D '59.

ELECTRODES, MERCURY

Autooscillations during the reduction of the $S_2O_8^{=}$ ion on mercury. A. IA. Gokhshtein, A. N. Frumkin. Dokl. AN SSSR 132 no. 2,388-391 My '60.

Electrolysis of a solution of lithium chloride with the use of a mercury cathode. L. A. Alekseeva, G. I. Volkov, E. I. Kus'kina. Zhur. prikl. khim. 32 no. 12:2802-2803 D '59.

ELECTRODES, PLATINUM

Polarographic determination of gold on a rotating microdisc platinum electrode [with summary in English]. M. B. Bardin, V. S. Temianko. Zhur. anal. khim. 14 no. 6;677-681 N-D '59.

ELECTRODIALYSIS

Use of electrodialysis in the medicolegal analysis of alkaloids. N. I Vestfal'. Sud.-med. ekspert. 2 no. 3: 26-31 Jl-S '59.

ELECTROENCEPHALOGRAPHY

Changes in reactive brain potentials in school children after 5-6 hours of mental work. G. N. Speranskii, IU. M. Pratusevich, N. N. Korzh. Dokl. AN SSSR no. 6: 1472-1475 Ap '60.

Influence of afferent stimulation on the focus of pathological activity after the removal of an extracerebral tumor [with summary in English, p. 60-62]. A. A. Sokolova. Vop. neirokhir. 23 no. 6,22-27 N-D '59.

Variations in the electrogram of the cerebral cortex in white rats during epileptiform seizures complicated by experimental motor neuroses. V. M. Vasil'eva. Nauch. dokl. vys. shkoly, biol. nauki no. 2,69-72 '60.

ELECTROFORMING

Some problems of three-phase dynamic forming by alternating current. M. M. Lerner. Izv. vys. ucheb. zav., energ. 2 no. 11:67-73 N '59.

ELECTROHORTICULTURE

Under the sun B Moshkov, V Karmanov Znan sila 34 no. 12:12 D '59

ELECTROLYSIS

Basis for calculating the anisotropic walls and bottom of an electrolytic tank with increased equivalent dimensions. IU M Shamaev, N G Katkov Trudy MEI no 27 105-117 '58

Electrolysis of a solution of lithium chloride with the use of a mercury cathode. L. A. Alekseeva, G. I. Volkov, E. I. Kus'kina. Zhur. prikl. khim. 32 no. 12:2802-2803 D '59.

Electrolytic treatment of metal-ceramic draw plates N. V. Sokolov, A I Levin Zhur. prikl. khim 32 no 8:1771-1781 Ag '59.

Influence of alkali and alkaline earth metals on the zinc yield as related to current in the electrolysis of alkaline and acid solutions. M. D. Zholudev. Zhur. prikl. khim. 32 no. 12:2800-2802 D '59.

ELECTROLYTES

Formation and stability of colloidal nickel compounds in electrolytes of electrolytic solutions. A. L. Rotinian, E. S. Kozich Zhur. prikl. khim. 32 no. 12:2678-2681 D '59.

From the history of the origin and development of the theory of electrolytic dissociation E A. Buchelko Zhur. fiz. khim 33 no 12:2824-2826 D '59

Mechanism of the action of neutral electrolytes on the cohesion of the particles in a coagulation structure G I Fuks Dokl AN SSSR 132 no 1 164-167 My '60

Production of polyelectrolytes based on derivatives of methacrylic and acrylic acid. M N. Savitskaia Zhur. prikl khim. 32 no. 8:1797-1802 Ag '59.

Solubility of poorly soluble salts in aqueous solutions of electrolytes. E B Shternina. Itogi nauki: Khim nauki 4:55-60 '59

Structure of aqueous solutions of electrolytes and the hydration of ions O IA Samoilov. Itogi nauki: Khim nauki 4:48-51 '59

ELECTROLYTES—CONDUCTIVITY

Conductivity of individual electrolytes and systems. M A Klochko Itogi nauki: Khim. nauki 4:6-47 '59

Electric conductivity of solutions of electrolytes in CH_3OH - CH_3OH V. K. Semenchenko, B. Shukurov. Uzb khim. zhur no 6 40-46 '59

ELECTROLYTIC CORROSION

Anode processes involved in the corrosive cracking of metals N D Tomashov, N. I. Isaev. Dokl. AN SSSR 132 no. 2,409-412 My '60.

Mechanism of corrosion of iron and carbon electrodes in electric glass furnaces. S. O. Nalchadzhian. Trudy Inst. khim. AN Azerb. SSR 17;114-122 '59.

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC THEORY

Correlation of electromagnetic field fluctuations in a medium with random inhomogeneities over an ideally conducting surface F G. Bass, E A Kaner Izv. vys. ucheb zav, radiofiz 2 no 4 565-572 '59

Quantum theory of the spatial dispersion of electric and magnetic susceptibilities [with summary in English] O. V. Konstantinov, V. I. Perel'. Zhur. eksp. i teor. fiz. 37 no. 3;786-792 S '59.

ELECTROMAGNETIC WAVES

Build-up of electromagnetic waves in mutually penetrating, infinite, moving media [with summary in English]. G. G. Gelmantsev. Zhur. eksp. i teor. fiz. 37 no. 3;843-846 S '59.

Diffraction of a plane electromagnetic wave from an eliptical semicylinder located on a metal plane. M. S. Antonovskii. Radiotekh. i elektron. 5 no. 5:861-863 My '60

Excitation of a smooth ideally conducting revolving body Part 1. E N Vasil'ev Izv. vys ucheb. zav, radiofiz. 2 no 4 588-595 '59.

Excitation of a smooth ideally conducting revolving body. Part 2 E. N Vasil'ev Izv. vys ucheb zav, radiofiz. 2 no. 4 596-601 '59.

Forced vibrations of mechanical systems in a field of electromagnetic exciters [with summary in English]. R. A. Mozniker. Dop. AN URSR no. 10:1064-1070 '59.

Nonresonance absorption of electromagnetic waves in a magnetoactive plasma [with summary in English]. B. N. Gershman. Zhur. eksp. i teor. fiz. 37 no. 3:695-704 S '59.

Propagation of electromagnetic waves in a medium with random inhomogeneities over an ideally conducting surface E. A. Kaner, F G. Bass. Izv. vys ucheb zav., radiofiz 2 no 4 553-564 '59.

Relativistic kinetic equations for a plasma. Part 1 [with summary in English]. IU. L. Klimontovich. Zhur. eksp. i teor. fiz. 37 no. 3;735-742 S '59.

Simple waves in the Chew, Goldberger, and Low approximation [with summary in English]. I. A. Akhiezer, R. V. Polovin, N. L. TSintsadze. Zhur. eksp. i teor. fiz. 37 no. 3;756-759 S '59.

Wave functions of an electromagnetic field in a vacuum. L. G Moroz, F. I. Fedorov. Trudy Inst. fiz. i mat. AN BSSR no. 3:154-166 '59.

ELECTROMAGNETIC WAVES—DIFFRACTION

Diffraction of electromagnetic waves on a parabolic screen with finite dimensions (axisymmetrical fields) IU. N. Kuz'man Zhur tekh fiz 29 no 11·1301-1311 N '59

Diffraction of electromagnetic waves on an ideally conducting plane with a round aperture G A Grinberg, IU V Pimenov Zhur tekh fiz 29 no 10·1206-1211 O '59

ELECTROMAGNETIC WAVES—MEASUREMENT

Device for measuring the parameters of electromagnetic radiation receivers. A. F. Mal'nev, L. S. Kremenchuhs'kyi Ukr. fiz. zhur. 4 no. 4.522-523 Jl-Ag '59.

ELECTROMAGNETIC WAVES—SCATTERING

Experimental investigation of the scattering of electromagnetic waves on periodically irregular surfaces V. I Aksenov Radiotekh i elektron. 5 no. 5 782-795 My '60.

ELECTROMAGNETISM

Induced e m f spectrum in connection with periodic reversal of ferromagnetic polarity K A Goronina, A A Grachev Izv vys ucheb zav , radiofiz 2 no 4 581-587 '59

ELECTROMAGNETISM—STUDY AND TEACHING

Some aspects of studying the electromagnetic field in secondary schools. N. M. Shakmaev. Izv. APN no. 106: 99-122 '59.

ELECTROMAGNETS

Arrangement for magnetizing permanent magnets of KR-1 and SKR-1 relays O M Kopotilov, A M Piven' Avtom telem i sviaz' 3 no 12 38 D '59

Transformer pump. Iu. Morov. IUn. tekh. 4 no. 12·30 D '59.

ELECTROMECHANICAL ANALOGIES

Analogies in the physics course of secondary schools. S. E. Kamenetskii. Izv. APN no 106·123-147 '59.

Electric modeling of plane frames with fixed joints taking into account the yielding of foundations. K. K. Keropian, IA. D Gil'man. Izv. vys. ucheb zav , stroi. i arkhit. no. 6.43-55 '59.

ELECTROMETALLURGY

Anodic overvoltage and the mechanism of anodic discharge in the electrolysis of cryolite-alumina melt. V. P. Mashovets, A. A. Revazian. Zhur. prikl. khim. 31 no. 4: 571-580 Ap '58.

Simultaneous electrodeposition of metals. B. I. Skirstymonskaia. Zhur. prikl. khim. 31 no. 4·638-640 Ap '58.

ELECTROMETALLURGY—EQUIPMENT AND SUPPLIES

Analytical investigation of electrode regulation systems considering a substantial nonlinearity of the actuating mechanism A I. Sapko Izv vys. ucheb zav ; chern met. 2 no 8·157-170 Ag '59

Variable gas suction from electrolytic baths with current feed from the top. P. G. Simakhina, N. M. Gorlanova. TSvet met. 32 no. 12 47-49 D '59.

ELECTROMOTIVE FORCE

Concentration dependence of the decomposition potentials of compounds formed by aluminum bromide with metal halides in nonaqueous solutions. S. I. IAkubson. Rab. po khim. rastv i kompl. soed no. 2·72-81 '59.

Electromotive forces of chemical cells consisting of single fused salts. B. F Markov. Rab. po khim. rastv. i kompl. soed. no. 2 216-230 '59.

ELECTROMYOGRAPHY

Electric activity of skeletal muscles in man and the act of respiration. IU. S. IUsevich. Fiziol. zhur. 45 no. 12: 1477-1483 D '59.

On the problem of action potentials in myometry. Attempt at interpreting electrohysterographic data obtained on animals under clinical conditions. J. Grasset and others. Akush i gin 35 no. 6 40-46 N-D '59.

ELECTRON BEAMS

Accelerating tube for producing an electron beam of high intensity. G. S. Kaz'min. Izv. vys. ucheb. zav., fiz. no. 5·14-18 '59.

In regard to the article "Ribbon shaped electron beams in a longitudinal uniform magnetic field with arbitrary shielding of the cathode." P D. Bur'ianov. Radiotekh. i elektron 5 no. 5·880 My '60

ELECTRON BEAMS—MEASUREMENT

Measuring the phase width of electron clusters accelerated in a linear accelerator. I A Grishaev and others. Prib i tekh. eksp no. 6:30-32 N-D '59

ELECTRON DIFFRACTION—CONGRESSES

International Symposium on Electron Diffraction at the Fedorov Congress of 1959. Z. G Pinsker. Kristallografiia 4 no 5:801-803 S-O '59

ELECTRON DIFFRACTION EXAMINATION

Studying the short-range order of amorphous semiconductors by the electron diffraction method. L. I. Tatarinova. Kristallografiia 4 no 5:679-683 S-O '59

ELECTRON MICROSCOPY

Electron microscopic investigation of induced rhabdomyoblastoma in rats. IU. S. Chentsov. Dokl. AN SSSR 132 no. 2 447-449 My '60.

Electron microscopic investigation of the ultrastructure of the myelin sheath of a peripheral frog nerve under different conditions of fixation V L Boroviagin. Dokl AN SSSR 132 no 1 203-205 My '60

ELECTRON MULTIPLIERS see Photoelectric multipliers

ELECTRON OPTICS

Diffraction of a plane electromagnetic wave from an eliptical semicylinder located on a metal plane. M S. Antonovskii. Radiotekh. i elektron. 5 no 5·861-863 My '60.

Diffraction of electromagnetic waves on an ideally conducting plane with a round aperture G. A Grinberg, IU. V Pimenov Zhur. tekh fiz 29 no 10·1206-1211 O '59

Focusing properties of an achromatic parallel-beam translation system [with summary in English] G L Vysotskyi, A A Kresnin, B. I Tyshchenko Ukr fiz. zhur 4 no 1 428-431 Jl-Ag '59.

Method of solving a certain class of axisymmetrical problems of the potential theory and its application to the calculation of the fields of electron optical lenses G. A Grinberg, I A Shukeilo. Zhur tekh. fiz 29 no. 11:1293-1303 N '59

Short magnetic lens with distributed winding. V. M. Kel'man, B P. Peregud, V I Skopina. Zhur. tekh. fiz 29 no 10·1219-1224 O '59

Strongly focusing lens with cylindrical poles. I. A. Shukello Zhur. tekh fiz 29 no 10·1225-1227 O '59

ELECTRON-TUBE CIRCUITS see Electronic circuits

ELECTRON TUBES

Current distribution on the surface of an incandescent oxide cathode in ionic devices V D Sobolev Trudy MEI no 27 313-325 '58

Electronic contact tubes. E. V. Bykhovskaia and others. Radiotekh i elektron. 5 no. 5 849-857 My '60

6F1P triode-pentode, A. Azat'ian. Radio no. 12:47-49, 51 D '59.

Use of an auxiliary pulse discharge for raising the protective quality of microwave discharge tubes I V Lebedev Trudy MEI no 27 289-293 '58

ELECTRON TUBES—CONGRESSES

The 9th All-Union Conference on Cathode Electronics. N. IA. Basalaeva and others. Radiotekh. i elektron. 5 no. 5·866-879 My '60.

ELECTRON TUBES—COOLING

Thermal calculations of anodes in electron tubes cooled by radiation in a vacuum V IA. Frenkel'. Zhur tekh. fiz. 29 no 11·1400-1406 N '59.

ELECTRON TUBES—NOISE

Question of the evaluation of the noise qualities of u. h. f. tubes. B. I. Kurilin. Radiotekhnika 14 no. 12:44 D '59.

ELECTRON TUBES—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

ELECTRON TUBES—TESTING

Device for dynamic pulse tests of the receiver amplifier V P. Aksenov Trudy MEI no 27 343-356 '58

ELECTRONEGATIVITY

Electronegativity of elements and the formation of inorganic rings and chains. I. Haiduc. Zhur. ob. khim. 30 no. 4:1395-1396 Ap '60.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS—BIBLIOGRAPHY see Bibliography—Electronic analog computers

ELECTRONIC APPARATUS AND APPLIANCES

Device for observing antenna directivity diagrams on polar coordinates. V. O. Kobak. Elektrosviaz' 13 no 12:72-73 D '59.

Electronic apparatus stands on guard. N. Ovcharenko. Okhr. truda i sots. strakh. no. 12:62-63 D '59.

Electronic oscillograph with pulse feed. E. P. Baldin. Sbor. nauch trud. IEI no. 8.267-277 '58.

Electronic welding. B. N. Kandyrin. Nauka i zhizn' 26 no. 12:66-67 D '59.

Flip-flops using transistors. V. IA. Ovlasiuk. Trudy TSNII MPS no. 173 83-98 '59.

Wide horizons. A. Zhigarev. IUn. tekh. 4 no. 12:14-17 D '59.

ELECTRONIC APPARATUS AND APPLIANCES—TESTING see subdivision under United States

ELECTRONIC CALCULATING MACHINES

The book "Investigations in logic." Reviewed by IU. L. Sagalovich. Avtom. i telem. 20 no. 11:1511-1546 N '59.

Conference on electronic calculating machines. N. V. Korol'kov. Vest. AN SSSR 30 no. 4:136-137 Ap '60.

Digital analogues [with summary in English]. A. V. Shileiko. Avtom. i telem. 20 no. 12:1687-1697 D '59

Gutenmakher, L. I. [Electronic data and logic machines] Elektronnye informatsionno-logicheskie mashiny. Moskva, Izd-vo Akad. nauk SSSR, 1960. 189 p. (Nauchno-populiarnaia seriia)

Quantitative evaluation of operational reliability of computing systems. O. N. Radimov. Izv. AN SSSR. Otd. tekh nauk. Energ i avtom. no. 2·173-176 Mr-Ap '60.

Raising the accuracy of the solution of problems solved with the aid of electronic calculating machine of continuous action I M Tetel'baum, N I Chelnokov Trudy MEI no 27 259-266 '58

Self-perfecting cybernetic control systems with the capacity to learn [with summary in English]. O. H. [illegible]nenko. Avtomatyka no. 4:1-24 '59.

Shift registers with logic feedback and their application in computers and code devices [with summary in English] A. N. Radchenko, V. I. Filippov. Avtom. i telem. 20 no. 11:1507-1514 N '59.

Transistorized phase-shift register G. S. [illegible] stud nauch rab. LEIS no 1·78-82 '59.

Use of digital computers in calculating the economical distribution of active loads in power systems [with summary in English]. N. A. Kachanova, V. V. [illegible] Avtomatyka no. 4:63-71 '59.

Using semiconductor devices in electronic calculating machines V V Vallavko. Trudy Inst fiz i mat. AN [illegible] no 3·85-99 '59.

ELECTRONIC CIRCUITS

Analysis of complex electronic networks. I. IA. [illegible], V. P. Sigorskii. Radiotekhnika 14 no. 12:28-37 D '59

Determination of the stability of translator and electron-tube circuits by means of the real component of the [illegible] immittance A A Kulikovskii. Elektrosviaz' 13 no 12 43-51 D '59.

Inversion as a means of improving class B circuits [with summary in English]. I. I Olfa. Avtom. i telem 20 no. 12:1641-1646 D '59.

Reactive input and output networks of amplifiers with consideration of the terminal magnitude of [illegible] the transformers winding A. E Znamenskii Elektrosviaz' 13 no. 12:52-56 D '59.

ELECTRONIC CONTROL

Automatic guide of the coronograph at the Krym Astrophysical Observatory. E. E. Dubov. Izv. Krym. astrofiz. obser. 13.155-165 '55.

Automatic readjustment of reactive parameters of the cyclotron resonance system. A. V Antonov and others Prib. i tekh eksp. no 6:20-24 N-D '59

Electronic controllers for the ionic frequency [illegible] asynchronous motor system. S. Z. Usmanov. Izv AN Uzb. SSR. Ser. tekh. nauk. no. 6:20-31 '59.

Electronic device for short-delay blasting. [illegible] N. I. Strokov, G. F. Kopichenko. Izv. AN Kazakh. SSR [illegible] gor. dela no. 2:100-105 '59.

ELECTRONIC DIGITAL COMPUTERS

Akademiia nauk SSSR. Vychislitel'nyi tsentr. [Collection of standard and route programs for the BESM electronic computer digital] Sbornik standartnykh i tipovykh programm dlia BESM. Moskva, 1960. 73 p.

Kitov, A. I., and N. A. Krinitskii. [Electronic digital computers and their programming] Elektronnye tsifrovye mashiny i programmirovanie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 572 p.

Lebedev, S. A., ed. [BESM electronic digital computer] Elektronnaia tsifrovaia vychislitel'naia mashina BESM. Moskva, Gos. izd-vo fiziko-matem. lit-ry.

- Vol. 1. Lebedev, S. A., and V. A. Mel'nikov. [General description of the BESM digital computer and its operation] Obshchee opisanie BESM i metodika vypolneniia operatsii. 1959. 208 p.
- Vol. 2. Golovistikov, P. P., A. N. Zimarev, and K. S. Nesiukhovskii. [Arithmetic and control units of the BESM digital computer] Arifmeticheskoe ustroistvo i ustroistvo upravleniia BESM. 1960. 244 p.

Using the "Strela" electronic digital computer in processing measurements of meteor photographs A K Sosnova. Biul Kom. po komet. i meteor. AN SSSR [illegible] 35-41 '59.

ELECTRONIC INSTRUMENTS

(see also subdivision under Czechoslovakia)

Automatic device for measuring fuel consumption. A F Nikol'skii, I. I. Mertekhin. Avt. prom. no. 12:38 D '59

Device for recording the field strength of atmospherics [with summary in English]. A. N. Abramenko Izv. Krym. astrofiz. obser. 18:182-186 '58.

Mobile electronic acoustical and radiometric laboratory A. S. Durasov and others. Biul. tekh. inform. po [illegible] no. 11·14-16 N '59.

Testing physical and technical properties of perhydrol based aerated concrete using electronic instruments E. IA. Ershlor. Trudy NIIZHD no 8:213-218 '59

ELECTRONIC MEASUREMENTS

Accuracy of absolute measurements of the intensity of a photon beam from a synchrotron target by means of ionization chambers. I. N. Usova. Prib. i tekh. eksp no. 6 17-19 N-D '59.

ELECTRONIC MEASUREMENTS (Continued)

Automatic unit for inspecting MLT-type resistance. M.G Zaidenberg. Priborostroenie no. 12,15-17 D '59.

Device for the visual observation of transistor characteristics B Γ Zhuravskii Sbor stud nauch rab LI'ES no 1 61-64 '59

Errors in phase-pulse measurements. O. A. Bakhvalov. Trudy MEI no. 31:69-92 '56.

Measurement of the specific resistance and the Hall constant of high-resistance semiconductors Chiang P'i-huang Prib i tekh eksp no 6:81-82 N-D '59.

Osipov, K. D., and V. V. Pasynkov. [Handbook on devices for radio measurements] Spravochnik po radioizmeritel'nym priboram. Pod red G. A. Remeza. Moskva, Izd-vo "Sovetskoe radio,"
    Pt. 3. [Instruments for measuring the form of oscillations] Pribory dlia izmereniia formy kolebanii. 1959. 170 p.

Using a method which involves a variable reactive load for measuring dielectric properties of materials. V. I. Aksenov Radiotekh i elektron. 5 no.5 771-781 My '60.

ELECTRONICS

Kugushev, A. M. [Radio electronics] Radioelektronika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 59 p.

ELECTRONICS IN NAVIGATION

Shifrin, L. S. [Use of the "Pal'ma" chart matching device in navigation] Ispol'zovanie kartoschitel'noi pristavki "Pal'ma" v sudovozhdenii. Leningrad, Izd-vo "Morskoi transport," 1960. 66 p.

ELECTRONOGRAPHY see Electron diffraction examination

ELECTRONS

Acceleration of electrons in a cyclic traveling-wave waveguide accelerator A A Vorob'ev, A N Didenko, E. S Kovalenko Atom energ 8 no 5 459-461 My '60

Adsorption equilibrium and kinetics in the interaction of atoms adsorbed on a metal through the surface electron gas [with summary in English]. L. I. Krishtalik. Zhur. fiz. khim. 33 no 12:2720-2731 D '59

Determination of the electron density distribution in crystals N N Sirota, N M Olekhnovich, A U Sheleg. Dokl AN SSSR 132 no 1 160-163 My '60

Determination of the g factor by comparing the frequencies of the paramagnetic and cyclotron resonances of electrons. V. N. Lazukin. Dokl. AN SSSR 131 no 5:1064-1066 Ap '60.

Effect of high-energy electrons on complex compounds of platinum. V. I. Spitsyn and others. Dokl. AN SSSR 132 no. 2,406-408 My '60.

From the biography of the electron. D. Danin. IUn. tekh. 4 no.12:20-25 D '59.

Movement of an electron in a magnetic field with regularly varying spatial characteristics V. D. Fedorchenko, B N Rutkevich, B. M. Chernyi. Zhur. tekh. fiz. 29 no 10:1212-1218 O '59

Nonlinear Langmuir oscillations of electrons in a plasma [with summary in English]. M. V. Koniukov. Zhur. eksp. i teor fiz. 37 no. 3:799-801 S '59.

On the derivation of the basic equations of the theory of polarons. Part 2. E. G. Papush. Izv. vys. ucheb. zav., fiz. no. 5,3-5 '59.

Orientation of the π-electron cloud in the cyclopropane ring. V. T. Aleksanian, Kh. E. Sterin. Dokl. AN SSSR 131 no. 6:1373-1375 Ap '60.

Polarization of electrons in bremsstrahlung. A. A. Kresnin. Zhur. eksp. i teor. fiz. 37 no. 3:872-873 S '59.

Radiation method of synthesizing certain derivatives of phosphonitrile chloride. V. I. Spitsyn and others. Dokl. AN SSSR 131 no. 5,1106-1108 Ap '60.

Relation of the Ramsauer-Townsend effect of the mobility of electrons in spectrally pure argon A. A. Vorob'ev and others. Zhur. tekh. fiz. 29 no. 10:1252-1258 O '59.

Thermoelectric coefficients in metals in a strong magnetic field and the effect of drag of electrons by phonons [with summary in English]. L. E. Gurevich, G. M. Nedlin. Zhur. eksp. i teor. fiz. 37 no. 3:765-775 S '59.

Universal character of the penetration of electrons into solids. A. F. Makhov. Fiz. tver. tela 1 no. 11:1749-1751 N '59.

ELECTRONS—CAPTURE

Effectiveness of various parts of the injection pulse in connection with electron capture in a betatron. D. P. Ivanov, IU. S. Korobochko. Zhur. tekh fiz. 29 no. 11: 1414-1415 N '59.

Massey parameter in the theory of atomic collisions. G. F. Drukarev. Zhur. eksp. i teor. fiz. 37 no. 3:847-848 S '59.

Mechanism of capture in betatrons [with summary in English]. I. M. Samoilov. Zhur. eksp. i teor. fiz. 37 no. 3: 705-712 S '59.

ELECTRONS—SCATTERING

Enlarged tables for atomic scattering amplitudes of electrons in agreement with the statistical theory and consideration of exchange. J. A. Ibers, B. K. Vainshtein. Kristallografiia 4 no 5:641-645 S-O '59.

Scattering of an electron on an electron and quantum electrodynamics at small distances. G. V. Avakov Zhur eksp. i teor. fiz. 37 no. 3:848-849 S '59.

ELECTROPHORESIS

Effect of antibacterial substances on the electrophoresis rate of microbes E V Stakhouski Vestsi AN BSSR Ser biial nav no 4 115-121 '59

Electrophoresis of dyes in the gelatin layer of photographic films [with summary in English]. A. Shcheludko, G. Konstantinov, K. TSvetanov. Koll. zhur. 21 no. 6: 747-753 N-D '59.

Generalization of the theory of G. V. Troitskii's method of recording the composition of a mixture by optical means [with summary in English]. IA. M. Bikson. Koll. zhur. 21 no. 6:642-644 N-D '59.

Mechanism of the phenomenon of "electrophoretic homogenization" [with summary in English] V I. Okulov Ukr biokhim zhur 31 no. 5 643-653 '59

Method for the determination of glycoproteins in blood serum. R. A. Ioffe. Lab. delo 6 no 1:11-15 Ja-Fe '60.

Preparative method of electrophoretic separation of blood proteins in starch gel. V. M. Rodionov and others. Lab. delo 6 no. 1,23-25 Ja-Fe '60.

ELECTROPHYSIOLOGY

At the Ninth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists S D. Kovtun Fiziol. zhur [Ukr.] 5 no 6:848-854 N-D '59

Determining the coefficient of polarization in cancerous tumors of the uterus. E. V. Buriakova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:178-181 '60.

Effect of formaldehyde on the coefficient of muscle polarization E. V Buriakova TSitologiia 1 no 6:661-664 N-D '59.

Effect of ultraviolet rays of different wave length on the electric conductivity of the rabbit skin. I. A. Vorob'eva. Nauch. dokl. vys. shkoly, biol. nauki no. 2.173-177 '60.

Eyes generate electricity. IUn. tekh. 4 no. 11:65 N '59.

Research on the development of bioelectric control systems. A. E. Kobrinskii and others. Trudy Inst. mash. Sem. po teor. mash. 20 no. 77:30-50 '59.

Spreading of excitation in the giant nerve fiber of a Pacific squid. A. A. Lev. and others. TSitologiia 1 no. 6: 665-671 N-D '59.

ELECTROPHYSIOLOGY OF PLANTS

Beans turn on the light Znan sila 34 no. 12:13 D '59.

ELECTROPLATING

"Check analysis of galvanic baths and electroplatings" by E. G Kruglova, P M. Viacheslavov Reviewed by I. V Miakhkov. Zav lab no. 11:1408 '59

Testing the protective properties of the BF-2 glue film on electrodeposits. R. G. Genes. Zhur prikl. khim. 32 no. 8 1872-1874 Ag '59.

ELECTRORETINOGRAPHY

Electroretinogram (ERG) and the cornea-inducing ability of the eye. V. V. Popov. Dokl. AN SSSR 131 no. 5:1202-1205 Ap '60.

ELECTROSTATICS

Electrostatic potentials developed during the friction and abrasive wear of rubbers. G. I. Brodskii, M. M. Reznikovskii. Kauch. i rez. 18 no. 12;18-22 D '59.

ELECTROSURGERY

Tolstova, G. M. [Electrosurgical method in treating breast cancer] Elektrokhirurgicheskii metod lecheniia raka molochnoi zhelezy. Moskva, Gos. izd-vo med. lit-ry, 1959. 114 p.
(DNLM)

ELECTROTHERAPEUTICS

Experimental heart defibrillation with electric currents of low tension. V. K. Boiko and others. Nov. khir. zhur no. 6:13-18 N-D '59.

EL'IASHEVICH, MIKHAIL ALEKSANDROVICH, 1908-

On the 50th birthday and 30th anniversary of the scholarly activity of M. A. El'iashevich. Trudy Inst. fiz. i mat. AN BSSR no. 3:3-8 '59

ELUARD, PAUL, 1895-1952

Paul Eluard's verse. A. Mikhailov. Chto chitat' 2 no. 12 23 D '59.

EMASCULATION see Castration

EMBA REGION—PETROLEUM WORKERS—EDUCATION AND TRAINING

Preparing a trained force of petroleum workers during the years of the first five-year plan. K. I. Temirgaliev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:88-93 '59.

EMBANKMENTS see subdivision under Europe, Western

EMBOLISM

Two observations of embolectomy. M. I. Bystritskii. Nov. khir. zhur. no. 6:94-95 N-D '59.

EMBROIDERY

(see also subdivision under Ukraine, Western)

Learning from the people. V. Lipovataia Prom. koop. 13 no. 12 32 D '59.

We embroider. N. I. Zabocheva. Doshk vosp. 33 no. 1: 98-99 Ja '60

EMBRYOLOGY

Effect of gamma rays on embryonic erythropoiesis. A V Rutsian Dokl AN SSSR 132 no 1:206-209 My '60

EMBRYOLOGY—AMPHIBIA

Development of bones of the palatine arch in caudate amphibians. N. S. Lebedkina. Dokl. AN SSSR 131 no. 5: 1205-1208 Ap '60.

Relation between the developing nasolacrimal duct and the covering bones lacrymale and septomaxillare in Hynobius keyserlingii. Dokl. AN SSSR 131 no. 5:1209-1212 Ap '60.

EMBRYOLOGY—BIRDS

Dynamics of pentoses in a developing chick embryo [with summary in English] I D Holovats'kyi Ukr biokhim zhur 31 no 5 745-750 '59

Increasing the vitality of goose embryos through periodic heating and cooling of eggs. IU. N Vladimirova. Trudy NIIP 25:209-221 '59.

EMBRYOLOGY—BOTANY see Botany—Embryology

EMBRYOLOGY—FISHES

Embryonic and larval development of the wrasses Crenilabrus tinca (L.) and C. quinquemaculatus Bloch. N. N. Gorbunova. Trudy SBS 11:174-181 '59.

EMBRYOLOGY—MAMMALS

Interfetal connections during embryonic parabiosis in sheep [with summary in English]. K. M. Kurnosov. Zhur. ob. biol. 20 no. 6:447-454 N-D '59.

EMETICS

New aspect of the pharmacological effect of emetics. A. I. Mordovtsev. Dokl. AN Tadzh. SSR 2 no. 1:63-68 '59.

EMISSION, SECONDARY ELECTRON see Secondary electron emission

EMPLOYEES, DISMISSAL OF

Ancillary action against executives in cases of the wrongful dismissal of workers. A. M. Shlemin. Vest. Mosk. un. Ser. ekon., filos., prava 15 no. 4,161-171 '60.

Such practice we cannot approve. IA. IAnovskii. Sots. zakon. 36 no. 12:20-22 D '59.

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES, TRAINING OF

What can we answer Zoia Mikhaleva. A. Volnov. Mol. komm. no. 12:99-102 D '59.

EMPLOYEES INCENTIVES see Incentives in industry

EMPLOYEES' INVENTIONS see Inventions, Employees'

EMULSIONS

Automatic control of water discharge from electric desalter dehydrators R. B Gun, A. L. Chalko. Neftianik 4 no 9:26-27 S '59

New cavitation method of emulsion polymerization. S. S. Urazovskii. Dokl. AN SSSR 131 no. 6:1393-1395 Ap '60.

Using petroleum-lime emulsifying suspensions for lowering the drying defects in ceramic products. M. I. Khigerovich, A. P. Merkin. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6,3-7 '59.

EMULSIONS—ELECTRIC PROPERTIES

Dielectric constants of petroleum emulsions [with summary in English]. S. F. Khmonin. Koll. zhur. 21 no. 6: 731-738 N-D '59.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING

Lacquer impurities in alkid enamels. I. A. Popova, R. D. Zamyslov. Zhur. prikl. khim. 31 no. 4:652-655 Ap '58.

ENBEKSHI-KAZAKHSKIY DISTRICT—AGRICULTURE

Natural conditions and agricultural development of the Enbekshi-Kazakhskiy District of Alma-Ata Province. E. A. Kazanskaia. Trudy Sekt. geog. AN Kazakh. SSR no. 4: 73-90 '59.

ENBEKSHI-KAZAKHSKIY DISTRICT—PHYSICAL GEOGRAPHY

Natural conditions and agricultural development of the Enbekshi-Kazakhskiy District of Alma-Ata Province. E. A. Kazanskaia. Trudy Sekt. geog. AN Kazakh. SSR no. 4: 73-96 '59.

ENCEPHALITIS

(see also subdivision under Krasnoyarsk Hydroelectric Power Station region; Perm Province)

Popov, V. M. [Carrier of tick-borne encephalitis] Perenoschik kleshchevogo entsefalita; stroenie, zhizn', metody izucheniia i bor'ba s nim. Moskva, Gos. izd-vo med. lit-ry, 1959. 114 p.
(DNLM)

ENCEPHALITIS (Continued)

Role of the Gamasidae in epizootology of tick-borne encephalitis [with summary in English] N I Igolkin, T.A Vershinina, IU V Fedorov Med paraz i paraz bol 28 no 5 568-571 S-O '59

ENCYCLOPEDIAS AND DICTIONARIES

The countries of the East in the "Soviet Historical Encyclopedia " F A Beliaev Probl vostokoved no 2 212-213 '60

ENDARTERITIS

Concerning the effectiveness of block of the lumbar sympathetic ganglia in the treatment of obliterating endarteritis [in Azerbaijani with summary in Russian] B. M Makhmudbekov Azerb med. zhur no 12,14-20 D '59.

ENDOCARDITIS

Changes in the protein fractions and in some immunological and biochemical indexes in rheumatic fever, rheumatoid polyarthritis, and protracted septic endocarditis. N A Makarova, E P Agababova, A A Zlatorunskaia Vrach delo no 11 1211-1213 N '59

ENDOCRINE GLANDS

Effect of palmitic acid ketones on function of the endocrine organs. E P Samborskaia Akush. i gin 35 no. 6 25-27 N-D '59.

ENDOCRINE GLANDS—DISEASES

Averbakh, M.M. [Pathology of dyshormonal diseases and cancer of the breast] Patologiia disgormonal'nykh zabolevanii i raka molochnoi zhelezy. Moskva, Medgiz, 1958. 208 p
(DNLM)

ENDOCRINOLOGY

Seventh ten-day endocrinology conference in Kharkov V I \ Aber Vrach delo no 11 1217-1218 N '59

ENGELS, FRIEDRICH, 1820-1895

[illegible] from the "Correspondence between K. Marx and F Engels'" by V I Lenin Reviewed by A.G. Khomenko Vop filos 14 no. 4 163-166 '60.

Excerpts from unknown letters by K. Marx and F. Engels to G.A. Lopatin. IU.M Rapoport. Ist SSSR 3 no. 6 156-158 N-D '59

F. Engels and problems of modern ethnology; on the 75th anniversary of the publication of "Origin of family, private property and state" by F. Engels. Sov. etn no. 6: 3-15 N-D '59.

How we can establish the authenticity of K Marx's and F Engels' articles ("K Marx's articles in 'Neue Oder-Zeitung'" [in Polish] and "'Die Neue Oder-Zeitung' and Karl Marx as its reporter" [in German] by S Szwan Reviewed by A K Vorob'eva) Vop ist KPSS 4 no 3 196-200 '60

Lenin, V.I. [Abstracts of "Correspondence between K. Marx and F. Engels, 1844-1883"] Konspekt "Perepiski K. Marksa i F. Engel'sa, 1844-1883 gg." Moskva, Gos. izd-vo polit. lit-ry, 1959. 451. p.

New letters of Friedrich Engles. V pom. polit. samoobr. 3 no. 12·105-107 D '59

"Origin of the family, private property and the state" by Friedrich Engels and the present A P Okladnikov Sov arkheol no 1 5-9 '59

Outstanding work of Marxist economics ("Work by K Marx and F Engels. Vol 13. Reviewed by A. Danilov). Part zhizn'Kazakh. 28 no. 7·67-71 Jl '59.

Volume 15 of the works of Karl Marx and Friedrich Engels [with summary in English]. L B. Bibikova. Probl. vostokoved no. 2:170-173 '60

ENGINEERING—PERIODICALS

Readers' suggestions. Izobr. i rats no. 1:56-57 Ja '60.

ENGINEERING—STUDY AND TEACHING

Curricula for the training of welding engineers. A A. Alov. Avtom svar. 12 no 12·85-87 D '59.

ENGINEERING GEOLOGY

Methods of studying fractures in hard and semihard rocks in engineering geological investigations for the construction of hydroelectric power centers in folded regions. V. S. Fedorenko. Vest. Mosk. un. Ser. biol., pochv., geol. geog. 14 no. 2:159-164 '59.

ENGINEERING GEOLOGY—MAPS

Method for plotting maps for purposes of engineering geology. V. P. Solonenko. Trudy Vost.-Sib. fil. AN SSSR no. 10:225-229 '59.

ENGINEERING LABORATORIES

[Design of industrial laboratories and offices of the department of technical control; brief manual] Proektirovanie zavodskikh laboratorii i sluzhb otdela tekhnicheskogo kontrolia; kratkoe spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 154 p.

ENGINEERING STANDARDS see Standards, Engineering

ENGINEERING TOLERANCES see Tolerance (Engineering)

ENGINEERS

Role of the chief engineer in an enterprise. P. Skliarov. Nar. khoz. Kazakh. no. 11.30-34 N '59.

ENGINES—TESTING

Errors in using the statistical method for investigating the wear of engine parts. F.N. Avdon'kin Vest. mash 40 no. 1 26-28 Ja '60.

ENGLISH LANGUAGE—CASE

The genitive case in the English language from the 10th through the thirteenth century. E. M. Mel'tser. Uch. zap. Ped. inst. Gerts. 189 no. 2 37-48 '59.

ENGLISH LANGUAGE—CLAUSES

The adverbial subordinate clause of purpose and its comparison with adverbial purpose expressed by the infinitive and the infinitive phase beginning with "for " M S. Edvabnaia. Uch. zap MGPIIIA 19·175-208 '59.

ENGLISH LANGUAGE—COMPETITIONS

District competition among students in mastering the skill of spoken English L. D TSesarskii Inostr iaz v shkole no. 6·115-118 N-D '59

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Zaimovskii, S. G., comp. [Concise English-Russian and Russian-English dictionary] Kratkii anglo-russkii i russko-angliiskii slovar'. Pod red. A. V. Litvinovoi. Izd 7., ispr i dop. Okolo 18 000 slov. Moskva, Gos. izd-vo inostr. i national'nykh slovarei, 1959. 430 p.
[MICROFILM]

ENGLISH LANGUAGE—DICTIONARIES—UKRAINIAN

Podvez'ko, M. L., ed. [English-Ukrainian dictionary] Anglo-ukrains'kyi slovnyk. N'iu-Iork, 1958. 792 p.
(NN)

Podvez'ko, M. L., comp. [English-Ukrainian dictionary for schools] Anglo-ukrains'kyi slovnykh; shkol'nyi. Blyz'ko 25 000 sliv. Vyd 2. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 702 p.
[MICROFILM]

ENGLISH LANGUAGE—FOREIGN WORDS AND PHRASES

"Sputnik" in the English language. G. G. Pocheptsov. Inostr iaz. v shkole no 6;83-89 N-D '59

ENGLISH LANGUAGE—MORPHOLOGY

IArtseva, V. N. [An historical morphology of the English language] Istoricheskaia morfologiia angliiskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1960. 191 p.

ENGLISH LANGUAGE—PHONETICS

Extent of difficulty encountered in the mastering of English phonemes. I. A. Luknitskii. Uch. zap. Ped. inst. Gerts. 189 no. 2;243-248 '59.

ENGLISH LANGUAGE—SENTENCES

The predicate expressed in the form of stable word combinations in the contemporary English language. M. P. Meshcheriakova. Uch. zap. Ped. inst. Gerts. 189 no. 2: 49-66 '59.

A study of the development of the impersonal sentence in the English language. T A. Rastorgueva. Uch zap. MGPIIIA 19 219-244 '59.

ENGLISH LANGUAGE—STUDY AND TEACHING

"A guide to patterns and usage in English" by A. S. Hornby. Reviewed by T A. Egorova, N. I. Kolpakova, V. IA. Turaeva Inostr iaz. v shkole no. 6:94-97 N-D '59.

"History of the English language" by B. A. Il'ish. Reviewed by L S Barkhudarov. Inostr. iaz. v shkole no. 6: 97-100 N-D '59

The role of visual aids as a means of elucidating the meaning of words in the primary stages of study. V. M. Skripchenko Inostr. iaz. v shkole no 6:44-49 N-D '59.

ENGLISH LANGUAGE—SYNTAX

Methods of studying syntactic complexes of the English language; based on experimental tests A. D. Klimentenko. Inostr iaz v shkole no. 6:32-43 N-D '59

ENGLISH LANGUAGE—TECHNICAL ENGLISH

A study of the principles of the formation of industrial production terminology. A. IA. Eliashberg. Uch. zap. Ped. inst. Gerts. 189 no. 2:89-101 '59.

Working on English scientific and technical texts in senior grades of secondary schools with industrial training; agricultural curricula I. I. Kolesnik. Inostr iaz v shkole no. 6;55-60 N-D '59

ENGLISH LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Egunova, N. A. [English. A textbook of the English language for the 8th grade] English. Uchebnik angliiskogo iazyka dlia VIII klassa. Moskva, Uchpedgiz, 1958. 175 p.
(CLU)

ENGLISH LANGUAGE—VERB

Consultation' Use of the verb "meet." V. V. Rafanovich. Inostr iaz. v shkole no. 6:109 N-D '59.

ENGLISH NEWSPAPERS

Glorious anniversary. V. Tulov. Sov. pech. no. 12;101-102 D '59.

ENGRAVINGS—EXHIBITIONS see subdivision under Moscow

ENGRAVINGS, GREEK—EXHIBITIONS see subdivision under Moscow

ENSEMBLES (MUSIC) see subdivision under United States

ENSEMBLES (MUSIC), CHINESE see subdivision under Moscow

ENSEMBLES (MUSIC), OSSETIAN see subdivision under Moscow

ENSEMBLES (MUSIC), VIETNAMESE see subdivision under Moscow

ENSILAGE

Corn silage in feed rations of young cattle A M [illegible] tov Biul nauch -tekh inform VIZH no 1 23-26 '57

Lowering the cost of corn ensilage. N. N. [illegible] Sel'khoz. Povol. 5 no. 11.81-82 N '59.

Machine for covering silage trenches G. [illegible] Tekh v sel'khoz. 20 no. 1 36-37 Ja '60.

Zhivotko, B. I. [Machines and devices for ensiling corn] Mashiny i prisposobleniia dlia silosovaniia kukuruzy Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959. 40 p.

ENTEROBACTERIACEAE

Heritable variability in certain micro-organisms [illegible] by antibiotics [with summary in English]. S. T. [illegible] Zhur. ob. biol. 20 no 6:481-484 N-D '59.

ENTERTAINERS, RUSSIAN see subdivision under [illegible]

ENTIRE FUNCTIONS see Functions, Entire

ENTROPY

Thermodynamic foundations for the plotting of entropy diagrams of steam-gas mixtures. G. A. [illegible] Teploenergetika 7 no. 1:69-74 Ja '60.

ENZYMES

Enzymatic activity of saliva in dogs. I. A. [illegible], I. S. Dmitrieva. Fiziol. zhur. SSSR 45 no 7:[illegible] Jl '59.

Problem of early diagnosis in acute myocardial infarction B. F. Korovkin, N. A. Belov, A. S. [illegible] 6 no. 1,3-7 Ja-Fe '60

Proteins of wheat germ and their enzymatic activity N. I. Proskuriakov, T. N. Nuzhdina. Nauch. dokl. vys. shkoly; biol. nauki no. 2;140-152 '60.

EOSINOPHILES

Eosinophilic and allergic reaction in echinococcosis [with summary in English] P. S. [illegible] Klin. med. [illegible] no. 12·103-107 D '59

Loeffler's syndrome. F. A. Mikhailov. Klin. med. 37 no. 12,20-42 D '59.

EPHEDRINE

Prolongation of spinal anesthesia by subarachnoid administration of ephedrine, experimental study [with summary in English]. B M. Kupchik. Vest. khir. 83 no. 11·108-112 N '59.

EPHEMERIDES

Approximate ephemerides of the moon and the sun for 1955-1960, and an auxiliary nomogram for calculating the lunar and solar influence on the measured gravity values [with summary in French]. I. D. [illegible] Biul. Inst. teor. astron. 6 no. 5;312-345 '56.

EPIC POETRY
(see also subdivision under Caucasus, Northern)

Ideological unity of Ukrainian and Russian folk epics K. IU. Danylko. Nar. tvorch. ta etn. 3 no. 3:3-10 Jl-S '59.

Published by the State Publishing House for Pedagogical Literature. ("Epos of the Slavic peoples." Book review). Lit. v shkole 20 no. 6:80 N-D '59.

EPIC POETRY, OSSETIC

Amazon motif in the Ossetic Nart epos. B. A. [illegible] Krat. soob. Inst. etn. no. 32;45-51 '59.

EPIDEMIOLOGY

Activities of the Main Office of the Department of Hygiene, Microbiology, and Epidemiology of the Academy of Medical Sciences of U. S. S. R. during 1958. D. N. [illegible], A. I. Danilov. Vest. AMN SSSR 14 no. 12:54-60 '59.

"Course in epidemiology," edited by Professor I. I. Elkin. Reviewed by I F. Pichkur. Sov zdrav 19 no 1:83-87 '60

EPIDEMIOLOGY—RESEARCH see subdivision under Ashkhabad

EPIDERMIS see Skin

EPILEPSY

Dynamics of epileptic seizures in cases of cerebral tumors [with summary in English, p 61]. IU. F. Beliaev. Vop. neirokhir 23 no. 6:27-30 N-D '59

Peculiar form of epilepsy found predominantly in childhood (paralytic form of epilepsy) [with summary in French]. V. A. Karlov. Zhur. nevr. i psikh. 59 no. 12 1455-1461 '59.

EPIPHYSIS—ABNORMITIES AND DEFORMITIES

Dysplasia epiphysalis multiplex [with summary in English]. V. A. D'iachenko. Vest. rent. i rad. 34 no. 2:8-14 Mr-Ap '59.

EPIPHYTES

Pseudomonas epiphytica nov. sp. a new species of epiphytic micro-organisms [with summary in English]. IU. M. Vozniakovskaia. Mikrobiologiia 28 no. 6:900-903 N-D '59.

EPOXY RESINS

Gluing marine metal structures. A. I. Pavlov. Sudostroenie 25 no. 12 38-41 D '59.

EQUATIONS

Solving systems of nonlinear algebraic equations in the theory of shells M. S. Kornishin Izv. vys. ucheb. zav., av. tekh 2 no. 4:151-154 '59

EQUATIONS—NUMERICAL SOLUTIONS

Zaguskin, V. L. [Handbook on numerical methods for solving algebraic and transcendental equations] Spravochnik po chislennym metodam resheniia algebraicheskikh i transtsendentnykh uravnenii. Pod red. A. M. Lopshitsa. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 216 p.

EQUATIONS, DIFFERENCE see Difference equations

ERBIUM

Quantitative determination of ytterbium in the presence of large amounts of erbium by means of oscillographic polarography [with summary in English]. IA. P. Gokhshtein, G. A. Kutyreva Zhur. anal. khim. 14 no. 6: 691-695 '59.

ERGOT

Field cultivation of ergot in the U. S. S. R. N. I. Ostrovskii, M. A. Kriukova Med. prom. 13 no. 12:11-15 D '59.

ERIVAN—HISTORY

Concerning the date of the founding of Erivan [in Armenian with summary in Russian] N. V. Arutiunian. Ist.-filol. zhur. no. 2/3, 78-96 '59.

ERIVAN—INSTRUMENT INDUSTRY

Training specialists at a plant S. Taraian. NTO no 11 60 N '59

EROSION

(see also subdivision under Carpathian Mountains; Kazakhstan, Kuybyshev Province; Tajikistan; Zharly Valley)

Erosion of loess shores of the Kakhovka Reservoir. V. I. Griaznov, V. K. Rudakov. Gidr. stroi. 28 no. 4 32-33 Ap '59.

Forecasting erosion of shores of water reservoirs. E. F. Vasil'eva Gidr. stroi. 28 no. 4:28-31 Ap '59.

ERRORS, THEORY OF

Errors in pilot balloon observations. I. G. Kurdiani. Trudy Inst. geofiz AN Gruz. SSR 17:469-505 '58

ERYTHREMIA

Contribution to a study of the effect of the nervous system on hypoxic erythrocytosis [with summary in English]. Z. I. Barbashova and others. Fiziol. zhur. SSSR 45 no. 7 856-864 Jl '59.

ERYTHROBLASTOSIS FETALIS

Erythroblastosis (icteric form of hemolytic disease) in newborn infants and its treatment [in Azerbaijani with summary in Russian]. G. S. Aleskerov. Azerb. med. zhur. no. 11 31-35 N '59

ERYTHROCYTES

All-Union conference on the biophysics of erythrocytes. V. E. Kuznetsov. Izv. Sib. otd. AN SSSR no. 11:103-104 '59.

Change in the resistance of the erythrocytes in healthy and decorticated dogs at high temperatures. Z. T. Tursunov. Izv. AN Uz. SSR. Ser. med. no. 6:21-24 '59.

Diameter of erythrocytes in normal persons [with summary in English, p 57]. G D. Gol'dberg, L. M Krasnoslobodtseva, S. I. Afonasova Probl. gemat. i. perel krovi 4 no. 12:26-30 D '59.

On V. N. Martynova's article "Physiological features of interrelated indicators of red blood cells," A. S. Troitskii. Izv. Otd est. nauk AN Tadzh. SSR no. 3:87-90 '59.

Toward an estimation of a special norm ("normal") for the erythrocyte sedimentation rate P. A. Podrabinek. Vrach. delo no. 11 1213-1215 N '59

ESCHERICHIA COLI

Clinical aspects and treatment of colienteritis. R. S. Mindlina and others. Vop. okh. mat. i det. 4 no. 6:86 N-D '59.

Mechanism of the action of levomycetin (chloramphenicol). Report No. 4: Effect of levomycetin on pyroracemic acid metabolism in colon and Flexner's bacilli and its relation to the aeration degree of the culture medium [with summary in English]. A. I. Korotiaev. Mikrobiologiia 28 no. 6:851-857 N-D '59.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925

Unknown verse of Esenin. S. Obolenskii. Neva no. 11:222 '59.

ESOPHAGUS—CANCER

Case of intrathoracic prosthesis of the esophagus. E M Borovyi Nov. khir. zhur. no. 6:90-91 N-D '59.

ESOPHAGUS—DISEASES

Metastatic abscesses of the brain in children with cicatricial stenosis of the esophagus L. V Mikhailova Vop neirokhir 23 no. 6 46-47 N-D '59.

ESOPHAGUS—FOREIGN BODIES

Extraction of foreign bodies from the esophagus and respiratory tracts in children E A. Tartakovskii Nov. khir. zhur. no 6:92-93 N-D '59.

ESOPHAGUS—INNERVATION

Innervation of the esophagus in day-old chicks. M. F. Lebedeva. Nauch. dokl. vys. shkoly; biol. nauki no. 2: 49-52 '60.

ESPIONAGE, AMERICAN

[Aggressors must be exposed to public scorn; truth about the provocative intrusion of the American airplane into the air space of the U. S. S. R.] Agressorov k pozornomu stolbu, pravda o provokatsionnom vtorzhenii amerikanskogo samoleta v vozdushnoe prostranstvo SSSR. Moskva, Izd. Soiuza zhurnalistov SSSR, 1960. 190 p.

Dangerous provocative acts by the enemies of peace I. Sedin Nov vrem 18 no 20 12-14 My '60

Socialism, peace, and prosperity Kommunist 37 no. 8: 3-12 My '60

ESSENCES AND ESSENTIAL OILS

(see also subdivision under France)

Biology of elecampane (Inula helenium L.) and the accumulation of essential oils in it. R. A. Baiko. Bot. zhur. 44 no. 12:1741-1747 D '59.

Essential oil from the fruits of wild carrot, Daucus carota L. (Central Asia). G. V. Pigulevskii, V. I. Kovaleva. Zhur. prikl. khim. 32 no. 12:2703-2706 D '59.

Essential oil industry in the U. S. S. R. I. G. Kettman. Trudy Bot. inst Ser 5 no. 7:63-67 '59.

Investigating the essential oil of the Artemisia rutaefolia. M. I. Goriaev, Zh. K. Gimaddinov. Zhur prikl. khim. 32 no. 8:1878-1880 Ag '59.

ESSENTUKI—DEAF—SOCIETIES, ETC.

Regular activities of a district office. A. Novak. Zhizn' glukh. 12 no. 12:16 D '59.

ESTERIFICATION

Determining the degree of esterification of carboxymethylcellulose (KMTs) M. Z Finkel'shtein, I M Tiunokhin, Kh. U. Mukhamedov Khim. nauka i prom. 4 no 5:677 '59.

Studying the reactions of certain intermediate products in the process of liquid phase oxidation of octadecane. I. V. Berezin, A. M. Ragimova. Dokl. AN Azerb. SSR 15 no. 11:1015-1017 '59.

ESTERS

Alkylation of simple and compound α-chloro esters by olefins. D. S. Mekhtiev and others Dokl. AN Azerb. SSR 15 no. 12:1115-1118 '59.

Reactions of halo metallo alcoholates. Part 7: Reactions of magnesium halo carbinolates of tertiary alcohols with esters. I. I. Lapkin, M. N. Rybakova. Zhur. ob. khim 30 no. 4:1227-1230 Ap '60.

Reactions of tert. butyllithium with esters. A. D. Petrov, E. B. Sokolova, Kao Ching-lang. Zhur. ob. khim. 30 no. 4:1107-1117 Ap '60.

ESTONIA—JOURNALISM

Improve your skill A. Saaremägi. Sov. pech no 12. 60-62 D '59.

ESTONIA—LIGHTWEIGHT CONCRETE

Slate fly-ash concrete in the Estonian S. S. R. F. P. Kiviselg. Trudy NIIZHB no. 9:106-117 '59.

ESTONIA—PASTURES AND MEADOWS

Effectiveness of perennially cultivated pastures. A. Movsisiants. Ekon. sel'khoz. 30 no. 9 44-47 D '59.

ESTONIA—PLANTS, PROTECTION OF

Obligatory plant protection measures in Estonia B A Khaloiko Zashch rast ot vred. i bol 4 no. 3:15 My-Je '59

ESTONIA—THEATER

"Love and life." R. Krechetova. Teatr 21 no. 1:109-100 Ja '60.

ESTONIA—VEGETABLE GARDENING

Honoring the plenum of the Central Committee of the CPSU. P. I. Isakov. Sad i og. 97 no 11.5-6 N '59.

ETHANE

Argentometric method for the determination of hexachlorethane (fasciolin). P. P. Suprun Med. prom. 13 no. 12: 43-45 D '59.

Interaction between hexaethyldiplumbane and halogen alkyls. G A Razuvaev, N S. Viazankin, IU. I. Dergunov Zhur. ob. khim. 30 no 4 1310-1316 Ap '60

Participation of the solvent in the formation of the activated complex in Menshutkin reactions. Report No. 1: Kinetics of the reaction between pyridine and ethyl iodide in ethyl alcohol at pressures up to 2000 kg./cm^2. M. G. Gonikberg, B. S. El'ianov. Izv. AN SSSR Otd. khim. nauk. no. 3 413-418 '60.

Role of the solvent in the activated complex in Menshutkin reactions. Report No. 2: Evaluation of the extent of solvation of the activated complex in the reaction of pyridine with ethyl iodide in ethyl alcohol and acetone. M. G. Gonikberg, B. S. El'ianov. Izv. AN SSSR Otd. khim. nauk no. 4:629-635 Ap '60.

ETHANEDIOL

m- and p-Aminophenylethylene glycols. I. M. [illegible] and others. Zhur. ob. khim. 30 no. 4:1290-1291 Ap '60.

ETHANETHIOL

Suppression of radiation depolymerization of deoxyribonucleic acids by substances inhibiting free-radical reactions. N. M. Emanuel' and others. Dokl. AN SSSR no. 6:1451-1453 Ap '60

ETHANOL

Addition of ethylene chlorohydrin to α-methylvinyl phenyl ether. A. K. Gorban'. Izv. AN SSSR Otd. khim. nauk no. 4:759 Ap '60.

Complex formation between ethanolamines and various organic compounds. B. V. Tronov, G. L. Ryzhova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:908-909 '59.

Determining the content of carbon dioxide in monoethanolamine solutions and in acid solutions of monoethanolamine and sodium sulfates. M. K. Shchennikova, I. A. Korshunov. Zhur. prikl. khim. 32 no. 8:1870-1873 Ag '59.

Hexamethyleneimine derivatives. Part 5: Esters of β-N-hexamethyleneiminoethyl alcohol. G. S. Kolesnikov, A. G. Sudarnova. Zhur. ob. khim. 30 no. 4:1153-1155 Ap '60.

Research in the field of amino ethers. Report No. 2: Synthesis of β-dialkylaminoethyl ethers of β,β,β-trisubstituted ethyl alcohols. A. L. Mndzhoian and others. Dokl. AN Arm. SSR 29 no. 4:187-192 '59.

Some characteristics of the reaction in which ethylene oxide is formed from ethylene chlorohydrin. P. V. Zimakov, L. M. Kogan. Zhur. prikl. khim. 31 no. 4:613-620 Ap '58.

ETHER

Addition of ethylene chlorohydrin to α-methylvinyl phenyl ether. A. K. Gorban'. Izv. AN SSSR Otd. khim. nauk no. 4:759 Ap '60.

ETHER (ANESTHETIC)

Treatment of biliary calculi with ether. A. M. Mal'kov. Zdrav. Turk. 3 no. 5:24-26 S-O '59

ETHERS

Preparation of β-chloroethyl isopropyl, β-chloroethyl isoamyl, β-chloroethyl hexyl, and β-chloroisopropyl isobutyl ethers from unsaturated hydrocarbons. A. K. Seleznev. Zhur. prikl. khim. 31 no. 4:620-624 Ap '58.

Synthesis and conversions of trialkylallylethynylvinylalkyl ethers. M. F. Shostakovskii, E. P. Gracheva, I. A. Kamtenko Dokl. AN SSSR 132 no. 1 153-156 My '60.

Synthesis and investigation of γ-halo ethers of the aliphatic series. Sh. Mamedov. Trudy Inst. khim. AN SSR 17:78-145 '59.

Synthesis of ferrocenylcarbinol ethers. A. N. Nesmeianov and others. Izv. AN SSSR Otd. khim. nauk., no. 3 554-555 '60.

ETHICS

Difference between the ethics of communism and religion E G Filimonov Sred. spets. obr. 6 no. 12 31-36 D '59

ETHICS, COMMUNIST see Communist ethics

ETHIOPIA

Ethiopia. N. Gavrilov. Otv. na vop. trud. no. 100:31-57 '59.

ETHNOLOGICAL MUSEUMS AND COLLECTIONS

(see also subdivision under Lvov; Rumania)

Chronicle on a rug. S. Pavlova. Neva no. 10:210 '59.

ETHNOLOGICAL RESEARCH

(see also subdivision under China; Odessa Province)

Historical decisions of the 21st Congress of the CPSU and the objectives of folklore studies and ethnography. Nar. tvorch. ta etn. 3 no. 2:3-14 Ap-Je '59.

ETHNOLOGY

(see also subdivision under Australia; Azerbaijan; Bulgaria; China; Kazakhstan; Pechora Valley; United States)

F. Engels and problems of modern ethnology; on the 75th anniversary of the publication of "Origin of family, private property and state" by F. Engels. Sov. etn. no. 6: 3-15 N-D '59.

Session on the results and prospects of studies by archaeologists and ethnologists during expeditions. V. Gorelov, O. Korbe. Sov. etn. no. 6:156-161 N-D '59.

ETHNOLOGY—PERIODICALS see subdivision under Austria, West, Poland

ETHYL ACETATE see subdivision under Asha

ETHYL ALCOHOL

Determination of the acidity of ethyl alcohol. I. Z. Emel'ianova, G. D. Georgievskaia. Gidroliz i lesokhim prom. 12 no. 8 15-16 '59

Phase equilibria in the system anthranilic acid - water - ethyl alcohol I. I. Krupashkin. Zhur ob khim 30 no. 4 1078-1081 Ap '60

Supplementary data on the equilibrium in the synthesis of ethyl alcohol IU M Bakshi, A I Gel'bshtein, M I Temkin Dokl AN SSSR 132 no 1 157-159 My '60

ETHYLAMINE

Some results of clinical tests of the new anticancer drugs etimidin and embitol [with summary in English] I M Petsakhovich Vrach delo no 11 1129-1133 N '59

ETHYLENE

Anisotropy of the thermal expansion of polytetrafluoroethylene rolled in one direction A V Sidorovich, E V Kuvshinskii Zhur tekh fiz 29 no 10·1271-1272 O '59

Apparatus for the production of ethylene and the preparation of gas mixtures B. V Vladimirov, L A. Galkin. Razved. i prom. geofiz no. 33,67-69 '59.

Arkhipov, V. N. [Resin from petroleum and chlorine; polyvinyl chloride resin] Smola iz nefti i khlora, polivinilkhloridnaia smola. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 34 p (Khimiia v narodnom khoziaistve)

Catalytic polymerization of olefins Report No. 6· Effect of adding certain metal oxides to the NiO - Al_2O_3-silica gel catalyst on its activity in the polymerization reaction of ethylene IA. T. Eidus, K. V. Puzitskii, B. A. Kazanskii. Izv. AN SSSR Otd. khim. nauk. no. 3·513-518 '60.

Catalytic polymerization of olefins. Report No. 7. Polymerization of ethylene over a nickelous oxide - aluminosilicate catalyst. IA T. Eidus and others. Izv AN SSSR Otd. khim. nauk no. 4,703-706 Ap '60

Determining the molecular weight of polyethyleneterephthalate from the end groups. S. P. Matveeva, V. A. Miagkov. Khim. volok. no 5;18-21 '59.

Effect of iron salts on the kinetics of the reaction between polyethylenepolyamines and hydroperoxides, and utilization of this reaction for the initiation of polymerization. B. A. Dolgoplosk, D. Sh. Korotkina Zhur. prikl. khim. 31 no. 4;625-630 Ap '58.

Ethylene-propylene copolymer "C-23" (from "Rubb. a Plast. Age," 40, no. 5, 1959). Kauch. i rez. 18 no 12 57 D '59.

High-temperature catalytic alkylation of isobutane by ethylene under pressure. L. Kh Freidlin, A. A. Balandin, N. M. Nazarova. Izv. AN SSSR Otd. khim. nauk. no. 3: 409-412 '60.

Highly temperature condensation of tetrachloroethylene with aromatic hydrocarbons and olefins. A. D. Petrov, G. I. Nikishin, G. V. Somov. Dokl. AN SSSR 131 no. 5: 1098-1101 Ap '60.

Kinetics of vapor phase hydration of ethylene on a phosphoric acid catalyst. A. I. Gel'bshtein, IU. M. Bakshi, M. I. Temkin. Dokl. AN SSSR 132 no. 2,384-387 My '60.

1-Phenyl-2-trifluoromethylethylene, phenyltrifluoromethylacetylene, and their derivatives. L. M. IAgupol'skii, IU. A. Fialkov. Zhur. ob. khim. 30 no. 4:1291-1294 Ap '60.

Pyrolysis of weighted raw materials for producing pyrolysis gas enriched by ethylene R G. Ismailov, Z A. Sultanov, T M Ivanova. Azerb neft khoz. 37 no. 6: 34-39 Je '58

Structural and mechanical properties of solutions and gels of some synthetic polymers. K. S. Akhmedov. Uzb. khim. zhur. no. 6 34-39 '59

ETHYLENE GLYCOL

Reaction of N-(carboxyphenyl) amides of succinic acid with ethylene glycol and glycerol. M. S. Dudkin. Zhur. prikl. khim 32 no. 8;1883-1885 Ag '59.

ETHYLENE OXIDE

Some characteristics of the reaction in which ethylene oxide is formed from ethylene chlorohydrin. P. V. Zimakov, L. M. Kogan. Zhur. prikl. khim. 31 no. 4:613-620 Ap '58.

Surface active agents based on ethylene oxide. K. G. Mizuch, R. A Lapina. Khim nauka i prom 4 no. 5: 592-598 '59.

ETHYLENEDIAMINE

Use of ethylenediamine for the synthesis of unsaturated nitro compounds of the aromatic series. O. M. Lerner. Zhur. prikl. khim. 31 no. 4:663-664 Ap '58.

ETIQUETTE FOR CHILDREN AND YOUTH

Discussions of the student's behavioral level of development. S B. Khmyrov. Nach. shkola 27 no. 12,64-65 D '59.

Gurova, R. G. [Children's behavior in public] Povedenie detei v obshchestvennykh mestakh. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Gos. 'Roditeliam o vospitanii)

EUCOMMIA

(see also subdivision under Tajikistan)

Microbiological maceration of eucommia leaves. Report No. I· Optimum conditions for maceration by an active complex of micro-organisms [with summary in English]. I. L. Rabotnova, M. B. Kupletskaia, V. M. Kuznetsova. Mikrobiologiia 28 no. 6·874-880 N-D '59.

EUGENOL

Allylation of phenol compounds in the presence of a copper catalyst S. G. Mel'kanovitskaia, I. P. TSukervanik. Dokl AN Uz. SSR no. 11 40-44 '59.

EUPHRATES RIVER

Muranov, A. P. [Rivers Euphrates and Tigris] Reki Evfrat i Tigr. Leningrad, Gidrometeor. izd-vo, 1959. 138 p. (Reki zemnogo shara)

EUROPE—POPULATION

Material on the birth rate during the 20th century in the European countries. V. M. Liubavin. Sov. zdrav 18 no. 12 53-58 '59.

EUROPE, EASTERN—COMMUNIST YOUTH

Heroic page in the life of the young generation. A. Sukharev Mol komm no 12 108-119 D '59.

EUROPE, EASTERN—ECONOMIC CONDITIONS

Achievements of our friends. Agitator no. 24:33-35 D '59

The world system of socialism. M. Spiridonov, M. Paromov, IU. Kuz'michev Agitator no 1:19-24 Ja '60

EUROPE, EASTERN—GEOLOGY, STRATIGRAPHIC

Notes on a working conference on the principles of periodicity and stratigraphy of the Paleolithic period in Eastern Europe A A Velichko Izv AN SSSR Ser geog no 2 139-142 Mr-Ap '60

EUROPE, EASTERN—LAW—PERIODICALS

Classified index of articles published in the legal periodicals of European people's democracies in the second half of 1958 Izv. vys ucheb. zav , prav. 3 no. 4;173-185 '59.

EUROPE, EASTERN—PALEONTOLOGY

New data on Quaternary fauna in the western part of Germany and its comparison with fauna in Eastern Europe Vera Gromova. Biul. Kom. chetv per no. 23: 75-81 '59

EUROPE, EASTERN—RURAL ELECTRIFICATION

Farm electrification in European people's republics. O. V. Adelung. Mekh. i elek. sots. sel'khoz. 17 no. 6:54-55 '59.

EUROPE, EASTERN—SOILS—MAPS

Report on the International Conference on Mapping East European Soils. A. A. Erokhina. Pochvovedenie no. 12: 110-111 D '59

EUROPE, EASTERN—STONE AGE

Notes on a working conference on the principles of periodicity and stratigraphy of the Paleolithic period in Eastern Europe A A. Velichko Izv. AN SSSR Ser geog no 2 139-142 Mr-Ap '60.

The settlement of Eastern Europe in the Paleolithic epoch. S N Bibikov. Sov arkheol no 1 19-28 '59.

EUROPE, WESTERN—COMMUNIST PARTIES

Communist parties of Western Europe during the Second World War Georges Cogniot. Vop ist. KPSS 4 no 3. 90-116 '60

EUROPE, WESTERN—EMBANKMENTS

Use of reeds in hydraulic engineering (from "Die Wasserwirtschaft" no. 5, 1958). V. N. Gorinskii. Rech. transp. 18 no. 11;51-52 N '59.

EUROPE, WESTERN—FACTORIES—DESIGN AND CONSTRUCTION

[Designs of industrial buildings in foreign countries] Primery konstruktivnykh reshenii promyshlennykh zdanii za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. mat., 1959. 52 p. (Opyt stroitel'stva, no. 26)

EUROPE, WESTERN—FEUDALISM

Zaporozhets, N. I. [A study of the theme "The establishment of feudalism in Europe" in a course on medieval history] Izuchenie temy "Ustanovlenie feodal'nogo stroia v Evrope" v kurse istorii srednikh vekov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 140 p. (Iz opyta uchitelia)

EUROPE, WESTERN—INLAND WATER TRANSPROTATION

Cargo transportation in floating containers. T. A. Pitarin. Rech. transp. 18 no. 11;52-53 N '59.

EUROPE, WESTERN—IRON AND STEELWORKERS

Round table discussion of steelworkers from Germany, Belgium, France, Italy and Luxembourg. Pierre Gensous. Vsem. prof. dvizh. no. 4:43-44 Ap '60.

EUROPE, WESTERN—ORTHODOX EASTERN CHURCH

Survey of the Exarchate of the Moscow Patriarchate in Western Europe in 1958. Zhur. Mosk. Patr. no. 3:24-25 Mr '60.

EUROPE, WESTERN—TRADE UNIONS

Proposals by the World Federation of Trade Unions concerning the unemployment situation in Western Europe. Ruggero Spesso. Vsem prof. dvizh no. 6: 44-46 Je '59.

Round table discussion of steelworkers from Germany, Belgium, France, Italy and Luxembourg. Pierre Gensous. Vsem. prof. dvizh. no 4:43-44 Ap '60.

Textile, clothing, leather and fur workers oppose the Common Market G. Glisiere Vsem. prof. dvizh no. 6 41-43 Je '60

EUROPE, WESTERN—UNEMPLOYED

Proposals by the World Federation of Trade Unions concerning the unemployment situation in Western Europe Ruggero Spesso Vsem. prof. dvizh no. 6 44-46 Je '59.

EUROPEAN COAL AND STEEL COMMUNITY

Unjustified hopes. M. Panov. Mezhdunar. zhizn' 7 no. 5 124-126 My '60.

EUROPEAN COMMON MARKET

Textile, clothing, leather and fur workers oppose the Common Market. G. Glisiere. Vsem. prof. dvizh no. 6· 41-43 Je '59.

Trade unions face the European Common Market by drawing up their demands. Vsem. prof dvizh. no. 6 37-40 Je '59.

EUROPEAN WAR, 1914-1918 see subdivision under Austria

EUROPIUM

Electrolytic reduction of europium. D. I. Riabchikov, IU. S Skliarenko, N S. Stroganova. Zhur. neorg. khim. 4 no. 12·2602-2607 D '59.

EUROPIUM—DECAY

Positron spectra of Eu^{152} and Eu^{152m} [with summary in English]. S. F. Antonova and others. Zhur. eksp i teor fiz. 37 no. 3:667-671 S '59.

EURYGASTERS

Effect of shield bug damage to grain on the gluten quality of different wheat varieties. M. N. Babaian. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6;49-57 '59.

EVAPORATING APPLIANCES

Chernobyl'skii, I. I. [Evaporators; fundamentals of the theory and computations] Vyparnye ustanovki, osnovy teorii i rascheta. [Kiev] Izd-vo Kievskogo univ., 1960. 261 p.

Investigating condensation processes of solutions in apparatus with a submerged heating surface. P. K. IAnkevich. Sbor. nauch trud. IEI no. 8 114-120 '58.

EVAPORATION

Evaporation of small free singular drops of various liquids at small Reynolds values in connection with flow about the drops. M. D. Apashev, R. V. Malov. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 2·185-191 Mr-Ap '60.

EVENING AND CONTINUATION SCHOOLS

Characteristics of the work in schools for working youth. F. R. Filippov. Prep. ist. v shkole 14 no 6:35-37 N-D '59.

Concerning the draft physics program for evening (staggered) schools. L. E. Ventskovskii. Sov. pedag. 23 no. 12:48-51 D '59.

Examination system in the schools for working youth. P. G. Toporov. Sov. pedag. 24 no. 1:73-78 Ja '60

Let's plan correctly the study of general electric engineering in evening school departments. A. V. Kochergin. Sred. spets. obr. 6 no. 11:31-37 N '59.

More about measuring the knowledge of student in evening school departments. M. M. Dromitskii. Sred. spets obr. 6 no. 11;38-41 N '59.

Problems of teaching geography in evening (night shift) secondary schools of general education. F. N. Shevnikov. Geog. v shkole 22 no. 6;47-51 N-D '59.

Research on problems concerning schools for working and rural youth. Sov. pedag. 24 no. 1:152-154 Ja '60

Teaching foreign languages in evening (staggered) and seasonal schools. Inostr. iaz. v shkole no. 6:14-18 N-D '59.

Teaching literature to student-workers. M. S. Shwarts. Lit. v shkole 20 no. 6;41-49 '59.

EVENKI NATIONAL AREA—TUNGUSES

Among the Evenkis of the Chunya River and the upper reaches of the Vilyuy River. V. Tugolukov. Krat soob Inst. etn. no. 32;111-132 '59.

EVICTION

Eviction from "special" dwellings. V. IUr'ev. Sots. zakon. 36 no. 12,64-65 D '59.

Results of superficial investigation. M. Vinogradov. Sots. zakon. 36 no. 12,60 D '59.

EVIDENCE, EXPERT

Dulov, A. V. [Theoretical problems relating to forensic expertise in Soviet criminal procedure] Voprosy teorii sudebnoi ekspertizy v sovetskom ugolovnom protsesse Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1959. 167 p.

EVOLUTION
(see also subdivision under Japan)

Charles Darwin as the founder of the materialistic theory of the development of the organic world. IU. N. Kondratiuk Ukr bot zhur. 16 no 5 3-14 '59

Development of Darwin's theories in the U.S.S.R. K.M. Sytnyk. Ukr. bot zhur. 16 no 5:15-27 '59.

Moskovskoe obshchestvo ispytatelei prirody. Sektsiia istorii estestvoznaniia. [Annals of biology] Annaly biologii. Moskva.
Vol. 1. 1959. 409 p

One-hundredth anniversary of Charles Darwin's "Origin of species" [with summary in English]. A I. Tolmachev Bot zhur 44 no 11:1525-1537 N '59

The problem of monophyletic or polyphyletic origin of terrestrial vertebrates I I Shmal'gauzen Biul MOIP Otd biol 64 no 4:15-33 Jl-Ag '59

Scientific jubilee session devoted to the one-hundredth anniversary of the publication of C Darwin's "Origin of species " A M Gorobets Vest LGU 15 no 9: 143-146 '60

Some data on the rate of species formation in aquatic fauna [with summary in English] F D Mordukhai-Boltovskoi Biul MOIP Otd biol 64 no 4:141-144 Jl-Ag '59.

Theoretical principles of Darwinism in I. I. Mechnikov's interpretation R I Belkin. Biul. MOIP, Otd. biol 64 no 4 61-73 Jl-Ag '59.

EXAMINATIONS—QUESTIONS
Checking students practical knowledge by means of examinations K V Lototskii Sred spets obr 6 no 12 15 D '59

EXAMINATIONS BEFORE TRIAL see Preliminary examinations (Criminal procedure)

EXCAVATING MACHINERY
Development in single bucket excavators. P. Nadal'iak. Mast ugl. 8 no.12 22-23 D '59.

The E-155 universal building excavator N. N. Anuchkin, Z. E Garbuzov, P. M. Mikhailov Biul tekh -ekon. inform no 11:48-50 '59.

Efficient width of an EKG-8 mined working face. P. G. Doronenko, N. I. Smirnov, Izv. AN Kazakh SSR, Ser. gor. dela no. 2:41-49 '59.

The ESh-25/100-type walking excavator. N. G. Orlov, Biul tekh. -ekon. inform. no. 12,37-39 '59.

EVG-6 burden-removing excavator. V. V. Rudoiskatel', Gor. zhur. no. 1:61-63 Ja '60.

Moving E-505 excavators without dismounting. I. A. Afonin Les prom 37 no.12:16 D '59

Parameters of the working face in trenching with a rock excavator. N. I. Smirnov, Izv. AN Kazakh. SSR, Ser. gor. dela no. 2:35-40 '59.

Units of the E-801 excavator needing improvement. IU. V. Reutov. Mekh. stroi. 17 no. 1:20 Ja '60.

Using continuous excavators. V. V. Davydov. Mekh. i avtom. proizv. 13 no. 12:35-37 D '59.

Work practices of a progressive brigade operating the SE-3 excavator V. Bessonov. Ugol' 34 no. 12:23-24 D '59

EXCAVATING MACHINERY—ELECTRIC DRIVING
Nonlinearity in systems of amplidyne control of electric drives on excavating machinery. M. N. Golomidov. Izv. vys. ucheb. zav., gor. zhur. no. 6 70-74 '59.

EXCAVATIONS (ARCHAEOLOGY) see subdivision under Albania; Bystritsa Valley; Kazakhstan; Khorezm Province; Kirovabad District, Leninabad, Tajikistan; Tli, Dzhava District; Vakhsh Valley

EXCITONS
Mott elastic scattering of an exciton on a Na^+ ion in the Born approximation. Z S. Kachlishvili. Fiz. tver. tela 1 no 11:1747-1748 N '59

EXECUTIONS (LAW)
Important means in the struggle against crime. B. Korsakov, V. Shcheglov, Sov. iust. no. 12:65-67 D '59.

There should be a single itemized list of goods which are not subject to expropriation. M. Kopylovskaia. Sov. iust. no. 12:32-35 D '59.

EXERCISE
Changes in the electric potentials of the cerebral cortex of dogs during prolonged muscular effort [with summary in English]. V. A. Novi. Fiziol zhur. [Ukr.] 5 no. 6: 711-718 N-D '59.

Effect of various types of muscular activity and experimental "training" on the renewal of labile phosphorus compounds in the muscles of animals [with summary in English]. L. H. Leshkevych. Ukr biokhim. zhur 31 no 5 700-708 '59

External secretory function of the pancreas during animal locomotion [with summary in English]. T. I. Svystun. Fiziol. zhur. [Ukr.] 5 no 6:750-755 N-D '59.

EXHIBITIONS see subdivision under Alma-Ata; Brno, Czechoslovakia, Brussels; Germany, East; Havana; Helsinki; Moscow, New York (City); Paris; Peiping

EXOSTOSIS
Exostoses of the lower jaw and prosthesis in relation to them. V E. Zhukov. Stomatologiia 38 no. 6 67-69 N-D '59.

EXPANSION (HEAT)
Rapid method of controlling the thermal expansion of materials V G Bravinskii, E G Bravinskaia Zav. lab no 11:1336-1338 '59

EXPERIMENTAL SURGERY see Surgery, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLORERS
Baranskii, N. N., and others, eds. [Russian physical geographers and explorers] Otechestvennye fiziko-geografy i puteshestvenniki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, 1959. 782 p.

EXPLOSIONS
Baum, F. A., K. P. Staniukovich, and B. I. Shekhter. [Explosion physics] Fizika vzryva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959 800 p.
[MICROFILM]

Explosion-hazard of combustible gas mixtures caused by friction and impact of metal parts. A I. Rozlovskii, I S Roizen, P. G. Sushchev Sbor. trud NIIST no 2 120-140 '59.

Sensitivity of mixtures of organic substances with liquid oxygen to impact pressure. Z. B. Basyrov. Kislorod 12 no. 6:13-23 '59.

Temperature of primary hot centers when the explosion is initiated by impact. V. K. Bobolev, I. G. Bolkhovitinov. Izv. AN SSSR Otd. khim. nauk no. 4:754-755 Ap '60.

Thermal explosion and isothermal decomposition of explosives. Part 1 [with summary in English] A. I. Serbinov. Zhur. fiz. khim. 33 no 12:2641-2646 D '59.

EXPLOSIVES
Recommended industrial explosives. Bezop. truda v prom. 4 no. 1:38-39 Ja '60

EXTRACTION (CHEMISTRY)
Countercurrent dephenolization of tar water by butyl acetate and the problem of mass transfer B. I. Ivanov, IU A Kazak Trudy VNIIT no 8 203-212 '59.

Distribution of Ce, Ca, Sr, and La between the aqueous solution and methyl butyl ketone in the presence of uranium. V. M. Vdovenko, A. A. Lipovskii, M. G. Kuzina. Zhur. neorg. khim. 4 no. 11:2502-2504 N '59.

Results obtained from the adoption of the De-Smet extraction unit M. I. Potapov, A V Postnov. Masl.-zhir. prom 25 no 12:26-29 '59.

EXTRACTION APPARATUS
Apparatus for laboratory extractions. S. S. Korovin, A. M. Reznik, M I. Vasil'eva. Zav. lab. 25 no. 12: 1533-1534 '59.

EXTRACTS
Effect of plant extracts on the growth of bacterial cultures. O. K. Mygal'. Pratsi Od. un. Zbir. stud. rob. no. 5 (vol. 149) 169-172 '59.

EXTREMITIES (ANATOMY)
Heterochronism in the formation of supernumerary forms. A. A. Voitkevich. Dokl. AN SSSR 131 no. 6:1198-1201 Ap '60.

Movsesian, Z. G. [Tropic changes in the bones of the extremities as shown by radiography and the regular features in their development] Troficheskie izmeneniia kostei v rentgenovskom izobrazhenii i zakonomernosti ikh razvitiia. Erevan, Armgiz, 1958. 210 p.
(DNLM)

EXTREMITIES (ANATOMY)—BLOOD SUPPLY
Significance of a method of labeled compounds for investigating the arteria system of the bone in vivo experiments [with summary in English]. M. G. Privés and others. Arkh. anat. gist. i embr. 37 no. 11:56-64 N '59.

EXTREMITIES (ANATOMY)—SURGERY
Intraosseous anesthesia in surgery on the extremities [with summary in English]. E. G. Lokshina, L. A. TSeitlina. Zdrav. Tadzh. 6 no. 6:27-30 '59.

EXTREMITIES, LOWER—BLOOD SUPPLY
Collateral circulation following section of the afferent nerves [with summary in English]. R. A. Bardina. Arkh. anat. gist. i embr. 37 no. 11:48-56 N '59.

Collaterals in the hind leg of a dog following section of the afferent nerves [with summary in English]. I. D. Lev. Arkh. anat. gist. i embr. 37 no. 11:38-48 N '59.

Dynamics of the formation of collateral circulation after section of the femoral artery [with summary in English]. V. I. Stepantsov. Arkh. anat. gist. i embr. 37 no. 11:65-75 N '59.

EXTREMITIES, LOWER—DISEASES
Observation of marble disease (osteopetrosis) in the lower extremities A. M. Solntsev, O I Volynets Vrach delo no 11.1199 N '59.

EXTREMITIES, LOWER—RADIOGRAPHY
Use of triiodotrast for angiography in obliterating endarteritis of the lower extremities [with summary in English]. M P Vilianskii. Vest khir. 83 no 11: 52-53 N '59

EXTREMITIES, LOWER—SURGERY
Surgical treatment of spastic paralysis secondary to tuberculous spondylitis A I. Gushcha. Nov khir zhur no 6:98-100 N-D '59

EXTREMITIES, UPPER—NECROSIS
Necrosis of both upper extremities following electric current injury B D. Sverdlik Nov khir zhur no 6:102 N-D '59

EXTRUSION PROCESS
Rotating heads for hydraulic presses. V. I. Zalesskii, D. I. Vasil'ev, V. V. Gubarev. Kuz.-shtam. proizv. 1 no. 12 34-35 D '59

EYE
Effect of ionizing radiation on the eye. G. G. Kanbai. Azerb. med. zhur. no. 12:64-68 D '59.

Eyes generate electricity. IUn. tekh. 4 no. 11:65 N '59.

Samoilov, A. IA. [Ophthalmological symptoms in brain tumors] Oftal'mologicheskie simptomy opukholei golovnogo mozga. Moskva, Medgiz, 1959. 227 p.
(DNLM)

EYE—ABNORMITIES AND DEFORMITIES
Microphthalmia in Recklinghausen's disease. K. P. Moskovchenko Oft zhur 14 no 8:499-501 '59.

EYE—ACCOMMODATION AND REFRACTION
"Dark adaptation of the eye" by B. G. Korobko. Reviewed by M Trusov Oft zhur. 14 no 6:376-378 '59

EYE—CARE AND HYGIENE
Blaeva, F. K. [Hygiene for the eye] Gigiena organa zreniia. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1957. 37 p.
(DNLM)

EYE—DISEASES AND DEFECTS
Case of paresis of accommodation with a background of virus influenza. P. Z. Grilikhes. Oft. zhur. 14 no. 7: 433-435 '59.

Clinical observations on the use of insulin in ophthalmology [with summary in English] P. Segal, P. Klentko Oft. zhur 14 no. 6:347-353 '59

Don't be afraid of silly means. M. Naumov. Sem'ia i shkola 14 no. 12:22 D '59.

Role of roentgenotherapy in the complex treatment of the eye and its adnexa [with summary in English]. A. E. Il'evich, A. A. Tikhomirova. Vest. oft. 72 no 4:21-26 Jl-Ag '59.

The use of cortisone in ophthalmological practice [with summary in English]. A. P. Nesterov. Vest. oft. 72 no. 4:31-37 Jl-Ag '59.

EYE—DISEASES AND DEFECTS—CONGRESSES
Scientific session of the V. P. Filatov Ukrainian Experimental Research Institute for Eye Diseases and Tissue Therapy, June 24-27, 1959. S. A. Barkhash. Oft zhur. 14 no. 7:437-441 '59.

EYE—EXAMINATION
Developmental course and present status of elastotonometry of the eye [with summary in English] S. F. Kal'fa, M. B. Vurgaft, A. Z. Grudskii. Oft. zhur. 14 no. 8: 451-465 '59.

Tent screen attached to a bed for use in examining the bottom of the eye. D. G. Sverdlov, A. I. Antonov. Oft zhur. 14 no. 6:368-369 '59

EYE—FOREIGN BODIES
Radiographic localization of foreign bodies in the anterior portion of the eye [with summary in English]. G. V. Panfilova. Oft. zhur. 14 no. 7:419-424 '59.

EYE—RADIOGRAPHY
Radiographic localization of foreign bodies in the anterior portion of the eye [with summary in English]. G. V. Panfilova. Oft. zhur. 14 no. 7:419-424 '59.

EYE—SURGERY
Case of expulsive hemorrhage with preservation of vision. F. I. Vrublevskii. Oft. zhur. 14 no. 7:430-432 '59.

Modification of the recession operation in concomitant strabismus [with summary in English]. S. IA. Miminoshvili. Oft. zhur. 14 no. 6:365-368 '59.

Observations on the use of pentothal and thiopental anesthesia in pediatric eye surgery [with summary in English]. A. I. Prokof'eva. Vest. oft. 72 no. 4:38-44 Jl-Ag '59.

EYE—TENSION see Intraocular pressure

EYE—WOUNDS AND INJURIES

Avulsion of the optic nerve and complete luxation of the eyeball. N.N. Agrinskaia. Oft. zhur. 14 no. 6:370-371 '59.

Concerning the articles of Doctor of Medical Science B.S. Brodskii and other authors on the prevention of symblepharon in eye burns [with summary in English]. S.P. Petruma. Oft. zhur. 14 no. 7:413-415 '59.

Prevention of adhesions in eye burns [with summary in English]. B.S. Brodskii. Oft. zhur. 14 no. 6:337-343 '59.

Treatment of eye burns by subconjunctival injection of penicillin combined with the patient's own blood [with summary in English]. M.G. Kulakhmet'eva, M.A. Ladyzhinskaia. Oft. zhur. 14 no. 6:334-337 '59.

Treatment of eye burns with subconjunctival injections of autogenous blood in conjunction with acetylcholine and separation of the conjunctiva [with summary in English]. T.G. Uglova. Oft. zhur. 14 no. 6:328-334 '59.

EYE, INSTRUMENTS AND APPARATUS FOR

Device for the handle of a trephine for correct vertical setting. T.U. Gorgiladze. Oft. zhur. 14 no. 8:498-499 '59.

Magnetic trephine for the excision of a disk in partial penetrating corneal transplantation [with summary in English]. B.L. Radzikhovskii. Oft. zhur. 14 no. 8:496-498 '59.

Prevention of adhesions in eye burns [with summary in English]. B.S. Brodskii. Oft. zhur. 14 no. 6:337-343 '59.

Ruler for measurement of the interpupillary distance and the diameter of the pupil. A.A. Nesterov. Oft. zhur. 14 no. 7:435-436 '59.

A simple pupillometer. N.I. Butnenko. Vest. oft. 72 no. 4:54-55 Jl-Ag '59.

EYEGLASSES

Consultations for rural oculists. S.F. Kal'fa. Oft. zhur. 14 no. 6:383-384 '59.

EYELIDS

Operation for ptosis with the use of a kapron transplant [with summary in English]. O.V. Granina. Vest. oft. 72 no. 4:38-43 Jl-Ag '59.

EYELIDS—DISEASES

Gunn's synkinetic syndrome. T.P. Ustinova. Oft. zhur. 14 no. 8:501-502 '59.

FABLES

Valasevich, E.S. [Eagle's trial; fables] Arliny sud; baiki. Minsk, Dziarzh. vyd-va BSSR, 1959. 117 p. (MIRA)

FACE—WOUNDS AND INJURIES

Case of the undetected prolonged presence of a knife fragment in the facial bones. A.A. [illegible] Sud.-med. ekspert. 2 no. 3:59 Jl-S '59.

FACIAL NEURALGIA see Neuralgia, Facial

FACTORIES

Let's write the history of our plants and factories; a letter to the editors. K.A. Fedin and others. Sov. prof. soiuzy 16 no. 7:62-64 Ap '60.

FACTORIES—ACCOUNTING

"Reports of an industrial enterprise" by S. Shchenkov. Reviewed by N. Veltsman. Bukhg. uchet 18 no. 11:68-70 N '59.

FACTORIES—DESIGN AND CONSTRUCTION

(see also subdivision under Europe, Western; Kemerovo; United States)

Cooperation in organizing industrial areas in cities [with summary in English, p. 82]. O. IA. Khorkhot. Visnyk ABIA URSR no. 1:9-20 '59.

Standard designs of precast concrete products plants. IU. V. Volkonskii. Bet. i zhel.-bet. no. 12:540-542 D '59.

FACTORIES—HEATING AND VENTILATION

Explosion-hazard of combustible gas mixtures caused by friction and impact of metal parts. A.I. Rozlovskii, I.S. Roizen, P.G. Sushchev. Sbor. trud. NIISP no. 2:120-140 '59.

FACTORIES—LIGHTING

Question of the nomenclature of luminaires for ordinary illumination of industrial enterprises. IU. B. Aizenberg. Svetotekhnika 5 no. 12:13-17 D '59.

FACTORY LIBRARIES see subdivision under Leningrad; Moscow

FACTORY MANAGEMENT

[illegible]ganizing the cutting-tool supply in a machinery plant. [illegible]. Sheshunin. Vest. mash. 40 no. 1:78-83 Ja '60.

[illegible]tion control in assembly shops. V.I. Sin'kov, O.S. [illegible]ziuk. Standartizatsiia 23 no. 11:59-60 N '59.

[illegible]EV, ALEKSANDR ALEKSANDROVICH, 1901-1956

[illegible] the unpublished letters of A.A. Fadeev, 1949-1951. [illegible]a 36 no. 23:15-16 D '59.

Ozerov, V.M. [Aleksandr Fadeev, his creative path] Aleksandr Fadeev, tvorcheskii put'. Moskva, "Sovetskii pisatel'," 1960. 101 p.

Portraiture in A. Fadeev's novel "The young guard." R.V. Ivanov. [illegible] (vol. 110) 53-65 '59.

FALCONS see subdivision under Yakutia

FALL WEBWORM

Effect of parasites and predators on the number of fall webworms. [illegible] A. Berovkov. [illegible] no. 1:67-76 '59.

Mixed committees have started to work. V. V. [illegible] Zashch. rast. ot vred. i bol. 4 no. [illegible]

FALLOWING

(see also subdivision under Mordovia)

Methods of cultivating bare fallow [illegible] Akhadinov. Zemledelie 8 no. 1:[illegible]

FAMILY

(see also subdivision under Uzbekistan)

Centuries of [illegible]. M. IAnov. [illegible] 173-180 N '59.

A happy evening. V. Smirnova. [illegible] 10 Ja '60.

New archaeological data on the development of the [illegible] family. V.S. Sorokin. [illegible]

FANS, ELECTRIC

Designing blades for twisting air flow [illegible] Sbor. trud. NIPS [illegible]

Highly economical [illegible] [with summary in English]. [illegible]

FANS, MECHANICAL

Calculating critical speeds of the working wheel of [illegible] type centrifugal ventilators. [illegible]

Operating speed of ventilators [illegible] Vedernikov. [illegible] 111-150 '59.

FAR EAST—GINSENG

Biology of wild ginseng [with summary in English]. [illegible] Grushvitskii. Bot. zhur. 44 no. 12:1693 [illegible] D '59.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS

(see also subdivision under Chuvashia; [illegible]; Crimea; Germany, East; Stavropol Territory; Tambov Province; Ukraine; [illegible] Province)

Conference on problems of [illegible] Krasnodar [illegible] Sel'. stroi. 14 no. [illegible]

Legal regulations on farm building. [illegible]

Make fuller use of all resources for [illegible] construction. Sel'. stroi. 14 no. [illegible]

We should improve the work of interfarm [illegible] organizations. [illegible] D '59.

FARM BUILDINGS—FIRES AND FIRE PREVENTION

Barns for loose housing of cattle. [illegible]

FARM LIFE see subdivision under [illegible]

FARM MANAGEMENT

(see also subdivision under Kazakhstan)

Necessity and importance of differentiated [illegible] norms. A.I. [illegible] '59.

FARM MANURE

Effect of mesophilic methane fermentation [illegible] rate of weed seeds. [illegible] no. 1:82-84 Ja '60.

Heating manure in hotbeds. M. S. [illegible] 97 no. 12:21 [illegible] '59.

Mobility of the P_2O_5 of superphosphate [illegible] simultaneously with manure. [illegible] no. 6:116-118 [illegible]

Using bulldozers for manure loading. [illegible] Mekh. sil'. hosp. 11 no. 1:[illegible] Ja '60.

FARM MECHANIZATION

(see also subdivision under Akmolinsk Province; Cherepanovo District; Cherkassy Province; Kazakhstan; Novaya Usman' District; Suratgarh, India; Ukraine; United States; White Russia)

After the reorganization. Mekh. sil'. hosp. 11 no. 1:[illegible] Ja '60.

Awaiting the plenum of the Central Committee of the CPSU. Mekh. i elek. sots. sel'khoz. [illegible]

Determining the economic effectiveness of mechanization and automation in agriculture. M. [illegible] Tekh. v sel'khoz. 20 no. 1:8-14 Ja '60.

Economic effectiveness of mechanized transportation on livestock farms. I.D. Halamaha. Mekh. sil'. hosp. 11 no. 1:22-23 Ja '60.

Headquarters of agricultural machine operators. A. Efimov. Tekh. mol. 27 no. 12:8-9, 31 '59.

Kudlai, IU. K. [illegible] production] Komple[illegible]

[illegible]

FARM MECHANIZATION—[illegible]

[illegible]

FARM MECHANIZATION—[illegible]

[illegible]

FARM MECHANIZATION—[illegible]

[illegible]

FARM MECHANIZATION—[illegible]

[illegible]

FARM PRODUCE—[illegible]

[illegible]

FARM PRODUCE—[illegible]

[illegible]

[illegible]

[illegible]

FAT METABOLISM

[illegible]

[illegible]

FATIGUE, MENTAL

[illegible]

[illegible]

FATS see Oils and fats

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY)
(see also subdivision under Caucasus)

Fissures of shearing resistance and zones of expansion fissures in river valleys. G.K.Bondarik. Razved.i okh.nedr 25 no.10:13-16 O '59.

Importance of fracturing for oil prospecting and problems relative to the oil potential of the Minusinsk Basin. B.N.Kr[illegible]l'nikov, IA.G.Kats. Izv.vys.ucheb.zav.; geol.i razv. 3 no.9:3-10 S '60.

Investigating stress distribution in rocks during flat mining operations. A.E.Shlatinskaia, P.M.[illegible]. Sbor.nauch.rab.stud.LGI no.2:103-111 '57.

FAVUS see subdivision under Moldavia

FAZYLOV, HASIL FAZYLOVICH
Greetings to Hasil Fazylovich Fazylov, Academician of the Academy of Sciences of the Uzbek S.S.R. Izv.AN Uz.SSR.Ser.tekh.nauk. no.6:1 '60.

FECES—ANALYSIS
Dynamics of the isolation of sterkobilin in the feces in epidemic hepatitis (Botkin's disease) and its clinical significance. [illegible] Vrach.delo no.11:1165-1168 N '59.

FEDCHENKO GLACIER—TEMPERATURE
Heat balance of Fedchenko Glacier. A.B.Kazanskii, V.N.Kolesnikova. Izv.AN SSSR.Ser.geofiz. no.4:575-581 Ap '60.

FEDEROWSKI, MICHA, 1853-1923
Micha Federowski, an ethnographer. A.Zaremski. Belarus' 16 no.12:27 D '60.

FEDOROV, IVAN, d. 1583
"Printer of hitherto unpublished books" in Lvov. M.I.Koliada. Rad.lit. no.6:102-110 N-D '60.

FEED WATER
Critical water levels in steam boilers. N.M.Vladimirov. Elek.sta. 30 no.12:16-18 D '59.

Experimental investigation of the thermodynamic properties of water and steam at high parameters. V.A.Kirillin, A.E.Sheindlin. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.2:44-53 Mr-Ap '60.

FEED-WATER PURIFICATION
Determining the necessity of lowering water alkalinity after silicon removal by magnesium. IU.M.Kostrikin, N.K.Konovalova. Teploenergetika 7 no.1:47-[illegible] Ja '60.

Experience in the use of demineralizing installations. L.T.Deev, V.A.Bukeev, A.V.[illegible]. Teploenergetika 7 no.1:37-42 Ja '60.

Increasing the use of anionites in the demineralization of water. L.Sh.Gurevich, I.G.Prokhorov. Teploenergetika 7 no.1:42-45 Ja '60.

Mechanical removal of ashes and remodeling of the unit for chemical water purification. A.Lamakov. Moloch.prom. 20 no.12:30-31 D '59.

Repair of atmospheric deaeration columns. V.G.Gulyaev. Elek.sta. 30 no.12:75-76 D '59.

Scientific and technical conference on nonchemical methods of water treatment. M.S.Shkrob, K.I.[illegible]. Teploenergetika 7 no.1:94-96 Ja '60.

Using dehumidifying devices of steam turbines for removing salt from the cycle. IU.V.Zenkevich, A.N.Netesov. Energomashinostroenie 5 no.11:15 N '59.

FEEDING
Alternating the feeding of male breeding stock. A.K.Milovanov, M.V.Sytina, V.G.Kukhalova. Dokl.Akad.sel'khoz. 24 no.12:30-32 '59.

Dmitrochenko, A.P., ed. [Feeding of farm animals, a collection of papers] Kormlenie sel'skokhoziaistvennykh zhivotnykh; sbornik statei. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 487 p.
(DA)

FEEDS
(see also subdivision under Beregovo District)

Conference on methods of evaluating and measuring the nutritive value of feeds. M.P.Tomme. Vest.sel'khoz.nauki 4 no.11:140-147 N '59.

Each farm must solve its protein problem in livestock feeding. A.Movsisiants. Nauka i pered.op.v sel'khoz. 9 no.12:32-34 D '59.

Shortcomings in feed supply planning ("Feeding norms and rations for agricultural animals", "Economic reference book for planning on collective farms." Reviewed by A.Pilipenko). Ekon.sel'khoz. 41 no.1:121-125 Ja '60.

Vitamin-rich meal ground from pine needles. A.IAkubuk. Nauka i pered.op.v sel'khoz. 9 no.12:24 D '59.

FELDSPAR
Study of the dissolution of alumina in feldspar melts. V.Z.Petrova, A.I.Avgustinik. Zhur.prikl.khim. 32 no.12:2788-2791 D '59.

FELON (DISEASE)
Surgical treatment of paronychia with a closed suture of the wound. V.D.Bezverkhii. Nov.khir.arkh. no.6: 117 N-D '59

FELSENSTEIN, WALTER
Walter Felsenstein and his theater. Ernst Krause. Sov.muz. 24 no.1:93-95 Ja '60.

FELT WORK see subdivision under Kazakhstan

FEMUR—ABNORMITIES AND DEFORMITIES
Congenital varus deformity of the femoral neck, investigation by photoelastimetry. M.Fait, J.Muller. Ortop., travm.i protez. 20 no.4:16-20 Ap '59.

FEMUR—FRACTURE
Intramedullary nailing in pathological fractures of the femur and humerus [with summary in English]. I.I.Sokolov. Vest.khir. 83 no.11:35-38 N '59.

Review of V.A.Chernavskii's "Femoral fractures and their treatment." G.V.Golovin. Vest.khir. 83 no.11:128-129 N '59.

FEMUR—RADIOGRAPHY
Looser's transformation zone of the femoral neck [with summary in English]. V.I.Shatalov, S.N.Lando. Vest.rent.i rad. 34 no.2:14-16 Mr-Ap '59.

FERBERITE
Studying conditions of equilibrium of reactions between synthetic ferberite and hydrochloric acid. G.A.Meerson, K.IA.Shapiro. Izv.vys.ucheb.zav.; tsvet.met. 2 no.6:142-148 '59.

FERGANA—CEPHALOPODA, FOSSIL
New Silurian nautiloids from the southern Fergana Valley. [illegible] Paleont.zhur. no.3:55-60 '59.

FERGANA—GAS, NATURAL—GEOLOGY
Trends in further oil and gas prospecting in the Fergana Valley. L.P.Sokolov and others. Geol.nefti i gaza 3 no.12:11-16 D '59.

FERGANA—INSCRIPTIONS, RUNIC
An ancient Turkic runic inscription on a bronze seal ring from Fergana. S.G.Klashtornyi. Trudy AN Tadzh.SSR 101:167-169 '59.

FERGANA—MEDICAL GEOGRAPHY
History of studies in the medical geography of regions of the Fergana Valley. N.P.Sokolov, A.A.Abdullaev. [illegible]

FERGANA—OILS AND FATS
Experimental data on the operation of a reagent-free fat splitting unit. E.V.Danilina, L.I.Minaeva. Masl.-zhir.prom. 26 no.1:27-28 Ja '60.

FERGANA—PETROLEUM GEOLOGY
Trends in further oil and gas prospecting in the Fergana Valley. L.P.Sokolov and others. Geol.nefti i gaza 3 no.12:11-16 D '59.

FERGANA—RECLAMATION OF LAND
[illegible] Privalov. [illegible]

FERGANA—SELENIUM
Selenium in Paleogene deposits of Central Asia. I.G.Chentsov. Trudy [illegible] no.2:81-89 '59.

FERGANA—TELEPHONE
Workers of the Fergana Valley have set an outstanding example for communication workers. V.I.[illegible]. Vest.sviazi 19 no.12:10-11 D '59.

FERGANA VALLEY—FORAMINIFERA, FOSSIL
Material on the paleontology of Foraminifera from the Alai and Turkestan stages of the Paleogene in the Fergana Valley. N.K.Bykova. Trudy VNIGRI no.115:[illegible] '59.

FERGANA VALLEY—GAS, NATURAL—GEOLOGY
Outlook for oil and gas prospecting in the Fergana Valley [with summary in English]. A.M.Khutorov. Sov.geol. 2 no.10:98-112 O '59.

FERGANA VALLEY—PETROLEUM GEOLOGY
Outlook for oil and gas prospecting in the Fergana Valley [with summary in English]. A.M.Khutorov. Sov.geol. 2 no.10:98-112 O '59.

FERGANA VALLEY—REVOLUTION, 1917-1921
Soviet militia in the struggle to strengthen the Soviet government in the Fergana Valley. A.Kukanbaev. Izv.AN Uz.SSR.Ser.obshchestv.nauk no.4:11-16 '59.

FERMENTATION
Microbiological maceration of eucommia leaves. Report No.1: Optimum conditions for maceration by an active complex of microorganisms [with summary in English]. I.I.Rabotnova, M.B.Kupletskaia, V.M.Kuznetsova. Mikrobiologiia 28 no.6:871-880 N-D '59.

Our invisible friends. B.Zatulovskyi. Znan.ta pratsia no.12:7 D '59.

Use of concentrated ferment preparations from molds. R.R.Tokareva. Khleb.i kond.prom. 3 no.5:25-27 My '59.

FERNS, FOSSIL. see subdivision under Oka Valley, Sungar region

FERRATES
Faraday effect in paraffin ferrite mixtures (effect of crushing of material on the inner fields of ferrites). V.N.Kopshinov. Trudy MEI no.27:232-242 '56.

FERRATES—ELECTRIC PROPERTIES
Pulse response of magnesium-manganese ferrite cores containing 43% Fe_2O_3. L.V.Molodtsova, N.N.Shirola. Dokl.AN BSSR 3 no.10:440-441 N '59.

FERRATES—MAGNETIC PROPERTIES
Theory of the magnetic properties of ferrite single crystals. A.A.Gusev. Kristallografiia 4 no.5:695-701 S-O '59.

FERRITE
Magnetic method for determining the ferrite phase in welded seam metals. N.I.Kopersak. Zav.lab. no.11:1323-1324 '59.

FERROELECTRIC SUBSTANCES
Electric [illegible]. B.M.Vul. Znan.sila 34 no.12:14-15 D '59.

Nonlinearity of some ferroelectric substances. A.A.Chukhlov. Fiz.tver.tela 1 no.11:1740-1742 N '59.

FERROELECTRIC SUBSTANCES—MAGNETIC PROPERTIES
Theory of the relaxation of magnetic moment in ferroelectric substances [with summary in English]. V.G.Bar'iakhtar. Zhur.eksp.i teor.fiz. 37 no.3:690-694 S '59.

FERROMAGNETIC SUBSTANCES
Nonresonance absorption of the energy of an alternating magnetic field by a ferromagnetic substance [with summary in English]. M.I.Kaganov, V.M.TSukernik. Zhur.eksp.i teor.fiz. 37 no.3:823-833 S '59.

FERROMAGNETISM
Changes in the domain structure of magnetically uniaxial ferromagnetic materials in a magnetic field. IA.S.Shur, E.V.Shtol'ts, A.A.Glazer. Fiz.met.i metalloved. 8 no.5:665-668 N '59.

Configuration of domains in ferromagnetic crystals. L.V.Kirenskii, M.K.Savchenko. Kristallografiia 4 no.5:702-706 S-O '59.

Electrodynamic processes in a ferromagnetic solid characterized by a rectangular hysteresis loop. B.M.Fradkin. Trudy MEI no.27:190-204 '56.

Electronic modeling of hysteresis characteristics of ferromagnetic materials. V.G.Vasil'ev, V.A.Zverev. Izv.vys.ucheb.zav.; elektromekh. 2 no.9:3-10 '59.

Magnetization in ferromagnetics [with summary in English]. L.V.Kirenskii, M.K.Savchenko, I.F.Degtiarev. Zhur.eksp.i teor.fiz. 37 no.3:616-619 S '59.

Magnetoelectric effect in antiferromagnetic materials. I.E.Dzialoshinskii. Zhur.eksp.i teor.fiz. 37 no.3:881-882 S '59.

New method of preparing homogeneous ferromagnetic powders of a high degree of dispersion. IU.B.Lopatto. Zhur.prikl.khim. 32 no.12:2706-2707 D '59.

Peculiarities of testing ferromagnetic materials by magnetizing them simultaneously in permanent and alternating fields. P.N.Chechurina. Trudy VNIIM [illegible] '59.

Relaxation absorption of an ultrasonic wave in ferromagnetic materials. V.P.Shmatov. Fiz.met.i metalloved. 8 no.5:667-670 N '59.

Retarding and anticipating Green functions in the theory of ferromagnetism [with summary in English]. S.V.Tiablikov. Ukr.mat.zhur. 11 no.3:287-294 '59.

FERROSILICON
Making blast furnace ferrosilicon with an oxygen-enriched blow. IU.A.Popov, E.A.Gamaleev, A.T.Filippov. Metallurg 4 no.12:4-6 D '59.

FERROSILICON—METALLOGRAPHY
Reaction of silicon carbide with metals and oxides in the making of ferroalloys. V.A.Izmailov, S.I.Khitrik. Izv.vys.ucheb.zav.; chern.met. no.1:87-90 '60.

FERTILIZATION (BIOLOGY)
Nature of fertilization in the light of recent data on chromosome development in the zygote. M.V.[illegible]. Dokl.AN SSSR 131 no.5:1161-1164 Ap '60.

FERTILIZATION OF PLANTS
New interrelationships resulting from new conditions of life, exemplified by the yucca. P.N.Ruzanov. Uzb.biol.zhur. no.5:74-75 '59.

The problem of fertilization in Charles Darwin's works. IA.S.Modylevs'kyi. Ukr.bot.zhur. 16 no.5:41-47 '59.

Role of honey and solitary wild bees in pollinating alfalfa. M.Rasulov. Dokl.AN Uz.SSR no.11:57-59 '59.

FERTILIZER SPREADERS
Economic evaluation of machinery used in mechanized fertilizer placement. P.Andreev. Tekh.v sel'khoz. 20 no.1:21-24 Ja '60

Mechanization of the application of fertilizers to crops. A.V.Ilekov. Sel'khoz.Povol. 3 no.11:88-91 N '59.

Mechanized application of organic fertilizers. A.M.Shcherbakov. Trakt.i sel'khozmash. no.1:44-47 Ja '60

Simplified manure spreader. N.F.Lapin. [illegible] 4 no.11:63-64 N '59

FERTILIZERS AND MANURES
(see also subdivision under Ukraine, Uzbekistan, White Russia)

Awaiting the plenum of the Central Committee of the CPSU I I Siniogin Ud, i ur 4 no 11 3-8 N '59

Carbon ammoniates, a new type of economical fertilizers. S. N. Ganz, G. I. Vilesov, L. V. Lopatin. Izv. vys ucheb. zav., khim. i khim. tekh. 2 no. 6 913-915 '59

Desalting of process condensates of nitrogen fertilizer plants by means of ion-exchange resins V. I. Astroshchenko and others Khim. prom no 6 499-501 S '59.

Effect of cultivation practices on increasing the fertility of light soils A A Dukhanin Ud i ur 4 no 12 16-20 D '59

Efficient application of fertilizers N. Baranov. Ekon. sel'khoz. 31 no. 1 37-44 Ja '60.

Galenchik, I. Z., and others. [Winning peat and its uses in agriculture, a reference manual] Dobycha i ispol'zovanie torfa v sel'skom khoziaistve, spravochnoe posobie. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959 231 p.
(DA)

A great agricultural resource T D. Lysenko. Zemledelie 8 no. 1 37-41 Ja '60

Improving agrochemical services on collective and state farms K P Magnitskii Ud i ur 4 no 11 54-58 N '59

It's more profitable to apply fertilizers in small amounts. V. Bobylev. Nauka i pered op. v sel'khoz 9 no. 12 57-58 D '59.

Let's raise the standards of agricultural chemistry A V. Peterburgskii Ud i ur 4 no 12 3-6 D '59

Present-day status and prospects for the development of the production and use of liquid fertilizers V A. Klevke, IA I Kil'man Zhur prikl. khim. 32 no 8 1649-1658 Ag '59

Striving for the fulfillment of the seven-year plan P I Doronin Ud i ur 4 no 11 9-14 N '59

"Technology of nitrogen fertilizers" by V. A. Klevke, N. N. Poliakov, L. Z. Arsen'eva. Reviewed by V. I. Atroshchenko, A. P Zasorin, A Brushtein. Khim. prom. no 6 552-553 S '59.

FERTILIZERS AND MANURES—ANALYSIS
Using the vanadate-molybdate method for determining phosphorus in plants and organic and mineral fertilizers. M. A. IErmekov Dop. UASHN 2 no 6 27-30 N-D '59.

FERTILIZERS AND MANURES—STORAGE
For careful storage of mineral fertilizers A M. Mitrofanov. Ud i ur 4 no 12 7-10 D '59

FETUS
Effect of ionizing radiation on fetal development under experimental conditions [with summary in English]. S. L. Petrosian, Z. F. Lopatnikova. Vest rent. i rad. 34 no. 2 38-42 '59.

Effect of X rays on the permeability of the placenta and histohematic barriers of the fetus in maternal organisms irradiated at different periods of pregnancy [with summary in English]. G. V. Nizhnik, L D. Luk'ianova. Zhur. ob. biol. 20 no. 6;477-478 N-D '59.

Method of removing higher divisions of the central nervous system in mammalian fetuses. L. A. Pronin. Fiziol zhur. 45 no. 12:1497-1499 D '59.

On innervation of the trachea in human fetuses [with summary in English] I. I. Gutner. Vest otorin. 21 no. 6 86-88 N-D '59.

FEUDALISM see subdivision under Europe, Western

FEUERBACH, LUDWIG ANDREAS, 1804-1872
Contemplativeness of Feuerbach's materialism; "Theses on Feuerbach" by K. Marx. V. P Kalatskii. Vest. Mosk. un. Ser. ekon., filos., prava 14 no 4 137-150 '59.

FIBROIN
Importance of the structure of silk fibroin in the establishment of biological codification K. G. Ioffe Khim. nauka i prom. 4 no 5 687-688 '59.

FIBULA
Leg bone changes in thrombophlebitic trophic ulcers. N. L. Napalkov. Vest. rent. i rad. 31 no. 2 82-83 Mr-Ap '59.

FIELD CROPS
(see also subdivision under Albania)

Volunteer firemen protect the crops. P. Kiselev, M. Ostrikov. Pozh. delo. 5 no. 12 10 D '59.

FIELD CROPS—FERTILIZERS AND MANURES
(see also subdivision under Stalingrad Province; Sumy Province; United States; White Russia)

Effect of seeding density on the availability of phosphorus to plants. P. O. Dmytrenko, V. S. Shturmova. Dop. UASHN 2 no. 6:23-26 N-D '59

Mineral fertilizers are of great importance in increasing crop yields I M Kovbasinskii Ud i ur 4 no 12 40-42 D '59.

FIELD THEORY
Evaluation methods for the calculation of the short wave field strength. E. L. Cherenkova. Elektrosviaz' 13 no. 10;23-29 O '59.

Mass spectrum and the fundamental length in the field theory. V. G. Kadyshevskii. Dokl. AN SSSR 131 no. 6 1303-1307 Ap '60

Materiality of matter and the field. I. I. Zhbankova. Trudy Inst. filos. AN BSSR no. 1:113-132 '59.

Relationship of isotopic spin and strangeness number to the behavior of spinors in inversion. A. M. Brodskii, D. D. Ivanenko. Zhur. eksp. i teor. fiz. 37 no. 3 876-877 S '59

FIELD WORK (EDUCATIONAL METHOD)
Bring academic instruction closer to life. P. P. Pshenichnyi. Sred. spets obr. 6 no 11 28-31 N '59.

Confusion during field work. L. Gubarov. Prof.-tekh. obr. 16 no. 12:6 D '59.

Experiment in combining education with productive work in rural schools. A G Zaionchkovskii. Sov. pedag. 24 no. 1 45-55 Ja '60.

Field work of correspondence students on fundamentals of geodesy G. I IAnin Sred spets obr 6 no. 12 23-25 D '59

FIG see subdivision under China

FIKHTENGOL'TS, GRIGORII MIKHAILOVICH, 1888-1959
Grigorii Mikhailovich Fikhtengol'ts; obituary. L. V. Kantorovich, I. P. Natanson. Usp. mat. nauk 14 no. 5: 123-128 S-O '59.

FILBERT see subdivision under Ukraine

FILIP'EV, IVAN NIKOLAEVICH, 1889-
On the 70th birthday of Professor Ivan Nikolaevich Filip'ev, an outstanding Soviet scientist. Izv. Otd. est. nauk AN Tadzh. SSR no. 2,151-155 '59.

FILMS (CHEMISTRY)
Forming of films from solutions. A. A. Kas'ianova, S. A. Pavlov Izv. vys ucheb zav., tekh leg prom. no 5 45-51 '59.

FILTERS, LIGHT see Light filters

FILTERS AND FILTRATION
The BD 7,25-2-type vaccum filter for filtering yeast fluid. A V. Baturin Biul tekh-ekon inform. no 11 59-60 '59

Insure an airtight outlet for fat in filter presses. G. V. Zarembo. Masl.-zhir. prom. 26 no. 1:33-34 Ja '60.

Microporous ceramics (from "Technické noviny," no. 21, 1959). Kislorod 12 no. 6,64 '59.

New charging material for filters. F. Golikov. Zhil.-kom. khoz. 9 no. 12,17-18 '59.

Permeability of porous media in the filtration of a gas-containing liquid. D. A. Efros. Dokl. AN SSSR 132 no 2 311-314 My '60.

Regularities of filtration in the separation of concentrated suspensions on the filter. V. A. Zhuzhikov. Khim. prom. no. 6;528-529 S '59.

Study of the process of compression of dispersed media. N I. Isaev Trudy LTIKHP 15:109-122 '58

Using fiber glass as filter cloths. I. V. Piskarev, D. S. L'vov. Neftianik 3 no. 9 24-25 S '58.

Washing fixed filter media. A. M. Fominykh. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:112-119 '59.

FINANCE
(see also subdivision under China; Karaganda, Kazakhstan, Leningrad; Minsk; Moldavia; Perm Province, Tajikistan; United States)

Aleksandrov, A. M. [Finance in the socialist production of the means of production] Finansy v sotsialisticheskom vosproizvodstve. Moskva, Gosfinizdat, 1959. 142 p.

Follow-up of our material. Fin. SSSR 21 no. 4:82-83 Ap '60.

Foreign financial news. Fin. SSSR 21 no. 4;95 Ap '60.

Kadyshev, L. A. [State budget, credit and currency circulation under socialism] Gosudarstvennyi biudzhet, kredit i denezhnoe obrashchenie pri sotsializme. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 58 p. (Politicheskaia ekonomiia)

Staff work in financial organs of the R. S. F. S. R. Fin. SSSR 21 no. 4:90-92 Ap '60.

"Textbook on the finance of branches of the national economy." Reviewed by V. Buzyrev. Fin. SSSR 21 no. 4;84-85 Ap '60.

Tying the issuing of credit to industry with monetary circulation tasks. M. Pessel'. Den. i kred 18 no. 4: 25-32 Ap '60.

V. I. Lenin and Soviet finance. B. Rivkin. Fin. SSSR 21 no. 4;5-16 Ap '60.

FINANCE—BIBLIOGRAPHY see Bibliography—Finance

FINANCE—STUDY AND TEACHING
(see also subdivision under Moscow, Tula Province)

We support the start made in Rostov R Krotova, V. Soldatova Fin SSSR 21 no 4 72 Ap '60.

FINANCIAL STATEMENTS
Maintain a high economic level in preparing and analyzing annual reports for 1959. Bukhg. uchet 16 no. 11 1-4 N '59.

FINLAND—ARCHITECTURE, DOMESTIC
Housing construction in Finland. IU. Rodin. [illegible] no. 12 26-29 '59

FINLAND—COMMERCE—RUSSIA
Combined annual and electoral meeting of [illegible] Finnish-Soviet Chamber of Commerce. [illegible] zhur. no. 36 8-9, 33 D '59.

The new five-year trade agreement and [illegible] Karjalainen. Finsk. torg. zhur. no. 36 5-6 D [illegible]

FINLAND—ELECTIONS
Political struggle in Finland IU. Golozhubov [illegible] 18 no 19;15-16 My '60.

FINLAND—FOREIGN RELATIONS—RUSSIA
Deputy Prime Minister A. I. Mikoian visits Finland Finsk. torg. zhur. no. 36,7 D '59.

Stay of Comrade A I Mikoian in Finland [illegible] no 1 26-27 Ja '60

FINLAND—HOUSEHOLD APPLIANCES, ELECTRIC
Finnish household appliances. [illegible] zhur. no. 36 14-15, 26 D '59.

FINLAND—INDUSTRIES
Finnish Industrial Exhibition in Moscow. [illegible] zhur. no. 36,33 D '59.

FINLAND—PLYWOOD
Laminated wood constructions. Finsk. torg. [illegible] 31 D '59.

New uses of birch plywood. Alpo Markkinen [illegible] torg. zhur. no. 36 20-21 D '59

FINS
Functional significance of aloe and [illegible] in fishes. IU. G. Aleev. Trudy [illegible] 11:161-[illegible]

Structure and functions of dorsal fins in [illegible] (Squaloidei, Squaliformes). IU. G. Aleev. [illegible] 11:153-158 '59.

FIR
(see also subdivision under East Kazakhstan [illegible])

The great interglacial epoch of the Pleistocene. [illegible] Maruashvili. Bot. zhur. 44 no. 12:1737-1741 [illegible]

FIRE see subdivision under Krikonis

FIRE DEPARTMENTS
Answers to readers' questions. Pozh. delo [illegible] N '59

Plans for fire stations. V. Rabinov. Pozh. [illegible] 24 N '59

Year of great victories of the Soviet people. [illegible] 5 no. 11:1 N '59.

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES
EM-2 electric megaphone. A. Rizhakov. [illegible] no. 11:25 N '59.

How to simplify the laying of fire hose. [illegible] and others. Pozh delo 5 no. 11 14-15 N [illegible]

Mechanized tool. N. Sharov, N. Shchcko. [illegible] no. 12:27-28 D '59.

Our complaints against the Novotorzhok [illegible] nov, G. Protsanov. Pozh. delo. 5 no. 12 [illegible]

The pump cooling system has been improved. [illegible] Pozh. delo. 5 no. 12:30 D '59.

Semiconductors instead of storage batteries. [illegible] Pozh delo 5 no 11 25-26 N '59

FIRE EXTINCTION
Automation is the main problem today. M. [illegible] Pozh delo 5 no. 11:22 N '59.

Cotton was saved. B. Mudrats. Pozh. delo. 5 no. [illegible] D '59.

Fire brigade of our collective farm. A. [illegible] 5 no. 12:12 D '59.

In the house building combine. P. Mel'nikov, [illegible] 5 no. 12,20-21 D '59.

Quality of the OP-5 fire extinguisher should be [illegible] Pozh. delo 5 no. 11:26 N '59

Readers letters. L. Kheifets and others. Pozh [illegible] no. 11:31-32 N '59

Readers' letters. Pozh. delo. 5 no. 12:30 D '59

Self-igniting gasser. K. Tkachenko Pozh. delo [illegible] 17-18 N '59

FIRE EXTINCTION—EQUIPMENT AND SUPPLIES
Smoke pump with a propeller fan. V. Suslennikov [illegible] delo 5 no. 11,27 N '59

FIRE PREVENTION
Improve the operations of the fire fighting section [illegible] delo 5 no. 11 21 N '59

Readers letters L. Kheifets and others Pozh [illegible] no. 11 31-32 N '59

Readers' letters. Pozh. delo. 5 no. 12:30 D '59.

Reinforce rural fire prevention. Pozh. delo. 5 no. [illegible] D '59.

Volunteer firemen protect the crops. P. Kiselev [illegible] trikov. Pozh. delo. 5 no. 12:10 D '59.

FIRE PREVENTION—EQUIPMENT AND SUPPLIES
Automatically controlled differential fire detector. [illegible] nov, V. Makarov. Pozh. delo. 5 no. 12:23-24 D [illegible]

FIRE PREVENTION—LAWS AND REGULATIONS

Answers to readers' questions. Pozh delo 5 no 11:30 N '59

Enforce the code requirements and inspection. I. Rassadkin Pozh delo 5 no 11:2-3 N '59.

New sections in the Regulations on Electric Installations. N. Zakharov Pozh. delo. 5 no 12 32 D '59.

FIRE PREVENTION—RESEARCH

News chronicle Pozh. delo 5 no. 11:30 N '59

FIRE SPRINKLERS

Mechanical fire sprinklers I. Petrov, V Gerasimov. Pozh. delo 5 no 11,23 N '59

FIREBRICK

Production of coke dinas bricks using finely ground Ovruch quartzite. D.I. Pankratov, N.Z. Belobragin, I.E. Kolsman. Ogneupory 24 no.12:538-541 '59.

"Production of dinas bricks" by V.D. TSigler. Reviewed by V.A. Bron. Ogneupory 24 no.12:577 '59.

Production of forsterite refractories from asbestos waste. P.S. Mamykin, IU.D. Syreishchikov. Ogneupory 24 no.12:529-538 '59.

FIREBRICK—SPECTRA

Complete spectrum analysis of refractory clays and firebricks. N V. Semkina, A. B. Shaevich. Zav. lab. 25 no. 12:1465-1467 '59.

FIRECLAY—SPECTRA

Complete spectrum analysis in refractory clays and firebricks. N. V. Semkina, A. B. Shaevich. Zav. lab 25 no. 12 1465-1467 '59.

FIREMEN

At the battle post. D Emel'ianov, I. TSylin. Pozh. delo, 5 no. 12:29 D '59.

Half a century... V. Anan'ev. Pozh. delo. 5 no. 12:9 D '59.

In honor of the Great October. A. Vlasov. Pozh. delo 5 no 11 13 N '59.

Pages of unwritten history. E Vechlomova. Pozh. delo 5 no. 11 28-29 N '59

FIREMEN—EDUCATION AND TRAINING see subdivision under Kuybyshev

FIREWEED

The honey plants phacelia and fireweed and their forage value. G. V Kopel'kievskii. Trudy Bot. inst. Ser. 6 no. 7:269-270 '59.

FIRST AID IN ILLNESS AND INJURY

(see also subdivision under Minsk)

Individual packet for first aid in minor skin injuries V P. Sergeev, B D. Pletnev, K T Laptenkov. Vrach. delo no 11 1211 N '59

Review of I. M. Rozenfel'd's "First aid in diseases and injuries of the ear, upper respiratory tract, and esophagus " A. O. Shul'ga Vest. otorin. 21 no. 6 91-93 N-D '59.

Russia (1923- U. S. S. R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. [Safety rules in the construction and use of communication structures and equipment] Pravila tekhniki bezopasnosti pri ekspluatatsii i stroitel'stve sooruzhenii i ustroistv sviazi. Moskva, Gos. energ. izd-vo, 1959. 103 p.

FISH—STORAGE

Makashev, A. P. [Methods of prolonging the storage of refrigerated fish] Sposoby udlineniia srokov khraneniia okhlazhdennoi ryby. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1958. 36 p. (Pishchevaia promyshlennost')

FISH, FROZEN

Adenosinetriphosphoric acid as a factor characterizing biochemical processes in the refrigeration treatment of fish L. I. Pershina Trudy LTIKHP 15:74-80 '59.

Chilling and preservation of fish in refrigerated trawlers [with summary in English]. G Konokotin. Khol. tekh. 36 no. 6:24-28 N-D '59.

FISH AS FOOD

Food value of commercial fish from Lake Issyk-Kul'. R N. Odynets, P. P. Valuiskii, I. A Fantalis. Trudy. Inst. zool i paraz. AN Kir. SSR no. 7:299-301 '59.

FISH CULTURE

Changes in the salinity of water during the incubation of roe F A. Turdakov. Trudy Inst. zool. i paraz. AN Kir SSR no. 7:109-122 '59.

Conference on the acclimatization of fishes of the Amur River in waters of the European part of the U. S S R. A. P. Makeeva Zool. zhur. 38 no. 1:149-151 Ja '59.

Incubation of Diptychus roe in Weiss and Williamson apparatus F. A Turdakov, B. P. Luzhin, N. A. Baramzin. Trudy Inst. zool. i paraz AN Kir. SSR no. 7:97-107 '59.

Method for cleaning the tanks of the All-Union Scientific Institute of Maritime Fisheries and Oceanography. A. F. Gun'ko. Ryb. khoz. 35 no. 10:20-21 O '59.

Moscow. Vserossiiskii nauchno-issledovatel'skii institut prudovogo rybnogo khoziaistva. [Handbook on pond fish culture] Spravochnik po prudovomu rybovodstvu. Red. kollegiia: A. I. Isaev i dr. Moskva, Pishchepromizdat, 1959. 374 p.

Pay more attention to pond fish culture on collective farms. V. A. Murin. Kolh. Ukr. 6 no. 12,34 D '59.

Valuable book on river trout culture ("Trout culture" [in Czech] by J. Kupka. Reviewed by V M. Ivasik). Ryb. khoz. 35 no. 10:93-94 O '59.

FISH MEAL

Preserving Caspian sprats with sodium nitrite for fish meal production. N. A. Kulikov. Ryb. khoz. 35 no. 10 65-69 O '59.

FISH OIL—THERAPEUTIC USE

Fish oil E M. Fateeva Zdorov'e 6 no 1 30 Ja '60

FISH PONDS see subdivision under Latvia

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

The ChS-1 scaling machine. Ryb. khoz. 35 no. 10:87-88 O '59.

The FTS-10 filleting machine. L. S. Baev. Ryb. khoz. 35 no. 10:47-54 O '59.

The GK hydraulic scaling machine. Ryb. khoz. 35 no. 10: 89-90 O '59.

Machine (trademark ISR) for sorting small fish. Ryb. khoz. 35 no. 10:83-84 O '59.

FISH-SCRAP FERTILIZER

New method of prophylaxis of endemic goiter in the Maritime Territory. G. P. Gurevich Vrach delo no 11 1205-1207 N '59

FISHERIES

(see also subdivision under Alma-Ata Economic region, Azov, Sea of, Bulgaria; Kara Bay; Okhotsk, Sea of, Sakhalin; Soviet Far East)

Measures for reducing the harm caused by underwater explosions. V. M. Tavrizov. Ryb. khoz. 35 no. 10:17-20 O '59.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—RESEARCH

(see also subdivision under Caspian Sea)

Effect of the selective action of gill nets on the qualitative composition of the fish population [with summary in English]. G. V. Nikol'skii, T. N. Belianina. Izv. AN SSSR. Ser. biol. 24 no. 6:889-897 N-D '59.

International organizations for fishery research. S. J. Holt. Biul. Okean kom. no. 3:20-30 '59.

FISHERY LAW AND LEGISLATION see subdivision under Caspian Sea

FISHERY PRODUCTS—ANALYSIS

New method of judging the oxidation degree of oil. R. R. Perepletchik, E. I. Novikova. Ryb. khoz. 35 no. 10:62-64 O '59.

FISHERY PRODUCTS—CHEMICAL COMPOSITION see subdivision under Soviet Far East

FISHERY PRODUCTS—PRESERVATION

Conference of fish industry workers. Khol. tekh. 36 no 6:68 N-D '59

FISHES

(see also subdivision under Arctic regions; Chernaya River, Abkhazia; Issyk-Kul'; Pamirs; Sevastopol, Bay of, Syr Dar'ya)

Types of size-sex ratios in fishes. D. F. Zamakhaev. Trudy Mosk. tekh. inst ryb. prom i khoz. no 10:183-209 '59.

FISHES—ANATOMY

(see also subdivision under Antarctic regions)

Morphogenesis of the liver in the Black Sea salmon. A. G. Andrea. Trudy Mosk tekh. inst. ryb. prom. i khoz. no. 10: 177-182 '59.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD

(see also subdivision under Barents Sea; Caspian Sea; Taganrog Gulf)

Diurnal and seasonal variations of feeding in the red mullet Mullus barbatus ponticus Essipov. N. IA. Lipskaia. Trudy SBS 11:213-228 '59.

Method of determining size and weight characteristics of invertebrate organisms serving as food of fishes Report No. 2. E. V. Borutskii. Vop. ikht. no. 12:158-164 '59.

Role of sense organs of the Black Sea whiting in its search for food. M. P. Aronov. Trudy SBS 11:229-237 '59.

Studies on the ecology of water fleas in connection with their cultivation as live food for fishes. G. A. Vasil'eva Trudy Mosk. tekh inst. ryb. prom i khoz. no. 10:88-138 '59.

Summer feeding of perch in some bays and shore lagoons of Lake Baikal. M. I. Tarverdieva. Nauch. dokl. vys. shkoly. biol. nauki no. 2:25-30 '60.

FISHES—MIGRATION

Pond rearing of salmon trout and brook trout and their hybrids in Poland. V. M. Naumov. Vop. ikht. no 12: 141-143 '59.

Spring migration of Caspian shad in waters of northern Daghestan E N Kazancheev. Vop ikht no 12:75-84 '59.

Tagging data on the migrations of cod during 1954-1958 due to changes in hydrological conditions in the southern part of the Barents Sea V P. Ponomarenko. Dokl. AN SSSR no 6:1464-1467 Ap '60

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

Central regulation of the functions of the air bladder in fish [with summary in English]. Lekuang Long Fiziol. zhur. SSSR 45 no 7:880-882 Jl '59.

Conditions necessary for the respiration of zander larvae during transportation [with summary in English]. M. D. Bilyi Dop. AN URSR no 11:1275 '59

Intraspecific regulation of maturation and fecundity dynamics in fishes [with summary in English]. IU. E. Lapin, IU. G. IUrovitskii. Zhur. ob. biol. 20 no. 6: 439-446 N-D '59.

Significance of the act of food swallowing for the intensity of digestive processes in fishes D V Kratiukhin Vop ikht. no 12:133-137 '59.

FISHES—TRANSPORTATION

(see also subdivision under Soviet Far East)

Contrivance for loading barrels into railroad cars. A. G. Rozgil'deev. Ryb. khoz. 35 no. 10:54-56 O '59.

FISHES, FOSSIL see subdivision under Irtysh Valley; Kochkov Valley, Lisichansk; Zaysan region

FISHES, FRESH-WATER see subdivision under Tajikistan

FISHING see subdivision under Moscow Province, Volga River

FISHING BOATS

New type of container-carrying fishing boats. V. A. Kushnarev. Ryb. khoz. 35 no. 10:78-80 O '59.

FISHING NETS

Effect of the selective action of gill nets on the qualitative composition of the fish population [with summary in English]. G. V. Nikol'skii, T. N. Belianina. Izv. AN SSSR. Ser. biol. 24 no. 6:889-897 N-D '59.

Possibility of fishing for Caspian gray mullet with hoist seines. S. N. Probatov. Ryb. khoz. 35 no. 10:33-36 O '59.

Resistance of purse seines during hoisting with friction pulleys. V. M. Kirillov. Ryb. khoz. 35 no. 10:37-42 O '59.

Small purse seine for catching gray mullet and mackerel. E. N. Grigor'ev. Ryb. khoz. 35 no. 10:27-30 O '59.

FISSION PRODUCTS

Mean number of secondary fission products and its determination from the mass distribution of the fragments IU. A Zysin, A. A. Lbov, L. I Sel'chenkov Atom energ. 8 no 5:409-412 My '60

FISTULA

Diagnosis and treatment of umbilical fistulas in children. I. L. Gol'dzand. Azerb. med. zhur. no. 12:61-64 D '59.

FJORDS

Evolution of the shore line in fjord regions. P. A. Kaplin. Trudy Okean. kom. no. 4:54-65 '60.

FLAGELLATA see subdivision under Tajikistan

FLAME

Chain-thermal flame propagation. Report No. 3: Effect of the diffusion coefficient and thermal conductivity. L. A. Lovachev. Izv. AN SSSR Otd. khim. nauk. no. 3: 442-446 '60.

Chain-thermal propagation of flames. Report No. 4: Effect of the branching and rupture of chains. L. A. Lovachev. Izv. AN SSSR Otd. khim. nauk no. 4:645-650 Ap '60.

Formation of detonation waves in the combustion of a gas in a tube. G. D. Salamandra, T. V. Bazhenova, I. M. Naboko Zhur. tekh. fiz. 29 no. 11:1354-1359 N '59.

Ionization in laminar flames. N. N. Inozemtsev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:59-65 Mr-Ap '60.

Reaction of weak shock waves with the flame front. G. D. Salamandra, I. K. Sevast'ianova. Zhur. tekh. fiz. 29 no 11:1360-1367 N '59.

FLAME THROWERS

Flame throwers. F. Gavrikov. Voen. znan. 36 no. 4: 25-26 Ap '60.

FLANGES

Are flanges necessary in medium and low pressure pipelines? V. L. Poshekhonov. Elek sta 30 no. 12:15-16 D '59

Checking the tightening of pins in the fittings and flange connections of high and superhigh pressure equipment V. N. Guliaev, A V. Ratner. Elek sta 30 no 12:12-15 D '59.

FLASH POINT
Simple method for determining the flash point of petroleum products P G Ivanov, A I. Gurkina. Neftianik 4 no 12;16-17 D '59.

FLAX
(see also subdivision under Chkalov District, Narodichi District, Rovno Province, Rzhev District, Shklov District)

Deliver the entire flax crop as fiber I K Litvinov Len i konop 4 no 11 10-13 N '59

Division of the U.S.S.R. into agroclimatic regions based on yields on flax grown for fiber and linseed oil V.A. Smirnova. Trudy NIIAK no. 7.39-59 '59

Great celebration of the October Revolution Len i konop 4 no 11 1-4 N '59

Improve flax processing methods I A Emel'ianov, N P Lednev Len i konop 4 no 11 13-17 N '59

Kulesh, L.V. [Our experience in the over-all mechanization of corn and flax cultivation] Nash opyt kompleksnoi mekhanizatsii vozdelyvaniia kukuruzy i l'na Minsk, 1960 21 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh; znanii Belorusskoi SSR, no 5)

Obligations are being fulfilled successfully! Len i konop 4 no 11 25-26 N '59

Strive for high productivity of flax processing machinery and good quality of fiber L S Ol'khovskii Len i konop 4 no 11 46-48 N '59

We'll grow flax that will grade twice as high N F Mikhailov Len i konop 4 no 11 23-24 N '59

Work practices of machinery operator Gagurin. E. Ivanov. Sel'. mekh. no. 12 3-5 '59.

FLAX—HARVESTING
Performance of sheaf binding and dividing attachments of flax pullers G A Khailis Trakt i sel'khozmash no 1 19-22 Ja '60

FLAX INDUSTRY see subdivision under Zhitomir

FLAX PROCESSING MACHINERY
Make better use of agricultural machinery on collective farms I I Kolesnik Len i konop 4 no 11 37-39 N '59

Results obtained in the over-all mechanization of flax cultivation P IA Kalushnikov, IU. N IUrasov Len i konop 4 no 11 18-21 N '59

Strive for high productivity of flax processing machinery and good quality of fiber L S Ol'khovskii Len i konop 4 no 11 46-48 N '59

FLEAS
(see also subdivision under Dzhalal-Abad Province, Moscow)

Relation between the egg-laying period of bird fleas and the brooding time of their hosts. A.N. Kir'iakova Dokl. AN SSSR no. 6·1476-1477 Ap '60.

Unusual jumper. N.B. Korostelev. Zdorov'e 5 no. 12 26-27 D '59.

FLIES—EXTERMINATION
Use of chlordan in fly control [with summary in English]. A.A. Ivannikova, A.I. Karavashkova. Med. paraz. i paraz. bol. 26 no. 6 733-736 N-D '57.

FLIGHT CREWS
The squadron and its commander Vest Vozd. Fl no 12·14-19 D '59.

FLIGHT TRAINING
(see also subdivision under Krasnodar; Petrozavodsk, Serpukhov)

Before night flight. Kryl. rod. 10 no. 12·16d D '59.

Discipline and organization are the main factors in flight training. Kryl. rod. 10 no. 12·7 D '59.

Major Firsov does not tolerate discrepancies F A Vazhin Vest Vozd Fl no. 12 35-37 D '59.

More courage and initiative in flight training. S. F Ushakov Vest. Vozd Fl no. 12 29-34 D '59

The navigator-instructor teaches. F. P. Timanov Vest. Vozd. Fl no. 12 45-48 D '59.

New trainer. M. Shteiman. Grazhd. av. 16 no. 9:17 S '59.

FLOODS
(see also subdivision under Leningrad)

Akademiia nauk SSSR. Sovet po problemam vodnogo khoziaistva. [Flood problems] Problemy pavodkov. Moskva, 1959. 194 p.

FLOORS, CONCRETE
Resistance of floors to the corrosive action of sugar. A Domashevskii Stroi. i arkhit 7 no 12;14 D '59

Service characteristics of pavements and floors of canning plants. K Rashkovskii, V. Sokolov. Stroi. i arkhit. 7 no 12·13-14 D '59.

FLORICULTURE
(see also subdivision under Caucasus; Kiev; Moscow)

Some problems with regard to cultivation practices used in ornamental gardening and the relation between science and practice. N P. Gladkii. Trudy Bot inst Ser. 6 no. 7.432-435 '59.

State of floriculture in the U.S.S.R and ways of improving it. S. G. Saakov Trudy Bot inst Ser. 6 no. 7 407-414 '59.

State of the assortment of flowering plants in the U S.S R. and outlook for establishing certified assortments Z D Shevchenko. Trudy Bot. inst. Ser 6 no. 7 436-437 '59

State of the production of flower seeds and measures for its improvement in the R S.F S R. V. V Vakulenko. Trudy Bot inst. Ser. 6 no 7 415-418 '59

FLORISTS see subdivision under Moscow

FLOTATION
(see also subdivision under China)

Effect of collectors on the volume and stability of froth produced in pneumatic equipment. A. K Livshits, S V. Dudenkov. TSvet. met. 32 no. 11;8-13 N '59.

Floatability of artificial, heavy metal sulfides and the flotation characteristics of little-studied minerals. A N Grebnev, I A Kakovskii Izv vys ucheb zav , gor zhur no 3·140-151 '59.

Method of evaluating and comparing the floatability of coals of various formation stages V A Shebanov Izv. vys. ucheb zav , gor zhur no 3·152-159 '59

Modern flotation reagents, their production and use. A. K. Livshits Khim nauka i prom 4 no 5;622-628 '59.

New reagent for coal flotation. M. V. TSiperovich, V. G. Pliusnin. Koks i khim no. 12 11-13 '59

Operational data for the FM-2, 75 flotation machine at the Novo-Uzlovskaya Central Concentration Plant. A. P. Zherdev. Koks i khim. no. 12;14-15 '59.

Studying the reaction of collectors with some varieties of zinc blende from Maritime Territory deposits N A Chainikova. Izv Sib otd AN SSSR no 10 58-67 '59

Theoretical basis for the intensification of the coal flotation process by the air-lift centrifugal method. V. I. Klassen, B. A. Koriakov-Savoiskii. Koks i khim. no. 12 7-10 '59

Use of radioactive isotopes and nuclear rays to study the flotation process. S. P. Zaitseva and others. Izv. AN SSSR. Otd. tekh nauk, Met. i topl. no. 2 120-132 Mr-Ap '60.

FLOTATION—EQUIPMENT AND SUPPLIES
Changes in the concentration of flotation reagents in the tailings storage tank. L. V Milovanov, B. P. Krasnov, N. V. Bidiukov. TSvet. met. 32 no. 11;14-17 N '59.

Interaction of cation collectors of the primary amine type with huebnerite and certain other minerals. A P. Kliucharev, I. N Plaksin, G A. Miasnikova. Izv. AN SSSR. Otd tekh. nauk Met i topl. no 2·133-137 Mr-Ap '60.

Studying interaction of flotation reagents and a silver plate surface by means of radioactive indicators. M. B. Barbin Trudy Ural politekh inst no 75·233-242 '59

Using the thermodynamic method to study the action of collectors and depressants I. A. Kakovskii. TSvet. met 32 no 12 13-19 D '59.

FLOUR
Evaluating the quality of wheat and flour from viscoelastic properties of dough, and regulating these properties. B. A. Nikolaev. Khleb. i kond. prom 2 no. 5·22-24 My '58.

Seminar on the quality of commercial flour and methods for its appraisal. I. M. Khleb. i kond. prom. 2 no. 5·46-47 My '58.

FLOUR—ANALYSIS
Apparatus for determining the quality of wheat flour István T Rada Muk -elev prom 25 no 12 13-16 D '59.

FLOUR MILLS
(see also subdivision under Hungary; Perm; Vologda, Yasinovka)

Brief news. Muk -elev. prom 25 no 12 29 D '59

Effect of the diameters and kinematic conditions of the operation of roller mills on the effectiveness of crushing I. T. Merko Izv. vys. ucheb zav , pishch tekh. no. 5; 98-103 '59.

Effect of the feed characteristics of the product on the performance of roller mills. N. V. Ostapchuk. Izv vys. ucheb. zav , pishch tekh. no. 5;92-97 '59.

Producing high-grade flour at rural mills. V. Ponomarev, A Tereshchenko Muk -elev. prom 25 no 12 25-26 D '59

FLOUR MILLS—FIRES AND FIRE PREVENTION
Self-ignition of the planking in bucket conveyers. G. Gogitashvili. Pozh. delo. 5 no. 12;8 D '59.

FLOUR MILLS—PRODUCTION STANDARDS
Flour mills should have well-founded work norms. S. Koval'chuk. Sots. trud 4 no. 7,94-98 Jl '59.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS, PROTECTION OF see Plants, Protection of

FLOWERS, WILD see Wild flowers

FLOWMETERS
DB-40 gasoline meter. Neftianik 4 no. 12;26 D '59.

Flow meter operating at atmospheric pressure [with summary in English] E. E Finkel', K V Chmutov. Zhur. fiz khim 33 no 12·2805-2806 D '59.

FLUE DUST see Fly ash

FLUID DYNAMICS
Approximate calculation of the process of [illegible] containers [with summary in English] [illegible] Inzh -fiz zhur no 12·72-76 D [illegible]

Complete system of equations for [illegible] plastic liquids I M. Astrakhan, [illegible] mat. i mekh 23 no. 6.1142-1143 N-D [illegible]

Effect of solid-particle dimensions on the [illegible] resistance in the motion of a gas [illegible] mary in English] M. E Dogin, V P [illegible] -fiz zhur no 12;26-30 D '59

Estimation of the effect of free convection [illegible] flow E I IAntovskii Zhur tekh fi. [illegible] 1392 N '59

Expansion of gas bubbles in a highly viscous [illegible] Cherniak Zhur tekh fiz. 29 no. [illegible]

Flow past cascades composed of profiles with [illegible] stagger angle. N. F. Salikhov Izv vys [illegible] tekh. 2 no 4;132-138 '59

Hydraulic resistance in a bed of granulate [illegible] A. A. Komarovskii, V V. Strel'tsov. Zhur [illegible] 32 no 8;1755-1763 Ag '59.

Hydrodynamic forces and moments of [illegible] surface vessels at low Froude values [illegible] Trudy LKI no 16 123-127 '55.

Hydrodynamic stream of viscous fluid in a [illegible] cylindrical centrifuge. E M Gol'din Tr[illegible] 15·123-131 '58

Isothermal burst of a gas cloud. V. [illegible] AN SSSR 131 no. 6·1287-1290 Ap '60.

Motion of a viscous fluid in plate separators [illegible] fins E M. Gol'din Trudy LTIKHP [illegible]

FLUIDIZATION
Intensity of mass transfer in the solution [illegible] and fluidized beds. A. A. Komarovskii, [illegible] Khim. prom. no. 6.530-533 S '59

Reduction and sulfidized roasting of oxid[illegible] a fluidized bed. D. I Lisovskii, N. [illegible] vys ucheb zav , tsvet. met 2 no [illegible]

Some data on the desorption of liquids from [illegible] a fluidized bed. IA. TSiborovskii, A. [illegible] prikl. khim. 31 no. 4;518-525 Ap '58.

FLUIDIZATION—TESTING
Fluidized bed roasting of granulated [illegible] charges in pilot plants E IA. [illegible] 32 no 12 23-28 D '59.

FLUIDS—ELECTRIC PROPERTIES
Magnetic field and current density fluctuat[illegible] bulent flow of a weakly conducting fluid. [illegible] Dokl. AN SSSR 132 no. 2.315-318 My '6[illegible]

FLUOPLATINATES
New ways of synthesizing hexafluoroplatin[illegible] tion with chlorine trifluoride. [illegible] Nikolaev, E. G. Ippolitov. Dokl. AN [illegible] 376-379 My '60.

FLUORESCEIN
Use of fluorescein in determining the dir[illegible] currents in the sea. V. P. Tr[illegible] 73-78 '59.

FLUORESCENCE
Ultraviolet fluorescence of nucleic [illegible] phates. L. S. Agroskin and others. [illegible] no. 6.1440-1443 Ap '60.

Use of fluorescent sand in studying [illegible] sand. V. L. Boldyrev. Biul. Okean [illegible] '59.

FLUORESCENCE MICROSCOPY
Changes occurring in the bacterial cell during the [illegible] ration of ultrathin sections [with summary [illegible] V. M. Kushnarev. Mikrobiologiia 28 no. 6 [illegible] N-D '59.

Comparative fluorescence investigation of bacterial [illegible] ture [with summary in English]. M. N. Meisel, [illegible] Miroliubova. Izv. AN SSSR. Ser. biol. 24 [illegible] N-D '59.

Determining the viability of uredospores of [illegible] glumarum Erikss. et Henn. by the fluore[illegible] N. A. Naumova. Dokl. AN SSSR 131 no. 5 [illegible] Ap '60.

In vivo fluorescence microscopy of the [illegible] summary in English]. P. E. Moroz. [illegible] no. 6;469-476 N-D '59.

Use of fluorescence microscopy for the [illegible] nosis of tuberculosis [with summary in [illegible] Krol', N. M. Ivanova, N N. Kachaunova [illegible] no. 7;84-89 '59.

FLUORESCENT LAMPS
Question of the effectiveness of fluorescent [illegible] internal reflectors. Svetotekhnika 5 no. 1[illegible] '59.

FLUORESCENT LIGHTING
Illumination of the Czechoslovakian glass [illegible] was held in Moscow. Jaroslav Fric, [illegible] Svetotekhnika 5 no. 12·1-4 D '59.

Reference data for the calculation of fluorescent [illegible] G. M. Knorring. Svetotekhnika 5 no. 12[illegible]

FLUORINE
(see also subdivision under Georgia)
Use of the electrostatic precipitator in decontaminating waste gases from the fluosilicate branch of the superphosphate manufacturing process. N.Sh. Safiullin. Khim. prom. no.6:510-510 S '59.

FLUORINE—ANALYSIS
Amperometric method for determining fluorine in pickling solutions. V F Mal'tsev, V. P Novak Zav lab. no 11:1296-1297 '59.
Determination of fluoride in cryolite by the trilonometric method. IA. G. Sakharova, N. I. Ivashkina. Zav lab. 25 no. 12:1412-1414 '59.

FLUORINE—TOXICOLOGY
Some biochemical changes in children's blood during dental fluorosis. V S. Andreeva. Vop. okh. mat. i det. 4 no.6 25-29 N-D '59.
Vitamin C content in the blood of children with fluorosis. N. A. Ivanova. Vop. okh. mat. i det. 4 no.6:29-31 N-D '59.

FLUORINE COMPOUNDS
Preparation of polyfluorinated acids and their derivatives from polyfluoroolefins and hydrocyanic acid. A IA. IAkubovich, A P Sergeev Khim nauka i prom 4 no. 5:682-683 '59

FLUX (METALLURGY)
New ceramic flux for built-up welding. I. G. Livshits, A. I Shishkov. Svar. proiz-vo no 1:20 Ja '60

FLY ASH
Improving the electrical gas purification equipment for the calcining department in the alumina plant. IU. A Medvedev, O. M. Bagrov. Tsvet. met. 32 no. 11:81-86 N '59.

FLY CONTROL see subdivision under Orekhovo Zuyevo

FM RADIO see Radio frequency modulation

FOG
(see also subdivision under Arctic regions)
Prognosis of fogs in the regions of principal Yakutsk or Chukot airports. P. A. Naprasnikov. Trudy TSIP MGSMI no.4:71-82 '59

FOLDS (GEOLOGY) see subdivision under Asia, Central; Caucasus, Northern; Uzbekistan

FOLK ART see subdivision under Germany, East; Ukraine

FOLK LITERATURE
Poltoratzky, Marianna A. [Anthology of Russian folk lore] Khrestomatiia po russkomu fol'kloru. [n.p., 1950] 140 p.

FOLK LITERATURE, UKRAINIAN see subdivision under Volyn' Province

FOLK MEDICINE
Popular hygiene. B D Petrov Zdorov'e 6 no 1:5-6 Ja '60.

FOLK MUSIC, UKRAINIAN
National style of Ukrainian folk melodies. O. A. Pravdiuk. Nar. tvorch. ta etn. 3 no.2:66-73 Ap-Je '59.
Studies on folk music in the Kiev Conservatory. O. Rizov. Nar. tvorch. ta etn. 3 no.3:136-137 Jl-S '59.

FOLK POETRY, UKRAINIAN
V. I. Lenin in Ukrainian folk poetry. I. I. Lavrov. Nar. tvorch. ta etn. 3 no.2:11-24 Ap-Je '59.

FOLK SONGS
(see also subdivision under Ural Mountain region)
P. I. IAkushkin and A. N. Afanas'ev, publishers of the "old sorties" songs of P. V. Kireevskii. P. D. Ukhov. Nauch. dokl. vys. shkoly; filol. nauki no.4:169-171 '59.

FOLK SONGS, KAZAKH
Popular folk art. G Nurmagambetova, P. Ismailov. Sov Kazakh 24 no 2:86-89 F '58

FOLK SONGS, UKRAINIAN
(see also subdivision under Sumy Province, Ternopol Province; Transcarpathia)
Authors of some Ukrainian folk songs. V. P. Oliinyk. Nar. tvorch. ta etn. 3 no.2:115-121 Ap-Je '59.
Composer K. H. Stetsenko and folk songs. L. O. Parkhomenko. Nar. tvorch. ta etn. 3 no.3:36-51 Jl-S '59.
Condemnation of Mazepa, the traitor, in folk songs. P. A. Havriuk. Nar. tvorch. ta etn. 3 no.3:70-74 Jl-S '59.
How our people extol their liberation; selected and furnished with a preface and footnotes by F. D. Tkachenko. Nar. tvorch. ta etn. 3 no.3:103-106 Jl-S '59.
Our people sing about Lenin and the Communist Party. Selected and supplemented with the foreword and notes by M. S. Rodina. Nar. tvorch. ta etn. 3 no.2:125-130 Ap-Je '59.
Polyphonic folk songs and their adaptation for professional choral singing. I. I. IAshchenko. Nar. tvorch. ta etn. 3 no.2:58-65 Ap-Je '59.
Polyphonic Ukrainian folk songs; submitted and furnished with footnotes by I. I. IAshchenko. Nar. tvorch. ta etn 3 no.3:117-121 Jl-S '59.
Some publications of province folk art centers. I. Berezovs'kyi. Nar. tvorch. ta etn. 3 no.2:125-126 Ap-Je '59.
Ukrainian folk songs and the art of kobza players in N. V. Gogol's works. M. P. Poletai. Nar. tvorch. ta etn. 3 no. 2:91-101 Ap-Je '59.

FOLKLORE
(see also subdivision under Ukraine, Western)
The Armenian golden old woman. L. Lisitsiia, I. Teptsov Vokrug sveta no 1:59-60 Ja '60
Folklore legacy of the past and the folklore of our present. V. S. Lanshchikov. Nar. tvorch. ta etn. 3 no.2:51-57 Ap-Je '59.
Historical decisions of the 21st Congress of the CPSU and the objectives of folklore studies and ethnography. Nar. tvorch. ta etn. 3 no.2:4-10 Ap-Je '59.
"Russian folklore, materials and studies." Vols 1-2. Reviewed by A A Gorelov Vest. Inst. po izuch SSSR no 3:136-141 Jl-S '59

FOLKLORE, CHINESE see subdivision under Kweichow Province

FOLKLORE, UKRAINIAN
(see also subdivision under Chernovtsy Province, Kharkov)
Folklore studies of the Institute of Art, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. in 1958-1959. F. Lavrov. Nar. tvorch. ta etn. 3 no. 3:135-136 Jl-S '59.
M. M. Kotsiubyns'kyi's interest in folklore and ethnography. H. O. Buchko. Nar. tvorch. ta etn. 3 no.3:74-77 Jl-S '59.

FOLKLORE, UKRAINIAN—BIBLIOGRAPHY see Bibliography—Folklore, Ukrainian

FOLKLORE, UKRAINIAN—PERIODICALS
"Zapysky" [illegible] Nar. tvorch. ta etn. 3 no.2 [illegible] Ap-Je '59.

FOOD
Food should not be injurious to health. N Titova Sots obesp. 20 no 11:41 N '59
We have all the ingredients for good cooking! A Artamonov. Sots obesp. 20 no 11:11-12 N '59
With us it is quite different. P Chernyshev. Sots. obesp. 20 no 11:45 N '59

FOOD—COOLING
Temperature field of food products during cooling [with summary in English]. L. G. Altunovskii. Inzh.-fiz. zhur. no.1:108-112 Ja '60.

FOOD—PACKAGING
Economy of wrapping materials in packaging food products in small packages for shipping. S V. Khrulianov Trudy LTIKHP 15:150-155 '58

FOOD—PRESERVATION
What should be known about preserved food. G. Korobkina. Obshchestv. pit. no.10:20-22 O '59.

FOOD—SPECTRA
Reflection spectra used in the analysis of food products. D. V Osmov, N. K. Val'kova, M T. Golovkina Trudy LTIKHP 15:81-86 '58

FOOD—STORAGE
Pay due attention to the storage of products. N Kozin and others. NTO no 11:63 N '59

FOOD, FROZEN
(see also subdivision under Leningrad)
Table for the calculation of the heat content of food products. A G Tikhin. Izv vys ucheb. zav.; pishch. tekh no 5:101-104 '59

FOOD ADDITIVES
(see also subdivision under United States)
Milk and milk products additives. V. Kostygov. Moloch. prom. 20 no. 12:10-12 D '59.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY
Russia (1923- U. S. S. R.) Ministerstvo torgovli. [Manual on technological advice and technical specifications for semiprocessed products and dishes of meat, poultry, fish, potatoes, and vegetables] Sbornik tekhnologicheskikh instruktsii i tekhnicheskikh uslovii na polufabrikaty i kulinarnye izdeliia iz miasa, ptitsy, ryby, kartofelia i ovoshchei. Moskva, Gos. izd-vo torg. lit-ry, 1958. 101 p.
Surface active agents in the food industry. N. A. Petrov. Khim nauka i prom 4 no 5:617-622 '59
Types of enterprises making semiprepared food products. R. Nechaeva. Obshchestv. pit. no. 10:38-39 O '59.

FOOD SPOILAGE
Noskova, G. L., and G. IU. Pek. [Microbial food spoilage of perishable food products in storage, a scientific report] Mikrobial'naia porcha skoroportiashchikhsia pishchevykh produktov pri khranenii, nauchnoe soobshchenie Moskva, Gos. izd-vo torg. lit-ry, 1959. 62 p.

FOOT—ABNORMITIES AND DEFORMITIES
Late results of falciform resection in deformities of the foot [with summary in English] F Z. Shelgunov. Vest. khir. 83 no. 11:36-40 N '59.
Prevention of flat-footedness in little children. M T. Matiushonok Doshk. vosp 33 no 1:93-95 Ja '60.
Surgical treatment of severe forms of congenital clubfoot in adults. G A Il'berg. Ortop., travm. i protez. 20 no. 4:8-16 Ap '59

FOOT—DISLOCATION
Subastragalar luxations of the foot [with summary in English] I A. Fiskin. Vest. khir. 83 no 11:46-51 N '59

FORAGE PLANTS
(see also subdivision under Bashkiria, Latvia, Russia, Northern, Russia, Northwestern, Stalingrad Province, Uzbekistan; Volga Valley)
Some results achieved in introducing wild forage plants in the U. S. S. R. N. G. Khoroshailov. Trudy Bot inst Ser 6 no. 7:183-191 '59.
Spring forage plants of the non-chernozem region. S. N Simonov. Trudy Bot inst Ser 6 no. 7:212-214 '59

FORAGE PLANTS—ANALYSIS
Cobalt, nickel, and copper content of feed. R. N. Osipova. Trudy. Inst. zool i parazit AN Kh SSR no. 7:311-313 '59

FORAMINIFERA, FOSSIL
(see also subdivision under Donets Basin, Fergana Valley, Kura Valley, Pechora Valley)
On V. G. Morozova's article "Foraminifer superfamily Globigerinidea superfam. and some of its representatives" in the "Doklady" of the Academy of Sciences, vol 114, no. 5 1957, pp 1109-1112. N N Subbotina. Trudy VNIGRI no 136:613-616 '59

FORCE AND ENERGY
Anisotropy of electrical conductivity in a magnetic field and topology of Fermi surfaces of metals [with summary in English]. N. E. Alekseevskii, IU. P. Gaidukov. Zhur. eksp. i teor. fiz. 37 no.3:672-677 S '59.
Calculating the distribution of gamma-ray quanta by energy in the atmospheric layer near the earth's surface. R. M. Kogan, Sh. D. Fridman. Izv. AN SSSR. Ser. geofiz. no. 4 530-537 Ap '60.
Mechanism of intermolecular energy exchange involved in the dissociation of a diatomic gas. G. I. Nikitin. Dokl. AN SSSR 131 no 2:305-308 My '60.

FORCE AND ENERGY—MEASUREMENT
Devices for the reproduction of force values. N. A. Smolich Trudy VNIIM no 37:5-13 '59.

FOREIGN EXCHANGE see subdivision under Great Britain

FORENSIC BALLISTICS
Direct microscopy of the point of entry in injuries by modern special bullets. K N. Kalinykov. Sud. med. ekspert. 3 no. 3:14-20 Jl-S '60.
"Forensic ballistics" by S D Kustanovich. Reviewed by IU M Kubitskii Sud. med. ekspert. 2 no 1:59-60 Ja-Mr '60

FORENSIC ORATORY
Sergeich, P. [The art of forensic oratory] Iskusstvo rechi na sude. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 369 p.

FORENSIC PSYCHIATRY
Problems in the forensic psychiatrical evaluation of remissions in schizophrenia. N M Zharikov. Sud. med. ekspert. 3 no 3:41-46 Jl-S '60.
Some problems in legal psychiatry as shown by material from a congress in Copenhagen in April May 1959. E A Babaian and others Sud. med. ekspert. 3 no 1:39-44 Ja-Mr '60.
V. P Serbskii and problems in the organization of legal psychiatric evaluation. IA M Kalashnik. Sud. med. ekspert. 2 no 1:42-47 Ja-Mr '59

FOREST ECOLOGY
(see also subdivision under Azerbaijan; Kanonerka region, Tula Province)
Effect of secretions of the birch Betula verrucosa Ehrh. on photosynthesis in the English oak (Quercus robur L.) M. V Kolesnichenko. Dokl. AN SSSR 132 no 1:220-222 My '60

FOREST FIRES—PREVENTION AND CONTROL
(see also subdivision under Archangel Province; Lower Tunguska Valley)
Fire observation tower. G. A. Makarov. Les. khoz. 13 no 12:59-61 D '59.

FOREST INSECTS

Factors terminating mass multiplication outbreaks of the brown-tail moth [with summary in Enlgish] R V Naumov Zool zhur 38 no 1·133-134 Ja '59

Forecasting mass outbreaks of the lackey moth (Malacosoma neustria L.) in Moscow Province V I Benkevich Nauch dokl. vys shkoly, biol nauki no. 2 15-19 '60.

FOREST LITTER

Significance of the mineralization and leaching of organic material shed by trees and shrubs for plant nutrition V I Slovikovskii Dokl AN SSSR 132 no 1 223-226 My '60

FOREST MANAGEMENT

(see also subdivision under Carpathian Mountains, Transcaucasia, Uzbekistan)

Cutting age. I. Z. Polubko Izv. Kar. i Kol'. fil. AN SSSR no. 3 127-136 '59.

Determining the optimum cutting age I V Logvinov Izv. vys ucheb zav., les zhur 2 no 5 47-50 '59

For a basic improvement of forest management Les prom 37 no 12 7-8 D '59

For efficiently organized forest management. V F Spitsyn Les khoz. 12 no. 12 22-24 D '59.

Get rid of disagreements between forest and land organization S A Ratnev Les khoz 12 no 12 18-21 D '59.

FOREST NURSERIES see subdivision under Czechoslovakia, Rumania

FOREST PRODUCTS

(see also subdivision under Archangel Province)

Lapiro-Skoblo, S. IA. [Forest products, a commercial guide] Lesnoe tovarovedenie. Izd. 2., perer. i dop. Moskva, Goslesbumizdat, 1959. 435 p.

FOREST PROTECTION

Conference on the protection of forests against diseases and pests, A Vorontsov, N. Mel'nikova Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2 224-227 '59.

Protect forests! Les. khoz. 12 no 12 77 D '59

FOREST ROADS

Selecting the amount of binding materials for surfacing dirt logging roads stabilized with lime. S. A. Morozov. Nauch. dokl. vys shkoly, lesoinzh. delo no. 2,123-128 '59

FOREST SOILS

(see also subdivision under Karelia)

Relation between the distribution of herbaceous vegetation and the mechanical composition and humus content of sandy soils in the dry pine forests of the Irtysh Valley. I P. Povaliaeva. Nauch. dokl. vys. shkoly, biol. nauki no. 2 128-131 '60.

FORESTRY SCHOOLS AND EDUCATION see subdivision under White Russia

FORESTS AND FORESTRY

(see also subdivision under Azerbaijan, Central Russian Upland, Crimea, Kharkov Province; Kuybyshev Province, Leningrad Province, Moldavia, Sarny District, Siberia, Tula Province, White Russia)

Bonus awards for workers of agricultural enterprises and organizations. I. Shabodo. Sots. trud 4 no. 7·133-137 Jl '59

Brief news and information. Les. khoz. 12 no. 12·84-86 D '59.

Follow-up on published articles. Les. khoz. 12 no. 12·73 D '59.

Forester shares his experience ("Forester's notes" by P. I Dement'ev Reviewed by N. A. Khotinskii-Sibiriak) Les. khoz 12 no. 12 74-76 D '59

Forestry in 1960 B M. Perepechin. Les. khoz. 12 no 12.1-4 D '59.

Items from newspapers Les. khoz. 12 no 12·87-88 D '59

Mixed pine, spruce, and oak plantations N. T. Kochkar'. Izv vys ucheb. zav., les zhur 2 no 5 166-167 '59

Nemirovskii, E. L., G. I. Rebrova, and S. M. Savinkov. [Work conditions and the wage system in forestry; a manual for workers, engineers and technicians, accounting personnel, and guards of working circles and groups] Usloviia truda i sistemy zarabotnoi platy v lesnom khoziaiastve; posobie dlia rabochikh inzhenerno-tekhnicheskikh rabotnikov, schetnogo personala i rabotnikov lesnoi okhrany leskhozov i lesnichestv. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1960. 346 p.

New book on chemical weed control ("Chemical weed control in forestry" by N E Dekatova Reviewed by V P Bel'kov, I. V Shutov). Zashch rast ot vred i bol 4 no 3,61 My-Je '59

Possibilities for applying chemical weed control in forestry N. E Dekatov, A. P Samoilov. Les. khoz. 12 no. 12·10-16 D '59.

Working parts of cultivators and their effectiveness in the maintenance of forest plantations varying in the degree of weddiness. P S. Nartov. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2,13-18 '59.

FORESTS AND FORESTRY—ACCOUNTING

Methods of calculating production costs in forestry and lumbering. P. IA. Ostrovskii. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2,76-80 '59.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—ECONOMIC ASPECTS see subdivision under White Russia

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Device for measuring the height of trees. Les. khoz. 12 no 12 61 D '59

Tree-climbing chokers (II P). I Gailis. Les khoz. 12 no 12 57-58 D '59

FORESTS AND FORESTRY—HANDBOOKS, MANUALS, ETC

Perekhod, V. I., and I. D. IUrkevich, eds. [Forester's handbook] Spravochnik rabotnika lesnogo khoziaistva. Izd. 3, ispr. i dop Minsk, Izd. Akad. nauk BSSR, 1959. 516 p.

A reference manual on forestry is needed, P. P. Grigal. Les. khoz. 12 no 12 70 D '59.

FORESTS AND FORESTRY—LABOR PRODUCTIVITY

Methods of determining the level of labor productivity in forestry. M M. Trubnikov Les. khoz. 12 no. 12 52-56 D '59

FORESTS AND FORESTRY—VALUATION

Comparative results obtained in the direct counting of trees and in using aerial photographs for counting. I. N. Mazhugin. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2: 38-41 '59.

Determining the current annual increment of a felled tree. V G IAroshevich Izv vys ucheb. zav., les zhur 2 no 6 49-53 '59

Effect of the density and age of stands on the mean diameter of trees. P. M. Verkhunov. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2·42-44 '59.

Simple method for determining the growing stock and the yield of different grades of lumber in a felling unit. N. P. Anuchin. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2· 32-37 '59

Zakharov, V. K., and others. [Timber valuation manual] Lesotaksatsionnyi spravochnik. Pod obshchei red. V. K. Zakharova. Minsk, Gos. izd-vo BSSR, 1959. 300 p.

FORGERY OF WORKS OF ART

Forgery of art objects and antiques. E. Finn. Sots. zakon 36 no. 12 73-75 D '59.

FORGING

(see also subdivision under Minsk, Sverdlovsk)

Amount of fullering in the manufacture of seamless-forged wheels M. IU. Shifrin. Kuz.-shtam. proizv. 1 no. 12· 5-8 D '59.

Changing heating conditions of blanks for drop forging of blades made of heatproof alloys. N V. Kliukin and others Prom. energ 11 no. 12 33 D '59.

Deformations and strains in transverse forging. L. N Oklei, D. M Lomsadze. Izv vys uchev zav.; chern. met no 3:44-50 '60.

Effect of friction on the walls of a closed die on flow characteristics of metal squeezed out between dies. A. Z. Zhuravlev. Kuz.-shtam. proizv. 1 no. 12·9-11 D '59.

Ekimov, K. K., V. D. Makrinov, and G. I. Sukhanov. [Making forgings by means of drop hammers and power presses] Izgotovlenie pokovok pod kovochnymi molotami i pressami. Pod obshchei red. P. V. Kamneva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 122 p. (Bibliotechka kuznetsa-novatora, no. 4)

Investigating deformations and forces in forging on ring pads. I. IA. Tarnovskii, O. A. Ganago, R. A. Vaisburd. Izv. vys. ucheb. zav., chern. met. 2 no 6:55-67 Ag '59.

Regularities of nonuniform deformation during upsetting. IA. M. Okhrimenko. Kuz.-shtam. proizv. 1 no. 12:1-5 D '59.

Some problems of hardening during cold upsetting. Kuz.-shtam. proizv. 1 no. 12,11-14 D '59

FORGING—BIBLIOGRAPHY see Bibliography—Forging

FORGING MACHINERY

The A823-type eight-spindle press with an 80-ton capacity A F. Nistratov. Biul. tekh.-ekon inform no. 11:16-18 '59

Calculating stresses caused by overload of drop-forging crank presses. V. F. Volkovitskii. Vest. mash. 40 no. 1,45-48 Ja '60.

Deformation of crank presses for hot forging under the effect of loading. I. I. Girsh, V. F. Volkovitskii. Kuz.-shtam. proizv. 1 no. 12 23-28 D '59.

Eksperimental'nyi nauchno-issledovatel'skii institut kuznechno-pressovogo mashinostroeniia. [Investigation and design of drop forging and die stamping machinery] Issledovaniia i raschety mashin kuznechno-shtampovochnogo proizvodstva. Pod red. A. I. Zot'eva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry,
Vol. 1. 1959. 233 p.

[MICROFILM]

Gusev, A. N. [Introducing automatic control of drop forging presses] Avtomatizatsiia kovochno-shtampovochnogo pressa. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 45 p.

FORK LIFT TRUCKS

A new accumulator cart with a lifting platform I. Ler I Tolchinskii Sov torg 33 no 1·43-44 Ja '60

FORMALDEHYDE

Reactions of nitric acid with formaldehyde, rongalite, and hydrosulfite. A. K. Shtol'ts. Izv. vys. ucheb. zav., khim. i khim. tekh. 2 no. 6:852-857 '59.

Simultaneous polycondensation of phenoxyacetic acid and anisole with formaldehyde. A. A. Vainsheidt, N. N. Kuznetsova, K. P. Papukova. Zhur. prikl. khim. 32 no. 12·2698-2703 D '59.

Synthesis of dienes based on olefins and aldehydes. Part 2: Synthesis of divinyl from propylene and formaldehyde. M. I. Farberov and others. Zhur. ob. khim. 30 no. 4:1099-1106 Ap '60.

FORMALDEHYDE—PHYSIOLOGICAL EFFECT

Effect of formaldehyde on the coefficient of muscle polarization E. V Burlakova. TSitologiia 1 no 6·661-664 N-D '59

FORMIC ACID

Determination of acetic acid by diphenylcarbazone [with summary in English]. T. O. Ret'man. Dop. AN URSR no. 10,1130-1132 '59.

FORMOSA—HISTORY

Kitaiskoe narodnoe obshchestvo po izucheniiu mezhdunarodnykh otnoshenii. [Against American occupation of Taiwan and the plots of the U.S.A. directed toward the creation of two Chinas, a collection of documents and materials] Protiv amerikanskoi okkupatsii Taivan'ia i proiskov SShA, napravlennykh na sozdanie dvukh Kitaev, sbornik dokumentov i materialov. Pekin, Izd-vo lit-ry na inostrannykh iazykakh, 1959. 176 p.
(MH)

FORSTER, GEORG, 1754-1794

Aesthetics of Georg Forster. G. S. Slobodkin. Uch. zap. Sver. gos. ped. inst. no. 15:148-172 '57.

FORSTERITE

Production of forsterite refractories from asbestos waste. P. S. Mamykin, IU. D. Syreishchikov. Ogneupory 24 no. 12:529-538 '59.

FORTIFICATIONS, OLD see subdivision under Kiev

FOSTER HOME CARE

"Fosterage" in ancient Russia [with summary in English]. V. K. Gardanov. Sov. etn. no. 6:43-59 N-D '59.

FOUNDATIONS

Coordinating research in soil mechanics and foundation engineering. Osn., fund. i mekh. grun. no. 6:1-2 '59

Designing and constructing large-panel buildings on sagging loess soils. V. I. Krutov, E. A. Sorochan. Osn., fund. i mekh. grun. no. 6:3-5 '59.

Effect of the irregular settling of foundations on the deformation of cylindrical tanks. K. K. Ponomarev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:120-125 '59.

Frost action under foundations during the construction of buildings. V. S. Moskalev, I. V. Fenogenov, B. D. Vasil'ev. Osn., fund. i mekh. grun. no. 6:20-22 '59.

Improving the carrying capacity of frozen ground by preliminary thawing. V. F. Zhukov. Probl. Sev. no 3 51-59 '59.

Information. Osn., fund. i mekh. grun. no. 6:28-30 '59.

Investigating the most efficient distribution of settlement joints in and the strength of continuous foundations on non-uniformly thawing soils. F. P. Vilenskii. Osn., fund. i mekh. grun. no. 6:9-11 '59.

Levin, S. L. [New designs of lightweight precast block foundations] Novye konstruktsii sbornykh fundamentov iz oblegchennykh blokov. Leningrad, 1959. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 15)

Precast foundations on sagging and light soils. P. I. Dranishnikov. Nov. stroi. tekh. no. 13:174-180 '59

Precast monolithic heat-resistant reinforced concrete foundations of coke-oven batteries. P. G. Buriak, S. S. Posternak. N. S. Gutnik. Prom. stroi. 37 no 12 27-29 D '59.

Refining the approximate method for designing buildings to be constructed on ground located over mines. V. I Rezichenko. Nov. v stroi. tekh. no 13:10-55 '59.

Russia (1917- R.S.F.S.R.) Komitet po delam stroitel'stva. [Standards and technical specifications for designing natural foundations for buildings and industrial structures] Normy i tekhnicheskie usloviia proektirovaniia estestvennykh osnovanii zdanii i promyshlennykh sooruzhenii NiTU 127-55. Moskva, 1955. 47 p.
(MH)

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDING

First Russian manual on founding and its author mining engineer Apollon Fedorovich Movius. D. M. Modelevich Lit. proizv. no. 12:43-45 D '59.

Founding of laminated metal gear wheels with cast cogs A. V. Kochetkov. Lit. proizv. no 12 40-41 D '59

Introducing automatic control of mold filling. A. M. Sharkov. Lit. proizv. no. 12:41 D '59.

Making castings by the method of vacuum suction A A Ridnyi. Lit proizv no. 12 12-13 D '59

Method of experimentally investigating the rate of metal flow in foundry molds E. Z Rabinovich Izv vys. ucheb zav ,chern. met no 3:185-188 '60.

New methods of cropping and cleaning castings M. S. Kashanskii M. A Kremer, S. E Tysovskaia Lit proizv. no 12 8-9 D '59

FOUNDING—CONGRESSES

Twenty-sixth International Foundry Congress D P Ivanov Lit proizv no 12 1-2 D '59

FOUNDING—PRODUCTION STANDARDS

Improve the establishment of work norms for foundry work. V. Kovcha. Sots. trud 4 no. 7:92-93 Jl '59.

FOUNDRIES see subdivision under Czechoslovakia, Sverdlovsk Province

FOUNDRIES—EQUIPMENT AND SUPPLIES

Apparatus with one electron tube performing the functions of many time and reflector relays M M Kushch Lit proizv. no 12 14-15 D '59

Drum-type tapered polygonal screens. T. I. Platina. Standartizatsiia 23 no. 11:44 N '59.

Inertia shakeout grate K. A Chaikovskii Lit. proizv. no 12 13-14 D '59

Mechanization and automatization of lead-teeming processes. IU. M. Burdakov, T. T. Polupanov. Mekh. i avtom. proizv. 13 no. 12.29-30 D '59.

Mechanization of unit and short-run production of cores A I Zorin Lit proizv no. 12 15-16 D '59

Operating conditions of a die casting machine with a horizontal pressure chamber V M Belov Lit proizv *no 12 11-12 D '59*

Sectional flask. B. V. Rabinovich. Lit. proizv. no. 12.39 D '59.

Skip hoister for cupola furnace charging; Gunboat Repair Yard *V Korolev Inform sbor. TSNIIMF no 26:99-* 101 '58.

Technology of making foundry iron in blast furnaces of the Kuznetsk Metallurgical Combine N N. Chernov and others. Izv vys ucheb. zav. ; chern met. 2 no 8:21-29 Ag '59.

Use of one-piece core boxes in making high cylindrical cores. R. K. Khamidov. Lit. proizv. no. 12:41 D '59.

Vibration table for precision casting in block V. V Zintsov Lit proizv no 12 33 D '59

FOUNDRIES—QUALITY CONTROL

Production of high quality iron castings I P Nedosek. Lit. proizv no 12 38 D '59.

Rate of sound diffusion as criteria for gray cast iron quality (from "Giesserei Techn -wiss." no. 14, 1954, no. 15, 1955, no 16, 1956) Metalloved i term. obr. met. no. 12 55-60 D '59

FOUNDRY SAND see Sand, Foundry

FOURIER, FRANCOIS MARIE CHARLES, 1772-1837

Problem of combining education with productive work in the teachings of Charles Fourier. I. I. Zil'berfarb. Sov. *pedag. 23 no. 12:98-109 D '59.*

FOURIER'S SERIES

Summation of Fourier's series by the Bernshtein-Rogozinskii method. Izv vys. ucheb zav., mat. no. 5.104-111 '59.

FRACHON, BENOIT, 1893-

U Nu, Sylvanus Olympio; Benoit Frachon Nov. vrem. 18 no. 20:30-31 My '60.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES

Healing of fractures in young animals in case of impaired innervation. V. S. Topuzov. *Ortop., travm. i protez.* 20 no 4:92-93 Ap '59.

Injury to epiphysial cartilage during intramedullary osteosynthesis, experimental studies L. M. Nagibin. *Ortop., travm. i protez. 20 no. 4:20-24* Ap *'59.*

Late results of surgical treatment of recent fractures in children. G. A. Bairov, F. I. Karpov. Ortop., travm. i protez 20 no. 4.24-29 Ap '59.

Metal lock for coaptation and extramedullary fixation of fragments of long tubular bones. Kh. S. Rakhimkulov. Vest. khir. 83 no. 11:120-122 N '59.

FRAMES (STRUCTURES) see Structural frames

FRANCE—AERONAUTICS

Meeting in France. V. Mishinkin. Grazhd. av. 16 no. 9: 32-33 S '59.

FRANCE—APARTMENT HOUSES

Housing construction in France. S Kibirev Zhil. stroi. no. 11:28-32 '59

FRANCE—CRANIOLOGY

Problem of the "presapiens" in modern literature ("The Fontechevade cave" (in French) by H. V. Vallois. Reviewed by IA. IA. Roginskii). Sov. etn. no. 6:173-179 N-D '59.

FRANCE—ELECTRIC LOCOMOTIVES—TESTING

Results of tests on the French electric locomotive series *VV 16500.* Elek. i tepl. tiaga 4 no. 1:47 Ja '60.

FRANCE—ESSENCES AND ESSENTIAL OILS

Notes on the perfume industry in France. N. Z. IAkobashvili. Masl.-zhir. prom. 26 no. 1:37-42 Ja '60.

FRANCE—FOREIGN RELATIONS—RUSSIA

French encounters. Sh. Sanakoev. Mezhdunar. zhizn' 7 no. 5:9-19 My '60.

The French people are eager to meet *N. S. Khrushchev* IU Kozlovskii. Agitator no 1:34-35 Ja '60

In the name of peace. Sov. profsoiuzy 16 no. 7:6 Ap '60.

FRANCE—GAS AND OIL ENGINES—COOLING

By the "order" of the engine. K. Feldiser. Tekh mol. 27 no 12 17 '59

FRANCE—HISTORY

Struggle of the French proletariat for the economic interests of workers, democratic freedom and peace in 1931-1935. S A. Stegar'. Uch. zap MGZPI no 4 299-331 '59.

Works by Soviet scholars on the history of France ("French yearbook; article and materials on the history of France". Reviewed by V. V. Al'tman [In French]. *Vest. ist. mir. kul't. no. 6:140-113* N-D '59.

FRANCE—HISTORY—STUDY AND TEACHING

Documentary films for the study of the topic "The Franco-Prussian War and the Paris Commune." A. G. IUkov. Prep. ist. v shkole 14 no. 6:81-85 N-D '59.

"Jacquerie," a teacher's manual, by V. F. Semenov. Reviewed by M. N. Sokolova. Prep. ist. v shkole 14 no. 6: 103-105 N-D '59.

FRANCE—HYDRAULIC ENGINEERING

A survey of French periodical literature on the calculation of hydroelectric power station reservoirs. S. N Kritskii, M. F. Menkel'. Probl reg. rech. stoka no. 8: 257-265 '59

FRANCE—MATERIALISM

G. V. Plekhanov on the materialism of 18th century *French philosophers. E. K. Doroshevich. Trudy Inst.* filos. AN BSSR no. 1.231-246 '58.

FRANCE—MINING ENGINEERING

Blasting operations in French coal mines. V. Shibaev *Mast. ugl 8 no. 12:26 D '59.*

FRANCE—MOTION-PICTURE PLAYS

The literary legacy of Zola on the screen. N. Anosova *Isk kino no. 12:149-156 D '59.*

FRANCE—OILS AND FATS

Oils and fats balance sheet in France for 1958 (from *"Oléagineux," no 7, 1959)* Masl -zhir prom. 25 no 12 41 '59

FRANCE—PUBLIC OPINION

The youth of France is waiting for N. S. Khrushchev. *M. Foletti.* Smena 37 no 1:3 '60

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

For friendship between the people of the Soviet Union and France. I. Koshelev. Bibliotekar' no. 5,39 My '60.

French physicians learned the truth. N. Missonov. Okhr. truda i sots. strakh. no. 12:16-17 D '59.

FRANCE—TRADE UNIONS

He looked for in advance. Gaston Monmousseau. Sov. profsoiuzy 16 no. 7:31-33 Ap '60.

A step forward in the protection and organization of apprentices and young workers in France. Jean Magniadas. Vsem. prof. dvizh. no. 6:51-54 Je '59.

FRANCE—WOMEN—EMPLOYMENT

Trade *unionist's notebook, Vsem. prof. dvizh.* no. 4:47-48 Ap '60.

FRANCE—YOUTH

A step forward in the *protection and organization* of apprentices and young workers in France. Jean Magniadas. Vsem. prof. dvizh. no. 6:51-54 Je '59.

FRANKO, IVAN, 1856-1916

I. Franko's tale about "Lel' and Polel'." N. O. Buchko. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 105-109 '59.

I. Franko's unknown preface written in 1877. O. I. Dei. Rad. lit. no. 6:134 N-D '59.

Valuable study about I. Franko ("Ivan Franko" [In Polish] by Marian Jakóbiec. Reviewed by T. H. Pachovs'kyi). Rad. lit. no. 6:147-148 N-D '59.

FREE ELECTRON THEORY OF METALS

Evaluating conditions for the autoradiographic *detection* of adsorption irregularities of concentration. V. S. Gavrilishev, A. N. Orlov, I. A. Shvarts. Fiz. met. i metalloved. 8 no. 5:641-647 N '59.

FREEMASONS

Ivanov, V. F. [History of Russian masonry] Istoriia russkogo masonstva. [Argentine, Izd-vo "Rus'," n. d.] 2 v.
(IEN)

FREEZING POINTS OF SOLUTIONS see Cryoscopy

FREIGHTERS

Economic efficiency of diesel-propelled freighters for mixed river and sea transportation of loose-bulk cargo. A. P. Irkhin. Rech. transp. 18 no. 12:10-11 D '59.

High cargo capacity carrier for inland water transportation. V. A. Evstifeev. Sudostroenie 25 no. 12:1-5 D '59.

New freighter and tugboat fleet planned for the seven year period. Rech. transp. 18 no. 11 inner N '59

FRENCH LANGUAGE see subdivision under Algeria

FRENCH LANGUAGE—HOMONYMS

Homonyms of proper names in the contemporary French language. P. IU. Iur'eva. Uch. zap. MGPIIIA 19:159-171 '59.

FRENCH LANGUAGE—SYNTAX

Contraction of syntactical groups in the French language. V. G. Gak Nauch. dokl. vys. shkoly. filol. nauki no. 1:14-55 '59.

FRENCH LANGUAGE—TENSE

A study of the developmental characteristics of the French verb-tense system. N. A. Golubeva. Uch. zap. MGPIIIA 19 161-171 '59

FRENCH LANGUAGE—VERBS

Correlation in the contemporary French language between the conditional and the relative future. T. IA. Gol'denberg. Uch. zap. MGPIIIA 19.145-160 '59.

FRENCH LITERATURE—HISTORY AND CRITICISM

Uvarov, IU. P. [French literature today; a short survey] Frantsuzskaia literatura segodnia, kratkii obzor. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6., Literatura i iskusstvo, no. 8)

FRENKEL, ZAKHARII GRIGOR'EVICH, 1869-

Outstanding Russian hygienist; on the 90th birthday of Z. G. Frenkel. I. D. Strashun. Vest. AMN SSSR 14 no. 12: 64-71 '59.

Professor Z. G. Frenkel'; on his 90th birthday. Gig. i san. 24 no 12 83-84 D '59.

Z. G. Frenkel', on his 90th birthday. I. D. Strashun. Sov. zdrav. 19 no. 1:79-82 '60.

FREONS

How to check Freon contained in cylinders. V. IAkobson Khol. tekh 36 no. 6.64 N-D '59

Specific theoretical refrigerating capacity of Freon-22. Khol. tekh. 36 no 6 75 N-D '59

FREQUENCY CHANGERS

Bases for analytic calculations for a frequency tripler under active capacitive load. N. A. Galochkin. Sbor. nauch trud. IEI no. 8:278-294 '59.

Frequency divider with direct locking. K. A. Samoilo. Trudy MEI no. 31:14-29 '59.

Ionic frequency converter in the synthetic fiber industry. A. A. Kazymov. Khim. volok. no. 5:59-63 '59.

Phase skipping caused by the action of pulsed interferences when frequency is divided. K. A. Samoilo. Trudy MEI no. 31:30-43 '59.

Raising the limiting frequency and reliability of ionic frequency changers with the use of saturated chokes G. I. Shevchenko, S. G Obukhov. Trudy MEI no. 27 300-312 '59

Rozhanskii, L. L. [Static electromagnetic frequency *converters*] Staticheskie elektromagnitnye preobrazovateli chastoty. Moskva, Gos. energ. izd-vo, 1959. 64 p. (Biblioteka po avtomatike, no. 11)

FREQUENCY MEASUREMENTS

Device for determining frequency characteristics of nonlinear systems [with summary in English]. K. V. Zakharov, V. K. Sviatodykh. Avtom. i telem. 20 no. 12: *1679-1688 D '59.*

FREQUENCY MULTIPLIERS

Additional error in the measurement of phase difference *which arises in frequency* multipliers. K. A. Samoilo, N. V. Talanina. Trudy MEI no. 31.55-68 '59.

FREQUENCY REGULATION

Analysis of tracking failure of a control system in the presence of fluctuating interference [with summary in English]. I. A. Bol'shakov. Avtom. i telem. 20 no. 12: 1611-1622 D '59.

Determination of the stability of transistor and electron-tube circuits by means of the real component of the pole immittance. A A. Kulikovskii Elektrosviaz' 13 no. 12: 43-51 D '59.

FRESH-WATER BIOLOGY

(see also subdivision under Yakhroma Reservoir)

Role of chemosynthesis in the production of organic *matter* in reservoirs. Report No. 4: Feeding of aquatic invertebrates on autotrophic bacteria oxidizing methane *and hydrogen* [with summary in English]. IU. I. Sorokin. Mikrobiologiia 28 no. 6:916-920 N-D '59.

Role of higher plants as food for animal *populations of* swamps. N. N. Smirnov. Trudy Mosk. tekh inst ryb. prom. i khoz. no. 10:75-87 '59.

FRESH-WATER FAUNA see subdivision under Kara Kul', Lake, Mingechaur Reservoir

FRICTION

Automatic oscillation counter in a set-up for the measurement of internal friction E T Golovan', A. I. Efimov, V T. Cherepin. Zav lab. 25 no. 12 1515-1517 '59

Damping action of the non-lubricating friction force on vibrations with unsteady amplitudes N A Pikulev Stroi. mekh i rasch soor. 1 no 6 17-49 '59

Determining the reduced dynamic coefficient of the external friction of bulk mixtures V IA Beletskii Trakt i sel'khozmash no 1 32 Ja '60

Investigating the coefficient of friction in rolling V P Severdenko E S Voiachek Izv vys ucheb zav, chern met no 4 109-112 '60

Strains in the elasticity zones of the deformation center and the friction factor during the deep drawing of pipes M Z Ermanok Izv vys ucheb zav, tsvet met 2 no 6:166-177 '59

X-ray investigation of distortions in the structure of 45 steel under the effect of 45 steel. V D. Sergeeva. Trudy LIEI no 28 78-82 '59

X-ray investigation of the surface layers of metal under the effect of swinging friction. V D. Sergeeva Trudy LIEI no. 28 75-77 '59

FRICTIONAL RESISTANCE (HYDRODYNAMICS)

Water resistance to the movement in the wake of tow trains. G K. Avdeev, I O Veledniskii Trudy TSNIIRF no 39 110-135 '59

FROST see subdivision under Transcaucasia

FROZEN GROUND

(see also subdivision under Aldan Valley, Anadyr' region; Arctic regions, Chita region, Igarka region, Kamchatka, Kazach'ye region, Kola Peninsula, Lena Valley, Pechora Basin, Russia, Northern, Salekhard region, Vilyuy Valley, Zeya Valley)

Defining the concept of "thermokarst " N. I. Mukhin. Trudy Inst merzl AN SSSR 16 108-110 '60

Frost action under foundations during the construction of buildings. V. S. Moskalev, I. V. Fenogenov, B. D. Vasil'ev. Osn., fund. i mekh. grun no. 6,20-22 '59.

General engineering and geocryological examination of permafrost regions of the U S. S. R. and construction methods used on permanently frozen ground P. D. Bondarev. Probl. Sev. no 3:24-50 '59.

Goldaev, L P., and others. [Using thermal methods in working frozen ground] Razrabotka merzlykh gruntov termicheskim sposobom Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 46 p.

Hydrothermal cover Sel'. stroi. 14 no.12:27 D '59.

Improving the carrying capacity of frozen ground by preliminary thawing. V. F. Zhukov. Probl. Sev. no. 3: 51-59 '59.

Investigating the most efficient distribution of stellement joints in and the strength of continuous foundations on non-uniformly thawing soils. F. P. Vilenskii. Osn., fund. i mekh. grun. no. 6:9-11 '59.

New apparatus for moisture determination of frozen rocks under field conditions without drying. A M. Pchelintsev Trudy Inst. merzl AN SSSR 16,172-182 '60.

Periglacial and other zonal geocryological phenomena (recent and ancient). A. I. Popov. Vest Mosk. un. Ser. biol, pochv, geol., geog 14 no 2:187-199 '59.

Phase composition of waters in frozen soils below freezing points T A Litvinova Izv. vys ucheb zav., geol i razv. 2 no 8:128-130 Ag '59.

Shumskii, P. A. [An outline of the history of the study of ground ice] Ocherk istorii issledovaniia podzemnykh l'dov. IAkutsk, IAkutskoe izd-vo, 1959. 52 p.

Studying the transfer of heat and moisture in freezing and thawing ground [with summary in English]. V. P. IAblonskaia Inzh.-fiz. zhur. no. 1:91-93 Ja '60.

Tiutiunov, I. A. [Process of the prodification and transformation soils and rocks at freezing temperatures (chryogenesis)] Protsessy izmeneniia i preobrazovaniia pochv i gornykh porod pri otritsatel'noi temperature (kriogenez). Moskva, Izd-vo Akad. nauk SSSR, 1960. 141 p.

Using pile foundations in construction on permafrost in the city of Noril'sk. M. V. Kim. Osn., fund. i mekh. grun. no. 6:19-20 '59.

FROZEN GROUND—BIBLIOGRAPHY see Bibliography—Frozen ground

FROZEN GROUND—MAPS

Graphic methods of representing the characteristics of strata of frozen rocks E K Krylova. Trudy Inst merzl AN SSSR 16 160-171 '60

FROZEN MEAT see Meat, Frozen

FRUCTOSANS

Fructosan synthesis in vegetative organs of Helianthus tuberosus L. S. M. Strepkov. Dokl. AN SSSR 131 no. 5.1183-1186 Ap '60.

FRUCTOSE PHOSPHATES

Studying transformations of fructose diphosphate introduced in the animal organism A A Kuznetsov, B N Stepanenko Dokl AN SSSR 132 no 1 213-216 My '60

FRUCTOSIDASES

Refractometric method for determining the activity of beta-fructosidases in yeast, flour, malt and other vegetable products K P. Petrov Izv vys ucheb zav, pishch tekh no 5:143-148 '59

FRUIT

(see also subdivision under Daghestan; Tien Shan)

FRUIT—CHEMICAL COMPOSITION

Vitamin concentration in the fruit of different varieties of black currants, wild roses, rowan tree, and sea buckthorn and recommendations with reference to their cultivation. E. M. Stepanova. Trudy Bot inst Ser. 6 no 7:353-356 '59.

FRUIT—DISEASES AND PESTS

Effective poison against orchard pests. V. V. Shcherbakov. Kolh. Ukr. 6 no. 12 38 D '59.

Using sprayers in orchards A I. Chekalov Zashch rast ot vred i bol 4 no 3 23-24 My-Je '59

FRUIT—FERTILIZERS AND MANURES

Distribution of fertilizers in the orchard as related to the spreading of root systems. A. S. Deviatov, V. N. Balobin. Sad i og 97 no. 11 49-52 N '59.

Efficient utilization of fertilizers in orchards and berry patches S S Rubin Ud i ur 4 no 12 21-26 D '59

FRUIT—PRESERVATION

Antibiotic properties of pickled and fermented fruits and vegetables. Krum Rizvanov Sad i og 97 no 11 69 N '59

FRUIT—STORAGE

Winter storage of fruit. K. F. Dem'ianets', B. D. Ihnat'iev Kolh Ukr 6 no 12 37 D '59.

FRUIT—VARIETIES see subdivision under Ukraine

FRUIT, DRIED—STORAGE

Chemical changes in dried fruit during storage. A. T. Markh, IU. G Skorikova Izv vys ucheb zav., pishch. tekh. no. 5:42-50 '59

FRUIT CULTURE

(see also subdivision under Alma-Ata Province; Armenia; Baltay District, Carpathian Mountain region, Caucasus, Northern, Crimea; Daghestan; Kirghizistan; Komi-Permyak National region, Krasnodar Territory; Moldavia; Nizhnegorskiy District, Rostov Province, Turkmenistan, Ukraine; Voronezh Province, Yegorlykskaya District)

At the Minusinsk Experimental Station for Fruit and Vine Crop Cultivation V A Shevchenko Sad i og 97 no 12 41-42 D '59

Be sure to take local conditions in consideration A Koliada Sad i og 97 no 12 60 D '59

Biological characteristics of new dwarf and semidwarf rootstock. V. F. Dolgov. Agrobiologiia no. 6:938-939 N-D '59.

Cultivating the orchard soil around trees. V. N. Drozdov. Sad i og. 97 no. 11 73-74 N '59.

Development and distribution of fruit culture in the U S S R P F. Dubrova Sad i og 97 no. 12:28-31 D '59

Have orchards well protected. S. Potapov. Sad i og. 97 no. 11:44-46 N '59.

Khabenka, K. K. [Fruit culture] Pladavodstva; druhoe vypraulenae i dapounenae vydanne. Minsk, Dziarzhaunae vyd-va BSSR. Red. sel'skahaspadarchai. lit-ry, 1959. 266 p.
(DA)

Kolesnikov, V. A. [Further expansion of fruit culture] Za dal'neishee razvitie plodovodstva. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe ob-vo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 6)

Kolesnikov, V. A., ed. [Amateur fruitgrower's reference manual] Kalendar' – spravochnik sadovoda-liubitelia. Moskva, Izd-vo M-va sel'khoz. khoz. SSSR, 1959. 494 p.
(DA)

Plenum of the Section of Fruit Culture, Viticulture and Subtropical Plants of the Lenin All-Union Academy of Agricultural Sciences held in Kishinev. A. F. Entushenko. Vest. sel'khoz. nauki 4 no. 11:148-150 N '59.

Possibilities for developing fruit culture and viticulture in the U. S. S. R. [with summaries in English, German, and French]. V. A. Kolesnikov. Vest. sel'khoz. nauki 4 no. 11:23-33 N '59.

Results obtained from the interspecific hybridization of fruits and berries. Kh. K. Enikeev. Agrobiologiia no. 6:924-928 N-D '59.

Stratification of fruit seeds. F. I. Omorokov, E. F. Timoshenko, M. I. Lazukov Sad i og. 97 no. 11:72-73 N '59

Stratification of seeds. A. N. Ven'iaminov, L. A. Dolmatova. Sad i og. 97 no. 11:46-49 N '59.

Winter irrigation protects orchards and berry patches from late frosts. L. V. Mager. Sad i og. 97 no. 11: 56-57 N '59

FRUIT CULTURE—BIBLIOGRAPHY see Bibliography—Fruit culture

FRUIT CULTURE—EXHIBITIONS

Exhibition on fruit culture in Tyumen A. E. Bersenev. Sad i og 97 no 12 64 D '59.

FRUIT CULTURE—LABOR PRODUCTIVITY

Ways of increasing labor productivity [illegible] Sad i og 97 no 12 35-39 D '59

FRUIT CULTURE—PERIODICALS

Readers comments on "Sad i ogorod " Sad i [illegible] no 12 63-64 D '59

FRUIT TREES

How planting perennial grasses in every other [illegible] affects the growth of fruit trees. D. S. [illegible] A. P. Kacharava. Sad i og. 97 no. 11 [illegible]

FRUIT TREES—DISEASES AND PESTS

Four methods to make tree bark inedible for [illegible] tekh. 4 no. 11 61 N '59.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

Here M V Frunze lived and studied D V[illegible] Kazakh. 24 no 2 117-119 F '56.

Punin, L. N. [M. V. Frunze, distinguished com[illegible] the civil war] M. V. Frunze - vydaiushchiisia [illegible] grazhdanskoi voiny. Leningrad, Ob-vo po ra[illegible] sprostraneniiu polit. i nauchn. znanii RSFSR, [illegible] nie, 1959. 44 p.

FRUNZE—THEATER

"The cherry orchard." I. Romaneeva. [illegible] 194 Ja '60.

FUEL

(see also subdivision under Tajikistan)

All-Union Conference on the Problems of the [illegible] sources of the Ferrous Metallurgy of the [illegible] S. S Dvorin Koks i khim. no. [illegible]

Preface Trudy VNIIT no 8 3 '59.

Rakovskii, V. E. [Solid fuel as chemical raw material] Tverdoe toplivo kak khimicheskoe syr'e Mo[illegible] vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 31 p.

Useful book ("Fuels and lubricants" by N. N. [illegible] Reviewed by A. Stekhun). Tekh. v sel'khoz [illegible] 92-93 Ja '60.

FUEL—CLASSIFICATION

Genetic classification of mineral fuels. [illegible] Trudy VNIIPS no. 1:18-56 '55

FUEL PUMPS

Lighter fuel-pump racks. F Muzychuk Tekh [illegible] 20 no 1 80 Ja '60.

Prolonging the life of oil pumps L. Lel'chuk. Tekh kolkh., RTS, sovkhoz. 30 no 21 9-10 N '59

FUEL RESEARCH

Fuel should not burn. L. Il'ichev. Izobr. i rats. [illegible] 14 Ja '60

FUNCTIONAL ANALYSIS

Absolute minimum of one functional. I. A. [illegible] Sib. otd. AN SSSR no. 11,90-91 '59.

Embedding theorems for a region with [illegible] I. G. Globenko. Dokl. AN SSSR 132 no. [illegible] '60.

Formulas for traces in the case of Sturm-Liouville's differential singular operator V S Buslaev. L D Faddeev Dokl AN SSSR 132 no. 1 13-16 My '60

Functional of the first derivative and refinement [illegible] Markov's theorem. E. V. Voronovskaia. Izv. AN Ser. mat. 23 no. 6:951-962 N-D '59.

Gel'fand, I. M., and G. E. Shilov. [Generalized functions and operations on them] Obobshchennye funktsii i deistviia nad nimi. Moskva, Gos. izd-vo fiziko-matematicheskoi lit-ry, 1959. 470 p. (Obobshchennye funktsii no. 1)

Letter to the editor. V. P. Maslov. Usp. mat. nauk 14 no. 6:246-248 N-D '59.

Problem in the theory of approximation of fun[illegible] Rivkind. Usp. mat. nauk 14 no. 6:185-190 N-D '59

Problems on the determination of maximum and [illegible] values. I. Dorski. Sov. shkola no. 6,60-60 [illegible]

Solving non-self-conjugated mixed problems for hyperbolic systems in a plane by the Fourier method [illegible] V. F. Zhdanovich. Mat. sbor 49 no. 3:231-256 [illegible]

Studying the maximum principle Part 3 A [illegible] drov Izv vys ucheb zav., mat no 5 18-32 '59

FUNCTIONAL EQUATIONS

Improving the congruence of one method for the [illegible] mate solution of functional equations. M. H. [illegible] Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) [illegible] '59.

FUNCTIONS

On the theory of p-valent spiral functions [with [illegible] in English]. I. M. Hal'perin. Dop. AN URSR no. [illegible] 1051-1053 '59.

One class of schlicht functions of V. A. Zmorovich [with summary in English]. M. F. Kotsur. Dop. AN URSR no. 10:1060-1063 '59.

Regularization and the problem of division. V [illegible] modov. Dokl. AN SSSR 132 no. 2:295-298 My '60

Some properties of functions with limited boundary [illegible] tion. Part 2 [with summary in English]. K. M. [illegible] Dop. AN URSR no. 10:1054-1059 '59.

FUNCTIONS (Continued)

Tables and interpolation of a certain class of functions. V. S. Riaben'kii. Dokl. AN SSSR 131 no. 5:1025-1027 Ap '60.

Theorem on the analytic continuation of generalized functions. O. S. Parasiuk. Ukr. mat. zhur. 11 no. 3:328-330 '59.

FUNCTIONS, ANALYTIC

Fage, M. K. [Operator-analytical functions of one independent variable] Operatorno-analitychni funktsii odniiei nezalezhnoi zminnoi. Z peredmovoiu N. N. Bogoliubova. [L'viv] Vyd-vo L'vivs'koho derzh. univ., 1959. 173 p.

Maximal domains of the univalency of certain classes of analytic functions (with summary in English). I. Chikalov. Ukr. mat. zhur. 11 no. 4:403-412 '59.

One method for solution of the Poincaré problem for analytic functions. V. S. Vinogradov. Dokl. AN SSSR 132 no. 1:17-19 My '60.

Set of defective values of meromorphic functions of finite order. A. A. Gol'dberg. Ukr. mat. zhur. 11 no. 4:438-443 '59.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CONTINUOUS

Approximation of continuous functions by entire functions on a real axis. G. M. Avetisian. Izv. vys. ucheb. zav.; mat. no. 5:3-15 '59.

FUNCTIONS, ENTIRE

Approximation of continuous functions by entire functions on a real axis. G. M. Avetisian. Izv. vys. ucheb. zav.; mat. no. 5:3-15 '59.

Approximation of functions with a given modulus of smoothness on the exterior of an intercept and a halfaxis. R. M. Trigub. Dokl. AN SSSR 132 no. 2:303-306 My '60.

Growth of entire functions permitting some estimates from below. V. I. Matsaev. Dokl. AN SSSR 132 no. 2:283-286 My '60.

Interpolation in the class of entire functions of finite order. G. P. Lapin. Izv. vys. ucheb. zav.; mat. no. 5:146-153 '59.

Linear aggregates of entire functions. I. F. Lokhin. Mat. sbor. 48 no. 3:341-346 N '59.

FUNCTIONS, MEROMORPHIC

Relationship between the growth of a meromorphic function and the distribution of its values over the arguments. I. V. Ostrovskii. Dokl. AN SSSR 132 no. 1:48-51 My '60.

FUNCTIONS, PERIODIC

Approximation of periodic functions of many variables by trigonometric polynomials. K. I. Babenko. Dokl. AN SSSR 132 no. 2:247-250 My '60.

Best approximation in classes of periodic functions determined by kernels representing integrals of absolutely monotonic functions. V. K. Dziadyk. Izv. AN SSSR. Ser. mat. 23 no. 6:933-950 N-D '59.

Linear trigonometric polynomial operations in spaces of almost-periodic functions. D. L. Berman. Mat. sbor. 49 no. 3:267-280 N '59.

Semiperiodic functions with an infinite basis. M. I. Al'mukhamedov. Izv. vys. ucheb. zav.; mat. no. 5:13-19 '59.

FUNCTIONS, TRIGONOMETRICAL see Trigonometrical functions

FUNCTIONS OF COMPLEX VARIABLES

Connection formulas for singular Tricomi problems. M. B. Kapilevich. Dokl. AN SSSR 132 no. 1:28-31 My '60.

Elementary comments on formulas for determining the order and type of entire functions of several variables. A. A. Gol'dberg. Dokl. AN Arm. SSR 29 no. 4:145-151 '59.

Estimates of Taylor coefficients for functions of many complex variables. I. I. Bavrin. Dokl. AN SSSR 131 no. 6:1231-1233 Ap '60.

Hua Lo-kêng. [Harmonic analysis of functions of several complex variables in classical domains. Translated from the Chinese] Garmonicheskii analiz funktsii mnogikh kompleksnykh peremennykh v klassicheskikh oblastiakh. Pod red. M. I. Graeva. Moskva, Izd-vo inostr. lit-ry, 1959. 163 p.

Interpolation and quadrature formulas on W_s^{α} and E_s^{α} classes. S. A. Smoliak. Dokl. AN SSSR 131 no. 5:1028-1031 Ap '60.

Properties of W_p^r classes with a fractional derivative on differential manifolds. S. V. Uspenskii. Dokl. AN SSSR 132 no. 1:60-62 My '60.

Topological methods in the theory of functions of a complex variable. I. M. Mel'nik. Dokl. AN SSSR 131 no. 5:1015-1018 Ap '60.

Transformation of systems of flat-meridian-field equations and similar systems. N. A. Oranskaia. Sbor. nauch. trud. IEI no. 8:52-60 '58.

FUNGI

Arginase activity of Microsporum lanosum, M. ferrugineum, Epidermophyton, and Fusarium. E. S. Podgaietskaia, T. T. Sukhenko. Izv. Sib. otd. AN SSSR no. 11:71-80 '59.

New species Tyromyces pseudoboehmeii Bond. et Komarowa. E. P. Komarova. Dokl. AN BSSR 3 no. 12:507-509 D '59.

FUNGI - CLASSIFICATION

Classification of the fungus family Polyporaceae. E. P. Komarova. Dokl. AN BSSR 3 no. 11:463-467 N '59.

FUNGI, FOSSIL see subdivision under Kazachinskoye District, Udereyskiy District

FUNGI, PATHOGENIC

(see also subdivision under Kirghizistan)

Morphology, pathogenesis and etiology of "mil'duk" feed poisoning in farm animals. M. V. Nelhotiaev. Izv. Otd. estl. nauk AN Tadzh. SSR no. 3:39-46 '58.

FUNGI, PHYTOPATHOGENIC see subdivision under Volosovo District

FUNGICIDES

Chemical methods of treating vegetable crops and the sanitary and hygienic evaluation of these methods. A. S. Belitseva. Zashch. rast. ot vred. i bol. 4 no. 3:33-34 My-Je '59.

Esters of thiosulfonic acids, new fungicide agents. B. G. Boldyrev, E. A. Gar, N. V. Evtreeva. Dokl. AN SSSR 132 no. 1:116-118 My '60.

FUR BEARING ANIMALS see subdivision under Kirghizistan, Siberia, Eastern

FUR FARMING

(see also subdivision under Chernigov Province, Pelym Valley, Soviet Far East)

Fur farming. K. Tatarinov. Nauka i zhyttia 8 no. 5:38-40 My '58.

FURALDEHYDE

Condensation of 5-halofurfurols with methyl ketones. Part 4: Condensation with acetophenone and its derivatives. Z. N. Nazarova, A. D. Garnovskii. Zhur. ob. khim. 30 no. 4:1092-1097 Ap '60.

Furfurole in the biological media in the body of workers of hydrolysing factories and the method for determining it. G. N. Ra...vaov, Kh. A. Vrgeretskaia. Izv. AN Uz. SSR Ser. med. no. 6:16-20 '59.

Improved technology of the production of alcohol, furfurole, and yeasts. G. I. Zuev. Gidroliz. i lesokhim. prom. 12 no. 8:17-20 '59.

FURAN

Catalytic hydrogenation of furan compounds in a flow system under pressure. N. I. Shuikin, I. F. Bel'skii. Dokl. AN SSSR 131 no. 5:1117-1119 Ap '60.

Method for preparing 1,4-dichlorobutane from tetrahydrofuran. V. I. Lutkova, N. I. Kutsenko. Zhur. prikl. khim. 32 no. 9:2092-2094 S '59.

Method of isolating tetrahydrofuran from reaction gases. P. A. Moshkin and others. Khim. prom. no. 6:484-486 S '59.

Synthesis of methyl 3-tropanone-2-carboxylate. M. S. Bainova and others. Zhur. ob. khim. 30 no. 4:1120-1123 Ap '60.

FURANAMINE

Synthesis and some catalytic conversions of primary furylamines. A. A. Ponomarev and others. Dokl. AN SSSR 131 no. 6:1354-1356 Ap '60.

FURMANOV, DMITRII ANDREEVICH, 1891-1926

Characteristics of a hero. E. Sholok. Moskva 3 no. 11:217 '59.

FURNACES

Decision of the temporary commission on industrial power engineering of the State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. pertaining to the adoption of recuperators for industrial furnaces. Prom. energ. 15 no. 1:60-61 Ja '60.

Improvement of furnaces with shaft type impact mills. V. D. Kaigmont, Z. V. Pakuliak. Teploenergetika 7 no. 1:11-17 Ja '60.

Improving rotary furnaces. G. V. Petrosianis, I. M. Tkachenko. Bezop. truda v prom. 4 no. 1:31-33 Ja '60.

Intensive burning of solid fuel with the use of a lining of refractory material. V. G. Vetrov. Teploenergetika 7 no. 1:34-40 Ja '60.

Investigating heat exchange in a horizontal air-cooled cyclone combustion chamber. B. D. Katsnel'son, A. A. Shatil'. Energomashinostroenie 5 no. 11:8-13 N '59.

Mechanical layer fire box with an internal drying shaft. N. I. Kratsberg. Prom. energ. 15 no. 1:22-24 Ja '60.

Methodology involved in heating and cooling according to a previously given law [with summary in English]. V. I. Paatev. Inzh.-fiz. zhur. no. 1:98-102 Ja '60.

Methods for judging the operational efficiency of feed mechanisms in furnaces with overfeed stoking and stationary grates [with summary in English]. G. B. Froishteter. Inzh.-fiz. zhur. no. 1:49-54 Ja '60.

FURNACES, HEATING

Investigation of the thermal operation of small cyclone furnaces with solid ash disposal burning milled peat of low quality. S. A. Tager, G. I. Motin. Teploenergetika 7 no. 1:18-24 Ja '60.

Operation and redesign of three-compartment holding furnaces. V. N. Medvedev, N. I. Butenko, V. P. Murovtsev. Metallurg 4 no. 12:28-31 D '59.

FURNACES, HEATING—MAINTENANCE AND REPAIR

Mechanized unloading of the metal from a holding furnace prior to its repair. V. G. Attarian. Metallurg 4 no. 12:31-32 D '59.

FURNITURE

Dello, V. I. [Sectional and combined furniture; review of foreign practice] Sektsionno-kombinirovannaia mebel'; obzor zarubezhnogo opyta. Moskva, Tsentr. biuro tekhn. informatsii bumazhnoi i derevoobrabatyvaiushchei promyshl. GNTK SSSR, 1960. 77 p.

FURNITURE—PRICES

Bogin, L. M., and Iu. V. Zhukov. [Retail furniture prices] Roznichnye tseny na mebel'. Pod red. A. T. Kuznetsova i Sh. A. Turetskogo. Moskva, Gos. izd-vo torg. lit-ry, 1960. 41 p.

FURUNCLE

Treatment of furuncles of the upper lip with a novocaine block [with summary in English]. M. P. Zhukov. Vest. khir. 84 no. 11:95-96 N '59.

GABBRO see subdivision under Perechin District

GADOLINIUM—ISOTOPES

Nuclear moment of uneven gadolinium isotopes. N. I. Kaliteevskii and others. Zhur. eksp. i teor. fiz. 37 no. 3:882-884 S '59.

GAGANOVA, VALENTINA IVANOVNA

First teachers of Valia Gaganova. A. Rozanov. Sem'ia i shkola 15 no. 1:4-5 Ja '60.

GAGURIN, IVAN FEDOROVICH

Work practices of machinery operator Gagurin. F. Ivanov. Sel'. mekh. no. 12:3-5 '59.

GAIDAR, ARKADII PETROVICH, 1904-1941

Early tales of A. P. Gaidar. Uch. zap. LGU no. 376:103-114 '59.

GAINSBOROUGH, THOMAS, 1727-1788

Krol', A. E. [Thomas Gainsborough; portrait of the Duchess of Beaufort] Tomas Geinsboro; portret gertsogini de Bofor. Leningrad, Izd-vo Gos. Ermitazha, 1960. 13 p.

GALAXIES

Parameters of galactic subsystems and absolute magnitudes of long period Cepheids. I. M. Kopylov, R. N. Kumaigorodskaia. Izv. Krym. astrofiz. obser. 19:169-180 '59.

Vorontsov-Vel'iaminov, B. A. [Atlas and catalog of interacting galaxies] Atlas i katalog vzaimodeistvuiushchikh galaktik. Moskva, Gos. astronomicheskii in-t im. P. K. Shternberga pri Mosk. gos. univ.
Vol. 1. 1959.
(MIR)

GALENA

Influence of certain semiconducting surface properties on the interaction between a xanthate and galena. I. N. Plaksin, R. Sh. Shafeev. Dokl. AN SSSR 132 no. 2:399-401 My '60.

GALI DISTRICT (ABKHAZIA)—HOSPITALS, RURAL

Construction of rural hospitals by collective farms as a means of improving medical service for the rural population. Sh. V. Dzhgamadze. Sov. zdrav. 19 no. 1:20-25 '60.

GALL BLADDER

Technic for the formation of a gall bladder fistula in birds. V. V. Li. Fiziol. zhur. SSSR 45 no. 7:889-890 Jl '59.

GALL BLADDER—DISEASES

Errors in the diagnosis and treatment of acute cholecystitis. A. P. Kitashov. Fel'd. i akush. 25 no. 1:5-8 Ja '60.

Torsion of the gall bladder in a four-year-old child. V. A. Vorob'ev. Zdrav. Belor. 5 no. 12:49-50 D '59.

GALL BLADDER—RADIOGRAPHY

Cholecystographic picture of the normally functioning gall bladder in children. Iu. B. Vishnevskii. Vop. okh. mat. i det. 4 no. 6:35-38 N-D '59.

GALLIC ACID

Suppression of radiation depolymerization of desoxyribonucleic acids by substances inhibiting free-radical reactions. N. M. Emanuel' and others. Dokl. AN SSSR no. 6:1451-1453 Ap '60.

GALLIUM—ANALYSIS

Present-day status of the analytical chemistry of gallium, indium, and thallium (survey). T. V. Cherkashina, V. M. Vladimirova. Zav. lab. no. 11:1307-1316 '59.

Rapid method for determining gallium in nephelines. V. K. Kuznetsova, N. A. Tananaev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:840-842 '59.

GALLIUM ANTIMONIDE

Phase diagram of AlSb - GaSb. A. S. Borshchevskii and others Zhur neorg khim. 4 no. 12 2824-2826 D '59

Physicochemical investigation of the system gallium trichloride - potassium chloride - nitrobenzene IA. A. Fialkov, Z. A. Fokina Zhur. neorg khim 4 no 12, 2752-2758 D '59

Physicochemical study of the system gallium trichloride - nitrobenzene IA. A. Fialkov, Z. A. Fokina. Zhur neorg. khim 4 no 11 2611-2616 N '59.

GALLIUM COMPOUNDS

Geometrical configuration of complexes of monovalent gallium having a coordination number of four. M E. Diatkina Zhur neorg. khim 4 no. 12 2829-2832 D '59

GALLIUM SULFIDE

Reactions of formation of gallium and germanium sulfides. E. M. Nanobashvili, E. G. Davitashvili, M IA. Giorgobiani. Trudy Inst. khim. AN Azerb. SSR 17·38-45 '59.

GALVANOMETER

Ferrodynamic galvanometer with a rotating magnetic field in the circuit of an a. c. balancer. A. A. Stepanian. Izv vys ucheb zav , prib no. 3.8-14 '59

GAMBLING

Fraud by mail V Ardov Smena 37 no 1 21 Ja '60

GAME AND GAME BIRDS

Scientific aspects of game breeding in forest and game management. I. L'vov. Okh i okh. khoz. 5 no. 11·24-25 N '59.

GAMES

(see also subdivision under Ukraine)

Playing with a pencil in hand Sem'ia i shkola 15 no 1 48 Ja '60

GAMMA RAYS

Absorption of gamma radiation from a point-source by macrosystems A. Kh Breger and others. Dokl. AN SSSR 131 no 6 1308-1311 Ap '60.

Angular anisotropy of γ-quanta accompanying fission. V. M. Strutinskii. Zhur eksp. i teor. fiz 37 no. 3 861-863 S '59

Angular distribution and polarization of β-particles in second forbidden transitions [with summary in English] A. Z. Dolginov, E V. Kharitonov. Zhur. eksp. i teor. fiz. 37 no. 3 776-785 S '59.

Calculating the distribution of gamma-ray quanta by energy in the atmospheric layer near the earth's surface. R. M. Kogan, Sh. D. Fridman. Izv. AN SSSR, Ser. geofiz. no. 4 530-547 Ap '60.

Circular polarization of γ-quanta emitted by a nucleus after μ^--capture [with summary in English]. I. S. Shapiro, L. D. Blokhintsev. Zhur. eksp. i teor. fiz 37 no. 3: 760-764 S '59.

Effect of gamma radiation on colloidal solutions of zinc, cadmium and lead sulfides. L. P. Beruchashvili, E. M. Nanobashvili. Trudy Inst. khim. AN Gruz. SSR 14:113-119 '58.

Mechanism of the action of ionizing radiation on native starch V. F. Oreshko, K A Korotchenko Izv vys ucheb. zav ; pishch tekh no. 5:29-34 '59

Plastic scintillation dectors for gamma radiation. N. K. Pereiaslova Prib. i tekh. eksp. no 6·45-47 N-D '59.

Universal apparatus with a Co^{60} source of gamma rays having the activity of 60,000 g-eq Ra for the modeling of radiation chemical apparatus and for research ("K-60 000"). A. Kh. Breger, V B Osipov, V A Gol'din Atom energ 8 no 5 441-445 My '60.

Using gamma rays for determining the surface tension and angle of contact at high temperatures. D. M. Ziv, B. I Shestakov. Zhur. prikl. khim. 32 no. 8:1767-1770 Ag '59.

GAMMA RAYS—EQUIPMENT AND SUPPLIES

Dosimetric characteristics of GUT-Co-400-1 gamma-ray

G. F. Nevskaia. Vest. rent. i rad. 34

-Ap '59.

na-ray apparatus; aid for a general

I. Sh Vainberg. Vest. rent. i rad. 34

-Ap '59.

AL APPLICATIONS

rrigation on the internal fric-

. Gusev. Nauch. dokl. vys.

. 2:211-214 '59.

es on conveyers L. N. Posik,

odko Atom energ 8 no. 5

rs in gamma-ray measure-

erov. Atom energ 8 no. 5 461-463

-PHYSIOLOGICAL EFFECT

lizing and reducing enzymes and resistance

functional diseases due to the effect of

ion. E. N. Mukhin. Dokl. AN SSSR 131

30 Ap '60.

Changes in the morphological composition of the peripheral blood in dogs of different types of higher nervous activity as affected by long-term external irradiation with small doses of gamma rays (Co^{60}) [with summary in English] O F Makarchenko, M F Syrotina, R S Zlatin Fiziol zhur [Ukr] 5 no 6 769-774 N-D '59.

Effect of gamma rays of the radioisotope Co^{60} on certain biochemical and physiological properties of corn grain during storage [with summary in English] A D Chmyr Ukr biokhim zhur 31 no 5 671-680 '59

Effect of gamma rays on embryonic erythropoiesis A. V Bursian Dokl AN SSSR 132 no 1 206-209 My '60

GAMMA RAYS—SCATTERING

Angular energy distribution of gamma rays scattered by water and iron IU A Kazanskii Atom energ 8 no 5 432-440 My '60

Resonance scattering of γ-quanta on the Mg^{24} nucleus [with summary in English]. I. Sh. Vashakidze, T. I. Kopaleishvili, G. A. Chilashvili. Zhur. eksp. i teor. fiz. 37 no. 3·750-755 S '59.

GANGS

Gangs as a form of criminal organization. V. I. Pinchuk. Izv vys. ucheb. zav , prav. 3 no 4 106-115 '59.

GARDENING

Miners' gardens in the spring. E. Nazarian. Mast. ugl. 8 no. 3,29-30 Mr '59.

GARHWAL DISTRICT, INDIA—SKELETON

Riddle of "the Rupkund tragedy " V. Kassis Vokrug sveta no 1 58 Ja '60

GARM DISTRICT—EARTHQUAKE, 1956

The Gazorchashma earthquake of 1956. I. E. Gubin, T. A. Kiniapina. Trudy AN Tadzh. SSR 94·15-28 '58.

GARMENT CUTTING see subdivision under Mozhaysk

GARMENT CUTTING—EQUIPMENT AND SUPPLIES

MRL machine for pattern cutting. IA. P Ibshman. Shvein. prom. no. 6:8-9 N-D '59.

GARMENT CUTTING—SAFETY MEASURES

Safety attachment for a band cutting machine for hand protection. Shvein. prom. no. 6:36 N-D '59.

GARNET

Paragenetic associations of elements occurring as admixtures in garnets of different genetic types. A. S. Dudykina. Trudy IGEM no. 28:90-110 '59

GARNI—BATHS

The bath of a Garni Fortress, a monument of ancient Armenian communal technology. G. A. Tiratsian. Ist.-filol. zhur no 2/3:265-281 '59.

GAS—HEATING AND COOKING

"Ogonek," an automatic, gas-operated air heater. A. I. Aleksandrovich and others Gaz. prom. 5 no 1:25-30 Ja '60.

GAS, NATURAL

(see also subdivision under Stalingrad Province; Szechwan, Ukraine)

Carburizing internal hollow parts by means of natural gas in a protective gas atmosphere L. P Gol'dinov. Gaz. prom. 5 no 1:30 Ja '60.

Change-over of the Kharkov gas distribution system from coke-oven gas to natural gas. IU. I. Danilevich, V. M. Fursaev Gaz. prom. 5 no 1,34-38 Ja '60.

The gas industry must be placed under vigilant control, Neftianik 3 no. 10:1-2 O '58.

Light-blue flame B Tarasenko. Ukraina no 24·19 D '59

Natural gas. L. Dubov. Sem'ia i shkola 14 no. 12:30-31 D '59.

Natural gas as technological fuel for the refractory and ceramic industries. A. A. Shumilin. Ogneupory 24 no. 12·541-549 '59.

Natural gas in place of drilling fluids. Neftianik 4 no. 12:30 D '59.

Natural gas resources in the first year of the seven-year plan N. S. Erofeev Gaz. prom. 5 no 1 5-8 Ja '60

"Use of gas in industrial furnaces and boiler units in Moscow and Moscow Province (materials of the scientific and technological conference in Moscow) " Reviewed by IA Shchukin. NTO no. 11 63 N '59.

Use of natural gas by electric power plants. B. I. Shvorin. Gaz prom. 5 no. 1:38-42 Ja '60.

Uses of casing-head gas. Neftianik 3 no. 8:32 Ag '58.

Work practices of cement plants operating on gas. N. Zakharova. TSement 25 no. 6:4-8 '59.

GAS, NATURAL—COSTS

Method for calculating the cost of gas and gas condensate production. I. A. Rabinovich. Azerb neft. khoz. 37 no. 6:46-48 Je '58.

GAS, NATURAL—GEOLOGY

(see also subdivision under Anabar Valley; Bolshoy Kinel' Valley, Fergana; Fergana Valley; Georgia; Khatanga Valley; Siberia; Tajikistan; Urup region, Caucasus, Northern; Uzbekistan; Yakutia; Yenisey Valley)

Applying gravimetry in direct oil and gas prospecting. I. O. TSimel'zon. Geol. nefti i gaza 3 no. 12:41-46 D '59.

Factors governing the formation of oil and gas pools in Paleozoic sediments in the nearer trans-Volga portion of Saratov Province. S. P. Maksimov, A. I. Ivanov, V. A. Kirov Geol nefti i gaza 3 no. 12·1-8 D '59

In the Ministry of Geology and Preservation of Mineral Resources of the U. S. S. R. Geol. nefti i gaza 3 no. 12: 52-53 D '59.

GAS, NATURAL—PIPELINES

(see also subdivision under Transcaucasia)

Calculating protective jackets for gas pipelines to be laid under railroad embankments. V. V. Rozhdestvenskii. Stroi. truboprov. 4 no. 9 18-20 S '59.

Determination of the parameters of cathodic protection M S. Trifel', V I. Shakov Gaz. prom. 5 no 1 48 51 Ja '60

Geometrical problems applicable to the planning of field oil and gas collecting networks V M Prokof'ev Izv vys. ucheb. zav , neft' i gaz 2 no 11 115-118 '59

In the Main Administration of Urban Gas Supply of the U. S. S. R. Stroi. truboprov. 4 no. 9:20 S '59.

Polymer formation and corrosion of the Kohtla-Jarve Leningrad gas pipeline B I Ivanov and others Trudy VNIIT no 8 106-112 '59

Stavropol natural gas soon will be available to Caucasian watering-places. Izv vys. ucheb zav., neft' i gaz 2 no 11 66 '59.

Techniques for insulating and laying 1,020 mm pipelines. M. S. Svatikov, I. P. Petrov. Stroi. truboprov. 4 no. 9 20-23 S '59.

Techniques of insulating and laying 1,020 mm. pipelines. A. V. IUrlov. Stroi. truboprov. 4 no. 9 4-7 S '59.

TSentral'naia normativno-issledovatel'skaia stantsiia po stroitel'stvu truboprovodov. [Work experience of builders and assemblers of the Shkapovo—Ishimbay—Magnitogorsk gas pipeline] Opyt stroitelei i montazhnikov gazoprovoda Shkapovo—Ishimbai—Magnitogorsk Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 111 p.

GAS, NATURAL—STORAGE

Shirkovskii, A. I. [Underground gas storage; theory, practice, and economics] Podzemnoe khranenie gaza, voprosy teorii, praktiki i ekonomiki. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 73 p.

GAS AND OIL ENGINES

Adding water to fuel and its effect on the duty and efficiency of carburetor engines. K. P. IAroveskii. Trudy LIA no 83.88-110 '59.

Alekseev, V. P., and D. N. Vyrubov. [Internal combustion piston engines] Porshnovye dvigateli vnutrennego sgoraniia. Moskva, Gos. energ. izd-vo, 1959. 102 p. (Biblioteka teplotekhnika, *no. 5*)

Composite two-cycle piston-turbine unit designed by G. Junger. A. A. Chirkov. Izv. vys. ucheb. zav., mashinostr. no. 4:10-19 '59.

Evaluating the quality of scavenging of two-cycle engines A. Janto. Izv. vys. ucheb. zav., mashinostr. no. 4:. 105 '59.

Present status and future development of two-cycle engines fixed in power tools. K. A. Stullayn. Izv. vys ucheb. zav., mashinostr. no. 4:72-80 '59.

Theory of internal combustion engines of automobiles and tractors. D. N. Karal'kou, Sh. IA. Rubinshtein Vestsi AN BSSR, Ser. fiz.-tekh. nav. no. 4:137-133 '59

Volumetric efficiency of a two-cycle engine. M. M. Chursin. Izv. vys. ucheb. zav.; mashinostr. no. 4. 42 '59.

GAS AND OIL ENGINES—COOLING see subdivision under France

GAS AND OIL ENGINES—IGNITION

Ignition of gas-air mixture in two-cycle engines. I. K. Martsinovskii. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6:53-64 '58.

GAS AS FUEL

Natural gas as technological fuel for the refractory and ceramic industries. A. A. Shumilin. Ogneupory 24 no. 12·541-549 '59.

GAS CHROMATOGRAPHY

Theory of gas chromatography. A. A. Zhukhovitskii. Usp. khim. 28 no. 10:1210-1215 O '59.

GAS DETECTORS

Developing and investigating automatic, portable methane detectors (methane-relay). B. V. Guliaev. Izv. vys. ucheb. zav.; gor zhur no. 7:32-39 '59.

GAS DISTRIBUTION

(see also subdivision under Kharkov; Ukraine)

Russia (1917- R. S. F. S. R.) Ministerstvo kommunal'nogo khoziaistva. [Program for training gas-meter readers in urban gas-supply systems] Programma podgotovki kontrolerov po uchetu raskhoda gaza v gorodskom gazovom khoziaistve. Moskva, 1959. 8 p.

GAS FLOW

Basic regularities in gas flow from tapered nozzles used for oxygen cutting. A. D. Kotvitskii. Avtom. svar 12 *no. 12:52-57 D '59.*

Certain factors determining the flow of gases in blast furnaces. Van De-zhun, L. M. TSylev. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no. 2·11-20 Mr-Ap '59

GAS FLOW (Continued)

Distribution of velocities over a closed cylindrical surface. E. I. Korochkin, I. S. Nazarov. Izv. vys. ucheb. zav.; chern. met. no. 4:161-168 '60

GAS FLOW—MEASUREMENT

Measuring gas speed by tracing the flow with ions. P. E. Suetin, G. T. Shchegolev, R. A. D'iachenko. Prib. i tekh. eksp. no. 6:111-114 N-D '59

GAS GOVERNORS

Automatic gas pressure regulator. Neftianik 4 no. 12:25 N '59

GAS INDUSTRY

(see also subdivision under Ukraine)

Gas industry in 1960. A. K. Kortunov. Gaz. prom. 5 no. 1:1-4 Ja '60

New wage scales in the petroleum and gas industries. V. Belen'kii. Sots. trud 4 no. 7:52-58 Jl '59.

Petroleum and gas industries in 1960. Khim. i tekh. topl. i masel 5 no. 1:1-7 Ja '60.

Technical progress is the basis for a successful development of the gas industry. IU. I. Boksernan. Gaz. prom. 5 no. 1:8-12 Ja '60.

GAS MANUFACTURE AND WORKS see subdivision under Ukraine

GAS METERS

Russia (1917- R.S.F.S.R.) Ministerstvo kommunal'nogo khoziaistva. [Program for training gas-meter readers in urban gas-supply systems] Programma podgotovki kontrolerov po uchetu raskhoda gaza v gorodskom gazovom khoziaistve. Moskva, 1959. 8 p.

GAS PIPES

Calculation of residential gas pipelines with an account of excess pressures. A. E. Rezvin. Vod. i san. tekh. no. 1:16-20 Ja '60

GAS PIPES—CORROSION

Polymer formation and corrosion of the Kohtla-Jarve - Leningrad gas pipeline. B. I. Ivanov and others. Trudy VNIIT no. 8:106-112 '59

Use of plastic coatings and jackets for protection of gas pipelines against corrosion. B. A. Konstantinov. Gaz. prom. 5 no. 1:54-56 Ja '60.

GAS PRODUCERS

(see also subdivision under Slantsy)

Increasing the productivity of peat-gasifying gas generators. E. A. Nevmazhskaia, N. IA. Nikulin, M. T. Poliakov. Gaz. prom. 5 no. 1:23-24 Ja '60.

Shale-gas generators of higher productive capacity. E. S. Bezmozgin, A. S. Sinel'nikov. Trudy VNIIPS no. 4:63-84 '55.

GAS PRODUCERS—TESTING see subdivision under Slantsy (Leningrad Province)

GAS PURIFICATION

Improving the electrical gas purification equipment for the calcining department in the alumina plant. IU. A. Medvedev, O. M. Bagrov. TSvet. met. 32 no. 11:83-86 N '59.

Purification of waste gases from vulcanization cookers used in the manufacture of rubber footwear. I. F. Zemskov. Kauch. i rez. 18 no. 12:49-52 D '59.

Thylok process in the purification of gases with a high content of carbon dioxide. N. I. Brodskaia, IU. D. Kernos, V. P. Teodorovich. Zhur. prikl. khim. 32 no. 12:2791-2793 D '59.

Use of the electrostatic precipitator in decontaminating waste gases from the fluosilicate branch of the superphosphate manufacturing process. N. Sh. Safiullin. Khim. prom. no. 6:539-540 S '59.

GAS PURIFICATION—EQUIPMENT AND SUPPLIES

Cyclones for gas-purifying installations. Battery cyclones. Prom. energ. 15 no. 1:3 of cover Ja '60.

GAS STOVES see Stoves, Gas

GAS-TURBINE DISKS

Bending of turbomachine disks. N. N. Malinin. Rasch. na prochn. no. 4:47-95 '59.

Review of the book "Design of discs for turbomachines" by V. F. Ris. Reviewed by L. A. Shubenko-Shubin and V. Z. Kogan. Energomashinostroenie 5 no. 11:48 N '59.

GAS-TURBINE DISKS—VIBRATION

Interconnected bending vibrations of shafts and disks. D. V. Khronin. Trudy MAI no. 100:60-83 '59.

GAS TURBINE LOCOMOTIVES

First Soviet gas-turbine locomotive. Elek. i tepl. tiaga 3 no. 12:9 D '59.

GAS TURBINES

Aerodynamic investigation of the inlet nozzle of a gas turbine. I. G. Gogolev. Izv. vys. ucheb. zav.; energ. 2 no. 11:100-107 N '59.

Effect of the nozzle efficiency ψ on the characteristics of a turbine. M. K. Maksutova. Izv. vys. ucheb. zav.; av. tekh. 2 no. 4:102-107 '59

Investigating the effect of the surface condition on the operating properties of turbine vanes. A. I. Isaev, N. A. Morozov. Vest. mash. 40 no. 1:58-62 Ja '60.

GAS TURBINES—DESIGN

Characteristic radius and its utilization in selecting parameters for supersonic gas turbine. B. A. Cherkasov. Izv. vys. ucheb. zav.; av. tekh. 2 no. 4:108-119 '59

GAS WELDING AND CUTTING

The DZP-1-57 reducer with a consumption indicator. E. T. Kuznetsova. Biul. tekh.-ekon. inform. no. 11:14-16 '59.

Basic regularities in gas flow from tapered nozzles used for oxygen cutting. A. D. Kotvitskii. Avtom. svar. 12 no. 12:52-57 D '59

Oxyarc cutting of metals. N. M. Varfolomeev. Svar. proizv. no. 1:35 Ja '60

GAS WELLS

(see also subdivision under Berezovo region, Tyumen Province)

Self-igniting gasser. K. Tkachenko. Pozh. delo 5 no. 11:17-18 N '59.

GASES

Ignition of inflammable gas mixtures by heated solids and problems involving safety measures. A. I. Rozlovskii, I. S. Roizen, P. G. Sushchev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:962-973 '59.

Mechanism of intermolecular energy exchange involved in the dissociation of a diatomic gas. E. E. Nikitin. Dokl. AN SSSR 132 no. 2:395-398 My '60.

Method of isolating tetrahydrofuran from reaction gases. P. A. Moshkin and others. Khim. prom. no. 6:481-486 S '59.

Pyrolysis of weighted raw materials for producing pyrolysis gas enriched by ethylene. R. G. Ismailov, Z. A. Sultanov, T. M. Ivanova. Azerb. neft. khoz. 37 no. 6:34-39 Je '58.

Thermodynamics of gases and differential equations. S. K. Godunov. Usp. mat. nauk 14 no. 5:97-116 S-O '59.

GASES—ADSORPTION see subdivision under United States

GASES—ANALYSIS

(see also subdivision under Leningrad)

Apparatus for gas analysis by Haldane's method functioning without mercury. G. I. Kositskii. Lab. delo 6 no. 1:53-55 Ja-F '60.

Apparatus for the production of ethylene and the preparation of gas mixtures. B. V. Vladimirov, L. A. Galkin. Razved. i prom. geofiz. no. 33:67-69 '59.

Automatic determination of moisture in gas with Fischer's reagent. A. N. Korol', N. D. Znamenskaia, L. P. Losev. Zav. lab. no. 11:1305-1307 '59.

GASES—LIQUEFACTION

Seminar on the fundamentals of the thermodynamic processes of the liquefaction and separation of air. Kislorod 12 no. 6:65 '59.

GASES—SEPARATION

Centrifugal rectifier for air separation. A. M. Arkharov. Izv. vys. ucheb. zav.; mashinostr. no. 4:106-124 '59.

Experimental investigation of a centrifugal rectifier for air separation. S. IA. Gersh, A. M. Arkharov. Izv. vys. ucheb. zav.; mashinostr. no. 4:125-140 '59.

Permissible oil content of liquid oxygen in air-separation units. Kislorod 12 no. 6:67 '59.

Seminar on the fundamentals of the thermodynamic processes of the liquefaction and separation of air. Kislorod 12 no. 6:65 '59.

Standards for the premissible acetylene content of air-separation units. Kislorod 12 no. 6:54 '59.

Taking real gas parameters into account in calculating turboexpander nozzles. V. I. Epifanova. Kislorod 12 no. 6:23-29 '59.

Turboexpanders of air-separation units. R. R. Zaidel'. Kislorod 12 no. 6:29-37 '59.

GASES—SPECTRA

Effect of temperature on the intensities of vibration absorption bands for gases in connection with Fermi resonance. M. P. Lisitsa, V. L. Strizhevskii. Opt. i spektr. 7 no. 4:478-481 O '59.

GASES, INTERSTELLAR

Anisotropy of velocities of interstellar gas clouds [with summary in English]. S. B. Pikel'ner, L. P. Metik. Izv. Krym. astrofiz. obser. 18:198-201 '58.

Dispersion of velocities of bright stars and interstellar gas. V. Vanysek. Izv. Krym. astrofiz. obser. 16:180-191 '56.

GASES, RARE

Right term of the relationship $U_b = f(pd)$ for inert gases. P. N. Chistiakov. Zhur. tekh. fiz. 29 no. 10:1259-1262 O '59.

GASES IN METALS

Gas liberation during the solidification of 18-ton ingots. L. B. Kosterev, G. N. Oiks. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:61-72 S '59.

Hydrogen and nitrogen in titanium wire. N. A. Vatolin, V. P. Revebtsov. Trudy Inst. met. UFAN SSSR no. 3:103-110 '59.

Use of the FES-1 apparatus for the analysis of gases in metals. T. V. Kovalenko. Zav. lab. 25 no. 12:1519-1520 '59.

GASES IN SOILS

Determining the amount of gases in saturated sands by the method of freezing. IA. L. Kogan. Gidr. stroi. 28 no. 2:16-18 F '59.

GASOLINE

(see also subdivision under Tatar A.S.S.R., United States)

Calcium hypochlorite refining of sour gasoline. A. E. Lipkin. Neftianik 3 no. 9:14-15 S '58.

Catalytic aromatization of Georgian gasolines. Kh. I. Areshidze. Trudy Inst. khim. AN Azerb. SSR 17:195-204 '59.

DB-40 gasoline meter. Neftianik 4 no. 12:20 D '59.

Increasing the production of cracking gasoline in dual-furnace cracking units. A. F. Lipkin, L. A. Grigor'ian. Neftianik 3 no. 8:16-17 Ag '58.

Reply to Comrade Panshin. V. Tilkov. Neftianik 3 no. 10:30 O '58.

GASOLINE—TOXICOLOGY

Investigating the toxicity of light fractions of natural liquid gasoline (the Shchekino plant) used for the odorization of fuel gases. E. E. Grigor'ev, I. N. Babin, A. E. Drabkin. Trudy VNIIT no. 8:97-105 '59.

GASTRIC JUICE

Electrophoretic studies on proteins and digestive capacity of the gastric juice in patients with peptic ulcer and chronic gastritis [with summary in English]. TS. G. Masevich. Terap. arkh. 31 no. 12:10-16 D '59.

Nocturnal gastric secretion in patients with gastritis and peptic ulcer [with summary in English]. P. V. Postavskii. Terap. arkh. 31 no. 12:21-26 D '59

GASTRIC JUICE—PRESERVATION

Microbiological study of industrial gastric juices. M. Kheifets, V. Zakordonets. Mias. ind. SSSR 30 no. 6:59 '59

GASTROPODA, FOSSIL

(see also subdivision under Caucasus, Northern, Kazakhstan)

Microstructure of hyolithid shells and their systematic position. V. A. Sysoev. Dokl. AN SSSR 131 no. 5:1156-1158 Ap '60.

GATCHINA DISTRICT—ORIENTATION

Several doubtful signs for local orientation. N. M. Borozdinov. Geog. v shkole 22 no. 6:59-60 N-D '59.

GAYSIN—AMATEUR THEATRICALS

"Our friends are on the stage." Vasyl' Iukhymovych. Ukraina no. 24:10 D '59

GAZE, VERA FEDOROVNA, 1899-1954

Vera Fedorovna Gaze; obituary. G. Shain. Izv. Krym. astrofiz. obser. 13:3-7 '55.

GEARING

Basic trends in the improvement of the technology of manufacturing reducers for turbo-geared units. L. A. Arkhangel'skii. Energomashinostroenie 5 no. 11:31-33 N '59.

Contact of a toroidal-spherical transmission during the displacement of the center of the curvature of a roller. M. A. Gringauz. Sbor. nauch. trud. IGI no. 8:67-76 '60.

Effect of teeth on the rigidity of a gear-wheel rim. A. D. Korob. Izv. vys. ucheb. zav.; mashinostr. no. 5:100-109 '59.

Founding of laminated metal gear wheels with cast cogs. A. V. Kochetkov. Lit. proizv. no. 12:10-11 D '59.

Gear wheels with partly toothed rims. K. A. Azatrian. Vest. mash. 40 no. 1:15-19 Ja '60.

Power losses in key couplings of gear transmissions. A. I. Voronov. Izv. vys. ucheb. zav.; mashinostr. no. 5:109-123 '59.

Tolerances for toothed racks. E. L. Glozman, M. IA. Tal'lanker. Standartizatsiia 23 no. 11:28 N '59.

GEARING—TABLES, CALCULATIONS, ETC.

Sandakov, M. V. [Tables for selecting drive gears] Tablitsy dlia podbora shesteren. Izd. 4., dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 563 p.

GEARING, WORM

Making low-modulus worms by spinning. S. IA. Kriger. Kuz.-shtam. proizv. 1 no. 12:21-22 D '59.

Single-thread worm gear cutters for cutting multiple-thread worm gears [with summary in English]. M. I. Razuvaeva. Inzh.-fiz. zhur. no. 1:113-118 Ja '60.

GEESE

(see also subdivision under Lithuania)

Increasing the vitality of goose embryos through periodic heating and cooling of eggs. IU. N. Vladimirova. Trudy NIIP 25:209-221 '58.

GEIGER-MÜLLER COUNTERS

Trigger feed of a pair Geiger-Müller counters. L. Mitrani, B. Belov. Prib. i tekh. eksp. no. 6:64-66 N-D '59.

GELATIN

Electrophoresis of dyes in the gelatin layer of photographic films [with summary in English]. A. Sheludko, G. Konstantinov, K. TSvetanov. Koll. zhur. 21 no. 6:747-753 N-D '59.

GELLER, EVSEI MARKOVICH, 1910-1959
Evsei Markovich Geller; obituary. Geol. nefti i gaza 3 no.12 54 D '59.

GENERATIVE ORGANS
Defining more precisely the classification of topographic relations of sexual organs in hymenolepidids [with summary in English]. A. A. Spasskii. Zool. zhur 38 no 1:31-37 Ja '59.

GENERATORS, ELECTRIC see Electric generators

GENETICS
Darwinism and modern genetics. S. H. Waddington. Agrobiologiia no. 6:842-843 N-D '59.

GENITOURINARY ORGANS—SURGERY
Case of early formation of bone tissue in the postoperative scar. G. F. Gorburov. Nov khir zhur no 6:101-102 N-D '60

GENTIANS see subdivision under Leningrad

GEOCHEMICAL PROSPECTING see subdivision under Russia, Northern

GEODESY
(see also subdivision under Crimea)
Computing elevations and plumb line deflections from the data of trigonometrical leveling. I. M. Konopal'tsev. Trudy MIIGAIK no. 16:19-46 '59.
Developing Gauss's formulas for the computation of latitudinal, longitudinal, and azimuthal differences. G. V. Bagratuni. Trudy MIIGAIK no 22:27-32 '56.
A new method for solving geodetic problems. M. S. Molodenskii. Trudy TSNIIGAIK no. 103:3-21 '54.
Saparina, E. V. [Surveying from aktera] Nebesnyi zemlemer. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 190 p.
Successes and future problems of the Soviet geodetic science. A. S. Chebotarev. Trudy MIIGAIK no. 22:3-25 '56.
Using observations of the moon for geodetic purposes [with summary in English]. V. M. Amelin. Biul. Inst. teor. astron 7 no. 1:19-43 D '59.

GEODESY—STUDY AND TEACHING
Field work of correspondence students on fundamentals of geodesy. G. I. IAnin. Sred. spets. obr. 6 no 12:23-25 D '59
Textbook that is not up to its title ("Fundamentals of geodesy for construction workers" by M. P. Dement'ev, B. P. Ermolov. Reviewed by M. M. Livanov, M. P. Mikhailov, N. A. Patzonskii) Sred. spets. obr. 6 no. 11: 56-58 N '59.

GEOGRAPHERS
Baranskii, N. N., and others, eds. [Russian physical geographers and explorers] Otechestvennye fiziko-geografy i puteshestvenniki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 783 p.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHY
(see also subdivision under Amur Province; Kazakhstan, Soviet Central Asia)
Across the border. Geog. v shkole 22 no. 6:65-67 N-D '59.
Brief news of "Vokrug sveta." Vokrug sveta no 1 47, 53 Ja '60
Motion-picture films illustrating themes studied in the second half of the year. Geog. v shkole 22 no. 6:79 82 N-D '59.
The ninetieth anniversary of V. I. Lenin's birth. Izv AN SSSR. Ser geog no 2 3 1 Mr Ap '60
World of variety. Vokrug sveta no 1:42-43 Ja '60.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—PERIODICALS
Subject index of articles published in the journal "Geografiia v shkole" for 1959. Geog. v shkole 22 no. 6:93 N-D '59.

GEOGRAPHY—STUDY AND TEACHING
(see also subdivision under United States)
Discussion of new geography programs. F. P. Okhapkin and others. Geog. v shkole 22 no. 6:61-71 N-D '59.
Geography teachers and geographical science before the First All-Russian Teachers' Congress. Geog. v shkole 22 no. 6:3-13 N-D '59.
Problems of teaching geography in evening (night shift) secondary schools of general education. F. N. Shevlakov. Geog. v shkole 22 no. 6:47-51 N-D '59.
Section of geography teachers. Rad. shk. 38 no. 12:52-53 D '59.

OGRAPHY, ECONOMIC
ographical distribution of the productive forces of the .S.S.R. during the seven-year plan. N. Rabozin. shkole no. 6:47-57 N-D '59.

PHY, ECONOMIC—STUDY AND TEACHING
subdivision under Torzhok)
eography and fundamentals of industrial pro- P. N. Stepanov. Vest. Mosk. un. Ser. biol., col., geog. 14 no. 2:181-185 '59.

GEOGRAPHY, HISTORICAL—MAPS
Schools need new historical maps. I. Ozeraddt, V. Gus'kov. Nar. obr. no. 5:70 82 My '60

GEOGRAPHY, MEDIEVAL
Geographical work of the 10th century in the Persian language. A. T. Agaev. Izv [illegible] no 9:423-426 '59

GEOGRAPHY, PHYSICAL see Physical geography

GEOK-SYUR - CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Archaeological excavations of dwelling complexes at the Geok Syur aeneolithic settlement, based on materials of the Joint Southern Turkmenistan Archaeological Expedition in 1956. V. I. Sarianidi. [illegible] no. 10:50 55 '59.

GEOLOGICAL SURVEYS
(see also subdivision under Taklamakan Desert)
Small scale metallometric prospecting for complex [illegible] in dispersion halos and [illegible]. A. N. [illegible], [illegible] Sokhevanov. Razved. i okh. nedr [illegible] no. 10 [illegible]

GEOLOGICAL TIME
Age of certain Hercynian intrusive complexes in central Kazakhstan. G. N. Shcherba, A. L. [illegible]. Vest. AN Kazakh. SSR [illegible] no 12 [illegible]
Geological age of the Lovozero and other alkaline massifs of the Kola Peninsula. [illegible] Trudy KEGM no. 20:[illegible] '60
Isotopic composition of ore lead and age of minerals containing U, Th, and Pb according to the data of mass spectrometry and X-ray spectrum. K. I. [illegible] and others. Trudy KEGM no. [illegible] '60
On the reliability of defining the age of minerals by the [illegible] method. [illegible] Dokl. AN [illegible] no. 2:111-116 My '60.

GEOLOGY
(see also subdivision under Angren District, China, Czechoslovakia, Ili Valley, Kursk Magnetic Anomaly; Lena Valley, Mezen region; Ob' Valley, Sayan Mountains, Spain, Tajikistan, Ural Mountains, White Russia, Yenisey Valley, [illegible] region)
Current state of geological studies in connection with the seven year plan for the development of the Soviet national economy. P. IA. Antropov. Izv. vys. ucheb. zav.; geol. i razv. 3 no 8:1-10 Ag '60
Popov, V. I. [Geological formations are natural ... genetically associated rock [illegible]] [illegible] Samarkand, Izd-vo Uzbekskogo gos. un. Pt. 1. 1959. 140 p.
Resumption of the activity of the Soviet section of the INQUA. M. I. Neishtadt. Biul. Kom. chetv. per. [illegible] 112 '60
Review of the book "Geology of the U.S.S.R." [illegible] part 1. [illegible] geol. 3 no 10:110 [illegible] '60.
Sergei Aleksandrovich IAkovlev, obituary. [illegible] and others. Biul. Kom. chetv. per. no. 24 [illegible]
Sergei Gennadievich Bosh; outline of his life and work. I. I. Krasnov. Biul. Kom. chetv. per. no 24 [illegible]

GEOLOGY—ABSTRACTS
[Geology; abstracts nos. 5617-7655.] Referativnyi zhurnal: Geologiia no. 4 Ap '60
[Geology; abstracts nos. 7656-9809.] Referativnyi zhurnal: Geologiia no. 5 My '60

GEOLOGY—CONGRESSES
Geological Congress in Madrid. V. [illegible]. Nauka i zhyttia 9 no 5:50-51 My '59
Problems relative to Quaternary geology at the 20th session of the International Geological Congress in Mexico, September 3-11, 1956. S. V. IAkovleva. Biul. Kom. chetv. per. no 23:110 [illegible] '59

GEOLOGY—DICTIONARIES
Akademiia nauk Kazakhskoi SSR, Alma Ata. Institut iazyka i literatury. [Russian Kazakh terminological dictionary] Russko-Kazakhskii terminologicheskii slovar'. Alma-Ata.
Vol. 3. [Terminology in geology] Terminy po geologii. 1960. 200 p.

GEOLOGY—MAPS
History of geological survey maps in [illegible]. Sbor. nauch. rab. stud. [illegible] '59.

GEOLOGY—STUDY AND TEACHING
Training geology majors. L. A. [illegible]. Izv. vys. ucheb. zav.; geol. i razv. 2 no. [illegible] '59.

GEOLOGY—TERMINOLOGY
Problems relative to translating German geological terminology into the Russian language. F. I. Kraus. Nauk. zap. Kyiv. un. 16 no 14:11-16 '57.
Regarding the geological terms "Anticlinorium" and "syncline." V. M. Reiman. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:53-58 '58.

GEOLOGY, STRATIGRAPHIC
[illegible]

GEOLOGY, STRATIGRAPHIC—MAPS
[illegible]

GEOLOGY, STRATIGRAPHIC—[illegible]
[illegible]

GEOLOGY, STRUCTURAL
[illegible]

GEOLOGY, STRUCTURAL—[illegible]
[illegible]

GEOLOGY, STRUCTURAL—MAPS
[illegible]

GEOMETRICAL DRAWING
[illegible]

GEOMETRY
[illegible]

GEOMETRY, [illegible]
[illegible]

GEOMETRY, DIFFERENTIAL
[illegible]

GEOPHYSICS—ABSTRACTS
[illegible]

GEORGE V COAST—PALYNOLOGY

Results of a palynological analysis of samples from deposits of the Beacon sedimentary-volcanic series (Antarctica, King George V Land, Cape Bluff). V. V. Pavlov. Sbor. st. po paleont. i biostrat. no. 12:77-79 '59.

GEORGIA—BOTANY, MEDICAL

Introduction of tropical medicinal plants in the humid subtropics of the Georgian S.S.R. M. M. Molodozhnikov. Trudy Bot. inst. Ser. 6 no. 7:285-287 '59.

GEORGIA—CHASTE TREE

Chaste tree. G. V. Kandelaki. Trudy Bot. inst. Ser. 6 no. 7:160-162 '59.

GEORGIA—DIALECTICAL MATERIALISM

History of the struggle for the philosophical ideas of Lenin in Georgia. M. N. [illegible]. Vop. filos. 14 no. 1:149-154 '60.

GEORGIA—ECONOMIC CONDITIONS

Kommunisticheskaia partiia Gruzii. TSentral'nyi komitet. [Report of the Central Committee of the Communist Party of Georgia at the 18th Congress, V. P. Mzhavanadze's report. Resolution of the 18th Congress of the Communist Party of Georgia on the report of the Central Committee] Otchet TSentral'nogo Komiteta KP Gruzii XVIII s"ezdu, doklad V. P. Mzhavanadze. Rezoliutsiia XVIII s"ezda KP Gruzii po otchetnomu dokladu TSentral'nogo Komiteta. Tbilisi, Izd-vo TsK KP Gruzii, 1959. 70 p. (NNC)

GEORGIA—ELECTRIC MACHINERY INDUSTRY

Gogoshidze, G. A. [Specialization and cooperation in the electrical equipment industry of Georgian S.S.R.] Spetsializatsiia i kooperirovanie v elektrotekhnicheskoi promyshlennosti Gruzinskoi SSR. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1959. 117 p.

GEORGIA—FLUORINE

Fluorine content of food products and drinking water in the Georgian S.S.R. A. S. Abuladze and others. Gig. i san. 24 no. 11:71 N '59.

GEORGIA—GAS, NATURAL—GEOLOGY

Oil and gas prospecting in Georgia. G. A. Akhmedov, I. M. Aliev. Azerb. neft. khoz. 37 no. 6:1-4 Je '58.

GEORGIA—HISTORY

"Western Georgia during the first half of the 19th century; her unification with Russia and social economic development" by M. K. Dumbadze. Reviewed by I. G. Antelava, Sh. P. Kalandadze, Sh. A. Khantadze. Ist. SSSR 4 no. 6:166-169 N-D '60.

GEORGIA—HOOKWORM DISEASE

Study of ancylostomiasis in Georgia [with summary in English]. N. G. [illegible]. Med. paraz. i paraz. bol. 26 no. 6:691-696 N-D '57.

GEORGIA—HYDROELECTRIC POWER STATIONS

Designing and operating diversion structures of canal-type hydroelectric power stations in Georgian mountains. S. G. Melik-Nubarov. [Nauch. trudy] VNIIGiM 7:117-138 '59.

GEORGIA—HYDROMETEOROLOGY

Method of forecasting spring high water in rivers of Georgia on the basis of previous hydrometeorological factors. V. Sh. Tsomaia. Trudy ZakNIGMI no. 4:160-171 '59.

GEORGIA—JOURNALISM

Creative ties should be tighter. I. Chkhikvishvili. Sov. pech. no. 12:55-57 D '59.

GEORGIA—MAGNETISM, TERRESTRIAL

Some results of investigating interterritorial and intertemporal secular variations of the earth's magnetic field in eastern Georgia. M. Z. Nodia, G. P. Gerashvili, V. S. Matsaberidze. Trudy Inst. geofiz. AN Gruz. SSR 17:73-79 '58.

GEORGIA—MAGNETISM, TERRESTRIAL—OBSERVATORIES

The Tiflis-Karsani-Dusheti Magnetic Observatory. M. Z. Nodia. Trudy Inst. geofiz. AN Gruz. SSR 17:17-71 '58.

GEORGIA—MINING RESEARCH

Achievements of Georgian miners. G. Bagdasarov. NTO no. 11:35 N '59.

GEORGIA—MOTION-PICTURE PLAYS

Historical calendar of the Soviet cinema. Boris Chernyi. Isk. kino no. 11:165 N '59.

GEORGIA—NATIONALITIES

Merkviladze, V. N. [V. I. Lenin and the laying of the foundations of the Soviet national government] V. I. Lenin in stroitel'stvo osnov sovetskoi natsional'noi gosudarstvennosti. Tbilisi, Izd-vo TsK KP Gruzii, 1959. 158 p.

GEORGIA—OPERA

The revival of "Sly Daredzhan." G. Toradze. Sov. muz. 24 no. 1:101-104 Ja '60.

GEORGIA—PETROLEUM GEOLOGY

Oil and gas prospecting in Georgia. G. A. Akhmedov. I. M. Aliev. Azerb. neft. khoz. 37 no. 6:1-4 Je '58.

GEORGIA—PLANT INTRODUCTION

Introduction of herbaceous ornamental plants from the wild flora of Georgia. B. V. Serdiukov. Trudy Bot. inst. Ser. 6 no. 7:150-161 '59.

GEORGIA—POLITICS AND GOVERNMENT

Merkviladze, V. N. [V. I. Lenin and the laying of the foundations of the Soviet national government] V. I. Lenin in stroitel'stvo osnov sovetskoi natsional'noi gosudarstvennosti. Tbilisi, Izd-vo TsK KP Gruzii, 1959. 158 p.

GEORGIA—PUBLIC HEALTH

Republic conference of leading workers in the Georgian public health service. G. Z. Pitskhelauri. Sov. zdrav. 18 no. 12:50-52 '59.

GEORGIA—REFORESTATION

Natural regeneration of pine forests of Georgian mountains in connection with forest types. V. F. [illegible]. Izv. vys. ucheb. zav.; les. zhur. 2 no. 6:3-12 '59.

GEORGIA—RELIGION, PRIMITIVE

"The most ancient religious beliefs and ritual graphic art of the Georgian tribes" by V. V. Bardavelidze. Reviewed by M. K. Gegechkori. Sov. etn. no. 6:201-203 N-D '59.

GEORGIA—ROAD CONSTRUCTION

According to the seven-year plan. Sh. A. [illegible]. Avt. dor. 22 no. 12:8 D '59.

GEORGIA—SEISMOLOGY—OBSERVATIONS

Study of the structure and elastic properties of the earth's crust in Georgia [with summaries in English]. G. K. Tvaltvadze. Trudy Inst. geofiz. AN Gruz. SSR 17:205-215 '58.

GEORGIA—STREAM MEASUREMENTS

Method of measuring and calculating the discharge of mountain rivers. G. N. Khmaladze. Trudy ZakNIGMI no. 4:151-161 '59.

GEORGIA—TEA

Land of "the green fleece." M. [illegible]. [illegible] no. 11:13 D '59.

GEORGIA—TELECOMMUNICATION

Communications in Georgia in the seven-year plan. G. A. [illegible]. Vest. sviazi 19 no. 12:28-29 D '59.

GEORGIA—TURKISH LANGUAGE—DIALECTS

Concerning dialectological studies of the Turkish languages in the Georgian S.S.R. S. S. Dzhikiia. Trudy Inst. ist. i lit. AN Azerb. SSR 13:107-110 '58.

GEORGII, ABBOT, 1890-1959

In memory of the deceased. Vest. Inst. po [illegible] no. 1:105-111 '59.

GEORGIAN LITERATURE—TRANSLATIONS INTO ENGLISH

"Amiran-Darejaniani, a Georgian romance and its English rendering" by D. M. Lang, G. M. Meredith-Owens [in English]. Reviewed by S. D. Serebriakov [with summary in English]. Probl. vostokoved. no. 2:203-208 '60.

GEORGIYEVSK—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Miscella preconcentrator at the Georgiyevsk Oil Extraction Plant. V. M. [illegible], I. D. [illegible], G. M. Kozlov. Masl.-zhir. prom. 25 no. 12:38-39 '59.

GERANIOL

Synthesis of analogs of geraniol, farnesol, geranylgeraniol, isophytol and phytol. I. N. Nazarov and others. Zhur. ob. khim. 30 no. 4:1160-1170 Ap '60.

GERBILS—PARASITES see Parasites—Gerbils

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—ADJECTIVES

Characteristics of the first component of "intensifying" compound adjectives in the contemporary German language. I. D. Molchanova. Uch. zap. MGPIIA 19:209-218 '59.

GERMAN LANGUAGE—CASE

The absolute accusative and its grammatical synonyms in the German language. S. I. Rakitina. Uch. zap. Ped. inst. Gerts. 189 no. 2:137-153 '59.

GERMAN LANGUAGE—CONVERSATION AND PHRASE BOOKS

"German-Russian phrase book" by A. A. Gerdt. Reviewed by Herbert Multah. Inostr. iaz. v shkole no. 6:91-93 N-D '59.

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Artemov, A. P., and V. E. IA. Avdel, and L. G. Rokhchina, comps. [German-Russian artillery dictionary] Nemetsko-russkii artilleriiskii slovar'. Pod red. M. I. Dubnera i V. L. Medera. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 436 p.

GERMAN LANGUAGE—FOREIGN WORDS AND PHRASES

Assimilation of the word "Sputnik" into the German language. P. Kvasov. Inostr. iaz. v shkole no. 6:90 N-D '59.

GERMAN LANGUAGE—GRAMMAR

A study of the transition of proper nouns to common nouns. A. M. Koshik. Uch. zap. Ped. inst. Gerts. 189 no. 2:155-177 '59.

GERMAN LANGUAGE—NEGATIVES

Negation as a linguistic concept; based on German language material. E. I. Shendel's. Uch. zap. MGPIIA 19:125-142 '59.

GERMAN LANGUAGE—PERIODICALS

Review of the periodical "Sprachpflege" (Democratic Republic of Germany) for 1956-1958. T. Auerbach. Inostr. iaz. v shkole no. 6:100-104 N-D '59.

GERMAN LANGUAGE—STUDY AND TEACHING

Let's improve the study of foreign languages in evening (staggered) schools. Inostr. iaz. v shkole no. 6:10-24 N-D '59.

Two years' work of a German club. E. Deregovskaia. Inostr. iaz. v shkole no. 6:123-124 N-D '59.

Use of filmstrips and motion pictures in teaching foreign languages. T. G. Kurtts. Inostr. iaz. v shkole no. 6:61-70 N-D '59.

GERMAN LANGUAGE—STYLE

Language as a means for the creation of the speech characteristics of a character, based on modern realistic literature. I. V. Rozen. Uch. zap. MGPIIA 19:245-263 '59.

GERMAN LANGUAGE—SYNTAX

A study of the research methods employed in the field of the historical syntax of the German language. V. A. Sitrov. Uch. zap. MGPIIA 19:99-124 '59.

GERMAN LANGUAGE—TENSE

The development of the perfect tense construction in the Old German language. L. A. Lodze. Uch. zap. Ped. inst. Gerts. 189 no. 2:103-136 '59.

GERMAN LANGUAGE—TRANSLATING

Problems relative to translating German geological terminology into the Russian language. P. I. Kenin. Nauk. zap. Kyiv. un. 16 no. 14:11-18 '57.

GERMAN LANGUAGE—WORD FORMATION

Basic elements of formation in the German language according to old written materials. V. P. Pogorel'skaia. Uch. zap. Ped. inst. Gerts. 189 no. 2:179-202 '59.

Structure and semantics of fusions in the German language. V. Alba. Uch. zap. Ped. inst. Gerts. 189 no. 2:203-233 '59.

A study of the syntactical nature of word formation; based on the modern German language. M. D. Stepanova. Uch. zap. MGPIIA 19:403-424 '59.

GERMAN LITERATURE—STUDY AND TEACHING

Work on extracurricular reading in the schools of the German Democratic Republic. A. N. Markova, T. A. [illegible]. Lit. v shkole 20 no. 6:88-90 N-D '59.

GERMAN REUNIFICATION QUESTION (1949-)

For the speedy conclusion of a peace treaty with Germany. Herbert Warnke. Vsem. prof. dvizh. no. 6:1-4 Je '59.

German revanchism and peace in Europe. I. Ermashev. Nov. vrem. 18 no. 19:11-14 My '60.

Our position. Johannes Dieckmann. Nov. vrem. 18 no. 18:6-7 My '60.

Prevent the danger of war. Louis Saillant. Vsem. prof. dvizh. no. 6:10-11 Je '59.

Resolutions adopted by the European Trade Union and Workers' Conference for a Peace Treaty with Germany, and a Ban on Atomic Weapons (Gorlitz, Zgorzelec, May 8-10, 1959). Vsem. prof. dvizh. no. 6 supplement:8 Je '59.

GERMAN SATIRE see Satire, German

GERMANIUM

Current-voltage characteristics of the photoelectron emission of germanium. P. H. Borziak, P. M. Marchuk, O. H. Sarbei. Ukr. fiz. zhur. 4 no. 4:525-528 Jl-Ag '59.

Determining electron and hole capture cross section relations in atoms of copper and germanium. K. Konstantinescu. Fiz. tver. tela 1 no. 11:1760-1768 N '59.

Effect of deformation on the energy spectrum of holes in germanium and silicon. G. E. Pikus, G. L. Bir. Fiz. tver. tela 1 no. 11:1642-1650 N '59.

Emission properties of germanium treated in cesium vapor. V. G. Bol'shov and others. Fiz. tver. tela 1 no. 11:1760-1770 N '59.

Energy barrier between slow surface traps and the body of the material in germanium and silicon. I. I. Abkevich. Fiz. tver. tela 1 no. 11:1676-1678 N '59.

Germanium behavior in the process of coal chlorination. N. G. Vorob'eva, E. A. Zimakova, N. I. Losev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:144-145 Mr-Ap '59.

On the melting of Ge and Si. T. A. Kontorova. Fiz. tver. tela 1 no. 11:1761-1763 N '59.

GERMANIUM (Continued)

Photoelectron emission of germanium and silicon in the amorphous and crystalline states P H Borziak, L S Myroshnychenko, O. H Sarbei Ukr fiz zhur 4 no 4 [illegible] '59

Surface states of germanium [with summary in English] V I Liashenko, V H Lytovchenko, I H Sambur Ukr fiz zhur 4 no 4 465-471 Jl-Ag '59

GERMANIUM—ANALYSIS

On the presence of traces of germanium and other elements in crude oils from the Dnieper-Donets Lowland [with summary in English]. IE S. Burksei and others. Dop AN URSR no 11 1235-1237 '59

GERMANIUM DIODES

Features in the calculation of germanium detectors. O.S. Chentsova. Trudy MEI no. 31 134-147 '56.

Using alloyed indium-germanium diode as a temperature pickup R E Smolianskii Prib i tekh eksp no 6: 83-85 N-D '59

GERMANIUM SULFIDE

Reactions of formation of gallium and germanium sulfides. E. M. Nanobashvili, E G. Davitashvili, M. IA. Giorgobiani. Trudy Inst khim. AN Azerb SSR 17,38-45 '59.

GERMANY—FOREIGN RELATIONS—GREAT BRITAIN

Great Britain and Germany Konni Zilliacus Nov vrem 18 no 20 9-11 My '60

GERMANY—FOREIGN RELATIONS—RUSSIA

"Falsifiers, on the history of German-Soviet relations" [in German] by A Norden Reviewed by IU N Aleksandrov Ist SSSR 3 no 6 178-182 N-D '59.

Narochnitskaia, L L [Russia and the Prussian wars of 1860's for the unification of Germany "from above"] Rossiia i voiny Prussii v 60-kh godakh XIX v. za ob"edinenie Germanii "sverkhu " Moskva, Gos izd-vo polit. lit-ry, 1960 286 p

GERMANY—LABOR AND LABORING CLASSES

Buchwitz, Otto. [Fifty years in the German labor movement] 50 let funktsionerom germanskogo rabochego dvizheniia. Moskva, Gos. izd-vo polit. lit-ry, 1959. 141 p.

GERMANY—RELATIONS (GENERAL) WITH RUSSIA

Meeting with German scientists. Vest. AN SSSR 30 no. 4: 138-139 Ap '60.

GERMANY—SHIP PROPULSION

Diagram of power station regulation by controllable pitch propeller (from "Hansa" no. 16/17, 1959). Sudostroenie 25 no. 12 66 D '59.

GERMANY, EAST—AGRICULTURAL MACHINERY

In the field, in the garden, in the orchard. Max Kuehn Tekh mol 27 no 12 18-19 '59

— PERIODICALS

On guard. I. Lemberg. Iskusstvo 22 no. 7:77-79 '59.

Through the pages of the "Bildende Kunst," a German periodical, for 1957-1958. N. Kustovs'ka, Nar tvorch. ta etn. 3 no. 2.153-155 Ap-Je '59.

GERMANY, EAST—COMMUNISM

Eternal flame. Vladimir Kuznetsov. Nov. vrem. 18 no. 18:26-28 My '60.

GERMANY, EAST—CREATIVE ACTIVITIES AND SEAT WORK

Toys out of corn leaves. V. Shimek Doshk vosp 33 no 1 89-92 Ja '60.

GERMANY, EAST—ECONOMIC CONDITIONS

Akademiia nauk SSSR. Institut nauchnoi informatsii. [Development of the national economy of the German Democratic Republic] Razvitie narodnogo khoziaistva Germanskoi Demokraticheskoi Respubliki. Moskva, Proizvodstvenno-izdatel'skii kombinat VINITI, 1959. 906 p.

[A socialist bridgehead in the west] Forpost sotsializma na Zapade. Moskva, Gos. izd-vo polit. lit-ry, 1959. 334 p.

GERMANY, EAST—ECONOMIC ZONING

Economic regionalization in the German Democratic Republic at various stages E B Alaev Izv AN SSSR Ser geog no 2 55-61 Mr-Ap '60.

GERMANY, EAST—EXHIBITIONS

Exhibitions honoring the "Tenth anniversary of the German Democratic Republic " Kryl. rod. 10 no. 12 23 D '59.

GERMANY, EAST—FARM BUILDINGS

Socialist villages in the German Democratic Republic. Sil'. bud. 9 no. 11 23-24 N '59

GERMANY, EAST—FOLK ART

Through the pages of the "Bildende Kunst," a German periodical, for 1957-1958. N. Kustovs'ka. Nar. tvorch. ta etn. 3 no. 2:153-155 Ap-Je '59.

GERMANY, EAST—KINDERGARTEN

Development of love of work E. Laffin. Doshk. vosp. 33 no. 1 86-88 Ja '60.

GERMANY, EAST—LIGNITE

Production and consumption of lignite coke in the German Democratic Republic Nar. khoz. Kazakh. no. 12 83-85 D '59.

GERMANY, EAST—MALARIA

Malaria in the German Democratic Republic after 1945. F Oberdorster Med paraz i paraz bol 28 no 5,553-554 S-O '59

GERMANY, EAST—METALLURGICAL PLANTS

How the trade unions implement workers' rights in socialist enterprises Reinhard Sommer. Vsem. prof. dvizh. no. 6,34-36 Je '59

GERMANY, EAST—NOTARIES

Basic features of notarial agencies in the German Democratic Republic I B Morein Izv vys ucheb. zav , prav. 3 no. 4:140-144 '59

GERMANY, EAST—POLITICS AND GOVERNMENT

The tenth anniversary of the workers' and peasants' government in the German Democratic Republic H. Kroeger Izv vys. ucheb zav., prav. 3 no 4:27-30 '59

GERMANY, EAST—POPULATION

Some statistics on childhood in the German Democratic Republic. A. IA. Gutkin. Gig i san. 24 no 12 75-76 D '59

GERMANY, EAST—RAILROAD RESEARCH

Research work on the railroads of the German Democratic Republic Vest TSNII MPS 19 no 1 61 '60

GERMANY, EAST—RED CROSS

Red Cross of the German Democratic Republic W Ludwig Sov kras. krest 9 no 6 25-27 N-D '59

GERMANY, EAST—STOVES, EARTHENWARE

Tile stoves with air-heating systems in the German Democratic Republic IU. Tabolin Zhil.-kom. khoz. 9 no. 12,30 '59.

GERMANY, EAST—TECHNOLOGY

Exhibition on the tenth anniversary of the German Democratic Republic I. Borisova Radio no. 12 17 D '59.

GERMANY, EAST—TRADE UNIONS

How the trade unions implement workers' rights in socialist enterprises. Reinhard Sommer. Vsem prof. dvizh no. 6 34-36 Je '59.

GERMANY, EAST—WATER RESOURCES DEVELOPMENT

Water economy of the German Democratic Republic during the past 10 years and principal problems of its development in the seven-year plan of 1959-1965 (from "Wasserwirtschaft-Wassertechnik," no. 9, 1959). V N. Gorinskii. Gidr. i mel. 11 no. 12,53-54 D '59.

GERMANY, WEST—COLD STORAGE WAREHOUSES

New one-story cold storage warehouse. V Shavra. Khol. tekh 36 no. 6.70-71 N-D '59

GERMANY, WEST—DEFENSES

Behind the Bonn-Madrid talks. E. Staroselt'sev. Mir. ekon i mezhdunar. otn no 5:108-111 My '60

The eleventh commandment. Nov. vrem. 18 no. 19:26 My '60

Facts. Mezhdunar. zhizn' 7 no. 5:152-157 My '60.

German revanchism and peace in Europe. I. Ermashev. Nov vrem 18 no 19 11-14 My '60.

A policy of rearmament and revenge. Siegbert Kahn. Mezhdunar. zhizn' 7 no. 5:68-74 My '60.

Provocative activity of the North Atlantic Treaty Organization. A. Bel'skaia. Mezhdunar. zhizn' 7 no. 5:119-121 My '60.

GERMANY, WEST—DISARMAMENT

If disarmament were to be realized, Willy Perk. Vsem. prof. dvizh. no. 4 12-16 Ap '60.

Statement by the World Federation of Trade Unions on the growing remilitarization of the German Federal Republic. Vsem. prof. dvizh. no. 4,15 Ap '60.

GERMANY, WEST—ECONOMIC CONDITIONS

Bezymenskii, L. A. [West of the Elbe; sketches on West Germany] K zapadu ot El'by; ocherki o Zapadnoi Germanii. Moskva, Gos. izd-vo polit. lit-ry, 1958. 102 p.

Khmel'nitskaia, E. L. [Monopolistic capitalism in West Germany] Monopolisticheskii kapitalizm Zapadnoi Germanii. Moskva, Izd.-vo IMO, 1959 363 p.

GERMANY, WEST—ECONOMIC POLICY

Capitulation to monopolistic capital. N. Oparin. Vop. ekon. no. 5:84-92 My '60.

GERMANY, WEST—ELECTRIC LIGHTING

Through the pages of foreign magazines. Svetotekhnika 5 no. 12:29 D '59.

GERMANY, WEST—ELECTRIC LOCOMOTIVES

Electric locomotive series V 100. Elek. i topl. tiaga 4 no. 1:47 Ja '60.

GERMANY, WEST—ESPIONAGE

[Inhumanity as a system. Translated from the German. Preface by V. Taurov and V. Chernov] Beschelovechnost' kak sistema. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 239 p.

GERMANY, WEST—FASCISM

The Bonn government and neo-Nazism. IU. Ur'ias. Mir. ekon. i mezhdunar. otn no 5:77-91 My '60.

"Gretchen" bearing a swastika. Nov. vrem. 18 no 17: 27-28 Ap '60

Readers' letters from Rumania, Cuba, and the Crimea Nov vrem 18 no 20 31 My '60

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS

Some features of West German colonialism [with summary in English] S E. Fil'shtinskii Probl. vostokoved no 2 135-145 '60

GERMANY, WEST—FOREIGN RELATIONS

Quotations. Mezhdunar. zhizn' 7 no. 5:157-158 My '60.

GERMANY, WEST—FOREIGN RELATIONS—SPAIN

Behind the Bonn-Madrid talks E. Staroselt'sev. Mir. ekon i mezhdunar. otn no 5:108-111 My '60

GERMANY, WEST—HISTORY—STUDY AND TEACHING

Antihistorical and revanche tendencies in textbooks of the German Federal Republic. A IA. Shevelenko. Prep. ist. v shkole 14 no. 6:109-113 N-D '59.

GERMANY, WEST—INSURANCE, SOCIAL

Trade unionist's notebook. Vsem. prof. dvizh. no. 4 47-49 Ap '60.

GERMANY, WEST—LABOR LAWS AND LEGISLATION

New forms of social demagogy in bourgeois labor law ("Textbook of labor law" [in German] by Hueck, Nipperdey. Reviewed by A. Zhdanov). Sots. trud no 12:150-154 D '59

GERMANY, WEST—PALEONTOLOGY

New data on Quaternary fauna in the western part of Germany and its comparison with fauna in Eastern Europe Vera Gromova Biul Kom chetv. per no 23:75-81 '59

GERMANY, WEST—POLITICS AND GOVERNMENT

Bezymenskii, L. A. [West of the Elbe; sketches on West Germany] K zapadu ot El'by; ocherki o Zapadnoi Germanii. Moskva, Gos. izd-vo polit. lit-ry, 1958. 102 p.

GERMANY, WEST—SOCIALIST PARTIES

Betrayal of the interests of workers. V Men'shikov, V. Shumskii Agitator no. 1:74-76 Ja '60

GERMANY, WEST—SOCIALIST PARTY

Capitulation to monopolistic capital. N. Oparin. Vop. ekon. no. 5:84-92 My '60.

GERMANY, WEST—TORPEDO BOATS

New torpedo boats for the Norwegian and West-German fleets (from "The Motor Ship," no. 468, 1959). Sudostroenie 25 no. 11:64-65 N '59.

GERMANY, WEST—TRADE UNIONS

If disarmament were to be realized. Willy Perk. Vsem. prof. dvizh. no 4 12-16 Ap '60.

Statement by the World Federation of Trade Unions on the growing remilitarization of the German Federal Republic. Vsem. prof. dvizh. no. 4,15 Ap '60.

GERMANY, WEST—TRIALS (POLITICAL CRIMES AND OFFENSES)

The shielding of murderers Nov. vrem 18 no 20 [illegible] My '60.

GERMINATION

Effect of various disinfectants on the force of germination and sprouting of Scotch pine seeds. A A. Prisiazhniuk Izv. vys ucheb. zav., les. zhur 2 no. 6 19-23 '59

Improve the methods of determining the germinability of seed corn. A. M. Riepin, F. H. Kriuchko. Kolh Ukr. 6 no. 12 23-24 D '59.

Relation between the depth of dormancy and the ripeness degree of seeds in some maple (Acer L.) species. V. G. IUdin. Bot. zhur. 44 no. 12:1748-1753 D '59.

Water regimen of a rice field during the period of seed germination [with summary in English]. E P. Aleshin Fiziol. rast. 6 no. 6:737-740 N-D '59.

GERONIMUS, IAKOV LAZAREVICH, 1898-

IA. L. Geronimus' works on the theory of machines and mechanisms. IU. V. Epshtein. Trudy Inst. mash. Sem. po teor. mash. 20 no. 77:27-38 '59.

GESTATION see Pregnancy

GHANA—POLITICS AND GOVERNMENT

Ghana becomes a republic. I. Semenov. Sovr. Vost. no 4 60 Ap '60.

GIBBERELLINS

Biological test for gibberellins [with summary in English] A. N Boiarkin, M. I. Dmitrieva. Fiziol. rast. 6 no. 6: 741-747 N-D '59.

GILYAK LANGUAGE—NUMERALS

A history of counting; Gilyak cardinal numbers. V. Z. Panfilov. Nauch. dokl. vys shkoly; filol. nauki no. 4:32-43 '59.

GINSENG
(see also subdivision under Far East, Suputinka Preserve, Teberda Preserve)

Experiments in greenhouse cultivation of ginseng. I.V. Grushvitskii Trudy Bot inst Ser. 6 no. 7 333-336 '59

Method for biological standardization of ginseng root preparations I.I. Brekhman, M.A. Grinevich. Apt. delo 8 no. 6,34-38 N-D '59.

Pharmacognostic study of the ginseng root Panax Schinseng Nees V. Es [with summary in English] N.I. Suprunov, Apt. delo 8 no. 6;30-34 N-D '59.

Preliminary chemical investigation of Aralia manchurica roots. N K. Kochetkov and others Izv. AN SSSR Otd. khim. nauk. no. 3 568-569 '60

GIRDERS

Calculations for uncut beams in the elastoplastic stage by the consecutive approximation method [with summary in English. A.IE. Stepanov, Dop. AN URSR no 10 1077-1082 '59.

Designing elastically supported girders for rigid stability by the method of focal coefficients. N. P. Abovskii, Izv. vys. ucheb. zav., stroi i arkhit. no. 7:13-24 '59.

Designing T-, I-, U-shaped eccentrically compressed reinforced concrete construction elements. I.A. Rokhlin, Nov v stroi. tekh. no. 13 56-62 '59.

Girders made of reinforced fly-ash concrete slabs. I. L. Zhodzishskii, A D Lizarev Trudy NIIZHB no 8·224-228 '59

Prestressed composite girder with a span of 30 m. A. Liberman, D Korshunov Stroi i arkhit. 7 no. 12· 15-16 D '59.

Strength of joints of trussed girders. I. A. Miziumskii. Prom. stroi. 37 no. 12 50-51 D '59.

GIRDERS—TESTING

Testing composite girders with spans of 24 m. M. Skibinskii. Stroi. i arkhit. 7 no 12·16-17 D '59

GIRLS—HEALTH AND HYGIENE

Hygiene for girls. S Astrinskii. Sem'ia i shkola 15 no 1 38-39 Ja '60

GISSAR—GLAZES

Works in Gissar in 1957. E.D. Saltovskaia. Trudy AN Tadzh. SSR 103;173-179 '59.

GISSAR DISTRICT—COLLECTIVE FARMS

Utilizing labor resources on cotton-growing collective farms of Gissar District. Z Nasreddinov Trudy AN Tadzh. SSR no. 92 17-20 '58.

GISSAR RANGE—BUTTERFLIES

Turkestan peacock butterfly Neoris stoliczkana schenki Stgr. in the Gissar Range. V. I. Degtiareva. Izv. Otd est. nauk AN Tadzh. SSR no. 3,59-65 '58.

GISSAR RANGE—DIORITES

Separation of the intrusive phase of granodiorites-diorites in the eastern part of the southern slope of the Gissar Range. A. Kh. Khasanov. Dokl. AN Tadzh. SSR 2 no. 1: 11-13 '59.

GISSAR RANGE—QUARTZ

Mineralogy and genesis of the quartz lode in the Kishlak Gazhni area of the Gissar Range. E. N. Erlikh. Sbor. nauch. rab. stud. LGI no. 2;21-33 '57.

GISSAR RANGE—RUSTS (FUNGI)

History of the rust fungi of the Gissar Range. IA. I. Korbonskaia. Dokl. AN Tadzh. SSR 2 no. 3;45-47 '59.

GISSAR VALLEY—COLLECTIVE FARMS

Development of the collective farm economy in the Gissar Valley. Kh. Akhtamov. Trudy AN Tadzh. SSR no. 92;3-15 '58.

GISSAR VALLEY—PLOWING

Methods for producing a thick homogeneous plowed layer on irrigated Sierozem Meadow soils in the Gissar Valley of Tajikistan. M. T. Asrorov. Izv. Otd. est. nauk AN Tadzh. SSR no. 2;79-100 '59.

GIZHDUVAN DISTRICT—COTTON GROWING

It isn't enough to command, one must show how to do the job. K. Mirzaev. Agitator no. 23;28-31 D '59.

GLACIAL EPOCH
(see also subdivision under Bayankol Valley; Caucasus; Ossetia)

Interstadial Moscow glaciation. S. M. Shik. Biul. Kom. chetv. per. no. 46-56 '59.

GLACIERS
(see also subdivision under Bol'shoy Baskan Valley; Chatkal Valley, Dzungarian Ala-Tau; Russia, Northern; Trans-Ili Ala-Tau)

Glaciers as transporters of boulders. B. S. Lunev. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 9·142-144 S '59.

Method of observing the hydrology of mountain glaciers. N. N. Pal'gov. Trudy Sekt. geog. AN Kazakh. SSR no. 5; 98-110 '59.

New work on problems in Quaternary glaciation. A. A. Nikonov. Izv. Kar. i Kol'. fil AN SSSR no. 3;154-155 '59.

GLACIOLOGICAL RESEARCH—CONGRESSES

Russia (1923- U.S.S.R.) Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo Geofizicheskogo Goda. [Collection of materials of the enlarged Conference of the Group of Workers in Glaciology at the Soviet Interdepartmental Committee for the International Geophysical Year, May 20-24, 1958, Moscow] Sbornik materialov rasshirennogo soveshchaniia rabochei gruppy po gliatsiologii Sovetskogo Mezhduvedomstvennogo komiteta Mezhdunarodnogo Geofizicheskogo Goda, 20-24 maia 1958 g. v Moskve. Moskva, 1959, 105 p.

GLADIOLUS

Gladiolus breeding. S. I. Lebedinskii. Trudy Bot. inst Ser. 6 no 7 442-444 '59.

GLANDS

Glands. G. Tangl. Nauka i zhizn' 26 no. 12;76-77 D '59.

GLANDS, DUCTLESS see Endocrine glands

GLANDULAR FEVER see Mononucleosis

GLASS
(see also subdivision under Czechoslovakia)

Controlling the softening temperature of glass by the method of drawing a horizontal filament. V. L. Indenbom, V. I. Sheltubskii. Zhur. prikl. khim. 31 no. 4·635-637 Ap '58.

Crystallization capacity of glasses of the K_2O - ZnO - P_2O_5 system. T. I. Veinberg. Zhur prikl. khim. 32 no. 8:1685-1689 Ag '59.

"Glass" by N. N. Kachalov. Reviewed by D Rozen. Zvezda no. 1·216-217 Ja '60

Homemade glass. Z. Bobyr'. IUn. tekh. 4 no. 12·70-71 D '59.

Lithium-lead-silicon glass. M A. Bezborodov, T. L. Rzhevskaia. Dokl. AN BSSR 3 no 12·188-191 D '59

Nature of the damping particles in fluoride and phosphate opal glasses. S. I. Sil'vestrovich, E. M. Rabinovich Zhur prikl. khim 32 no. 8·1690-1695 Ag '59.

Most important problems in the science of glass. M. A. Bezbarodau. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 4 22-23 '59.

Soviet decorative glass. N. V. Voronov. Vest. ist mir. kul't. no. 6;97-105 N-D '59.

Structure of sodium borosilicate glasses in connection with the phenomenon of opalescence. Report No. 5: Direct proof of the chemically heterogeneous structure of glasses. N. S. Andreev, E. A. Porai-Koshits, IU. G. Sokolov. Izv. AN SSSR Otd. khim. nauk no 4:640-641 Ap '60.

GLASS—ELECTRIC PROPERTIES

Preparation of semiconductor films in lead - bismuth glasses being treated in hydrogen. N. I. Anmich, L. A. Grechanik. Zhur. prikl. khim. 31 no. 4:566 571 Ap '58.

GLASS—WELDING

Electric welding of glass elements V A Chizhov Trudy MEI no 27 357-360 '59

GLASS, OPTICAL

Technological peculiarities of the production of fused bifocal spectacle lenses. I L. Brit'. Med prom. 13 no. 12·46-48 D '59.

GLASS FIBERS

Using fiber glass as filter cloths. I. V. Piskarev, B. S. L'vov. Neftianik 3 no. 9·24-25 S '58.

GLASS [illegible]
Mukh[illegible] stallization
and [illegible] stekol i
mot[illegible] .Evstrop'ova.
Moskva, Gos. izd-vo obor. promyshl., 1960, 125 p.

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS
(see also subdivision under Leningrad)

Another material of tomorrow. B. Rudoi. Znan. sila 34 no. 11·34 N '59.

GLASS RESEARCH

"Glass-porcelain." Nauka i zhizn' 26 no. 12;66 D '59.

GLASSWARE, CZECHOSLOVAKIAN—EXHIBITIONS see subdivision under Moscow

GLASSWORT

Anatomical structure of the "stem" of glasswort (Salicornia europaea L.) [with summary in English]. V. H. Nikolaievs'kyi. Ukr. bot. zhur. 16 no. 5;65-68 '59.

GLAUCOMA

Concerning so-called anterior hemorrhagic glaucoma [with summary in English]. Z. A. Pavlova-Kaminskaia, L. A. Katsnel'son. Oft. zhur. 14 no. 7,400-402 '59.

Importance of diamox and fonurit in preparation for antiglaucomatous surgery and in the postoperative period [with summary in English]. I. G. Ershkovich. Oft. zhur. 14 no. 7;403-408 '59.

Plethysmography and chronaximetry as indicators of central nervous function in glaucoma [with summary in English]. V. IA. Bakurskaia. Oft. zhur. 14 no. 7· 387-394 '59.

Resolutions adopted at the scientific session and republic conference. Oft. zhur. 14 no 7;444-447 '59.

Study of the effect of carbocholine and proserine in the clinical aspects of glaucoma [with summary in English]. A. E. Volokhitenko. Oft. zhur. 14 no. 7,408-411 '59

GLAZES see subdivision under Gissar

GLEBOV, IVAN TIMOFEEVICH, 1806-1884

I. T. Glebov, outstanding Russian physiologist; on the 75th anniversary of his death R IA Demianov, K. O Lysenko Fiziol. zhur [Ukr.] 5 no. 6·841-844 N D '59

GLEZOS, MANOLIS

Set Manolis Glezos free! Sov. pech. no. 12:60 D '59.

GLIADIN

Amino acid content of gliadin. E. I Medvedeva Izv vys. ucheb. zav., pishch. tekh. no 5·35-37 '59

GLIDING AND SOARING
(see also subdivision under Penza)

Adventures underneath the clouds Viktor Honcharenko Ukraina no 24 28-31 D '59

Sapozhnikov, E. V. [Acrobatic flights in a glider] Figurnye polety na planere. Moskva, Izd-vo DOSAAF, 1959. 61 p.

GLIERE, REINHOLD MORITSEVICH, 1876-1956

From recollections of R. M. Gliere. I. Belza. Sov. muz. 24 no. 1,56-59 Ja '60.

Posthumous work of a prominent master. S. Levit Sov. muz 24 no. 1 59-61 Ja '60.

GLOBES

First globe of the moon. Sov. Soiuz. no. 1·44-45 '60.

GLOVES

Method of stamping dielectric gloves. A N. Ryl'tsev. Prom energ. 15 no 1 62 Ja '60.

GLUBOKOYE, LAKE (MOSCOW PROVINCE)—TEMPERATURE

Some specific features of temperature conditions in small lakes I. L. Rossolimo Trudy Mosk tekh inst ryb prom. i khoz. no 10·3-20 '59.

GLUBOKOYE, LAKE (YAKUTIA)—TEMPERATURE

Temperature conditions of Lake Glubokoye and their effect on permanently frozen rocks. I. A. Vtiurin. Trudy Inst. merzl. AN SSSR 16 132-141 '60

GLUCOSE

Hydrogenation of glucose in the presence of a granulated skeletal nickel catalyst in a flow. E. M. Adaskin and others. Zhur. prikl. khim. 31 no. 4:595-601 Ap '58.

GLUE

Glue from cottonseed meal. A. I. Akhundzhanov. Masl.-zhir. prom. 26 no. 1:23 Ja '60.

Using synthetic glues in bookbinding. K P Zhurkov. Poligr. proizv no 12 16 D '59.

GLUING

Bordinskikh, I. P. [Gluing of wood] Skleivanie drevesiny. Kiev, Gos. izd-vo lit-ry po stroit., arkhit. USSR, 1959, 304 p

GLUSHCHENKO, NIKOLAI PETROVICH, 1901-

Two Ukrainian artists. I. Belogorlova. Iskusstvo 22 no. 12,27-31 '59.

GLUTAMIC ACID

Glutamic acid, its properties and use. I. P. Konikov, A. V. Divinskii. Izv. vys. ucheb zav.; pishch tekh. no. 5; 20-28 '59

GLUTARIC ACID

Complex compounds of trihydroxyglutaric acid with cerium, neodymium, and samarium. N. K. Davidenko. Zhur. neorg. khim. 4 no. 11:2469-2475 N '59.

GLUTATHIONE

Changes in the glutathione and ascorbic acid content of the blood and organs of guinea pigs and rabbits under the influence of streptomycin and paraaminosalicylic acid. V. P. Marin. Zdravookhranenie 2 no. 5:57-61 S-O '59.

Effect of manganese on the glutathione content and dynamics of hops [with summary in English]. IU. V. Karabanov. Dop. AN URSR no. 10:1162-1165 '59.

GLUTEN

Changes of gluten proteins in the process of wheat bread baking. K. N. Chizhova. Khleb. i kond. prom. 2 no. 5: 16-17 My '59.

Effect of shield bug damage to grain on the gluten quality of different wheat varieties. M. N. Babaian. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:49-57 '59.

GLYCERIDES

Investigating the kinetics of the crystallization of butterfat triglycerides in cream. A. D. Grishchenko. Izv. vys ucheb. zav.; pishch. tekh no. 5:66-73 '59.

Lipids. Part 5: Synthesis of vegetable oil triglycerides. G. A. Vorob'eva, I. K. Sarycheva, N. A. Preobrazhenskii. Zhur. ob. khim. 30 no. 4:1117-1119 Ap '60.

GLYCEROL

Effect of glycerol and α-glycerophosphate on ketogenesis and oxygen consumption in the rabbit liver [with summary in English] M D Kurs'kyi. Ukr biokhim zhur 31 no 5 725-734 '59

Experimental data on the operations of a reagent-free fat splitting unit. E. V. Danilina, K. I. Minaeva. Masl.-zhir. prom. 26 no. 1:27-28 Ja '60.

Reaction of N-(carboxyphenyl) amides of succinic acid with ethylene glycol and glycerol. M. S. Dudkin. Zhur. prikl. khim. 32 no. 8:1883-1885 Ag '59.

GLYCEROPHOSPHATE

Effect of glycerol and α-glycerophosphate on ketogenesis and oxygen consumption in the rabbit liver [with summary in English] M D Kurs'kyi Ukr biokhim zhur 31 no 5 725-734 '59

GLYCINE

Dynamics of the incorporation of acetate and glycine into the molecule of vitamin B_{12} during its biosynthesis G. V Proniakova. Dokl. AN SSSR 131 no. 5:1181-1183 Ap '60.

GLYCOLS

Alkylation of benzene by acetates of γ-acetylenic glycols in the presence of anhydrous aluminum chloride. R. M. Lagidze. Trudy Inst. khim. AN Azerb. SSR 17:180-181 '59.

Effectiveness of contraceptives on a polyethylene oxide base. M. I. Grebeniuk. Akush. i gin. 35 no. 6:22-23 N-D '59.

Electric conductivity of solutions of electrolytes in $CH_2OH - CH_2OH$ V. K. Semenchenko, B. Shakhparonov. Uzb khim zhur no. 6 40-46 '59.

Polyethylene oxide as a base for contraceptives. M. Kh. Gluzman, R. I. Dashevskaia, V. M. Bodnia Akush. i gin. 35 no. 6:21 N-D '59.

GLYOXYLIC ACID

Kinetics and mechanism of reactions in concentrated strong acid media Part 2 [with summary in English] M I Vinnik, R S. Riabova, N M Chirkov Zhur. fiz khim 33 no. 12:2677-2686 D '59

GOATS

Dates and methods of shearing goats. S. S. Misharev. Sel'-khoz. Povol. 5 no. 11 79-81 N '59.

GOETEBORG, SWEDEN—SHIPBUILDING

New shipyard called Goetawerken (from "Syren and Shipping" no. 3274, 1959). Sudostroenie 25 no. 11:67 N '59.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

N. V. Gogol' and the fine arts. N Mashkovtsev. Iskusstvo 22 no 12:46-51 '59

Ukrainian folk songs and the art of kobza players in N. V. Gogol's works. M. P. Polotai Nar. tvorch. ta etn. 1 no. 2:91-102 Ap-Je '59.

GOITER

(see also subdivision under Maritime Territory)

Interrelation between basal metabolism and vitamin C content in blood plasma in patients with endemic goiter A. P Paradchak Vrach delo no 11 1207-1209 N '59

Interrelation between central nervous system function and adrenal cortex in patients with the hyperthyroid form of goiter M P Cheren'ko, A N Lobko Vrach delo no 11:1169-1172 N '59.

Postthyrotoxic hypertension, preliminary report [with summary in English] A K Gorbakov, A P. Stepanenko N. V Romashkov Vrach delo no 11 1159-1163 N '59

GOLD—ANALYSIS

Polarographic determination of gold on a rotating micro disk platinum electrode [with summary in English]. M. B. Bardin, V. S. Temianko. Zhur. anal. khim. 14 no. 6:677-681 N-D '59.

GOLD—ASSAYING

How gold is assayed. K. Kostin. Moskva 3 no. 11:220 '59

GOLD—ISOTOPES

Apparatus for interstitial and intracavity injection of colloidal radiogold. A. IA. Gol'dman, V. G. Glushchenko. Vest. rent. i rad. 34 no. 2:75-76 Mr-Ap '59.

GOLD-NICKEL ALLOYS see Nickel-gold alloys

GOLD-RHODIUM ALLOYS

The system gold-rhodium. A. A. Rudnitskii, A. N. Khotinskaia. Zhur. neorg. khim. 4 no. 11:2518-2524 N '59.

OLDEN HORDE

oblems in the archaeological study of the Golden Horde. P Smirnov, G A Fedorov-Davydov Sov arkheol 4 128-134 '59

TEIN, DMITRII EFIMOVICH, 1899-

irthday of Professor Dmitrii Efimovich Gol'd- honored scientist of the Tatar A. S. S. R. R. Z cov, A. F. Adrianovskii. Vest. rent. i rad. 34 Mr-Ap '59.

GOLODNAYA STEPPE—COTTON—WATER REQUIREMENTS

The sucking power of leaves as a factor serving to indicate soil moisture conditions and the irrigation regimen of cotton on saline soils. Kh I. Gumarova. Uzb biol. zhur. no. 5:41-49 '59.

GOLODNAYA STEPPE—RICE

Problems of rice growing in the Golodnaya Steppe. V. Lepontaev. Khlopkovodstvo 9 no 1[illegible]

GOLOVESNYA VALLEY—RUNOFF

Computing hydrographs of runoff resulting from melting snow and their individual components [illegible] Trudy Ukr NIGMI no 16:3-38 '59

Some data on the detention of surface water in drainage basins of the Desna Runoff Station [illegible] Trudy Ukr NIGMI no 19 [illegible]

GOLOVESNYA VALLEY—SNOW

Intensity of snow melting and loss of water from the snow [illegible] L. G. Onufrienko Trudy Ukr NIGMI no 19 [illegible]

GOLYAMO KAMENYANE REGION, BULGARIA—SPINEL GROUP

Minerals of the chrome spinellide group and their relation with certain types of ultrabasic rocks in the Golyamo Kamenyane ore deposit (Rhodope Mountains Bulgaria). M. D. Panaiotova. Vest. Mosk. un. Ser. biol. pochv., geol., geog. 14 no. 2 141-148 '59.

GOMEL'—AGRICULTURAL MACHINERY INDUSTRY

New machines of the Gomel' Agricultural Machinery [illegible] I. N. Denisov, K. P. Klement'ev [illegible] 17 no. 6:39-40 '59.

GOMEL'—NEWSPAPER AND PERIODICAL CIRCULATION

Honored commerce [illegible] Markov [illegible] 20-21 Ap '60

GOMEL'—RAILROADS—CARS

Skilled worker. B. Ilinin [illegible]

GOMEL'—SERVICE INDUSTRIES

Let's show concern for the everyday needs of [illegible]. M. Klimenko. Komm. Bel. [illegible]

GOMEL' DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Zubarev, IA. I. [How we carry out our rights [illegible] the work of collective farm management] IAk my azhytstsiaŭliaem prava kantroliu dzeinastsi [illegible] Minsk, Dziarzh. vyd-va [illegible] palitychnai literatury, 1959 [illegible]

GONIOMETRY

Use of nomograms in determining [illegible] angles by their projections. [illegible] MIIGAiK no. 36 91-100 '59.

GONIOSCOPY

Device for the fixation of the gonioscope. [illegible] V. G. Ma[illegible] Oft. zhur. 14 no. 7 [illegible]

Gonioscopy in the clinical aspects of primary glaucoma [with summary in English]. [illegible] 14 no. 7 404-408 '59.

GORIANINOV, PAVEL FEDOROVICH, 1796-1865

P. F. Gorianinov, K. M. Baer, and N. A. [illegible] as evolutionists. P. N. Pavlovskii. Izv. AN SSSR. Ser. biol. 24 no. 6:801-813 N-D '59.

GORBUNOV, VLADIMIR ALEKSEEVICH

Wings of the people ("A Communist from [illegible]", M Dymov, "On the way" by B. [illegible] Vu Azarov). Neva no. 8:191-193 [illegible]

GOR'KII, MAKSIM, 1868-1936

From the prehistory of the [illegible] play "The last ones," V. M. [illegible] no. 4/5:38-40 '59.

Illustrations by B. M. Kustodiev for the works of A. M. Gor'kii. N. Nikiforov. Iskusstvo [illegible]

Lenin, V. I. [V. I. Lenin and A. M. Gor'kii; letters, recollections, documents] V. I. Lenin i A. M. Gor'kii; pis'ma, vospominaniia, dokumenty. Moskva [illegible] Akad. nauk SSSR, 1958. 411 p. (RPB)

A study of M. Gor'kii's [illegible] trying characters in the tales of the [illegible] kova. Uch. zap. [illegible]

GORKIY—AUTOMOBILE INDUSTRY

Lipatov, N. A. [The workers participate in industrial management] Rabochie uchastvuiut v upravlenii proizvodstvom. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 75 p.

GORKIY—CLOTHING INDUSTRY

Practices of Gorkiy factory No. 1 [illegible] Kopninskaia. Shveinaia prom. [illegible]

GORKIY—SIDA

Results of studying and introducing Sida hermaphrodita Rusby as a new bast fiber plant. IA. N. IAkovleva Trudy Bot. inst. Ser. 6 no. 7 [illegible] '59

GORKIY PROVINCE—[illegible]

[illegible]

GORKIY PROVINCE—[illegible]

[illegible]

GORKIY PROVINCE—[illegible]

[illegible]

GORNAYA SHORIYA—[illegible]

[illegible]

[illegible]

GRAFTING

[illegible]

GRAIN

(see also subdivision under Kazakhstan,Ukraine)

Change the dates for taking samples of winter crops and perennial grasses. D M Shcherbina Zemledelie 8 no 1 92 Ja '60

Effect of moisture on the density of the wheat kernel. G A Egorov, T M Tikhonova, G V Turchina Izv vys. ucheb zav , pishch tekh no 5'17 10 '59

Lowering the cost of labor per centner of grain on state farms A Zakharov, Sots.trud 4 no.7.75-78 Jl '59.

The most important problem facing our agriculture is to increase the production of grain in every possible way. A Romanchenko V pom polit samoobr 3 no 12'10-20 D '59

GRAIN—CLEANING

Skorovarov, M A. [Machines for cleaning grain and their operation] Mashiny dlia ochistki zerna i ikh ekspluatatsiia. Pod red. A.IA Sokolova Moskva, Izd-vo tekhn i ekon. lit-ry po voprosam mukomol'no krupianoi, kombikormovoi promyshl i elevatorno skladskogo khoz., 1959. 130 p.

GRAIN—DISEASES AND PESTS

(see also subdivision under Soviet Central Asia)

Exhibit on the protection of grain crops. R. I Naiuk Zashch rast ot vred i bol 4 no 3'10 My Je '59.

Using high-frequency current for the disinfestation of grain. L. S Smirnova. [Nauch trudy] VII SKH 1'143-'58 '58

GRAIN—DRYING

Principal causes of fire in grain drying plants. V. Komar kov Pozh.delo 5 no.12 3 4 D '59.

Textbook on grain drying ("Grain drying and grain driers" by A P Gerzhoi, V F Samochetov Reviewed by P Ri kalkin) Muk elev prom 25 no 12 29 30 D '59

GRAIN—HARVESTING

Performance of grain harvesting machinery at increased forward speeds [with summaries in English, German, and French] M.D.Gulenko, IU M.Shilibovskii. Vest. sel'khoz.nauki 4 no. 11:12 1 17 N '59.

Picking up grain windrows at higher speeds. II .O.Ofat, Dop.UASHN 2 no.6,51 52 N D '59.

Preventing the loss of grain in windrows. P. A. Nikolaev. Mekh.i elek.sots.sel'khoz. 17 no.6:7 11 '59.

When is the best time to cut grain in harvesting by stages? L.Pakhomova Nauka i pered.op.v sel'khoz. 9 no 12: 53 54 D '59.

GRAIN—STORAGE

Direct combine to procurement station system A Onis hugov, A Ivanov, V.Matveev Muk elev prom 25 no 12 7 8 D '59

Extensive use of mechanical grain ventilation A Al'ferov Muk elev prom 25 no 12 17 D '59

GRAIN BREEDING

Injection method and its significance in transforming the nature of grain crops. L A. Petrov. Trudy Kaz. fil. AN SSSR no.17:3 17 '59

Injections in 1956 and 1957. E. A. Vorobleva. Trudy Kaz. fil. AN SSSR no.17:97 103 '59.

Structure of the head in new forms and its relation to the genetic propensity of the parents Z. M. Vakhrameeva Trudy Kaz.fil.AN SSSR no.17:36 46 '59.

Varietal morphological features of new forms of grain crops derived by the injection method. M. M. Bel'kova. Trudy Kaz.fil.AN SSSR no.17:17 50 '59.

GRAIN ELEVATORS

(see also subdivision under Kustanay Province; North Kazakhstan Province)

Awaiting the plenum of the Central Committee of the Communist Party of the Soviet Union Muk elev prom 25 no 12 1 2 D '59

Pressure of grain on the walls of elevator silos. P Pla tonov. A Kovtun Muk elev prom 25 no 12 22 24 D '59

GRAIN ELEVATORS—FIRES AND FIRE PREVENTION

Principal causes of fire in grain drying plants. V. Komar kov. Pozh.delo. 5 no 12 3 4 D '59.

GRAIN-HANDLING MACHINERY

The BIF-60 grain loader and piler. A. M. Borisov. Biul. tekh.-ekon.inform. no. 12:55 57 '59.

Committees for furthering technical progress K Frolov Muk -elev prom 25 no 12 8-9 D '59

Mechanization of standard granaries located away from railroads A Saprunov. V Kharakhash Muk elev. prom 25 no 12 18 19 D '59

GRAIN MILLING

(see also subdivision under Moldavia)

Brief news. Muk.-elev prom 25 no 12 29 D '59

Determining the power consumption in grain grinding. V. A. Eliseev. Mekh.i elek sots.sel'khoz. 17 no.6, 41 41 '59.

Using ultrasonic waves in grain milling N Dominikan. T Oleinikov Muk -elev prom 25 no 12 20 22 D '59

GRAIN-MILLING MACHINERY

Committees for furthering technical progress K Frolov Muk elev prom 25 no 12 8-9 D '59

GRAIN PRODUCTS see Cereal products

GRAIN TRADE

Determining the geographical location of a grain receiving station G G Podzolov Izv vys ucheb zav.; pishch tekh no 5'3 8 '59

GRAIN TRADE—ACCOUNTING see subdivision under Kiev

GRAMMAR, COMPARATIVE AND GENERAL

Akademiia nauk SSSR. Institut iazykoznaniia. [Problems in grammar; collection of articles marking the 75th birthday of Academician I I. Meshchaninov] Voprosy grammatiki; sbornik statei k 75 letiiu akademika I I Meshchaninova. Moskva, Izd vo Akad.nauk SSSR, 1960. 171 p.

The conversion of lexic units into affixal morphemes. V.D Arakin Nauch dokl.vys shkoly, filol nauki no. 1. 107 118 '59

GRAMMAR, COMPARATIVE AND GENERAL—SYNTAX

Method of dividing a syntactical whole into its parts. I. I Riis. Uch zap MGPIIIA 10,5 30 '59

GRANITE see subdivision under Chukchi National Area, Karelia, Sukhovyaz region, Ural Mountains

GRAPES

Abnormalities in the grapevine flower. G. V. Tkachenko. Nauch dokl vys. shkoly, biol nauki no. 2:107 109 '60.

Extraction of sugar and tartaric acid from grape pulp V A Manilkov Izv.vys ucheb zav , pishch tekh no 5' 88 91 '59

Formation of the inflorescence in the grapevine (Vitis vinifera L.) in winter and spring in connection with its increased fruiting capacity. Z.V. Kolesnik. Bot zhur. 44 no.12:1710 1713 D '59.

Production of oil from grape seeds M. IA. Shishigalov. Masl -zhir.prom 26 no.1,8 Ja '60

GRAPES—FERTILIZERS AND MANURES

Effect of the trace element zinc on its concentration in grapes O K. Dobrolinskii, L.V.Fedorenko. Nauch. dokl vys shkoly, biol nauki no.2,158 161 '60

GRAPES—VARIETIES

Developing frost-resistant grape varieties in the southern part of the U S S R S A Kaporan, S S Iakubaitam. Agrobiologiia no.6,907 910 N D '59

Using Bayan shirey grapes for wine making in the Azerbaijan S S R S A Abbasov Vin SSSR 19 no 8:11 13 '59

GRAPHIC ARTS, FRENCH—EXHIBITIONS see subdivision under Leningrad

GRAPHIC ARTS, YUGOSLAV—EXHIBITIONS see subdivision under Moscow

GRAPHITE

(see also subdivision under Bearle Valley)

Approval has been given for the use of graphite grease for the lubrication of rail bonds V B Kaulin O I Kolitskii Put' i put khoz no 11 14 11 N '59

Effect of arsenic on the graphitization of cast iron [with summary in English]. K. P. Bunin, IU.N. Pivkalskii, O I.Pimenov. Dop. AN URSR no.11:1508 1511 '59.

Form of graphite crystals in the alloy platinum carbon. I F Bolotov. Kristallografiia 4 no 5'781 785 S O '59

Kinetics of the second stage of graphitization in cast iron during repeated annealing [with summary in English]. K.P Bunin, L.P.Berlova, E.A.Fedorova. Dop. AN URSR no.10 1106 1109 '59.

GRASSES

(see also subdivision under Karelia; Kirov Province; Lithuania, Pamirs, Sakhalin, Tajikistan; Ural Mountain region; White Russia)

Biological characteristics of perennial grasses in relation to their winter hardiness [with summaries in English, German, and French]. S. S. Shain Vest. sel'khoz. nauki 4 no. 11:11 49 N '59.

Change the dates for taking samples of winter crops and perennial grasses D M Shcherbina Zemledelie 8 no 1 92 Ja '60

Growing perennial grasses for restoring the fertility of Ciscaucasian irrigated Chernozems [with summary in English] E T Muzychkin Pochvovedenie no. 12:13-23 D '59

How planting perennial grasses in every other interrow affects the growth of fruit trees. D.S.Sharashenidze, A.P Kachavava. Sad i og. 97 no.11:51-55 N '59

Individual variability in Medicago sativa L., Arrhenatherum elatius (L.) M et K., and Bromus inermis Leyss. during their first weeks of life. V.N. Makarevich Bot zhur 44 no.11:1599-1605 N '59.

Perennial and annual grasses on solonetz soils. Huang Wen-wei. Nauka i pered.op.v sel'khoz. 9 no.12:38 D '59.

Seed quality requirements of wild perennial forage grasses M. A. Filimonov. Trudy Bot.inst.Ser 6 no. 7:240-253 '59.

Two rare grasses in the flora of central Russia. A. K. Skvortsov Nauch.dokl.vys. shkoly, biol.nauki no. 2: 116 120 '60.

GRAVEL

Using acoustic methods in investigating the width of gravel and pebble deposits. V.I Savelov. Gidr stroi 29 no 12: 43 44 D '59

GRAVES see Mounds

GRAVIMETER (GEOPHYSICAL INSTRUMENT)

Dependence of zero creep in quartz gravimeters on the thickness of fibers in the elastic system. E. I. Popov. Izv. AN SSSR.Ser.geofiz. no.5:751-752 My '60.

Temperature effect calculations in surveying with the GAK 3M type gravimeters. A Sh. Faitel'son Razved. i prom.geofiz. no. 13,48 50 '59.

Theory of M. S. Molodenskii's spring gravimeter. V. IA. Gorodkko. Trudy TSNIIGAIK no. 103:110 136 '54.

GRAVITATION

Approximate ephemerides of the moon and the sun for 1958-1960, and an auxiliary nomogram for calculating the lunar and solar influence on the measured gravity values [with summary in French]. I. D. Zhongolovich Biul.Inst.teor.astron. 6 no. 5.412-415 '56

Consideration of gravitational energy. D. D. Ivanenko, N. V. Mitskevich. Zhur.eksp i teor.fiz. 37 no.3. 868 869 S '59.

Gravitation potential of elliptic paraboloids. I. I. Gavrilov. Izv. AN SSSR.Ser.geofiz. no.5:731 736 My '60.

Linear theories of gravitation. V. I. Pustovoit Zhur. eksp i teor fiz 37 no. 3:870 871 S '59.

The physical nature of gravitation. K. P. Stanlukovich. Biul. VAGO no. 21:3 17 '59.

Some questions pertaining to the problem of two bodies. V. T. Kondurar'. Sbor.nauch trud RI no.8 452-470 '58.

GRAVITY

Density determination of rock layers by underground gravity measurements. M K.Polshkov, G.Sh Chenyshev Trudy Inst geofiz AN Gruz SSR 17:447 464 '58

Establishing the elements determining the position of a vertical bench by the Agricevic. G.D Mamgadze Razved.i prom.geofiz no 31:21 30 '59.

Estimating the accuracy of gravimetric observations. A. K. Malovichko. Razved.i prom geofiz. no. 13:42 50 '59.

Mal'kov, A. A. [Interpretation of magnetic and gravity anomalies over anticlinical structures] Interpretatsiia magnitnykh i gravitatsionnykh anomalii nad antiklinal'nymi strukturami. Moskva, Gos nauchno tekhn. izd vo lit-ry po geologii i okhrane nedr, 1959. 39 p. 11 plates of diagr. (in portfolio)

Using the method of a free fall of bodies in determining the acceleration due to gravity A. I Martsiniak. Trudy VNIIM no 37:42 48 '59.

Using the results of gravimetric surveys in studying the bed structure of the southern part of the Minusinsk Depression. A. P. Tarkov. Razved.i prom.geofiz. no. 31:3 8 '59.

GRAY MULLETS see subdivision under Caspian Sea; Odessa Gulf

GRAYLING—DISEASES AND PESTS

Nematode fauna of the grayling. A. A. Spasskii, V. A. Roitman. Vop.ikht. no 13:177 180 '59.

GREAT BRITAIN—ASTRONOMY

Lectures in Great Britain. A. Manevich Nov.vrem. 18 no.19:29 30 My '60.

GREAT BRITAIN—BALANCE OF PAYMENTS

Balance of payments and foreign exchange in Great Britain. O Bogdanov. Den i kred 18 no.4:70-81 Ap '60.

GREAT BRITAIN—CHEESE—BACTERIOLOGY

Bacteriophage control in manufacturing ferments for cheese making. Molo h.prom. 20 no. 12:14-17 D '59.

GREAT BRITAIN—CLUTCHES (MACHINERY)

Electric coupling with a smooth regulation of velocity (from "Electrical times" no. 3510, 1959). IA. E. Vol'fkovich. Prom.energ 15 no 1 37 Ja '60.

GREAT BRITAIN—CONVEYING MACHINERY

Small vibrating feeder. L. M.Graf. Tsvet.met. 32 no 12.92 D '59.

GREAT BRITAIN—COURTS

Archer, Peter. [The English judicial system [published in English as "The queen's courts"] by Peter Archer. Translated from the English] Angliiskaia sudebnaia sistema. Moskva, Izd-vo inostr.lit-ry, 1959. 260 p.

GREAT BRITAIN—EARTHWORK

Earthwork practice: new British standard code. Standartizatsiia 23 no.12.53 D '59.

GREAT BRITAIN—ECONOMIC CONDITIONS
Crisis of the British economy. L. Mitin. Nar.khoz. kazakh. no.11 88-93 N '59

GREAT BRITAIN—EDUCATION
In British schools. V. Lapchinskaia, V. Aranskii. Nar obr. no.5 126-128 My '60

GREAT BRITAIN—ELECTRIC LIGHTING
Through the pages of foreign magazines. Svetotekhnika 5 no.12,20 D '59.

GREAT BRITAIN—FOREIGN EXCHANGE
Balance of payments and foreign exchange in Great Britain O Bogdanov Den i kred 18 no 4 79-91 Ap '60

GREAT BRITAIN—FOREIGN RELATIONS—GERMANY
Great Britain and Germany Konni Zilliacus Nov vrem 18 no 20 9-11 My '60

GREAT BRITAIN—GREENHOUSES
Movable greenhouses G Shafter Sad i og 97 no 12 58-59 D '59

GREAT BRITAIN—LABOR AND LABORING CLASSES
Zorina, D. IU. [British trade unions and labor's struggle for unity of action] Angliiskie tred-iuniony i bor'ba za edinstvo deistvii rabochego klassa. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 237 p.

GREAT BRITAIN—METHANE
"Haig" Mine in Whitehaven G. I Man'kovskii. Ugol' 34 no 12 48-49 D '59

GREAT BRITAIN—MINING ENGINEERING
"Haig" Mine in Whitehaven G I. Man'kovskii Ugol' 34 no 12 48-49 D '59.

GREAT BRITAIN—MOTION-PICTURE PLAYS
A tale about business. V.Shitova. Isk kino. no 12:102-103 D '59

GREAT BRITAIN—ORE CARRIERS
British ore carrier "Moray" with a gas turbine plant Sudostroenie 25 no.12 62-64 D '59.

GREAT BRITAIN—PENSIONERS
Pensioners of England are destitute A Gvozdev. Okhr. truda i sots. strakh. no 12,70-71 D '59.

GREAT BRITAIN—RAILROADS—ELECTRIFICATION
Electrification of British railroads on single-phase alternating current L A Vislouкh Elek i tepl tiaga 3 no 12 44 D '59

GREAT BRITAIN—ROCKETS (AERONAUTICS)
Death of the "Blue streak." Nov vrem 18 no 19·24 My '60

GREAT BRITAIN—SEWAGE—PURIFICATION
Sewage purification in England K V Shchoholiev Visnyk ABIA URSR no 4 73-74 '59

GREAT BRITAIN—SHOTGUNS
English gun marks. M. Portnov. Okh. i okh. khoz. 5 no.11·40-42 N '59.

GREAT BRITAIN—SOILS—BACTERIOLOGY
Report of the Rothamsted Experimental Station for 1958. A. A. Imshenetskii. Mikrobiologiia 28 no.6·950-953 N-D '59.

GREAT BRITAIN—STRIKES AND LOCKOUTS—MACHINERY INDUSTRY
The 1953 December strike of machinery-industry workers was a turning point in the postwar workers' movement of England G A Khidoiatov Izv AN Uz. SSR Ser. obshchestv. nauk no. 6·31-36 '59.

GREAT BRITAIN—TRADE UNIONS
Zorina, D. IU. [British trade unions and labor's struggle for unity of action] Angliiskie tred-iuniony i bor'ba za edinstvo deistvii rabochego klassa. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 237 p.

GREAT BRITAIN—TRAWLS AND TRAWLING
English trawler "Firetree II" (from "Shipping World," no. 3438, 1959). Sudostroenie 25 no. 11:66 N '59.

GREAT BRITAIN—WAR—ECONOMIC ASPECTS
What disarmament could achieve for the British people. H. J. Fyrth. Vsem. prof. dvizh. no. 4·17-19 Ap '60.

GREAT GRYAZNAYA VALLEY—BENTONITE
Discovery of bentonites in the Kuznetsk Basin. V. I. Budnikov, IU. P. Kazanskii, A. I. Lezhnin. Dokl. AN SSSR 131 no 6 1417-1419 Ap '60.

GREECE
A discussion of the future at the foot of the Acropolis Justas Paleckis Nov vrem 18 no 20 14-17 My '60

GREECE—FOREIGN RELATIONS
The Greek scene Nov vrem 18 no 17·17 Ap '60

GREECE—FOREIGN RELATIONS—RUSSIA
Clumsy pretense Nov vrem 18 no 20 21-22 My '60

GREECE—POLITICAL PRISONERS
Letter from a Greek prison Nov vrem 18 no 10·18 My '60

GREECE—POLITICS AND GOVERNMENT
Clumsy pretense Nov vrem 18 no 20 21-22 My '60

GREECE—TRIALS (POLITICAL CRIMES AND OFFENSES)
The Greek scene Nov. vrem 18 no. 17·17 Ap '60.

GREEK BALLADS AND SONGS
"Aedes", creators and bearers of the ancient epic by I. I Tolstoi. Reviewed by S I. Radtsig, I. M. Tronskii. Nauch. dokl. vys shkoly, filol nauki no. 1 177-183 '59.

GREEK CHURCH see Orthodox Eastern Church

GREEK LANGUAGE—STUDY AND TEACHING
Creto-Mycenaean texts and old Greek dialects. N. S Grinbaum Vop iaz 8 no 6 78-86 N-D '59

GREEN MANURING
Green manuring and efficient fertilizer usage form the basis for increased profits from tea plantations U G Shteiman Ud i ur 4 no 12 43-48 D '59

GREENHOUSE MANAGEMENT
Control and automatic regulation of soil moisture in hotbeds and greenhouses. R. N. Torosian. [Nauch. trudy]. VIESKH 3,222-242 '58
For better utilization of greenhouses in winter A. F Fudin Sad i og 97 no 12 9-13 D '59

GREENHOUSE PLANTS
Experiments in greenhouse cultivation of ginseng. I. V. Grushvitskii Trudy Bot. inst Ser 6 no 7·333-336 '59.

GREENHOUSES see subdivision under Great Britain

GREENSTONE see subdivision under Tagil Valley

GREENLAND—TREE PLANTING
Tree planting in Greenland. B. A. Tikhomirov Izv. vys. ucheb zav., les. zhur 2 no 6:161-168 '59.

GREENS, EDIBLE
Vitaminic greens in the room B A Aleksandrov. Zdorov'e 6 no 1 31 Ja '60

GREKOV, MITROFAN BORISOVICH, 1882-1934
Painter of historical truth M Tarasikau Belarus' 16 no 11 31 N '59
A prominent Soviet painter of battle scenes. R. Mozhaeva. Iskusstvo 22 no 11:15-22 '59.

GRIEVANCE PROCEDURES
Jurisdictional procedure in the review of labor disputes. A Stavtseva Sots. trud no 12·132-137 D '58.

GRIGOR'EV, APOLLON ALEKSANDROVICH, 1822-1864
Apollon Grigor'ev or E. Edel'son. V. IA. Lakshin. Nauch. dokl. vys shkoly, filol nauki no. 4:174-176 '59.

GRIN, ELMAR
E. Grin's novel "Wind from the south." A. M. Vaikki. Uch. zap, LGU no. 275:130-152 '59.

GRINDING AND POLISHING
Calculating stresses caused by grinding. I. I. Timofeev. Izv. vys. ucheb. zav., mashinostr. no 5,174-183 '59.
Device for grinding valve seats. O. H. Hulai, I. D. Bunenko. Mekh. sil'. hosp. 11 no. 1:19-20 Ja '60.
Features of the process of grinding certain crystalline materials [with summary in English]. N. N. Kachalov, L. F. Grigor'eva. Inzh.-fiz. zhur. no. 1,35-40 Ja '60.
Hydraulic rolling heads for machining internal surfaces of cylinders. G. V. Khoperskov. Mashinostroitel' no. 1·19-20 Ja '60.
An occupation which has disappeared. IU. Apenchenko. Sov. Soiuz. no. 1 6-7 '60.
Thermal studies on the vibration grinding of a hard alloy. E G Konovalov, V N. Chachin Dokl. AN BSSR 3 no 11· 452-455 N '59.

GRINDING MACHINES
Development and state of spindle supply in bearing and machinery plants of the U.S.S.R. and abroad. N. A. Spitsyn. Izv. vys. ucheb zav., mashinostr. no. 5 124-130 '59
Miniature fast-turning grinding electric spindle. B. M. Malkin. Mashinostroitel' no. 1·20-22 Ja '60.
The 10S20A-type automatic centerless circular-grinding machine. S M. Benin. Biul. tekh.-ekon. inform no. 11: 35-37 '59
Semiautomatic machine for centerless burnishing of parts for nickel plating. A. S. Shats, A. S. Berezovskii. Mashinostroitel' no 1·7 Ja '60.
The 3A153A automatic circular-grinding machine. A. V Shchegolev. Biul. tekh.-ekon. inform no. 11:33-35 '59.

GRINDING MACHINES—TESTING
Using radioisotope transducers for an efficient [illegible] of grinding-machine parts. V. V. Kond[illegible] and others. Vest. mash. 40 no 1·67-70 Ja '60

GRODNO—TEXTILE INDUSTRY
Follow-up of materials published in 'Kommunist Belo[illegible] Komm. Bel. 33 no. 11:80 N '59.

GRODNO PROVINCE—EDUCATION, COOPERATIVE
Soviet schools should be closer to the life of our [illegible] I. Mikulovich. Komm. Bel. 33 no. 11:37-42 N '59.

GRODNO PROVINCE—GEOLOGY, STRATIGRAPHIC
Conditions determining the deposition of [illegible] ments in Grodno Province and adjacent areas [illegible] ania and Poland. L. M. Vaznitchuk. V[illegible] Ser. fiz.-tekh. nav. no. 4:100-126 '59.

GROUND CONTROLLED APPROACH see subdivision under Perm

GROUPS, THEORY OF
Burnside's problem. A. I. Kostrikin. Usp. mat. [illegible] 14 no. 6 237-240 N-D '59.
Conditions of finiteness in the general theory of groups. S. N. Chernikov. Usp. mat. nauk 14 no. 5 [illegible] '59.
Densely imbedded ideals of semigroups. L. M. [illegible] Dokl. AN SSSR 131 no. 5:1004-1006 Ap '60.
Ideals of semigroups. K. A. Zaretskii. Usp. mat. [illegible] 14 no. 6:173-174 N-D '59.
Imbedding problem for local fields. S. P. Dem[illegible], I. R. Shafarevich. Izv. AN SSSR. Ser. mat. [illegible] 823-840 N-D '59.
Irreducible nilpotent groups of matrices of [illegible] R. Tyshkevich. Vestsi AN BSSR. Ser. fiz.-tekh. [illegible] no. 1,34-41 '59.
Locally bicompact solvable groups satisfying [illegible] mality condition for closed subgroups. V. [illegible] Dokl. AN SSSR 131 no. 5:1030-1037 Ap '60
Multiplicative group of a body. M. Sh. [illegible] Dokl. AN SSSR 131 no. 6 1268-1271 Ap '60.
Nilpotent linear groups over finite fields D. A. [illegible] nenko Trudy Inst fiz. i mat. AN BSSR no 3:213 [illegible] '59.
Nilpotent nonreducible linear groups above a [illegible] D. Suprunenko, R. Apatenok. Dokl AN B[illegible] 475-478 D '59
Primitively factorizable groups. IU. M. Gor[illegible] AN SSSR 131 no. 6·1246-1248 Ap '60.
Real linear nilpotent groups. D. A. Suprunenko M[illegible] sbor 49 no. 3:347-352 N '59.
Reducible nilpotent and locally nilpotent linear [illegible] D. A Suprunenko, R. I Tyshkevich Trudy Inst fiz. i mat. AN BSSR no. 3:221-233 '59.
Semigroups and rings of the endomorphisms of [illegible] spaces. L. M. Gluskin. Izv. AN SSSR. Ser. mat. [illegible] no. 6:841-870 N-D '59.
Theory of special locally compact groups (with [illegible] in English). V. M Glushkov. Ukr. mat. zhur. 11 [illegible] 347-351 '59.

GROUSE
Hazel grouse. Nik. Smirnov. Okh. i okh. khoz. 5 [illegible] 50-51 N '59.

GROWTH (PLANTS)
Determining the current annual increment of a [illegible] V. G. IAroshevich Izv. vys. ucheb. zav., les. zhur. 2 no. 6 49-53 '59.
Individual variability in Medicago sativa L., Arrhenatherum elatius (L.) M. et K., and Bromus [illegible] during their first weeks of life. V. N. Mak[illegible] zhur. 44 no. 11,1590-1605 N '59.
Magnetism in agriculture. A. Presnikov. [illegible] no. 11:29-30 N '59.
Morphological features of different age phases [illegible] formation of the alsike clover plant (Trifolium [illegible] L.) in Moscow Province. T. M. Pokrovskaia. [illegible] dokl. vys. shkoly, biol. nauki no. 2:110-115 '60
Specific features of shoot growth and anatomical [illegible] of leaves in some trees. E. I. Voznesenskaia [illegible] Tadzh. SSR 97 93-251 '58.
Testing a method for determining the age of desert semishrubs from annual rings and the effect of [illegible] above sea level on age. G. M. Ladygina. Izv. Otd. [illegible] nauk AN Tadzh. SSR no. 2:115-120 '59.

GROWTH INHIBITING SUBSTANCES
Structure and physiological activity of some 2,4,5-trichlorophenoxyacetyl amino acids. IU V. Rakitin and others. Fiziol. rast 6 no. 6:729-734 N-D '59

GROWTH PROMOTING SUBSTANCES
Structure and physiological activity of some 2,4,5-trichlorophenoxyacetyl amino acids. IU. V. Rakitin and others. Fiziol. rast. 6 no. 6:729-734 N-D '59

GROZNYY—PETROLEUM—REFINING
Efficiency promoters' achievements in oil losses control G. Sidoranskii. Neftianik 3 no. 9:23-24 S '58.

GROZNYY—TANK CARS
Standpipe of a new design. Neftianik 3 no. 10·32 O '58.

GRUMKOVA, VALENTINA VASIL'EVNA

Learning from the people V.Lipovtain Prom.koop. 13 no 12 32 D '59

GUADALCAZARITE see subdivision under Dzhizhikrut region

GUANIDINE

Synthesis of 2-aminopyrimidine. Report no 1. Condensation of propargyl aldehyde with dicyandiamide V I Khmelevskii, I A Kozello, A IA Gasheva. Med prom 13 no 12'18-20 D '59

GUANIDINE—ELECTRIC PROPERTIES

Some characteristics of the electrical conductivity of guanidine aluminum sulfate hexahydrate V.M Gurevich, I S Zheludev, I S.Rez Kristallografiia 4 no 5'718-722 S-O '59

GUIANA

Leshchiner, R.E. [Guiana] Gviana. Pod red. V.M. Gokhmana. Moskva, Gos izd-vo geogr.lit-ry, 1960. 76 p (U karty mira)

GUIDED MISSILES

Book on guided missiles ("Guided missiles" by V I Marisov, I K Kucherov Reviewed by A E Tatarchenko) Vest Vozd Fl no 12 83-85 D '59

GUINEA—ECONOMIC CONDITIONS

In the Republic of Guinea S Gorelyshev. Agitator no 1 70-72 Ja '60

GUMBEYKA REGION (URAL MOUNTAINS)—SCHEELITE

Chemical composition of certain scheelites from the Gumbeyka deposit in the Urals. B O. Havrusevych Nauk zap Kyiv. un 16 no. 14'189-191 '57

GUMBRIN

Acid activation and the bleaching properties of gumbrin. D. N. Barnabishvili, G. V TSitsishvili, K A. Bezhashvili. Trudy Inst. khim. AN Gruz. SSR 11:37-52 '58.

Catalytic transformations of paraffin over gumbrin. N. B. Lobacheva. Zhur. prikl. khim. 32 no. 12'2740-2743 D '59.

GUMS—TUMORS

Diffuse fibromatosis of the gums. IA. M. Riberman. Stomatologiia 38 no 6,54-57 N-D '59

GUMS AND RESINS

Changes in the properties of gum turpentine under heating and in the presence of rosin. I. I. Bardyshev, E. I. Efimenko. Nauch. dokl. vys. shkoly; lesoinzh. delo no 2; 215-217 '59.

Comparative study and characteristics of methods applied in determining "harmful" resins in cellulose. N. P. Starostenko, N. N Nepenin. Trudy LTA no. 80 pt. 2;3-17 '58.

Physical and electrotechnical properties of various rosins. F A. Mednikov, M V IAnishevskaia. Izv vys ucheb. zav., *les. zhur* 2 *no* 5 *161-165* '59

Using screw presses and gasoline for the extraction of resinous substances from fresh and old tar-impregnated wood. F A. Mednikov, E. V. Ushkova, N. N. Golubeva. Trudy LTA no. 87;39-47 '59.

GUNS see Rifles

GUNSHOT WOUNDS

Effect of a substituted charge fired from a shotgun. G I Kostitskii Sud -med ekspert. 2 no 1-56-57 Ja-Mr '59.

Rare case of a gunshot wound. A. A. Finkel'. Sud.-med. ekspert 2 no. 3;54-55 Jl-S '59.

GURDZHAANI DISTRICT—VITICULTURE

Achievements of M. Marchilashvili's brigade. S Lomkatsi. Sad i og 97 no. 12 52-54 D '59.

GUREVICH, GRIGORII EFIMOVICH, 1892-1959

Grigorii Efimovich Gurevich; obituary. Azerb. med. zhur. no. 12;85-86 D '59.

GUTTA-PERCHA

Microbiological maceration of eucommia leaves. Report *No. 1* Optimum conditions for maceration by an active complex of micro-organisms [with summary in English]. I. L. Rabotnova, M. B. Kupletskaia, V. M. Kuznetsova. Mikrobiologiia 28 no. 6;874-880 N-D '59.

GUTTERS see subdivision under Siberia

GYMNASTICS

Mikulich, P. V., and L. P. Orlov. [Gymnastics; a manual for the sections of physical training for beginners] Gimnastika, uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury dlia zaniatii s nachinaiushchimi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 195 p.

Seven out of seven. Fizk. i sport 29 no 11:8 N '59.

Sport master Oleg Dan'ko. A. Artemovich. Zhizn' glukh. 12 no. 11;18 N '59.

GYNECOLOGY

Collected papers from the first, second, and third gynecological weeks in Belgrade. V. Shulovich. Akush. i gin. 35 no. 6'115-121 N-D '59.

Joint plenary session of the administrative boards of medical societies of obstetricians and gynecologists and of pediatricians of the R. S. F. S. R. K N. Zhmakin. Akush. i gin. 35 no. 6 97-100 N-D '59.

Review of activities of branches of the All-Union Society of Obstetricians and Gynecologists during 1958 N Aleksandrov Akush i gin 35 no 6 100-111 N-D '59.

Some modern problems in pediatric gynecology [with summary in English]. A. I. Petchenko. Akush i gin. 35 no. 6-83-87 N-D '59.

GYNECOLOGY, OPERATIVE

Braude, I. L. [Emergency surgery in obstetrics and gynecology; a manual for physicians] Neotlozhnaia khirurgiia v akusherstve i ginekologii, rukovodstvo dlia vrachei. Izd. 2., dop. Moskva, Medgiz, 1947. 219 p.
(MnU)

GYMNOSPERMS, FOSSIL see subdivision under Sangar region

GYPSUM

Plastics based on phenolic alcohols and gypsum (gypsum resites). A. A. Vasil'ev, A. A. Vansheidt. Zhur. prikl. khim. 32 no. 12;2810-2811 D '59.

Two types of contacts determining the strength of crystallization structures of dihydrated gypsum [with summary in English]. E. Stoklosa, Z. N. Markina, E. D. Segalova. Koll. zhur. 21 no. 6,706-717 N-D '59.

GYPSUM—TRANSPORTATION

Feeding gypsum plastics to upper stories. Biul. tekh. inform. po stroi 5 no. 11. 30 N '59

GYROCOMPASS

Floated simple pendulum gyrocompass suspended on a core support. M. A. Sergeev Izv. vys. ucheb. zav., prib. no. 3 50-56 '59.

Surveying gyrocompass for the orientation of gaseous and dusty mines. V. N. Lavrov Ugol' 34 no. 12'29-31 D '59.

GYROSCOPE

Behavior of a gyroscopic stabilizer on a pivot base. A. I. Chistiakov. Izv. vys. ucheb. zav., prib. no. 3'40-49 '59.

Inertia motion of a gyroscope hung in gimbals. IA. L. Lunts. Izv. vys. ucheb. zav., prib. no. 3;25-29 '59.

Stability of a gyroscopic system. I. A. Pirogov. Prikl. mat. i mekh. 23 no 6;1131-1136 N-D '59.

Theory of a self-excited gyroscope. D. R. Merkin. Izv. vys. ucheb. zav.; prib. no. 3'21-24 '59.

Use of explosion-proof locomotives with gyroscopic drive in coal mines. N N. Petukhov Izv. vys ucheb zav.; gor. zhur. no 3;88-98 '59

GYROSCOPE—TESTING

Testing floating gyroscopes. G. A. Slomianskii. Trudy MATI no. 40 21-54 '59.

HAFNIUM—THERMAL PROPERTIES

Thermodynamic calculations in the field of zirconium and hafnium chlorides. L. P. Ruzinov, S. I. *Belov*. TSvet met. 32 no. 12:71-72 D '59.

HAFNIUM BORIDES

Preparation and certain properties of hafnium boride. IU. B. Paderno, T. I. Serebriakova, G. V. Samsonov. TSvet. met. 32 no. 11,48-50 N '59.

HAFNIUM CHLORIDE

Thermal stability of compounds formed by zirconium chlorides and hafnium chlorides with alkali metal chlorides. I. S. Morozov, Sung Yin-chu. Zhur. neorg. khim. 4 no. 11:2551-2553 N '59.

HAIL

Characteristics of coagulation growth of hailstones as related to altitudinal variations in the velocity of vertical currents. N. Sh. Bibilashvili and others. Izv. AN SSSR. Ser. geofiz. no. 4:585-593 Ap '60.

HAINAN ISLAND—GEOLOGY, STRUCTURAL

Applying the wave theory in the structural analysis of coral shores, based on the material of the Hainan Island V. P. Zenkovich. Izv. AN SSSR Ser geog no 2 28-41 Mr-Ap '60

HAIR—ANALYSIS

Group specificity of human hair R G. Gontbom, N. P Korneeva Sud.-med ekspert 2 *no.* 1:11-14 *Ja-Mr* '60.

Some methods of analyzing hairs in relation to medicolegal testimony on their similarities A. N Kishinovskii Sud.-med. ekspert 2 no 1:14-19 Ja-Mr '60.

HAIR—CARE AND HYGIENE

Chemical curling of the hair. M. G. Polikarpova. Zdorov'e 5 no. 12;29 D '59.

HALIDES

Concentration dependence of the decomposition potentials of compounds formed by aluminum bromide with metal halides in nonaqueous solutions. S. I. IAkubson. Rab. po khim. rastv. i kompl. soed. no. 2:72-81 '59.

HALOGENATION

Kinetics of the liquid-phase hydrohalogenation of acetylene in the presence of mercury salts. R. M. Flid. Izv. vys. ucheb. zav.; khim. i khim. tekh 2 no. 6;940-953 '59.

HALOGENS

Substitution for the halogen in azo compounds. Part 8: Effect of the position of the halogen and of the electron-donor substituent, and effect of the latter's nature. M. A. Andreeva, B. I Stepanov. Zhur. ob. khim. 30 no. 4; *1350-1356* Ap '60.

HALOGENS—ISOTOPES

Study of inorganic halides by means of isotopic exchange reactions. IA. A. Fialkov. IU. P. Nazarenko. Rab. po khim. rastv. i kompl. soed. no. 2'116-134 '59.

HALOPHYTES *See* subdivision under Biruchiy Island

HALOXYLON

Changes due to age in Haloxylon aphyllum V L. Dragavtsev Izv vys. ucheb zav , les zhur 2 no 5 51 57 '59

HALS, FRANS, 1581-1666

Rediscovered paintings by Frans Hals. I. Linnik. Iskusstvo 22 no. 10;70-76 '59.

HAMBURG—SHIPBUILDING

Building of floating docks for the Hamburg wharves. Sudostroenie 25 no 12.55 D '59.

HAND—DISEASES

Prevention of occupational diseases of the hand among workers of silk spinning plants. V. N. Kochergin. Fel'd. i akush. 25 no. 1:21-25 Ja '60.

HAND TRUCKS

Machine-tool conveying lorry. A. A. Ol'ok. Mashinostroitel' no. 1;33 Ja '60.

HAND WEAVING see subdivision under White Russia

HANDBOOKS, VADE MECUMS, ETC.

All editions of production standard manuals should be regulated I Ioffe Sots trud 4 no 11 140 141 N '59

HANDICRAFT see subdivision under Abkhazia; Uzbekistan

HANDICRAFT—EXHIBITIONS see subdivision under Moscow

HANDWRITING see Penmanship

HARBIN, CHINA—MACHINISTS

Racing against time Yao P'ing, An Ching. Druzhba no 49 22-23 D '59.

The red pennant over the lathe. Su Kuang-ming. Druzhba no. 51'5 D '59.

HARD FACING

Hard facing of shaped grooves on iron mill rolls with help of a master form. V. K. Kobyzev. Avtom. svar. 12 no 12;58-64 D '59.

Method of automatic hard facing under flux of high-alloy steels and alloys. Jaromir Iakanek, Karel Ehlt. Avtom svar. 12 no. 12;3-12 D '59.

HARDBOARD

(see also subdivision under United States)

Shapiro, A. D. [Production of wood-fiber blocks and particle boards] Proizvodstvo stroitel'nykh plit iz volokna i drevesnykh chastits. Moskva, Goslesbumizdat, 1959. 67 p.

Use of fiberboard for insulating separate sections of cold storage warehouses. I. Dushin Kholod. tekh. 36 no 6; *55-56* N-D '59

HARDINESS OF PLANTS see Plants—Hardiness

HARDNESS

Device for measuring crankshaft hardness with the Rockwell testing machine. P. I. Zemskov, I. D. Pogorelov. Zav. lab. 25 no. 12;1526 '59.

Improved headpiece used in the PMT-3 microdurometer. R K Mozberg. Zav. lab. no. 11:1388-1389 '59.

Increasing the precision in measuring the hardness of metals D. M. Ovsiannikov, L. T. Timoshuk. Zav. lab no 11;1389-1391 '59.

Relationship between Rockwell hardness numbers and geometric dimensions of a cone tip S. S. Stepanov. Trudy VNIIM no 37;108-111 '59.

HARES

Four methods to make tree bark inedible for hares. Nauk. tekh. 4 no. 11;61 N '59.

HARMONIC ANALYSIS

Problem in improving the convergence of the series of Fourier's functions whose graphs represent the population of second degree parabola A. I. Blokhina, P. P IUshkov. Trudy LTIKIIP 15:186 '58.

HARMONIC FUNCTIONS

Solutions for Laplace equation. I. A. Morev. Sbor. nauch trud. IEI no. 8 38-51 '58.

HARRIERS—PARASITES see Parasites—Harriers

HARROWS

BDPN-2, 2 semimounted heavy harrow A M Mamkin, A A Nikitin Trakt i sel'khozmash no 1 36-37 Ja '60

Investigating the process of harrowing at increased speeds [with summaries in English, German, and French] D D Prokopenko Vest sel'khoz nauki 4 no 12 94-99 D '59

HARVESTING MACHINERY

Sled rake. A. Kuz'minskii. Un. tekh. 4 no. 11:27 N '59.

HAVANA—EXHIBITIONS

Atomic energy at the Soviet exhibition in Havana I. Kimel', V Tsukov Atom energ 8 no 5 464 My '60

Readers' letters from Rumania, Cuba, and the Crimea. Nov vrem 18 no 20 31 My '60

HAWTHORN

Hawthorn, a promising fruit A P Dragavtsev Sad i og 97 no 12 47-48 D '59

HAY

Hay yields have been doubled. I. Klimov. Nauka i pered. op. v sel'khoz 9 no 12:58-59 D '59.

HAY—HARVESTING

(see also subdivision under Kazakhstan, White Russia)

PPR-1, 6A pickup round baler V V Belozor Trakt. i sel'khozmash no 1 33-35 Ja '60

HAZEL see subdivision under Kirov Province

HEALTH EDUCATION

Experience with hygiene education and habits in children's sanatoria P. D Tambovtsev Gig i san 24 no 11 45-48 N '59

Mil'man, L.I. [The subject of "Health Preservation"; materials for work in the fourth grade of the primary school] Tema "Okhrana zdorov'ia", materialy dlia raboty v IV klasse nachal'noi shkoly. Moskva, Medgiz, 1955. 108 p.
(DNLM)

Parental conference as one of the forms of health education V A Savchenko. Zdrav Ros. Feder 3 no 12: 35-36 D '59

HEALTH RESORTS, WATERING PLACES, ETC.
(see also Shusha)

Health resort in the city of Khmel'nik. H. Novyts'kyi. Nauka i zhyttia 8 no. 5:22-23 My '58.

HEARING

Hearing G. V Gershuni Zdorov'e 6 no 1 9-11 Ja '60.

Tables of Tajik words for use in studying hearing acuteness by means of speech [with summary in English] L. I Kal'shtein, A E Shlionskii Zdrav Tadzh 6 no 6:36-38 '59

Take care of your children's hearing. V. Trutnev. Sem'ia i shkola 14 no. 12:39-40 D '59.

HEARING AIDS

From the pages of the press. Sots. obesp. 20 no. 12:62 D '59.

Hearing aids. K. Tolkachev. Zhizn' glukh. 12 no. 11: '59.

n following chest surgery.
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) and others Nov khir zhur.

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HEART—CANCER

Metastic heart cancer terminating by spontaneous rupture of the heart muscle A A Kubetskii [illegible] Vrach delo no 11 1198 1201 N '59

HEART—DISEASES

Absorption of radioactive iodine by the thyroid gland in patients with mitral defects of a rheumatic nature [illegible] Bleskina, A N Mitropol'skii A F Marchukova Vrach delo no 11 1207 N '59

HEART—INFARCTION

Berlinskaia, A.N. [Outcome and prognosis of myocardial infarct] Iskhody i prognoz infarkta miokarda. Moskva, Medgiz, 1958. 270 p.
(DNLM)

Problem of early diagnosis in acute myocardial infarct. [illegible] Korovkin, N. A. Belov, A [illegible] Kl. delo 6 no. 1, 1-7 Ja [illegible] '60

HEART—SURGERY

Late results of surgery in constrictive pericarditis G. G. Karavanov, IA S Valigora Nov khir zhur no. 6,8 12 N-D '59

Surgical treatment of chronic exudative pericarditis B. V Petrovskii, V. V Zaretskii Nov khir zhur no 6 3-8 N-D '59

Tenth session of the Vishnevskii Institute of Surgery of the Academy of Medicine of the U.S.S.R. A V Afanas'eva, Z. IA. Degtiareva. Vest khir. 83 no 11 [illegible]

We wish them luck S Khurlamova Zdorov'e 6 no 1 16-17 Ja '60.

HEART—WOUNDS AND INJURIES

Case of recovery following surgery for gunshot wound of the left heart ventricle R. P Starikov [illegible] Nov khir zhur no 6:115 N D '59

Glass splinter wound of the heart [illegible] Zdrav Turk. [illegible]

HEAT

Determining stationary temperature field taking into account the effect of temperature on the heat conduction coefficient V. M Kapinos, B M Mats [illegible] [illegible] '60

Notable work of M. V. Lomonosov D [illegible] [illegible] N D '59

HEAT—CONDUCTION

Analyzing errors in determining thermal conductivity of wood by [illegible] methods. M P [illegible] Trudy [illegible] no. 83:21 [illegible] '60.

Free boundary problem for the heat conduction equation T. D. Ventsel', Dokl. AN SSSR [illegible] '60.

Heat conductivity of some organic liquids. V. P [illegible] M IA [illegible] Zhur tekh fiz [illegible] 1204 O '59.

New method of determining thermal coefficients of [illegible] bodies. M P. [illegible] Trudy [illegible] 203 '60 [illegible]

Thermal conductivity in a layer of lump materials. [illegible] Markov, S I. Solomentsev, [illegible] no 3:176 181 '60

Two-sample method for determining the heat conduction coefficient of cylindrical anisotropic bodies [illegible] Trudy [illegible]

HEAT—CONVECTION

Theory of some magnetohydrodynamic phenomena of free laminar heat convection of an electrically conducting fluid in a round vertical tube in a [illegible] magnetic field A. G. Smirnov. Zhur tekh fiz [illegible] O '59.

HEAT—PHYSIOLOGICAL EFFECT
(see also subdivision under Mary)

Change in the resistance of the erythrocytes in healthy and decerebrated dogs at high temperatures. [illegible] Turanov. Izv AN [illegible]

Conference on the physiology of heat exchange [illegible] of the industrial microclimate N I [illegible] 4 no 6 55 56 N D '59

Effect of preliminary heating of the frog muscle on its resistance to injury by high temperature and different chemical agents. N A Chliakhter [illegible] 652-660 N D '59

Influence of various food and diet regimens on the water and salt metabolism and blood at high temperatures. E. S. Makhmudov. Izv AN [illegible] '59.

Physiology of heat exchange and the hygiene of industrial microclimate. A. E. Malysheva. Vest. AMN SSSR 14 no. 12:36-41 '59.

HEAT—RADIATION AND ABSORPTION

Criterion of the degree of unevenness in temperature distribution N. A Morozov Izv vys ucheb zav [illegible] 2 no. 8 127 132 N '59

Generalized dependences of heat exchange in boiling solutions. A. F. Sorokin. Sbor. nauch trud IEI no. 8 81 97 '58.

[illegible]

HEAT [illegible]

[illegible]

HEAT [illegible]

[illegible]

HEAT [illegible]

[illegible]

HEAT EXCHANGERS

[illegible]

HEAT OF COMBUSTION

Determining the heat of combustion of oil shales. A P Sivertsev. Trudy VNIIT no 8 226-232 '59

Heats of combustion of 1, 1-dimethyl-2-alkylcyclopropanes O N. Kachinskaia and others Dokl AN SSSR 132 no 1 119-122 My '60.

HEAT OF VAPORIZATION

Dependence of liquid viscosity on temperature and heat of vaporization Kh. T. Abilev. Vest. AN Kazakh SSR 15 no.12 72-77 D '59.

HEAT OF WETTING

Heat of wetting in alcohol of cotton cellulose from variety 108-F at different growing periods. Kh. U. Usmanov, I. Kh. Khakimov. Dokl. AN Uz SSR no.11:32-34 '59.

Heat of wetting of cellulose esters by water D. V Zharkovskii. Dokl. AN BSSR 3 no.12:402-405 D '59.

HEAT PUMPS

Investigating lithium bromide absorption and a refrigerating heat pump machine [with summary in English] L Rozenfel'd, M. Karnaukh. Khol. tekh 36 no 6 11-16 N-D '59

Use of solar energy as the heat source for a heat pump [with summary in English] G. Batiani, R Khonelidze, O. Turkestanishvili. Khol tekh 36 no.6:17-19 N '59

HEAT-RESISTANT ALLOYS

Braun, M. P., and others. [Mechanical properties heat resistance and heat treatment of alloyed steel] Mekhanicheskie svoistva, teploustoichivost' i termicheskaia obrabotka legirovannoi stali. Kiev, Izd-vo Akad. nauk USSR, 1959. 190 p.

Efficient uses of heat-resistant steels for the manufacturing of fittings. S. I. Rozhkov, M. M. Gomol'skii. Energomashinostroenie 5 no.11:32-34 N '59

Heat resistance of high chromium steel containing nitrogen M. L. Korolev Izv vys. ucheb. zav ; chern. met no. 3:153-159 '60.

Kh15N35BMT (EI602) heat-resistant steel. Metalloved. i term. obr. met. no.1:61-64 Ja '60.

HEAT-RESISTANT ALLOYS—TESTING

[Investigation of heat resistant steels and alloys] Issledovanie zharoprochnykh stalei i splavov. Pod red. I L. Mirkina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 362 p.

HEAT-RESISTANT ALLOYS—WELDING

Effect of the ferritic phase on the resistance of austenite welds to the formation of hot cracks M Kh. Shorshorov and others. Svar. proizv. no 1:1-4 Ja '60

HEATING

Change of practices in planning heating systems is an urgent problem. V. A. Shmidt. Vod. i san. tekh no. 1 6-9 Ja '60.

Establishing the number of sections in heating apparatus used in single-pipe heating systems. L. M. Mikhailov, Vod. i san. tekh. no.1:30 Ja '60.

Shchekin, R. V., and others. [Reference book on heating and ventilation in residential and public-building construction] Spravochnik po teplosnabzheniiu i ventiliatsii v grazhdanskom stroitel'stve. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 840 p.

Units for drying and heating buildings under construction in winter. B. S. Krivtsov, B. P. Moskovchenko. Biul. tekh. inform. po stroi. 5 no. 11:20-23 N '59.

HEATING FROM CENTRAL STATIONS

Improving insulation for thermal networks to be used in construction for reduction of thermal losses. M G. Shpeer. Prom. energ. 15 no 1 8-11 Ja '60.

Thirty-five years of Soviet heat supply engineering. Prom. energ. 14 no.12:5-7 D '59.

HEATING PIPES

Determination of optimal temperatures of flue gases from tubular furnaces. A. A. Kondrat'ev. Khim. i tekh topl. i masel 5 no. 1:67 Ja '60.

HELICOPTERS

(see also subdivision under Leningrad)

"Ground resonance" of the helicopter. IU. Popov. Grazhd. av. 16 no. 9:25-26 S '59.

Helicopter as builder, postman, tiller, sanitation worker, fireman ... N. Neskorod'ev. Tekh. mol. 27 no. 12 14-16 '59.

In forty minutes P. Arkhipov Grazhd av 16 no 12 20-21 D '59

Mi-4 passenger helicopter in the Kremlin Grazhd av 16 no 12 4 D '59.

New method for calculating the vertical rate of climb of a helicopter. V. I. Shaidakov. Izv. vys. ucheb. zav. ; av. tekh. 2 no. 4:64-69 '59.

Static design of a helicopter blade for bending in the flapping plane. M. B. Vakhitov. Izv. vys ucheb. zav. ;av. tekh. 2 no. 4:70-76 '59.

Transportation by helicopters out of deep pits. M. V. Vasil'ev. Izv. vys. ucheb zav. ; gor. zhur. no. 3:99-104 '59.

HELICOPTERS—PILOTING

At low altitude. P. Tarasov. Kryl. rod. 10 no.12,16 D '59.

In sharp competition. IA. Rostenko. Kryl. rod. 10 no.12:14-15 D '59.

Routine day, from an engineer's notebook. V V. Reznik Vest. Vozd. Fl no 12 66-71 D '59

HELIUM—SPECTRA

Effect of pressure on the intensity of some helium lines V E. IAkhontova, M I Kliot-Dashinskii Opt i spektr 7 no 4:446-453 O '59

Hot regions of helium excitation in the solar photosphere [with summary in English]. V. A. Krat, L. M. Pravdiuk Izv. GAO 20 no. 6 56-60 '59.

Spectrum analysis of argon-helium and argon-neon mixtures. I. I. Kotlik, L. S. Lomonosova Zav. lab. 25 no 12,1102 '59.

HELIUM—THERMAL PROPERTIES

Critical velocities for the flow of He II in capillaries. B. T. Gel'ikman. Zhur. eksp. i teor. fiz. 37 no. 3:891-893 S '59.

HELMHOLTZ, HERMANN LUDWIG FERDINAND VON, 1821-1894

Lazarev, P. P. [Helmholtz] Gel'mgol'ts. Moskva, Izd-vo Akad. nauk SSSR, 1959. 102 p

HELSINKI—EXHIBITIONS

Soviet Union industrial exhibition in Helsinki. Vnesh. torg. Zhur. no.36 10 11 D '59.

HEMOLYMPH

Formed elements in the hemolymph of Ixodid ticks. V. A. Tsvileneva. Dokl. AN Tadzh. SSR 2 no. 1:45-51 '59.

HEMOPHILIA

X-ray therapy in hemolytic osteoarthrosis; preliminary communication [with summary in English] E. Z. Novikova Probl gemat i perel. krovi 4 no 12:31-34 D '59.

HEMOPOIETIC SYSTEM

Effect of gamma rays on embryonic erythropoiesis A V. Bunsian Dokl AN SSSR 132 no 1 206-209 My '60

Study of the problem of hemopoiesis in occupational diseases V V Sokolov Gig truda i prof zab 3 no. 6 29-33 N D '59.

HEMORRHAGE

Case of expulsive hemorrhage with preservation of vision. I. I. Vrublevskii. Oft. zhur. 14 no. 7:430-432 '59.

Effect of aminazin on the organism in acute blood loss [with summary in English]. V. P. Rudain. Akush. i gin. 35 no. 6 65 72 N-D '59.

HEMORRHAGE, UTERINE

Blood coagulation system in patients with functional gynecological hemorrhages [with summary in English]. A. A. Radionchenko. Akush. i gin. 35 no. 6:79 84 N D '59.

HEMOSPORIDIA see subdivision under Kirghizistan

HEMP

Dust removal from scutching waste at hemp mills B Koradov, K. Sopelin Len i konop 4 no 11 45 N '59

Great celebration of the October Revolution Len i konop. 4 no 11 1 4 N '59.

Leonov, A. I. [Southern hemp] IUzhnaia konoplia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 168 p.
(DA)

Mechanization as means of lowering the cost of hemp A P Piltaev, V. I Ovsiannikov Len i konop 4 no 11 21-23 N '59

Using azotobacterin for southern hemp varieties and ambary hemp N. S Val'ko, I. M Riabchenko Len i konop 4 no. 11:35-36 N '59

HEPATITIS, INFECTIOUS

Clinical aspects of the acute infectious process in Botkin's disease. N. T. Starostenko, Zdravookhranenie 2 no. 5: 17 21 S-O '59.

Comparative studies on human and animal forms of hepatitis. A. K. Shubladze, V. A. Anan'ev. Sov. med. 23 no. 12:44-49 D '59.

Course of Botkin's disease in pregnancy. V. I. Osipova. Zdrav. Belor. 5 no. 12:14-17 D '59.

Dynamics of the isolation of sterkobilin in the feces in epidemic hepatitis (Botkin's disease) and its clinical significance. But Dai Vrach delo no 11 1185-1188 N '59

Infectious mononucleosis and its differential diagnosis from Botkin's disease. M. P. Mashtaler. Zdravookhranenie 2 no. 5:26-28 S-O '59.

Influence of Botkin's disease on the course and outcome of pregnancy. A. Z. Kocherginskii, S. IA. Iltinkis. Zdravookhranenie 2 no. 5:22-25 S-O '59.

True and false biliary syndrome in Botkin's disease and in some other forms of diffuse hepatitis. E. M. Tareev. Sov. med. 23 no. 12:49-56 D '59.

Two cases of Botkin's disease in premature infants. S. D. Dombek. Vop. okh. mat. i det. 4 no. 6:87 N-D '59.

HEPTANE

Effect of added amounts of magnesium oxide on the catalytic properties of molybdenum oxide - aluminum oxide catalysts in the aromatization of n-heptane. A. I Adzhiova Izv. vys. ucheb. zav , neft' i gaz 2 no. 11 89-91 '59.

Liquid - vapor equilibrium in the system methylcyclohexane - n-heptane. I. N. Bushmakin, N. P. Kuznetsova Zhur. prikl. khim. 32 no. 8 1751-1755 Ag '59.

Study of the liquid phase equilibrium in the system water-isooctane - aniline. A D. Shevelova. Izv vys. ucheb. zav; khim. i khim. tekh. 2 no. 6:881-885 '59.

HEPTENE

Polymerization of hexylenes and heptylenes on a phosphoric acid catalyst. E G. Vol'pova, A. V. Liuter. Khim. i tekh topl. i masel 5 no. 1:32-35 Ja '60.

HERBICIDES

Chemical weed control V. P Stupakov. Zashch. rast. ot vred i bol. 4 no 3 39-40 My Je '59

Herbicides as growth promoters F. A. Voliakov Len i konop 4 no 11 31-15 N '59

Sovastianova, M. I. [Herbicide for weed control in vegetable crops] Gerbitsidy v bor'be s sorniakami ovoshchnykh kul'tury. [Moskva] Mosk. rabochii, 1959. 18 p.
(DA)

HERBIVORA

Biomorphology of the liver in some herbivorous mammals. F. Kh. Khalilov. Nauch. dokl. vys. shkoly; biol. nauki no. 3:61-62 '60.

HERNIA

Clinical aspects of strangulated inguinal hernias in childhood [in Azerbaijani with summary in Russian]. K. I. Kafarov. Azerb. med. zhur. no 11:49-54 N '59.

Conversion of an inguinal-scrotal hernia into an inguinal one as a result of chronic appendicitis [in Azerbaijani with summary in Russian]. S. G. Salmanov. Azerb. med. zhur. no. 12:69-70 D '59.

Late results of a new improved method for surgery in femoral hernias. V. A Iskenderli. Dokl AN Azerb. SSR 15 no. 12:1177-1180 '59.

HEROES

Development of interest in the heroic by secondary school pupils [with summary in English]. M F. Beliaev, V. A. Permiakova. Vop. psikhol. 5 no. 6:55 61 N-D '59

[Eternally in the ranks] Navechno v stroiu. Moskva, Voen. izd-vo M-va obor. SSSR.
Vol. 2, 1959. 103 p.

This is how heroes are born. A Sgibnev Voen. znan 35 no 5:24-25 My '60

HEROES IN LITERATURE

A hero of our time. Moskva 3 no. 10:3-5 '59.

HERPES ZOSTER

Some peculiarities in the clinical aspects of herpes zoster of the oral mucous membrane. K. A. Orlova. Stomatologiia 38 no. 6:16-18 N-D '59.

HERRING see subdivision under Azov, Sea of, Sakhalin

HERRING FISHERIES see subdivision under Atlantic Ocean

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

Hertzen's acquaintance with the works of Nizami [in Azerbaijani with summary in Russian]. D. Mustafaev, Dokl. AN Azerb. SSR 15 no. 11:1077-1080 '59.

HETEROPTERA

Larvae of the families Coreidae and Aronocoridae (Coreoidea, Heteroptera) in European Russia [with summary in English]. V. G. Putshkov. Dop. AN URSR no.10:1156 '59.

HETEROSIS

Making use of heterosis in cotton growing. K. Vysotskii. Khlopkovodstvo 9 no. 12:43-45 D '59.

HEXADECANONE

Effect of palmitic acid ketones on function of the endocrine organs. E. P. Samborskaia. Akush. i gin. 35 no. 6:25-27 N-D '59.

Some pharmacological characteristics of a ketone of palmitic acid. T. I. Lygina. Akush. i gin. 35 no. 6:23-25 N-D '59.

HEXADECENOL

Synthesis of analogs of geraniol, farnesol, geranylgeraniol, isophytol and phytol. I. N. Nazarov and others. Zhur. ob. khim. 30 no. 4:1166-1170 Ap '60.

HEXAMETHYLENIMINE

Hexamethyleneimine derivatives. Part 5: Esters of β- N-hexamethyleneaminoethyl alcohol. G. S. Kolesnikov, A. G. Smirnova. Zhur. ob. khim. 30 no. 4:1153-1155 Ap '60.

HEXANE

Adsorption of benzene and n-hexane vapors on magnesium hydroxide [with summary in English]. A. V. Kiselev, D P. Poshkus. Koll. zhur. 21 no. 6 653-663 N-D '59.

HEXENE

Polymerization of hexylenes and heptylenes on a phosphoric acid catalyst E. G Vol'pova, A V Liuter Khim i tekh topl i masel 5 no 1·32-35 Ja '60.

HEXOSES

Study of serum glycoproteids (hexose) in pulmonary tuberculosis [with summary in English] A TS Anasashvili Klin med 37 no 12 89-93 D '59

HEXYNEDIOL

Reaction between anhydrous aluminum chloride and the diacetate of 2, 5-diphenyl-3-hexyne-2, 5-diol [in Georgian with summary in Russian]. N. K. Iremadze, R M. Lagidze Trudy Inst. khim. AN Gruz. SSR 14:159-164 '58.

HIBERNATION

Winter sleep. A. Fedorenko. Znan. ta pratsia no. 12:27 D '59.

HIDES AND SKINS

(see also subdivision under Saint Louis, Mo)

Consultation E. Gaevoi, A. Anfimov. Mias. ind. SSSR 30 no 2·51-52 '59

Correction to Stepanov's suggestion. M. Shchurov. Mias. ind SSSR 30 no 2:20 '59

Erroneous suggestions. N. Seliakov. Mias. ind. SSSR 30 no 2·21 '59

Mathematical analysis of the hide-brining process. N. Fedorov Mias ind SSSR 30 no. 2:45-47 '59.

Results of research on swine skins. A. Eremeev. Mias. ind SSSR 30 no 2:23 '59

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGHER EDUCATION see Education, Higher

HINDI LANGUAGE—WORD FORMATION

Akademiia nauk SSSR. Institut vostokovedeniia. [Hindi and Urdu; problems in lexicology and word formation] Khindi i urdu, voprosy leksikologii i slovoobrazovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1960. 246 p.

HIP JOINT—DISEASES

Severe flexor-adductor dermatodesmogenous contracture of both hip joints [with English summary in appendix]. M. I. Sinilo. Ortop., travm. i protez. 20 no 11:76-78 N '59.

HIP JOINT—DISLOCATION

Early detection and early treatment of congenital dislocation of the hip in children T A. Brovkina Ortop , travm i protez 20 no 4 6-11 Ap '59

Immediate and late results of conservative therapy of congenital hip dislocations in children [with English summary in appendix]. V. S Kharchenko. Ortop., travm. i protez. 20 no 11:54-57 N '59

Morphological changes in coxofemoral joints in congenital dislocation in premature infants with multiple congenital developmental defects K. A. Krumins, Kh. J. Voskis. Ortop , travm. i protez. 20 no. 4·68-70 Ap '59.

Restorative therapy following open fixation of congenital hip dislocations [with English summary in appendix]. M. Bal'zar. Ortop., travm. i protez. 20 no 11·57-62 N '59

Three cases of traumatic hip dislocations in children. N. P. Lipshina. Ortop., travm. i protez. 20 no. 4·92 Ap '59

HIP JOINT—FRACTURE

Use of a three-bladed nail in fractures of the femoral neck A V. Rutskii, E IA. Breigin. Zdrav Belor 5 no 12:44-45 D '59

NE

iemistry of arginine and histidine in muscle tissues summary in English] M E. Struve Arkh. anat mbr. 37 no 10:48-61 O '59

MUSEUMS see subdivision under Rakhov Shanghai

L MUSEUMS—GUIDEBOOKS see sub- under Moscow

L RESEARCH

subdivision under Armenia, Siberia; Soviet Ukraine)

Vop ist. KPSS 4 no 3 235-236 '60

f party archives, a review of their seven-year V Anikeev Vop. ist KPSS 4 no 3 191-195

IAPHY

Russian history. Soviet interpretations of past" [in English]. Reviewed by L. V. Danilova, lov. Ist. SSSR 3 no. 6·188-200 N-D '59.

Trukhanovskii, V. G., ed. [Against falsification of history; a collection of articles] Protiv fal'sifikatsii istorii, sbornik statei. Moskva, Sotsekgiz, 1959. 446 p. (MH)

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY, CURIOSA AND MISCELLANY

Historical news. Prep. ist. v shkole 14 no. 6·122-125 N-D '59.

HISTORY—PERIODICALS

The journal "Voprosy istorii" during 1960. Ist. SSSR 3 no 6·178-182 N-D '59.

Leading journal of Soviet historians. L. P. Borisov. Sov. etn no. 6,209 N-D '59.

The leading journal of Soviet historians. Vest. ist. mir. kul't. no. 6 148 N-D '59.

HISTORY—PHILOSOPHY

Historical materialism and the technological concept of social and historical development. G. Z. Kasavina. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4: 115-125 '59.

How V. I. Lenin worked out the Marxist methodology of the history of philosophy. M. I. Sidorov. Vop. filos. 14 no. 4: 96-105 '60.

Marxism-Leninism on the historical role of the masses. A S Shakirzade Trudy Sekt. filos AN Azerb SSR 1:5-57 '58

HISTORY—STUDY AND TEACHING

Attendance-correspondence schools for working youth. I. Z Ozerskii. Prep. ist. v shkole 14 no. 6·37-40 N-D '59.

Catchwords in modern history classes. I. E. Dogad'ko. Prep. ist. v shkole 14 no. 6 85-90 N-D '59.

Characteristics of the work in schools for working youth. F R Filippov. Prep. ist. v shkole 14 no. 6 35-37 N-D '59.

Coordinating the courses on current history and the history of the U. S. S. R I. P Rakhmanova. Prep. ist. v shkole 14 no. 6.73-81 N-D '59.

Discussing the resolution of the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. on teaching history. Sov. pedag. 23 no. 12:146-149 D '59.

Extracurricular work on literature. A. A. Bogushovskaia. Sred. spets. obr. 6 no. 11·46-48 N '59.

For a new advance in the quality of historical education in Soviet schools. A. T. Kinkul'kin. Sov. pedag. 24 no. 1: 24-31 Ja '60.

Grading of written tests on the history of the U. S. S. R. N. I. Kasatkin. Sred. spets. obr. 6 no. 11:41-43 N '59.

Most important stage in the improvement of historical education in schools. Prep. ist v shkole 14 no. 6:5-15 N-D '59.

New program for the fifth grade. V. P. Gus'kov, A. Z. Red'ko. Prep. ist. v shkole 14 no. 6·45-48 N-D '59.

Organizing home work. B. E. Bitelev. Prep. ist. v shkole 14 no. 6·49-52 N-D '59.

"Outline history of the First and Second Internationale," a teacher's manual, by I. M. Krivoguz, S. M. Stetskevich. Reviewed by V. K. Kondrat'eva. Prep. ist. v shkole 14 no. 6:105-109 N-D '59.

Rodin, A. F. [Extracurricular reading on history in grades 5-7] Vneklassnoe chtenie po istorii v V-VII klassakh. Por red. S. D. Skazkina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 125 p.

Role of a history teacher in character training. V. F. Gavrilov. Prep. ist. v shkole 14 no. 6;52-54 N-D '59.

Role of methodological study rooms in the work of history teachers. I I. Litvikh Ukr. ist. zhur. 3 no. 6;107-110 N-D '59.

Schools need new historical maps. I. Ozerskii, V. Gus'kov. Nar. obr. no. 5;76-82 My '60.

Section of history teachers. Rad. shk. 36 no. 12·53-55 D '59.

Some changes in the school history curriculum; resolution of the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. of October 8, 1959. Prep. ist. v shkole 14 no. 6,3-4 N-D '59.

Some problems of teaching current history in 1958-59 school year. V. A. Orlov. Prep. ist. v shkole 14 no. 6: 55-61 N-D '59.

Studying the history of our great country V F Sivachuk Sred spets. obr 6 no 12 52 D '59

Tasks of history in the light of decisions of the 21st Congress of the CPSU. M. P. Kim. Ist. SSSR 3 no. 2: 3-23 Mr-Ap '59.

Teaching history in schools. M. S. Vasil'eva. Nach. shkola 28 no. 1;31-34 Ja '60.

Work in the eleven-year school. V. I. Kaliuzhnyi. Prep. ist. v shkole 14 no. 6;41-44 N-D '59.

Working on the concept "General crisis of capitalism," V. V. Boikov. Prep. ist. v shkole 14 no. 6;62-72 N-D '59.

HISTORY, ANCIENT—STUDY AND TEACHING

Interpretation of cultural problems during history classes in the fifth grade of eight-year schools. H. I Pidluts-kyi Ukr. ist. zhur. 3 no. 6:96-107 N-D '59.

Study of ancient history in the U. S. S. R. A. M. Dombrovskii. Vest. Inst. po izuch. SSSR no. 3 72-84 Jl-S '59.

HISTORY, MODERN—PERIODICALS

Toward new achievements in studying the history of foreign countries. F. Potemkin, V. Ermolaev, E. Cherniak Kommunist 37 no. 8·111-116 My '60.

HISTORY, MODERN—STUDY AND TEACH

"Current history; teachers' aid for [illegible] Reviewed by A V Santsevich. Prep. ist. [illegible] no. 6 100-103 N-D '59.

HO, CHI-MINH, 1894-

My way to Leninism. Ho Chi-minh. [illegible] no. 2·19-20 '60.

HOCKEY

Bigtime hockey IU Lukashin, B Khavin [illegible] 29 no 11 26-28 N '59.

Close approach. E. Babich. Sp. igry [illegible]

International hockey matches with a ball [illegible] no. 12·26 D '59.

Lessons of high-grade hockey K Vlasov [illegible] 37 no. 1·17 Ja '60.

Puck in play K. Vishnevetskii Smena [illegible] '59

HODGKIN'S DISEASE

Severe case of lymphogranulomatosis [illegible] treated with dopan [with summary in English] E. V. Poslavskii, I M. Lekalkov. Probl. [illegible] krovi 4 no. 12:45-46 D '59

HOISTING MACHINERY

We are not satisfied with pipe elevators [illegible] ground repair of wells M I Latsev. [illegible] no. 11:11 N '59.

HOISTING MACHINERY—BRAKES

Industrial testing of braking devices for [illegible] machines. A. S. Solov'ev, O. B. [illegible] rab. stud. LGI no. 2;125-134 '57.

HOLIDAYS see subdivision under China

HOLY WELLS

Fables about "holy" springs A [illegible] zhyttia 8 no 5 41-43 My '59.

HOME AND SCHOOL

Closer contact with children's chambers at [illegible] stations. N Dikman Sem'ia i shkola [illegible] '60.

Create parent councils. B. Zimin. Sem'ia [illegible] no. 12:1-2 D '59.

Elect auditing commissions and boards [illegible] chleve. Sem'ia i shkola 15 no 1 20 Ja '60

Five remarks. O. Glukhova. Sem'ia i [illegible] 2 D '59.

Guardianship or cooperation? Pavlov [illegible] 15 no 1 20 Ja '60

Heartfelt thanks from parents! Sem'ia i [illegible] 6 Ja '60

Necessary corrections. Z. Tal'kovich [illegible] 15 no. 1 19-20 Ja '60.

Suggestions of the parent school workers. [illegible] Sem'ia i shkola 14 no. 12;3 D '59.

"What have we learned?" L. TSenarskii [illegible] 15 no. 1 23 Ja '60.

Wishes of parents-collective farmers. A. [illegible] Sem'ia i shkola 14 no. 12;1 D '59.

HOME ECONOMICS

Fedorova, N. V., ed. [Housekeeping and [illegible] Domovodstvo. Kulinariia; 350 poleznykh [illegible] [Tula] Tul'skoe knizhnoe izd-vo, 1959. 278 [illegible]

Household hints. Kolh. Ukr. 6 no 12 [illegible]

Useful advice Belarus' 16 no. 11 20 N [illegible]

Useful advice. Belarus' 16 no. 12;20 D [illegible]

Useful information. Sem'ia i shkola 14 [illegible]

HOMOPTERA, FOSSIL

(see also subdivision under Kuznetsk Basin)

Bekker-Migdisova, E. E. [New Permian [illegible] from the European part of the U. S. S. R.] [illegible] skie ravnokrylye Evropeiskoi chasti SSSR [illegible] Izd-vo Akad. nauk SSSR, 1960. 111 p. (Akad. [illegible] SSSR. Paleontologicheskii institut. Trudy, [illegible]

HONCHAR, OLEKSANDR TERENTIIOVYCH, 1918

Portrayal of heroes as a method of their psych[illegible] characterization in Oles' Honchar's novels [illegible] menchuk. Rad. lit. no. 6:26-36 N-D '59.

HONEY

Orzhovskii, M. D. [Honeydew, honeydew honey, and bees] Pad', padevyi med, pchely. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 82 p.

HONEYSUCKLE see subdivision under Kirovsk (Murmansk Province)

HOOKWORM DISEASE see subdivision under [illegible]

HOOKWORMS

Role of composting of organic wastes in the [illegible] ankylostomiasis and ascariasis [with summary in English] Sh I Gudzhabidze, S. D. Liubchenko [illegible] i paraz. bol 28 no. 5 576-578 S-O '59

HOPS

Effect of manganese on the glutathione content and dynamics of hops [with summary in English]. IU. V. Karabanov. Dop. AN URSR no.10:1162-1165 '59.

HORDIIENKO, KOST', 1899-

He is with his heroes. H. Lushko. Ukraina no. 23:20 D '59.

HORMONE THERAPY

Some problems in the rational use of hormone preparations in the compound treatment of brucellosis. IU. N. Gurskii. Sov. med. 23 no.12:72-80 D '59.

Symposium on problems of drug and hormone therapy of malignant tumors. IA M Telengator, L I Korenevskii. Vrach delo no. 11:1215-1217 N '59

HORMONES, SEX

Recommendations for using hormonal methods in controlling barrenness of cows M M Zavadovskii Biul nauch -tekh inform VIZH no. 1 27-29 '57.

HORNBLENDE see subdivision under Gornaya Shoriya

HORNTAILS

Types of horntail mines and regularities of larval behavior determining the form of their mines in wood. P. M. Rafes. Dokl. AN SSSR 132 no. 2:478-480 My '60.

HORSE BREEDING

(see also subdivision under Sal'sk District)

Budennyi, S. M., comp. [Book of the horse; breeding in horse raising and on the stud farm] Kniga o loshadi, plemennaia rabota v konevodstve i konnozavodstve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 443 p.

HORSERADISH

Horseradish. M. Usatiuk. Obshchestv. pit. no. 10:23-25 O '59.

HORSETAIL, FOSSIL see subdivision under Sangar region

HORSES

Skeleton of the tarpan (Equus caballus gmelini Ant) and other wild horses of the present. Pt. 1 [with summary in English] Vera Gromova. Biul MOIP. Otd biol. 64 no 4:99-124 Jl-Ag '59.

HORSES—PARASITES see Parasites—Horses

HOSE

Calculating pressure hoses having wire braids. A. T. Sukharev, V A. Lepetov Kauch. i rez. 18 no. 11:43-47 N '59

Coverings for injection hoses used in structural drilling. I. Branzburg. Neftianik 3 no. 8:20 Ag '58.

Using drilling hoses for binding slush pumps. N. R. Akopian, A. N. Lobkin. Neftianik 3 no. 9:19 S '58.

HOSIERY, NYLON

Manufacturing nylon socks by a single-process method on cotton knitting machines without a jacquard apparatus. L. P. Ignatova, D T. Braga, L. K. Vashchinskii. Izv vys ucheb. zav ; tekh. leg. prom no. 5:128-139 '59

HOSPITAL PHARMACIES see subdivision under Sverdlovsk

HOSPITALS

Activity of a consolidated hospital. A. G. Palishevskii. Sov. zdrav. 18 no. 12:13-18 '59.

Importance of the community in hospital activities; practices of a public health group at the A. A. Ostroumov Hospital. P. V. Abashkina. Sov. zdrav. 18 no. 12:9-13 '59.

Review of O. A. Aleksandrov, V. A. Deriabina and B. M. Matsko's "Organization of the consolidated hospital." V. N. Emel'ianov. Sov. zdrav. 18 no. 12:41-43 '59.

HOSPITALS—ADMINISTRATION see subdivision under Ukraine

HOSPITALS—CONSTRUCTION

Standard designs for municipal and rural hospitals [with summary in English]. A. I. Shtreis. Sov. zdrav 19 no. 1:30-36 '60

HOSPITALS—OUTPATIENT SERVICES

The Polyclinic section is the basis of the consolidated hospital. IU. N. Gordon, T. V. D'iakova, A. P. Pluzhnik. Sov. zdrav. 18 no. 12:3-6 '59.

HOSPITALS—STATISTICS

Number of hospital beds outside of hospitals in the autonomous republics, territories and provinces at the end of the year. Zdrav. Ros. Feder. 3 no. 12:42-43 D '59.

Number of hospital beds (outside of hospitals) per 10,000 population in the autonomous republics, territories, and provinces at the beginning of 1959. Zdrav. Ros. Feder. 3 no. 12:44 D '59.

HOTBEDS

Calculations for electrical heating installations in hotbeds V. G. Arutiunov. [Nauch. trudy] VIESKH 3:198-208 '58.

Calculations for the automatic temperature regulation system in hotbeds. A. A. Glebovich, L. I. Al'skaia. [Nauch. trudy] VIESKH 3:209-221 '58.

Heating manure in hotbeds M. N Goncharik Sad i og 97 no. 12 21-22 D '59

It is practical to replace the soil of hotbeds with peat. E. Abele Sad i og 97 no 12:22-23 D '59

HOT-WATER HEATING

Air discharger for hot-water heating systems. P. Pakhomov. Stroi i arkhit 7 no 12:26 D '59

Kitchen stoves with boilers. G. Storozhenko. Zhil. stroi. no. 12:20 '59.

HOTELS, TAVERNS, ETC.

Improve the administrative apparatus of the communal economy. M. Dorokhov. Sots. trud no. 12:77-81 D '59.

HOURS OF LABOR

(see also subdivision under Kazakhstan; Lvov Province)

All enterprises should be well prepared for the conversion to the seven-hour workday Poligr proizv no 12 1-2 D '59

The collective transferred to the seven-hour shift. Sov. profsoiuzy 16 no. 7:47-49 Ap '60.

Cut down on the loss of work time N Vaikov Sots trud 4 no 11 136-137 N '59.

The introduction of the seven-hour work day in industrial establishments during the period of 1928-1932. A. P. Finarov. Ist. SSSR 3 no. 6:107-111 N-D '59.

Let us organize to switch over to the seven-hour working day A E. Eserin, S. S Remennikov. Elek i tepl. tiaga 4 no. 1 1-3 Ja '60

The main thing is to be well prepared. A. Shaffer. Nar. khoz. Kazakh. no. 11:35-39 N '59.

One hour earlier... T. Hatovskaia. Smena 36 no. 24:16 D '59.

Preparation for the change-over to a shortened workday. N. Vasenin. Obshchestv. pit. no. 12:1-2 D '59.

The seven-hour workday at a Moscow reinforced concrete plant. T. Zlatopol'skaia. Sots trud no. 12 113-115 D '59.

Shortened workday in the plants; review of articles. Sots trud 4 no 11:130-134 N '59

When shall we conclude our change-over to the 7- and 6-hour workday and regularize the wages of Soviet workers and employees? V pom polit. samoobr. 3 no. 12:107-109 D '59.

Working and rest time of inland water transportation workers. B. Kalinin. Sots. trud 4 no. 7:137-139 Jl '59.

HOUSEHOLD APPLIANCES see subdivision under Moldavia

HOUSEHOLD APPLIANCES, ELECTRIC see subdivision under Finland

HOUSEHOLD FURNISHINGS see subdivision under Odessa

HOUSING

(see also subdivision under Denmark; Moscow)

Improve the administrative apparatus of the communal economy. M. Dorokhov. Sots. trud no. 12:77-81 D '59

Making an inventory of residential dwellings. G. Abrahamian, I. Kiriushkin. Sov. deput. trud. no. 12:92-94 D '59.

Results of sanitary-hygienic investigation of new multistory apartment in Tashkent. S. A. Deizin, T. F. Morzhanova, U. IA. IAkubova. Gig. i san. 21 no. 12:73-74 D '59.

HOUSING—FINANCE

More about reducing losses in communal housing and services. M. Roze. Fin. SSSR 21 no. 4:76-79 Ap '60.

HOUSING—LAW AND LEGISLATION

Skripko, V. R. [Protection of the housing rights of citizens] Okhrana zhilishchnykh prav grazhdan. Moskva, Gos. izd-vo iurid. lit-ry. 1959. 68 p.

HOUSING FOR PHYSICALLY HANDICAPPED

Development of social insurance organizations. Sots. obesp. 20 no. 12:23-26 D '59.

New standard plans of a house for physically handicapped F. Babushkina, L. Shekhman Sots. obesp 20 no. 11 36-40 N '59

"Pensioners inspect and old-age home." A. Timonin, S. TSvetkov, Kh. Gavrilov. Sots. obesp. 20 no. 12:59-60 D '59.

HRABOVS'KYI, PAVLO ARSEN'OVYCH, 1864-1902

Kysel'ov, O. H. [Pavlo Hrabovs'kyi; his life and works] Pavlo Hrabovs'kyi; zhyttia i tvorchist'. Kyiv, Derzhlitvydav, 1959. 281 p.
(MIJ)

Pavlo Hrabovs'kyi in Tobol'sk. M. F. Murashov. Rad. lit. no. 6:137-141 N-D '59.

HUBENKO, PAVLO MYKHAILOVYCH, 1889-1956

Man with a generous heart. Mykhailo Kolomiichenko. Dnipro 34 no. 12:131-138 D '59.

HUCULS

Peasant costume in Rakhov District. O. F. Komandrov. Nar. tvorch. ta etn. 3 no. 3:62-68 Jl-S '59.

HULAK-ARTEMOVS'KYI, PETRO, 1790-1865

Our anniversary calendar. Nauka i zhyttia 9 no. 12:62 D '59.

HULLS (NAVAL ARCHITECTURE)

Critical stiffness of ribs reducing plate vibration. N. L. Moshenskii. Trudy LKI no. 16:31-37 '55.

Investigating hydromechanical characteristics of new passenger ships for inland navigation. V N Anfimov, V I. Kovalev Trudy TSNIIRF no 39 62-109 '59

Large-scale sagging of plates in one particular case of bearing edges fastened asymmetrically in relation to the center V. A. Postnov. Trudy LKI no 16:21-33 '55.

Nonlinear forced oscillations of prismatic rods and extended rectangular plates under the effect of the harmonic vibration of stanchions. V. S. Kalinin. Sudostroenie 25 no. 12:11-16 D '59.

Resistance of hull bottom plating considering the effect of solid floors. IA I. Korotkin. Trudy LKI no. 16:11-20 '55.

Selecting the size of angular welded joints in hull construction V. D. Matskevich Trudy LKI no. 16:96-101 '55.

Stress concentration at the ends of stretched reinforcement straps. N V. Kurdiumova. Trudy LKI no. 16:39-49 '55.

HULLS (NAVAL ARCHITECTURE)—WELDING

Galkin, V. A. [Device for assembling and welding hull structures] Prisposobleniia dlia sborki i svarki korpusnykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 133 p.

HUMERUS—FRACTURE

Intramedullary nailing in pathological fractures of the femur and humerus [with summary in English] I. I. Sokolov. Vest. khir. 83 no. 11:33-36 N '59.

HUMIC ACID

Investigation of so-called humic acids from fresh-water sapropels N. M Karavaev, N F Budiak Dokl AN SSSR 132 no 1 188-191 My '60

HUMIDITY

Significance of heat and moisture advection in the formation of natural zones G D Rikhter Izv. AN SSSR Ser. geog no. 2 5-9 Mr-Ap '60.

HUMUS

(see also subdivision under Klyaz'ma Valley; Rostov Province)

Characteristics of the organic matter of meadow-Chestnut soils in connection with their systematic position [with summary in English]. I. V. Vishnevskaia. Pochvovedenie no. 11:49-57 N '59.

Comparative characteristics of organic matter in soils of the open steppe and analogical soils under forest stands. P. E. Solov'ev, A. P. Barsukova Vest. Mosk. un. Ser. biol., pochv., geol., geog 14 no. 2:59-68 '59.

How the concentration of organic substances in soil affects the growth of pine plantations. V. N. Ovchinnikin, T. N Kanitskaia Izv. vys. ucheb. zav., les. zhur. 2 no. 5: 15-23 '59.

Some characteristics of humus in Chernozem soils as related to the composition of vegetation and the nature of the carbonate horizon. E. S Mignunova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:69-74 '59.

Structure of soils of the light-colored Chestnut complex and the nature of humus substances. V. K Orlova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:75-84 '59.

HUNAN PROVINCE—ADULT EDUCATION

Everybody studies in our plant. Chuan Yung. Druzhba no. 51:30 D '59.

HUNAN PROVINCE—MACHINERY INDUSTRY

Everybody studies in our plant. Chuan Yung. Druzhba no. 51:30 D '59.

HUNGARY—ASTHMA

Recent developments in science and technology. Nauka i zhyttia 9 no. 12:60 D '59.

HUNGARY—COMMERCE—POLAND

Important negotiations. V. Vershinin. Mezhdunar. zhizn' 7 no. 5:127 My '60.

HUNGARY—COURTS

Soviet lawyers in Hungary. V. Boldyrev, S. Borodin. Sov. iust. no. 12:36-40 D '59.

HUNGARY—ECONOMIC CONDITIONS

Moscow. Institut mezhdunarodnykh otnoshenii. [Fifteen years of free Hungary] 15 let svobodnoi Vengrii. Moskva, Izd-vo IMO, 1960. 101 p.

Record to be proud of. Janos Brutyo. Vses. prof. dvizh. no. 4:25-28 Ap '60

HUNGARY—EVENING AND CONTINUATION SCHOOLS
On the job training of technicians in the Hungarian People's Republic M Szentvari Sred spets obr 6 no 12 56-58 D '59

HUNGARY—FLOUR MILLS
Hungarian small-sized flour mills G. Bardyshev Muk - elev prom 25 no 12 27-28 D '59

HUNGARY—FOREIGN RELATIONS—RUSSIA
Russo-Hungarian relations to the beginning of the 13th century. M.P Pavlushkova. Ist.SSSR 3 no.6 149-155 N-D '59.

HUNGARY—HYDROELECTRIC POWER STATIONS
A little about everything Nauka i zhyttia 8 no 5 53 My '58

HUNGARY—JUSTICE, ADMINISTRATION OF
Soviet lawyers in Hungary. V. Boldyrev, S. Borodin. Sov. lust. no. 12:36-40 D '59.

HUNGARY—LAND TENURE
Pushkash, A.I. [Struggle for agrarian reforms in Hungary during the period from 1944 to 1948] Bor'ba za agrarnye preobrazovaniia v Vengrii, 1944-1948 gg. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 310 p.

HUNGARY—MOTORBUSES
The "Ikarus-303" model motorbus. G. Liener. Za rul. 17 no 11:26 N '59.

HUNGARY—ORTHODOX EASTERN CHURCH
News of orthodox parishes in Hungary. Zhur Mosk Patr. no 3:26-28 Mr '60

HUNGARY—POLITICS AND GOVERNMENT
Moscow. Institut mezhdunarodnykh otnoshenii. [Fifteen years of free Hungary] 15 let svobodnoi Vengrii. Moskva, Izd-vo IMO, 1960. 191 p.

HUNGARY—PUBLIC HEALTH
Survey of summaries of articles from the Hungarian journal "Egészségtudomány," Nos. 1, 2, 3, 4, 1958. L. S. Tozanov. Gig. i san. 24 no. 12,76-79 D '59.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA
Meeting our Hungarian friends N A. Odaikin Sred spets obr 6 no 12 53 D '59

HUNGARY—REVOLUTION, 1918-1919—FICTION
Yesterday and today ("Janos Korbei" by Frigyes Karikas. Reviewed by V. Bushin). Moskva 3 no 10:212-213 '59.

HUNGARY—TRADE UNIONS
Record to be proud of. Janos Brutyo. Vsem. prof. dvizh. no. 4:25-28 Ap '60.

HUNGARY—WORLD WAR, 1939-1945
Tarasov, S. P. [Battle near the Lake Balaton; military and historical essay] Boi u ozera Balaton; voenno-istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 92 p.

HUNS
Gumilev, L. N. [The Huns; Central Asia in ancient Times] Khunnu, Sredinnaia Aziia v drevnie vremena. Moskva, Izd-vo vostochnoi lit-ry, 1960. 290 p.

HUNTING
(see also subdivision under Poland)

Answering readers' questions. Okh. i okh. khoz. 5 no. 11: 60 N '59.

Brief news. Okh. i okh. khoz. 5 no. 11:61 N '59.

"Hunting in our country." Reviewed by H. Kholin. Okh. i okh. khoz. 5 no. 11:52 N '59.

Letters to the editor. Okh. i okh. khoz. 5 no. 11:57-59 N '59.

Professional hunter, amateur hunter, and forester are the masters of hunting grounds. I. Salov. Okh. i okh. [illegible] 5 no. 11:11-12 N 59.

ACCIDENTS

. Sh. Sots. zakon. 36 no. 12:54-55 D '59.

MAPS

.ion and types of hunting maps. E. I. Soldatkin. (no. 36:73-78 '59.

rns. Okh. i okh. khoz. 5 no. 11:13-16 N

khotnich'i prostory;
"Fizkul'tura i

and family L. Marisova

59
. Nar. tvorch. ta etn.

HWANGHAE—ANTIQUITIES
Archaeological excavations in Di-Tap-Li T'o Yu Huo, Hwang Ki Tok Sov arkheol no 4 228-230 '59

HYBRIDIZATION, VEGETABLE
Results obtained from the interspecific hybridization of fruits and berries. Kh. K. Enikeev. Agrobiologiia no. 6,924-928 N-D '59.

HYDATIDS
(see also subdivision under Moldavia)

Eosinophilic and allergic reaction in echinococcosis [with summary in English] E. S. Martikian. Klin. med 37 no. 12:102-107 D '59

HYDERABAD—LAND TENURE
"Economic and social effect of jagirdari abolition and land reforms in Hyderabad" [in English] by A. M Khusro. Reviewed by A. A Maslennikov [with summary in English] Probl. vostokoved. no. 2:190-194 '60.

HYDRACRYLIC ACID
Fluorine-containing β-lactones. Report No. 1: β, β-bis-trifluoromethyl-β-propiolactone and its properties. I. L. Knunıants, IU. A. Cherburkov, Izv. AN SSSR Otd. khim. nauk no. 4:678-685 Ap '60.

HYDRATION
Problem of "bound" and "free" water. A. U. Gorbanev and others. Izv. AN SSSR Otd. khim. nauk. no. 3:570-571 '60.

Structure of aqueous solutions of electrolytes and the hydration of ions. O IA. Samoilov. Itogi nauki: Khim. nauki 4:46-54 '59.

HYDRAULIC CONTROL
Attachment for the hydraulic control of SU-24 drills. G. Kurnikov, D. Tarlavskii. Tekh. sov. kolkh., RTS, sovkhoz 20 no 22:12-16 N '59.

Hydraulic remote control system for boiler turboblowers. I. I. Malinovskii. Sudostroenie 25 no. 12:55-57 D '50.

Installing hydraulic equipment on potato planters for lifting furrow openers. M. Gorfinkel'. Tekh. sov. kolkh., RTS, sovkhoz. 20 no 22,7-11 N '50.

Shashkin, A. S. [Hydraulic systems of modern machines] Gidrosistemy sovremennykh mashin. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 111 p.

Testing cone crushers with a hydraulically regulated gape. F. F. Okulov, N. TS. Ryskina. TSvet. met. 32 no. 12:74 D '59.

HYDRAULIC ENGINEERING
(see also subdivision under Czechoslovakia; France; White Russia)

Agryzkov, N. A. [Injecting grouting into the gap behind the lining of hydraulic engineering tunnels] Nagnetanie za obdelku gidrotekhnicheskikh tunnelei. Moskva, Gos. energ. izd-vo, 1960. 45 p.

Comments on P. S. Neporozhnii's book "Constructing large plain and reinforced concrete hydraulic structures." A. A. Uginchus. Gidr. stroi. 28 no. 2:62-63 F '59.

Converting hydraulic installations to circulating water supply. A. N. Gordeev and others. Prom. energ. 14 no. 12:33 D '59.

Determining the height of tributary waves in canals of hydroelectric power stations having water-discharging structures. G. G. Pavlov. Gidr. stroi. 28 no. 4:43-45 Ap '59.

Determining the state of strain in slabs covering canal banks under the effect of ice frozen to the banks following a reduction of the water level. G. I. Zhelankin. Rech. transp. 18 no. 11,36-39 N '59.

Experimental investigation of the air entrainment of the flow in trapezoidal channels. O. V. Morin. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:63-72 '59.

From the pages of foreign journals. Gidr. stroi. 28 no. 2:60-62 F '59.

From the pages of foreign journals. Gidr. stroi. 28 no. 4:53-59 Ap '59.

Hydraulic calculations of bottom grates for water-intake installations to be built in the mountains. R. M. Khachatrian. Gidr. stroi 28 no 12:29-34 D '59

Measuring the interstitial pressure in the core of the Mingechaur Dam. T. F. Lipovetskaia. Gidr. stroi. 28 no. 4:33-36 Ap '59.

New method for designing curves of free current surfaces in open channels. G. A. Dzhimsheli. Gidr. stroi. 29 no. 12:34-37 D '59.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES
New machinery for underwater engineering. IU. I. Vavitskii, S. I. Levin. Rech. transp. 18 no. 12:40-43 D '59.

Use of reeds in hydraulic engineering (from "Die Wasserwirtschaft" no. 5, 1958). V. N. Gorinskii. Rech. transp. 18 no. 11:51-52 N '59.

HYDRAULIC JACKS
DG-08 and DG-06 hydraulic jacks. Put' i put. khoz. no. 12:28-29 D '59

HYDRAULIC MACHINERY
A. [illegible] SSR, M[illegible] khlı [illegible] classifiers i[illegible] particles] [illegible] tsionirovanie peskov i udalenie iz nikh glinistykh [illegible] its pri pomoshchi gidravlicheskikh klassifikatorov [illegible] skva, Gosstroiizdat, 1960. 35 p.

HYDRAULIC MINING
(see also subdivision under China; Kuznetsk [illegible])

Automatic valve with a ZDUI (ZDU2) hydrauli[illegible] control system. A. A. F[illegible]man. Ugol' [illegible] D '59.

A follow-up on published materials. Mekh. stroi. [illegible] no. 1:3 of cover Ja '60.

Hydraulic mining in the seven-year plan. K. [illegible] Mast. ugl. 8 no. 3:5 Mr '59.

Shashurin, S. L. [Opencast placer mining, manual for qualification improvement of workers] Razrabotka rassypei otkrytym sposobom; posobie dlia [illegible] kvalifikatsii rabochikh. Moskva, Gos. nauch.-tekhn. izd-vo lit-ry po gornomu delu, 1959. 208 p

Theoretical bases for estimating the water jet [illegible] the breaking-off of coal V. G. Geier. Ugol' [illegible] no. 12,1-5 D '59.

Two books on technological progress ("[illegible] B. Mikhailov, "Chemical methods of mining" [illegible] chenko. Reviewed by L. Skvortsov). [illegible] no. 12,21 D '59.

HYDRAULIC MODELS
Laboratory investigation of superficial hydraulic [illegible] damper. P. S. Nikerov. Rech. transp. 18 [illegible] D '59.

Using models in rating pressureless smoothly [illegible] currents in nonscouring channels. A. D. Al'ts[illegible] strol. 28 no. 2:40-51 F '59.

HYDRAULIC PRESSES
Dynamics of drive pump valves of hydraulic presses. V. M. Sinitskii. Vest. mash. 40 no. 1:49-51 Ja [illegible]

Rotating heads for hydraulic presses. V. I. [illegible] D. I. Vasil'ev, V. V. Gubarov. Kuz.-shtam. [illegible] no. 12:34-35 D '59.

Selecting the pressure of working fluids in hydraulic presses for plastics. E. F. Bogdanov. Izv. vys. ucheb. zav.; mashinostr. no. 5,167-173 '59.

HYDRAULIC PRESSES—TESTING
Investigating the rigidity of P415A hydraulic press [illegible] L. G. Nudel'man. Kuz.-shtam. proizv. [illegible] D '59.

HYDRAULIC STRUCTURES
Cellular hydraulic structures built of tubular re[illegible] concrete piles. V. Kh. Gol'tsman. Gidr. stroi. [illegible] 7-13 Ap '59.

Effect of surface-activating additives on frost re[illegible] of cement mortars with hydraulic additives [illegible] nitsyn, B. I. Khronov. Gidr. stroi 29 no 12 [illegible] '59.

From the pages of foreign journals. Gidr. stroi [illegible] no 12:46-58 D '59.

Ginzburg, TS. G., and A. M. Chistiakov. [Design[illegible] resisting anti-cavitation concretes] Proektir[illegible] iznosoustoichivogo protivokavitatsionnogo betona. Moskva, Gos. energ. izd-vo, 1959. 34 p. (Tekhn[illegible] skaia informatsiia)

Hydrodynamic calculation of drained aprons. Part I (with summary in English). P. F. Fil'chakov [illegible] mat zhur. 11 no. 4:393-407 '59.

Improve and reduce the cost of navigational stru[illegible] I. K. Chuprikov. Rech. transp. 18 no. 11:30-31 [illegible]

Reduce the cost of building navigational structures [illegible] Subbotin. Rech. transp. 18 no. 11:32-34 N '5[illegible]

Results of the discussion on basic norms and technical specifications for designing concrete and reinforced concrete construction elements for hydraulic structures. Gidr. stroi. 29 no 12:15-17 D '59

Transportation efficiency resulting from a complex [illegible] of hydraulic structures. G. M. Matlin. Rech. transp. 18 no. 12:33-36 D '59.

HYDRAULIC TURBINES
Designing the power portion for regulating the runner of a rotating-blade hydraulic turbine. Sh. P. Mikh[illegible] Energomashinostroenie 5 no. 11:25-29 N '59.

Effect of rotor wheel rims on the external characteristics of a reverse running transformer on a hydro-[illegible] transmission. N. K. Nagornaia. Sudostroenie 25 no. [illegible] 26-30 D '59.

Mechanical characteristics of hydraulic turbines. M. [illegible] Tagirov. [Nauch. trudy] VIESKH 3:263-291 '58.

Review of Sh. P. Mikhanovskii's "Designing the power portion for regulating the runner of a rotating-blade hydraulic turbine." L. I. Fridman and V. I. [illegible] Energomashinostroenie 5 no. 11:29-30 N '59.

HYDRAULIC TURBINES—STANDARDS
Hydraulic reaction turbine. P. N. Kuznetsov. Standartizatsiia 23 no. 12:41 D '59.

HYDRAULIC TURBINES—TESTING

Cavitation tests of the model of a Francis turbine in an open unit. I.N Pogrebennyi. Sbor. st CHPI no 12: 48-56 '59

HYDRAULICS

Calculations of imperfect wells in horizons of low permeability. V.A.Nepomniashchii. Razved. i okh. nedr 25 no 10:47 49 O '59.

Conditions governing the passage of the bottom flow through orifices of hydraulic structures. N P Kalesh. Gidr. i mel. 11 no.12 33-37 D '59.

Determining the velocities in tailraces below spillway dams (plane problem). IA.V.Timoshenko. Gidr. stroi. 29 no.2 36-40 F '60.

Effect of the hydraulic jump on the bottom of the channel. A.N.Rakhmanov. Gidr. stroi. 29 no.2:43-46 F '60.

Hydraulic resistance of regenerators with stone packing. S A Paptsov. Trudy LTIKhP 10:39-60 '58.

Methods of increasing the discharge capacity of orifices in hydraulic structures. I.S Antiferov. Gidr. i mel. 11 no.12:15 32 D '59

Pulsation of flow velocities at the conjunction of the headrace and tailrace. I.A.Sargirov. Gidr. stroi. 29 no 2: 41-42 F '60.

HYDRAZINE

Synthesis of hydrazine cobalt dicarbonate [in Georgian with summary in Russian]. P.V.Gogorishvili, L.D. Tsitsishvili. Trudy Inst. khim. AN Gruz. SSR 14:5 10 '58.

HYDRAZOIC ACID

Interaction between fluoroolefins and hydrazoic acid and the rearrangement of perfluoroalkenyl azides. I.L. Knuniants, E.G.Bykhovskaia. Dokl. AN SSSR 131 no.6:1338 1341 Ap '60.

HYDROBIOLOGICAL RESEARCH

Method of determining size and weight characteristics of invertebrate organisms serving as food of fishes. Report No. 2. E. V Borutskii. Vop. ikht. no 13:158-164 '59.

HYDROBIOLOGY

B. V. Perfil'ev's microzonal theory of silt formation and its significance and applicability in hydrobiology. N. K. Dokshakh. Nauch. dokl. vys. shkoly; biol. nauki no. 3: 48 60 '60.

HYDROBROMIC ACID

Addition of hydrogen bromide to 1,1-dichloro-2-propene in the presence of benzoyl peroxide. R.Kh.Freidlina, M.IA.Khorlina, A.N.Nesmeianov. Izv. AN SSSR Otd. khim. nauk no.4:660 664 Ap '60.

HYDROCARBONS

Analysis of mixtures of hydrocarbons C_5-C_7 by gas and liquid chromatography. D A. Kondrat'ev, M. A. Markov, Kh M. Minachev. Zav. lab. no 11:1301 1304 '59

Dehydrogenation of hydrocarbons on alumina-chromic catalysts containing some metal oxides. E. A. Timofeeva and others. Izv. AN SSSR Otd. khim. nauk. no. 3:480 483 '60.

Exchange reactions of chlorine containing telomers of diene hydrocarbons. Part 1: Reactions between some lower telomers of diene hydrocarbons and amines. A. A. Petrov and others. Zhur. ob. khim. 30 no. 4:1160-1165 Ap '60

High molecular weight aromatic petroleum hydrocarbons. I. D. Melik-Zade and others. Trudy Inst. khim. AN Azerb. SSR 17:148 157 '60.

High-temperature condensation of tetrachloroethylene with aromatic hydrocarbons and olefins. A. D. Petrov, G. I. Nikishin, G. V. Somov. Dokl. AN SSSR 131 no. 5: 1098 1101 Ap '60.

Individual aromatic and six-membered naphthene hydrocarbons of the Khodzhiabad gas condensate. K S. Nisarbaeva, R.Kh. Khodzhaev, L.L.Borova. Uzb. khim. zhur. no.6 65 71 '59

New tubular heaters for the conversion of hydrocarbon gases. V I. Zimenko, V. I. Klimenko. Trudy VNIIT no.8 113 152 '59

Organotin compounds and their use in the petroleum industry. IA. M. Sidodin. Proizv. smaz. mat. no. 5:63-71 '59.

One-component and binary systems of normal paraffinic hydrocarbons. N A Nechitailo, G. B Ravich. Itogi nauki: Khim. nauki 4:180 207 '59

Production of acetaldehyde, formaldehyde, and methanol by the oxidation of propane and butane in the United States. E. I. Khmel'nitskaia. Biul. tekh.-ekon. inform. no. 11: 64-67 '59

Preparation of aromatic hydrocarbons by the catalytic processing of products from the thermal cracking and pyrolysis of petroleum in the presence of synthetic aluminosilicates. A. V. Topchiev, G. M. Mamedaliev, S. M. Aliev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:938 945 '59.

Preparation of β-chloroethyl isopropyl, β-chloroethyl isoamyl, β chloroethyl hexyl, and β-chloroisopropyl isobutyl ethers from unsaturated hydrocarbons. A. K. Seleznev. Zhur. prikl. khim. 31 no. 4 620-624 Ap '58.

Refractive dispersion of petroleum fractions separated from aromatics. B. V. Ioffe, O. E. Batalin. Zhur. prikl. khim. 32 no. 12:2723-2731 D '59.

Role of the pressure in the gas phase oxidation of hydrocarbons [with summary in English] A. S. Badrian, N. S. Enikolopian, M S Furman. Zhur. fiz. khim. 33 no 12: 2687-2696 D '59.

Separation of organic substances from systems and method of determining their purity. G B Ravich, V. A. Vol'nova, N P Kuznetsova. Itogi nauki: Khim. nauki 4:219-230 '59.

Some considerations concerning the formation and decomposition of a carbamide complex. P. P Dmitriev, V. V. Isachev, M. F. Chernov. Uzb. khim. zhur. no. 6:74-82 '59.

Studying the aromatic hydrocarbons of kerosene fractions obtained from the Romashkino petroleum (Minnibayevo section) and Bavly field. E. A. Robinzon and others. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 11 99-105 '59.

Synthesis of aromatic hydrocarbons from Tuymazy gasoline by means of a two-stage aromatization. N. I. Shuikin, E. D. Tulupova. Izv. AN SSSR Otd. khim. nauk. no. 3: 490-494 '60.

HYDROCARBONS—ANALYSIS

Chromatographic analysis of C_6 hydrocarbon mixtures [with summary in English]. A. A. Zhukhovitskii and others. Zhur. anal. khim. 14 no. 6·721-728 N-D '59.

HYDROCARBONS—OPTICAL PROPERTIES

Resolution of racemic hydrocarbons into antipodes. E. I. Klabunovskii, V. V. Patrikeev, A. A. Balandin. Izv. AN SSSR Otd. khim. nauk. no. 3:552-553 '60.

HYDROCARBONS—SPECTRA

Analysis of hydrocarbon systems from mass spectra. K I Zimina, A. A Poliakova. Itogi nauki: Khim. nauki 4:208 218 '59

HYDROCHLORIC ACID

Dehydrohalogenation of certain silicon organic compounds and rearrangement of α, β-dichloroalkyltrichlorosilanes during their dehydrochlorination with aluminum chloride. V. F. Mironov, V. V. Nepomnina, L. A. Leites. Izv. AN SSSR Otd. khim. nauk. no. 3·461-468 '60.

Mechanism of the reaction between nitriles, carboxylic acids, and hydrogen chloride at a low temperature. E. N. Zil'berman. Zhur. ob. khim. 30 no. 4:1277-1281 Ap '60.

Reducing the specific consumption of hydrogen chloride in hydrolysis. N. V. Chalov, O. A. Aleksandrova. Gidroliz. i lesokhim. prom. 12 no. 8:12-14 '59.

Studying conditions of equilibrium of reactions between synthetic ferberite and hydrochloric acid. G A. Meerson, K IA Shapiro. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6·142-146 '59

HYDROCYANIC ACID

Preparation of polyfluorinated acids and their derivatives from polyfluoroolefins and hydrocyanic acid. A IA IAkubovich, A P Sergeev. Khim. nauka i prom. 4 no 5·682-683 '59.

Problem of a concentration standard for hydrocyanic acid in gas for domestic use. N. N. Zhukova. Trudy VNIIPS no. 4:125-129 '55.

HYDRODYNAMICS

Approximate study of wave-making resistance of a ship moving at supercritical speeds. A. M. Basin. Trudy TSNIIRF no 30:3-20 '59

Experiments in preventing local washouts beyond pipe culverts. K. A. Adylov. Izv. AN Uzb. SSR. Ser. tekh. nauk. no. 6:86-90 '59.

Measure of hydrodynamic pressure pulsations in a two-phase flow. M. S. Fomichev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:103-105 Mr-Ap '60.

Reduced friction resistance coefficients for the flow of a steam-water mixture in pipes. N. I. Semenov, B. I. Sheinin. Teploenergetika 7 no. 1:33-37 Ja '60.

Resistance coefficient in case of nonuniform flow of a liquid. V. K. Temnov. Sbor. st CHPI no. 12:45-47 '59.

Resistance of a cable towed behind the ship. V. I. Efromychev, S. B. Skvortsov. Trudy NIIGMP no. 8:30-54 '59.

Self-simulating motions with hydraulic waves in case of "shallow waters." G. I. Grodzovskii. Prikl. mat. i mekh 23 no. 6:1144-1145 N-D '59.

Some problems in the hydraulics of a flow with varying discharge in prismatic beds. K. I. Dolmatov. Izv. AN Uzb. SSR. Ser. tekh. nauk. no. 6:70-79 '59.

Stability of a convection boundary layer in a liquid filling a horizontal cylinder [with summary in English]. G. F. Shaidurov. Inzh.-fiz. zhur. no 12:68-71 D '59.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Angara River; China; Danube River; Georgia; Hungary, Pata River, Poland; Saint Lawrence River; Siberia, Transcaucasia; Zgorzelec; see also Bagram-Tapinskiy Hydroelectric Power Station; Bratsk Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station; Stalingrad Hydroelectric Power Station; Tsimlyansk Hydroelectric Power Station; Volga Hydroelectric Power Station)

Asynchronism of low-water capacity under conditions of seasonal regulation of stream flow. I P. Druzhinin. Probl. reg. rech. stoka no. 8:207-215 '59.

Calculating flow at low-capacity hydroelectric power stations in dams. V. S. Gvozdev, IU. P. Savinov. [Nauch. trudy] VIESKH 3;359-370 '58.

Determining the rate capacity predictability of hydroelectric power stations on the basis of flow data of the Oka and Yenisey Rivers. M P. Fel'dman, I P. Druzhinin, A. L. Velikanov. Probl. reg. rech. stoka no 8:105-188 '59.

Firm power of hydroelectric power stations; an example of technical and economic calculations. A. L. Velikanov. Probl. reg. rech. stoka no 8:189-206 '59.

"Free-flow underwater" hydroelectric power stations. B Kazhinskii. Tekh. mol. 27 no. 12 30 '59.

Hydrowingrotor power plant. V. Blinov. Tekh. v sel'khoz 20 no. 1:40-43 Ja '60

Investigating operating conditions of hydraulic structures of hydroelectric power stations with the help of control and measuring equipment. V. I. Chebotarev, A. N. IAkovlev. [Nauch. trudy] VIESKH 3:307-324 '58.

Investigating the unsteady flow in tail waters of the Golbov Hydroelectric Power Station. I. A. Gilinskii. [Nauch. trudy] VIESKH 3,349-357 '58.

Method of load distribution in the daily graph among hydroelectric power stations of local power systems. B. M Los', P. P. Denisov. Probl. reg. rech. stoka no. 8:216-256 '59

Methods for improving designs of river-channel hydroelectric power stations. B. K. Aleksandrov, N. A. Egorov, M. G. Oborotova. Gidr. stroi. 29 no. 4:1-7 Ap '60.

Modernized flow regulators for hydroelectric power plants. G. S. Kvachev, G. I. Mel'nichenko. Mekh. i elek. sots. sel'khoz. 17 no. 6:40-43 '59.

Neporozhnii, P. S., and A. I. Filakhtov. [Experience in building hydroelectric power units] Opyt stroitel'stva gidroenergouzlov. Kiev, Izd-vo Akad. nauk USSR, 1960. 349 p.

New designs of holding booms. E. I. Zal'kindson. Gidr. stroi. 29 no 12:17-19 D '59.

Reserve capacity and rated capacity predictability of hydroelectric power stations. E. A Elokhin. Probl. reg. rech. stoka no 8·65-104 '59.

Underground hydroelectric power stations with small power houses. A. A. Boldyrev. Gidr. stroi. 29 no. 4: 47-52 Ap '60.

Using precast monolithic cellular elements in constructing hydroelectric power stations. T. L. Varkhotov. Gidr. stroi. 29 no. 4:13-19 Ap '60.

HYDROELECTRIC POWER STATIONS—LABOR PRODUCTIVITY

Progressive forms of work organization used in constructing electric power stations. V. Goloviznin, S. Viner. Ekon. stroi. no. 12;40-50 D '59.

HYDROELECTRIC POWER STATIONS—MODELS

"Pionerskaia." G. Alova. Iun. tekh. 4 no. 11;35-39 N '59.

HYDROGEN

Automatic regulation of the hydrogen concentration during the purification of argon. B. V. Dentsbchuk, IU. A. Nashukovich. Kislorod 12 no. 6;51-53 '59.

Equilibrium between lead tungstate and hydrogen, and the thermodynamic characteristics of $PbWO_4$. I. A. Zharkova and others. Dokl. AN SSSR 131 no. 5;1130-1133 Ap '60.

Formation of negatively charged hydrogen ions on the surface of incandescent tungsten [with summary in English]. V. I. Khvostenko, V. M. Dukel'skii. Zhur. eksp. i teor. fiz. 37 no. 3:651-653 S '59.

Hydrogen-inflow apparatus. E. T. Kucherenko, O. K. Nazarenko. Prib. i tekh. eksp. no. 6:124-126 N-D '59.

Isolation of deuterium from hydrogen by the low temperature distillation method. M. P. Malkov and others. Kislorod 12 no. 6;1-13 '59.

Purification of hydrogen in a highly efficient mechanical absorber. L. IA. Seliverstova, F. I. Vittenberg. Masl.-zhir. prom. 26 no. 1;34-36 Ja '60.

Reversible hydride transfer and the reaction of isotopic exchange of hydrogen based on it. Z. N. Parnes, M. E. Vol'pin, D. N. Kursanov. Izv. AN SSSR Otd. khim. nauk no. 4:763 Ap '60.

The SEU-4m electrolysis unit for producing hydrogen. N. V. Nikolaeva, A P. Sannikov. Biul. tekh.-ekon. inform. no. 11·10-12 '59.

Some factors influencing hydrogen brittleness. I. V. Nikol'skii. Uch. zap. MGZPI 2;132-135 '59.

HYDROGEN—ANALYSIS

Micromethods of the quantitative determination of carbon, hydrogen and nitrogen in organic matters in reduced size tubes under vacuum. P. N. Fedoseev, T. E. Chernyshova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6: 899-903 '59.

HYDROGEN—ISOTOPES

Diffraction of X rays in polycrystalline samples of hydrogen isotopes [with summary in English]. V. S. Kogan, B. G. Lazarov, R. F. Bulatova. Zhur. eksp. i teor. fiz. 37 no. 3;678-683 S '59.

HYDROGEN—SPECTRA

Spectroscopic manifestation of intramolecular hydrogen bonds. G. D. Bagratishvili. Trudy Inst. khim. AN Gruz. SSR 14 69-97 '58

HYDROGEN HALIDES

Vapor pressure in the systems CaX_2 - HX - H_2O. L. S. Lilich, M. D. Anikieva. Zhur. neorg. khim. 4 no. 11 2530-2534 N '59

HYDROGEN-ION CONCENTRATION

Automatic control of pH in the production of corasole and aminazine. M A Portnov. Med prom 13 no 12:29-35 D '59

Determination of the acidity of ethyl alcohol. I. Z. Emel'ianova, G D Georgievskaia. Gidroliz i lesokhim. prom 12 no 8 15-16 '59

HYDROGEN PEROXIDE

Kinetics of the catalysis of H_2O_2 in the presence of Na_2WO_4 2 $SrCl_2$. Part 1 [with summary in English] I K Prokhorova, G A Bogdanov. Zhur fiz khim 33 no 12:2721-2728 D '59

HYDROGEN SULFIDE

Adsorption of carbon disulfide from the flue gases of carbon disulfide manufacture. Report No. 1: Adsorption of carbon disulfide from its mixture with hydrogen sulfide. R M Levit. Khim volok no. 5 57-62 '59.

Corrosion of metals in hydrogen sulfide at high temperatures. I. D. Grebeshkova, V. P Teodorovich. Khim. prom. no. 6 533-535 S '59.

Development of hydrogen brittleness in steel in aqueous solutions of hydrogen sulfide. S A. Balezin, I V Nikol'skii. Uch zap MGZPI 2 118-123 '59

Solubility of hydrogen sulfide in benzene at high pressures and temperatures. M I Levin, V V Ipat'ev, N I. Postnov. Khim i tekh topl i masel 5 no 1:17-18 Ja '60

Solubility of hydrogen sulfide in methanol at a low temperature. IA D Zel'venskii, A V. Strunina. Gaz. prom 5 no 1 42-47 Ja '60

HYDROGENATION

Activity and selectivity of a zinc catalyst in reactions involving the hydrogenation of the acetylenic bond to the ethylenic bond. L. Kh. Freidlin, V. I. Gorshkov. Izv. AN SSSR Otd. khim. nauk no. 4 739-744 Ap '60.

Catalysis of hydrogenation reactions by zinc. L. Kh. Freidlin, V. I. Gorshkov. Dokl. AN SSSR 131 no. 5: 1109-1112 Ap '60

Catalytic hydrogenation of furan compounds in a flow system under pressure. N. I. Shuikin, I. F. Bel'skii. Dokl. AN SSSR 131 no 5 1117-1119 Ap '60.

Effect of temperature on the selectivity of the hydrogenation of cottonseed oil. G D Minakova. Izv vys ucheb. zav., pishch. tekh no 5:81-87 '59

Homogeneous destructive hydrogenation of cresols at high hydrogen pressures. M. G. Gonikberg, Li Kuang-nien. Izv. AN SSSR Otd. khim. nauk. no. 3:498-504 '60.

Hydrogenation of glucose in the presence of a granulated skeletal nickel catalyst in a flow. E. M. Adaskin and others. Zhur. prikl. khim. 31 no. 4:595-601 Ap '58.

Hydrogenation of 2-ethylanthraquinone in the presence of a skeletal nickel catalyst. L. Kh. Freidlin, E. F. Litvin. Izv. AN SSSR Otd. khim. nauk no. 4:734-738 Ap '60.

Hydrogenation on nickel catalysts prepared by the decomposition of oxalates. I. B. Rapoport, IU. V. Vysheslavtsev. Zhur. prikl khim. 32 no 8 1738-1743 Ag '59.

Mechanical strength of aluminum-nickel catalysts for the process of destructive hydrogenation. IA. R. Katsobashvili and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl no. 2 159-164 Mr-Ap '60

HYDROGENOLYSIS

Kinetics of hydrodesulfuration reactions. R. D. Obolentsev, A. V. Mashkina. Dokl. AN SSSR 131 no. 5:1092-1095 Ap '60.

HYDROGRAPHY

Sea level reduction to a single post datum with the exclusion of secular variations. IU. V. Preobrazhenskii, M. V. Remezova. Trudy GOIN no. 37:94-154 '59.

HYDROLOGY

(see also subdivision under Amangel'dy District, Baltic region, Black Sea; Caspian Sea; Denmark, Straits of, Dnieper River, Dniester River; Laska Valley, North Sea)

Calculation of annual precipitation, evaporation, and runoff variations. N P. Chebotarev. Trudy UkrNIGMI no 18 136-148 '59.

Fedoseev, I. A. [Development of continental hydrology in Russia] Razvitie gidrologii sushi v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 300 p.

Method of observing the hydrology of mountain glaciers. N. N. Pal'gov. Trudy Sekt. geog. AN Kazakh. SSR no. 5: 98-110 '59.

HYDROLOGY—TABLES, CALCULATIONS, ETC.

Determining rated hydrological parameters of rivers which have not been studied. A. V. Rogachev. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6: 135-139 '59.

HYDROLYSIS

Automatic control of hydrolysis production. A. M. Vertkin. Gidroliz. i lesokhim. prom. 12 no 8:25-27 '59.

Basic trends in the development of new techniques in the hydrolysis and alcohol industries using sulfite liquors. M. I. Mikhailov. Gidroliz. i lesokhim. prom. 12 no. 8: 1-4 '59

Diffusion of sugar in the hydrolysis of wood. A. I. Mudretsov, V N Kozlov. Izv vys ucheb zav., les zhur 2 no 6 123-131 '59

Organization of hydrolysis laboratory. M. I. Goriaev. Vest AN Kazakh SSR 15 no 11:96 N '59

Reducing the specific consumption of hydrogen chloride in hydrolysis. N. V. Chalov, O. A. Aleksandrova. Gidroliz. i lesokhim. prom. 12 no. 8 12-14 '59

Resources and means of lowering the production costs at the Kansk Hydrolysis Plant. A. I. Kozlov, S. A. Kan. Gidroliz. i lesokhim prom. 12 no. 8 23-24 '59.

Speeding up the hydrolysis of cellulose by grinding. V. I. Sharkov, O. A. Dmitrieva. Trudy LTA no. 87,33-38 '59.

HYDROMETEOROLOGY see subdivision under Caucasus, Georgia, Minsk

HYDROQUINONE

Oxidation of hydroquinones to quinones. V. A. Zagorevskii, D. A. Zykov. Zhur. prikl. khim. 32 no. 12: 2815-2816 D '59.

HYDROSTATISTICS

New method for determining pressure in a liquid. A G. Bagdoev. Dokl AN Arm SSR 29 no. 4:153-157 '59

HYDROXIDES

Coprecipitation of small amounts of cadmium with certain metal hydroxides. V. I. Plotnikov. Zhur. neorg khim. 4 no. 12:2775-2778 D '59.

HYDROXYLAMINE

Determining and isolating scandium by means of n-benzoylphenylhydroxylamine. I. P. Alimarin, Chein Yün-Hsiang. Zav. lab. 25 no. 12 1435-1437 '59.

HYGIENE

Lessons in grade 4 on the subject "The human body and its care." P. A. Zavitaev. Nach. shkola 27 no. 12, 83-85 D '59.

HYGIENE, RURAL see Public health, Rural

HYGIENE, VETERINARY see Veterinary hygiene

HYGROMETRY

Aircraft dew-point hygrometer with automatic dew point recording. A. M. Gromov. Izv. AN SSSR. Ser. geofiz no. 4 620-625 Ap '60.

HYMENOPTERA

Development of hymenopterans and morphological regularities of evolution [with summary in English]. O M Ivanova-Kazas. Vest. LGU 15 no. 9 71-84 '60.

HYPERFRAGMENTS—DECAY

Nonmesonic decays of hyperfragments [with summary in English]. I. B. Berkovich and others. Zhur. eksp. i teor. fiz. 37 no. 3:604-610 S '59.

HYPERTENSION

Averbukh, E. S., ed. [Nervous and mental disturbances in hypertension] Nervnye i psikhicheskie narusheniia pri gipertonicheskoi bolezni. [Leningrad] Medgiz, 1959. 351 p.
(DNLM)

Decrease in thyroid gland function in hypertension under the influence of certain substances. V A. Kardash. Zdrav. Belor. 5 no 12:21-22 D '59.

Influence of small doses of adrenaline on coronary circulation in hypertension patients. R. I. Mikunis. Vrach. delo no 11 1209-1211 N '59

Lipids of the adrenal cortex under normal conditions and in hypertension. M. P. Andreeva. Dokl. AN SSSR 132 no. 2:450-452 My '60.

Mechanism of hypertension of the lesser circulation [with summary in English]. V. V. Parin, F. Z. Meerson. Sov. med. 23 no. 12:26-33 D '59.

Postthyrotoxic hypertension; preliminary report [with summary in English] A. K. Gorachakov, A. P Stepanenko, N V. Romashkan. Vrach delo no. 11 1159-1162 N '59

Some problems in the pathogenesis of circulatory disturbances of the brain in hypertension [in Azerbaijani with summary in Russian]. G. M. Isazade. Azerb. med. zhur. no. 11:8-13 N '59.

Use of novocaine in late pregnancy toxemias with a hypertensive syndrome [with summary in English]. M. V. Mogilev. Akush. i gin. 35 no. 6:47-51 N-D '59.

HYPERTHYROIDISM

Experience with radioactive iodine in treating thyrotoxicosis. L. N. Kazakova. Vest. rent. i rad. 34 no. 2:90-91 '59.

HYPOBROMOUS ACID

Effect of α-hydroxy and α-acetoxy groups on the nature of the interaction between hypobromous acid and multiple carbon-to-carbon bonds. Report No. 1: Cases of an anomalous course of Favorskii reactions. A. A. Akhrem. Izv. AN SSSR Otd. khim. nauk no. 4:693-702 Ap '60.

HYPOCHLORITES

Calcium hypochlorite refining of sour gasoline. A. F. Lipkin. Neftianik 3 no. 9:14-15 S '58.

HYPODERMIC INJECTIONS see Injections, Hypodermic

HYPOTENSION

Hypotensive action of cadmium chloride in experiments on dogs. I Fatkhullaev. Izv. AN Uz SSR Ser med no. 6:25-27 '59.

HYPOTHALAMUS

Functional state of the kidneys in blood transfusion in dogs with a damaged thalamohypothalamic region [with summary in English, p. 67] I. I. Zaretskii, I A Mikhailova, N. S. Rozanova. Probl. gemat. i perel. krovi 4 no 12:34-37 D '59

HYPOTHERMIA

Interoceptive reflexes from the pleura affecting blood circulation, respiration and lymph flow in hypothermia. L. P Musatova. Vest AN Kazakh. SSR 15 no 11:77-83 N '59.

HYSTERESIS—ELECTROMECHANICAL ANALOGIES

Electronic modelling of hysteresis characteristics of ferromagnetic materials. V. G. Vasil'ev, V. A. Zverev. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9 3-10 '59.

IABLOCHKINA, ALEKSANDRA ALEKSANDROVNA, 18[illegible]-

Third youth. M. Linetskaia. Zdorov'e 5 no. 12 24 D '59.

IAKOVLEV, SERGEI ALEKSANDROVICH, 1879-1957

Sergei Aleksandrovich IAkovlev; obituary. F. P. [illegible] and others. Biul. Kom. chetv. per. no 23:97-101 '59

IBRESI DISTRICT—PEAS

High pea yields on the Il'ich Collective Farm. IU. N. Safonov. Zemledelie 8 no. 1:61-62 Ja '60

ICE

(see also subdivision under Baltic Sea; Barents Sea, Chukchi Sea; Oresund)

Investigating the influence of organopolysiloxane coatings on the adhesion of ice to different surfaces. K. A. Andrianov and others. Zhur. prikl. khim. 32 no. 12 2682-2691 D '59.

The LP-1 movable ice crusher. Ryb. khoz. 35 no. 10:[illegible]-66 O '59.

Use of ice for air conditioning [with summary in English]. A. Gogolin, V. Bobkov. Khol. tekh. 36 no. 6 42-45 N-D '59.

ICE AGE see also subdivision 'Glacial epoch' under East European Plain, Russia, Northwestern, [illegible] Darya Valley; Siberia, Eastern

ICE-BREAKING VESSELS

Edinskii, S. F. [Forty years of the Soviet Northern Icebreaking Flotilla; historical sketch] 40 let Sovetskoi Severnoi ledokol'noi flotilii; istoricheskii ocherk. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 195[illegible] 62 p.

On the atomic icebreaker "Lenin." Sudostroenie 25 no. 11:69-71 N '59.

ICE CORING RIGS

New ChMP ice-cutting machine. P. A. Kharlonovskii. Rech. transp. 18 no. 11:43-44 N '59.

ICE CREAM, ICES, ETC.

Maximum use of whole milk in the manufacture of ice cream [with summary in English]. G. Azov, A. [illegible] Khol. tekh. 36 no. 6:29-31 N-D '59.

ICE CRYSTALS

Application of the replica method to the study of ice crystals [with summary in English]. A. D. Malkina. Koll. zhur. 21 no. 6:670-672 N-D '59.

ICE CRYSTALS—SPECTRA

X-ray study of the crystallization of sorbed water [with summary in English]. V. S. Brzhan. Koll. zhur. 21 no. 6:645-649 N-D '59.

ICE FISHING

Automotive ice boring unit designed by R. I. [illegible], I. N. Morozov, and K. R. Tumel'. Ryb. khoz. 35 no. 10: 45-47 O '59.

Ice fishing. IU. I. Milenushkin. Zdorov'e 6 no. 1:[illegible] Ja '60.

ICE ON RIVERS, LAKES, ETC.

Determining the state of strain in slabs covering canal banks under the effect of ice frozen to the banks following a drop in the water level. O. I. Zhelankin. Rech. transp. 18 no. 11:36-39 N '59.

Discussing the effect of ice on navigational waterways at the 19th International Shipping Congress. V. V. Balanin, R. I. Shcherbakova. Rech. transp. 18 no. 11:3[illegible] N '59.

Effect of beach icing and shore ice on seashore dynamics. E. A. Popov. Trudy Okean. kom. no. 4:109-[illegible] '59

New methods for aerial observation of marine ice conditions. V. V. Betin, S. V. Zhadrinskii, N. S. Uralov. Trudy GOIN no. 37:205-230 '59.

ICE ON RIVERS, LAKES, ETC. (Continued)

Panov, B. P. [Winter regime of rivers in the U.S.S.R.] Zimnii rezhim rek SSSR. [Leningrad] Izd-vo Leningr. univ., 1960. 238 p.

Rymsha, V. A. [Investigation of ice on rivers and reservoirs] Ledovye issledovaniia na rekakh i vodokhranilishchakh. Leningrad, Gidrometeoizd-vo, 1960. 190 p.

Seismic surveying of river beds in winter. V. N. Nikitin. Razved. i prom. geofiz. no. 31:99 [illegible] '59.

ICHNEUMON FLIES

Specific features and development of Arctic Gasteruptiid ichneumon flies (Hymenoptera, Gasteruptiidae). S. I. Malyshev. Dokl. AN SSSR 132 no. 1:227-230 My '60.

IDOLS AND IMAGES

The [illegible] golden old woman. L. Livshits, L. Teplov. Vokrug sveta no. 1:59-60 Ja '60.

IGARKA—POTATOES

Water regimen of the potato plant in the Yenisey Valley north of the Arctic Circle. M. M. [illegible]. Vestsi AN BSSR Ser. biial. nav. no. 4:66-81 '59.

IGARKA REGION—FROZEN GROUND

Determining the depth of seasonal thawing by the texture of frozen rocks in the Igarka region. L. S. Khomichevskaia. Trudy Inst. merzl. AN SSSR 16:111-115 '60.

IGNATOV, ALEKSEI ANDREEVICH, 1878-1957

Aleksei Andreevich Ignatov; obituary. P. I. Popov. Biul. VAGO no. [illegible]:77-78 '59.

IK, LAKE—BREAM

Acclimatization of bream in Lake Ik. I. I. Lelenko. Ryb. khoz. 35 no. 10:16-17 O '59.

ILEUM—DISEASES

Terminal ileitis in insufficiency of Bauhin's valve in chronic colitis patients. A. A. Askarov, A. A. Plokel'. Izv. AN Uzb. SSR Ser. med. no. 6:19-21 '59.

ILI DELTA—GEOLOGY, STRUCTURAL

Delta of the river Ili and Balkhash. V. A. Nikolaev. Trudy Sekt. geog. AN Kazakh. SSR no. 4:111-157 '59.

ILI KAZAKH AUTONOMOUS DISTRICT—ECONOMIC CONDITIONS

In the friendly family of peoples. Chang Shih-kung, Chou Huai-pi. Druzhba no. 51:26-27 D '59.

My country is great. Yu Kh'an. Druzhba no. 51:20 D '59.

ILI VALLEY—GEOLOGY, STRUCTURAL

Surface features of the lower part of the Ili Basin. A. V. Popov. Trudy Sekt. geog. AN Kazakh. SSR no. 5:3-13 '60.

IL'IN, IAKOV IL'ICH

Thirty years later ("The great conveyor" by IAkov Il'in. Reviewed by A. [illegible]) Oktiabr' 36 no. 11:203-209 N '59

IL'INA, LIDIIA ALEKSANDROVNA, 1915

Gankina, E. Z. Lidiia Aleksandrovna Il'ina. [Moskva] Sovetskii khudozhnik, 1959. 90 p., illus.

ILLUSTRATION OF BOOKS see subdivision under Karelia

ILMENAU, GERMANY—WALTZES

Kazakh waltz in Thuringia. K. Isabaev. Sov. Kazakh. 24 no. 3:82-83 [illegible] '59

ILMENITE

Methods for sample taking and processing in explorations for zircon-ilmenite rutile placer deposits. B. N. Sokolov. Izv. Kar. i Kol'. fil. AN SSSR no. 1:38-47 '59

Mineralogy and geochemistry of the weathering of ilmenite. M. G. Diadchenko, A. IA. Khatuntseva. Dokl. AN SSSR 132 no. 2:435-438 My '60.

ILOVLINSKAYA DISTRICT—AGRICULTURE

Urgent problems. D. Skorod'ko. Sov. deput. trud. no. 12:59-63 D '59.

IMANGDA VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Silurian deposits in the northwestern part of the Siberian Platform (Noril'sk and Imangda regions). A. G. Kravtsov. Sbor. st. po paleont. i biostrat. no. 15:5-10 '59.

IMANTAU—LAKES

Origin of the Imantau group of lakes. M. Zh. Zhandaev. Trudy Sekt. geog. AN Kazakh. SSR no. 4:183-187 '59.

IMINES

Some derivatives of sydnonimines. V. F. Vasil'eva, V. G. IAshunskii. Khim. nauka i prom. 4 no. 5:678-679 '59.

IMITATION

Development of interest in the heroic by secondary school pupils [with summary in English] M. F. Beliaev, V. A. Perinskikova. Vop. psikhol. 5 no. 6:55-61 N-D '59

IMMUNITY

Akademiia meditsinskikh nauk SSSR. Moscow. Institut eksperimental'noi biologii. [Immunological methods for the investigation of malignant neoplasms, works of a conference, December 10-12, 1956] Immunologicheskie metody issledovaniia zlokachestvennykh novoobrazovanii, trudy nauchnoi konferentsii, 10-12 dekabria 1956 g. Moskva, 1959. 243 p.
(DNLM)

Immunogenesis and types of higher nervous activity [with summary in English] S. I. Vovk. Fiziol. zhur. [Ukr.] 5 no. 6:781-787 N-D '59

Kiev. Kievskii institut epidemiologii i mikrobiologii. [Theoretical and practical problems in immunology] Teoreticheskie i prakticheskie voprosy immunologii. Kiev, Izd-vo Akad. nauk USSR, 1958. 307 p.
(DNLM)

Review of K. V. Bunin's book "Role of immunity and allergy in the treatment of infectious diseases." S. I. Shapiro. Terap. arkh. 31 no. 12:81-82 D '59

INBREEDING

Overcoming the inbreeding depression in the germination of rye pollen on artificial media. Kh. Gorbig. Nauch. dokl. vys. shkoly; biol. nauki no. 2:187-190 '60.

INCENTIVES IN INDUSTRY

Increase managerial authority to encourage technological innovations. S. Protserov. Sots. trud no. 12:128 D '58.

Material incentives to encourage inventors and innovators. IU. Margulis. Sots. trud 4 no. 7:59-61 Jl '59.

Problems of the economic stimulation of technological progress. L. Gatovskii. Vop. ekon. no. 5:42-59 My '60.

INCOME

The conception of "collective farm income." A. Zhilenas. Ekon. sel'khoz. 31 no. 1:107-109 Ja '60.

INDANDIONE

New method for the preparation of 2-nitroindan-1,3-dione. E. IU. Gudriniece, G. IA. Vanag. Khim. nauka i prom. 4 no. 5:683-684 '59

Structure of 2-p-nitrophenyl-1,3-indandione. A. K. Aren, O. J. Neiland, G. J. Vanags. Dokl. AN SSSR 132 no. 1:115-118 My '60

INDEX NUMBERS (ECONOMICS)

Index of structural movements and a coefficient of structural change. I. Ka'inets. Nauch. dokl. vys. shkoly; ekon. nauki no. 1:93-104 '59

Labor productivity of public work and methods for measuring it. S. Strumilin. Vop. ekon. no. 5:17-30 My '60.

INDIA—AGRICULTURAL RESEARCH

Agronomic studies of the Indian Agricultural Research Institute [with summaries in English, German and French]. P. Raheja. Vest. sel'khoz. nauki 4 no. 11:116-119 N '59.

INDIA—AGRICULTURE

Agriculture of India. I. Kuvaldinov. Ekon. sel'khoz. 31 no. 1:112-115 Ja '60.

INDIA—ATOMIC RESEARCH

Atomic power in India. V. Emel'ianov. Nov. vrem. 18 no. 17:23-25 Ap '60.

INDIA—DESCRIPTION AND TRAVEL

"Across the Himalayas" by I. I. Petrov. Reviewed by A. B. Ditmar. Geog. v shkole 22 no. 6:91-93 N-D '59.

INDIA—DRAWINGS

Indian folk pictures. V. Novozhina. Iskusstvo 22 no. 10:65-69 '59.

INDIA—ECONOMIC CONDITIONS

India on the path toward economic independence. V. Kondrat'ev. Mosk. prop. 16 no. 12:65-70 D '59.

INDIA—FOREIGN RELATIONS—RUSSIA

Russia's and India's friendly relations. I. F. Kovalev. Ist. arkh. no. 6:194 N-D '59.

INDIA—INDUSTRIES

Atomic power in India. V. Emel'ianov. Nov. vrem. 18 no. 17:23-25 Ap '60

INDIA—INSURANCE, SOCIAL

Social insurance in the Republic of India. M. N. Egorova. Uch. zap. Inst. vost. 20:205-247 '59.

INDIA—LABOR AND LABORING CLASSES

The labor movement in India, 1918-1922. T. F. Devlatkina. Uch. zap. Inst. vost. 20:177-204 '59.

INDIA—MALARIA

In India. F. F. Talyzin. Zdorov'e 6 no. 1:26 Ja '60.

INDIA—POLITICS AND GOVERNMENT

Democratic movement in the principalities on the eve of the Second World War, 1934-1939. A. M. Mel'nikov. Uch. zap. Inst. vost. 20:248-283 '59.

Great Britain's colonial government in India on the eve of the national uprising, 1857-1859. A. I. Levkovskii. Uch. zap. Inst. vost. 20:91-136 '59.

INDIA—POWER RESOURCES

Characteristics of the development of power resources in India. F. D. IAroshenko. Geog. v shkole 22 no. 6:41-46 N-D '59.

INDIA—SEPOY REBELLION, 1857-1859

Interpretation of the national uprising, 1857-1859, in Indian and Pakistani periodical publications. I. B. Gordon-Polonskaia. Uch. zap. Inst. vost. 20:157-176 '59.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN

The desert comes to life [with English summary in insert]. V. Bol'shakov. Sovr. Vost. no. 4:16 Ap '60.

The Soviet East helps build Bhilai. Sovr. Vost. no. 4:9 Ap '60.

INDIANS OF NORTH AMERICA

Trip to the Indians of the United States. I. A. Zolotarevskaia. Sov. etn. no. 6:162-172 N-D '59.

INDIC POETRY—HISTORY AND CRITICISM

Lenin in the poetry of the peoples of India [with summary in English] E. P. Chelyshev. Probl. vostokoved. no. 2:70-77 '60.

INDIUM—ANALYSIS

Present-day status of the analytical chemistry of gallium, indium, and thallium (survey). T. V. Cherkashina, V. M. Vladimirova. Zav. lab. no. 11:1307-1316 '59

INDIUM ARSENIDE

Hall generators made from indium arsenide for measuring magnetic field intensity. N. V. Zotova, D. N. Nasledov. Fiz. tver. tela 1 no. 11:1690-1694 N '59

INDIUM CHLORIDE

The system $InCl_3 - H_2C_2O_4 - H_2O$. E. N. Deichman. Zhur. neorg. khim. 4 no. 11:2617-2622 N '59.

INDIUM COMPOUNDS

Study of the behavior of indium, zinc, and cadmium complex compounds in an ammonium carbonate solution, using ion-exchange resins. I. P. Alimarin, E. P. TSintsevich, V. P. Burlaka. Zav. lab. no. 11:1287-1290 '59

INDIUM-SILVER ALLOYS see Silver-indium alloys

INDOLACETIC ACID

Changes in the activity of adenosinetriphosphatase in lodged oat stems due to the effect of heteroauxin. N. S. Turkova, R. Butner. Nauch. dokl. vys. shkoly; biol. nauki no. 2:140-143 '60.

INDOLE

Introduction of substituents into the benzene nucleus of indole. Part 6: Synthesis of sulfo derivatives of indole and indoline. A. P. Terent'ev, M. N. Preobrazhenskaia. Zhur. ob. khim. 30 no. 4:1218-1222 Ap '60.

INDOLINE

Introduction of substituents into the benzene nucleus of indole. Part 6: Synthesis of sulfo derivatives of indole and indoline. A. P. Terent'ev, M. N. Preobrazhenskaia. Zhur. ob. khim. 30 no. 4:1218-1222 Ap '60.

INDOLOL

Effect of serotonin on the incorporation of radioactive tracers into proteins of the central nervous system under conditions of intracranial introduction of methionine S^{35} and glycine C^{14} [with summary in English]. E. M. Kravchyns'kyi. Ukr. biokhim. zhur. 31 no. 5:665-670 '59

INDONESIA—POLITICS AND GOVERNMENT

The crime repeated. L. Skomorokhov. Sovr. Vost. no. 4:58 Ap '60.

Indonesia's new parliament; answers to readers' questions. L. Skomorokhov. Nov. vrem. 18 no. 19:31 My '60.

The name of Lenin lives in the hearts of Indonesians. Sovr. Vost. no. 4:11 Ap '60.

INDONESIAN ART see Art, Indonesian

INDONESIAN LANGUAGE—DICTIONARIES—RUSSIAN

Dulygin, N. F., and L. I. Ushakova, comps. [Indonesian-Russian pocket dictionary] Karmannyi indoneziisko-russkii slovar'. Pod red. Sukhadiono. Okolo 8000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 301 p.

INDONESIAN LITERATURE—HISTORY AND CRITICISM

Development of contemporary Indonesian literature [with summary in English]. V. V. Sikorskii. Vest. Ist. mir. kul't. no. 6:45-64 N-D '59.

INDUCTION COILS

Operation of induction furnaces. V. V. Panin. Lit. proizv. no. 12:40 D '59.

INDUCTION HEATING

Rapid electric induction heating of highly alloyed steel blanks. IU. M. Bogatyrev. Kuz.-shtam. proizv. 1 no. 12:36-43 D '59.

Recrystallization diagram for induction heating. M. N. Bodiako and others. Metalloved. i term. obr. met. no. 1:40-52 Ja '60.

INDUSTRIAL ACCIDENTS
(see also subdivision under Zlatoust)
Statute on the investigation and recording of accidents connected with work. Okhr. truda i sots. strakh. no. 12: 64-67 D '59

INDUSTRIAL BUILDINGS
Large prestressed slabs for roofs on industrial buildings. A. A. Svetov, V. G. Kramar'. Prom. stroi. 37 no. 12 33-37 D '59.
Recent developments in designing industrial buildings. P. G. Vetrov. Biul. tekh. inform. po stroi. 5 no. 11.5-6 N '59
Shortcomings of large slabs to be used in roofing industrial buildings. A. I. Beliakov, V. I. Semenov. Prom. stroi. 37 no. 12.43-44 D '59.

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT
(see also subdivision under Minsk)
Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [High-duty industrial equipment] Vysokoproizvoditel'naia tekhnologicheskaia osnastka. Pod red. V. V. Kuz'mina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960 174 p.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR see subdivision under Tashkent

INDUSTRIAL HYGIENE
(see also subdivision under Dnepropetrovsk Province; Magnitogorsk, Sverdlovsk Province)
Articles on labor hygiene and occupational diseases in nos 1, 2, 3, 4 "Igiena" (Rumania) for 1958 Reviewed by I. N. Arkhangel'skaia Gig truda i prof zab 3 no. 6 57 N-D '59
Conference on the physiology of heat exchange and hygiene of the industrial microclimate N I Ivanova Gig truda i prof zab 3 no 6 55-56 N-D '59
Electronic apparatus stands on guard. N. Ovcharenko. Okhr truda i sots. strakh. no. 12.62-63 D '59.
For the further improvement of working conditions B Mel'nikov Sots trud 4 no 11 68-76 N '59
French physicians learned the truth. N. Missonov. Okhr. truda i sots. strakh. no 12:16-17 D '59.
Improvement of working conditions for invalids in industrial cooperatives A I Ulitina. Gig i san 24 no 11 76-78 N '59
"On the scope and organization of the rules of industrial safety." Okhr. truda i sots. strakh. no. 12:48-49 D '59
One more suggestion R Malinova, T. Demina. Okhr. truda i sots. strakh. no. 12:31 D '59.
Protect by law IA. Kiselev. Okhr. truda i sots. strakh. no. 12:7-9 D '59.
Standard study room for industrial hygiene. I. Gol'drin. Okhr. truda i sots. strakh. no. 12:59-61 D '59.

INDUSTRIAL HYGIENE—BIBLIOGRAPHY see Bibliography—Industrial hygiene

INDUSTRIAL HYGIENE—LAW AND LEGISLATION
[Industrial hygiene and safety measures in the organizations and enterprises of commerce and public food service] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh torgovli i obshchestvennogo pitaniia. Moskva, Gos izd-vo torg. lit-ry, 1959. 247 p.
Shebanova, A. L., and N. S. Malein. [Soviet legislation on industrial hygiene, materials for a lecture] Sovetskoe zakonodatel'stvo ob okhrane truda rabochikh i sluzhashchikh, material k lektsii. Moskva, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 38 p.

INDUSTRIAL LAWS AND LEGISLATION
[Legal problems relating to the organization and work of economic councils] Pravovye voprosy organizatsii i deiatel'nosti sovnarkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 339 p.

INDUSTRIAL MANAGEMENT
(see also subdivision under Aktyubinsk Economic region, Moldavia)
Bakanov, M. L., and S. K. Tatur, eds. [Course in the analysis of administrative operation] Kurs analiza khoziaistvennoi deiatel'*nosti. Moskva, Gos.* finizdat, 1959. 480 p.
Development and state of spindle supply in bearing and machinery plants of the U.S.S.R. and abroad N A. Spitsyn Izv. vys. ucheb zav., mashinostr. no 5 124-130 '59
"Economics of socialist industrial enterprises"; a textbook. Reviewed by T. Efimin. Mosk. prop. 16 no 12:71-75 D '59.
Hal'perin, M. Z. [Organization of smooth and rhythmic work in industrial enterprises] Organizatsiia rivnomirnoi i rytmichnoi roboty promyslovoho pidpriiemstva. Kyiv, 1960. 33 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 4)
Lipatov, N. A. [The workers participate in industrial management] Rabochie uchastvuiut v upravlenii proizvodstvom. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 75 p.
Nature of production management under socialism. V Cherkovets. Nauch. dokl. vys. shkoly. ekon. nauki no. 4 24-32 '59.
[Some economic problems in industry and agriculture; collected articles for the economics students' aid] Nekatoryia pytanii ekanomiki vytvorchastsi; sbornik artykulau u dapamohu ekanamichnai edukatsyi. Minsk, Dziarzh. vyd-va BSSR. Red satsyial'na-ekan lit-ry, 1959. 143 p.
Training of plant managers M Kopeliovich NTO no 11:44-45 N '59.
Useful textbook ("Economics, organization and planning of an industrial enterprise", textbook by S Kamenitser, V. Kontorovich, G. Pishchukin. Reviewed by G. Gurari, M. Grunkin). Nauch. dokl. vys shkoly; ekon. nauki no. 4: 167-173 '59.
We must strictly execute the decisions of our government. G Enlutin Agitator no 24:24-27 D '59

INDUSTRIAL ORGANIZATION
(see also subdivision under China)
Calculating technological time losses on roadsteads. D. I. Volovoi, M. B. Kheifets. Rech. transp. 18 no. 12:14-16 D '59.
"Economics of socialist industrial enterprises"; a textbook. Reviewed by T. Efimin. Mosk. prop. 16 no. 12 71-75 D '59.
The management of an enterprise without shop divisions. G. Sergeeva. Sots. trud 4 no. 7.65-70 Jl '59.
[Specialization and cooperation in industry; work practice of regional economic councils] Spetsializatsiia i kooperirovanie promyshlennosti; opyt raboty sovnarkhozov. Moskva, Gosplanizdat, 1960. 253 p.
Toward a radical reorganization of management. K. Mil'kov, V. Blokh, M. Amel'chenko. Sots. trud 4 no. 7: 106-115 Jl '59.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY
(see also subdivision under Azerbaijan; Lugansk; Novosibirsk, Tyumen')
Consultations. Bezop. truda v prom. 4 no. 1:34 Ja '60.
For the welfare of the Soviet people. Bezop. truda v prom. *3 no. 12:1-3 D* '59.
Further improvement in industrial safety. G. P. Zablodskii. Bezop. truda v prom. 4 no. 1:1-3 Ja '60.
Pay daily attention to industrial safety and safety engineering. Zhil.-kom. khoz. 9 no. 12:1-3 '59.

INDUSTRIAL SAFETY—BIBLIOGRAPHY see Bibliography—Industrial safety

INDUSTRIAL SAFETY—LAW AND LEGISLATION
Shebanov, A. L., and N. S. Malein. [Soviet legislation on industrial hygiene; materials for a lecture] Sovetskoe zakonodatel'stvo ob *okhrane truda rabochikh* i sluzhashchikh; material k lektsii. *Moskva, Ob-vo* po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 38 p.

INDUSTRIAL STATISTICS
Statistical indices. Mir. ekon. i mezhdunar. otn. no. 5: 153-157 My '60.

INDUSTRIAL TELEVISION
Dispatching television unit for electric power stations. P. I. Zotov. Biul. tekh.-ekon. inform. no. 11:45-48 '59.
Industrial television installation. Neftianik 3 no. 8:33 Ag '58.

INDUSTRIAL TELEVISION—EQUIPMENT AND SUPPLIES
Industrial television systems. V. Smirnov. Radio no. 12: 14-17 *D '59*

INDUSTRIAL TOURS
This road leads to oil fields. M. Korin'. *Znan. ta pratsia* no. 12:16-17 D '59.

INDUSTRIAL TOXICOLOGY
International symposium on the maximum permissible concentrations of toxic substances in industry Z B. Smelianskii. Gig i san 24 no 11 60-65 N '59

INDUSTRIALIZATION
Rate of the industrial revolution in Russia. B. TSypin. Nauch. dokl. vys. shkoly, ekon. nauki no. 4:129-138 '59.

INDUSTRIES, LOCATION OF
Up-to-date development and location of productive *forces* is the incarnation of Lenin's ideas. N. N. Nekrasov. Vest. AN SSSR 30 no. 4:39-44 Ap '60.

INDUSTRY
The abstract collection "Industrial economics." Vop. ekon no. 5:127-129 My '60.

INDUSTRY—CLASSIFICATION
On the problem of the classification of industrial *forms.* P. Gugushvili. Vop. ekon. no. 5:137-141 My '60.

INDUSTRY AND EDUCATION see subdivision under *Kharkov*

INEQUALITIES (MATHEMATICS)
Asymptotic inequalities applicable to problems of st[illegible] cal mechanics. T. V. Morozova. Ukr. mat. zhur. no 3 321-328 '59
Energy inequalities for some classes of mixed equat[illegible] IU M Berezanskii Dokl AN SSSR 132 no 1 9-12 '60

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY DRILL AND TACTICS
Fry, James C. [Assault battle drill; translated from English. Preface by D. Golvin] Obuchenie deistviiam v nastupatel'nom boiu. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 120 p.

INFANTS
Training from birth. N. Elgon. Sem'ia i shkola 15 [illegible] 9-10 Ja '60.

INFANTS—CARE AND HYGIENE
After the doctor leaves. R. I. Arkad'eva. Zdorov'e 5 no. 12 12-13 D '59.
Letters to a mother, first letter. M. M [illegible] Zdorov'e 6 no. 1 12-13 Ja '60.

INFANTS—MORTALITY
Rare case of damage of a corpse by an animal. A. M. Lilovchenko. Sud.-med. ekspert. 2 no. 3:54 [illegible]

INFANTS—NUTRITION
"Ionite" milk and its use for the feeding of infants. E. Khokhol, V. Ott. Moloch. prom. 20 no. 12:7 [illegible] D '59.

INFANTS (NEWBORN)
Electrophoretic determination of serum proteins [illegible] and child during labor [with summary in English]. [illegible] Lotian. Akush. i gin. 35 no. 6 61-64 N-D '59
Shagan, B. F. [Principles of knowledge about the newborn child] Osnovy ucheniia o novorozhdennom rebenke. Moskva, Medgiz, 1959. 330 p.
(DNLM)

INFANTS (PREMATURE)—DISEASES
Morphological changes in coxofemoral joints in congenital dislocation in premature infants with multiple congenital developmental defects K. A. K[illegible], Kh [illegible] Ortop., travm. i protez. 20 no. 4:68-70 Ap '59
Two cases of Botkin's disease in premature infants. [illegible] Dombek. Vop. okh. mat. i det. 4 no. 6:[illegible] N-D '59

INFANTS (PREMATURE)—NUTRITION
Feeding of the premature infant. E. M. Kravets. [illegible] i akush. 25 no. 1:13-20 Ja '60.

INFANTS (STILL-BORN) see Still-birth

INFLAMMABLE MATERIALS
Ignition of inflammable gas mixtures by heated [illegible] problems involving safety measures. A. I. R[illegible], I. S. Roizen, P. G. Bashchev. Izv. vys. ucheb. zav.; [illegible] i khim. tekh. 2 no. 6:962-973 '59.

INFLAMMATION
Phagocytosis and inflammation at various stages [illegible] development of white rats [with summary in French]. A. K. Dondua. Arkh. anat. gist. i embr. 37 no 10:[illegible] 67 O '59.

INFLORESCENCE
Formation of the inflorescence in the grapevine (Vitis vinifera L.) in winter and spring in connection with increased fruiting capacity. Z. V. Kolesnik. [illegible] 44 no. 12:1730-1734 D '59.

INFLUENZA
(see also subdivision under Orel; Pervomaisk, Nikolaev Province; Stalinabad)
Evaluation of V. E. Pigarevskii's method of [illegible] in the diagnosis of grippe. T. N. Davydova. Lab. [illegible] no. 1:48-50 Ja-F '60.
Influenza and influenzalike diseases. M. E. Sukharev. Zdorov'e 6 no. 1:18-20 Ja '60.
Influenza in January-February 1959 [with summary in English]. N. V. Sergeev. Klin. med. 37 no. 12 [illegible]
Morozkin, N. I. [Influenza] Gripp. Moskva, Gos. izd-vo med. lit-ry, 1958. 173 p.
(DNLM)
Pathogenesis of influenza [with summary in English]. V. M. Zhdanov, V. V. Ritova. Klin. med. 37 no. 12 [illegible] '59.
Some features of the status of the ear, nose, and throat in influenza [with summary in English]. I. I. Gol'dina. Vest. otorin. 21 no. 6:83-85 N-D '59.
Some problems in influenza and influenzalike diseases in the light of contemporary data [in Azerbaijani with summary in Russian]. T. G. Gasanov. Azerb. med. zhur. no. 12:3-9 D '59.
Some problems in the clinical aspects and pathogenesis of psychoses in "Asian" influenza. Kh. V. Na[illegible] Zdrav. Turk. 3 no. 5:35-38 S-O '59.
Toxic hemorrhagic pulmonary edema in influenza [with summary in English]. V. E. Pigarevskii. Klin. med. [illegible] no. 12:56-63 D '59.
Zhdanov, V. M., V. D. Solov'ev, and F. G. Epshtein. [What we know about influenza] Uchenie o grippe. Moskva, Gos. izd-vo med. lit-ry, 1958. 581 p.
(DNLM)

INFORMATION SERVICES

Morozova, E.N. [Technical-information and bibliographical centers in the U.S.S.R. and their publications, a report read at the Leningrad House of Scientific and Technical Propaganda in the seminar for workers providing technical information] Tekhniko-informatsionnye i bibliograficheskie tsentry v SSSR i izdavaemye imi materialy; stenogramma doklada, prochitannogo v LDNTP na zaniatiiakh seminara dlia rabotnikov sluzhb tekhnicheskoi informatsii Leningrad, 1959. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

INFORMATION THEORY

Approximate method of calculating the correlation function of stochastic signals. V.I.Tikhonov. Radiotekh.i elektron 5 no.5·858-860 My '60.

Assembly for studying the algorithms of street traffic control. S V.IAblonskii and others. Dokl AN SSSR 132 no 1 78-81 My '60

Calculation of the mean-square error in the yielding of a random stationary signal by a linear control system [with summary in English]. I.I.Sokolov. Avtom.i telem. 20 no. 12:1623-1634 D '59.

Determination of an optimal transient pulse function [with summary in English]. A.M.Perel'man. Avtom.i telem. 20 no. 12,1671-1674 D '59.

Distribution function enveloping the summation effect of an irregularly varying signal and of fluctuating interferences. A.E.Basharinov. Trudy MEI no.31:196-203 '56.

Evaluation of the capacity of some communication channels with random by varying parameters. IA.I.Khurgin. Radiotekhnika 14 no. 12;19-27 D '59.

General formulation of the basic theorem of Shannon in the information theory. R.L.Dobrushin. Usp. mat. nauk 14 no.6;3-101 N-D '59.

Geometric construction of optimum codes. B.M.Pushnoi. Elektrosviaz' 13 no.10,3-12 O '59.

Interference rejection of an optimalizing control system with an externally modulating signal [with summary in English]. B.IU.Mandrovs'kyi-Sokolov. Avtomatyka no.4;25-37 '59.

Method for determining an optimum system by the use of Bayes' mutual criteria. V.S.Pugachev. Izv.AN SSSR. Otd.tekh.nauk.Energ.i avtom. no.2·83-97 Mr-Ap '60.

One class of systematic codes. V.I.Levenshtein. Dokl. AN SSSR 131 no.5;1011-1014 Ap '60.

Setting up an operating program for some control circuits. E.G.Vol'pert. Avtom.i telem. 20 no.12;1675-1678 D '59.

Theory of optimum filtering of the signal in a class of systems with variable parameters and the presence of internal noises. Li Hon Won. Izv.AN SSSR.Otd.tekh. nauk.Energ.i avtom. no.2·137-152 Mr-Ap '60.

INFORMATION THEORY—CONGRESSES

First All-Union Conference on Mathematic Linguistics. M.V.Lomkovskaia. Usp.mat.nauk 14 no.6;213-222 N-D '59.

INFRARED PHOTOGRAPHY see Photography, Infrared

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Infrared heating installation for pigs A. Protopopov. Tekh.v.sel'khoz. 20 no 1·30-31 Jn '60.

Infrared rays. N.Pokidov. Izobr.i rats. no.1:40-50 Ja '60.

INFRARED RAYS—PHYSIOLOGICAL EFFECT

Adaptation of the body to the prolonged action of radiant energy T.V Kaltada Gig.truda i prof zab 3 no.6·16-21 N-D '59

INFRARED SPECTRUM see Spectrum, Infrared

INFUSORIA

(see also subdivision under Iturup Island)

Thermal adaptations in infusorians. Report No. 2:Changes in the heat and cold resistance of Paramecium caudatum during cultivation at low temperatures. IU.I.Polianskii. TSitologiia 1 no.6;714-727 N-D '59.

INFUSORIA, FOSSIL see subdivision under Carpathian Mountains

INGOT MOLDS

Use of polyhedral molds for casting pipe steel ingots. L.S.Rybakov. Trudy Ural.politekh.inst no.75;104-122 '59.

INGRES, JEAN AUGUSTE DOMINIQUE, 1780-1867

Berezina, V.N. [Ingres; portrait of N.D.Gur'ev] Engr; portret N.D.Gur'eva. Leningrad, Izd-vo Gos.Ermitazha, 1960. 11 p.

INHIBITION

Inhibition of similar stimuli [with summary in English]. B.S.Aliakrinskii. Vop.psikhol. 5 no.6·119-130 N-D '59.

INHIBITION (CHEMISTRY)

Mechanism of the inhibiting action of polyphenols and the role of oxygen. G.P.Belonovskaia, Zh.D.Vasiutina, B.A.Dolgoplosk. Zhur.prikl.khim. 32 no.8:1824-1830 Ag '59.

INJECTIONS, HYPODERMIC

Use of subcutaneous oxygen insufflation in the rural polyclinic. V.A.Lukashev. Azerb.med.zhur. no.12 71-73 D '59.

INJECTIONS, INTRA-ARTERIAL

Gorbadei, N.K. [Intra-arterial transfusion of novocaine in the therapeutic clinic] Vnutriarterial'nye vlivaniia novokaina v terapevticheskoi klinike. [Leningrad] Medgiz, 1959. 114 p.
(DNLM)

Technic of intra-arterial injection of drugs. S.S. Remennik. Zdrav.Turk. 3 no 5 15-17 S-O '59.

INJECTORS

New method for determining the characteristics of injectors. A.M.Kamel'. Izv.AN SSSR.Otd.tekh.nauk Energ i avtom no.2;181-184 Mr-Ap '60.

INJURIES FROM ELECTRICITY see Electricity, Injuries from

INLAND NAVIGATION

(see also subdivision 'Navigation' under Arctic Ocean; Yenisey River)

Calculating the propeller system of a water-jet vessel by results of testing on models. A.M.Basin, S.P.Medvedev. Rech transp. 18 no.11;16-21 N '59.

Discussing the effect of ice on navigational waterways at the 19th International Shipping Congress. V.V.Balanin, R.I.Shcherbakova. Rech.transp. 18 no.11·34-36 N '59.

Effect of waterway dimensions on a ship's rate of propulsion. K.A.Gatinov. Rech.transp. 18 no.11;7-10 N '59.

Investigating hydromechanical characteristics of new passenger ships for inland navigation V.N.Anfimov, V.L.Kovalev. Trudy TSNIIRF no 39.62-109 '59.

Investigating the squat of river craft sailing in shallow waters E.I.Stepaniuk Trudy TSNIIRF no 39;42-61 '59

INLAND NAVIGATION—SAFETY MEASURES

Ship handling safety on inland waterways. V.F.Saratov. Rech.transp. 18 no.12;18-20 D '59.

INLAND WATER TRANSPORTATION

(see also subdivision under Europe, Western; Kazakhstan; Moscow River; Poland)

Books published should be carefully edited and reviewed ("Improving the use of navigable canals for transportation" by A.I.Kovalev, L.A.Ivanov. Reviewed by L.P. Lavrinovich). Rech.transp. 18 no.11;55-56 N '59.

Effect of the full shape ratio on certain technical characteristics for inland navigation load carriers. E.R Ratner. Sudostroenie 25 no.12,6-8 D '59.

High cargo capacity carrier for inland water transportation. V.A.Evstifeev. Sudostroenie 25 no.12;1-5 D '59.

In the technical council of the Ministry of the River Fleet. P.Akhmatov. Rech.transp. 18 no.12:51 D '59.

Increase cargo transportations in mixed railroad-water communications. I.S.Kraev, V.G.Teplov. Rech.transp 18 no.12·3-7 D '59.

Increase lumber transportations by mixed railroad-waterway communications. M.F.Lavrent'ev, N.V.Ezhov. Rech.transp. 18 no.12;11-14 D '59.

Palkin, A.K. [River transportation in the Russian Federation during the seven-year period] Rechnoi transport Rossiiskoi Federatsii v semiletii. Moskva, Ob-vo po rasprostraneniiu polit.i nauchn.znanii RSFSR, 1959. 36 p.

Prospects for expanding river transportation in the R.S.F.S.R. ("River transportation in the R.S.F.S.R. and prospects for its expansion" by Z.A.Shashkov. Reviewed by G.Okhotnikov). Rech.transp. 18 no.12: 56 D '59.

Shore construction work in 1960 for inland water transportation use. Rech.transp. 18 no.12;1-2 D '59.

Skoroshchinskii, V.F. [Manual for a winch operator and a seamen aboard a dredge] Posobie lebedchiku i matrosu zemsnariada. Moskva, Izd-vo "Rechnoi transport," 1960. 171 p.

Transportation efficiency resulting from a complex system of hydraulic structures. G.M.Matlin. Rech.transp. 18 no.12·33-38 D '59.

Workers of the Russian Federation river fleet have completed the 1959 transportation plan ahead of time. Rech. transp. 18 no.11;1-2 N '59.

Workers of the State Planning Institute on River Transportation are fighting for technical progress. N.G. Ovsiannikov. Rech.transp. 18 no.11;23-26 N '59.

Working and rest time of inland water transportation workers. B.Kalinin. Sots.trud 4 no.7;137-139 Jl '59.

INLAND WATER TRANSPORTATION—ACCOUNTING

Greater use of calculating machines in river transportation. S.A.Makhlakh. Rech.transp. 18 no.11;3-4 N '59.

Improving the system of technical and economic indices in the operations of the river fleet. A.A.Soluzov. Rech. transp. 18 no.12:7-10 D '59.

INNER MONGOLIA see Mongolia, Inner

INSANITY—JURISPRUDENCE

We should protect the rights of insane persons. L.Sokolovskii. Sots zakon. 36 no 12;58-59 D '59

INSCRIPTIONS ON BARK see Bark inscriptions

INSECT BAITS AND REPELLENTS

Method for a laboratory test of repellents against Ixodes persulcatus ticks. L.I.Shukova. Med.paraz i paraz. bol 28 no.5;621-622 S-O '59.

Method for a primary selection with laboratory animals of repellents against blood-sucking mosquitoes P.I Rakhmanova Med paraz i paraz.bol. 28 no 5 620-621 S-O '59

Testing the effectiveness of the repellent action of dimethylphthalate, creolin, diphenyloxide, terpineol, RP-2 and RP-50 on Ixodes ricinus L. ticks. P.K Kuznetsov Med paraz.i paraz.bol. 28 no.5;619 S-O '59

INSECT TRAPS

Use of light traps as a method of studying bloodsucking dipterans in Central Asia. D.T.Zhogolev. Dokl.AN SSSR 131 no.6 1430-1432 Ap '60.

INSECTICIDES

Chemical methods of treating vegetable crops and the sanitary and hygienic evaluation of these methods A.S. Beliaeva. Zashch rast ot vred i bol 4 no.3 32-34 My-Je '59

Chemicals used in controlling vegetable pests. B A Gerasimov. Zashch.rast.ot vred i bol 4 no 3 41-42 My-Je '59

Functional state of the hypophysis-adrenal cortex system as a criteria of action of low-intensity chemical factors [with summary in English] E I Spynu Gig i san 24 no 11 26-31 N '59

Insecticide, acaricide, and herbicide wetting agents used in the form of aqueous suspension. S.F.Bezuglyi, B.A. Akimov. Khim.prom. no.6;494-499 S '59.

Kozakovich, V.P., I.V.Domaradskii, and E.E.Bakhrakh. [Poisons used to control hosts and carriers of highly dangerous infections] IAdy, primeniaemye dlia bor'by s khraniteliami i perenoschikami osobo opasnykh infektsii. Pod red. B.N.Pastukhova. Moskva, Gos.izd-vo med.lit-ry, 1958. 155 p.

Mechanism of the resistance of insects to insecticides, according to data of the World Health Organization L V IAguzhinskaia Med paraz.i paraz bol 28 no.5·609-615 S-O '59.

New insecticides used against corn pests [with summaries in English, German, and French]. N.S.Karavianskii. Vest.sel'khoz.nauki 4 no.11;137-140 N '59.

Surface active agents used in the manufacture of chemicals for plant protection. S.F.Bezuglyi, L Z.Ostianskaia, B.A.Akimov Khim.nauka i prom. 4 no 5; 636-641 '59.

Testing new chemicals. V.N.Tomilova. Zashch.rast.ot vred i bol 4 no 3 42 My-Je '59.

INSECTS—DEVELOPMENT

Development of hymenopterans and morphological regularities of evolution [with summary in English] O M Ivanova-Kazas Vest LGU 15 no 9 71-84 '60.

INSECTS—DISEASES AND PESTS

Some mycoses of insects in Kirghizistan. O.L.Rudakov. Trudy.Inst.zool.i paraz.AN Kir.SSR no.7;263-276 '59.

INSECTS—PHYSIOLOGY

Energy balance in larvae of the dragonfly Aeschna grandis L N.A.Berezina. Trudy Mosk.tekh.inst.ryb.prom.i khoz. no.10;58-61 '59.

INSECTS, INJURIOUS AND BENEFICIAL

(see also subdivision under Ukraine)

Pollinating insects and the use of chemicals in plant protection. Zashch.rast.ot vred i bol 4 no.3 37-38 My-Je '59

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Parasites of the diamondback moth and the European cabbage moth. Kh G.Kopvillem. Zashch.rast.ot vred. i bol. 4 no.3 36-37 My-Je '59.

INSECTS AS CARRIERS OF DISEASE

Study of the physiological age of vectors of transmissive diseases in connection with the evaluation of the effectiveness of control measures. T.S.Detinova. Med.paraz. i paraz.bol. 26 no.6;673-679 N-D '57.

INSEMINATION, ARTIFICIAL see Artificial insemination

INSTALLMENT PLAN

Retail trade on the installment plan and the rental of goods. IU.L'vovich. Sov.lust. no.12;20-25 D '59.

INSTRUMENT FLYING

Using substitute apparatus. V.A.Uriuzhnikov. Vest. Vozd.Fl. no.12;38-44 D '59.

INSTRUMENT INDUSTRY see subdivision under Erivan

INSTRUMENT MANUFACTURE
Self-taught mechanic, Andrei Vasil'evich Samoilov. Z. K. Novokshanova. Trudy Inst. ist. est. i tekh. 25:263-269 '59.

INSTRUMENTS, ASTRONOMICAL see Astronomical instruments

INSTRUMENTS, ELECTRONIC see Electronic instruments

INSULATING MATERIALS
Insulating materials for commercial refrigeration equipment [with summary in English]. I Dushin, N Kudriashov. Khol tekh. 36 no 6:32-35 N-D '59.

INSULATING OILS
Transformer oil from sulfurous crudes according to VTU NP No 30-59. Elek sta 30 no 12:83 D '59
Transformer oil from sulfurous crudes with the antioxidation additive "IAnol." Elek sta. 30 no 12:83-84 D '59
Transformer oil from sulfurous oil. Prom energ. 14 no. 12:40-50 D '59.

INSULATION (HEAT)
Analytical method of determining the heat insulation thickness for refrigerator holds. A. T. Mitsevich. Sudostroenie 25 no. 11:10-24 N '59.
Effective substitute for foamed concrete. B D. Popov. Biul. tekh inform. po stroi 5 no. 11:13 N '59.
Improving insulation for thermal networks to be used in construction for reduction of thermal losses. M G. Shperr. Prom energ. 15 no. 1:6-11 Ja '60.
Increasing the heat resistance of polyethylene insulating wires by subjecting them to ionizing radiation. V. I. Karpov and others. Khim. prom. no. 6:466-474 S '59.
"Production of heat-insulating, lightweight grog refractories" by M. A. Rabinovich, M. I. Krivoi, N. P. Mikhailov. Reviewed by G. G. Fel'dgandler. Ogneupory 24 no. 12:576 '59.
Section of heat insulation and acoustical materials. K. E. Gorlainov. Khim. nauka i prom. 4 no 5:672-673 '59
Supply construction projects with more new heat insulating materials. Stroi. i arkhit 7 no. 12:23 D '59
Thermal insulation and the external corrosion of underground heat lines. A P. Safonov. Elek. sta. 30 no. 12: 24-28 D '59.
Thermal investigations of large-block and panel walls. K. D. Khmeliuk. Nov. v stroi. tekh. no. 13:201-211 '59.

INSULIN
Clinical observations on the use of insulin in ophthalmology [with summary in English] P. Segal, E. Khentko. Oft. zhur. 14 no. 6:347-353 '59.
Excretory function of the stomach in diabetes mellitus patients before and after insulin treatment R. P. Makus' Vrach delo no 11 1209 N '59

INSULIN SHOCK THERAPY
Subcortical hyperkinesis and other motor phenomena occurring in patients during insulin coma [with summary in English]. A. E. Lichko. Fiziol. zhur. SSSR 45 no. 7: 811-819 Jl '59.

INSURANCE
Collection of problems with errors ("Government insurance in the U.S.S.R" by M. Shermenev, A. Ilovaiskii. Reviewed by N. Savinov, T. Pavlov). Fin. SSSR 21 no. 4:86-87 Ap '60.
Hidden potentialities for the further development of personal insurance. Fin. SSSR 21 no. 4:92-93 Ap '60.

INSURANCE, CASUALTY
Legal consultation. Sov. iust. no. 12:91 D '59.

INSURANCE, SOCIAL
(see also subdivision under Altai; Germany, West; India; Kirovograd Province; Krasnodar Territory; Krasnoyarsk Territory, Kurgan Province; Penza Province; Serdobsk)
The district social insurance department and its assistants. N. Kucheruk. Sots. obesp. 20 no. 12:17 D '59.
The district social insurance department is strengthening its contacts. I. Moskvin. Sots. obesp. 20 no. 12:14-15 D '59.
Editor's mail. Sots obesp. 20 no 11:61-64 N '59.
Every ruble should reach its destination. Sots. obesp. 20 no. 12:1-2 D '59.
For mass readers ("Social insurance in the U.S.S.R." by V. A. Aralov, A. V. Levshin. Reviewed by N. Reinova). Okhr. truda i sots. strakh. no. 12:74-75 D '59.
From birth to old age A Osipov. Sots. obesp. 20 no 11:41-42 N '59
Increasing role of communal funds in the improvement of the Soviet standard of living. S. Figurnov. Mosk. prop. 16 no. 12:47-53 D '59.
Krulikovskaia, V. P., P. T. Kiseleva, and A. I. Gorbunov. [Planning the government social insurance budget; textbook for workers of trade union councils, trade union province committees and factory and plant local committees] Planirovanie biudzheta gosudarstvennogo sotsial'nogo strakhovaniia; posobie dlia rabotnikov sovprofov, obkomov profsoiuzov i FZMK. [Moskva] Izd-vo VTSSPS, Profizdat, 1959. 158 p.
Who should get help? N Varchenko. Sots obesp. 20 no 11 40-41 N '59
You checked up, but what did you improve? Sots obesp. 20 no 11 1-2 N '59

INSURANCE, SOCIAL—APPROPRIATIONS AND EXPENDITURES see subdivision under Pskov Province

INSURANCE, SOCIAL—EMPLOYEES see subdivision under Pskov Province

INSURANCE, SOCIAL—PERIODICALS
"Tell us more about specific instances." V. Volodin. Okhr. truda i sots. strakh. no. [illegible] D '59

INSURANCE, SOCIAL—STUDY AND TEACHING see subdivision under Leningrad

INTEGRAL EQUATIONS
Approximate method for solving linear integral equations. [illegible] M Malokovich. Izv vys ucheb zav; mat no [illegible] 164-170 '59
Comments on the solution of singular multidimensional integral equations. S. G. Mikhlin. Dokl. AN [illegible] no. 5:1018-1021 Ap '60.
Dispersion relationship for the scattering of [illegible] relativistic particles by an external scalar field [with summary in English] V I Mal'chenko. Ukr mat zhur 11 no 3 256-266 '59
One class of singular integrodifferential equations. [illegible]. Dokl. AN SSSR [illegible]
Reduction of Cauchy's problem for a system of two partial differential equations with two unknown functions to a system of integral equations. [illegible] Izv vys ucheb zav; mat no 5 [illegible] '59
Solution of an integral equation [with summary in English]. O. IU. Vasylenko. Dop. AN URSR no [illegible]
Solving the wave equation of the problem of flow about a thin nonsymmetrical airfoil. N M. Mourdkhov. Izv. vys. ucheb. zav.; av. tekh. 2 no 4:40-51 '59
Uniqueness of the solution to Fredholm's integral equations of the first kind in the antenna theory. [illegible]. Dokl AN SSSR 132 no 1:91-94 My '60

INTEGRALS
Computing some singular integrals having Cauchy-type kernels. G. N. Pykhteev. Prikl. mat. i mekh. [illegible] 1074-1082 N-D '59.
Limit values for a multiplicative integral [with summary in English]. [illegible] Ukr mat zhur 11 no 3 276-286 '59
Limit values of the integrals [illegible] under Markov's conditions. A A Nudel'man. [illegible] SSSR 131 no. 6 [illegible] Ap '60.
Using the theoretical and numerical methods of integration in cases of nonperiodic functions. [illegible] Dokl. AN SSSR 132 no. 1 71-74 My '60

INTEGRATORS
Electromechanical integrator for remote measurement of consumption. V. I. [illegible]. Izv. vys. ucheb. zav.; [illegible] no. 3:15-20 '59.
Signs of coefficients in Cotes' quadrature formula. V. I. Krylov. Dokl AN BSSR [illegible] no. 11:435-439 N '59

INTERCHANGEABLE MECHANISMS
Applying the principle of over-all interchangeability used in the machinery industry to the construction of airplanes. I. A. Komarov. Izv vys. ucheb. zav.; av. tekh. 2 no 4: 127-131 '59.

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. [Interchangeability and mensuration in the manufacture of machines] Vzaimozameniaemost' i tekhnika izmerenii v mashinostroenii. Pod red. A. I. IAkusheva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 232 p. (Mezhvuzovskii sbornik, no. 1)

INTERFEROMETRY
Radioastronomical data from the second Soviet space rocket. V. V. Vitkevich and others. Dokl AN SSSR 132 no 1:85-88 My '60

INTERIOR DECORATION
Good taste in interior decorating. Z Krasnova. Sem'ia i shkola 15 no 1:44-45 Ja '60

INTERMITTENT FEVER see Malaria

INTERNAL FIXATION IN FRACTURES
A nail made of blood. G. Golovin. Neva no. 11:221-222 '59.
Shulutko, L. I. [Intramedullary nailing] Ob intramedulliarnom metallicheskom osteosinteze. Kazan', Tatknigoizdat, 1957. 14 p.
(DNLM)

INTERNAL FRICTION
Determining internal friction in metals. [illegible]. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:140-143 Mr-Ap '60.

[illegible]

INTERNATIONAL [illegible]
[illegible]

INTERNATIONAL [illegible]
[illegible]

INTERNATIONAL LAW
[illegible]
Vattel, [illegible]

INTERNATIONAL [illegible]
[illegible]

INTERNATIONAL RELATIONS
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

INTESTINAL [illegible] see [illegible]

INTESTINES
[illegible]

INTESTINES—[illegible]
[illegible]

INTESTINES—CANCER
[illegible]

INTESTINES—[illegible]
[illegible]

INTESTINES—[illegible]
[illegible]

INTESTINES—WOUNDS AND INJURIES
Closed injuries of the [illegible]

INTRA-ARTERIAL INJECTIONS see Injections, Intra-arterial

INTRAOCULAR PRESSURE

Influence of adrenaline on intraocular pressure and on the elastotonometric curve in healthy rabbits and in rabbits with tetraethyl lead intoxication [with summary in English] Z M. Skripnichenko. Oft. zhur. 14 no 8.493-495 '59.

INVALIDS—OCCUPATIONS

Improvement of working conditions for invalids in industrial cooperatives A I Ulitina Gig i san 24 no 11 76-78 N '59

INVENTIONS

(see also subdivision under White Russia)

Calendar of inventions. Izobr. i rats. no. 1:51 Ja '60.

Inventing should and must be taught E. Simonov. Izobr. i rats. no. 1 24-25 Ja '60.

New regulations on discoveries, inventions, and efficiency promoters' suggestions. Tekh.-kino i telev. 3 no. 11: 69-72 N '59

What is an invention? R. Bakhiamov. Izobr. i rats. no. 1: 52-54 Ja '60.

INVENTIONS, EMPLOYEES'

Best instruments should be put into mass production Put' i put khoz no 11 34-35 N '59

For an increased participation in mass efficiency promotion and inventions. A. Mamaev. Zhil.-kom. khoz. 9 no. 12:8-9 '59.

INVESTMENTS, AMERICAN see subdivision under Argentina

INVESTMENTS, BRITISH see subdivision under United States

INVESTMENTS, FOREIGN

(see also subdivision under Latin America)

Kamaev, V.D. [Capital exports; materials on a course in political economy] Vyvoz kapitala; materialy k lektsii po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 43 p. (Lektsii po politicheskoi ekonomii)

IODIDES

Quantitative determination of iodides in medicinal forms. M. K. Abramov. Apt. delo 8 no. 6:51-52 N-D '59.

IODIDES—PHYSIOLOGICAL EFFECT

Decrease in thyroid gland function in hypertension under the influence of certain substances. V. A. Kardash. Zdrav. Belor 5 no. 12:21-22 D '59

IODINE

Effect of soil liming and application of fertilizers containing chlorine on iodine absorption by plants. M. V. Katalymov, V. M. Chubanov. Dokl. AN SSSR 131 no. 5: 1191-1193 Ap '60.

Significance of determining very small iodine quantities for the study of rock genesis (based on a study of middle Quaternary deposits in the lower Ob' Valley) V. V. Baulin. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:149-157 '59.

Thermodynamic properties of elementary iodine [with summary in English]. B. I. Brounshtein, B. F. IUdin, O. S. Lukovskii. Zhur. fiz. khim. 33 no. 12:2773-2777 D '59.

IODINE—ANALYSIS

Determination of small amounts of iodine and bromine [In Georgian with summary in Russian]. S. G. Kurashvili. Trudy Inst. khim. AN Gruz. SSR 14:121-127 '58.

IODINE—ISOTOPES

Absorption of radioactive iodine by the thyroid gland in patients with mitral defects of a rheumatic nature. T. G Blestkina, A. N. Mitropol'skii, A. F Murchakova. Vrach. delo no 11:1207 N '59.

Experience with radioactive iodine in treating thyrotoxicosis. L. N. Kazakova. Vest. rent. i rad. 34 no. 2:90-91 '59.

Problem of radioactive iodine therapy in stenocardia; preliminary report (with summary in English). I. K. Grabenko, A. I. Dombrovskii, A. S. Kudinov. Vest. rent. i rad. 34 no. 2:31-34 Mr-Ap '59.

IODOMETRY

Iodometric determination of phthivazid. M. T. TSupikov. Apt. delo 8 no. 6:55-56 N-D '59.

IODOSO COMPOUNDS

Mechanism of the interaction between phenyliodoso compounds and some β-diketones. O. IA. Neiland, G. Vanaga. Dokl. AN SSSR 131 no. 6:1351-1354 Ap '60.

ION BEAMS—MEASUREMENT

Measurement of the width of an ion beam in the vicinity of the cyclotron source. N. D. Fedorov, IU. A. Kholmovskii. Prib. i tekh. eksp. no 6:27-29 N-D '59.

ION EXCHANGE

Calculating the interaction of steel and slag in the electric smelting process. A I. Kholodov. Trudy Ural. politekh. inst. no. 76:157-160 '59.

Dephenolization of shale tar water by means of an anionite. B. I. Ivanov, N. F. Sharonova, Z. F. Shal'man Trudy VNII T no. 8-213-219 '59

Desalting of process condensates of nitrogen fertilizer plants by means of ion-exchange resins. V. I. Atroshchenko and others. Khim. prom no. 6:499-501 S '59.

Determination of the exchange capacity of ionites by the isotope dilution method [with summary in English]. N. B Mikheev. Zhur. anal. khim. 14 no. 6 735-738 N-D '59.

Electrochemical study of the interaction between metallic iron and liquid slag (displacement of nickel from slags by the iron). S. E Vaisburd, V L. Kheifets Izv vys. ucheb. zav; tsvet met. 2 no 6:76-84 '59

Exchange-adsorption equilibrium on cellulose materials. G. M Skurikhina, V I. IUr'ev Izv vys ucheb zav.; les zhur. 2 no 6:130-136 '59.

"Inactive" sulfur content of sulfonic ion-exchange resins. A. A. Vasil'ev, V. A. Orestova, N. A. Nikolaeva. Zhur. prikl. khim. 32 no. 12:2650-2655 D '59.

Method of determining the exchange current on a solid metallic surface by means of radioisotopes. V. L. Kheifets, S E. Vaisburd. Zhur. prikl. khim. 32 no. 8 1781-1787 Ag '59.

Recovery of noble metals by anion-exchange resins from waste and industrial solutions of electrolytic copper plants. A B Davankov and others. Izv vys. ucheb. zav.; tsvet met. 2 no. 6:134-141 '59

Sorption of sulfate complexes of zirconium by a strongly alkaline anion exchanger. V. Špaček. Izv. AN SSSR Otd. khim. nauk no. 4:599-604 Ap '60.

Structure of chromium oxide and the equilibrium of its distribution in the liquid, iron-chromium-basic slag system A. I Pastukhov. Trudy Ural. politekh. inst. no. 75:82-103 '59.

Studying the sorption of cations and water in bentonites. Part I: Use of electrometric titration methods in the study of sorption of cations. M. V. Eirish. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:870-880 '59.

IONIZATION

Ionization in laminar flames. N. N. Inozemtsev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:59-66 Mr-Ap '60.

Kinetic theory of impact ionization in semiconductors [with summary in English]. L. V. Keldysh. Zhur. eksp. i teor. fiz. 37 no. 3:713-727 S '59.

Temperature dependence of the coefficient of ion reflection from a metallic surface. V. I. Veksler Dokl. AN Uz. SSR no. 11:9-12 '59.

IONIZATION OF GASES

Measuring gas speed by tracing the flow with ions. P. E. Suetin, G. T Shchegolev, R. A. D'iachenko. Prib. i tekh eksp. no. 6:111-114 N-D '59

IONOSPHERE

Determination of a "quiescent" ionosphere [with summary in English]. I. N. Odintsova. Izv. Krym. astrofiz. obser. 17:232-241 '57.

IONOSPHERIC RADIO WAVE PROPAGATION

Distortion of radio waves propagated in the ionosphere I M. Vilenskii, N A Zykova Izv. vys. ucheb zav.; radiofiz. 2 no. 4:543-552 '59.

Structure of the space propagation pattern and polarization of radiation from a reflector antenna. B. D. Kinber. Radiotekh. i elektron. 5 no. 5:720-726 My '60.

IONS

Measurement of the energy of ions in a strong pulse discharge. B. G. Brezhnev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:54-58 Mr-Ap '60.

Method using ionites for detecting ions in plant materials. I. K. TSitovich. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:846-851 '59.

Problem of "bound" and "free" water. A. U. Gorbanov and others. Izv. AN SSSR Otd. khim. nauk. no. 3:570-571 '60.

Source of negative ions. IA. M. Fogel', A. G. Koval', A. D. Timofeev. Zhur. tekh. fiz. 29 no. 11:1381-1387 N '59.

Statistical theory of the double layer at the metal - solution interface. V. G. Levich, V. A. Kir'ianov. Dokl. AN SSSR 131 no. 5:1134-1136 Ap '60.

Structure of aqueous solutions of electrolytes and the hydration of ions. O. IA. Samoilov. Itogi nauki; Khim. nauki 4:48-54 '59.

Theory of volume recombinations of ions. G. L. Natanson. Zhur. tekh. fiz. 29 no. 11:1373-1380 N '59.

IONS—MIGRATION AND VELOCITY

Measurement of transference numbers of Na^+ and Ba^{2+} in a $Na_2O \cdot BaO \cdot 4\,SiO_2$ melt. V. I. Malkin, V. V. Pokidyshev. Zhur. neorg. khim. 4 no. 11:2645-2646 N '59.

Theory of diffusion charging of particles with arbitrary shape [with summary in English]. IU. S. Sedunov. Inzh.-fiz. zhur. no. 12:57-63 D '59.

IRAN—BUDGET

Loud promises and bitter reality. V. Viktorov. Mezhdunar. zhizn' 7 no. 5:126-127 My '60.

IRAN—ECONOMIC CONDITIONS

Aggravation of the economic condition of the working class in Iran [with summary in English]. A. V. Bashkirov. Probl. vostokoved. no. 2:105-112 '60.

IRAN—HISTORY

Iranian revolutionary organization in Ashkhabad, 1907-1911 A. M. Matveev. Trudy IML. Turk. fil. no. 4:127-140 '59.

IRAN—LABOR AND LABORING CLASSES

Aggravation of the economic condition of the working class in Iran [with summary in English]. A. V. Bashkirov. Probl. vostokoved. no. 2:105-112 '60.

IRAN—POLITICS AND GOVERNMENT

Some facts concerning Lenin's acquaintance with progressive Iranian public figures [with summary in English] S. M. Aliev Probl. vostokoved no. 2:76-80 '60.

IRAQ—FOREIGN RELATIONS—RUSSIA

Press conference in Baghdad. Nov. vrem. 18 no. 17:16 Ap '60

IRAQ—RELATIONS (GENERAL) WITH RUSSIA

Old friendship. H. Kurylenko. Belarus' 15 no. 12:26 D '59.

IRAQ—TRADE UNIONS—CONGRESSES

First Congress of the Iraqi General Confederation of Trade Unions. Abdul Qadir Al-Ayubi. Vsem. prof. dvizh. no. 4:32-33 Ap '60.

IRAQ—WATERWAYS

Waterways of the Iraqi Republic. P. P. Vorob'ev. Rech. transp. 18 no. 12:54-55 D '59.

IRAQI ART see Art, Iraqi

IRELAND—POLITICS AND GOVERNMENT

Uglov, A. A. [Governmental system of Ireland] Gosudarstvennyi stroi Irlandii. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 58 p. (Gosudarstvennyi stroi stran mira)

IRIS (EYE)

Color photography of the iris of a human eye. E. G. Shner. Krat. soob. Inst. etn. no. 32:134-139 '59.

IRIS (PLANT) see subdivision under Transcaucasia

IRKUTSK—EVENING AND CONTINUATION SCHOOLS

Encouraging results. A. Shlakov. Prof.-tekh. obr. 16 no. 12:28 D '59.

IRKUTSK—MEDICINE—STUDY AND TEACHING

Teaching of therapy at the medical center. K. R. Sedov. Zdrav. Ros. Feder. 3 no 12:14-16 D '59.

IRKUTSK—TELEPHONE DIRECTORIES

Irkutsk. Gorodskaia telefonnaia set'. [List of subscribers to the Irkutsk city telephone system] Spisok abonentov Irkutskoi gorodskoi telefonnoi seti. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1958. 213 p. [MICROFILM]

IRKUTSK BASIN—WATER, UNDERGROUND

Formation of underground waters in Ordovician and middle Jurassic sediments in the northwestern part of the Irkutsk Coal Basin. I. S. Lomonosov. Trudy Vost.-Sib. fil. AN SSSR no. 10:137-147 '60.

IRKUTSK PROVINCE—PLANTS—FROST RESISTANCE

Wintering of some perennials in the Irkutsk-Balagansk forest steppe A. A. Gorshkova, O P. Radchenko Bot. zhur. 44 no 11:1600-1604 N '59.

IRON

(see also subdivision under Black Sea)

Angular energy distribution of gamma rays scattered by water and iron IU. A Kazanskii Atom. energ 8 no. 5:432-440 My '60

Geochemical origin of iron contained in sea water. V. V. Moklevskaia. Trudy Inst. Okean. no. 33:114-125 '59.

Hydrochemistry of iron in inland bodies of water. V. D. Konshin. Trudy Mosk. tekh. inst. ryb. prom i khoz. no. 10:21-42 '59.

Kinetics of carbon monoxide conversions in the presence of iron catalysts [with summary in English] IU. B. Kagan and others. Zhur. fiz. khim 33 no. 12:2706-2711 D '59

1-(1'-Haloferrocenyl)-boronic acids in the synthesis of ferrocene derivatives. A. N. Nesmeianov and others. Dokl. AN SSSR 131 no. 5:1088-1091 Ap '60.

Study of a passive iron electrode by a dynamic measurement of its capacitance [with summary in English]. A. M. Sukhotin, K. M. Kartashova. Zhur. fiz. khim 33 no 12: 2649-2651 D '59.

Synthesis of ferrocenylcarbinol ethers. A. N. Nesmeianov and others. Izv. AN SSSR Otd. khim. nauk. no. 3:554-555 '60.

Work function and catalytic activity of the iron contacts in the ammonia synthesis. R. Kh. Enikeev and others. Dokl. AN SSSR 131 no. 5:1126-1129 Ap '60.

IRON—ANALYSIS

Effect of iron on the colorimetric determination of chromium. R K Korabel'nik Izv vys. ucheb. zav., chern. met. no. 3:189-192 '60.

IRON—HEAT TREATMENT

Investigating the kinetics of recrystallization of technically pure iron during high speed electric heating. V.I. Ivanov, K A. Osipov Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 2:87-92 Mr-Ap '60.

IRON—MAGNETIC PROPERTIES

Determination of internal stresses in ferromagnetic layers. B. F. Rotenstein. Zav lab. no 11:1320-1330 '59

Numerical solution to the equation for the magnetic field in iron, taking saturation into account. A. S Kronrod Dokl AN SSSR 132 no 1 05-07 My '60

Use of a magnetic sonde in the analysis of magnetic anisotropy in rolled ferromagnetic materials. N. L. Briukhatov, G. I Kozhevnikov. Zav. lab. no. 11:1310-1322 '59

IRON—METALLOGRAPHY

Distribution of dislocations in commercial iron. IU. A. Skakov. Izv. vys. ucheb. zav.; chern met no 3:65-72 '60.

IRON—METALLURGY

Effect of vanadium additions on the self-diffusion of iron. M. S. Zelinskii and others. Fiz. met. i metalloved. 8 no. 5:725-730 N '59.

Khan, B. Kh. [Technical progress in ferrous metallurgy of the Ukrainian SSR in 1959-1965] Tekhnichnyi progres v chornii metalurgii SRSR v 1959-1965 rr. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 3)

Some problems of the kinetics and the mechanism of iron oxide reduction by carbon. V. K. Simonov, S. T. Rostovtsev Izv vys. ucheb. zav, chern. met no. 4:5-10 '60.

IRON—SPECTRA

Comparing measured and calculated intensities of iron multiplets [with summary in English]. O. A. Mel'nikov. Izv. GAO 20 no. 6:28-43 '58.

Spectral method for determining iron impurities in titanium chips. V. V. Gusarskii, I. A. Kuzovlev. Zav. lab. 25 no. 12:1464-1465 '59.

IRON—TESTING

Determining the relaxation time in the polymorphic transformation of iron. R. I. Garber, A. I. Kovalev. Fiz. met. i metalloved. 8 no. 5:785-788 N '59.

IRON—TOXICOLOGY

Data on the toxicology of radioactive iron. N. D. Sagaidak Gig. truda i prof zab 3 no 6:22-26 N-D '59

IRON ALLOYS

Air oxidation of cobalt and of an alloy of iron with a 13% cobalt content. V. V. Ipat'ev, V. F. Nizhel'skii, M. G. Vladimirova. Trudy LTA no. 80 pt. 3:47-60 '58.

Effect of phosphorus and manganese on the surface tension of iron-carbon alloys V. P. Grigor'ev and others. Izv vys. ucheb. zav., chern. met. no. 4:55-60 '60.

Particular type of pearlite in Fe--C--Si alloys [with summary in English]. IA. N. Malynochka, N H. Onaka, H. Z. Koval'chuk. Dop. AN URSR no. 12 1330-1333 '60.

IRON ALLOYS—ANALYSIS

Comparative accuracy of certain gravity methods of determining cerium S. A Gusinskaia. Izv. vys. ucheb. zav.; chern. met. no. 3:103-107 '60.

IRON ALLOYS—MAGNETIC PROPERTIES

Elastic constants of certain metalloceramic magnetically soft materials. O. A. Chekhova, I. N. Frantsevich. Vop. por. met. i prochn. mat. no. 6:36-41 '58.

IRON-ALUMINUM ALLOYS

Certain anomalies in the properties of iron-aluminum alloys and their nature [with summary in English]. P. P. Kuz'menko, P. V. Petrenko. Ukr. fiz. zhur. 4 no. 4 497-503 Jl-Ag '59.

IRON-ALUMINUM ALLOYS—METALLOGRAPHY

Calorizing products made of gray cast iron F. A. Al'ter-Pesotskii. Metalloved. i term obr. met no 12:51-52 D '59.

IRON-ALUMINUM ALLOYS—SPECTRA

Use of the spectral method for determining high concentrations of aluminum in Fe-Al alloys. N. V. Bulanov, N. P. Sukhova. Zav. lab. 25 no. 12:1479 '59.

IRON AND STEELWORKERS see subdivision under Cherepovets, Europe, Western; United Arab Republic; Zaporozh'ye

IRON CHLORIDE

Solubility of iron and calcium chlorides in trichlorosilane. O. A. Petrov, I. V. Vlasova, G. V. Zimina. Zhur. neorg. khim. 4 no. 11:2500-2501 N '59.

IRON-CHROMIUM ALLOYS—METALLOGRAPHY

Studying the fine crystal structure of Fe-Cr alloys under the effect of deformation G M Vorob'ev Izv vys ucheb. zav, chern met no 3:100-105 '60.

IRON-COBALT ALLOYS—METALLOGRAPHY

Analysis of changes in intensity and width of X-ray interference bands of Fe-Co alloys under the effect of deformation. G. M. Vorob'ev. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:101-110 [illegible] '59.

IRON CRYSTALS—MAGNETIC PROPERTIES

Effect of neutron bombardment on the magnetization curve of silicon-containing single crystals of iron V V Kitashin Dokl AN SSSR 133 no 1 102-104 My '60

IRON FOUNDING

Blast furnace iron founding P. D. Korolikin Lit proizv. no 12 3-4 D '59.

Crystallization of cast iron in the process of continuous casting. A D Popov. Lit proizv no 12 [illegible] D '59

Effect of the quality of original cast irons on founding properties. B. P. Sergievskii, A. IA. Kur[illegible] Izv. vys. ucheb. zav., chern. met. 2 no. 9:111-[illegible] '59.

Making intricate cast iron parts in multiple [illegible] molds. G I Gordon. Lit proizv no 12 [illegible] D '59

Overheating of cast iron in the cupola A V K[illegible], V P Chernobrovkin Lit proizv no 12 [illegible] D '59

Using the SB binder for large iron castings [illegible] Lit proizv. no. 12 [illegible] D '59

IRON IN THE BODY

Simultaneous determination of iron and calcium in bone tissue. I. P. P[illegible] [illegible] Ja-Fe '60.

IRON INDUSTRY

(see also subdivision under Bulgaria)

"Economics of ferrous metals in the national economy of the U.S.S.R." by R. M. Levin. Reviewed by [illegible] V Ivanov. Mashinostroitel' no. 1 44 Ja '60.

Ferrous metallurgy in capitalist countries in 1959. B. V. Fin[illegible]. Biul. tekh. ekon. inform. no [illegible] 70 '59.

Produce more metal for the country [illegible] no. 11 [illegible] '60.

IRON MINES AND MINING

(see also subdivision under Krivoy Rog)

Determining the economic efficiency of mining new, small iron ore deposits P V. Vaganov, A N. [illegible], V P Kompaneets. Izv. vys. ucheb. zav.; gor. zhur. no 3:12-25 '60.

Increasing labor productivity in auxiliary operations. G. E. Simforov. Gor. zhur. no. 1:10 [illegible] Ja '60

IRON-NICKEL ALLOYS—METALLOGRAPHY

Effect of high hydrostatic pressure on the transformation of austenite to martensite in an iron-nickel alloy. N. A. [illegible] Izv. vys. ucheb. zav.; chern. met. [illegible] 137-[illegible] '59.

Studying the texture of deformation and recrystallization of iron-nickel alloys (40 percent Ni) in relation to the degree of deformation during cold rolling. M. M. [illegible], N. P. Gromov. Fiz. met. i metalloved. 8 no. 5: 761-766 N '59.

IRON ORES see subdivision under Gornaya Shoriya, Kazakhstan; Kostomuksa region; Sverdlovsk Mountains; Ukraine

IRON OXIDE

Effect of the composition of iron oxide alumina catalysts on their activity in the oxidation of carbon [illegible] T G. Alkhazov, M. S Belen'kii Izv vys ucheb. zav.; neft' i gaz 2 no. 11 83-87 '59

IRON PLATING

Effect of electrolytic conditions on internal stresses of iron coatings. IU. N. Petrov. Dokl. AN Tadzh. SSR 2 no. 1:27-31 '59.

Methods for controlling iron electrolytes. I. IA. [illegible]shtein, A. Polatov. Dokl. AN Tadzh. SSR 2 no. 2 [illegible] '59.

IRON SILICATES—THERMAL PROPERTIES

Heat capacity of molten iron silicates. O. A. Esin, B. G. Dratchinkov. Trudy Ural. politekh. inst no 75:241-247 '59.

IRON-SILICON ALLOYS

Magnetization in ferromagnetics [with summary in English]. L. V. Kirenskii, M. K. Savchenko, I. F. Degtiarev. Zhur. eksp. i teor. fiz. 37 no. 3 616-619 S '59

IRON-SILICON ALLOYS—ELECTRIC PROPERTIES

Electric properties of alloys in the system FeSi - Si. A. I Gol'dberg, V. A. Lipatova, P V Gel'd Izv. vys. ucheb. zav, chern met no 4:121-127 '60

IRON-SILICON ALLOYS—METALLOGRAPHY

Nature of the ζα-phase in the Fe - Si system. F. A. Sidorenko, P. V. Gel'd, L. B. Dubrovskaia. Fiz. met. i metalloved. 8 no. 5:735-739 N '59.

IRON SULFATE

Study of the sulfation of iron, copper, and cobalt by sulfuric acid. V. V. Pechkovskii, N. I. Sitnikova. Zhur. prikl. khim. 32 no. 8 1857-1859 Ag '59.

IRONWORK

Development of [illegible]
V. II. IAk[illegible]

IRRIGATION

(see also [illegible] Turkmenistan [illegible])

Automatic [illegible]
V. II. [illegible]

Determining [illegible]
I. M. Korb[illegible]

Pavlov, A. V. [illegible]

[illegible]

Winter [illegible]

IRRIGATION—[illegible]

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IRRIGATION CANALS AND DITCHES

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IRRIGATION [illegible]

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[illegible] (Pamirskii [illegible] series, vol. 1)

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ISOCYANIC ACID
Some physical properties of tolylene-2,4-diisocyanate. N.A.Gol'dberg, V.I.Kucherlavyi, G.N.Zinov'ev. Zhur. prikl.khim. 32 no.12:2816-2819 D '59.

ISONICOTINIC ACID
Allergic medical bullous dermatitis. O.IA.Sandovskii. Probl.tub. 37 no.7:95-96 '59
Changes in the bioelectric mosaic of the cerebral cortex in depressive patients treated with iprazid [with summary in French]. F.A.Leibovich. Zhur.nevr.i psikh. 59 no.12:1470-1479 '59.
Effect of iprazid on the conditioned reflex activity of dogs [with summary in French]. A.P.Savinskaia. Zhur. nevr.i psikh. 59 no.12:1462-1469 '59.
Effect of phthivazide on the development of immunity in BCG vaccination in experiment [with summary in French]. L.I.Chernushenko. Probl.tub. 37 no.7: 81-84 '59
Immediate results of the treatment of pulmonary tuberculosis patients with tubazid, metazid, and phthivazid [with summary in English]. V.V.Utkin. Sov.med. 23 no.12:114-117 D '59.
Production of isonicotinic acid from the low-boiling fraction of coal tar bases. M.M.Potashnikov. Zhur.prikl. khim. 32 no.12:2777-2781 D '59.
Treatment of depressive states with iprazid [with summary in French]. A.K.Dobrzhanskaia. Zhur.nevr.i psikh. 59 no.12:1485-1488 '59.
Treatment of depressive states with iprazid [with summary in French]. T.N.Morozova. Zhur.nevr.i psikh. 59 no.12:1480-1484 '59.

ISOPRENE
Comparison of the properties of highly elastic synthetic rubbers with those of butadiene - styrene rubbers. I. I. Balandina, O.A. Markovich. Kauch.i rez. 18 no.11: 1-4 N '59.
Dehydrogenation of isopentane and isopentenes to form isoprene. IU.G.Mamedaliev and others. Trudy Inst. khim. AN Azerb. SSR 17:115-130 '59.
Formation of a linear dimer of isoprene on the complex catalyst $(i\text{-}C_4H_9)_3Al + TiCl_4$. I.I.Zakharkin. Dokl. AN SSSR 131 no.5:1069-1071 Ap '60.
Study of the vulcanization of synthetic isoprene rubbers at high temperatures. A.G.Shvarts, G.N.Buiko. Kauch.i rez. 18 no.12:1-4 D '59.
Synthesis of isoprene and piperylene based on n-butylenes and formaldehyde. A.M.Kut'in and others. Zhur.prikl. khim. 32 no.12:2783-2784 D '59.

ISOTOPES
Determination of the exchange capacity of ionites by the isotope dilution method [with summary in English]. N.N.Mikheev. Zhur.anal.khim. 14 no.6:745-750 N-D '59.
Isotopic exchange method for measuring saturated vapor pressure and diffusion coefficients. Part 1 [with summary in English]. V.I.Tovpachev. Zhur.fiz.khim. 33 no.12:2785-2790 D '59

ISOXAZOLE
Isoxazole series. Part 10: Mercuration of isoxazoles. N.K.Kochetkov, E.D.Khomutova. Zhur.ob.khim. 30 no.4:1269-1271 Ap '60.

ISSYK, LAKE
[Lake Issyk] Ozero Issyk. [Alma-Ata, 1959] 15 p.

ISSYK KUL'—CHIRONOMIDAE
Larvae of Tendipedidae in Rybach'ye Gulf, Lake Issyk Kul'. O.V.Gavrilov. Trudy Inst.zool.i paraz. AN Kir SSR no.7:301-304 '59

ISSYK-KUL'—FISHES
Food value of commercial fish from Lake Issyk Kul'. R.N.Odynets, P.P.Valuiskii, I.A.Fantalin. Trudy. Inst.zool.i paraz.AN Kir SSR no.7:289-301 '59

ISSYK-KUL'—TAPEWORMS
Plerocercoids of Diphyllobothrium from Diptychus dybowskii in Lake Issyk Kul'. K.I.Bessonov. Trudy Inst. zool.i paraz. AN Kir SSR no.7:133-140 '59

ISSYK-KUL'—TREMATODA
New representative of the genus Petasiger Dietz 1909 from the common cormorant. N.A.Ablasov, K.I.Bessonov. Trudy Inst.zool.i paraz. AN Kir SSR no.7:147-151 '59

ISSYK KUL' REGION—PEACH
Peaches in the Issyk-Kul' Depression. I.A.Tashmakov. Sad i og. 07 no.11:41-44 N '59.

ITALIAN LANGUAGE—DICTIONARIES—RUSSIAN
Dobrovol'skaia, IU.A., comp. [Italian-Russian dictionary] Karmannyi ital'iansko-russkii slovar'. 7000 slov. Moskva, Gos.izd-vo inostr.i natsional'nykh slovarei, 1959. 408 p.

ITALIANS see subdivision under Russia

ITALY—BICYCLE RACING
Golden wheel. A.Shakhnazarov. Fizk.i sport 29 no.11: 10-11 N '59

ITALY—DEFENSES
These are the facts. Agitator no.1:73 Ja '60.

ITALY—DESCRIPTION AND TRAVEL
Twelve days in Italy. I.Danilevich. Sov.muz. 24 no.1:173-177 Ja '60.

ITALY—EDUCATION
A book on school reforms in Italy ("School reform" [in Italian] by Mario Alicata. Reviewed by P.V.Titkov). Sov.pedag. 24 no.1:145-147 Ja '60.

ITALY—LABOR AND LABORING CLASSES
Readers' letters from Rumania, Cuba, and the Crimea. Nov.vrem. 18 no.20:31 My '60

ITALY—MOTION-PICTURE PLAYS
"General della Rovere." N.Zorkaia. Isk.kino no.1: 140-143 Ja '60.

ITALY—MOTION-PICTURE PROJECTORS
Universal "Victoria X" motion-picture projector. O.G. Khraban. Tekh.kino i telev. 3 no.11:79-80 N '59.
"Victoria-X" motion-picture projector. O.Khraban. Kinomekhanik no.12:35-37 D '59.

ITALY—MUSIC
Twelve days in Italy. I.Danilevich. Sov.muz. 24 no.1,173-177 Ja '60.

ITALY—POLITICS AND GOVERNMENT
Clouds over Rome. Nov.vrem. 18 no.19:24 My '60.
A prolonged political crisis. IU.Lopatin. Mezhdunar. zhizn' 7 no.5:122-123 My '60.
Togliatti, Palmiro. [Speeches in the Constituent Assembly. Translated from the Italian] Rechi v Uchreditel'nom sobranii. Moskva, Izd-vo inostr. lit-ry, 1959. 405 p.

ITALY—PRINTING INDUSTRY
Letter from Giovanni Maggioni, printer in Milan. Poligr. proizv. no.12:21-25 D '59.

ITALY—RUSSIAN LANGUAGE—STUDY AND TEACHING
Seminar in Genzano. I.Fakova. Moskva 3 no.11:216 '59.

ITALY—TAX EVASION
The novel nature of the "register of paupers." Nov.vrem. 18 no.20:21 My '60

ITURUP ISLAND—INFUSORIA
Parasitic infusorians from sea urchins of the shore area of southern Kurile Islands [with summary in English]. Andr Strelkov. Zool.zhur. 38 no.1:23-30 Ja '59.

IUDENICH, NIKOLAI NIKOLAEVICH, 1862-1933
The failure of IUdenich. G.Karaev, O.Riss. Neva no.10:170-174 '59

IUNUSOV, SABIR IUNUSOVICH, 1909-
Saluting S.IU.IUnusov, member of the Uzbek Academy of Sciences. Uzb.khim.zhur. no.6:3 '59.

IUR'EV, VASILII IAKOVLEVICH, 1879-
Academician Vasilii IAkovlevich IUr'ev, an outstanding plant breeder. V.I.Didus'. Vest.sel'khoz.nauki 4 no.12:3-7 D '59

IVANOV, ANATOLII STEPANOVICH, 1928-
Great feelings ("Alka's songs" by A.Ivanov. Reviewed by O.Voitinskaia). Moskva 3 no.10:210-211 '59.

IVANOV, BORIS VASIL'EVICH, 1906-1959
Boris Vasil'evich Ivanov; an obituary. Ogneupory 24 no.12:578-579 '59.

IVANOV, NIKOLAI NIKOLAEVICH, 1900-1959
Nikolai Nikolaevich Ivanov, obituary. A.M.Alpat'ev and others. Izv AN SSSR.Ser.geog. no.2:148 Mr-Ap '60

IVANOVO—BOOKSELLERS AND BOOKSELLING
Study and work keep step. K.L'vov, L.Ryzhov. Nar. obr. no.5:54-59 My '60.

IVANOVO—DISEASES—REPORTING
"Data on the incidence of disease among the population of Ivanovo", "Nauchnye trudy" of the Semashko Institute on Public Health Organization and the History of Medicine, vol.1. Reviewed by S.IA.Freidlin. Sov.zdrav. 19 no.1:93-94 '60

IVANOVO—POWER ENGINEERING—STUDY AND TEACHING
Ivanovo Power Engineering Institute during the past 40 years. B.I.Shapochnikov. Sbor.nauch.trud.IEI no.8:3-8 '58.

IVANOVO—PRINTING AS A TRADE
Study and work keep step. K.L'vov, L.Ryzhov. Nar. obr. no.5:54-59 My '60.

IVANOVO—RESTAURANTS, LUNCHROOMS, ETC.
Ivanovo's restaurant "Zaria." A.Brianskii. Obshchestv. pit. no.10:61 O '59.

IVANOVO—ROCKETS—MODELS
Make way for our rocket models. V.Goncharov and others. Kryl.rod 10 no.11:5 N '59.

IVANOVO—TEXTILE INDUSTRY
Friendship is born this way. I.Mironov. NTO no.11: 27-28 N '59

IVANOVO—TEXTILE RESEARCH
Reflect vital problems in planning. L.Shorygina, S.Bezenov. NTO no.11:54-55 N '59.

IVANOVO—TRADE UNIONS
New methods for working with the active members of trade unions. V.Doketova. Zhil.-kom.khoz. 9 no.12: 14-15 '59.

IVANOVO (IVANOVO PROVINCE)—DRILL PRESSES
Changing the design of the jaw chuck of a button drill. M.Krymov. Mias.ind.SSSR 30 no.2:41-42 '59.

IVANOVO PROVINCE—MANUFACTURES
Small-scale commodity production in the second half of the 18th century and the genesis of capitalist manufacture, a study based on the Ivanovo industrial region. A.M.Razgon. Ist.SSSR 3 no.6:63-82 N-D '59.

IVANOVO PROVINCE—SOILS—ELECTRIC PROPERTIES
Excursion of pioneers. N.Lobatsevich. Radio no.12:10 D '59.

IVANOVO PROVINCE—SYMPHONY ORCHESTRAS
Concerts at collective farms. A.Motov. Sov.muz. 24 no.1:147-150 Ja '60.

IZHEVSK—MOTORCYCLE INDUSTRY
Promoting automation. G.Pisarev, A.Modzelevskii. Za rul. 17 no.11:4-5 N '59

JACKS, HYDRAULIC see Hydraulic jacks

JAPAN—COMMUNIST PARTY
Sen Katayama and the establishment of the Japanese Communist Party. Soichiro Matsumoto. V pom.polit. samoobr. 3 no.12:54-58 D '59.

JAPAN—COMMUNIST PARTY—CONGRESSES
Nihon Kyōsantō. [The Seventh Congress of the Communist Party of Japan in Tokyo, July 23-August 1, 1958] VII s"ezd Kommunisticheskoi partii IAponii, Tokio, 23 iiulia - 1 avgusta 1958 goda. Moskva, Gos.izd-vo polit.lit-ry, 1959. 463 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

JAPAN—DEFENSES
Notwithstanding the will of the Japanese people. S.Verbitskii. Mir.ekon.i mezhdunar.otn. no.5:104-105 My '60
A realistic appraisal of Japan's situation and its military alliance with the United States. V.Smolenskii, S.Bykov. Mezhdunar.zhizn' 7 no.5:59-67 My '60.
U.S. Military "Aid" to Japan [with summary in English]. A.I.Dinkevich. Probl.vostokoved. no.2:123-134 '60

JAPAN—EVOLUTION
Development of the science of evolution in Japan. S.Kaya. Agrobiologiia no.6:844-845 N-D '59.

JAPAN—FOREIGN RELATIONS
In the words of Premier Khrushchev are embodied our dreams. Kaoru Yasui. Sovr.Vost. no.4:39-41 Ap '60.

JAPAN—FOREIGN RELATIONS—UNITED STATES
Notwithstanding the will of the Japanese people. S.Verbitskii. Mir.ekon.i mezhdunar.otn. no.5:104-105 My '60.
A realistic appraisal of Japan's situation and its military alliance with the United States. V.Smolenskii, S.Bykov. Mezhdunar.zhizn' 7 no.5:59-67 My '60.

JAPAN—JUVENILE DELINQUENCY
These are the facts. Agitator no.1:73 Ja '60.

JAPAN—MILITARY ASSISTANCE, AMERICAN
U.S. Military "Aid" to Japan [with summary in English]. A.I.Dinkevich. Probl.vostokoved. no.2:123-134 '60.

JAPAN—PEASANT UPRISINGS
Peasant uprisings in Japan, 1750-1840 [with summary in English]. D.P.Bugaeva. Probl.vostokoved. no.2: 46-60 '60.

JAPAN—PHILOSOPHY
Encounters with Japanese philosophers. L.A.Chasovitina. Vop.filos. 14 no.4:170-181 '60.

JAPAN—WAGES
Facts about low wages in Japan. H.Ido. Vsem.prof.dvizh. no.4:40-3 of cover Ap '60.

JAPAN, SEA OF—COAST CHANGES
Study of shore dynamics and morphology in the Sea of Okhotsk and the Sea of Japan. A.T.Vladimirov, V.S. Medvedev. Trudy Okean.kom. no.4:215-221 '59.

JAPANESE LITERATURE—HISTORY AND CRITICISM
"Articles on modern Japanese literature" by K. Kurahara Reviewed by P P. Petrov [with summary in English] Probl vostokoved no. 2:198-200 '60.

JAPANESE TRENCH—WATER—COMPOSITION
Hydrochemistry of the region of the Kurile-Kamchatka Trench. Report No 2: Hydrology and chemistry of upper subarctic waters in the region of the Kurile-Kamchatka Trench. D. A. Smetanin Trudy Inst. Okean. no 33:43-86 '59

JAVA TEA see subdivision under Abkhazia

JAWS—DISEASES
Acute and chronic (during exacerbation stage) odontogenous inflammatory process of the jaws in an x-ray picture. E. E. Platonov. Vest. rent. i rad. 34 no. 2 88-89 Mr-Ap '59.
Case of purulent leptomeningitis of odontogenic origin [in Azerbaijani with summary in Russian]. I M. Kurbanov Azerb med zhur no 11 69-71 N '59
Clinical aspects of odontogenic inflammatory processes of the parotid masticatory region. P M. Egorov. Stomatologiia 38 no 6:19-26 N-D '59
Congenital marble disease and its manifestation in the maxillofacial region. N. G Popov. Stomatologiia 38 no. 6 57-58 N-D '59

JAWS—FRACTURE
Splinting of fractures of the jaws by methacrylate splints fastened by capron thread and self-hardening plastics. F L. Gardashnikov. Ortop, travm i protez. 20 no. 4:73-75 Ap '59.

JAWS—TUMORS
Kozyreva, A. L. [Clinical aspects and treatment of adamantinomas, odontomas, and cementomas] Klinika i lechenie adamantinom, odontom, tsementom. Moskva, Medgiz, 1959. 123 p. (Biblioteka prakticheskogo vracha) (DNLM)
Some clinical and morphological data on eosinophilic granuloma of the jaws. B. I. Migunov, A A. Kolesov. Stomatologiia 38 no 6.47-54 N-D '59.

JERUSALEM—ORTHODOX EASTERN CHURCH, RUSSIAN
News of the Russian Church Mission in Jerusalem. Zhur. Mosk. Patr no 3:16-21 Mr '60

JERUSALEM ARTICHOKE
Fructosan synthesis in vegetative organs of Helianthus tuberosus L. S. M. Strepkov. Dokl. AN SSSR 131 no. 5:1183-1186 Ap '60.

JET PLANES
Fedorov, V. I. [Construction of jet planes] Konstruktsiia reaktivnykh samoletov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 265 p.

JET PLANES—FUEL
Normal alkanes included in the composition of liquid fuels for jet engines and the synthesis of some of their analogs [in Georgian with summary in Russian]. Trudy Inst. khim. AN Gruz. SSR 14:177-191 '58.

JET PROPULSION
Abiants, V. Kh. [Jet engines and high speed] Reaktivnye dvigateli i bol'shie skorosti. Moskva, Izd-vo "Znanie," 1960. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 4, Nauka i tekhnika, no. 6)

JET STREAM see subdivision under Transcaucasia

JET TRANSPORTS—SPEED
The cities are becoming closer. I. Arakelian. Grazhd. av. 16 no. 9.10 S '59.

JOB ANALYSIS
Methodology of job analysis in the radio industry. L. Soskin. Sots. trud 4 no. 7:71-74 Jl '59.
New job analysis manual ("Job analysis manual for workers in the coal and shale industries," Reviewed by A. Dovba, M. Tiurin). Sots. trud 4 no. 7:151-153 Jl '59.

JOINTER (WOODWORKING MACHINE)
Using end milling cutters for the modernization of jointing machines, N. S. Kuz'mich. Nauch. dokl. vys. shkoly; no. 2:167-168 '59.

:S
ı hemolytic osteoarthrosis; preliminary [with summary in English] E. Z. Nogemat. i. perel. krovi 4 no 12:31-34

RIC, 1900-1958
[Frederic Joliot-Curie] Frederik Moskva, Gos. izd-vo polit. lit-ry, 1958.

 odivision under China; Estonia; Georgia; Lithuania; Turkey, Turkmenistan, United kistan)
ı pointed out by the party , P. A. Satiukov, ıo. 12:83-84 D '59.

Carry out profound and vivid promotional work. Sov. pech. no. 12 97 D '59.
Consult oftener with the readers. F N Petrov Sov. pech. no 12 74-75 D '59
Each newspaper has its own character F. Kletskov. Sov. pech no 12 48-49 D '59
Extend the range of ideological work L Il'ichev Sov pech no 12 67-68 D '59.
Help the "little" press V Plaksin Sov pech no 12 43-44 D '59
Is there a more interesting profession? Boris Polevoi Sov pech no 12 52 D '59.
Journalism is a vocation A Adzhubei Sov pech no 12 41-43 D '59
A journalist's work is respected. M. Kurtynin Sov pech no 12 39-40 D '59
Let us justify the confidence of the party in us. I Pedaniuk Sov. pech no 12 36-38 D '59
Letters to the editor. Rab.-krest. korr. no 12:51-58 D '59.
Look at the roots of the trouble. A. Galaichuk. Rab.-krest. korr. no. 12 41-44 D '59
More about the good. Rab.-krest. korr. no. 12:3-8 D '59
Moscow. Universitet. Fakul'tet zhurnalistiki. [History of Russian journalism; articles and materials] Iz istorii russkoi zhurnalistiki; stat'i i materialy. Pod red. A. V. Zapadova. [Moskva] 1959. 257 p.
Newspapers and writers Aleksei Surkov Sov pech no 12:44-45 D '59
Our pen is not getting rusty. Rab.-krest. korr. no. 12: 76-85 '59
Questions and answers. Rab.-krest. korr. no. 12:94-95 D '59.
Soviet journalists are well-tested assistants of the Communist Party P A Satiukov Sov. pech no 12 14-31 D '59
The Soviet press should be the most powerful and the most militant, N S Khrushchev Sov pech no 12 2-8 D '59
Survey of letters, Rab.-krest. korr. no. 12:59-62 D '59.
There are no limits to creative effort P Darienko. Sov. pech no 12 19-50 D '59.
To the Central Committee of the CPSU. Sov. pech. no. 12: 9-10 D '59
Value highly your title of Soviet journalist B. Burkov Sov pech no 12 54-55 D '59
We shall follow the precepts of the great Lenin. V. A Karpinskii Sov pech no 12 13 D '59
Weapons of truth IUrii Zhukov. Sov pech no 12 45-46 D '59
What does Comrade Agapov's error consist of? N. Moskvitin. Rab.-krest korr. no 12:37-39 D '59.
What makes the district journalists anxious. A. Grishin. Sov. pech. no. 12:78-79 D '59.
Young generation. IU. Voronov. Sov pech no. 12:65-66 D '59.

JOURNALISM—CONGRESSES
Greetings from the Central Committee of the CPSU to the First All-Union Congress of Soviet Journalists. Isk kino no 12:1 D '59.
Journalists discuss the results of the All-Union Congress. Sov. pech. no. 12:94-96 D '59.
Our holiday; notes by a delegate to the congress K. Taradankin Sov pech no 12:35-39 D '59.
Report of the Credentials Committee. M D. Ovsiannikova. Sov pech no 12:47 D '59.
To the First All-Union Congress of Soviet Journalists; greetings from the Central Committee of the CPSU. Sov pech no 12 1 D '59
Unforgettable days. Sov. pech no 12:11-12 D '59

JOURNALISM—STUDY AND TEACHING see subdivision under Armenia

JOURNALISM, AGRICULTURAL
Meditation on numbers. E. Leshchinskii. Rab.-krest. korr. no. 12:17-19 D '59.
Urgent problems in the dissemination of the progressive practice of virgin-land farm management. S. Nikolaeva. Ekon. sel'khoz. 30 no. 8:117-119 D '59.

JOURNALISM, LABOR
How a labor journalist was insulted by the "Luganskaia Pravda." F Kozhukhov Rab-krest. korr. no. 12: 35-56 D '59.
Labor and agricultural journalists are our comrades-in-arms G. Makeeva. Sov. pech. no 12 73-74 D '59
Promoters of the seven-year plan. P Kireev. Sov pech. no. 12.58 D '59.
This won't do! Rab.-krest. korr. no. 12:32-34 D '59.
Through the pages of factory newspapers. Rab.-krest. korr. no. 12:20-31 D '59.

JOURNALISM, MILITARY
In the same ranks. F. Golikov. Sov. pech. no 12:50-51 D '59.
Troitskii, I. P. [War correspondents] Voenkor. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 118 p.

JOURNALISTS
Central Inspection Committee of the Union of Journalists of the U. S. S. R. Sov. pech. no. 12:91 D '59.
Fighters for the cause of our party. Ukraina no. 23 1 D '59.
For the collaboration of all honest journalists. Jean Maurice Erman Sov. pech no 12 62-63 D '59
Officers of the Union of Journalists of the U. S. S. R. Sov. pech. no. 12.90-91 D '59.
Plenum of the officers of the Union of Journalists. Sov. pech. no. 12 91 D '59.
Soviet journalists are fighters for peace and friendship between peoples Slavcho Vasev. Sov. pech no 12 71-72 D '59
Statutes of the Union of Journalists of the U. S. S. R. P. F Erofeeva Sov. pech. no 12 32-35 D '59
Statutes of the Union of Journalists of the U. S. S. R. Sov. pech. no. 12:87-89 D '59.
Work of the organization bureau and the tasks of the Union of Journalists of the U. S. S. R. Sov. pech. no. 12 85 88 D '59.

JUDAISM
In what respect Judaism is close to Christianity T Kychko Nauka i zhyttia 8 no. 10 58 O '59

JUPITER (PLANET)
Photographing Jupiter with an ocular magnification. IU. P. Vlasov, I. T. Zotkin, Biul. VAGO no. 24.45 53 '59

JURINEA
Studying alkaloids of plants of the genus Jurinea. S. IU. IUnusov, A. Abdusamatov, Kh. A. Abduazimov. Dokl AN Uz. SSR no. 11:29-31 '59.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Hungary; Ves'yegonsk District)
Draft of the recommended statute of committees on juvenile delinquency. M. Anlianta, M. Isaenko. Sov. iust. no. 12:10-15 D '59.

JUTE see subdivision under Ukraine

JUVENILE AUTOMOBILE DRIVERS see subdivision under Kharkov

JUVENILE DELINQUENCY
(see also subdivision under Japan)
Draft of the recommended statute of committees on juvenile delinquency. M. Anliants, M. Isaenko. Sov. iust. no. 12:10-15 D '59.
More attention to popular initiative. A. Korneev, D. Pivelev. Sots. zakon. 36 no. 12 7-10 D '59

KAAKHKA DISTRICT—TUBERCULOSIS
In the Collegium of the Ministry of Public Health of the Turkmen S. S. R. Zdrav. Turk. 3 no 5:45-47 S-O '59.

KABARDIANS
Borbekov, Kh. M. [Formation and development of the socialist Kabardian nation] Obrazovanie i razvitie kabardinskoi sotsialisticheskoi natsii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1958. 321 p.

KABARDINO-BALKAR A. S. S. R.—ECONOMIC CONDITIONS
Borbekov, Kh. M. [Formation and development of the socialist Kabardian nation] Obrazovanie i razvitie kabardinskoi sotsialisticheskoi natsii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1958. 321 p.

KABARDINO-BALKAR A. S. S. R.—EDUCATION
Help of the local soviets. M. Fedin. Nar. obr. no. 5: 140-141 My '60.

KABARDINO-BALKAR A. S S R.—PLANT INTRODUCTION
Introduction of useful plants from the flora of the Kabardino-Balkar A. S. S. R. IU. I. Kos. Trudy Bot. Inst Ser 6 no. 7:449-454 '59.

KACHALOV, V. I.
Kachalov and Chekhov. V. Vilenkin. Teatr 21 no. 2 131 132 Ja '60.

KAFAN DISTRICT—MALARIA
Eradication of malaria in Kafan District, Armenia. K. M. Dekhtsunian. Med. paraz i paraz. bol 28 no 5 536-540 S-O '59.

KAIUMOV, MALIK
Malik Kaiumov's handwriting. K. Slavin. Isk. kino no. 1 97-99 N '59.

KAKHOVKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Propaganda means persuasion. Agitator no. 23:54 55 D '59.

KAKHOVKA RESERVOIR
Erosion of loess shores of the Kakhovka Reservoir. V. I Griaznov, V. K. Rudakov. Gidr. stroi. 28 no. 4 32-31 Ap '59.

KÁLA-AZÁR
(see also subdivision under Ashkhabad)
Three-day treatment of visceral leishmaniasis with the gluconate of sodium antimonate. Liu Me-an, T'ang I-shih, Chang Yao-chung. Med. paraz. i paraz. bol. 26 no. 6:740 N-D '57.

KALANDADZE, L. P., 1899-
Anniversary of Academician L. P. Kalandadze. G. I. Kanchaveli. Zashch. rast. ot vred. i bol. 4 no. 3:59 My-Je '59

KALE
(see also subdivision under Dnepropetrovsk Province, Leningrad Province)
Abyssinian sea kale (Crambe abyssinica Hochst.), a new oilseed plant and possible regions for its cultivation. E. V. Kucherov. Trudy Bot. inst. Ser. 6 no. 7:121-123 '59

KALININ, MIKHAIL IVANOVICH, 1875-1946
Dates, events, and people. Komm. Bel. 33 no. 11:76-78 N '59.

KALININ PROVINCE—COLLECTIVE FARMS—ACCOUNTING
Practice in training accountants for work involving monetary payment of wages to collective farmers. E. S. Sidorov, A. S. Mochalov. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11:58-60 N '59.

KALININ PROVINCE—DEAF—EDUCATION
More about the Kosharovo school. I. Labunskii. Zhizn' glukh. 12 no. 11:12 N '59.

KALININ PROVINCE—TECHNICAL EDUCATION
Brief news. Sred. spets. obr. 6 no. 12:59 D '59

KALININGRAD—MOTION-PICTURE THEATERS
Three months ahead of time. IU. Shchegolev. Kinomekhanik no. 12:9 D '59.

KALININGRAD—STUDENT ACTIVITIES
Art activities are one of the ways to educate youth. N. E. Sheinblit. Sred. spets. obr. 6 no. 11:59 N '59.

KALININGRAD PROVINCE—MATERNITY HOMES
Initial experience in the work of the province maternity home. V. L. Lapidus. Zdrav. Ros. Feder. 3 no. 12:31-34 D '59.

KALININGRAD PROVINCE—OBSTETRICS—STUDY AND TEACHING
Organization of training for midwives of Kaliningrad Province. A. M. Kolikova. Zdrav. Ros. Feder. 3 no. 12:28-31 D '59.

KALININGRAD PROVINCE—PARASITES
Ecological and parasitological study of biocoenoses in some lakes of Kaliningrad Province. Report No. 3. Parasite fauna of fishes [with summary in English]. M. N. Golikova. Vest. LGU 15 no. 9:110-121 '60.

KALININGRAD PROVINCE—TAPEWORMS
Biology of some tapeworms parasitic in water birds. M. N. Golikova. Dokl. AN SSSR 131 no. 5:1222-1224 Ap '60

KALUGA—LANGUAGE AND LANGUAGES—COMPETITIONS
A useful form of work. P. F. Monakhov. Inostr. iaz. v shkole no. 6:118-119 N-D '59.

KALUGA—RESTAURANTS, LUNCHROOMS, ETC.
Following the initiative of the cookery council. L. Levitskaia. Obshchestv. pit. no. 10:3-4 O '59.

KALUGA GOVERNMENT—HISTORY
Kommunisticheskaia partiia Sovetskogo Soiuza. Kaluzhskii oblastnoi komitet. [Unforgettable years; reminiscences by old Bolsheviks] Nezabyvaemye gody; vospominaniia starykh bol'shevikov. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1959. 194 p.
(MH)

KAMA RESERVOIR—ALLUVIUM
Formation of shoals in the Kama Reservoir. I. A. Pecherkin. Gidr. stroi. 29 no. 12:23-25 D '59.

KAMA VALLEY—CONCRETIONS
Upper Permian concretions in the Kama Valley. N. I. Chernyshev. Sov. geol. 2 no. 10:138-139 O '59.

KAMA VALLEY—GEOLOGY, STRATIGRAPHIC
Division of the Tournai-Vise terrigenous formation in the southern Kama-Kinel' Depression [with summary in English]. N. N. Sokolova, G. I. Teodorovich, R. O. Khachatrian. Sov. geol. 2 no. 10:20-32 O '59.

KAMCHATKA—COAST CHANGES
Evolution of the shore of western Kamchatka during the Quaternary period. A. T. Vladimirov. Trudy Okean. kom. no. 4:101-108 '59.

KAMCHATKA—FROZEN GROUND
Peat mounds of Kamchatka. N. G. Bobov. Trudy Inst. merzl. AN SSSR 16:60-71 '60.

KAMENETS DISTRICT—AGRICULTURE
Growing activity of toilers in collective farm villages. I. Kliuchenkov. Komm. Bel. 33 no. 11:25-28 N '59.

KAMENKA-DNEPROVSKAYA DISTRICT—STATE FARMS
We'll reach the new goals in the coming year. N. Shpachenko, A. Maksimov. Nauka i pered. op. v sel'khoz. 9 no. 12:5-6 D '59.

KAMENNAYA STEPPE—WATER, UNDERGROUND
Long-range forecast of the change in ground water level in Kamennaya Steppe. Z. A. Korobeinikova, V. A. Korobeinikov. Razved. i okh. nedr 25 no. 10:39-41 O '59.

KAMENSK'-URAL'SKIY—STUDENT ACTIVITIES
Honor guarantee. M. Zlatogorov. Ogonek 37 no. 52:7 D '59

KANEV DISTRICT—GEOLOGY, STRATIGRAPHIC
Upper Albian sediments of the Kanev dislocation [with summary in English]. IE. IA. Kraieva. Dop. AN URSR no. 11:1238-1241 '59.

KANEV REGION—WATER, UNDERGROUND
Hydrochemical characteristics of ground waters in the alluvium of the Kanev region. D. V. Zakrevs'kyi, I. IA. Faibyshenko. Nauk. zap. Kyiv. un. 16 no. 14:209-212 '57

KANONERKA REGION—FOREST ECOLOGY
Relation between the distribution of herbaceous vegetation and the mechanical composition and humus content of sandy soils in the dry pine forests of the Irtysh Valley. I. P. Povaliaeva. Nauch. dokl. vys. shkoly; biol. nauki no. 2:128-131 '60.

KANSK—WOOD-USING INDUSTRIES—COSTS
Resources and means of lowering the production costs at the Kansk Hydrolysis Plant. A. I. Kozlov, S. A. Kan. Gidroliz. i lesokhim. prom. 12 no. 8:23-24 '59.

KANT, IMMANUEL, 1724-1804
Shashkovich, P. D. [Immanuel Kant's theory of knowledge] Teoriia poznaniia Immanuila Kanta. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 303 p.

KAOLIN
Sedimentation volumes of polydisperse kaolin suspensions in solutions of nonelectrolytes [with summary in English]. G. G. Kandilarov. Koll. zhur. 21 no. 6:650-652 N-D '59.
Study of new methods for concentrating kaolins [with summary in English]. B. S. Lysin. Dop. AN URSR no. 12:1340-1343 '59.

KAPELIUSHNIKOV, MATVEI ALKUNOVICH, 1886-1959
M. A. Kapeliushnikov, obituary. Neftianik 4 no. 9:35 S '59.

KAPIEV, EFFENDI, 1909-1944
Effendi Kapiev. V. Kanarsh. Chto chitat' 2 no. 12:20 D '59

KARA BAY—FISHERIES
Fish fauna and fisheries of the Kara Bay (according to the materials of the Kara Sea Expeditions of 1945-1946). E. I. Ivanova. Probl. Sev. no. 3:78-90 '59.

KARA-KALPAK—ECONOMIC CONDITIONS
Fraternal cooperation. D. Seitniiazov. Agitator no. 23:16-19 D '59.
Tadzhimuratov, A. T. [Economic and cultural development of the Kara-Kalpak A.S.S.R. during the Soviet regime on the 40th anniversary of the Great October Revolution] Razvitie ekonomiki i kul'tury Kara-Kalpakskoi ASSR za gody Sovetskoi vlasti; k 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Nukus, Karakalpakskoe gos. izd-vo, 1958. 90 p.

KARA-KUL', LAKE—FRESH-WATER FAUNA
Formation of the Kara-Kul' Lake fauna (Pamirs). V. F. Gurvich. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:81-109 '58.

KARA KUM—POLYMERIZATION
Polymers in the desert. O. Hryniuk. Ukraina no. 2:8 Ja '60.

KARA KUM CANAL—SANITATION
Hygienic and epidemiological characterization of the Kara-Kum Canal (first part). K. A. Kuliev, B. G. Bagirov. Zdrav. Turk. 3 no. 5:27-30 S-O '59

KARA SEA—SHIPPING
Problems in the development of transportation on the Kara Sea via the straits of the Novaya Zemlya. I. L. Freidin. Probl. Sev. no. 3:128-136 '59.

KARA-TAU—STONE IMPLEMENTS
Discovery in Kara-Tau. Sov. Kazakh. 25 no. 5:123-124 My '59.

KARABANOV, GEORGII GRIGOR'EVICH, 1899-
Georgii Grigor'evich Karabanov; on his sixtieth birthday. F. A. Spektor, M. P. Pavlovskii, O. V. Fil'ts. Nov. khir. zhur. no. 6:126-127 N-D '59.

KARACHAEVS
Origin of the Balkarians and the Karachaevs. L. I. Lavrov. Krat. soob. Inst. etn. no. 32:3-7 '59.

KARACHUKHUR-ZYKH (APSHERON PENINSULA)—OIL FIELD BRINES
Formation waters in the Karachukhur-Zykh oil field. L. L. Zargarian. Geol. nefti i gaza 3 no. 12:41-46 D '59.

KARADEPE—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
The upper strata of the Karadepe settlement; based on materials of the Joint Southern Turkmenistan Archaeological Expedition in 1956. I. N. Khlopin. Krat. soob. IIMK no. 76:12-19 '59

KARAGANDA—BURSITIS
Traumatic bursitis in miners in Karaganda. IA. E. Lamm. Sov. med. 23 no. 12:110-113 D '59.

KARAGANDA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
In the forefront of miners. Kh. Abdrakhmanov. Part. zhizn' Kazakh. 20 no. 6:35-37 Je '59.

KARAGANDA—FINANCE
Increase control through the ruble. K. Badin. Nar. khoz. Kazakh. no. 11:67-71 N '59.

KARAGANDA BASIN—COAL MINERS
Formation of a mining proletariat in the Karaganda region 1857. E. Dil'mukhamedov. Vest. AN Kazakh. SSR 15 no. 11:53-62 N '59.

KARAGANDA BASIN—COAL MINERS—DISEASES AND HYGIENE
Pathogenesis, treatment, and prevention of traumatic chronic bursitis among miners. D. L. TSitlin, IA. E. Lamm. Gig. truda i prof. zab. 3 no. 6:33-37 N-D '59.

KARAGANDA BASIN—COAL MINES AND MINING
In the forefront of miners. Kh. Abdrakhmanov. Part. zhizn' Kazakh. 20 no. 6:35-37 Je '59.
Light and shadows. A. Bobrenev and others. Mast. ugl. 8 no. 12:9 D '59.
Mine of tomorrow. Ugol' Ukr. 3 no. 12:27 D '59.
Riches left underground. T. Minin. Nar. khoz. Kazakh. no. 11:58-60 N '59.
Shield mining of steep outcrops of a thick seam in Karaganda. Sh. Aliiev. Ugol' 34 no. 12:11-15 D '59.

KARAGANDA BASIN—COAL MINES AND MINING—FINANCE
Methodological problems in determining the operational life of a mine. IU. M. Rozental'. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 2:22-28 '59.

KARAGANDA BASIN—LAMELLIBRANCHIATA, FOSSIL
Using data on marine pelecypods for determining the age of Karaganda lower series. T. A. Aleksandri Sadova. Trudy Lab. geol. ugl. no. 9:162-173 '59.

KARAGANDA BASIN—MINE TIMBERING
Analyzing losses of metallic "M" supports in Karaganda Basin stopes. K. Zh. Takeiekov. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:20-28 '59.

KARAGANDA BASIN—MINING INDUSTRY AND FINANCE
Use of fixed assets in Karaganda Basin mines. B. A. Doroninskii. Izv. vys. ucheb. zav.; gor. zhur. no. 2:54-61 '59.

KARAGANDA BASIN—PETROLEUM GEOLOGY
Biostratigraphy of the coal-bearing formation in the Karaganda Basin. V. S. Zaspelova, L. P. Monakhova, L. S. Bushmina. Trudy Lab. geol. ugl. no. 9:5-67 '59.

KARAGANDA BASIN—PHYSICAL GEOGRAPHY
Main features of the nature of the Karaganda coal basin. G. Z. Popova. Trudy Sekt. geog. AN Kazakh. SSR no. 4:97-112 '59.

KARAGANDA BASIN—SHAFT SINKING
Basic factors influencing boring and blasting operations in Karaganda Basin vertical shaft sinking. A. M. Litvinskii. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:58-66 '59.

KARAGANDA ECONOMIC REGION—ECONOMIC POLICY
On the structure of regional planning commissions. A. Golovin. Nar. khoz. Kazakh. no. 12:70-73 D '59.

KARAGANDA PROVINCE—HISTORY
From the history of Karaganda. A. Z. Nelep. Izv. vys. ucheb. zav.; gor. zhur. no. 2:145-152 '59.

KARAGANDA PROVINCE—LAMELLIBRANCHIATA, FOSSIL
The new family Leiopectinidae from upper Silurian and lower Devonian deposits of northeastern Balkhash region. I. N. Krasilova. Paleont. zhur. no. 3:41-46 '59.

KARAKUL SHEEP see subdivision under Kazakhstan; Tajikistan

KARAMAZAR MOUNTAINS—MINERALOGY

Minerals of the northwestern slopes of the northern Karamazar and their genetic features. M. B. Nasledov. Dokl. AN Tadzh. SSR 2 no. 1 3-7 '59.

KARAMAZAR MOUNTAINS—PLATTNERITE

Discovery of plattnerite in Tajikistan. S. K. Arbuzova. Dokl. AN Tadzh. SSR 1 no. 4:11-13 '58.

KARAMYSH REGION (ALTAI MOUNTAINS)—PEBBLES

Tectonic pebbles in shatter zones in the Karamysh deposit (Rudnyy Altai). V. V. Aristov, G. P. Krendelev. Izv. vys. ucheb zav, geol i razv 3 no. 9 25-26 S '59

KARATAI, ALIAKSANDR, 1909-

Wise maturity An Klyshko Belarus' 16 no 11 22 N '59

KARBUSHEV, FEDOR MIKHAILOVICH

Bighearted man Pavel Kuznetsov Rab.-krest. korr. no 12 45-50 D '59

KARELIA—BARK BEETLES

Bark beetles on the second growth of conifers in cutover areas of Karelia E. V. Titova Trudy Kar. fil AN SSSR no 16:110-126 '59

KARELIA—BIRCH

Growth of mixed young pine and birch forests in northern Karelia. R. M. Sboeva. Izv. Kar i Kol' fil. AN SSSR no. 3: 88-93 '59.

KARELIA—COAL

Chemical composition of shungite, its properties and use A P Sivertsev Trudy VNIIT no 8 14-20 '59

KARELIA—FOREST SOILS

Water balance and physical properties of soil in clear-cut areas of southern Karelia G E. Piatetskii. Trudy Kar. fil. AN SSSR no. 16:136-152 '59

KARELIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Quaternary sediments of northern Karelia. G S. Biske Izv. Kar i Kol'. fil. AN SSSR no. 3 148-153 '59.

KARELIA—GRANITE

Induction facets in the granite crystals of the northern Karelia pegmatite lode. E. B Treivus. Sbor. nauch. rab. stud. LGI no. 2:42-45 '57.

KARELIA—GRASSES

Introduction of wild forage grasses in the Karelian A.S.S.R. E. F Vinnichenko Trudy Bot. inst. Ser. 6 no. 7:196-197 '59

KARELIA—LAKES—CATALOGS

Grigor'ev, S. V., and G. L. Gritsevskaia. [Catalog of Karelian lakes] Katalog ozer Karelii. Moskva, Izd-vo Akad. nauk SSSR, 1959. 237 p.

KARELIA—PASTURES AND MEADOWS

Numbers of sprouts and seedlings in some meadow phytocoenoses of Karelia. V. A. Zaikova. Bot. zhur. 44 no. 12:1720-1723 D '59.

KARELIA—PINE

Cultivation practices for reforestation purposes in pine forests of northern Karelia A I Kuznetsova. Trudy Kar. fil AN SSSR no. 16:82-93 '59

Fruiting of pine in northern Karelia. M. I. Viitkalnen. Trudy Kar. fil. AN SSSR no 16:5-18 '59.

Growth of mixed young pine and birch forests in northern Karelia. R M Sboeva. Izv Kar. i Kol'. fil. AN SSSR no. 3: 88-93 '59.

KARELIA—PINE—DISEASES AND PESTS

How pine weevil (Hylobius abieties L.) affects the regeneration of conifers on areas of clearcutting in Karelia V. IA. Shiperovich, B P. IAkovlev, I P. Volkova Trudy Kar. fil AN SSSR no. 16:94-109 '59.

KARELIA—PUBLIC HEALTH

On a united front L Vasil'ev. Sov kras. krest 9 no. 6 11 N-D '59

KARELIA—ILLUSTRATION OF BOOKS

Illustrations by Karelian artists for the "Kalevala." V. Plotnikov. Iskusstvo 22 no. 11.23-27 '59.

KARELIA—REFORESTATION

Studies concerning cultivation practices in young plantations on clear-cut areas of southern Karelia. V. I. Shubin, L. V. Popov. Trudy Kar fil. AN SSSR no 16: 47-81 '59.

KARELIAN LITERATURE

Let us promote Karelian literature. P. Levina. Bibliotekar' no. 5:30-32 My '60.

KARELIN, ANDREI ANDREEVICH

Letter from N. K. Roerich. L. Farber. Iskusstvo 22 no. 9:75 '59.

KARLA VALLEY—FORAMINIFERA, FOSSIL

Foraminifera of the lower Callovian from the basin of the Karla River in the Tatar A S S R. E V. Miatliuk. Trudy VNIGRI no 136 393-442 '59.

KARPINSK—PENSIONERS—SOCIETIES, ETC

Pensioners are working for their city. IA. Opatovskii. Sots. obsep. 20 no. 12 33-35 D '59.

KARPINSKII, VIACHESLAV ALEKSEEVICH, 1880-

In the ranks of Leninists. A. Starkov. Ogonek 38 no. 3: 2-5 Ja '60

KARST

(see also subdivision under Crimean Mountains)

Maksimovich, G. A. Karst. Moskva, Izd-vo "Znanie 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 7)

KARYOKINESIS

Mitotic state of nuclei in binucleate epithelial cells of the placental zone of the chorion in rabbits. A. F. Gordeeva. Dokl. AN SSSR 131 no. 5 1159-1160 Ap '60.

KASATKIN, NIKOLAI ALEKSEEVICH, 1859-1930

Nikolai Alekseevich Kasatkin. Sem'ia i shkola 14 no. 12: 32a D '59.

KASHKA-DAR'YA VALLEY—SOIL CHEMISTRY

Oxidation-reduction potential of some soils of the Kashka-Dar'ya Valley N T. Murav'eva, M. I Bratcheva, N. F. Alekseenko. Dokl. AN Uz. SSR no. 11:52-56 '59.

KASHPIR—OIL SHALES

Investigating the organic matter of oil shales from the Kashpir field IU I Kornilova, S S Semenov. Trudy VNIIT no 8 4-13 '59

KASIRA DISTRICT—COLLECTIVE FARMS

Monetary wages on collective farms. A I Esin. Uchet i fin v kolkh i sovkhoz. 16 no. 12 22-26 D '59

KATAYMA, SEN, 1859-1933

Addresses and speeches by Sen Katayama against war and imperialist opression; on the anniversary of the 100th day of his birth Ist. arkh. no. 6:3-18 N-D '59.

Sen Katayama and the establishment of the Japanese Communist Party Soichiro Matsumoto V pom. polit. samoobr. 3 no 12:54-56 D '59.

KATTA-KURGAN DISTRICT—COTTON GROWING

When the collective farm manages its own machinery. Khusanov Atakul Zashch rast ot vred. i bol. 4 no 3 13 My-Je '59

KAUNAS—MUSIC

Kaunas is a musical city. A. Livshits. Sov. muz. 24 no. 1,143-146 Ja '60.

KAUSHANY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Efficient work of a collective farm party committee N. Dovbysh Komm. Mold. 4 no 11 30-31 N '59.

KAUTSKY, KARL, 1854-1938

Lenin, V. I. [Proletarian revolution and the renegade Kautsky] Proletarskaia revoliutsiia i renegat Kautskii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 108 p. (Bibliotechka po nauchnomu sotsializmu, no. 21)

KAVETSKII, ROSTISLAV EVGEN'EVICH, 1899-

R. E. Kavetskii, Academician of the Ukrainian Academy of Sciences on his 60th birthday N. M. Turkevych, K. P. Balyts'kyi Fiziol. zhur. [Ukr.] 5 no. 6:845-847 N-D '59.

Rostislav Evgen'evich Kavetskii on his sixtieth birthday Vrach delo no 11 1219 N '59

KAYNAMINSKOYE REGION—LAMELLIBRANCHIATA, FOSSIL

New pelecypods of the genus Procopievskia Ragozin from Carboniferous deposits of the Kuznetsk Basin and the Kaynaminskoye region. L. A. Ragozin. Vest. Mosk. un. Ser. biol, pochv, geol., geog. 14 no 2:127-134 '59.

KAZACHINSKOYE DISTRICT—FUNGI, FOSSIL

Remains of Tertiary fungi of the family Microthyriaceae Sacc. in the Yenisey area of the West Siberian Lowland. P. A. Popov. Dokl. AN SSSR 131 no. 5:1152-1155 Ap '60.

KAZACH'YE REGION—FROZEN GROUND

Temperature conditions of Lake Glubokoye and their effect on permanently frozen rocks. E. A. Vtiurina. Trudy Inst. merzl. AN SSSR 16:132-141 '60.

Winter observations on the formation and behavior of frost cracks in ice wedges. B. I. Vtiurin, E. A. Vtiurina. Trudy Inst. merzl AN SSSR 16:98-105 '60.

KAZAKH FOLK SONGS see Folk songs, Kazakh

KAZAKH LANGUAGE

Materials from the history of the formation of the Kazakh language. S. K. Ibragimov, V. S. Khakovskii. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn no. 2:94-100 '59.

KAZAKH LANGUAGE—DIALECTS

Dialectological expeditions of the Institute of Language and Literature of the Kazakh Academy of Sciences. Sh. Sarybaev, A. Kuryshzhanov. Vest. AN Kazakh. SSR 15 no. 12:101 D '59.

"A history of dialectology of the Kazakh language." Reviewed by E N. Zhanpeisov. M. T. Tomanov Vop iaz. 8 no 6:142-144 N-D '59.

Kazakh dialectology. N. T. Sauranbaev, Sh. Sh. Sarybaev. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:76-86 '58

KAZAKH LITERATURE—HISTORY AND CRITICISM

All attention to the heroic contemporary Sov Kazakh 25 no 5 106-113 My '59

On the state and problems of Soviet Kazakh literature G. Musrepov Sov Kazakh 25 no 5 89-105 My '59

On the threshold of great historical changes N Dzhandil'din Sov. Kazakh 25 no 5 6-13 My '59

KAZAKH MUSICIANS see Musicians, Kazakh

KAZAKH POETRY—COLLECTIONS

Anthology of Kazakh poetry Sov. Kazakh. 24 no 11: 121-122 F '58.

KAZAKHSTAN—AGRICULTURAL LABORERS

People and bread ("Golden bottom" by I. Shukhov. Reviewed by F. Breus). Sov. Kazakh. 24 no 2 103-105 F '58

Supply collective and state farms with a permanent supply of machine operators. I. Artem'ev. Nar. khoz. Kazakh. no. 12:57-60 D '59.

KAZAKHSTAN—AGRICULTURAL MACHINERY

Machinery for mechanization must be manufactured in the republic. P. Nikolaev. Nar. khoz. Kazakh. no. 11: 59-63 N '59.

KAZAKHSTAN—AGRICULTURE

Current problems and prospects for the development of agriculture in Kazakhstan. D. A. Zykov. Vest. AN Kazakh. SSR 15 no. 12:3-9 D '59.

Interuniversity conference in Alma-Ata A Mukhtarov, A Rakhimov Vop. ist KPSS 4 no. 3 230-232 '60

Preparing for a rich harvest. Part. zhizn' Kazakh. 28 no 7:10-15 Jl '59

Role of Ukrainian workers in the reclamation of virgin and waste lands. V. M Tarnnenko. Ukr. ist. zhur. 3 no. 6:46-55 N-D '59.

Shipment of food to the workers of the central regions of Soviet Russia by the workers of Kazakhstan, 1918-1920 P. I. Tugov. Izv. AN Kazakh. SSR. Ser ist., arkheol. i etn. no. 2:33-41 '59.

Suggestions of the Communist. Part. zhizn' Kazakh 28[i.e. 29] no. 12:37-38 D '59.

True facts about the reclamation of virgin lands and the lies of bourgeois falsifiers. G. Dakhshleiger, A Tursunbaev, Sh Shafiro. Part zhizn' Kazakh. 2[illegible] no 12:20-26 D '59.

KAZAKHSTAN—AGRICULTURE—ECONOMIC ASPECTS

Ponomarenko, N. I. [Economic significance of bringing virgin and waste lands under cultivation in Kazakhstan] Narodnokhoziaistvennoe znachenie osvoeniia tselinnykh i zalezhnykh zemel' v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1955. 35 p.
(DA)

KAZAKHSTAN—ALCOHOLISM

Shameful survival of the past. Part. zhizn' Kazakh. 29 no. 6:33-34 Je '59.

KAZAKHSTAN—AZOLLA, FOSSIL

New species of Azolla Lam. in the Tertiary flora of the U.S.S.R. P. I. Dorofeev. Bot. zhur. 44 no. 12: 1750-1763 D '59.

KAZAKHSTAN—BEEF CATTLE

Elemanov, A. E., ed. [Beef cattle of Kazakhstan] Miasnoe skotovodstvo Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 376 p.
(CSt)

KAZAKHSTAN—BITUMINOUS MATERIALS

Using Emba kirs for improving the quality of asphalt-cement pavements. N. Agapov. Zhil.-kom. khoz. no. 12:18-19 '59.

KAZAKHSTAN—BONE CARVING

Art of bone carving among the Kazakhs. N. A. Orazbaev Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 6:144 1 '59.

KAZAKHSTAN—BOTANY

"Botany in Kazakhstan." Reviewed by S. Arystangal'ev. Vest. AN Kazakh. SSR 15 no. 12:103-105 D '59.

KAZAKHSTAN—BRACHIOPODA, FOSSIL

Vise brachiopods in the lower part of the coal-bearing formation in central Kazakhstan. L. P. Monakhova Trudy Lab. geol. ugl. no. 9:69-152 '59.

KAZAKHSTAN—COLLECTIVE FARMS

Ruble or workday unit? S. Parshenkov. Nar. khoz. Kazakh. no. 12:61-65 D '59.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Current problems of the communist education of the masses. Part. zhizn' Kazakh. 28 no. 6:23-30 Je '59.

Do away with needless meetings. Part. zhizn' Kazakh. 28 no. 6:31-33 Je '59

Party duty of each higher official. F. Dolinovskii. Part. zhizn' Kazakh. 28 no. 6:61-63 Je '59

Party news. Part. zhizn' Kazakh. 28 no. 6:78-80 Je '59.

Party news. Part. zhizn' Kazakh 28 no. 7:78-80 Jl '59

Party news. Part. zhizn' Kazakh 38[i.e. 28] no 12:72-73 D '59

Political work during night shifts. Part. zhizn' Kazakh. 28 no. 7:25-27 Jl '59.

Reflections about the style and methods of party work ("Inspiring works", sketches of party workers by Boris Petrov. Reviewed by M Tsybenko). Part. zhizn' Kazakh. 28[i.e. 28] no. 12:64-68 D '59

We should thoroughly improve the guidance of ideological work. Part. zhizn' Kazakh 28 no. 6:9-11 Je '59.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Construction industry of Kazakhstan in the seven-year plan, 1959-1965. A. V. Plotnikov. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 2:14-21 '59.

Program for industrial construction during the seven-year plan. Part. zhizn' Kazakh. 28 no. 6:3-8 Je '59

Utilize more fully hidden potentialities of the construction industry. B. Budanov. Nar. khoz. Kazakh. no. 11:40-43 N '59.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—COSTS

Hidden potentialities for the reduction of assembly and special work costs. M. Amatitsevitskii. Nar. khoz. Kazakh. no. 12:30-35 D '59.

KAZAKHSTAN—CORN (MAIZE)

Preliminary results of a study of corn by zones in Kazakhstan. A. M. Gabbasov, K. V. Volkovich, T. T. Mynbaev. Vest. AN Kazakh. SSR 15 no. 12:20-29 D '59.

KAZAKHSTAN—CRUSTACEA, FOSSIL

Bivalve phyllopod crustaceans from upper coal series of the central Kazakhstan Carboniferous. V. S. Zaspelova. Trudy Lab. geol. ugl. no. 9:330-343 '59.

KAZAKHSTAN—DAIRYING

Simplifying the organization of the first stages in dairying. A. Shakin. Moloch. prom. 20 no. 12:23 D '59.

KAZAKHSTAN—DESCRIPTION AND TRAVEL

[Points of interest in Kazakhstan] Dostoprimechatel'nye mesta Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 308 p.

KAZAKHSTAN—ECONOMIC CONDITIONS

Distribution of productive forces and improving the economy of the republic. A. Saktaganov. Nar. khoz. Kazakh. no. 11:81-87 N '59.

Economy of Kazakhstan on the road to the transition to communism. S. B. Tolybekov, L. A. Rakhlin. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 3:3-13 '59.

[Points of interest in Kazakhstan] Dostoprimechatel'nye mesta Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 308 p.

Year of great accomplishments. Nar. khoz. Kazakh. no. 11:3-9 N '59.

KAZAKHSTAN—ECONOMIC POLICY

Movements in the distribution of the productive forces of Kazakhstan in the seven-year period, 1959-1965. B. IA. Dvoskin, T. Sh. Shaukenbaev. Izv. AN SSSR Ser. geog. no 2 62-69 Mr-Ap '60

The second year of the seven-year plan. Nar. khoz. Kazakh. no. 12:3-14 D '59.

KAZAKHSTAN—ECONOMIC ZONING

Some problems concerning the specialization of economic regions in Kazakhstan. B. Dvoskin. Part. zhizn' Kazakh. 28[i.e. 28] no. 12:15-19 D '59.

KAZAKHSTAN—EDUCATION

Development of public education in Kazakhstan during the years of the second and third five-year plans, 1933-1940. R. Suleimenov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:16-32 '59.

KAZAKHSTAN—EDUCATIONAL LAW AND LEGISLATION

[Law of strengthening contacts between school and life and further development of the public education system in the Kazakh S. S. R.] Zakon ob ukreplenii sviazi shkoly s zhizn'iu i o dal'neishem razvitii sistemy narodnogo obrazovaniia v Kazakhskoi SSR. Alma-Ata, 1959. 54 p. [Parallel texts in Kazakh and Russian.]

KAZAKHSTAN—ELECTRIC POWER PLANTS

Reconvert large electric power stations of Kazakhstan for the use of Ekibastuz coal. Ri. Rosental', G. Khrapkov. Nar. khoz. Kazakh. no. 11:47-50 N '59.

KAZAKHSTAN—EROSION

Soil erosion in Kazakhstan. V. M. Borovskii. Vest. AN Kazakh. SSR 15 no. 11:15-20 N '59

KAZAKHSTAN—ETHNOLOGY

Ethnographical studies of Kazakhstan in Russia before 1845. E. A. Masanov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 6:215-245 '59.

Results of the ethnographical expeditions of 1955 and 1956. I. V. Zakharova. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 6:3-18 '59.

KAZAKHSTAN—EXCAVATIONS (ARCHAEOLOGY)

Archaeological work on the territory of Kazakhstan in 1958. K. A. Akishev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:60-71 '59.

KAZAKHSTAN—FARM MANAGEMENT

Improve the practice of long-range agricultural production planning. K. Zaosypkin, Kh. Lengvenat. Ekon. sel'khoz. 10 no. 8:86-88 D '59.

KAZAKHSTAN—FARM MECHANIZATION

Efficiency promoters of the Chernigov State Farm. T. Mukanov. Part. zhizn' Kazakh. 28 no. 7:57-58 Jl '59.

KAZAKHSTAN—FARM PRODUCE—MARKETING

Present-day commercial operations of the collective farms of the Kazakh S. S. R. B. K. Kalmov. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:59-71 '59.

KAZAKHSTAN—FELT WORK

Kazakh felt manufacture in the second half of the 19th and beginning of the 20th century. E. A. Masanov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 6:101-128 '59.

KAZAKHSTAN—FINANCE

For strict economy in the operation of enterprises serving social and cultural needs. R. Alshakhmanov. Nar. khoz. Kazakh. no. 11:69-72 N '59.

KAZAKHSTAN—GASTROPODA, FOSSIL

Lower Carboniferous gastropods from the coal-bearing formation in the Karaganda Basin and Zav'ialovka deposits. V. V. Verteleva. Trudy Lab. geol. ugl. no. 9:95-101 '59.

KAZAKHSTAN—GEOGRAPHY

Akademiia nauk Kazakhskoi SSR, Alma-Ata. [Problems in the geography of Kazakhstan] Voprosy geografii Kazakhstana. Alma-Ata, 1959. 310 p.

(DDC)

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Manifestation of recent tectonic movements in eastern Kazakhstan territory. Z. A. Svarichevskaia. Izv. AN SSSR Ser. geog. no. 2:99-104 Mr-Ap '60

KAZAKHSTAN—GRAIN

Hidden potentialities for the increase of grain production in Kazakhstan. A. Belov. Nar. khoz. Kazakh. no. 11:61-64 N '59.

KAZAKHSTAN—HAY—HARVESTING

Let's make hay day and night. Part. zhizn' Kazakh. 28 no 7:27-29 Jl '59

KAZAKHSTAN—HISTORY

Akademiia nauk Kazakhskoi SSR, Alma-At. Institut istorii, arkheologii i etnografii. [History of the Kazakh S. S. R.] Istoriia Kazakhskoi SSR. Alma-Ata. Vol. 2. 1959. 734 p.

October Revolution and the radical change in the life of the Kazakh people. D. Amantaev. Vest. AN Kazakh SSR 15 no. 11:3-11 N '59.

KAZAKHSTAN—HOURS OF LABOR

Transition to a shorter working day. Nar. khoz. Kazakh. no. 11:16-21 N '59.

KAZAKHSTAN—INDUSTRIES

High road to technological progress. I. Davydov. Part. zhizn' Kazakh 28 no 7:10-19 Jl '59.

Information. Nar. khoz. Kazakh. no. 11:91-96 N '59.

Information. Nar. khoz. Kazakh. no. 12:86-89 D '59.

Kazakhstan industry during the prewar five-year plans. G. Ch. Chulanov. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 2 74-87 '59.

Mighty wings of the seven-year plan. Part. zhizn' Kazakh. 28 no 7:3-9 Jl '59.

The seven-year plan begins to show its real results. Part. zhizn' Kazakh. 38[i.e. 28] no 12 3-9 D '59

KAZAKHSTAN—INLAND WATER TRANSPORTATION

Prospects of expanding river transportation in the Kazakh S. S. R. in 1959-1965. P. N. Morozov. Rech. transp. 18 no. 12 30-31 D '59.

KAZAKHSTAN—IRON ORES

Akademiia nauk SSSR. Mezhduvedomstvennaia postoiannaia komissiia po zhelezu. [Iron ore deposits in central Kazakhstan and way for their utilization] Zhelezorudnye mestorozhdeniia TSentral'nogo Kazakhstana i puti ikh ispol'zovaniia. Otvetstvennyi red. I. P. Bardin. Moskva, 1960. 556 p. (Zhelezorudnye mestorozhdeniia SSSR)

KAZAKHSTAN—JOURNALISM

Our hero is our contemporary. K Sharipov. Sov. pech. no. 12 53 D '59.

KAZAKHSTAN—KARAKUL SHEEP

Glorious achievements of Karakul breeders in southern Kazakhstan during the first year of the seven-year plan. M. A. Shtirinskii, A. M. Makhambetov. Ovtsevodstvo 5 no. 12:21-23 D '59.

KAZAKHSTAN—LAKES

Geomorphological structure of several lakes on the undulating plain with gently rising hills in central Kazakhstan. G. Z. Popova. Trudy Sekt. geog. AN Kazakh. SSR no. 1:188-204 '59.

KAZAKHSTAN—LAW

Kazakh S. S. R. Laws, statutes, etc. [Collection of the laws of Kazakhstan, and the decrees of the Presidium of the Supreme Soviet of the Kazakh S. S. R. (1938-1957)] Sbornik zakonov Kazakhskoi SSR i ukazov Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR (1938-1957) Sbornik sost. A. Bulgakbaev i D. A. Fgorov. Red. A. Bulgakbaev. Alma-Ata, Kazakhskoe Gos. izd-vo, 1958. 000 p.

(CtY-L)

KAZAKHSTAN—LECTURES AND LECTURING

Follow-up of materials published in "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh 28 no 7:80 Jl '59

KAZAKHSTAN—LOCAL GOVERNMENT

Useful textbook for the deputies of local soviets ("Rural soviets as the organs of government." Reviewed by M Vaksberg). Part. zhizn' Kazakh. 28 no 7:76-78 Jl '59.

KAZAKHSTAN—MACHINERY—MAINTENANCE AND REPAIR

Economic calculations in determining size, degree of specialization and location of repair plants. R. M. Petukhov. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 3:39-41 '59.

KAZAKHSTAN—MACHINERY IN INDUSTRY

Work of scientists in the field of mechanization and automation. Sh. Chokin. Nar. khoz. Kazakh. no. 11:11-21 N '59.

KAZAKHSTAN—MACHINERY INDUSTRY

New methods haven't yet eliminated the old ones. P. Shilakov. Part. zhizn' Kazakh. 28[i.e. 28] no 12:13-17 D '59

KAZAKHSTAN—MINERS

Number and composition of miners in Kazakhstan on the eve of the October Revolution. E. A. Morgunova. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no 3:42-50 '59.

KAZAKHSTAN—MOTION PICTURES

One-year plan fulfilled in seven and a half months. I. Chernov. Kinomekhanik no. 12:9 D '59.

Siranov, Kabysh. [Kazakh motion-picture art] Kazakhstan kino-iskusstvo. Alma-Ata, Kazakhskoe gos. izd-vo, 1958. 65 p.

(C1&U)

KAZAKHSTAN—NATIONALITIES

On the complete and final victory of socialism in the U. S. S. R. G. F. Dakhshleiger. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:3-16 '59.

True facts about the reclamation of virgin lands and the lies of bourgeois falsifiers. G. Dakhshleiger, A. Turmabaev, Sh. Shafiro. Part. zhizn' Kazakh 38[i.e. 28] no. 12:20-30 D '59

Truth is stronger than lies. N. Sagindykov, A. Slmanov. Part. zhizn' Kazakh. 28 no. 6:72-77 Je '59

KAZAKHSTAN—NATURE STUDY

On February snow. A Sintavskii. Sov. Kazakh. 24 no. 2 123-124 F '59

KAZAKHSTAN—NONFERROUS METALS

Utilizing waste products in Kazakhstan nonferrous metallurgy. T. V. Dikarevich, T. I. Ganzha, U. Dalmuratov. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 3:42-51 '59.

KAZAKHSTAN—OSTRACODA, FOSSIL

Carboniferous ostracods from the coal-bearing formation in central Kazakhstan. L. G. Bushmina. Trudy Lab. geol. ugl. no. 9:174-252 '59.

KAZAKHSTAN—PARASITOLOGY

Achievements in the control of parasitic diseases in Kazakhstan during the last ten years. N. K. Dmitrienko, I. M. Groshikova. Med. paraz. i paraz. bol. 26 no. 6:679-684 N-D '57.

KAZAKHSTAN—PLANTS—TRANSPIRATION

Transpiration intensity in some species of the Linosyris tatarica-Stipa lessingiana-Festuca sulcata association in the arid steppes of central Kazakhstan [with summary in English]. Yang Pao-chen. Bot. zhur. 44 no. 12:1671-1680 D '59.

KAZAKHSTAN—PLANTS, ORNAMENTAL

Introducing in Alma-Ata ornamental flowering plants from the wild flora of Kazakhstan. K. P. Bashkov. Trudy Bot. inst. Ser. 6 no. 7:465-480 '59.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Akademiia nauk Kazakhskoi SSR, Alma-Ata. [Materials on the political system of Kazakhstan; from the incorporation of Kazakhstan into Russia to the Great October Socialist Revolution. Vol.1] Materialy po istorii politicheskogo stroia Kazakhstana, so vremeni prisoedineniia Kazakhstana k Rossii do Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Sbornik sost. M.G. Masevich. Alma-Ata.
Vol.I. 1960. 440 p.

Binder, M.A. [Supreme Soviet of the Kazakh Soviet Socialist Republic] Verkhovnyi Sovet Kazakhskoi Sovetskoi Sotsialisticheskoi Respubliki. Alma-Ata, Kazakhskoe Gos. izd-vo, 1959. 102 p.

KAZAKHSTAN—POULTRY PLANTS

Mobile plant for poultry processing. L. Burtsev Mias ind SSSR 30 no 6 18-20 '59

KAZAKHSTAN—POWER ENGINEERING

Organization of divisions of the Power Institute of the Kazakh Academy of Sciences Vest. AN Kazakh.SSR 15 no. 11·97 N '59.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION

Large-panel and frame housing construction in areas where new and idle lands are beingbrought under cultivation M G Lokshin, N.N Davydov. Bet. i zhel.-bet no.12 561-563 D '59

KAZAKHSTAN—RECLAMATION OF LAND

An account of the achievements of our modest agricultural workers of the steppes ("Bringing virgin lands under cultivation in the semidesert" by S K.Chaianov, reviewed by I.Sidorov). Nauka i pered.op.v sel'khoz 9 no.12 73 D '59.

Documents and materials on the rendering of virgin and unused land arable. P.I.Klimov. Ist.SSSR J no.6· 159-162 N-D '59.

[Flourish, territory of virgin lands] TSveti, tselinnyi krai. Alma-Ata, Kazakhskoe gos. izd-vo, 1958. 325p

KAZAKHSTAN—RELATIONS (GENERAL) WITH GERMANY, EAST

Relations between the scientists of Kazakhstan and the German Democratic Republic. G.Dmitriev. Nar. khoz.Kazakh no. 12,81-83 D '59.

KAZAKHSTAN—RELIGION, PRIMITIVE

Survivals of ancient beliefs among the Kazakhs. V.V. Vostrov. Izv.AN Kazakh.SSR Ser.ist., arkheol.i etn. no.2 51-60 '59.

KAZAKHSTAN—ROCKS

Investigating rock shattering by explosives at two northern Kazakhstan ore deposits. L.I.Baron, N.F.Adrianov. Izv.AN Kazakh.SSR. Ser.gor.dela no.2·67-71 '59.

KAZAKHSTAN—ROCKS, IGNEOUS

Age of certain Hercynian intrusive complexes in central Kazakhstan. G.N.Shcherba, A.I Ivanov. Vest.AN Kazakh.SSR 15 no.12·66-71 D '59.

KAZAKHSTAN—RUG AND CARPET INDUSTRY

Rug manufacture and ornamentation. M.S.Mukanov. Trudy Inst.ist.,arkheol.i etn.AN Kazakh.SSR 6:91-103 '59.

KAZAKHSTAN—RUNOFF

Determining basic factors and their influence upon the runoff of mountain rivers. V.I Korovin Trudy Sekt.geog. AN Kazakh.SSR no.4 113-133 '59.

Effect of plowed surfaces and specific local features of minor drainage basins on runoff in northern Kazakhstan. A.P.Bochkov. Trudy GGI no.68 50-85 '59.

KAZAKHSTAN—SHEEP

Obligations assumed by mutton producers of Kazakhstan shall be fulfilled V.A.Bal'mont. Ovtsevodstvo 5 no 12:7-12 D '59

KAZAKHSTAN—SHEEP—EXHIBITIONS

Exhibition-auctions of pedigree animals in Kazakhstan. A.V.Golodnov. Ovtsevodstvo 5 no.12:41-42 D '59.

KAZAKHSTAN—SILVERSMITHING

Articles made by Kazakh jewelers - "zergers"; based on the materials of the 1955 expedition. V.V.Vostrov. Trudy Inst.ist.,arkheol.i etn.AN Kazakh.SSR 6:127-143 '59.

KAZAKHSTAN—SLAVERY

Slavery in Kazakhstan from the 15th through the 19th century. G.I.Semeniuk. Trudy Inst.ist.,arkheol.i etn. AN Kazakh.SSR 6:164-214 '59.

KAZAKHSTAN—SOCIAL CONDITIONS

Historical and cultural relations of the Russian and Kazakh peoples and their influence on the Kazakhs' material culture in the middle of the 19th and beginning of the 20th century, based on materials of eastern Kazakhstan. Kh.Argynbaev. Trudy Inst.ist.,arkheol.i etn. AN Kazakh.SSR 6:19-90 '59.

Degree of solonization incarbonaceous soils of the Chestnut zone in Kazakhstan [with summary in English]. V P.Egorov. Pochvovedenie no.12:78-85 D '59.

KAZAKHSTAN—SPORTS

Book on national Kazakh sports ("National Kazakh sports and games" by M. Tanikeev Book review) Sov Kazakh. 24 no.2 127-128 F '58

KAZAKHSTAN—STATE FARMS

Attaching a permanent labor force to the virgin-land state farms of Kazakhstan N.Mel'nikova Nauch.dokl vys. shkoly, ekon.nauki no 4·150-158 '59.

Creating permanent labor force on virgin-land state farms. N.Mel'nikova. Ekon sel'khoz. 30 no.8·87-91 D '59.

KAZAKHSTAN—STOCK AND STOCKBREEDING

Hidden potentialities for increasing stockbreeding production in central Kazakhstan. S.A.Abdrakhmanov. Trudy Sekt.geog.AN Kazakh.SSR no 5:184-201 '59.

Hidden potentialities for the increase of meat production in western Kazakhstan S.Niiazbekov. Ekon. sel'khoz 30 no.8 12-18 D '59.

KAZAKHSTAN—TANNINS

Cultivation tests of wild tannin plants in Kazakhstan. V P.Mikhailova. Trudy Bot.inst.Ser. 6 no 7 385-388 '59

Testing wild tannin plants of Kazakhstan in cultivation. V.P Mikhailova. Trudy Bot inst.Ser. 6 no 7·385-388 '59.

KAZAKHSTAN—TEXTILE INDUSTRY

Location of the textile industry in Kazakhstan. A.K. and A.Azizov. Izv.AN Kazakh.SSR.Ser.ekon.,filos.i prava no.2·52-63 '59.

KAZAKHSTAN—TRADE UNIONS

Everyday life and trade unions. Part.zhizn' Kazakh 28[i.e.29] no 12 10-14 D '59

KAZAKHSTAN—VETERANS

Reunion of veterans of the revolution. Sov Kazakh 24 no 2 118-120 F '58.

KAZAKHSTAN—WATER, UNDERGROUND

Chart of predicted artesian basin in Kazakhstan. U M. Akhmedsafin. Vest AN Kazakh.SSR 15 no 11:31-40 N '59

Posokhov, E.V. [Studies in the hydrochemistry of underground waters in central regions of Kazakhstan] Ocherki po gidrokhimii podzemnykh vod tsentral'nykh raionov Kazakhstana. Moskva, Izd-vo Akad.nauk SSSR, 1960. 158 p.

KAZAN—LIBRARIES

Named for V.I.Lenin. R.Mukhitdinova. Bibliotekar' no.4 19-20 Ap '60.

KAZAN—TEACHERS

Our "older sister." G.Karimov Sem'ia i shkola 15 no 1 5 Ja '60

KAZAN—TELEGRAPH

Operational features at the Kazan Telegraph Office in connection with semiautomatic retransmission of telegrams. M.I.Rakhimov. Vest.sviazi 19 no.12:21 D '59.

KAZANKA DISTRICT—KINDERGARTEN

Organization of work in a collective-farm kindergarten. K.Zelia. Doshk vykh. 20 no.12:42-43 D '59

KAZANLI, DMITRII NIKOLAEVICH, 1904-1959

Dmitrii Nikolaevich Kazanli; an obituary. M.A.Abdulkabirova and others. Vest.AN Kazakh.SSR 15 no.11. 88-89 N '59.

In memory of Dmitrii Nikolaevich Kazanli. Izv.AN SSSR. Ser.geofiz. no 4 631 Ap '60.

KEFIR

Evaluation of the hygienic properties of kefir. A.I.Reut. Zdrav.Belor. 5 no.12·36 D '59

Kefir fungi and kefir fermenting. Moloch.prom. 20 no.12:20 D '59.

Speeding up the basic technological operations in the manufacture of kefir. M E.Shubin Izv vys.ucheb. zav.; pishch.tekh. no.5:74-80 '59.

Studying the biology of kefir fungi. V.Khrul'kevich, A.Krul'kevich. Moloch.prom. 20 no.12:24-25 D '59.

KEM' VALLEY—TREES, FOSSIL

Fossil wood of broad-leaved trees from Tertiary deposits of Krasnoyarsk Territory. V.D.Nashchokin. Dokl.AN SSSR 131 no.5:1149-1151 Ap '60.

KEMEROVO—FACTORIES—DESIGN AND CONSTRUCTION

When a shop is turned over with unfinished items.... M.Eshelkina. Okhr.truda i sots.strakh. no.12:30-31 D '59.

KEMEROVO—PUBLISHERS AND PUBLISHING

Heroes of published and future books. R.Lovanova. Mast.ugl. 8 no.2:25 F '59.

KEMEROVO—TECHNICAL EDUCATION

Teacher, educator and organizer. M.Ivanchikov. Prof.-tekh.obr. 16 no.12:5-6 D '59.

KEMEROVO PROVINCE—EDUCATION—CONGRESSES

Work of the primary grades section at the Teachers' Congress in Kemerovo Province. R.F.Zuevich. Nach. shkola 28 no.1:95-96 Ja '60.

KENKIYAK—OIL FIELDS

New large oil region. B.Rukhin, N.Skvortsov. Nar khoz.Kazakh. no 11:57-58 N '59.

KENKIYAK REGION (KAZAKHSTAN)—OIL FIELDS

New petroliferous area in Kazakhstan Izv vys uch zav, neft' i gaz 2 no 11 22 '59.

KENYA—POLITICS AND GOVERNMENT

Results of the London Conference on Kenya. O.TS Sovr Vost no.4·61 Ap '60.

KERATOMALACIA see Cornea—Diseases

KERCH—SHIPYARDS

Use of standard price lists for repairing ships of the "Pervomaisk" type; Kerch Ship Repair Yard IU drogin Inform sbor TSNIIMF no 20:15-19 '58

KERCH PENINSULA—PLANT COMMUNITIES

A survey of vegetation of the Kerch Peninsula. I.E. lova, I F Novosel'tseva. Bot zhur. 44 no.11 N '59

KERCH STRAIT—COAST CHANGES

The Kerch Strait in the time of Strabo in the light of recent data on changes in the Black Sea level D A renbeim Sov arkheol. no 1 42-52 '59

KERCH STRAIT—GEOLOGY, STRATIGRAPHIC

Origin and history of the development of the Kerch Strait N S Blagovolin Izv AN SSSR Ser geog no 2 Mr-Ap '60

KEROGEN

Methylation of oil shale kerogen by diazomethane S S Semenov, IU I.Kornilova, N D Dokshina Trudy VNIIT no 8 28-34 '59

KETONES

Addition of esters of phosphorous and phosphinous acids to conjugated systems. Part 9; Addition of trialkyl plutes to α-diketones. V.A.Kukhtin, K.M.Orekhova Zhur.ob.khim. 30 no.4:1208-1216 Ap '60.

Chloromethylation reaction in the aryl aliphatic ketone series. V.A.Chaikovskaia. Izv.vys.ucheb.zav., i khim.tekh. 2 no.6:895-898 '59.

Distribution of Cs, Ca, Sr, and La between the aqueous solution and methyl butyl ketone in the presence of uranium. V.M.Vdovenko, A.A.Lipovskii, M.G.Ku Zhur.neorg.khim. 4 no.11·2502-2504 N '59.

Interaction between acetylenic carbinols and acetic acid in the presence of mercury acetate, and mechanism of formation of acetoxyketones. S.G.Matsoian, G A Chukhadzhian, S.A.Vartanian. Zhur.ob.khim. 30 no.4 1202-1207 Ap '60.

Mechanism of the interaction between phenyliodoso compounds and some β-diketones. O.IA.Neiland, G.Vanags Dokl.AN SSSR 131 no.6·1351-1354 Ap '60.

New method of synthesizing nitroketones. V.V.Perek K.Baier. Zhur.prikl.khim. 31 no.4:667-668 Ap '58

Structure of some cyclic 2-nitro-1,3-diketones. O.Neiland, J.Stradiņš, G.Vanags. Dokl.AN SSSR 131 no.5:1084-1087 Ap '60.

Synthesis of higher aliphatic ketones by dehydrogenating secondary alcohols. A.N.Bashkirov and others. Dokl. AN SSSR 131 no.5:1067-1068 Ap '60.

KETS see subdivision under Yenisey Valley

KEW, ROYAL GARDENS

Two-hundredth anniversary of the Royal Botanical Gard in Kew. B.K.Shishkin. Bot.zhur. 44 no.12 D '59.

KEYVY UPLAND—AMPHIBOLITES

Genesis of Keyvy amphibolites. D.D.Mirskaia. Izv.Kar. i Kol'.fil.AN SSSR no.3:9-16 '59.

KEYVY UPLAND—CHEVKINITE

Chevkinite from alkaline granites of the western Keyvy area. I.V.Bel'kov. Izv.Kar.i Kol'.fil.AN SSSR no 3 139-140 '59.

KEYVY UPLAND—MICA

Keyvy natural mica flake reserves. P.A.Borisov. Iz Kar.i Kol'.fil.AN SSSR no.3:3-8 '59.

KHABAROVSK—TYPESETTING

We are willing to share our experience. G Maksim Poligr proizv. no.12 13-14 D '59

KHACHATURIAN, ARAM IL'ICH, 1903-

Arbenin's waltz. I.Andronikov. Ogonek 38 no.1 Ja '60.

Glezer, R.V. Aram Khachaturian. Moskva, Znanie, 1959. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.6, Literatura i iskusstvo, no.19)
(MH)

KHAKASS AUTONOMOUS PROVINCE

Antoshin, K.F. [Russian writers on Khakassia] Russkie pisateli o Khakasii. Abakan, Khakasskoe knizhnoe izd-vo, 1958. 133 p.
(MH)

KHAKASS LANGUAGE—DIALECTS

The status of dialectical studies in Khakass. D.I.Chankov. Trudy Inst. lit. i iaz. AN Azerb.SSR 12 113-115 '58.

KHANKA PLAIN—LEAVES—ANATOMY

Characteristics of "xerophytes" from the Arundinella formation of the Khanka Plain [with summary in English]. O.I.Pavlovskaia. Bot. zhur. 44 no.11:1578-1582 N '59.

KHANLAR—MINERAL WATER, SULFUROUS

Influence of hydrosulfide water from the springs at Khanlar on cardiovascular function [in Azerbaijani with summary in Russian]. A.K.Mustafaeva. Azerb.med.zhur. no.12:27-31 D '59.

KHANTAYSKOYE REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Permian deposits in the southwestern shore area of Lake Khantayskoye (southern part of the Noril'sk region). IU.IA.Lyvahin. Sbor.st.po paleont.i biostrat. no.15:16-28 '59.

KHARKOV—AIRPORTS

In the skies and on the earth. M.Lomonteev. Grazhd.av. 16 no.9:6 S '59.

KHARKOV—BEARING INDUSTRY

At the Kharkov Bearing Plant. M.Kachelmura, M.Mikhai. Nauka i zhyttia 9 no.12:17 '10 D '59.

KHARKOV—COOKING SCHOOLS

How we plan production. B.Faibishet. Obshchestv.pit. no.10:12 O '59.

Our everyday life. N.IArovinskii. Obshchestv.pit. no.10:43 O '59.

KHARKOV—EFFICIENCY, INDUSTRIAL

Party organizations in the struggle for technical progress ("Technology and people." Reviewed by L.Sukhanov) Sots.trud no.12:147-150 D '59.

KHARKOV—FOLKLORE, UKRAINIAN

Work of Kharkov folklorists. I.Halaschenko, P.Lech-Ironko. Nar.tvorch.ta etn. 3 no.2:106-107 Ap-Je '59.

KHARKOV—GAS DISTRIBUTION

Changeover of the Kharkov gas distribution system from coke-oven gas to natural gas. IU.I.Danilevich, V.M.Fursov. Gaz.prom. 5 no.1:31-40 Ja '60.

KHARKOV—INDUSTRY AND EDUCATION

We should strengthen the ties of our schools with industrial enterprises. P.IU.Sabliev. Rad.shk. 30 no.12:27-29 D '59.

KHARKOV—JUVENILE AUTOMOBILE DRIVERS

There are more than one thousand of us. N.Taranenko. Za rul. 17 no.12:6 D '59.

KHARKOV—LIGHTWEIGHT CONCRETE

Lowering the expenditure of binding materials in making foamed concrete and practices of the building combine No.3 of the Building Materials Trust (63). S.M.Ternov. Trudy NIISIIB no.6:51-22 '59.

KHARKOV—MACHINERY INDUSTRY

Party organizations in the struggle for technical progress ("Technology and people." Reviewed by L.Sukhanov) Sots.trud no.12:147-150 D '59.

KHARKOV—NEUROSURGICAL SOCIETIES

Report on activities of the Kharkov Neurosurgical Society and minutes of meetings for 1958. M.B.Chlenko-Brodskaia, E.I.Shrotina, L.A.Tarnopol'skaia. Vop.neirokhir. 23 no.6:48-51 N-D '59.

KHARKOV—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Kharkov Ophthalmological Society for 1958. I.I.Merkulov, D.A.Tseitlin. Oft.zhur. 14 no.6:378-379 '59.

KHARKOV—RESTAURANTS, LUNCHROOMS, ETC

In Kharkov: Semiprepared foods for all district restaurants; On the main street. D.Arkad'ev. Obshchestv.pit. no.12:10-11 D '59.

KHARKOV—TECHNOLOGICAL INNOVATIONS

Machinery plant changes its aspect. P.Skvortsikov. NTO no.11:32-34 N '59.

KHARKOV—TELEPHONE DIRECTORIES

Kharkov. Gorodskaia telefonnaia set'. [List of subscribers to the Kharkov city telephone system] Spisok abonentov Khar'kovskoi gorodskoi telefonnoi seti. [Khar'kov] Khar'kovskoe obl.izd-vo, 1958. 270 p.
[MICROFILM]

KHARKOV—TRACTOR INDUSTRY

Here they make tractors. Ol.Hryhor'iev. Ukraina no.23,26 D '59.

KHARKOV—TRACTOR INDUSTRY—COSTS

Bonus awards for reducing production costs. P.Sabliev. Sots.trud 4 no.7:115-120 Jl '59.

KHARKOV—TURBOGENERATORS

The largest in our country. Ukraina no.23;28 D '59.

KHARKOV—TURBOMACHINES

Bolchenko, M.I. [A giant turbogenerator plant] Veleten' turbobuduvannia. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1960. 23 p.

KHARKOV PROVINCE—ECONOMIC CONDITIONS

Titov, V.M. [For the further economic development of Kharkov Province] Za dal'she pidnesennia ekonomiky Kharkivshchyny. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 45 p.

KHARKOV PROVINCE—EDUCATION

Kharkov Province schools on the path of school reform. M.F.Rudko. Rad.shk. 38 no.12:14-20 D '59.

KHARKOV PROVINCE—FORESTS AND FORESTRY

Economic experience. N.V.Sapozhnik. Les.khoz. 12 no.12:65 D '59.

KHARKOV PROVINCE—RURAL CONDITIONS

Baranov, O.A. [Thriving collective farm in the village of Lyubovka] Rozkvitlyi kolhospne L'iubivka. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 26 p.

KHARKOV PROVINCE—STATE FARMS

Tytarenko, K.I. [We leave America behind us] Perehaniaiemo Ameryku. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 30 p.

KHATANGA VALLEY—GAS, NATURAL—GEOLOGY

Oil and gas prospecting in the Anabar-Khatanga interfluve (Nordvik region). M.K.Kalinko. Trudy NIIGA 92: 151-170 '58.

KHATANGA VALLEY—PETROLEUM GEOLOGY

Oil and gas prospecting in the Anabar-Khatanga interfluve (Nordvik region). M.K.Kalinko. Trudy NIIGA 92: 151-170 '58.

KHERSON—SAUSAGES

Using phosphatides in sausage manufacture. M.Dyad', IA.Pomduk. Mias.ind.SSSR 30 no.6:46 '59.

KHERSON DISTRICT—COLLECTIVE FARMS

Using undivided assets of the collective farms. L.I. Kopeichenko. Fin.SSSR 20 no.12:4-1 D '59.

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906

The early works of Kosta Khetagurov. S.Sh.Gabaraev. Izv.Iugo-Osset.nauch.-issl.inst. no.8:301-309 '58.

Gabaraev, S.Sh. [Kosta Khetagurov's outlook on life] Mirovozzrenie Kosta Khetagurova. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 241 p.

The historical views of Kosta Khetagurov. S.Sh.Gabaraev. Izv.SOSHI 1 no.6:121-126 N-D '59.

KHIBINY MOUNTAINS—LEPIDOMELANES

New features of secondary lithium lepidomelanes. I.N. Vaindorf. Izv.Kar.i Kol'.fil.AN SSSR no.1:111-114 '59.

KHIMKI DISTRICT—POULTRY INDUSTRY—FINANCE

Hatching chickens for meat is an important potential for the strengthening of the collective farm economy. T.A. Sakharova, V.P.Efimov. Biul.nauch.inform.kolkhoz.i sovkhoz. 30 no.11:17-22 N '59.

KHMEL'NIK

Health resort in the city of Khmel'nik. H.Novyts'kyi Nauka i zhyttia 9 no.5:22 24 My '59.

KHMEL'NITSKIY—KINDERGARTEN

Unforgettable meeting. V.Holdenko. Doshk.vykh. 20 no.12:41 D '59.

KHODUKIN, NIKOLAI IVANOVICH, 1896-1957

Nikolai Ivanovich Khodukin; obituary. Med.paraz.i paraz. bol. 26 no.6:756-757 N-D '57.

KHOKASS AUTONOMOUS PROVINCE—COAL MINES AND MINING

Valor of Khakassia miners. N.Ermakov. Mast.ugl. 8 no.2:11 F '59.

KHOLODKOVSKII, NIKOLAI ALEKSANDROVICH, 1858-1921

P.F.Gorianinov, K.M.Baer, and N.A.Kholodkovskii as evolutionists. K.N.Pavlovskii. Izv.AN SSSR.Ser.biol. 24 no.6:801-813 N-D '59.

KHONICHEVA, EKATERINA PAVLOVNA

Public teacher. T.Pyshnov. Nach.shkola 30 no.1:22-23 Ja '60.

KHOREZM PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Akademiia nauk SSSR. Institut etnografii. [Materials of the Khorezm Expedition] Materialy Khorezmskoi ekspeditsii. Pod obshchei red. S.P.Tolstova. Moskva.
No.1. [Field explorations of the Khorezm Expedition in 1954-1956] Polevye issledovaniia Khorezmskoi ekspeditsii v 1954-1956 gg. 1959. 207 p.
No.2. Trofimova, T.A. [Early population of Khorezm based on the paleoanthropological data] Drevnee naselenie Khorezma po dannym paleoantropologii. 1959. 175 p.

KHOREZM PROVINCE—POPULATION

Akademiia nauk SSSR. Institut etnografii. [Materials of the Khorezm Expedition] Materialy Khorezmskoi ekspeditsii. Pod obshchei red. S.P.Tolstova. Moskva.
No.1. [Field explorations of the Khorezm Expedition in 1954-1956] Polevye issledovaniia Khorezmskoi ekspeditsii v 1954-1956 gg. 1959. 207 p.
No.2. Trofimova, T.A. [Early population of Khorezm based on the paleoanthropological data] Drevnee naselenie Khorezma po dannym paleoantropologii. 1959. 175 p.

KHOROSHKO, VASILII KONSTANTINOVICH, 1881-1949

In memory of V.K.Khoroshko. G.A.Makeudov. Zhur. nevr.i psikh. 59 no.12:1501-1502 '59.

KHOT'KOVO—ELECTRIC INDUSTRIES—TECHNOLOGICAL INNOVATIONS

In our plant in Khot'kovo. P.Fedorov. Izobr.i rats. no.2:7 Ja '60.

KHOYNIKI DISTRICT—AGRICULTURE

The most important condition for the improvement of the collective farmers' standard of living. M.Podberezny Komm.Bel. 33 no.11:29-32 N '59.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

"America will never be the same." S.Vishnevskii. Sov. pech. no.12:103-105 D '59.

A book to work with ("Cordial encounters" by V.I.Poltoratskii, M.Iagodin). Bibliotekar' no.5:33-37 My '60.

Films on our life. F.Kriger. Isk.kino no.1:1-4 Ja '60.

"Hearty meetings" by V.Poltoratskii. Reviewed by M.Rubtsov. Elem.nel'khoz. 11 no.1:116-119 Ja '60.

Historical mission of peace and friendship. M.Gerasimenko. Komm.Ukr. 15 no.11:51-62 N '59.

Meeting of the future. Sov.Ukraine. no.1:9 '60.

N.S.Khrushchev in the Ukraine. Ogonek 37 no.52:1-19 '59.

Our dear guest. Ukraina no.24:1-3 D '59.

Spectators' reaction, from the press of newspapers. Isk. kino no.1:4-5 Ja '60.

"A world without weapons is a world without wars." Bibliotekar' no.5:1 My '60.

KIDNEYS

Evolution of the water-excreting function of the kidney. A.G.Ginetsinskii. Fiziol.zhur.SSSR 45 no.7:761-771 Jl '59.

Functional state of the kidneys in blood transfusion in dogs with a damaged thalamohypothalamic region [with summary in English, p.57]. I.I.Zaretskii, I.A.Mikhailova, N.S.Rozanova. Probl.gemat.i perel.krovi 4 no.12:11-17 D '59.

KIDNEYS—BLOOD SUPPLY

Blood and lymph flow dynamics in the isolated kidney [with summary in English]. I.Uzeilo. Fiziol.zhur. 45 no.12:1451-1460 D '59.

KIDNEYS—DISEASES

Use of oxygen therapy in diffuse nephritis in children. R.E.Mazo. Zdrav.Belor. 5 no.12:17-20 D '59.

KIEV—AIRPLANES—MODELS

Building various parts from Capron. V.Krylov. Kryl. rod. 10 no.12:25 D '59.

KIEV—ANTIQUITIES

School children have found historical relics. A.R.Trokhymenko. Ukr.ist.zhur. 3 no.6:160 N-D '59.

KIEV—ART—STUDY AND TEACHING

Popular "universities of culture" as a new development in the life of workers. V.Kelembetova. Nar.tvorch.ta etn. 3 no.3:140 Jl-S '59.

KIEV—ART, UKRAINIAN—EXHIBITIONS

[A jubilee exhibition of art of the Ukrainian S.S.R.; dedicated to the 40th anniversary of the Great October Socialist Revolution] IUvileina khudozhnia vystavka Ukrains'koi RSR; prysviachena 40-richchiu Velykoi Zhovtnevoi sotsialistychnoi revoliutsii. [Kyiv] Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi literatury URSR 1959. 14 p., illus.

KIEV—ATHLETES

Gambolling pigeons. I.Glukhovev. Zhyttia i glukh. 15 no.11:18 N '59.

KIEV—CATHEDRALS

Dating eleventh century graffiti in the Kiev Cathedral of St.Sophia. S.A.Vysotskii. Sov.arkheol. no.4:241-244 '59.

Register on the death of IAroslav the Sage. B.A.Rybakov. Sov.arkheol. no.1:245-249 '59.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [The Cathedral of St.Sophia, a national preserve, in Kiev, an architectural monument of the period from the eleventh to the eighteenth century] Sofiiskii zapovednik v Kieve, pamiatnik arkhitektury XI-XVIII vv. Kiev, Gos.izd-vo lit-ry po stroit.i arkhit.USSR, 1959. 43 p., illus. (Pamiatniki arkhitektury Ukrainskoi SSR)

KIEV—CONFECTIONERY

So that we may have a Happy New Year I Rozum Ukraina no 24 29 D '59

KIEV—CONSTRUCTION INDUSTRY—ACCOUNTING

In the leading construction-assembly trust. S. Orliuk. Bukhg uchet 16 no 11 39-45 N '59.

KIEV—DIGITALIS

Introduction of the foxglove and mandrake G N. Kotukov. Trudy Bot. inst Ser. 6 no 7 337 '59

KIEV—EFFICIENCY, INDUSTRIAL

Akademiia nauk URSR, Kiev [The use of modern technology in production, improving quality and reducing costs of manufactured goods, materials of the First Scientific-Technical Conference of Industrial Enterprises of Stalin District, Kiev] Voprosy vnedreniia v proizvodstvo peredovoi tekhnologii, uluchsheniia kachestva vypuskaemoi produktsii i snizheniia ee sebestoimosti, materialy pervoi nauchno-tekhnicheskoi konferentsii promyshlennykh predpriiatii Stalinskogo raiona g. Kieva Kiev, 1959, 88 p.

Efficiency promoters Ukraina no 2 8 Ja '60

KIEV—FLORICULTURE

So that we may have a Happy New Year I Rozum Ukraina no 24 29 D '59

KIEV—FORTIFICATIONS, OLD

Fortress of Peter I. V. Sydorenko. Ukraina no, 23·28 D '59

KIEV—GRAIN TRADE—ACCOUNTING

Centralization and mechanization of accounting in the Kiev Grain Trust. IA. Spektor. Bukhg, uchet 16 no, 11·36-38 N '59.

KIEV—HISTORY

Kiev as the center of Kievan Rus' in the period of feudal fragmentation. *V I Dovzhenok* Ukr ist zhur 3 no 6·89-98 N-D '59

KIEV—KNOTWEED

The knotweed Polygonum alpinum All , its cultivation in Kiev and possibilities of utilization S. S Kharkevich, T. V. Zinchenko Trudy Bot inst Ser 6 no 7 389-393 '59.

KIEV—LEARNED INSTITUTIONS AND SOCIETIES

Akademiia nauk URSR, Kiev Instytut elektrozvariuvannia [E. O. Paton Institute of Electric Welding] Institut elektrosvarki im. E. O. Patona. Pod red, B. E. Patona. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 159 p.

KIEV—MACHINERY, AUTOMATIC

From a diary Svitlana Lahoshna Ukraina no 24 8-9 D '59

KIEV—MANDRAKE

Introduction of the foxglove and mandrake G. N. Kotukov Trudy Bot. inst. Ser 6 no. 7 337 '59

KIEV—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

Use of conveyer idling for the return of single-roller trucks with gambrels M. Shneider Mias ind SSSR 30 no 2·39 '59.

KIEV—MONUMENTS

We should build a monument in honor of the founding of Kiev I M. Samoilovs'kyi. Ukr ist. zhur. 3 no 6:155 N-D '59.

KIEV—MOTORBOAT RACING

Eleven records. M. Siniltsyn. Za rul. 17 no. 11:22-23 N '59.

KIEV—NUTGRASS

Raising sweet potatoes and yellow nutgrass in Kiev. I. E. Driga Trudy Bot inst. Ser. 6 no. 7:135-137 '59.

KIEV—PRINTING PLANTS

Production-line processing of printed material in the dispatching section of "Radians'ka Ukraina." I. Vorob'ev. Raspr pech. no. 12 23 D '59.

KIEV—REVOLUTION, 1917-1921

Out of the past. Mykhailo Kalynovs'kyi. Dnipro 33 no. 12 118-121 D '59.

KIEV—SHOE INDUSTRY

She operates a machine. O. Petrova. Znan. ta pratsia no. 12 18 D '59.

KIEV—SINGING—COMPETITIONS

At the Ukrainian vocal competitions. IU. Malyshev. Sov. muz. 24 no. 1:112-117 Ja '60.

KIEV—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Excavating machinery for the cleaning of waste disposal lagoons S S Strashun Sakh prom 33 no 12 42 D '59

KIEV—SWEET POTATOES

Raising sweet potatoes and yellow nutgrass in Kiev. I. E. Driga. Trudy Bot inst Ser. 6 no. 7,135-137 '59.

KIEV—TECHNICAL EDUCATION

An institute decorated with the Order of Lenin, on the 60th anniversary of the Kiev Polytechnical Institute O Plyhunov. Nauka i zhyttia 8 no 10,19-22 O '58

KIEV—THEATER

"Mashen'ka." A. Svobodin Teatr 21 no. 1·188-189 Ja '60.

"Not destiny." Vl. Pimenov Teatr 21 no. 1·176-177 Ja '60.

KIEV PROVINCE—AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

We have somebody to work with rural efficiency promoters. D. Demchenko, Izobr. i rats. no. 1,29-29 Ja '60.

KIEV PROVINCE—AGRICULTURE

The sun betokens the coming of spring Hryhorii Zlenko Ukraina no 2 10-12 Ja '60

KIEV PROVINCE—GUIDEBOOKS

"Memorable places of Kiev Province; a brief guidebook." Reviewed by M. M. Tkachenko. Ukr ist zhur 3 no. 6· 151-152 N-D '59

KIEV PROVINCE—RURAL CONDITIONS

Transformation of villages through greater urban facilities. V. F. Kupriahyn. Kolh Ukr. 6 no. 12:7-8 D '59.

KIEV PROVINCE—SURGICAL SOCIETIES

Minutes of meetings of the Kiev and Kiev Province Surgical Societies Nov khir. zhur no 6:128-134 N-D '59

KIEV REGION—CLAY

Some data on engineering and geological properties of spondylid clays from the Kiev region in connection with their history of formation and conditions of occurrence. I. A. Safokhina, V. A. Priklonskii Trudy Lab. gidrogeol probl. 22 70-74 '59.

KIEV UNIVERSITY

Imposing celebration in Kiev University. H. M. TSvietkov. Ukr ist. zhur· 3 no. 6:157-158 N-D '59

KIEV UNIVERSITY—GEOLOGICAL RESEARCH

History of the Faculty of Geology of Kiev University on the occasion of the 40th anniversary of the Great October Socialist Revolution. L. D. Rozov. Nauk zap. Kyiv. un. 16 no. 14:5-10 '57

KIEVO-SVIATOSHINSKIY DISTRICT—COLLECTIVE FARMS

A good start. D. B. Hnatenko. Kolh. Ukr. 6 no. 12·38 D '59.

KIKVIDZE, VASILII ISIRODOVICH, 1894-1919

[Soldier of the revolution; recollections about V. I. Kikvidze, a hero of the civil war] Soldat revoliutsii; vospominaniia o geroe grazhdanskoi voiny V. I. Kikvidze, Moskva, Gos. izd-vo polit. lit-ry, 1959. 62 p.

KIL'CHEVSKII, NIKOLAI ALEKSANDROVICH, 1909-

Nikolai Aleksandrovich Kil'chevskii; on the 50th anniversary of his birth. G. N. Savin and others. Ukr. mat. zhur. 11 no. 4·431-433 '59

KILNS, ROTARY

Adjusting and learning to work with rotary kilns equipped with concentrators. E. I. TSivileva, I. I. Vlasov. TSement 25 no 6 9-15 N-D '59.

Measuring radial deformations in frames of rotary kilns. I. IA. Leichenko, D. A. Roiak. TSement 25 no. 6·20-22 N-D '59.

Work practices of cement plants operating on gas. N. Zakharova. TSement 25 no. 6:1-8 '59.

KIMBERLITE see subdivision under Aldan Plateau

KINDERGARTEN

(see also subdivision under Crimea, Germany, East; Kazanka District, Khmel'nitskiy, Krasnodon)

Let's clearly determine the objectives of the program. R Danilova. Doshk vykh 20 no 12:33-34 D '59.

Our remarks. N. Lavrychenko. Doshk. vykh. 20 no. 12: 34-35 D '59.

Preparing children for their future school studies. M. Vovchyk-Blakytna Doshk vykh. 20 no. 12:1-6 D '59.

Suggestions of preschool personnel shouldn't be ignored. V. Savchenko. Doshk. vykh 20 no. 12:31-33 D '59.

This draft of the program should be improved. F. Ponomarenko. Doshk. vykh. 20 no. 12:29-31 D '59.

Vary the methods of drawing instruction. T. S. Komarova, T. G. Tkachenko. Doshk. vosp 33 no 1·32-33 Ja '60.

KINDERGARTENS

(see also subdivision under Dresden; Tula Province; Ukraine; Vorkuta)

We are on the right path. M. V. Sergeeva. Doshk. vosp. 33 no. 1 17-18 Ja '60.

KINEL' REGION (KUYBYSHEV PROVINCE)—OIL FIELDS—PRODUCTION METHODS

Heat treatment of wells. A. B. Sheinman, A. I. Sergeev, V. I. Shenaeva. Neftianik 3 no. 8,13-15 Ag '58.

KINEL' VALLEY—GEOLOGY, STRATIGRAPHIC

Division of the Tournai-Vise terrigenous [illegible] the southern Kama-Kinel' Depression [with [illegible] in English]. N N Sokolova, G. I [illegible] Khachatrian. Sov geol. 2 no 10 [illegible]

KINETICS

Influence of rotating masses in lumber [illegible] E. M. Churova. Trudy LTA no. 81 [illegible]

KINGIR RESERVOIR

Stream flow regulation of the Kingir River [illegible] Probl reg. rech stoka no 8:55-61 '59

KINGS AND RULERS—EDUCATION see [illegible] princes

KIPCHAK (KHANATE) see Golden Horde

KIREEVSKII, PETR VASIL'EVICH, 1808-1856

P. I. IAkushkin and A. N. Afanas'ev, publishers [illegible] series" songs of P. V. Kireevskii. P. D. [illegible] dokl. vys. shkoly, filol. nauki no. 1 [illegible]

KIRGHIZ LANGUAGE—DIALECTS

Principles of the collection of Kirghiz dialect [illegible] terials. G. Bakhova. Trudy Inst. lit. [illegible] SSR 12:93-99 '58.

KIRGHIZISTAN—BIRDS

Mass destruction of birds in Kirghizistan V G [illegible] I. D. IAkovleva, A I. IAnushevich Trudy [illegible] paraz. AN Kir. SSR no 7:287-292 '59.

New birds in Kirghizistan. A. Kydyraliev Trudy [illegible] zool. i paraz. AN Kir. SSR no. 7:283-290 '59.

KIRGHIZISTAN—CHLOROSIS (PLANTS)

Intensity and qualitative directivity of photo[illegible] chlorotic apple trees [with summary in [illegible] Evtushenko, L. A Shpota Fiziol rast [illegible] N-D '59.

KIRGHIZISTAN—COMMUNIST YOUTH LEAGUE

We cooperate with public and government [illegible] V. Khizhniak. Mol. komm. no. 12:51 [illegible]

KIRGHIZISTAN—FRUIT CULTURE

Establish high-yielding orchards [illegible] A G. Ibragimova Sad i og [illegible] no 12 [illegible]

KIRGHIZISTAN—FUNGI, PATHOGENIC

Some mycoses of insects in Kirghizistan. [illegible] Trudy. Inst zool. i paraz. AN Kir SSR [illegible] '59

KIRGHIZISTAN—FUR-BEARING ANIMALS

New fur animals, the American mink and [illegible] ghizistan P S Turin. Trudy Inst zool. [illegible] Kir SSR no. 7:67-76 '59

KIRGHIZISTAN—HEMOSPORIDIA

Hemosporidiosis in sheep and goats in Kirg[illegible] liminary report. R. V Grebeniuk, S K [illegible] Inst. zool. i paraz AN Kir. SSR no [illegible]

KIRGHIZISTAN—HOSPITALS, RURAL

Workers' initiative in the construction of [illegible] institutions of the Kirghiz S. S. R. [illegible] zdrav. 10 no. 1:26-29 '60

KIRGHIZISTAN—MITES

Studying the gamasid mites of Kirghizistan R [illegible] beniuk, E. V Koroleva, S. K Saribaev. Trudy [illegible] zool. i paraz. AN Kir SSR no. 7:305-307 '59

KIRGHIZISTAN—MOTION PICTURES

Debut of a motion-picture historian. N. Kh[illegible] no. 11,130 N '59.

KIRGHIZISTAN—ORTHODOX EASTERN CHURCH

Consecration of a prayer house. Zhur. Mosk Pa[illegible] 11 Mr '60.

KIRGHIZISTAN—PARASITOLOGY

Control of parasitic diseases in the Kirghiz [illegible] the last ten years. Kh. Kh. Ruziev. Med. paraz [illegible] bol. 26 no. 6,681-687 N-D '57.

KIRGHIZISTAN—PROSPECTING

Oil and gas potentials of Cretaceous sediments [illegible] 3 no. 8:33 Ag '58.

KIRGHIZISTAN—RATS

Control of the Turkestan rat in the nut forests of [illegible] Kirghizistan. K. Beishebaev. Trudy Inst [illegible] AN Kir. SSR no 7:89-96 '59.

KIRGHIZISTAN—REVOLUTION, 1917-1921

Nikishov, P. P. [Struggle against "basmachestvo" in the south of Kirghizistan] Bor'ba s basmachestvom [illegible] Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 195[illegible]

KIRGHIZISTAN—SHRUBS

Results of tree and shrub introductions at the Botanic Garden of the Institute of Botany of the Academy of Sciences of the Kirghiz S. S. R. V I [illegible] Bot. inst Ser. 6 no. 7·469-470 '59.

KIRGHIZISTAN—SUGAR BEETS

Kirghizistan sugar beets. I M Fomenko Sakh. prom 33 no 12 34 D '59.

KIRGHIZISTAN—TICKS

Ecology of Dermacentor marginatus Sulz in Kirghizistan. R. V Grebeniuk Trudy Inst zool i paraz AN Kir SSR no. 7:173-190 '59

Materials on the biology of certain ticks of the genus Haemaphysalis in the Kirghiz S S R. S K Saribaev. Trudy Inst zool. i paraz. AN Kir SSR no 7:191-202 '59

KIRGHIZISTAN—TREES

Results of tree and shrub introductions at the Botanical Garden of the Institute of Botany of the Academy of Sciences of the Kirghiz S. S R. V. I. Tkachenko. Trudy Bot. inst. Ser. 6 no 7:469-470 '59

KIRGHIZISTAN—WATER—PURIFICATION

Shumkin, N. IA. [Purification of water in Kirghizia] Ochistka vody v Kirgizii Frunze, Kirgizskoe gos. izd-vo, 1959. 59 p.

KIRGHIZISTAN—WORMS, INTESTINAL AND PARASITIC

Helminths parasitic on rodents in Kirghizistan. M. M. Tokobaev Trudy Inst zool i paraz AN Kir SSR no. 7: 133-142 '59

KIRIKOV, SERGEI VASIL'EVICH, 1899-

Sergei Vasil'evich Kirikov, on his 60th birthday A N Formozov Izv. AN SSSR Ser geog no 2 146-147 Mr-Ap '60

KIRIN PROVINCE—TECHNOLOGICAL INNOVATIONS

Striving for better quality. Lu Feng-ch'un. Druzhba no.51:6 D '59

KIROV, SERGEI MIRONOVICH, 1886-1934

Dates, events, and people. Komm. Bel. 33 no. 11:76-78 N '59.

KIROV PROVINCE—COOPERATIVE SOCIETIES

After the reorganization. A. Tokarevskikh. Prom. koop. 13 no. 12:16-17 D '59.

KIROV PROVINCE—ECONOMIC CONDITIONS

Briukhov, B. F. [Economy of Kirov Province and prospects for its future development] Ekonomika Kirovskoi oblasti i perspektivy ee razvitiia. [Kirov] Kirovskoe knizhnoe izd-vo, 1959. 68 p.

KIROV PROVINCE—EDUCATION, COOPERATIVE

Organization of production practice for students specializing in accounting. E. V. Komarov Uchet i fin. v kolkh i sovkhoz 16 no. 12 55-56 D '59.

KIROV PROVINCE—GRASSES

Cultivation tests of wild native and Alpine forage grasses in the environs of Kirov. E. I. Burova. Trudy Bot. inst. Ser. 6 no. 7:215-217 '59.

KIROV PROVINCE—HAZEL

Hazelnut culture in Kirov Province. V. P. Koriakina. Trudy Bot. inst. Ser 6 no. 7:173-177 '59.

KIROV PROVINCE—LUMBERING

In a lumbering enterprise. A Panchenko. NTO no 11: 48-49 N '59.

KIROV PROVINCE—POTATOES

Optimum planting density for potatoes in Kirov Province [with summaries in English, German, and French] L A. Lorkh Vest sel'khoz nauki 4 no 12 118-119 D '59.

KIROV PROVINCE—SKIN GRAFTING

Experience in the use of free skin grafting in hospitals of Kirov Province [with English summary in appendix]. A. I Kozlov. Ortop., travm. i protez. 20 no. 11:23-28 N '59.

KIROV REGION—CINQUEFOIL

Species of endemic flora in the environs of Kirov F. A. Aleksandrov Bot zhur 44 no. 10:1490-1491 O '59.

KIROV REGION—VETCHLING

Species of endemic flora in the environs of Kirov F. A. Aleksandrov Bot. zhur 44 no 10 1490-1491 O '59

KIROVABAD DISTRICT—EXCAVATIONS (ARCHAEOLOGY)

Report on a trip to Kirovabad District. N. Negmatov. Trudy AN Tadzh. SSR 103:169-171 '59.

KIROVGRAD—ORE DRESSING

Work practices of the Kirovgrad Ore-Dressing Plant. S. I. Popov, D. A. Bolkov, L. D. Kukikov. TSvet. met. 32 no. 12:1-6 D '59.

KIROVOGRAD PROVINCE—COLLECTIVE FARMS

Skilled workers of the collective farm. Kolh. Ukr. 6 no. 12:13-14 D '59.

KIROVOGRAD PROVINCE—INSURANCE, SOCIAL

Money that remains outside the field of supervision. A. Eliseev. Okhr. truda i sots. strakh. no. 12:47 D '59.

KIROVOGRAD PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Agricultural specialists are active promoters of the press. A. Taran. Raspr. pech. no. 12:16 D '59.

KIROVSK (LENINGRAD PROVINCE)—FIRE DEPARTMENTS

Resourceful chief of a fire brigade M. Molchanov. Pozh delo 5 no 12:22 D '59

KIROVSK (MURMANSK PROVINCE)—CURRANTS

Introduction of new berry shrubs at the Polar-Alpine Botanical Garden. L. I. Kachurina Trudy Bot. inst. Ser. 6 no 7:142-143 '59.

KIROVSK (MURMANSK PROVINCE)—HONEYSUCKLE

Introduction of new berry shrubs at the Polar-Alpine Botanical Garden. L. I Kachurina Trudy Bot. inst Ser 6 no. 7 142-143 '59.

KIROVSK (MURMANSK PROVINCE)—PLANTS—CHEMICAL COMPOSITION

Ascorbic acid content of some plants in the Polar-Alpine Botanical Garden I. D. Shmatok. Trudy Bot inst Ser. 6 no. 7:357-361 '59.

KIRUNA, SWEDEN—PLANTS, ORNAMENTAL

Cultivation of ornamental plants in the polar regions of Sweden F Haffner Bot zhur 44 no 11:1600-1601 N '59

KISHINEV—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Measures have been taken for improving the work of an apartment-house office. Zhil.-kom. khoz. 9 no. 12: 20 '59.

KISHINEV—BUILDING MATERIALS INDUSTRY

Initiators G. Rogova Komm. Mold. 4 no 12:53-55 D '59.

KISHINEV—RETAIL TRADE

There must be some reorganization E. Gabuntia Komm Mold 4 no 11 68-72 N '59.

KISHINEV—TELEVISION IN COMMUNIST EDUCATION

Valuable initiative. Komm. Mold. 4 no. 12:70-71 D '59.

KISLAYA INLET—MARINE BIOLOGY

Composition of the bottom population of Kislaya Inlet of Kandalaksha Gulf on the White Sea. L. D. Kaminskа. Pratsi Od. un. Zbir. stud. rob no. 5(vol. 149) 155-157 '59.

KITAB—LATITUDE VARIATION

Variation of the latitude of Kitab in 1948-1949. G. A. Lange, D. I. Kravtsev. Trudy Tashk. astron. obser. Ser. 2 4 102-122 '54.

KITAEV, EVGENII VASILEVICH, 1893-1959

Evgenii Vasilevich Kitaev; obituary. Vest. sviazi 19 no. 12:32 D '59.

KITCHEN UTENSILS

Kitchen equipment. V. Rybitskii. Zhil. stroi. no. 12: 21-23 '59.

KITSMAN' DISTRICT—STOCK AND STOCKBREEDING

We'll complete our tasks in milk and meat production ahead of time. V. P. Hryhorashchuka. Kolh. Ukr. 6 no. 12:27-28 D '59.

KIZEL—RAILROADS—SNOW PROTECTION AND REMOVAL

Prerequisite for an economic spending of allocations A D Kozlovskii Put' i put khoz no 11 10 N '59

KIZEL BASIN—MINERS

Under new labor conditions. N. Kobelov, P. Evsikov. Mast. ugl. 8 no. 3:10 Mr '59.

KIZIL KUM see **Kyzyl Kum**

KIZLYAR—MUTUAL BENEFIT ASSOCIATIONS

Let's pay more attention to collective farm mutual benefit associations. N. Subbotin Sots. obesp. 20 no 11 44 N '59

KLIMKOVICH, MIKHAS', 1899-1954

Mikhas' Klimkovich, on the 60th anniversary of his birth. Ul Boika Belarus' 16 no 11:25 N '59.

KLIN DISTRICT—RETAIL TRADE

Many omissions. I. Kudriashov. Sov. potreb. koop. 4 no. 1:13-14 '60.

KLINTSY—SHOE INDUSTRY

Only first-class shoes. T. Kozina. Prom. koop. 13 no. 12:12 D '59.

KLYAZ'MA VALLEY—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

From the early history of Vladimir and its vicinity. N. N. Voronin Sov arkheol. no. 4 74-81 '59.

KLYAZ'MA VALLEY—HUMUS

Composition of humus substances in bottom-land soils. A. P. Diukova. Nauch. dokl. vys. shkoly; biol. nauki no. 2:198-202 '60.

KLYSTRONS

Ring resonator for a radial klystron. A. I. Tereshchenko, V. I. Mil'ko. Zhur tekh. fiz. 29 no. 11:1415-1417 N '59.

KNEBEL', MARIIA OSIPOVNA

Through the years. M. Knebel'. Teatr 21 no. 1:90-101 Ja '60.

KNEE

Changes in the knee joint during prolonged immobilization. V. A. Pavlova Uch zap. MGZPI 2:51-70 '59.

Development and age changes of the synovial membrane the capsule of the human knee joint. V N. Pavlova Uch zap. MGZPI 2:16-17 '59

Morphological and functional characteristics of the lymphatics of the synovial membranes of the knee joint as related to absorption from the joint cavity. V. N Pavlov. Uch zap MGZPI 2:50-53 '59

KNEE—DISEASES

Case of brucellar serohemorrhagic synovitis of the knee joint. [with English summary in appendix]. A. A. Beliakov. Ortop., travm. i protez. 20 no. 11:80-81 N '59

Extensor forms of contracture of the knee joint in children K V. Neiman Ortop., travm. i protez. 20 no. 4:67-68 Ap '59

KNEE—INNERVATION

Innervation of the capsule of the knee joint. V. N. Pavlov. Uch. zap MGZPI 2:30-36 '59.

KNEECAP see **Patella**

KNIT GOODS INDUSTRY see subdivision under **Orenburg**

KNITTING MACHINES

Manufacturing nylon socks by a single-process method on cotton knitting machines without a jacquard apparatus L. P Ignatova, D T. Draga, I. K Vardechinskii Izv. vys. ucheb zav.; tekh leg. prom no 5:1-6 '59 '60.

KNOTWEED

(see also subdivision under Bryansk Province, Kiev; Leningrad Province)

Introduction of herbaceous plants with tannin-yielding roots. P. S. Pervukhin. Trudy Bot. inst. Ser. 6 no. 7: 380-381 '59.

KNOWLEDGE, THEORY OF

Shashkovich, P. D. [Immanuel Kant's theory of knowledge] Teoriia poznaniia Immanuila Kanta. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 303 p.

KOCH'S LYMPH see **Tuberculin**

KOCHKOR VALLEY—FISHES, FOSSIL

Fishes from Miocene deposits of Kirghizia. V. N. IAkovlev. Paleont. zhur. no. 1:107-111 '60.

KOGAN, ARKADII

A poet and artist on the construction site A IAkovlev Moskva 3 no 9:221 '59

KOKCHETAV—AMATEUR THEATRICALS

Enthusiasts of gay plays. K Maksimovich. Sov. Kazakh 34 no 2 115-116 F '60

KOKCHETAV—TRANSPORTATION, AUTOMOTIVE

Practice shows, results confirm. P. Blinov. Nar. khoz. Kazakh. no. 12:76-78 D '59.

KOKCHETAV—WEIGHING MACHINES

Strengthen the designing office of the plant. V. Orlov. Nar. khoz. Kazakh. no. 12:19-21 D '59.

KOKCHETAV PROVINCE—BOTANY

Vegetation of Kokchetav Province as related to the reclamation of virgin lands in Kazakhstan. G. S. Kolomiiets'. Pratsi Od. un. Zbir. stud. rob. no. 5(vol. 149) 205-207 '59.

KOLA PENINSULA—FROZEN GROUND

Some problems in the history of permanently frozen strata on the Kola Peninsula. I. IA. Baranov. Trudy Inst. merzl. AN SSSR 16:70-80 '60.

KOLA PENINSULA—PINE

Transplanting mature Siberian pine (Pinus sibirica (Rupr.) Mayr.) to the Kola Peninsula. L. N. Gorlanova. Izv. Kar. i Kol'. fil. AN SSSR no. 3:94-97 '59.

KOLA PENINSULA—ROCKS, IGNEOUS

Geological age of the Lovozero and other alkaline massifs of the Kola Peninsula. P. I. Semenov, I. D. Shuba. Trudy IGEM no. 20 136-141 '59.

KOLA PENINSULA—SOILS—BACTERIOLOGY

Toxicity of soils of the Kola Peninsula to aerobic cellulose bacteria [with summary in English]. R. A. Zhukova. Mikrobiologiia 28 no. 6:904-910 N-D '59.

KOLA PENINSULA—TREES

Effect of west winds on woody plants of the Kola Peninsula. V. V. Kriuchkov. Izv. Kar. i Kol'. fil. AN SSSR no. 3:98-101 '59.

KOLAS, IAKUB, pseud. see **Mitskevich, Konstantin Mikhailovich, 1882-1956**

KOLS see **Mundas**

KOL'TSOV, ALEKSEI VASIL'EVICH, 1809-1842

Poetry of the national spirit on the 150th anniversary of the birth of A V Kol'tsov N Rylenkov Moskva 3 no 10 202-203 '59

Unknown verse of A.V Kol'tsov P Ukhov. Moskva 3 no 10 204 '59

KOLTURBAN REGION—LIMESTONE

Age of the Kolturban limestones in the Southern Urals. N P Malakhova. Dokl AN SSSR 132 no 2 432-434 My '60

KOMANDORSKIYE ISLANDS—WORMS, INTESTINAL AND PARASITIC

Helminths parasitic in fur seals of Komandorskiye Islands S I Delamure, A S Skriabin Nauch dokl vys. shkoly, biol nauki no 2 11-14 '60.

KOMAR, ANATOLII MYKOLAIOVYCH, 1909-1959

Anatolii Mykolaiovych Komar Visnyk ABiA URSR no 4 79 '59

KOMI A S S R —CONSTITUTION

Komi A S S.R Constitution [Constitution (fundamental law) of the Komi Autonomous Soviet Socialist Republic, with amendments adopted by the Supreme Soviet of the Komi A S S R from September 30, 1948 to June 26, 1959] Konstitutsiia (osnovanoi zakon) Komi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dop , priniatymi Verkhovnym Sovetom Komi ASSR, 30 sentiabria 1948 goda, - 26 iiunia 1959 goda. Syktyvkar, Komi knizhnoe izd-vo, 1959 26 p.

KOMI-PERMYAK NATIONAL REGION—FRUIT CULTURE

Orchard in the north I F. Ovchinnikov Sad i og. 97 no 11 70-71 N '59

KONASHEVICH, VLADIMIR MIKHAILOVICH, 1888-

Imagination and mastership I' D Kuznetsov Doshk. vosp 33 no 1 62-67 Ja '60

Konashevich, illustrator of children's books V. Silant'eva Iskusstvo 22 no 11 38-40 '59

KONENKOV, SERGEI TIMOFEEVICH, 1874-

Abounding with talent K. Kravchenko. Iskusstvo 22 no 10·18-26 '59.

KONOTOP—DEAF—EMPLOYMENT

A noteworthy date. G Konovalov. Zhizn' glukh. 12 no. 12,16 D '59

KONOVALOV, GRIGORII

The beginning of a great epic ("Sources" by G. Konovalov. Reviewed by A Naldeev) Neva no 11 185-187 '59.

KOPYL'—MOTION-PICTURE PROJECTION

Remodeling the UDSamplifier. N. Byliuk. Kinomekhanik no. 12:40 D '59

KOREA—HISTORY

The founder of the "land of stars." Han Ser Ya. Sovr. Vost. no 4 25 Ap '60.

KOREA, NORTH—SOCIAL CONDITIONS

The labor way ("Korean summits" by N Khokhlov Reviewed by IU Savenkov) Vokrug sveta no 1 62 Ja

KOREA, NORTH—THEATER

Fighter for the happiness of mankind. Li Dang. Sovr. Vost. no 4 26-27 Ap '60

KOREA, SOUTH—ELECTIONS

Over corpses to the presidency. S. Gorskii. Sovr. Vost. no. 4 62 Ap '60.

KOREA, SOUTH—FOREIGN RELATIONS—UNITED STATES

The Korean collapse. Sovremennik. Nov. vrem 18 no 19 3-5 My '60

KOREA, SOUTH—POLITICS AND GOVERNMENT

The Korean collapse Sovremennik. Nov. vrem 18 no. 19 3-5 My '60.

The Korean volcano. R. Gavrilov. Nov. vrem. 18 no. 18 15-16 My '60

KORYAK DISTRICT—COOPERATIVE SOCIETIES

In northern Kamchatka. K Kuzakov. Sov. potreb. koop. 4 no. 1,28-29 '60.

KORYAKS see subdivision under Penzhina Valley

KORZHENEVSKII, NIKOLAI LEOPOL'DOVICH, 1878-1958

N. L. Korzhenevskii; obituary. N. Pal'gov. Trudy Sekt. geog. AN Kazakh. SSR no. 5·218-220 '59.

KOS-ANATOL'SKYI, ANATOL', 1909-

When a heart is young, joyful, and warm Rostyslav Bratun' Ukraina no 24 28 D '59

KOSHKAR REGION—SECONDARY RECOVERY OF OIL

Using secondary recovery methods in the Koshkar field. S Aryzgulov. Neftianik 4 no. 12·31 D '59

KOSTENKI (VORONEZH PROVINCE)—STONE AGE

"Kostenki 1" by P P Efimenko Reviewed by S N Bibikov Sov arkheol no 1 258-261 '59

KOSTENKI (VORONEZH PROVINCE)—STONE IMPLEMENTS

Results of the study of stone implements. Kh. K. Alpysbaev Krat. soob. IIMK no. 76 10-16 '59

KOSTENKO, MIKHAIL POLIEVKTOVICH, 1889-

Academician M P. Kostenko. A A Alekseev and others. Elektrichestvo no 12 81-82 D '59.

KOSTIUK, GRIGORII SILOVICH, 1899-

G. S. Kostiuk, on his sixtieth birthday Vop psikhol 5 no 6 180-181 N-D '59

KOSTOMUKSA REGION—IRON ORES

Conditions governing the formation of the Kostomuksa iron ore deposit V. M. Chernov. Izv. Kar. i Kol'. fil. AN SSSR no. 3 17-27 '59.

KOSTROMA PROVINCE—MILITARY EDUCATION

In local school organizations. F. Kokin. Voen znan. 36 no 4·16-17 Ap '60

KOSTROMA PROVINCE—SPRUCE—DISEASES AND PESTS

Degree of butt rot damage on spruce trees of Kostroma Province forests. A. V. Vagin. Nauch. dokl vys. shkoly, lesoinzh. delo no. 2,60-63 '59.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

The artist's role as shown in Kotsiubyns'kyi's novels "Intermezzo" and "Apple blossom." IE. V. Savel'ieva. Pratsi Od un. Zbir stud. rob. no. 5:(vol. 149) 94-103 '59.

M. M. Kotsiubyns'kyi's interest in folklore and ethnography. N. O Buchko. Nar. tvorch. ta etn. 3 no. 3 71-77 Jl-S '59.

Volodymyr Samiilenko's letters to Mykhailo Kotsiubyns'kyi. Submitted by O K. Babyshkin. Rad. lit. no. 6 135-137 N-D '59.

KOTUY VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on Devonian deposits in the lower Kotuy Valley. T. V. Milasheva. Sbor. st. po paleont. i biostrat. no. 15 10-15 '59.

KRAKOW—CHESS—TOURNAMENTS

Tournament in Krakow V Korchnoi Shakh. v SSSR 36 no 12 379 D '59

KRAMSKOI, IVAN NIKOLAEVICH, 1837-1887

A page from Russian art of the past. A. K. Lebedev. Iskusstvo 22 no. 7·71 '59.

KRASNO-PEREKOPSK DISTRICT—ALGAE

A new species of blue-green algae (Anabaena solicola sp. n.) [with summary in English] N. V Kondrat'ieva. Ukr bot. zhur 16 no 5:77-80 '59.

KRASNOBAEV, TIMOFEI PETROVICH, 1865-1952

Review of M. A. Akhmeteli and R. V. Suvorova's book on "T. P. Krasnobaev." B D. Petrov. Probl tub. 37 no 7:97-100 '59.

KRASNODAR—FLIGHT TRAINING

Theory and practice should go hand in hand. A. Kurinnoi. Kryl. rod 10 no. 11:8 N '59.

KRASNODAR—MANUAL TRAINING

Socially-useful work in the life of a group E. K TSedilin Sred spets obr. 6 no 12 53-54 D '59

KRASNODAR TERRITORY—AGRICULTURE

From crews to over-all mechanized brigades. K. Zhidkov Tekh v sel'khoz. 20 no. 1,15-17 Ja '60.

KRASNODAR TERRITORY—COLLECTIVE FARMS

Foremost collective farms help the lagging ones. I. Baliasinskii, IU. Stupalov. Ekon. sel'khoz 30 no. 8·53-55 D '59

KRASNODAR TERRITORY—COLLECTIVE FARMS—FINANCE

Economic nature and structure of the undivided funds of collective farms. D. Pravdin. Nauch. dokl. vys. shkoly, ekon nauki no. 4,64-76 '59.

Undivided funds are the basis of the consolidation of the collective farm material base. D. Pravdin. Ekon. sel'khoz. 30 no. 8:77-80 D '59.

KRASNODAR TERRITORY—COOPERATIVE SOCIETIES

Unsolved problems. F. Rysov. Prom. koop. 13 no. 12·6 D '59.

KRASNODAR TERRITORY—FRUIT CULTURE

New method of bringing forest orchards under cultivation V P Vishnevskii Sad i og 97 no 12 43-44 D '59

KRASNODAR TERRITORY—HOSPITALS—CONSTRUCTION

With the aid of local councils. M. V. Fedin. Sov. zdrav. 19 no. 1·17-20 '60.

KRASNODAR TERRITORY—INSURANCE, SOCIAL

Analyzing the audit results... V. Rudenko. Sots. obsep. 20 no. 12:15-16 D '59.

KRASNODAR TERRITORY—LIBRARIES, RURAL

Books in the service of the seven-year plan. N. Krylov. Agitator no. 24:53 D '59.

KRASNODAR TERRITORY—METEOROLOGY, AGR CULTURAL

Agricultural-meteorological observations in scho V S. Pokrovskaia Geog. v shkole 22 no. 6 72-7 N-D '59

KRASNODAR TERRITORY—OILSEEDS

Economic effectiveness in the cultivation of esse bearing plants in the Krasnodar Territory V I F mykin, A P Isaev Masl -zhir prom 25 r. 1 '59

KRASNODAR TERRITORY—POULTRY HOUSES AND EQUIPMENT

Expansion and intensification of the operations of storage warehouses in poultry combines A Ch V Ochakovskii. Mias ind SSSR 30 no 2·37-39

KRASNODAR TERRITORY—PUBLIC HEALTH, RURA

Man and the seven-year plan. P.S. Fedoseev, Zd 5 no. 12·1-3 D '59.

KRASNODAR TERRITORY—STOCK AND STOCKBREE

Advantageous distribution of animal husbandry in Kr nodar Territory M IA. Lemeshev Biul nauch inform VIZH no 1·33-38 '57

KRASNODON—KINDERGARTEN

A speech at the Teachers' Congress. O. Koshova D vykh. 20 no 12:7-9 D '59

KRASNOGORSK—SERVICE INDUSTRIES

Saturday after five S Mar'iamin Smena 36 no 2 D '59.

KRASNOGVARDEYSKOYE DISTRICT (BELGOROD PRO INCE)—SWINE

Ascend to the level of foremost farms. T. D. Sviri Svinovodstvo 13 no. 12,21-24 D '59.

KRASNOURAL'SK REGION—PETROLOGY

Geological and petrographic characteristics of the ing formation in the northern part of the Krasnoura region. G. A Kurtsein. Trudy Gor.-geol. inst. UF SSSR no. 33;161-295 '59.

KRASNOYARSK—CEMENT

Making rapid hardening cement at the Krasnoyarsk Cement Plant. V. V. Vekhova and others. TSe 25 no. 6·17-20 N-D '59.

KRASNOYARSK—MEDICAL RESEARCH

Research at the Krasnoyarsk Medical Institute. P.G Podzolkov. Zdrav Ros. Feder 3 no 12:7-9 D '5

KRASNOYARSK HYDROELECTRIC POWER STATION

The first hydroelectric power station on the Yen N. Bobrov. Za rul. 17 no. 11:6-7 N '59.

KRASNOYARSK HYDROELECTRIC POWER STATION REGION—ENCEPHALITIS

Virological characteristics of a focus of tick bor encephalitis in the construction area of the Kras Hydroelectric Power Station T. N. Zakorkina Me paraz. i paraz bol. 28 no. 5:563-566 S-O '59

KRASNOYARSK PROVINCE—DEAF—SOCIETIES, ETC

Give a helping hand to a new worker. S. Lostatov. Zhizn' glukh. 12 no. 11:10 N '59.

KRASNOYARSK TERRITORY—DIOPSIDE

Pyropes and chrome diopside in basaltic pipes of the Minusinsk intermontane fault. N A Okhapkin, V. L Chubugina. Dokl. AN SSSR 132 no 2 439-442 My '6

KRASNOYARSK TERRITORY—PYROPE

Pyropes and chrome diopside in basaltic pipes of the Minusinsk intermontane fault. N A Okhapkin V L Chubugina. Dokl AN SSSR 132 no 2 439-442 My '6

KRASNOYARSK TERRITORY—INDUSTRIES

Lovchenko, S. V., A. I. Zubkov, and D. D. Gorizontov [Industrial development of Krasnoyarsk Territory, popular scientific study] Problemy promyshlennogo razvitiia Krasnoiarskogo kraia; nauchno-populiarnyi ocherk. [Krasnoiarsk] Krasnoiarskoe knizhnoe iz vo, 1958. 170 p.

[MICROFILM]

KRASNOYARSK TERRITORY—INSURANCE, SOCIAL

Trust your volunteers! V. Nesterenko. Sots obsep no. 12:17 D '59.

KRASNOYARSK TERRITORY—METEOROLOGISTS

Four from the Olen' River. Vl. Iliesh. Sov. Soiuz. n 40-50 '60.

KRASNOYARSK TERRITORY—MILK—TRANSPORTATI

Increase the fleet of milk tank-trucks. V. Lebedev Moloch. prom. 20 no. 12:23 D '59.

KRASNOYARSK TERRITORY—NATURAL RESOURCES

Levchenko, S. V., A. I. Zubkov, and B. B. Gorizontov. [Industrial development of Krasnoyarsk Territory, popular scientific study] Problemy promyshlennogo razvitiia Krasnoiarskogo kraia, nauchno-populiarnyi ocherk [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1958. 170 p.

[MICROFILM]

KRASNOYARSK TERRITORY—NEWSPAPER AND PERIODICAL CIRCULATION

Give exemplary service to workers in new settlements O Volnenko Raspr pech no 4 15 Ap '59

KRASNOYARSK TERRITORY—RAILROADS—ELECTRIFICATION

There is alternating current on the Krasnoyarsk Railroad. Elek i tepl tiaga 3 no.12 10-11 D '59

KRAVCHENKO, FEDOR IVANOVICH

Using knowledge and experience for the improvement of collective farm accounting Uchet i fin v kolkh i sovkhoz 16 no.12 20-21 D '59.

KREMENCHUG—DUMP TRUCKS

At an industrial plant in Kremenchug IA Hubenko Ukraina no 2 4-5 Ja '60.

KREMLIN—GUIDEBOOKS see subdivision under Moscow

[illegible]—FIRE

They lost all their possessions in a fire. Sov.Soiuz. no.1·40-43 '60.

KRIVAYA VALLEY (STAVROPOL TERRITORY)—ANTIQUITIES

Surface tombs in the Krivaya River Valley in Stavropol Territory. V.A.Kuznetsov. Krat.soob.IIMK no.76· 83-89 '59.

KRIVOY ROG—CIVIC IMPROVEMENT

You won't recognize our settlement K. Pampukha. Agitator no.1:65 Ja '60

KRIVOY ROG—IRON MINES AND MINING

First-year results in the seven-year plan for the Krivoy Rog Basin. S. M. Meleshkin. Gor. zhur. no. 1:3-5 Ja '60

Increasing the production of low-grade ores is an additional potentiality for the Krivoy Rog Basin. P. I. Kudriashov. Gor. zhur. no. 1:40-41 Ja '60.

Krivoy Rog Basin mines need ore-hoisting and ventilation shafts. V. D. Titov. Gor. zhur. no. 1:25-27 Ja '60.

Plan for the reorganization of the Artem Mine. M. G. Dzivlenko. Gor. zhur. no. 1:21-24 Ja '60.

Work practices of the "TSentral'naya" Mine. F. I. Veresa, M. N. Pronin. Gor. zhur. no. 1:35-39 Ja '60.

KRIVOY ROG—MINE DUSTS

Dust control at the "TSentral'naya" Mine. A. M. Baluta, V. I. Tyshko. Gor. zhur. no. 1:74-75 Ja '60.

KRIVOY ROG—MINE VENTILATION

Improving ventilation systems in Krivoy Rog Basin mines. V. M. Kiselev, A. N. Skidan. Gor. zhur. no. 1:73-74 Ja '60.

KRIVOY ROG—MINERS—DISEASES AND HYGIENE

Fractures of the pelvic bones in workers of the Krivoy Rog Basin M. I Bystritskii. Ortop., travm. i protez. 20 no. 4:34-38 Ap '59.

KRIVOY ROG—MINING ENGINEERING

Boring and blasting operations in open-cut mines of the Krivoy Rog Southern Mining and Ore-Dressing Combine. I. F. Oksanich, A. I. Potapov. Gor. zhur. no. 1:53-58 Ja '60.

KRIVOY ROG—MINING ENGINEERING—SAFETY MEASURES

Il'enko, V. G., and others. [Safety techniques in Krivoy Rog Basin mines] Tekhnika bezopasnosti na shakhtakh Krivbassa. Kiev, Gos. izd-vo tekhn. izd-vo lit-ry USSR, 1959. 133 p.

[MICROFILM]

KRIVOY ROG—MINING GEOLOGY

Hydrogeological conditions of mining deep-lying deposits of rich, Krivoy Rog Basin ores. V. D. Natarov. Gor. zhur. no. 1:16-21 Ja '60.

KRIVOY ROG—PROSPECTING—EQUIPMENT AND SUPPLIES

Supply and preparation of mud solutions for one of the Krivoy Rog Trust geological prospecting parties. B. B. Kudriashov. Sbor. nauch. rab. stud. LGI no. 2:85-93 '57.

KRIVOY ROG—QUARTZITE

New technology of mining Krivoy Rog Basin iron quartzites by the open-cut method. M. G. Novozhilov, V. G. Sellanin. Izv. vys. ucheb. zav ; gor zhur. no. 3:55-63 '59.

KRIVOY ROG—SHAFT SINKING

Efficient type of lining for Krivoy Rog Basin mine shafts. B. E. Gordon. Gor. zhur. no. 1:48-53 Ja '60.

KRIVOY ROG—STEELWORKS—EQUIPMENT AND SUPPLIES

Intensify the mechanization of labor-consuming operations in the "Krivororzhstal'" Plant. IA. I. Shcherbina. Bezop. truda v prom. 3 no. 12,17-18 D '59

KRIVOY ROG—STRIP MINING

Multiserial, short-delay blasting in open-cut mines of the Krivoy Rog Southern Mining and Ore-Dressing Combine. D. I. Maliuta and others Gor. zhur. no. 1, 58-60 Ja '60.

KRIVOY ROG BASIN—AUTOMATION

Automation of production processes in enterprises of the "Dzerzhinskruda" Trust. V. F. Kobevnik. Mekh i avtom. proizv. 13 no. 12·31-32 D '59.

KRIVOY ROG BASIN—BUILDING MATERIALS INDUSTRY

Constructing building materials enterprises in the Krivoy Rog Basin M. Z. Ginzburg. Prom. stroi. 37 no. 12 7-12 D '59.

KRIVOY ROG BASIN—MINING ENGINEERING

Automation of production processes in enterprises of the "Dzerzhinskruda" Trust. V. F. Kobevnik. Mekh. i avtom. proizv. 13 no. 12,31-32 D '59.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Educational writings of N. K. Krupskaia. N. V. Zikeev. Sov. pedag. 23 no. 12 132-138 D '59.

N. K. Krupskaia on socially useful work. Z. S. Uzhgina. Sov pedag. 24 no. 1:88-94 Ja '60.

Our great friend. A. I. D'iachkov. Zhizn' glukh. 12 no. 12,15 D '59.

KRYLOV, IVAN ANDREEVICH, 1768-1844

Supervision of literary reading lessons in the sixth grade on the subject of "Oral folk poetry" and "I. A. Krylov" G. K. Bocharov. Izv APN no 109:87-88 '59

KRYMSKAYA DISTRICT—PUBLIC PROSECUTORS

To the point. Z. Grigor'eva Sots zakon. 36 no. 12:51 D '59.

KRYPTON

Changes in oxygen piping systems in the KT-3600 unit. A. P. Podchufarov. Kislorod 12 no. 6:53-54 '59.

KRYUKOV—STONE, CRUSHED

Kriukovo crushed stone. V. G Gribanov, G. G Velikii Put' i put khoz no 11 40-41 N '59

KRYULYANY DISTRICT—MEDICINE—STUDY AND TEACHING

Improving the surgical skills of sub-professional medical personnel at feldsher-midwife centers. R. L. TSvang. Fel'd. i akush. 25 no. 1:42-45 Ja '60.

KSAVERIVKA—RURAL ELECTRIFICATION

Electrification of the collective-farm village of Ksaverivka V. Sobol'. Sil'. bud. 9 no. 11:6-7 N '59.

KUBAN—OAK

Planting oak in clusters in the Kuban. F. Chapurin. Nauka i pered. op. v sel'khoz. 9 no. 12·30-31 D '59.

KUBAN—OIL FIELD FLOODING

Water injection methods used in Kuban oil fields. M. A. Osipian. Neftianik 4 no 11:10 N '59.

KUBAN—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

In the Kuban; to be continued. T. Zaporozhko. Neva no. 11·140-152 '59.

KUBAN—SUGAR INDUSTRY

Measures for increasing the production capacity of sugar factories. IU. D. Kot. Sakh. prom 33 no 12:10-14 D '59.

KUBAN—VITICULTURE—COSTS

Cost of grapes on state farms and ways to reduce it. A. Kuznetsov. Ekon. sel'khoz. 30 no. 8:92-95 D '59.

KUBAN-AZOV LOWLAND—GEOLOGY, STRUCTURAL

Basic features of the tectonic pattern of the Kuban-Azov Lowland A. V Chekunov. Nauk. zap. Kyiv. un. 16 no. 14:53-62 '57.

KUDRIAVTSEV, ANATOLII

Anatolii Kudriavtsev's first stories. E. Knipovich. Moskva 3 no. 10:117-118 '59.

KUIBYSHEV, VALERIAN VLADIMIROVICH, 1888-1935

Our anniversary calendar. Nauka i zhyttia 8 no 5·63 My '58.

KUKHISTAN—BIRDS

Popov, A. V. [Birds in the Gissar- Karategin area; an ecologico-geographical survey] Ptitsy Gissaro-Karategina; ekologo-geograficheskii ocherk. Pod red. V. A. Stal'makovoi. Stalinabad, Izd-vo Akad. nauk Tadzhikskoi SSR, 1959. 179 p.

KUKLIN, LEV VALERIANOVICH

First steps ("Neighbors in life" by Lev Kuklin; "Pursuits" by Vladimir Britanishskii. Reviewed by I. Aleksakhina). Moskva 3 no. 8:207-208 '59

KUKRYNIKSY, pseud

Three artists. V. Kemenov. Iskusstvo 22 no. 9:4-16 '59.

KULIEV, KAISYN SHUVAEVICH

Kaisyn Kuliev Alim Keshokov Oktiabr' 36 no 11 195-201 N '59

KULUNDA STEPPE—AGRICULTURE

In Kulunda Semen Makarov Ukraina no 2.15-16 Ja '60

KULUNDA STEPPE—SOILS

Fossil soils of the Middle and Upper Oligocene in Kulunda [with summay in English] S. N. Sellakov. Pochvovedenie no. 12:85-90 D '59

KUM-DAG REGION—GEOLOGY, STRATIGRAPHIC

Contact zone of Akchagyl and Apsheron stages in the Kum-Dag field (Turkmenistan). S. Amanov. Dokl. AN Azerb. SSR 15 no. 11:1037-1041 '59.

KUNANBAEV, ABAI, 1845-1904

"Letters from Tatiana" by Abai Kunanbaev. V. Dernova. Sov. muz. 24 no. 1 79-85 Ja '60.

KUPALIAN, STEPAN DAVYDOVICH

Alpine hill. M. Zhalnina. Moskva 3 no. 11:219-220 '59.

KUPYANSK DISTRICT—CORN (MAIZE)

For 80 centners of corn to the hectare! I. Sheremet. Nauka i pered. op. v sel'khoz. 9 no. 12·9 D '59.

KURA RIVER—CARP

Parasites of some commercial carp of the Kura River [in Azerbaijani with summary in Russian] T. K. Mikailov. Izv. AN Azerb. SSR. Ser biol. i sel'khoz. nauk. no. 6:43-48 '59.

KURAKHOVKA—LIGHTWEIGHT CONCRETE

Production of wire-reinforced air-entrained wall and roofing panels at the Kurakhovka Building Materials Plant V. S Gogolev Trudy NIIZHB no 8·175-180 '59.

KURDS see subdivision under Armenia

KURGAN PROVINCE—INSURANCE, SOCIAL

Let's disseminate the experience of the best. I. Golovnin Sots obesp 20 no 11 45 N '59

KURGAN PROVINCE—RAILROADS—MAINTENANCE AND REPAIR

Deserved award N Boldyrev Put' i put. khoz. no 11 32-33 N '59.

KURGOVAT VALLEY—GEOLOGY, STRATIGRAPHIC

Origin of rocks of the Kurgovat granitoid massif. V. N. Volkov. Dokl. AN Tadzh. SSR 2 no. 2:21-26 '59.

KURKIN, PETR IVANOVICH, 1858-1934

Petr Ivanovich Kurkin and Anton Pavlovich Chekhov; on the 25th anniversary of P. I. Kurkin's death. E. IA. Belitskaia. Gig. i san. 24 no. 12·48-52 D '59.

KURLOV, IVAN NIKOLAEVICH, 1894-1959

Ivan Nikolaevich Kurlov; obituary. Zdravookhranenie 2 no. 5:64 S-O '59.

KURNAKOV, NIKOLAI SEMENOVICH, 1860-1941

Solov'ev, IU. I., and O. E. Zviagintsev. [Nikolai Semenovich Kurnakov; his life and works] Nikolai Semenovich Kurnakov; zhizn' i deiatel'nost'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 205 p.

KURSK MAGNETIC ANOMALY

Some results of investigating vertical gradients of the magnetic field in the region of the Kursk Magnetic Anomaly. M. I. Lapina. Izv. AN SSSR. Ser. geofiz. no 4· 594-600 Ap '60.

KURSK MAGNETIC ANOMALY—GEOLOGY

Nauchno-tekhnicheskoe gornoe obshchestvo. Moscow. [Materials on the geology and mineral resources of the European part of the U. S. S. R.] Materialy po geologii i poleznym iskopaemym tsentral'nykh raionov Evropeiskoi chasti SSSR. [Kaluga] Kaluzhskoe knizhnoe izd-vo.

No. 2. [The Kursk Magnetic anomaly] Kurskaia magnitnaia anomaliia. 1959. 241 p.

KURSK PROVINCE—DEAF—EMPLOYMENT

In a worker's family. D. Kmetov. Zhizn' glukh. 12 no. 12:2 D '59.

KURSK PROVINCE—EDUCATION, PRESCHOOL

What a public survey in Kursk Province showed. P. L. Zababurin, E. V. Shul'kina Doshk. vosp. 33 no. 1:51-53 Ja '60.

KURSK PROVINCE—TRICHINA AND TRICHINOSIS

Natural foci of trichinellosis in Kursk Province [with summary in English]. I. IA. Zimorot. Med paraz. i paraz. bol. 28 no 5:586-589 S-O '59

KUSHEV, NIKOLAI EGOROVICH, 1858-1941

On the 100th anniversary of the birth of Prof. Nikolai Egorovich Kushev. L. S IArotskii. Sov zdrav 18 no 12 38-40 '59

KUSTANAY PROVINCE—COAL GASIFICATION, UNDERGROUND

Conference of the Interdepartmental Commission of the Greater Turgai Region, Rudnyi City, 5-7 October 1959 Podzem gaz ugl no 4 76 '59

KUSTANAY PROVINCE—ECONOMIC CONDITIONS

Khramkov, I. P. [Resources of Kustanay Province] Bogatstva Kustanaiskoi oblasti. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 42 p.
(MH)

KUSTANAY PROVINCE—GRAIN ELEVATORS

Builders and mechanics helped us V Nasonov Muk.-elev prom 25 no 12 27 D '59

KUSTANAY PROVINCE—PLANTS, PROTECTION OF

Urgent problems of a virgin land state farm IA M Babaev Zashch rast ot vred i bol 4 no. 3 8-11 My-Je '59

KUSTANAY PROVINCE—RUSSIAN NEWSPAPERS

Leading subjects of a newspaper Part zhizn'Kazakh. 28 no 7:62-66 Jl '59

KUSTANAY PROVINCE—SOCIAL GROUP WORK

Cultural centers on state farms. I. Dzhenalaev. Part. zhizn'Kazakh 28 no 7:50-53 Jl '59

KUSTANAY PROVINCE—STATE FARMS

Cultural centers on state farms I. Dzhenalaev. Part. zhizn'Kazakh 28 no. 7:50-53 Jl '59

KUSTANAY PROVINCE—STOCK AND STOCKBREEDING

We should develop stockbreeding in virgin lands. Sh Kospanov Part zhizn' Kazakh 28[i e 29] no 12 27-30 D '59

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927

Graphic works by B. M Kustodiev. B. Kapralov Iskusstvo 22 no 9:54-63 '59.

Illustrations by B. M. Kustodiev for the works of A. M. Gor'kii. N. Nikiforaki Iskusstvo 22 no. 9:64-66 '59.

KUTUZOV, MIKHAIL ILLARIONOVICH, 1745-1813

A monument to an outstanding military leader B Volynets' Ukraina no 2 8 Ja '60

KUYBYSHEV—AESTHETICS—STUDY AND TEACHING

Experience in the aesthetic training of university students. B. Simanov Kommunist 37 no. 8,123-125 My '60.

KUYBYSHEV—ASTRONOMICAL OBSERVATORIES

Kuybyshev Astronomical Observatory of the All-Union Astronomical and Geodetical Society. I. V. Matveev. Biul. VAGO no. 24:70-76 '59.

KUYBYSHEV—BUILDING MATERIALS INDUSTRY

Kuybyshev Building Materials Combine. S. M. Krylov. Prom. stroi. 37 no. 13,22-24 D '59.

KUYBYSHEV—COMMUNITY CENTERS

And how about you? E. Broviakova, M. Shatokhina. Zhizn' glukh. 12 no 12 17 D '59.

KUYBYSHEV—FIREMEN—EDUCATION AND TRAINING

Fire department training grounds. F. Shcherbakov. Pozh. delo 5 no. 11 20-21 N '59

KUYBYSHEV—LIVER FLUKE

Opisthorchiasis among the population of Kuybyshev. V. D. Galiamina, K. A. Kas'ianova. Med. paraz. i paraz. bol. 26 no. 6:740-741 N-D '57.

KUYBYSHEV—TECHNICAL EDUCATION

Technical conferences of students. I. Socheev. Prof.-tekh. obr. 16 no. 12:15 D '59.

KUYBYSHEV PROVINCE—EROSION

Erosion processes in the Kuybyshev area of the Volga Valley and their control. G. P. Surmach. Sel'khoz. Povol. 5 no. 11 46-51 N '59.

KUYBYSHEV PROVINCE—FORESTS AND FORESTRY

Let's make our forests economically important. IA. IA. Lobanov. Sel'khoz. Povol. 5 no. 11:54-56 N '59.

KUYBYSHEV PROVINCE—MOTION PICTURES

Building new motion-picture theaters, organizing motion-picture service in villages. A. Bukharev, M. Knokhinov. Kinomekhanik no. 12 7-9 D '59.

KUYBYSHEV PROVINCE—PROSPECTING—GEOPHYSICAL METHODS

Some methodological problems of seismic prospecting in Kuybyshev Province. Razved. i prom. geofiz. no. 31: 9-13 '59.

KUYBYSHEV PROVINCE—RETAIL TRADE

A city store becomes a patron N. Katorkin and others. Sov. potreb. koop. 4 no 1:16-19 '60.

KUYBYSHEV PROVINCE—TECHNICAL EDUCATION

Technical schools of the Kuybyshev Economic Council. Sred. spets. obr. 6 no. 11:53-51 N '59.

KUZ'MENKO, IVAN SEMENOVICH, d 1941

Indefatigable. A. Idzkovskii. Sp. igry 5 no. 12:25-26 D '59.

KUZ'MINKI—DEAF—SOCIETIES, ETC.

With us in Kuz'minki. P. Talalushkina. Zhizn' glukh. 12 no 12:10 D '59

KUZNETSK BASIN—COAL

Permeability to gas and the fracturing of some Kuznetsk Basin coals I V Eremin, R N. Pitin, K I Cheredkova Podzem gaz. ugl no 4 13-17 '59

KUZNETSK BASIN—COAL MINES AND MINING

Heroes of published and future books. R. Lovanova. Mast. ugl 8 no. 2:25 F '59.

Initiative of the miners of "Baidaevskaia" Mine. V. Iensen. Mast. ugl. 8 no. 3,11 Mr '59.

The Kuznetsk coal basin in 1942. I. I. Zelkin. Ist. SSSR 3 no. 6 83-94 N-D '59.

"Mining coal deposits in the Kuznetsk Basin" by D. A. Strel'nikov, V G Kozhevin, T. F. Gorbachev Reviewed by L. D. Sheviakov. Ugol' 34 no 12:51 D '59.

Organization of waste rock storage in Kuznetsk basin mines and safety problems. P. A. Leonov. Izv. vys ucheb. zav., gor. zhur no. 2:68-73 '59.

Results of selfless labor. V. Malakhov. Mast. ugl. 8 no. 2:12 F '59.

KUZNETSK BASIN—HOMOPTERA, FOSSIL

The new genus Borisrohdendorfia (Homoptera) from the Kuznetsk series of the Kuznetsk Basin. E. E. Bekker-Migdisova. Paleont. zhur. no 3.138-140 '59.

KUZNETSK BASIN—HYDRAULIC MINING

Hydraulic mining of coal in open pits of the Kuznetsk Basin. V. A. Britarev. Mekh. i avtom. proizv. 13 no. 12. 32-34 D '59.

KUZNETSK BASIN—LAMELLIBRANCHIATA, FOSSIL

New pelecypods of the genus Procoplovskia Ragozin from Carboniferous deposits of the Kuznetsk Basin and the *Kaynaminskoye* region. L. A Ragozin. Vest. Mosk. un. Ser. biol., pochv., geol, geog. 14 no 2:127-134 '59.

KUZNETSK BASIN—MEDICINE—STUDY AND TEACHING

Improving the skills of feldshers' in the fields of surgery *and traumatology*. Z. A. Grinberg. Fel'd. i akush. 25 no. 1:45 Ja '60.

KUZNETSK BASIN—MINE DUSTS—SAFETY MEASURES

Explosiveness of the coal dust of seams in Osinniki deposits. G. I. Chuntu. Bezop. truda v prom. 3 no. 12; 6-9 D '59.

KUZNETSK BASIN—MINE FIRES

Conditions for the occurence of spontaneous ignition and combustion of waste piles in the Prokop'ev region of the Kuznetsk Basin B. A. Surnachev. Izv. vys. ucheb. zav., gor. zhur. no. 6,28-33 '59.

KUZNETSK BASIN—MINE HAULAGE

New developments in the mechanization of underground haulage. S. Malevanaia, V. Poddubnyi. Mast. ugl. 8 no. 3:14-15 Mr '59.

KUZNETSK BASIN—MINE HOISTING

Automatic skip hoisting. A. F. Denisov, V. IA. Prituzhalov. Bezop. truda v prom. 3 no. 12:27-28 D '59.

KUZNETSK BASIN—MINE ROOF BOLTING

Generalizing the experience acquired in using anchor bolting in Kuznetsk Basin stopes. A. K. Kovrizhin. Izv. vys. ucheb. zav., gor. zhur. no. 2:3-9 '59.

KUZNETSK BASIN—STRIP MINING

Open-pit system for mining steep and inclined seams with filling of worked-out areas with barren rock. V. F. Barabanov, P. I. Tomakov, I. I Dergachev. Ugol' 34 no. 12: 6-8 D '59.

KVARELI—MUSEUMS

Kalandadze, A. P. [Il'ia Chavchavadze State Museum in Kvareli] Gosudarstvennyi muzei Il'i Chavchavadze v Kvareli. Tbilisi, 1958. 104 p. [In Georgian.]
(MH)

KVITKA, HRYHORII FEDOROVYCH, 1778-1843

Proverbs and sayings in H. F. Kvitka-Osnov'ianenko's literary work. O. S. Skoryk. Nar. tvorch. ta etn. no. 3: 77-82 Jl-S '59.

***KWEICHOW PROVINCE*—FOLKLORE, CHINESE**

On a folklore genre of the Kweichow Chinese. R. F. Its. Krat. soob. Inst. etn. no. 32:130-133 '59.

KYZYL KUM—MICE

Ecology of the house *mouse (Mus musculus L.)* in Kyzyl Kum. T. A. Kim. Nauch. dokl. vys. shkoly; biol. nauki no. 2:39-42 '60.

KYZYL KUM—POLYMERIZATION

Polymers in the desert. O Hryniuk Ukraina no 2.8 Ja '60.

KZYL-ORDA PROVINCE—RICE—FERTILIZERS AND MANURES

Nitrogen nutrition of rice in Kzyl-Orda Province. L. G. Krapivenko. Fiziol. rast. 6 no. 6:725-729 N-D '59.

LAAR FAMILY

Hero's son A Terekhov Voen. znan 36 [illegible] My '60

LABELING MACHINES

Adhesive paper tape for labeling machines. M. G. [illegible]shina, V. G. Fedeniuk. Shvein. prom. [illegible]

Mechanism for feeding tag machines with [illegible] tape. A. R. Iliushin, N. I. Petrov. Shvein. prom. [illegible] 9 N-D '59.

LABINSK—DRYING OILS

Effect of oil purification on the cooking process of [illegible] phthalic drying oil. T. D. Popova. Masl. [illegible] 26 no. 1,32-33 Ja '60.

LABOR (OBSTETRICS)

Clinical aspects of rapidly progressing labor [with summary in English]. L. G. Badmaeva. Akush. i gin. [illegible] no 6.52-58 N-D '59.

Use of proserine for the stimulation of labor [illegible]stantinov, Z. F. Drobenia Zdrav. Belor. 5 [illegible] D '59.

LABOR, DIVISION OF see Division of labor

LABOR AND LABORING CLASSES

(see also subdivision under Bulgaria; China; Germany; Great Britain, India; Iran; Italy, Leningrad, Moscow, Odessa, Semipalatinsk Province, Ukraine, United States, Uruguay)

Follow-up of our readers' letters. Sots. trud [illegible] D '59

"The formation of the Russian working class [illegible] economic essays" by A. G. Rashin. Reviewed by [illegible] Pogrebinskii. Ist. SSSR 3 no. 6:155-160 [illegible]

Glorious path. Nikolai Azarov. Sov. profsoiuzy [illegible] 22-26 Ap '60.

Gur'ianov, S. Kh., and others. [Practical aids [illegible] economics, establishing norms, wages and labor [illegible] at enterprises of the U.S.S.R.] Prakticheskoe [illegible] po ekonomike truda, normirovaniiu, oplate i [illegible] truda na predpriiatiiakh SSSR. Pod obshchei red. [illegible] Kudriavtseva. [Moskva] Izd-vo VTsSPS, [illegible] 1959. 206 p.

"Impoverishment of the working class under capitalism" by I. I. Kuz'minov. Reviewed by V. Dementev. Mirovaia [illegible] nar. zhizn' 7 no. 5:150-151 My '60.

Letters to the editors. Sots. trud no 12:129 [illegible]

Present-day pauperization of workers in capitalist countries. V Cheimbrovskii Komm [illegible] 32-41 N '59

Sonin, M. IA. [Reproduction of the labor force in the U.S.S.R. and balanced allocation of work] Vosproizvodstvo rabochei sily v SSSR i balans truda. Moskva [illegible] plantzdat, 1959. 367 p.

A textbook on labor economics ("Labor [illegible]") A E Grigor'ev. Reviewed by M [illegible] trud 4 no. 11 154-159 N '59.

To what social class the workers of state farms [illegible] A. Krasov. V pom polit samoobr. 3 no. [illegible] '59.

V. I. Lenin on the role of the masses in the [illegible] communism. E. Bugaev. Sov. profsoiuzy [illegible] Ap '60.

Workers of colonies and undeveloped countries [illegible]lov. V pom. polit. samoobr. 3 no. 12:111 [illegible]

Workers' wages on the eve of the October Revolution. G. A. Trukan. Ist. SSSR 3 no. 6:111-123 N-D '59.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—CONGRESSES

Heroes of our time. Wu Min. Druzhba no. 51 1-5 [illegible]

LABOR AND LABORING CLASSES—DWELLINGS

(see also subdivision under Al'met'evsk; Sakhalin Basin; Saratov Province; Suchan Basin)

Housewarming in houses that we built. I. Pa[illegible] Zhizn' glukh. 12 no. 11:8 N '59.

LABOR AND LABORING CLASSES—EDUCATION

Literary group in the workshop; notes of a culture organizer. Aleksei Krutetskii. Zvezda no 1:[illegible] Ja '60.

LABOR AND LABORING CLASSES—JUVENILE LITERATURE

On the right track ("Our youth is going out into the [illegible]" collected stories Reviewed by M Palant) Moskva [illegible] no 9 202-203 '59

LABOR AND LABORING CLASSES—MEDICAL CARE

(see also subdivision under Moscow, Orel)

The Ministry sent a reply. Okhr. truda i sots. strakh. no. 12:68 D '59.

LABOR AND LABORING CLASSES IN LITERATURE

The depicting of labor in the modern novel. L. M. T[illegible] Uch. zap. LGU no. 275:115-129 '59.

LABOR CONTRACT

Some problems relating to the termination of labor agreements with university teachers. V. N. Smirnov. Izv vys. ucheb zav, prav. 3 no 4:132-135 '59

LABOR COURTS
(see also subdivision under Voronezh)

Discussing the draft of the law on enhancing the role of our people in the struggle against the violation of Soviet laws G.A. Sots zakon 36 no.12 11-12 D '59.

Draft of the recommended statute of fellow workers' courts. V. Pokrovskii, E. Gershanov Sov. iust no. 12:5-9 D '59.

Lil'in, T. IA. [The community and the strengthening of legality] Obshchestvennost' i ukreplenie zakonnosti. Moskva, Gos. izd-vo polit. lit-ry, 1960. 79 p. (Voprosy partiinogo stroitel'stv)

Man's character is molded in the collective. Sov. profsoiuzy 16 no. 7:52-54 Ap '60.

Our people help to disclose crimes. K. Nagovitsyn. Sots. zakon 36 no 12:49-50 D '59

The problem of great importance. Sov. iust. no. 12:1-4 D '59.

LABOR DISCIPLINE see subdivision under Voronezh

LABOR JOURNALISM see Journalism, Labor

LABOR LAWS AND LEGISLATION
(see also subdivision under Australia; Brazil; Germany, West, Uzbekistan)

Ancillary action against executives in cases of the wrongful dismissal of workers. A. M. Shlemin. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:151-171 '59.

Answers to machinery operators. D. Burmasheva. Sel'. mekh. no. 12:20-21 '59.

[Collection of the most important labor laws and regulations] Sbornik vazhneishikh zakonov i postanovlenii o trude. Izd. 2, ispr. i dop. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 273 p.

Discussing the draft of the "Basic Principles of the Labor Law of the U S S R and the Union Republics " A. Piatakov and others Sots trud 4 no 11 12-18 N '59

Draft of the Basic Principles of Labor Law. E. Klenov, A. Golodov, N. Vishnevskii. Sov. iust. no. 12:41-45 D '59.

Draft of the Basic Principles of the Labor Law of the U. S. S R. and the Union Republics G. Moskalenko. Sots. zakon. 36 no. 12:13-17 D '59.

First labor code. A. Piatakov. Sots. trud no. 12:36-39 D '58.

Kaftanovskaia, A. M., and R. Z. Livshits. [Labor discipline in the U. S. S. R.] Distsiplina truda v SSSR. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 79 p.

Korotkov, V. S., and M IU Gol'dshtein [What our workers and employees should know about labor law] Chto nuzhno znat' rabochim i sluzhashchim o trudovom zakonodatel'stve. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 269 p. (Massovaia biblioteka rabochego)

Labor laws are being enforced. N. Suntsov. Okhr. truda i sots. strakh no. 12:56-57 D '59

Our suggestions. I. Kharaz. Sots zakon. 36 no. 12:18 D '59.

Our suggestions. N. Kozhevnikov. Sots. zakon. 36 no. 12:18-19 D '59.

Protect by law. IA. Kiselev. Okhr. truda i sots. strakh. no. 12:7-9 D '59.

Questions and answers. Okhr. truda i sots. strakh. no. 12:57-58 D '59.

Replies to questions. V. Lazarev, P. Boroshnev. Sots. trud 4 no. 7:139-144 Jl '59.

Russia (1917- R. S. F. S. R.) Verkhovnyi sud. [Collected decisions and rulings of the Supreme Court of the R. S. F. S. R. in labor cases, 1953-1958] Sbornik postanovlenii i opredelenii Verkhovnogo suda RSFSR po trudovym delam, 1953-1958 gg. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 243 p.

Some rules need better definition. S. Polenina. Sov. deput. trud. no. 12:50-51 D '59.

Strengthen the legal guarantees of remuneration. V. Sherkevich. Sov. deput. trud. no. 12:49-50 D '59.

To the victory of communist labor. Okhr. truda i sots. strakh. no. 12:3-6 D '59.

LABOR PASSPORTS

Follow-up of our readers' letters Sots trud 4 no 11:145 N '59

Let's regulate the making out of labor passports. N Semenov Sots obesp 20 no 11:48 N '59

LABOR PRODUCTIVITY
(see also subdivision under Moscow)

Cultural and technical level, and labor productivity of workers. O. Kozlova. Sots. trud 4 no. 7:17-25 Jl '59.

Economic law of the increasing productivity of labor. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4: 223-226 '59.

The great conveyer. V. Shul'man. Znan. sila 34 no. 11: 32-33 N '59.

Labor productivity of public work and methods for measuring it. S. Strumilin. Vop. ekon. no. 5:17-30 My '60.

Methods for measuring labor productivity in light industry. Report No 1. L. B. Peisakhzon. Izv vys ucheb zav, *tekh leg. prom.* no 5:3-15 '59

New features; competition for the title "brigade of communist labor." A. V. Klinshko, L. IA. IAkovlev. Vest. sviazi 19 no. 12:22-23 D '59.

The new order for planning labor productivity is in effect. V. L'vov. Sots. trud 4 no. 7:120-123 Jl '59.

Reconstruction of the Vladimir factory "Avtopribor" and labor productivity K Krivosheev Sots trud 4 no 11 123-127 N '59

LABOR PRODUCTIVITY—BIBLIOGRAPHY see Bibliography—Labor productivity

LABOR REST HOMES
(see also subdivision under Bucharest region)

Suburban rest homes. L Belinkov, N. Dykhovichnaia. Arkhit SSSR no 12 22-24 '59.

LABOR SERVICE

Moscow. Institut istorii partii. [At source of communist labor] U istokov kommunisticheskogo truda. Pod red. G. D. Kostomarova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 267 p.

LABOR SUPPLY see subdivision under Crimea; White Russia

LABORATORIES—EQUIPMENT AND SUPPLIES

Apparatus for gas analysis by Haldane's method functioning without mercury. G. I. Kositskii. Lab. delo 6 no. 1:53-55 Ja-Fe '60.

Laboratory equipment catalogs. Zav. lab. no. 11:1407 '59.

Laboratory ware made of plastics. Zav. lab. no. 11: 1406 '59.

LABORATORIES, CHEMICAL see Chemical laboratories

LABORATORIES, ENGINEERING see Engineering laboratories

LABORATORY ANIMALS

"Laboratory animal breeding" by K. L. Kovalevskii. Reviewed by O. A. Metelkin. Lab. delo 6 no. 1:62 Ja-Fe '60 Ja-Fe '60.

LABRADORITE see subdivision under Ukraine

LACQUERS AND LACQUERING

Chebotarevskii, V. V. [Lacquers and paints in the national economy] Laki i kraski v narodnom khoziaistve. Moskva, Izd-vo Akad. nauk SSSR, 1960. 99 p. (Nauchno-populiarnaia seriia)

LACRIMAL ORGANS

Relation between the developing nasolacrimal duct and the covering bones lacrymale and septomaxillare in Hynobius keyserlingii. Dokl. AN SSSR 131 no. 5:1209-1212 Ap '60.

LACRIMAL ORGANS—DISEASES

Nonsurgical method for treating strictures and adhesions of the lacrimal ducts. A. I. Kursikov. Vest. oft. 72 no. 4:49-50 Jl-Ag '59.

Suppurative inflammation (abscess) of the lacrimal caruncle [with summary in English]. M. B. Chutko. Vest. oft. 72 no. 4:53-54 Jl-Ag '59.

LACRIMAL ORGANS—SURGERY

New modification of surgery for lacrimation caused by eversion or stenosis of the lower lacrimal punctum [with summary in English]. E. S. Vainshtein, E. I. Burdianskaia. Oft. zhur. 14 no. 7:415-418 '59.

LACTAMS

β-Lactams. Report No. 3: Reaction mechanism. I. L. Knuniants, E. E. Rytslin, N. P. Gambarian. Izv. AN SSSR Otd. khim. nauk. no. 3:527-534 '60.

Depolymerization of polyamides based on ω-aminocarboxylic acids in the presence of alkaline catalysis. T. I. Shein, V. N. Topchibasheva. Khim. volok. no. 5:21-24 '59.

LACTATION

Effect of cervical sympathectomy and transection of the hypophyseal stalk on milk secretion in goats. G. B. Tverskoi. Dokl. AN SSSR 131 no. 5:1215-1218 Ap '60.

Hypogalactia in parturients with cardiovascular diseases [with summary in English]. A. B. Sigalov. Sov. med. 23 no. 12:64-68 D '59.

LACTIC ACID IN THE BODY

Phosphorus compounds and lactic acid in brain and heart tissues of hypothermic animals during cardiac arrest and during restoration of systemic circulation by a series of therapeutic procedures [with summary in English]. Z. A. Raiko, I. R. Petrov, T. E. Kudritskaia. Fiziol. zhur. 45 no. 12:1489-1496 D '59.

LACTONES

Fluorine-containing β-lactones. Report No. 1: β, β-bis-trifluoromethyl-β-propiolactone and its properties. I. L. Knuniants, IU. A. Cherburkov. Izv. AN SSSR Otd. khim. nauk no. 4:678-685 Ap '60.

Kinetics of formation and of hydrolysis of [illegible]-aminoanechano-1, 1, 3, 6-dilactone. I. A. Mai Zhur. ob. khim. 30 no. 4:1097-1099 Ap '60.

LADYZHENSKII, GENNADII ALEKSANDROVICH, 1853-1916

G. A. Ladyzhenskii, teacher and artist. A. Gonzal', A. Kotin. Iskusstvo 22 no. 7:61-64 '59.

LAGODOVSKAIA, ELENA FEDOROVNA, 1890-1958

E. F. Lagodovskaia, obituary D. IA. Telegin Sov arkheol no. 4:329 '59.

LAKES
(see also subdivision under Dzungaria; Imantau; Kazakhstan)

Muraveiskii, S. D. [Rivers and lakes; hydrobiology and runoff] Reki i ozera; gidrobiologiia stok. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 384 p.

LAKES—CATALOGS see subdivision under Karelia

LAMARCK, JEAN BAPTISTE, 1744-1829

Lamarck, Darwin, and modern biology. N. I. Nuzhdin. Agrobiologiia no. 6:803-831 N-D '59.

LAMBS

Growth and development of the viscera of Gissar lambs following birth. A. S. Samiev. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:21-47 '59.

Growth of the musculature of the axial and peripheral portion of Gissar lambs as related to conditions under which they are kept. A. S. Samiev. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:57-64 '59.

LAMELLIBRANCHIATA
(see also subdivision under Sevastopol, Bay of)

Some aspects of metabolism in Modiola phaseolina and Mytilus galloprovincialis under anaerobic and postanaerobic conditions. O. G. Karandeeva. Trudy [illegible] 11: 248-253 '59.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Asia; Balkhash region, Karaganda Basin; Kaynatdinskoye region; Kuznetsk Basin, Samara Basin

LAMINAR FLOW

Numerical integration of equations for a laminar boundary layer. I. V. Petukhov. Dokl. AN SSSR 132 no. 2:307-310 My '60.

Stability of the relative motion of two media. R. E. Lamper. Izv vys ucheb. zav.; av. tekh 2 no. 4:32-39 '59.

LAMINATED METALS

Electric erosion effect on bimetallic electrodes. I. A. Bakuta. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 4:55-61 '59.

Motion and tractive force of the free end of a bimetallic plate. S. I. Nepomniashchii. Trudy NIIGMP no. 8:[illegible] 99 '59.

LAMINATED METALS—TESTING

Methods of graphic analysis of plastic deformation of n-layer solids. G. E. Arkulis Izv vys. ucheb. zav.; chern. met no 3:22-35 '60

Revealing the regularities of uniform, simultaneous plastic deformation of bimetallic metals. G. E. Arkulis Izv vys. ucheb. zav.; chern. met. no. 3:30 36 '60

LAMINATED METALS—THERMAL PROPERTIES

Analytical investigation of the heating process of two-layer plates and cylinders. I. G. Nosov. Izv. vys. ucheb. zav.; chern. met. 3 no. 6:145 151 Je '60.

LAMP SHADES see subdivision under Leningrad

LAMPS

Atomic light sources. K. P. Belov. Zhel dor transp. 41 no 12:86-87 D '59

LAMUTS see subdivision under Bystrinskiy District

LANCELETS see subdivision under Amoy, Bay of

LANCHOW, CHINA—BOTANY—CLASSIFICATION

The collective is indispensable to the scientist. Chiao Shan Druzhba no. 62:33 D '59

LAND, RECLAMATION OF see Reclamation of land

LAND TENURE
(see also subdivision under Delhi; Hungary; Hyderabad, Turkmenistan; White Russia)

Porshin, P. N. [Sketches of the agrarian revolution in Russia] Narysy agrarnoi revoliutsii v Rosii. Kyiv, Akad. nauk, In-t ekonomiky, 1959. 219 p.
(MIT)

Podpal'nyi, P. N. [Problems in the use of personal *garden plots in rural areas*] Voprosy priusadebnogo zemlepol'zovaniia v sel'skoi mestnosti. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1959. 36 p.

LANDSCAPE GARDENING
(see also subdivision under Sochi region)

Landscaping central plots on collective farms. Stroi. i arkhit 7 no. 12:28-29 D '59.

LANDSCAPE PAINTING—EXHIBITIONS see subdivision under Leningrad

LANDSLIDES

(see also subdivision under Rioni Valley)

Preventing track obstruction by falling rocks A D Mestopian Put' i put khoz no 12 16-18 D '59

LANGBEINITE

Reduction of langbeinite by methane. S.V.Kushnir, IA.P. Berkman. Zhur.prikl.khim. 32 no.12·2655-2661 D '59.

LANGUAGE AND LANGUAGES

(see also subdivision under Russia, Northern)

The code and language V I Grigor'ev Vop iaz 8 no 6 128-130 N-D '59

The introduction of probability in the field of linguistics V N Toporov Vop iaz 8 no 6 28-35 N-D '59

A study of the classification of phraseological units. N.M. Aleksandrov. Uch.zap.Ped.inst.Gerts. 189 no.2·19-36 '59.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—COMPETITIONS see subdivision under Kaluga

LANGUAGE AND LANGUAGES—DICTIONARIES

Ossetic words in the "Dictionary of comparative world languages and dialects " R Sikoev Izv IUgo-Oset nauch -issl inst. no 9 427-441 '58

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

(see also subdivision under Asia, Southeastern, Semipalatinsk, Ukraine)

Brief notes T.M Nikolaeva and others. Vop iaz. 8 no 6 150-157 N-D '59.

"Collection of research articles. Vol. 1. Linguistics." Reviewed by I Kovalyk. Ukr. mova v shkoli 9 no.6: 74-77 N-D '59.

Editor's mail. Inostr. iaz. v shkole no. 6·74-80 N-D '59.

Eliminate shortcomings in the teaching of foreign languages. N.A.Dushkina, N G.Zavalishina, K.M.Korteva. Sred spets.obr. 6 no.11 21-24 N '59

Extracurricular work on foreign languages and Pioneer ranks. O A Preobrazhenskaia. Inostr iaz v shkole no 6:50-54 N-D '59.

Foreign language as an important aspect of culture. B.Baryshnikova, L.Iliia. Sem'ia i shkola 13 no.3. 10-11 Mr '58.

Raising the efficiency of methods of teaching foreign languages E K Selitskaia, M A.Urbanovich. Inostr iaz. v shkole no 6·25-32 N-D '59.

Section of the teachers of foreign languages. Rad. shk. 38 no 12:55-57 D '59

Stylistics, linguistics and literary criticism. I.Anichkov. Uch. zap. Ped. inst. Gerts. 189 no. 2:3-18 '59.

Teaching foreign languages at the preschool and elementary school age O V Sobennikov. Inostr iaz v shkole no. 6:81-82 N-D '59

Teaching foreign languages in evening (staggered) and seasonal schools. Inostr. iaz v shkole no. 6·14-18 N-D '59

Teaching foreign languages to students of grades 1-4. I G Kharchenko. Inostr. iaz. v shkole no 6·120-122 N-D '59

LANGUAGE AND LANGUAGES—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Language and languages—Study and teaching

LANTERN PROJECTION

New instruction techniques B Puganovskii Grazhd av 16 no 12 7 D '59

LAOS—ELECTIONS

A dangerous farce. Nov. vrem 18 no.19:25 My '60.

LAOS—POLITICS AND GOVERNMENT

In the spirit of the cold war. Sovr. Vost. no. 4:62-63 Ap '60.

Who is playing with fire in Laos. G.Budai. Komm.Bel. 33 no.11:68-70 N '59.

LAPTEV SEA REGION—PHYSICAL GEOGRAPHY

Geomorphological and orographical division of the Lena-Khatanga northern region. N A.Siagaev Izv. AN SSSR. Ser. geog no. 2·90-96 Mr-Ap '60.

LARCENY

(see also subdivision under Moscow)

In the custody of workers. Kost' Prokhorenko. Ukraina no. 23·17 D '59.

Let's increase our efforts to prevent theft of socialist property. G.Gol'st, S.Fortinskii. Sots. zakon. 36 no.12 43-46 D '59.

Struggle against theft and the shortages of goods in consumers' cooperatives. N.Poliakova, N Sverdlin. Sots. zakon. 36 no.12 62 D '59.

LARCH

(see also subdivision under Altai Territory)

Arabogalactan and other substances obtained by aqueous extraction from Siberian larch (Larix dahurica). I.P. TSvetaeva, A.V.Merkur'eva. Zhur.prikl.khim. 32 no.12·2707-2711 D '59

Effect of lateral shading on the growth and development of Siberian larch N.V Podzorov. Les khoz. 12 no.12 46-48 D '59.

Fruiting of larch trees kept for seeding in clearcut areas A S Kozobrodov Izv vys ucheb zav , les zhur 2 no 5 41-46 '59

Growth of larch and pine in group and single plantings N M Petrov Les.khoz 12 no 12 37-41 D '59

Investigating the stratification of larch seeds (Larix olgensis A.Henvy). Lo Li-fen. Nauch.dokl vys.shkoly, lesoinzh.delo no.2 3-6 '59.

LARCH—DISEASES AND PESTS see subdivision under Siberia, Eastern

LARVAE—FISHES

Conditions necessary for the respiration of zander larva during transportation [with summary in English]. M D. Bilyi Dop AN URSR no.11 1275 '59.

Feeding conditions of the young of commercial fishes in the eastern part of the Taganrog Gulf. E N.Bokova. Vop ikht no.12·107-132 '59

LARVAE—INSECTS

Energy balance in larvae of the dragonfly Aeschna grandis L. N.A.Berezina. Trudy Mosk tekh inst.ryb.prom i khoz no 10:58-61 '59

Larvae of beetles of the tribe Platyopini (Coleoptera, Tenebrionidae) [with summary in English] N G.Skopin Zool.zhur 38 no.1:69-75 Ja '59

LARVAE—MOLLUSKS

Larvae of bivalvular mollusks in the Sevastopol region of the Black Sea. K.A.Zakhvatkina. Trudy SBS 11,100-152 '59.

LARYNX—CANCER

Complications in the surgical treatment of patients with regional metastases of cancer of the larynx [with summary in English] M.G.Baradulina. Vest.otorin 21 no.6·78-83 N-D '59.

Evaluation of the effectiveness of X-ray therapy in certain forms of cancer of the larynx [with summary in English]. T.A.Cherniakova. Vest.otorin. 21 no.6:75-77 N-D '59.

LASKA VALLEY—HYDROLOGY

Water balance of a minor field drainage basin in winter and spring. I.S.Shpak. Trudy UkrNIGMI no.19:49-62 '59

LATEX

Agglomeration of latex particles under the influence of sodium chloride [with summary in English]. S.A.Selivanovskii, N.M.Ershova. Koll.zhur. 21 no.6:686-691 N-D '59.

Latex foams. Part 1: Foaming capacity of rubber latex [with summary in English]. D.M.Sandomirskii, A.A. Korotkova. Koll.zhur. 21 no.6:679-685 N-D '59.

LATHES

The 1853-type lathe for profiling crankshaft webs. V.A. Norberg. Biul.tekh.-ekon.inform. no.12:20-21 '59.

The 1504-type universal double-sided boring and turning lathe. M.A.Samokhvalov Biul.tekh -ekon.inform no 11:21-23 '59.

Precision of measuring and actuating devices used in automatic readjustment of cutting tools on automatic lathes. A.I.Fefer Trudy MATI no.40·98-111 '59.

LATHES—BIBLIOGRAPHY see Bibliography—Lathes

LATIN AMERICA—ATOMIC ENERGY

Development of nuclear energy in Central and South American countries. Atom energ 8 no.5 467-470 My '60

LATIN AMERICA—DEFENSES

Who needs "Rubottom's army?" IU.Eliutin. Mezhdunar. zhizn' 7 no.5:123-124 My '60.

LATIN AMERICA—INVESTMENTS, FOREIGN

The International Monetary Fund and Latin America. M.Nikitin. Mir.ekon.i mezhdunar otn no 5:113-114 My '60.

LATIN AMERICA—STUDENTS—CONGRESSES

The Caracas meeting. C Alvarado Vsem stud.nov 13 no.12·24 D '59.

LATITUDE VARIATION see subdivision under Kitab; Pulkovo

LATTICE THEORY

Noncentral forces in the theory of the vibration of crystal lattices. B.IA.Moizhes. Fiz.tver.tela 1 no.11· 1770-1774 N '59.

Phenomenological investigation of polar crystals [with summary in English]. M.Sh.Hiterman, IE.A.Turov. Ukr.fiz zhur. 4 no.4 443-450 Jl-Ag '59.

LATVIA—BOOKSELLERS AND BOOKSELLING

Apina, V.J., and A M.Karlin. [Distribution of books in Latvia] Rasprostranenie knig v Latviiskoi SSR. Moskva, Gos. Izd-vo "Iskusstvo," 1959. 56 p

LATVIA—COLLECTIVE FARMS

Fire brigade of our collective farm. A.Laguz. Pozh.de 5 no 12 12 D '59

LATVIA—DIALECTICAL MATERIALISM

V.I.Lenin's book "Materialism and empiric criticism" in Latvia. V A Steinberg Vop.filos. 14 no.4.144-145 '60.

LATVIA—ECONOMIC POLICY

Veis, E.E., and V.K.Sitchikhin. [Latvian seven-year plan] Semiletka Latvii. Moskva, Gos.izd-vo polit.lit ry, 1959. 62 p.

[MICROFILM]

LATVIA—FISH PONDS

Nitrifying bacteria in fish ponds [with summary in English]. A.G.Rodina. Mikrobiologiia 28 no.6·921 926 N-D '59.

LATVIA—FORAGE PLANTS

Possibilities for raising new forage plants on peat [illegible] the Latvian S.S.R. E.Eiche. Trudy Bot.inst.Ser 6 no.7 200-203 '59.

LATVIA—HISTORY—SOURCES

We should improve the publication of documents on the publications of the Institute of Party History attached to the Central Committee of the Communist Party of Latvia M F Anderson Vop ist KPSS 4 no 3 [illegible] 210 '60

LATVIA—MALARIA—PREVENTION

Material on malaria control in the Latvian S.S.R. L.S. IUdelovich, L.I.Polikarpova. Med.paraz.i parazit.bol 26 no.6.688-691 N-D '57.

LATVIA—SOILS—ANALYSIS

Using soil analysis methods in archaeology G G S[illegible] Sov arkheol no 4 135-138 '59

LATVIA—VITICULTURE

Acclimatization of grapes in the Latvian S.S.R. E.Pe[illegible] sons. Trudy Bot.inst.Ser 6 no.7,152-154 '59.

LAUE, MAX THEODOR FELIX VON, 1879-

Max Laue. N.V.Belov. Kristallografiia 4 no.5 63[illegible]-640 S-O '59

LAUNDRIES, PUBLIC

Standard plans for rural bathouses and laundries. Sel. stroi. 14 no.12:supplement·p 3-4 D '59.

LAUNDRY

"How to wash a Pioneer tie." I.I.Ignat'ev. Nach.[illegible] 28 no.1:61-64 Ja '60.

LAVENDER (PLANTS)

Effect of the time of storage of lavender cuttings on their rooting. S G.Maltarenko. Masl -zhir.prom 25 no 12 25 '59

LAVROV, PETR LAVROVICH, 1823-1900

Sociological views of P.L.Lavrov. N.I.Markina. Trudy Inst.filos.AN BSSR no.1:188-214 '58.

LAW

(see also subdivision under Kazakhstan; Uzbekistan)

New laws and regulations enacted by the ministries and government agencies of the U.S.S.R. and the Union Republics. Sots.zakon. 36 no.12·67-69 D '59.

New stage in the consolidation of socialist legality Sud med.ekspert 2 no 1.3-6 Ja-Mr '59

Through the pages of foreign newspapers. Sots.zakon. 36 no.12:71-72 D '59.

LAW—CASES

How the public prosecutors of the U.S.S.R. supervise the observance of legality Sots.zakon. 36 no.12 79-80 D '59.

Judicial practice. Sots.zakon. 36 no.12:78 D '59

Judicial practice. Sov.iust. no.12:78-88 D '59.

Through the pages of newspapers in the Union Republics. Sots.zakon. 36 no.12:70 D '59.

LAW—CODIFICATION see subdivision under Uzbekistan

LAW—DICTIONARIES

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazyka i literatury. [Russian-Kazakh terminological dictionary] Russko-Kazakhskii terminologicheskii slovar'. Alma-Ata.
Vol. 4. 1960. 185 p.

LAW—PERIODICALS see subdivision under Europe, Eastern

LAW—PHILOSOPHY

Against revisionist distortions of the general theory of law. A F.Shebanov Izv.vys ucheb.zav.; prav no.4:16-26 '59.

LAW, CONSTITUTIONAL see Constitutional law

LAW, INTERNATIONAL see International law

LAW, MILITARY see Military law

LAWS AND LEGISLATION see subdivision under White Russia

LAWYERS see subdivision under Saratov, Tajikistan

LEACHING

Extracting alumina from slag by the alkaline hydrochemical method. L. P. Ni, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser met obog. i ogneup. no. 1:16-20 '59.

Leaching norms in the reclamation of saline soils. V. R. Volobuev Gidr i mel 11 no.12,18-24 D '59

LEAD

Interaction between hexaethyldiplumbane and halogen alkyls G A Razuvaev, N S Viazankin, IU. I Dergunov Zhur ob khim 30 no 4 1310-1316 Ap '60

LEAD—ANALYSIS

Lead determination in leaded brass. I. E. Bykov, L. S. Gorshkova. Trudy Inst. met. UFAN SSSR no. 3:127-129 '59.

Trilonometric determination of zinc and lead in electrolytic baths L S Chernaia, R V. Anufrieva Zav lab. no 11:1297-1298 '59.

LEAD—ELECTROMETALLURGY

Effect of certain surface-active substances on the electrodeposition of compact lead from aqueous chloride solutions A. V. Pomosov, A I. Levin, E E Krymakova Izv vys ucheb zav, tsvet met 2 no 6:121-125 '59.

LEAD—ISOTOPES

Isotopic composition of ore lead and age of minerals containing U, Th, and Pb according to the data of mass spectrometry and X-ray spectrum. K. I. Narouti and others. Trudy IGEM no 28 122-137 '59.

LEAD—METALLURGY

Industrial testing of copper removal from lead slags during the fuming process. A. V Novozhilov, I. A. Stroitelev. TSvet. met. 32 no. 12,35-37 D '59.

Production of tellurium concentrate fluxes produced by the alkali refining of lead. V S. Lovchikov, B. M. Lipshits Izv vys ucheb. zav ; tsvet. met. 2 no. 6:93-98 '59

Softening temperature of lead sinters. A. E. Gurlev, V. I. Khugaev, S. I. Binder Izv. vys ucheb. zav. ; tsvet. met. 2 no 6:99-106 '59

Some problems connected with the fusion of lead-bearing charges containing soda. V. S. Ageenkov, IA. IA Mikhin Izv. vys. ucheb. zav., tsvet. met 2 no. 6:107-111 '59.

LEAD ALLOYS—ELECTROMETALLURGY

Electrode processes in the electrolytic preparation of lead-calcium alloys. V. V. Rodiakin, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1:40-55 '59.

LEAD CRYSTALS

Preparation of crystal monochromators from lead for neutron structural investigation D. F. Litvin. Kristallografiia 4 no. 5;663-667 S-O '59.

LEAD INDUSTRY see subdivision under Chimkent; Ust'-Kamenogorsk

LEAD ORGANIC COMPOUNDS

Some cases of a reaction involving the redistribution of radicals in organic compounds of lead, tin, and silicon. G. A. Razuvaev and others. Dokl. AN SSSR 132 no. 2: 364-366 My '60.

LEAD POISONING

Diagnosis and clinical aspects of lead intoxication. L. M. Vinogradova. Zdrav. Belor. 5 no. 12:37-38 D '59.

Influence of adrenaline on intraocular pressure and on the elastotonometric curve in healthy rabbits and in rabbits with tetraethyl lead intoxication [with summary in English]. Z. M. Skripnichenko. Oft. zhur. 14 no. 8:493-495 '59.

Lead poisoning and its prevention (from foreign journals). G. M. Makovskii. TSvet. met. 32 no. 11;92-94 N '59.

LEAD SELENIDE

Determining the pressure of the saturated vapor of solid lead selenide. V. P. Zlomanov, B. A. Popovkin, A. V. Novoselova. Zhur. neorg. khim. 4 no. 12,2661-2664 D '59.

LEAD SULFATE

Fusibility diagram in a system of lithium, potassium, and lead sulfates. E. L. Bakumskaia, A. G. Bergman. Zhur. neorg. khim. 4 no. 12:2793-2743 D '59.

LEAD SULFIDE—THERMAL PROPERTIES

Rectifying property of PbS [in Azerbaijani with summary in Russian]. G. B. Abdullaev, G. A. Akhundov, M. Kh. Alieva. Dokl. AN Azerb. SSR 15 no. 11;999-1003 '59.

LEAD TELLURIDE

Determination of the pressure of saturated lead telluride vapor. A. S. Pashinkin, A. V. Novoselova. Zhur. neorg. khim. 4 no. 12:2657-2660 D '59.

LEAD TUNGSTATE

Equilibrium between lead tungstate and hydrogen, and the thermodynamic characteristics of $PbWO_4$. L. A. Zharkova and others. Dokl. AN SSSR 131 no. 5 1130-1133 Ap '60.

LEADWORT

Plumbago europaea L. as a valuable medicinal plant V G. Kreier Bot zhur 44 no 10 1507-1510 O '59

LEAF BEETLES

Biology of leaf eaters of the genus Thelyterotarsus (Chrysomelidae). P. N. Kulinich. Izv. Otd est. nauk AN Tadzh. SSR no. 3.55-58 '59.

LEARNED INSTITUTIONS AND SOCIETIES
(see also subdivision under Kiev)

The establishment and activities of the All-Union Association of Scientific and Technical workers for Aiding Socialist Construction L. M. Zak. Ist. SSSR 3 no. 6: 94-107 N-D '59.

LEARNING, PSYCHOLOGY OF

Comparison between the theoretically possible and actual procedures in problem solving [with summary in English]. A N. Zakharov Vop. psikhol. 5 no 6:110-118 N-D '59.

Development of object identification in one and two-year old children [with summary in English] Z. Babska Vop. psikhol 5 no 6 131-138 N-D '59

Formation of skills in constructive and technical work among secondary school pupils [with summary in English]. G. V. Kiria. Vop. psikhol 5 no 6:25-41 N-D '59

How to improve retention? Sem'ia i shkola 14 no. 12: 23-24 D '59.

Interrelation between some indexes of the mobility of the nerve processes [with summary in English]. A. N. Vasil'ev Vop. psikhol 5 no. 6 89-101 N-D '59.

LEATHER

Vaisberg, L. E. [Sole leather manufacture] Proizvodstvo kozhi dlia niza obuvi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 102 p.

LEATHER—MACHINERY

The MSh-1500-type machine for polishing chrome-tanned pig skins. D. I. Luk'ianov. Biul. tekh.-ekon. inform. no. 12:48-49 '59.

LEATHER—TESTING

Nonuniformity of leather stretchability. M. P. Kuprilanov, IU. P. Zybin. Izv vys. ucheb zav ; tekh leg prom. no. 5: 106-120 '59.

LEATHER, ARTIFICIAL

Effect of the composition of the solution and of the drying system on the microstructure and moisture permeability of nonplasticized polyamide films N. K. Barambolm, E V. Zaitzeva. Izv. vys. ucheb. zav. ; tekh leg prom. no 5;38-44 '59.

LEAVES

Are the leaves of non-ligulate wheat types actually without ligules? G. M. Dobrynin. Vest. sel'khoz. nauki 4 no. 11;144-145 N '59.

Determination of the surface area of corn leaves. S. M. Buhai, V. V. Sobchuk. Ukr. bot. zhur. 16 no. 5:69-72 '59.

The sucking power of leaves as a factor serving to indicate soil moisture conditions and the irrigation regimen of cotton on saline soils. Kh. F. Gumarova. Uzb. biol. zhur. no. 5:41-49 '59.

LEAVES—ANATOMY
(see also subdivision under Khanka Plain)

Specific features of shoot growth and anatomical structure of leaves in some trees. E. I. Voznesenskaia. Trudy AN Tadzh. SSR 97:93-261 '58.

LEAVES—OPTICAL PROPERTIES
(see also subdivision under Arctic regions)

Optical properties of cultivated plant leaves [with summaries in English, German, and French]. I. A. Shul'gin, V. M. Korshunova. Vest. sel'khoz. nauki 4 no. 11; 128-133 N '59.

LEBANON—FOREIGN RELATIONS—UNITED STATES

Uninvited guests. V. Grigor'ev. Mezhdunar. zhizn' 7 no. 5:121 My '60.

LEBANON—INTERVENTION, 1958

Lebanon. O. Gurevich. Otv. na vop. trud. no. 92:57-62 '58.

LECTURES AND LECTURING
(see also subdivision under Kazakhstan; Moldavia; Tashkent)

Growing requirements. A. Proshchin. Agitator no. 1:60 Ja '60.

How to prepare brief notes for a talk. A. Kuz'min. Agitator no. 1;26-27 Ja '60.

Knowledge for everyone! Nauka i zhyttia 9 no. 12:1-4 D '59.

You have to talk about the most acute problems. N. Dziubak. Agitator no. 1:69 Ja '60

You have to work diligently. A. IAnin. Agitator no. 1: 67-68 Ja '60

LEG—ULCERS

Leg bone changes in thrombophlebitic trophic ulcers. N. I. Napalkov. Vest. rent. i rad. 34 no. 2 82-83 Mr-Ap '59.

LEGUMES

Effect of the developmental stage on the dynamics of starch accumulation in roots of perennial legumes. M. IA. Tregubenko. Agrobiologiia no. 6:931-935 N-D '59.

LEGUMINOSAE see subdivision under Tajikistan

LEIPZIG—APARTMENT HOUSES—MAINTENANCE AND REPAIR

On a visit to the apartment-house maintenance workers in Leipzig. S. Rozantsev. Zhil.-kom. khoz. 9 no. 12: 29-30 '59.

LEIPZIG—BOOK INDUSTRIES—EXHIBITIONS

Results of the International Book Exhibition in Leipzig D A Shumilov Poligr proizv no. 12 16-18 D '59

LEMEN'—BOARDING SCHOOLS

Lenin's school-commune in Lemen', 1919-1921. M. F. Mel'nikov. Sov. pedag. 23 no. 12:110-116 D '59.

LEMONT, ILL.—NUCLEAR REACTORS

Reactor source of neutrons Atom energ 8 no 5:472-473 My '60.

LENA RIVER

Mazurenko, G. V. [The Angara and the Lena in the Baikal region] Angara i Lena v Pribaikal'e. Leningrad, Gidrometeor. izd-vo, 1959. 93 p. (Rekt rodnogo shora)

LENA VALLEY—FROZEN GROUND

Recent formation of ground-ice wedges and a relief marked by a network of small polygons in the Lena-Vilyuy watershed N G. Bobov Trudy Inst merzl AN SSSR 16 24-29 '60.

Seasonal freezing and thawing of ground in the region of the future Mukhtuya-Mirnyy highway. T. N. Zhestkova. Trudy Inst merzl AN SSSR 16,110-127 '60

LENA VALLEY—GEOLOGY

Basic stages in the geological development of the northern part of the Lena-Yenisey area. I. P. Atlasov. Trudy NIIGA 92:61-74 '58.

LENA VALLEY—OSTRACODA, FOSSIL

Lower Jurassic ostracods in the Nordvik and Lena-Olenek regions. O. M. Lev. Sbor. st. po paleont. i biostrat. no. 12:23-40 '58.

LENA VALLEY—PETROLEUM GEOLOGY

Oil prospecting in the Lena-Olenek area. V. IA. Kaban'kov. Trudy NIIGA 92:120-133 '58.

LENA VALLEY—SWAMPS

Structure of plant associations in the polygonal string bogs of the lower Lena Valley. V. V. Petrovskii Bot zhur 44 no. 10;1500-1507 O '59

LENA VALLEY—TRILOBITES

New trilobites of the superfamilies Corynexochoidea and Redlichioidea from the Lena stage of the lower Cambrian of Yakutia. N. P. Suvorova. Paleont. zhur. no. 3:60-77 '59.

LENGTH MEASUREMENT

Contact method for comparing linlated measures with end measures. N. V. Trofimova. Trudy VNIIM no. 37: 86-90 '59.

Insulated measuring tape. A. A. Murzenko. Avtom., telem i sviaz' 4 no. 1:37-38 Ja '60.

LENIN, VLADIMIR IL'ICH, 1870-1924

Abstracts from the "Correspondence between K. Marx and F. Engels" by V. I. Lenin. Reviewed by A. G. Klimenko Vop. filos. 14 no. 4:153-160 '60.

As though he were alive. Georg Piot. Sov. profsoiuzy 16 no. 7;36-38 Ap '60.

Berkhin, I. B. [Lenin's program for the building of socialism] Leninskii plan postroeniia sotsializma. Moskva, Izd-vo Akad. nauk SSSR, 1960. 126 p. (Nauchno-populiarnaia seriia)

Chagin, B. A. [From the history of V. I. Lenin's struggle for the development of Marxist philosophy] Iz istorii bor'by V. I. Lenina za razvitie marksistskoi filosofii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 208 p.

Children's great friend. M. M. Chernink. Doshk. vosp. 33 no. 1:8-11 Ja '60.

Chuev, V. V. [V. I. Lenin in Samara, 1889-1893; a documentary and historical account] V. I. Lenin v Samare, 1889-1893 gg; dokumental'no-istoricheskii ocherk. Moskva, Gos. izd-vo polit. lit-ry, 1960. 91 p.

Collections of V. I. Lenin's works on special subjects. L. O. Vaikhanen. Vop. filos. 11 no. 4;166-167 '60.

A document showing how V. I Lenin directed the work of the Council of People's Commissars and the Council for Labor and Defense. A P. Troshina Vop. ist KPSS 4 no. 3:182-191 '60

Documents of a great era ("Lenin collection," Vol. 36, Reviewed by G. Egorov). Sovr. Vost. no. 4:10 11 Ap '60.

The era of Lenin. Nov. vrem. 10 no. 17:1-3 Ap '60.

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Essen, M.M. [Meetings with Lenin] Vstrechi s Leninym Moskva, Gos izd-vo polit lit-ry, 1959 333 p.

Eternally with us ("On Lenin" by N K Krupskaia Reviewed by I Vasil'ev) Voen znan 36 no 4·39 Ap '60.

Fedotov, V.P. [V I. Lenin and historical materialism; the late 19th and the early 20th century] V.I. Lenin i istoricheskii materializm, konets XIX - nachalo XX vv. [Leningrad] Izd-vo Leningr. univ., 1960. 150 p.

First foreign comments on V.I Lenin's book "Infantile disease of 'leftism' in communism " Vop ist KPSS 4 no 3 24-26 '60

For a profound and thorough study of the philosophical legacy of Lenin P Kopnin Komm Ukr 35 no 11 75-79 N '59

For a profound study of Lenin's theoretical legacy on problems of the East. Probl. vostokoved. no 2,3-14 '60.

For life V I Lenin on marriage and family L Marisova Ukraina no 2 30 Ja '60

Founded by the great Lenin. O. Kurochkina. Mast. ugl. 8 no. 3,3-4 Mr '59.

The founder of the "land of stars." Han Ser Ya. Sovr. Vost. no 4·25 Ap '60.

Gafurov, B.G. [V. I. Lenin as the great friend of the peoples of the East] V. I. Lenin - velikii drug narodov Vostoka. Moskva, Izd|vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 7)

Gor'kii, Maksim. [Old Izergil; Lower depths; Mother; V.I. Lenin] Starukha Izergil', Na dne, Mat'; V.I. Lenin. Izd.3. Moskva, Gos.uchebno-pedagog.izd-vo, 1958. 364 p (Biblioteka shkol'nika)
(DeU)

The great ideas of Lenin live and conquer. Vest. AN SSSR 30 no. 4,3-10 Ap '60.

Guide to action ("Lenin on library work." Reviewed by A. Kravchenko) Bibliotekar' no. 5,38-39 My '60.

Guseva, Z.A. [Swiss sketches] Shveitsarskie zarisovki. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 110 p.

He looked far in advance. Gaston Monmousseau. Sov. profsoiuzy 16 no. 7:31-33 Ap '60.

History of the struggle for the philosophical ideas of Lenin in Georgia M. N. Kilaberia Vop. filos. 14 no 4 149-153 '60.

How I first heard of Lenin. Sovr. Vost. no. 4·2-3 Ap '60.

How V. I. Lenin analyzed the problem of causation and its significance for natural sciences L. Shchekina. V pom. polit. samoobr 3 no 12·34-43 D '59

How V I Lenin was arrested in 1900. B F Fedotov Vop ist KPSS 4 no 3 177-178 '60

How V. I. Lenin worked out the Marxist methodology of the history of philosophy. M. I. Sidorov Vop. filos 14 no. 4, 96-105 '60.

How V. I Lenin wrote his book "Infantile disease of 'leftism' in communism " N G Sevriugina, N N Surovtseva Vop ist. KPSS 4 no 3 9-24 '60

How we translated V. I. Lenin's "Philosophical notebooks" into Polish. Tadeusz Kotarbinski. Vop. filos, 14 no 4: 156-157 '60.

Inexhaustible source of our strength. František Zupka. Sov. profsoiuzy 16 no. 7;33-35 Ap '60.

The just cause. Sovremennik. Nov. vrem. 18 no. 18, 3-4 My '60.

Karavaev, A. [Lenin, the man, the statesman, the philosopher, the revolutionary] Lenin, chelovek, politik, filosof, revoliutsioner. [Miunkhen] Posev, 1959. 108 p.
(NNC)

Kargal'tseva, E.S. [Lenin's plan for the construction of socialism and communism in the U.S.S.R., lectures] Leninskii plan postroeniia sotsializma i kommunizma v SSSR, lektsii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS. Kafedra istorii KPSS, 1959. 117 p. (Istoriia KPSS)
(MH)

Kheifets, A.N. [Lenin as a great friend of the peoples of the East] Lenin - velikii drug narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 246 p.

Kollontai, A.M. [Reminiscences about Il'ich] Vospominaniia ob Il'iche. Moskva, Gos. izd-vo polit. lit-ry, 1959. 7 p.

Krupskaia, N.K. [Lenin; a collection of articles] O Lenine; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1960. 381 p.

Leaders of the fraternal parties on V. I Lenin's book "Infantile disease of 'leftism' in communism." Vop ist KPSS 4 no 3 26-31 '60

Lenin, V.I. [V.I. Lenin and A.M. Gor'kii; letters, recollections, documents] V.I. Lenin i A.M. Gor'kii; pis'ma, vospominaniia, dokumenty. Moskva, Izd-vo Akad. nauk SSSR, 1958. 431 p.
(RPB)

Lenin and Africa [with English summary in insert]. I. Potekhin. Sovr. Vost. no. 4·42-44 Ap '60.

Lenin and the State Commission on the Electrification of Russia, from personal recollections. V. S. Kulebakin. Vest. AN SSSR 30 no. 4:30-38 Ap '60.

Lenin, founder of the political economy of socialism. A. I. Pashkov. Vest. AN SSSR 30 no. 4:11-19 Ap '60.

Lenin on Soviet peace policy. Nov vrem. 18 no. 17·15 Ap '60

Leningrad. Universitet. [V.I. Lenin, the creator of the Communist Party and the Soviet state] V.I. Lenin - sozdatel' Kommunisticheskoi partii i Sovetskogo gosudarstva. [Leningrad] 1960. 251 p.

Leninism and the Chinese revolution [with English summary in insert] L. Bereznyi. Sovr. Vost. no. 4·20-22 Ap '60.

Leninism, the banner of the liberation struggle of the working people of the East. Sovr. Vost no. 4 2-3 Ap '60.

Leninist principles of socialist foreign policy IU. Arbatov, L Sedin Mir. ekon i mezhdunar otn no 5·3-18 My '60

Let us carry out Lenin's precepts. Bibliotekar' no. 4· 1-3 Ap '60

Letters from workers in the Soviet East to Il'ich [with English summary in insert]. Sovr. Vost no 4·12-14 Ap '60.

The living Il'ich. A. Ivanskii. Voen. znan. 36 no. 4:4-6 Ap '60.

Lozgachev-Elizarov, G. IA. [Unforgettable days] Nezabyvaemoe. [Saratov] Sartovskoe knizhnoe izd-vo, 1959. 234 p.

The man who shook the whole world ("Lenin, the great friend of the peoples of the East" by A. N. Kheifets. Reviewed by N. Poliakov). Sovr Vost. no 4·18-19 Ap '60.

Moscow. Institut istorii partii. [They met Lenin] Oni vstrechalis' s Il'ichem. [Moskva] Mosk. rabochii, 1960. 187 p.

The name of Lenin lives in the hearts of Indonesians. Sovr. Vost no. 4:11 Ap '60.

Naumov, V.P. [Problems of the history of Soviet society in V.I. Lenin's works of 1917-1924] Voprosy istorii sovetskogo obshchestva v trudakh V.I. Lenina, 1917-1924 gg. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. I, Istoriia, no. 13)

New edition of V. I. Lenin's biography. Bibliotekar' no 5,4 My '60.

New Lenin documents; from the pages of the 36th volume of the Lenin papers. A. D. Koptseva. Vest. AN SSSR 30 no. 4;51-55 Ap '60.

New publications of V. I. Lenin's works ("The 36th Lenin Collection." Reviewed by N. G. Sevriugina). Vop. filos. 14 no. 4:158-162 '60.

The ninetieth anniversary of V. I Lenin's birth. Izv AN SSSR. Ser geog no 2 3-4 Mr-Ap '60.

On the 90th anniversary of V. I. Lenin's birth. Izv. AN SSSR. Ser. geofiz. no. 4 I-IV Ap '60.

Pashkov, A.I. [V. I. Lenin's economics works of the nineties] Ekonomicheskie raboty V. I. Lenina 90-kh godov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 507 p.

Philosophical ideas of Lenin in Bulgaria. Svetoslav Slavkov. Vop. filos. 14 no. 4;110-124 '60.

Portrait of Lenin. A. Liubarskaia. Nov. vrem. 18 no. 17· 13-15 Ap '60

The power of Lenin's vision. L. Leont'ev. Nov. vrem. 18 no 17 4-5 Ap '60.

Problems of ethics in V. I. Lenin's works. A. F. Shishkin. Vop. filos. 14 no. 4;58-72 '60.

Promote Lenin's works more extensively. R. Savitskaia. Bibliotekar' no. 4·4-7 Ap '60.

Publication of Lenin's works in the countries of the East [with summary in English]. A. G. Kiseleva. Probl. vostokoved. no. 2;161-164 '60.

Publication of V. I. Lenin's philosophical works in China. Chan Yun-hou. Vop. filos. 14 no. 4;154-155 '60.

Reminiscences on V. I. Lenin and the Petersburg "Unified struggle." Preface and commentary by E. A. Korol'chuk, I. I. IAkovlev. Ist. arkh. no. 6:96-107 N-D '59.

Role of the State Bank in the economic life of the country. N. Barkovskii. Den. i kred. 18 no. 4:16-24 Ap '60.

Scientists' recollections of Lenin. A. L. Kol'tsov. Vest. AN SSSR 30 no. 4;56-59 Ap '60.

Semashko, N.A. [Unforgettable figure] Nezabyvaemyi obraz. Moskva, Gos. izd-vo polit. lit-ry, 1959. 15 p.

Some facts concerning Lenin's acquaintance with progressive Iranian public figures [with summary in English]. S. M. Aliev. Probl. vostokoved. no. 2·78-80 '60.

Tarasenko, A.A. [Living word of Lenin] Zhivoe slovo Lenina. Moskva, Gos. izd-vo polit. lit-ry, 1959. 109 p. (Bibliotechka propagandista)

Thanks to Lenin! [with English summary in insert]. Sharaf Rashidov. Sovr Vost no. 4,4-6 Ap '60.

The 32d volume of V. I. Lenin's works in Moldavian. T. Kotelia. Komm. Mold. 4 no. 12;65-67 D '59.

[Through the rooms of the V.I. Lenin Central Museum; concise guidebook] Po zalam TSentral'nogo muzeia V.I. Lenina, kratkii putevoditel'. Moskva, Gos. izd-vo polit. lit-ry, 1960. 142 p.

The triumph of Lenin's teaching on trade unions. V. Churaev. Sov. profsoiuzy 16 no. 7:7-14 Ap '60.

Two letters to V. I. Lenin. G. A. Mendelevich. Vest. AN SSSR 30 no. 4;60-61 Ap '60.

Under Lenin's banner towards the victory of communism! Sov. profsoiuzy 16 no. 7;2-5 Ap '60.

Unforgettable encounters with V. I Lenin. E. P Tarasova. Vop. ist KPSS 4 no 3 170-176 '60.

An unkown document of V. I. Lenin Vop. ist KPSS 4 no 3 5-8 '60

Unpublished letter of V. I. Lenin to Camille Huysmans Nov vrem 18 no 17:6-12 Ap '60.

V. I. Lenin and his efforts to industrialize the U.S.S.R. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 3-10 Mr-Ap '60.

V I Lenin and modern physics (on the 50th anniversary of the publication of V I. Lenin's "Materialism and empiriocriticism") [with summary in English]. M V Pasichnyk. Ukr fiz. zhur. 4 no. 4 415-427 Jl-Ag '59

V. I. Lenin and science. Izv. AN SSSR Otd. khim. nauk no. 4;577-579 Ap '60.

V. I. Lenin and some problems in the history of Marxist philosophy. K. T. Kuznetsov. Vop. filos. 14 no. 4;55-[illegible] '60.

V. I. Lenin and Soviet finance. B. Rivkin. Fin. SSSR 21 no. 4;5-18 Ap '60.

V. I. Lenin and the building of the credit-monetary system of the U.S.S.R. A. Gusakov. Den. i kred. 18 no 4 7-17 Ap '60.

V. I. Lenin and the liberation of the Armenian people [in Armenian with summary in Russian]. G B. Garibdzhanian Ist.-filol. zhur. no. 2/3:36-53 '59.

V. I. Lenin and the socialist revolution in China. K. V. Solov'eva. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 3,3-11 '59.

[V. I. Lenin as the leader of our great construction program, collected reminiscences about V. I. Lenin's work in the filed of the national economy] V. I. Lenin vo glave velikogo stroitel'stva; sbornik vospominanii o deiatel'nosti V. I. Lenina na khoziaistvennom fronte. Moskva, Gos. izd-vo polit. lit-ry, 1960. 324 p.

V I Lenin in the first months of Soviet rule, a biographical chronicle (continuation). Vop ist KPSS 4 no 3 141-158 '60

V. I. Lenin on the importance of unity in the party's struggle for the victory of socialism and communism. S L Titarenko Vop ist. KPSS 4 no 3 159-16[illegible] '60

V. I. Lenin on the role of the masses in the building of communism. E. Bugaev. Sov. profsoiuzy 16 no. 7:[illegible] Ap '60.

V. I. Lenin, the great coryphaeus of science. Zhur. fiz. khim. 30 no. 4 I-VIII Ap '60.

V. I. Lenin's book "Materialism and empiriocriticism" in Latvia. V. A. Steinberg. Vop. filos. 14 no. 4 [illegible] '60.

V. I. Lenin's marginal notes on "Minor philosophical works" by J. Dietzgen. N. P Kolikov. Vop. filos. 14 no 4;136-143 '60.

V. I. Lenin's struggle against the reactionary philosophy of Ernst Mach and his followers. M. I. Akhrenchik. Trudy Inst. filos. AN BSSR no. 1:173-187 '59.

Vavilov, S.I. [Lenin and physics; collected articles] Lenin i fizika, sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 94 p. (Nauchno-populiarnaia seriia)

Working people of Asia write to Lenin. Sovr. Vost. no. 4 15-18 Ap '60.

The works of V. I. Lenin in 54 eastern national languages Sovr. Vost. no. 4:21 Ap '60.

Zelenova, N.G. [V.I. Lenin's book "Left-wing communism, an infantile disorder" in communism] Kniga V.I. Lenina "Detskaia bolezn' 'levizny' v kommunizme" [Moskva] Izd-vo Mosk. univ., 1959. 70 p.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY

see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH—HOMES AND HAUNTS

In the village of Shushenskoye. L. Savel'ev. Voen. znan 36 no. 4;13-14 Ap '60.

Semenov, V.M. [Places in London associated with Lenin] Po leninskim mestam v Londone. Moskva, Gos. izd-vo polit. lit-ry, 1960. 62 p.

LENIN, VLADIMIR IL'ICH, 1870-1924—MANUSCRIPTS

Working with Lenin manuscripts. N. G. Sevriugina, A. Khomenko. Vest. AN SSSR 30 no. 4;45-50 Ap '60.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

In Shushenskoye. N. Gorodetskii. Bibliotekar' no. 4 20-22 Ap '60.

Visiting V. I. Lenin's office in the Kremlin. Z. Subbotina, L. Kunetskaia. Voen. znan. 36 no. 4·9-11 Ap '60.

LENIN IN LITERATURE AND ART

Eternally living image. Sovr. Vost. no. 4·23 Ap '60.

Fighter for the happiness of mankind. Li Dang. Sovr. Vost. no. 4:26-27 Ap '60.

Groshev, A. N. [Portrayal of V. I. Lenin on the screen] Obraz V. I. Lenina na ekrane. Moskva, Izd-vo "Znanie" 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 6)

Lenin in the poetry of the peoples of India [with summary in English]. E. P. Chelyshev. Probl. vostokoved. no. 2 70-77 '60.

[Lenin is eternally alive; a repertorial collection] Lenin vsegda zhivoi; repertuarnyi sbornik. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 84 p.

LENIN IN LITERATURE AND ART (Continued)

The portrayal of V.I. Lenin on the stage. IU. Golovashenko. Zvezda no 1:155-163 Ja '60

V.I. Lenin in Ukrainian folk poetry. I.I. Lavrov. Nar. tvorch. ta etn. 3 no. 2:13-23 Ap-Je '59.

LENIN PRIZES

Winners of the international Lenin Prizes "For the promotion of peace among nations." Nov vrem 18 no. 19:16-18 My '60.

LENIN PRIZES—BIBLIOGRAPHY see Bibliography—Lenin Prizes

LENINABAD—EXCAVATIONS (ARCHAEOLOGY)

Works of the Khodzhent-Usrushan detachment in 1957. N.N. Negmatov. Trudy AN Tadzh.SSR 103 95-107 '59.

LENINABAD PROVINCE—ANTIQUITIES

Study of "kurumy" (burial mounds) in the northeastern part of Leninabad Province in 1957. B A. Litvinskii. Trudy AN Tadzh.SSR 103,109-129 '59.

LENINGRAD—AERONAUTICS—STUDY AND TEACHING

The roads to education are wide open I Azelitskii Grazhd av 16 no 12 13 D '59

Three from the Higher Aeronautical College. A. Silakov Grazhd. av. 16 no. 9,8 S '59.

LENINGRAD—ANTIQUITIES, ROMAN

Andreeva, M.V. [Monuments of Roman culture; for children of the middle age group] Pamiatniki rimskoi kul'tury, dlia detei srednego vozrasta. Leningrad, Izd-vo Gos.Ermitazha, 1959. 36 p. (Puteshestviia v proshloe po zalam Ermitazha)

LENINGRAD—APARTMENT HOUSES

New apartment houses in Malaya Okhta District in Leningrad. IU. Shass. Zhil. stroi. no. 12 9-11 '59.

Rakov, A.V. [Apartment houses built of silicalcite blocks, practices of the Kirov Plant in Leningrad] Zhilye doma iz silikal'tsita, opyt Kirovskogo zavoda v g Leningrade. Leningrad. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 4) Pt. 2. 1959. 7 p.

Standard large-panel apartment houses of the 1-507 series prefabricated by the Kuznetsovskii Housing Construction Combine. D.S. Gol'dgor. Biul. tekh. inform. po stroi. 5 no. 11:1-4 N '59

Technical and economic efficiency of buildings constructed by the method of lifting A. A. Sizov, L. IU. Gal'perin. Biul. tekh. inform. po stroi 5 no. 12,3-4 '59

Verizhnikov, S.M. [Leningrad housing construction combines] Leningradskie domostroitel'nye kombinaty. [Leningrad] Gosstroizdat, 1959. 148 p.
[MICROFILM]

LENINGRAD—ART, CHINESE—EXHIBITIONS

Shapiro, IU.G. [The culture and art of China; for teen-age children] Kul'tura i iskusstvo Kitaia, dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 47 p. (Puteshestviia v proshloe po zalam Ermitazha)

LENINGRAD—ART, GREEK

Gorbunova, K.S. [The culture and art of ancient Greece; for teen-age children] Kul'tura i iskusstvo drevnei Gretsii; dlia detei srednego vozrasta. Leningrad, Izd-vo Gos. Ermitazha, 1959. 49 p. (Puteshestviia v proshloe po zalam Ermitazha)

LENINGRAD—ART GALLERIES AND MUSEUMS

Leningrad. Ermitazh. [The Hermitage; paintings] Gosudarstvennyi Ermitazh; zhivopis'. [Leningrad] Gos. izd-vo izobraz. iskus., 1959. vi p., illus. (Khudozhestvennye sokrovishcha SSSR)

LENINGRAD—AUTOMOBILE PARKING

Six-story building for parking taxicabs and cars. Biul. tekh. inform. po stroi. 5 no. 11:27 N '59.

LENINGRAD—BAKED PRODUCTS—STORAGE

Preserving the freshness of bread and baked products by means of freezing. A.IA. Pumpianskii Khleb. i kond. prom. 2 no. 5:40 My '58.

LENINGRAD—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Automatic proportioning of raw ingredients and automatic control of prof. N.F. Gatilin's system of dough preparation machinery L.L. Taranenko. Khleb. i kond. prom. 2 no. 5·37-40 My '58.

LENINGRAD—BALLET

To the music of Chaikovskii. A. Ruleva. Teatr 21 no. 1: 182-183 Ja '60.

LENINGRAD—BAPTISTS

New Year and Christams meetings in the Leningrad parish. E.M. Guseva. Brat. vest. no. 1·25-26 '59.

LENINGRAD—BOARDING SCHOOLS

Art boarding school. N. Sola. Sem'ia i shkola 13 no. 3: 33 Mr '58.

LENINGRAD—BOTANY—STUDY AND TEACHING

Botany teaching at the S.M. Kirov Academy of Military Medicine. E.N. Pavlovskii, S.E. Shpilenia Bot. zhur. 44 no. 12 1783-1785 D '59.

LENINGRAD—BUILDING BLOCKS

Vibrated brick panels for apartment houses. D.D. Eshchenko, A.F. Starov, L.S. Shifrin. Biul. tekh. inform. po stroi. 5 no. 11,7-8 N '59.

LENINGRAD—BULBS

Early spring flowering ornamental plants. Z.T. Artiushenko. Trudy Bot inst. Ser. 6 no 7,485-490 '59.

LENINGRAD—CANALS

Kublitskii, G.I. [Motorships sail from Moscow to Leningrad] Teplokhody idut iz Moskvy v Leningrad. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 93 p.

LENINGRAD—CHESS—TOURNAMENTS

The match has started. Shakh v SSSR 36 no 12 358 D '59

LENINGRAD—CHILDREN—WOUNDS AND INJURIES

Measures to control injuries to children in Leningrad. G.IA. Epshtein, N.M Obodan. Ortop., travm. i protez. 20 no. 4:60-63 Ap '59.

LENINGRAD—CHORAL SOCIETIES

Remarks by a choirmaster. G. Sandler. Sov. muz. 24 no. 1:120-122 Ja '60.

LENINGRAD—COLD STORAGE WAREHOUSES

Use of an ammonia ejector as a booster compressor [with summary in English] L. Syseev Khol tekh 36 no 6 20-21 N-D '59

LENINGRAD—CONCERTS

We look forward to seeing you. B. Vasil'ev. Neva no 10·221 '59.

LENINGRAD—CONSTRUCTION INDUSTRY

Let's improve the quality of designing and building. Biul tekh. inform. po stroi 5 no. 11·28-29 N '59.

LENINGRAD—DEAF—EMPLOYMENT

In step with the group. T. Ermolaev. Zhizn' glukh. 12 no. 11:6 N '59.

LENINGRAD—DESCRIPTION

The lights of my native city. K. Mikhailovskaia. Neva no. 11:175-179 '59.

LENINGRAD—DRYING APPARATUS

Units for drying and heating buildings under construction in winter. B.S. Krivtsov, B.P. Moskovchenko. Biul. tekh. inform. po stroi. 5 no. 11:20-23 N '59.

LENINGRAD—ECONOMIC CONDITIONS

Karimov, Kh., V. Kuz'min, and V. Ol'shanskii. [For the good of the Soviet people] Na blago sovetskikh liudei. [Leningrad] Lenizdat, 1959. 113 p.

LENINGRAD—EDUCATION, COOPERATIVE

Students contribute to the seven-year plan Smena 37 no 1 12-13 Ja '60.

LENINGRAD—ELECTRIC INSTRUMENTS

Cooperation of producers and users. M Shabal. NTO no 11 61 N '59.

LENINGRAD—FACTORY LIBRARIES

Workers at the Vladimir Ilich Factory make friends with books. B. Gol'dberg, I. Fedorin. Bibliotekar' no. 5: 16-19 Ap '60.

LENINGRAD—FINANCE

Preparing a regional balance of population income and expenditure. I. Vinitskii. Den. i kred. 18 no. 4:63-64 Ap '60.

LENINGRAD—FIRE DEPARTMENTS

We fulfilled the pledge. V. Poliakov. Pozh. delo. 5 no. 12: 25-26 D '59.

LENINGRAD—FLOODS

Possibility of basic long-range flood forecasts for Leningrad. O.R. Lundberg. Trudy GOIN no. 37:53-58 '59.

LENINGRAD—FOOD, FROZEN

Preserving the freshness of bread and baked products by means of freezing. A.IA. Pumpianskii Khleb. i kond. prom. 2 no. 5:40 My '58.

LENINGRAD—GASES—ANALYSIS

Problem of a concentration standard for hydrocyanic acid in gas for domestic use. N.N. Zhukova. Trudy VNIIPS no. 4:125-129 '55.

LENINGRAD—GENTIANS

Introducing the yellow gentian. N.A. Borisova. Trudy Bot. inst. Ser. 6 no. 7:338-341 '59.

LENINGRAD—GLASS REINFORCED PLASTICS

Where glass fiber anisotropic materials (SWAM) are born. G. Mishkevich. Znan. sila 34 no. 11·37 N '59.

LENINGRAD—GRAPHIC ARTS, FRENCH—EXHIBITIONS

Leningrad. Ermitazh. [From Callot to Toulouse-Lautrec, an exhibition of French engravings and lithographs from the 17th to the beginning of the 20th century. A catalog] Ot Kallo do Tuluz-Lotreka, vystavka frantsuzskoi graviury i litografii XVII-nachala XX veka. Katalog. Leningrad, Izd-vo Gos. Ermitazha, 1960. 53 p., illus.

LENINGRAD—HELICOPTERS

Unusual method P Zakharov. Grazhd av 16 no. 12· 22-23 D '59

LENINGRAD—INSURANCE, SOCIAL—STUDY AND TEACHING

Claims of an auditor of courses V. Kostko Sots obesp 20 no 11 12 N '59.

LENINGRAD—JOURNALISM, TECHNICAL

Technical promotion in a factory newspaper P Kovalerchuk NTO no 11 58 N '59

LENINGRAD—LABOR AND LABORING CLASSES

Documents concerning the labor movement in Petrograd ("The labor movement in Petrograd, 1912-1917, documents and materials". Reviewed by D.A. Kovalenko). Ist. arkh. no. 6:155-158 N-D '59.

Smirnov, V.N. [Young Leningraders work for the fatherland] Molodye leningradtsy - Rodine. [Leningrad] Lenizdat, 1959. 128 p.

LENINGRAD—LAMP SHADES

First steps are made. N. Pribytkov. Prom. koop. 13 no. 12.20 D '59.

LENINGRAD—LANDSCAPE PAINTING—EXHIBITIONS

Leningrad. Ermitazh. [The West European landscape of the 16th-20th century (paintings, engravings, applied art), a catalog] Zapadnoevropeiskii peizazh XVI-XX vekov (zhivopis', grafika, prikladnoe iskusstvo); katalog. Leningrad, 1959. 43 p., illus.

LENINGRAD—LIBRARIES

In Leningrad libraries. L. Karpekina. Bibliotekar' no. 4· 15 Ap '60.

Put an end to isolation. G. Firsov and others. Bibliotekar' no. 5:9-12 My '60.

LENINGRAD—MACHINE-TOOL INDUSTRY

Automation marches. A. Vinogradov. Zvezda no. 1:134-138 Ja '60.

LENINGRAD—MACHINERY INDUSTRY

Braverman, A.M., S.M. Levin, and N.D. Fherolkorn. [Using computers in planning and organizing the production of standard parts, experience of Novskii Machinery Plant] Primenenie schetnykh mashin v operativnom planirovanii i podgotovke proizvodstva normalizovannykh detalei; opyt Nevskogo mashinostroitel'nogo zavoda imeni V.I. Lenina. Leningrad, 1959. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Organizatsiia i ekonomika proizvodstva, vyp. 3)

LENINGRAD—MANUFACTURES

Subject for a serious talk. V. Konopel'ko. Prom. koop. 13 no. 12:7 D '59.

LENINGRAD—MATHEMATICS—SOCIETIES, ETC.

Leningrad Mathematical Society. A.V. Malyshev. Usp. mat. nauk 14 no. 6:212 N-D '59.

LENINGRAD—MINTS

Leningrad mint. D. Khandros. Znan. ta pratsia no. 12: 12-13 D '59.

LENINGRAD—MUSIC

[In the first years of the development of Soviet music; articles, reminiscences, materials] V pervye gody sovetskogo muzykal'nogo stroitel'stva; stat'i, vospominaniia, materialy. Leningrad, Sovetskii kompozitor, 1959. 265 p.

LENINGRAD—NAVAL MUSEUMS

Seal of the glorious cruiser. I. Moroz. Ukraina no. 23: 32 D '59.

LENINGRAD—NEUROSURGICAL SOCIETIES

Minutes of meetings of the Leningrad Neurosurgical Society. A.N. Koskov. Vop. neirokhir. 23 no. 6:50-52 N-D '59.

LENINGRAD—NEWSPAPER AND PERIODICAL CIRCULATION

Extend retail organization, improve the quality of the work of newsstand operators. A. Avdeeva. Raspr. pech. no. 12:5-6 D '59.

From the past; at the beginning of the century. E. Golomb. Raspr. pech. no. 12,15 D '59.

LENINGRAD—OTOLARYNGOLOGICAL SOCIETIES

Minutes of meetings of the Leningrad Otolaryngological Society. Vest. otorin. 21 no. 6:101-109 N-D '59.

LENINGRAD—POSTAL SERVICES

Experiment in establishing work norms at the Leningrad post office. M.M. Novoselov. Vest. sviazi 19 no. 12:16-17 D '59.

LENINGRAD—PROSTHESIS

Control apparatus is indispensable B Fridman Sots obesp 20 no 11 29 N '59

LENINGRAD—RAILROADS—STATIONS

Roof of the waiting room at the Finland Railroad Station V.N Belobokov, G F. Matveev Biul tekh inform po stroi. 5 no 12 11-12 '59

LENINGRAD—REFRIGERATION AND REFRIGERATING MACHINERY

Investigating lithium bromide absorption and a refrigerating heat pump machine [with summary in English] L Rozenfel'd, M Karnaukh Khol tekh 36 no 6 13-16 N-D '59

LENINGRAD—REINFORCED CONCRETE

Organizing the production of reinforcements at the Obukhovo Housing Construction Combine. P.I. Nekrich, B.I. Dobrynin, A G. Shliapnikova Biul tekh. inform. po stroi 5 no 12,5-7 '59.

LENINGRAD—RENDERING APPARATUS

Experience in operating the "GMU-2000" assembly and testing the "Leningrad" assembly A Lapshin, S Liberman, A Skrypnik Mias ind SSSR 30 no 2·12-15 '59

LENINGRAD—SCULPTURE, RENAISSANCE—CONSERVATION AND RESTORATION

Restoration of masterpieces Z Zaretskaia, N. Kosareva, Iskusstvo 22 no 10,60-64 '59.

LENINGRAD—SIEGE, 1941-1944

Sharypina, E.T. [In the days of the blockade; notes of a political organizer] V dni blokady, zapiski politorganizatora. Leningrad, Gos.izd-vo detskoi lit-ry, 1960. 102 p.
(CSt-H)

LENINGRAD—SOAP INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanical unloading of salt from railroad cars. V. P Oleshko, N E. Kostiuchenko. Masl.-zhir prom 26 no. 1,20-23 Ja '60.

LENINGRAD—STREETCARS—MAINTENANCE AND REPAIR

New method for inspecting streetcars. A. Skachkov. Zhil.-kom khoz. 9 no. 12;9-10 '59.

LENINGRAD—TEXTILE MACHINERY

Modernization of machine tools M Slutskii NTO no 11 60 N '59

LENINGRAD—THEATER

"Barbarians." B. Eingerman. Teatr 21 no. 1;170-173 Ja '60.

In the sky and on the ground. A. Tverskoi. Neva no. 10· 222 '59

LENINGRAD—THERAPEUTIC SOCIETIES

Minutes of meetings of the hematology section of the Botkin Society of Therapists in Leningrad, January 25, February 25, and March 25, 1959. V A Beler, L. M Kliachkin Probl gemat i. perel krovi 4 no 12:53-55 D '59.

LENINGRAD—TOY INDUSTRY

Take care of kopeks and the rubles will take care of themselves. N. Volodina. Prom. koop. 13 no. 12·16 D '59

LENINGRAD—UNIVERSITIES AND COLLEGES

A technical institution of higher learning. O. Shcherbakova. Prom. koop. 13 no. 12·33 D '59.

LENINGRAD—VERMICULITE

Using vermiculite in construction. Biul. tekh. inform. po stroi 5 no. 11:31 N '59.

LENINGRAD—VIEWS

Komelova, G.N. [Views of St. Petersburg and its environs, 1821-1826] Vidy S.-Peterburga i okrestnostei, 1821-1826. Litografirovannoe izdanie Obshchestva pooshchreniia khudozhestv. Leningrad, Izd-vo Gos. Ermitazha, 1960. 41 p., illus.

LENINGRAD—WEDDINGS

Palace of happiness. B. Zorin, B. Tolchinskii. Smena 36 no. 24·8-9 D '59.

Wedding palace. V. Levidova, K Cherekov Ogonek 37 no 52 24 D '59

LENINGRAD ECONOMIC REGION—ECONOMIC POLICY

Karimov, Kh., IU. Lavrikov, and R. Persianov, [Economy of Leningrad in the seven-year plan] Ekonomika Leningrada v semiletke. [Leningrad] Lenizdat, 1959. 90 p.

LENINGRAD ECONOMIC REGION—LUMBERING

Striving for technical progress. S. M. Finkel'shtein. Les. prom. 37 no 12.17 D '59

LENINGRAD PROVINCE—AGRICULTURE

Kommunisticheskaia partiia Sovetskogo Soiuza. Leningradskii oblastnoi komitet. [Seminar of secretaries of district committees of the CPSU] Seminar sekretarei raikomov KPSS. [Leningrad] Lenizdat, 1959. 57 p.
(MH)

Production of vegetables, potatoes and milk in the zone adjacent to Leningrad. G Kozlov. Ekon. sel'khoz. 30 no 8 29-36 D '59

LENINGRAD PROVINCE—ALKALOIDS

Introduction of some alkaloid plants in Leningrad Province. S.E Shpilenia Trudy Bot inst Ser. 6 no 7 298-299 '59

LENINGRAD PROVINCE—AROMATIC PLANTS

Introduction of some essential oil plants in the Leningrad area. I S. Sharygina Trudy Bot. inst Ser. 6 no 7 102-104 '59

LENINGRAD PROVINCE—CHILDREN—INSTITUTIONAL CARE

Work of the organizational and methodological office of the Leningrad Province Clinical Hospital. V. V. Sheremetevskaia. Vop. okh. mat. i det. 4 no. 6;68-71 N-D '59.

LENINGRAD PROVINCE—COMMUNITY CENTERS

Rural poetry and collective farm life. Timofei Dmitriev. Neva no 11,172-174 '59

LENINGRAD PROVINCE—COW PARSNIP

Cow parsnip, its biology and cultivation in Leningrad Province. I B Sandina Trudy Bot inst Ser. 6 no. 7 259-261 '59.

LENINGRAD PROVINCE—ELECAMPANE

Elecampane in Leningrad Province. R. A. Buiko. Trudy Bot inst. Ser. 6 no 7:342-344 '59

LENINGRAD PROVINCE—ELECTRIC LINES—POLES

Prestressed reinforced concrete supports for LEP-35 electric power transmission lines. G D. Bodrov, N. IA. TSukerman Biul. tekh. inform po stroi. 5 no. 11,18-19 N '59

LENINGRAD PROVINCE—FORESTS AND FORESTRY

Development of prevailing spruce-hardwood plantations of Leningrad Province. I. V. Semechkin. Izv. vys. ucheb. zav., les. zhur 2 no. 5 21-29 '59.

LENINGRAD PROVINCE—HOSPITALS, RURAL

Standard hospital requirements for the adult population in rural areas N. S. Sokolova Sov zdrav 19 no. 1 12-14 '60.

LENINGRAD PROVINCE—HOUSING, RURAL—HYGIENIC ASPECTS

Hygienic evaluation of collective farmers' living quarters made of slag and reinforced concrete blocks V. A Rudeiko Vrach delo no 11 1191-1193 N '59

LENINGRAD PROVINCE—KALE

Sea kale species, their biology and introduction in Leningrad Province. A. E. Grashchenkov Trudy Bot inst Ser. 6 no. 7 124-127 '59.

LENINGRAD PROVINCE—KNOTWEED

Polygonum Weyrichii F. Schmidt in Leningrad Province G. M Balabas Trudy Bot. inst. Ser. 6 no. 7 262-263 '59

LENINGRAD PROVINCE—LEUZEA

Introduction of Leuzea carthamoides DC. V. S. Sokolov. Trudy Bot inst. Ser. 6 no 7:295-297 '59

LENINGRAD PROVINCE—MEADOW SAFFRON

Introducing the meadow saffron Colchicum speciosum Stev. I. F. Satsyperova Trudy Bot. inst Ser. 6 no. 7· 319-322 '59

LENINGRAD PROVINCE—OILSEED PLANTS

Study of oilseed plants in Leningrad Province. F. S. Venislavovich. Trudy Bot. inst. Ser. 6 no. 7:115-120 '59.

LENINGRAD PROVINCE—PUBLIC HEALTH

Work of the rural sanitary and epidemiological service with the district hospital, data from Kingisepp and Roshchino Districts, Leningrad Province V. A. Elizarov. Sov. zdrav 19 no 1;8-11 '60.

LENINGRAD PROVINCE—SHALE

Testing the chamber and pillar mining method in mine No. 3. K. I. Shirenko, IU. A. Modestov, B. I. Logusov. Ugol' 34 no. 12:10-14 D '59.

LENINGRAD PROVINCE—SPRUCE

Spruce forests of Leningrad Province [with summary in English] A A Nitsenko Vest LGU 15 no 9·5-16 '60

LENINGRAD PROVINCE—VEGETABLE GARDENING

Effectiveness of vegetable growing concentration. S. Il'in. Ekon. sel'khoz. 31 no. 1·81-85 Ja '60.

LENINOGORSK—ARCHITECTURE—DESIGNS AND PLANS

Speed up and reduce designing costs. I. Shchetinin. Nar. khoz. Kazakh. no. 12;15-18 D '59.

LENINOGORSK—MINING ENGINEERING

Analysis of horizontal block sizes in forced block caving systems in mines of the Leninogorsk Combine. K. E. Uspanov. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:3-8 '59.

LENSES, PHOTOGRAPHIC

From the pages of foreign journals; universal len toto 19 no 11 60 N '59.

LEONOV, LEONID MAKSIMOVICH, 1899-

Confession of love ("L. Leonov's novel 'Russian fo by M. Lobanov. Reviewed by N. Dalada). Moskva no. 10,209-210 '60.

Singer and builder of life K Kurova Sov. Kazakh no 5 114-118 My '59

LEPIDINIUM COMPOUNDS

Physicochemical properties of the system potassiu tetraiodobismuthate - N - phenyllepidinium per water, D. P. Belotskii, B. M. Gutsuliak, N. P Ko kovskii. Zhur. neorg. khim. 4 no. 12:2772-2774 D

Synthetic dyes. Part 15: Synthesis of N-n-tolyl-6- lepidinium iodide, and its conversions. G. T. Pil B. M. Gutsuliak. Zhur. ob. khim. 30 no. 4:1299-1 Ap '60

LEPIDOMELANES see subdivision under Khibiny Mountains

LEPTOSPIROSIS

Water transmission of leptospirosis [with summary English] N M Blagoveshchenskaia, K F Go Gig i san 24 no 11 12-16 N '59

LEPTOSPIROSIS—DIAGNOSIS

Histodiagnosis of leptospirosis. M Palagute Mia SSSR 30 no 6 34 '59.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

Lermontov's "Sashka." N. N. Falov. Nauch. dokl vys shkoly. Filol. nauki no. 4,74-82 '59.

Maksimov, D. E. [Lermontov's poetry] Poeziia Lermontova. Leningrad, Sovetskii pisatel', 1959. 3

Translations that should be improved M Khamra Sov. Kazakh. 24 no. 2 107-109 F '58

LESGAFT, PETR FRANTSEVICH, 1837-1909

Outstanding educator. N. IArzhombek. Sem'ia i s 14 no. 12;4-5 D '59.

P. F. Lesgaft in the chair. V. N. Moskvinov. Zdo 5 no. 12·6 D '59.

P. F. Lesgaft; on the 50th anniversary of his death Bukin Sov zdrav 19 no 1;42-46 '60

Remarkable scientist and pedagogue; 50th annivers the death of P. F. Lesgaft. I. A. Kriachko. Nauk 26 no. 12;46-47 D '59.

LETTERS

Hours of meditation. F. Vigdorova. Moskva 3 no 149-154 '59.

LEUCOCYTES

Inversion of unconditioned leucocytic reactions in ex mental neurosis in intact and decerebrated rats [summary in English]. P. V. Simonov. Fiziol. zh no. 12:1438-1445 D '59.

New modification of azur-eosin staining of the blo association with the microchemical reaction for oxidase I. I. Kukoleva. Arkh anat gist i emb no 10:91-93 O '59.

LEUCOSIS

Leucosis of cattle [with summaries in English, Ger and French] N. T Vasil'ev Vest. sel'khoz nauk no. 12 58-65 D '59

LEUKEMIA

Case of chronic lymphadenosis with massive leuke lesions of the lung tissue and formation of caviti [with summary in English, p. 58] E. A Danilova, TSukerman, V. V. Barakov Probl gemat i perel krovi 4 no. 12;47-50 D '59.

Disease of the vegetative nervous system in leu T. K Kadyrova. Azerb. med. zhur. no. 12;10-14 D

Megakaryocytic variant of osteomyelosclerotic le [with summary in English]. K. A Khasanova Zdr Tadzh 6 no. 6;25-27 '59.

LEUZEA see subdivision under Leningrad Provin

LEVEL INDICATORS

Level indicators to be used in automating concrete M. N. Gorbovets. Bet. i zhel.-bet. no 12 548 550 D '59.

LEVEL INDICATORS—TESTING

Investigating and taking into account periodic error micrometric screws of level testers. S S. Torch ko. Trudy VNIIM no. 37:74-85 '59.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING

Considering the effect of the near-by relief when with GRB-2 apparatus. V. I. Pavlovskii Razved i nedr 25 no. 10:37-38 O '59.

LEVOMYCETIN

Mechanism of the action of levomycetin (chloramphe Report No. 4: Effect of levomycetin on pyroracemic metabolism in colon and Flexner's bacilli and its re tion to the aeration degree of the culture medium [w summary in English]. A. I. Korotiaev. Mikrobiol 28 no. 6:851-857 N-D '59.

LEVULINIC ACID
Synthesis of analogs of certain natural compounds. B. V. Piskov Zhur. ob. khim. 30 no. 4:1390-1395 Ap '60.

LEWIS, SINCLAIR, 1885-1951—BIBLIOGRAPHY see Bibliography—Lewis, Sinclair, 1885-1951

LIABILITY (LAW)
Any reduction of liability for the violation of contracts is inadmissible. V Efimochkin Sots. zakon 36 no 12: 37-42 D '59.
Compensation procedures for damages sustained by the communal economy of a collective farm. N M. Borodanov. Uchet i fin v kolkh i sovkhoz. 16 no 12 53-54 D '59

LIATOSYNSKYI, BORYS, 1895-
Slavic images in the music of B. Liatoshynskyi. N. Zaporozhets. Sov. muz. 24 no 1:34-39 Ja '60.

LIBRARIANS
At the source of treasure. V. Sosiura. Bibliotekar' no. 5:40 My '60.
But what do you think? Bibliotekar' no. 5:56-57 My '60.
High awards. Bibliotekar' no. 5:7-8 My '60.

LIBRARIES
(see also subdivision under Kazan; Leningrad, Moscow, Omsk Province, Rodniki, Ul'yanovsk)
Brief news. Bibliotekar' no. 4:62 Ap '60.
Brief news. Bibliotekar' no. 5:63 My '60.
Brief news of library activities. Bibliotekar' no. 4:60 Ap '60.
Brief news of library activities. Bibliotekar' no. 5:61 My '60.
Brief remarks. Bibliotekar' no. 5:62 My '60.
First results. N. Gavrilov. Bibliotekar' no. 4:30-34 Ap '60.
How we work. G. Stetskov. Bibliotekar' no. 5:32-33 My '60.
Let us carry out Lenin's precepts. Bibliotekar' no. 4: 1-3 Ap '60.
Libraries are being consolidated. P. Svechnikov. Bibliotekar' no. 5 13-14 My '60.
Library councils are organs of the community. Bibliotekar' no. 5:5-6 My '60.
A reader goes away satisfied. M. Zamdikhanova. Zhizn' glukh. 12 no. 12:13 D '59.
Single reader's card for the city's libraries. E. IAnkilovich. Bibliotekar' no. 5:14-16 My '60.
Through the cities of our country. Bibliotekar' no. 4: 60-61 Ap '60.

LIBRARIES—ACCESSIONS
[New foreign books received by the library system of the Academy of Sciences of the U.S.S.R.] Novye inostrannye knigi, postupivshie v sistemu Biblioteki AN SSSR nos 91-92 '59

LIBRARIES, AGRICULTURAL see Agricultural libraries

LIBRARIES, CHILDREN'S
For librarians working with children. N. Medvedeva. Bibliotekar' no. 4:56-59 Ap '60.
Librarians are public-spirited workers. A. Zheleznlak, M. Makarova. Bibliotekar' no. 4:44-45 Ap '60.
Our helpers are members of the active group. G. Tubol'skaia. Bibliotekar' no. 5:49-52 My '60.

LIBRARIES, RURAL
(see also subdivision under Krasnodar Territory)
Together with the collective farms. I. Vaks. Bibliotekar' no. 5:23-26 My '60.
With the resources of collective farms. A. Dolzhenko. Bibliotekar' no. 5,21-23 My '60.
You can't do without agricultural books. A. Eremenko. Bibliotekar' no. 4:25-27 Ap '60.

LIBRARIES AND READERS
(see also subdivision under Odessa)
Conversation of readers with writers. L. Il'in. Bibliotekar' no. 4:48-49 Ap '60.
Friend and counselor. Dm. Petrov (Biriuk). Bibliotekar' no. 4:29 Ap '60.
"Greater confidence for librarian and reader." Bibliotekar' no. 5:54-56 My '60.
In friendship with writers. V. Kanarsh. Bibliotekar' no. 4:49 Ap '60.
Know your territory. N. Kulinich. Bibliotekar' no. 4: 27-28 Ap '60.
Let us promote books on technology. D. Fatelevich. Bibliotekar' no. 4:42-44 Ap '60.
Students of local lore on their experiences. L. Vadikovskaia. Bibliotekar' no. 5:27-29 My '60.

LIBRARY CONFERENCES
Experience of a seminar. N. Torlisyna. Bibliotekar' no. 4:53 Ap '60.

LIBRARY EXTENSION
Aid for the libraries. F. IAsnovitskii. Prom. koop. 13 no. 12:33 D '59.

LIBRARY SCHOOLS AND TRAINING
Differentiate the training of librarians. Z. Ambartsumian, V. Serov. Bibliotekar' no. 5:41-43 My '60.

LIBRARY SCIENCE
But what do you think? Bibliotekar' no 4:54-55 Ap '60.
Guide to action ("Lenin on library work." Reviewed by A. Kravchenko). Bibliotekar' no. 5:38-39 My '60.
How to work with the "Catalog for district libraries." G. Chizhkova. Bibliotekar' no. 4:50-53 Ap '60.
Manual on the history of library work ("History of library work in the U.S.S.R., a manual for library schools" by V. E. Vasil'chenko. Reviewed by L. Solov'eva). Bibliotekar' no. 5:58-59 My '60.
Practical advice to librarians ("Promoting library and bibliographical knowledge in city and provincial libraries, a practical manual" by I. K. Kirpicheva. Reviewed by E. Dashkova). Bibliotekar' no. 5:43 My '60.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LIBRETTO
On the writing of Soviet operetta. IU. Miliutin. Sov. muz. 24 no. 1:17-21 Ja '60.

LIBYA—POLITICS AND GOVERNMENT
Libyan students are a national force. Sh. Kanoon. Vsem. stud nov 13 no. 12:9-10 D '59

LICHENS
Use of winter pastures in reindeer farming in Murmansk Province. L. V. Makhaeva. Probl. Sev. no. 3:66-77 '59.

LIENS
Excluding some items from liens on property. M. Gurevich. Sov. iust no. 12:51-53 D '59.

LIFTING AND CARRYING
Mechanized lifting of barrels from the cellar. P. V. Afanas'ev. Vin SSSR 19 no. 8:51-52 '59.

LIGAMENTS
Variants of the gastropancreatic ligaments. I. A. Sleshenko. Nov. khir. zhur no. 6:68-69 N-D '59.

LIGHT
Optical properties of harmonic oscillations. V. P. Gribkovskii, P. A. Apanasevich, B I Stepanov. Trudy Inst. fiz. i mat. AN BSSR no. 3:131-141 '59
Propagation of light in absorptive magnetic active isotropic media and in cubic crystals. B V. Bokut', F. I. Fedorov. Opt. i spektr 7 no 4:556-561 O '59.
Transformation of light by molecules. P. A. Apanasevich. Trudy Inst fiz. i mat AN BSSR no. 3:167-212 '59

LIGHT—PHYSIOLOGICAL EFFECT
Restorative effect of light on animal tissues following irradiation by short-wave ultraviolet rays. V. L. Levin. TSitologiia 1 no. 6:690-706 N-D '59

LIGHT FILTERS
Dielectric multilayer interference light filters for the visible and adjacent infrared region of the spectrum [with summary in English]. F. A. Korolev, A. IU. Klement'eva, T. F. Meshcheriakova. Inzh.-fiz. zhur. no. 1: 55-61 Ja '60.

LIGHT QUANTUM see Photons

LIGHT TRAPS see Insect traps

LIGHTING
Lighting of drilling stations. G. V. Zhuravleva, V. A. Ruvinskii. Bezop. truda v prom. 4 no. 1:17-19 Ja '60.

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING—EXHIBITIONS see subdivision under Moscow

LIGHTING—TERMINOLOGY
Question of the nomenclature of luminaires for ordinary illumination of industrial enterprises. IU. B. Aizenberg. Svetotekhnika 5 no. 12:13-17 D '59.

LIGHTNING PROTECTION
Systems for the protection of rural distribution networks. I. A. Budzko, N. M. Zul, V. R. Krausp. Elek. sta. 30 no. 12:53-57 D '59.

LIGHTWEIGHT CONCRETE
(see also subdivision under Estonia; Kharkov; Kurakhovka; Perm Province; Sverdlovsk Province)
Aerated concrete and aerated silicate made with ferrosilicon. V. P. Kuprilanov. Trudy NIIZHB no. 8:210-212 '59
Aerated concrete made with fly-ashes from thermoelectric power plants and some problems in autoclave hardening of large products. K E. Gortainov. Trudy NIIZHB no 8:59-82 '59.
Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona. Perovo. [Temporary technical specifications for designing construction elements made of lightweight concretes with synthetic aggregates] Vremennye tekhnicheskie usloviia po proektirovaniiu konstruktsii iz legkikh betonov s iskusstvennymi zapolniteliami. Moskva, 1958. 20 p.
Causes of crack formations in foamed concrete panels and methods for their elimination M. V. Levin. Trudy NIIZHB no 8:151-157 '59
Coarse porous silicate-concrete for large-block and panel construction [with summary in English, p. 83] T. T. Trotsko Visnyk AHIA URSR no 4:45-49 '59
Discussions Trudy NIIZHB no. 8:237-240 '59.
Girders made of reinforced fly-ash concrete slabs. I. I. Zhodzishskii, A D. Lizarev Trudy NIIZHB no. 8:224-228 '59
Large construction elements made of fly-ash and foamed fly-ash concrete hardened without using autoclaves. L M. Rozenfel'd. Trudy NIIZHB no. 8:97-105 '59
Levin, S. L. [New designs of lightweight precast block foundations] Novye konstruktsii sbornykh fundamentov iz oblegchennykh blokov. Leningrad, 1959. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', vyp. 15)
Modern construction elements made of porous concrete. V V. Makarichev Trudy NIIZHB no. 8:11-19 '59.
Porous concretes made with wet-ground slag cements. I. A. IAkub. Trudy NIIZHB no 8:118 128 '59.
Problems in the technology of production and use of porous concretes in building. S A Mironov. Trudy NIIZHB no 8:5-10 '59.
Production and use of wire-reinforced air-entrained silicate partitions. M. A Usyskin. Trudy NIIZHB no. 8 130-143 '59.
Resolution. Trudy NIIZHB no. 8:247-250 '59.
Technology and characteristics of the autoclave-hardened aerated concrete made with perhydrol. P D Koveah. Trudy NIIZHB no. 8:201-209 '59
Using ashes from thermoelectric power plants in housing construction. I. M Rozenfel'd, P. A. Tester, R A. TSvetaeva Trudy NIIZHB no 8:156-171 '59.
Using rheological characteristics in evaluating the hardening processes of porous concretes before hardening them in autoclaves. I Z. Volchek. Trudy NIIZHB no 8: 220-230 '59.

LIGHTWEIGHT CONCRETE—TESTING
Combined foamed and reinforced concrete construction elements and the testing of mechanical properties of foamed concretes. I. L. Zhodzishskii. Trudy NIIZHB no. 8:83-97 '59.
Testing physical and technical properties of perhydrol-based aerated concrete using electronic instruments. E IA. Ershler. Trudy NIIZHB no 8:213-218 '59.

LIGNER, MAX, 1886-1959
Max Lingner, an artist of the working class. R. Kriukov. Iskusstvo 22 no. 10:47-53 '59.

LIGNIN
Amino acids associated with the hemicellulose, cellulose, and lignin fractions of plant tissues. M. A. Ter-Karapetian, A. M. Ogandzhanian. Dokl. AN SSSR 131 no. 5: 1187-1190 Ap '60.
Exchange properties of "lignINIC acids." I. V. Skrynnik, S. I. Sukhanovskii, M. I. Chudakov. Zhur. prikl. khim. 31 no. 4:655-657 Ap '58.
Oxidation of lignin by oxygen in an alkaline medium. V. M. Nikitin, A. V. Obolenskaia. Trudy LTA no. 80 pt. 2,65-75 '59.
Using alkali sulfate lignin as an active filler for synthetic rubber. B. D. Bogomolov and others. Izv. vys ucheb. zav., les zhur 2 no 5:150-155 '59

LIGNIN—SPECTRA
Examining the luminescence of lignin obtained from cotton stalks. S. N. Vil'kova. Zhur. prikl. khim. 32 no. 8:1802-1806 Ag '59.

LIGNITE see subdivision under Germany, East, Zgorzelec region, Poland

LIGNOSULFONIC ACIDS
Sulfuric acid precipitation of lignosul'fonates in the presence of some components of sulfite liquor. A. V. Buevskoi, S. A. Sapotnitskii. Trudy LTA no. 80 pt. 2: 20-36 '58.

LIKHODEEV, LEONID IZRAILEVICH
One more satirist has appeared on the scene. D. Moldavskii. Neva no. 11:190 '59.

LILIES OF THE VALLEY see subdivision under Ukraine

LIMBS (ANATOMY) see Extremities (Anatomy)

LIMBS, ARTIFICIAL see Artificial limbs

LIME—THERMAL PROPERTIES
Thermal conductivity of lime produced by the calcination of limestone at different temperatures. D. M. Ginzburg. Khim. prom. no. 6:510-513 S '59.

LIMEKILNS
Calculating a multilayer kiln for burning limestone in a fluidized bed [with summary in English]. V M. Dement'ev. Inzh.-fiz. zhur. no. 12:31-37 D '59.

LIMESTONE see subdivision under Kolturban region

LIMING OF SOILS

Effect of soil liming and application of fertilizers containing chlorine on iodine absorption by plants M. V. Katalymov, V. M. Churbanov Dokl. AN SSSR 131 no. 5: 1191-1193 Ap '60.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR PROGRAMMING

The use of linear programming in economics. N. V. Pankrat'eva. Vest. Mosk un Ser. ekon , filos , prava 14 no. 4 73-81 '59.

LINGUISTICS—BIBLIOGRAPHY see Bibliography—Linguistics

LINKS AND LINK MOTION

Determining positions of a generalized three-dimensional five-bar linkage. G. D. Ananov Izv. vys. ucheb. zav., prib. no. 3 64-71 '59.

One class of connecting-rod curves I. I Artobolevskii Dokl AN SSSR 132 no 1 82-84 My '60

LIPATOV, SERGEI MIKHAILOVICH, 1899-

On the 60th birthday and 35th anniversary of the research, and pedagogic and public activities of Sergei Mikhailovich Lipatov. A. A. Marozau, E. P. Molchan, S. I. Meerson. Vestsi AN BSSR, Ser. fiz -tekh. nav. no 4:131-133 '59.

LIPATOVA, VILIA

Ordinary heroes. F Lev. Moskva 3 no. 10:207-209 '59

LIPID METABOLISM

Influence of some vitamins on the lipid metabolism in atherosclerosis V V. Gorbachev Zdrav Belor. 5 no 12:22-25 D '59.

LIPIDS

Lipids of the adrenal cortex under normal conditions and in hypertension. M. P. Andreeva. Dokl. AN SSSR 132 no. 2:450-452 My '60.

Spectroscopic characteristics of biochemical shifts in liver lipids of irradiated rats. E. B. Burlakova and others. Dokl AN SSSR 132 no 2.467-469 My '60.

LIPKANY DISTRICT—AGRICULTURE

The most important condition for the further development of agriculture I Kirikoi Komm Mold 4 no 11 21-26 N '59

LIPOVO (TRANSCARPATHIA)—ATHEISM—STUDY AND TEACHING

In a Transcarpathian village. G. Karavaev. Bibliotekar' no. 5:48 My '60.

LIPS—DISEASES

Treatment of furuncles of the upper lip with a novocaine block [with summary in English]. M. P. Zhakov. Vest khir 83 no 11 95-96 N '59.

LIQUEFIED GASES—BIBLIOGRAPHY see Bibliography—Liquefied gases

LIQUEFIED GASES—TRANSPORTATION see subdivision under United States

LIQUEFIED PETROLEUM GAS

Bottled gas for agricultural needs. S. Stopalov, V. Minizon. IUn. tekh. 4 no. 11. 31-32 N '59.

LIQUID AIR

(see also subdivision under United States)

Cycle combining expansion and refrigeration for the liquefaction of air. S. S Budnevich, I. K. Kondriakov Trudy LTIKhP 15:27-38 '58.

LIQUID CRYSTALS

Thermodynamics of high polymers and liquid crystals. V. K. Semenchenko. Dokl. AN BSSR 3 no. 11:445-448 N 59.

LIQUID LEVEL INDICATORS

Selecting a level regulator diagram for marine steam boilers. M. Sh. Shifrin. Sudostroenie 25 no. 12:17-21 D '59.

UUZhEK-56 electric liquid level indicator IU V. Lukin, V. D. Maksakov. Prom energ. 15 no. 1 30-31 Ja '60

Water level indicator in the boiler drum. B. I Belolipetskii Sakh. prom 33 no 12 33-34 D '59

LIQUID METALS

Effect of oxygen on the surface tension of nickel and the wetting angle of aluminum oxide by nickel. V. N. Eremenko, IU. V. Naidich. Izv AN SSSR. Otd tekh. nauk. Met. i topl. no. 2:53-55 Mr -Ap '60.

Heat transfer during transition flow of liquid metals in pipes [with summary in English]. V. M. Deriugin, O. S. Fedynskii. Inzh. -fiz. zhur. no 12:3-10 D '59.

Heat transfer to a turbulent flow of liquid metal in case of a sinusoidal distribution of thermal load along the pipe [with summary in English]. V I. Petrovichev, S Kokorev Inzh. -fiz. zhur. no 12:20-25 D '59.

Method of experimentally investigating the rate of metal flow in foundry molds E. Z Rabinovich Izv vys. ucheb. zav , chern met no 3:185-188 '60.

Structure of chromium oxide and the equilibrium of its distribution in the liquid, iron - chromium - basic slag system A. I Pastukhov Trudy Ural. politekh inst no. 75:82-103 '59

Surface tension of molten iron-manganese and iron-sulfur. Van Tzin-tan, R. A. Karasev, A. M Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl no 2:49-52 Mr-Ap '60

LIQUID METALS—MEASUREMENT

Flowmeters for liquid metals. V. V. Arkhipov, P. N. Polokhin. Priborostroenie no 12,28-29 D '59.

LIQUID OXYGEN

CO_2 content of condensed oxygen. P. A. IAmnov, M. V. Es'kova, V. S. Azev. Kislorod 12 no. 6:43-46 '59.

The DK-50Zh expander-compressor and the DVD-9 high-pressure expander. V. L. Dmitriev. Biul. tekh. ekon. inform. no. 12:29-32 '59.

Sensitivity of mixtures of organic substances with liquid oxygen to impact pressure. Z. B. Basyrov. Kislorod 12 no. 6:13-23 '59.

LIQUIDS—THERMAL PROPERTIES

Heat conductivity of some organic liquids. V. P. Frontas'ev, M IA Gusakov Zhur. tekh. fiz. 29 no. 10:1277-1284 O '59

LISAKOVKA (KUSTANAY PROVINCE)—ORE DEPOSITS

Molibozhenko's ore. IAkov Shirokov Sov Kazakh 24 no. 2 78-81 F '58

LISHEV, VSEVOLOD VSEVOLODOVICH, 1877-

A remarkable sculptor. V. Boikov. Ogonek 38 no. 3:24 Ja '60.

LISICHANSK—CHEMICAL INDUSTRIES

They prepare for the 21st Congress of the Communist Party of the Ukraine. M. Levchenko. Znan. ta pratsia no. 12:1-2 D '59.

LISICHANSK—COAL GASIFICATION, UNDERGROUND

Calculation of the inscribed action radius of mine face motors and boring equipment in directed hole boring O. V. Kruglov, IU M. IUdborovskii Podzem gaz. ugl no. 4 42-46 '59

Results of industrial tests and certain operational characteristics of the BEU-1 boring rig G IA Vas'kovskii Podzem gaz. ugl no 4 49-52 '59

Underground investigation of the hydraulically fractured zone along the l_7 seam at the Lisichansk "Podzemgas" Plant. F G Tiutin Podzem gaz ugl no 4 22-25 '59

LISICHANSK—FISHES, FOSSIL

The ichthyodorulite of Ctenacanthus venator Chabakov, 1938 D. V. Obruchev. Paleont. zhur. no. 3:141 '59.

LISKI—RAILROADS—REPAIR SHOPS

On the road of technical progress. V. I. Krivopust and others. Elek i tepl. tiaga 3 no. 12:3-9 D '59.

LITERARY RESEARCH see subdivision under Crimea; Ukraine

LITERARY SOCIETIES see subdivision under Moscow

LITERARY STYLE see Style, Literary

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—COLLECTIONS

Baskina, A., comp. [Examples from life; works by foreign authors; a collection for recitation] Primery iz zhizni; proizvedeniia zarubezhnykh pisatelei; repertuarnyi sbornik. Moskva, Iskusstvo, 1959. 96 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 19) (MH)

[Indissoluble friendship; on the 10th anniversary of the Chinese People's Republic. Repertory selections for amateur art activities in the Army and Navy] Nerushimaia druzhba; k 10-letiiu Kitaiskoi Narodnoi Respubliki. Repertuarnyi sbornik dlia armeiskoi i flotskoi khudozhestvennoi samodeiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 135 p.

Purishev, B. I., comp. [Anthology of foreign literature; the Renaissance period] Khrestomatiia po zarubezhnoi literature; epokha vozrozhdeniia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Vol. 1. 1959. 676 p.

LITERATURE—HISTORY AND CRITICISM

(see also subdivision under Czechoslovakia)

Critic and publicist ("Literature and people"; collected articles by A Dymshits. Reviewed by N. Tamantsev). Neva no 10:212-213 '59

In spite of sense and reason. I. Astakhov. Neva no. 10: 197-202 '59.

Problems of literary genres and forms in the works of present-day foreign theoreticians. IE. I. Starynkevych. Rad. lit. no. 6:117-132 N-D '59.

Prutskov, N. I. [Problems in literary criticism] Voprosy literaturno-kriticheskogo analiza. Moskva, Izd-vo Akad. nauk SSSR, 1960. 200 p.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—MISCELLANEA

Mournful notes. Zvezda no. 1:220-222 Ja '60

LITERATURE—PHILOSOPHY

Sorokin, V. I. [Theory of literature (introductory course); teacher's manual] Teoriia literatury (vvodnyi kurs); posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960 [illegible] p.

LITERATURE—STUDY AND TEACHING

(see also subdivision under Rostov Province)

Experimental study of the character of Andrei [illegible] in the ninth grade; a search for objective methods. N. I. Beliaev Izv APN no. 109:141-155 '59

Experimental testing of a program of literature for the eighth grade M. A. Snezhnevskaia Izv APN no. 109: 49-66 '59.

Guidance of out-of-class reading in the eighth grade. M D. Pushkareva. Izv. APN no. 109:157-178 '59

Methodological studies of the teaching of literature as an academic subject. N. I. Kudriashev. Izv APN no. 109: 27-47 '59

Methods of literature as an academic discipline. N. I. Kudriashev. Izv. APN no. 109:3-20 '59

Organization and guidance of extracurricular reading. V. A. Kustareva. Nach. shkola 28 no. [illegible]

Supervision of literary reading lessons in the [illegible] grade on the subject of "Oral folk poetry" and "I. A. Krylov" G. K. Bocharov Izv. APN no 109:67-88 '59

Type of assignment for independent work in literary language experiment in the ninth grade N D [illegible] Izv. APN no. 109:113-140 '59.

LITERATURE—TEXTBOOKS

Experimental testing of four unpublished variants of a textbook for the study of literature in the [illegible] grade E V Kviatkovskii. Izv. APN no 109:179-[illegible]

LITERATURE, COMPARATIVE—SLAVIC AND WHITE RUSSIAN

A study of literary contacts ("Contacts of White Russian literature with the literatures of our Slavic neighbors in the second half of the 19th century" by M [illegible]. Reviewed by IU1. Pshyrkou). [illegible] '59.

LITERATURE AND COMMUNISM see Communism and literature

LITHIUM

Contact interaction of rare metal - lithium [illegible] with basic rocks. L. V Ginzburg Trudy [illegible] 154-182 '59

Reactions of tert. butyllithium with esters. A. [illegible] E. B. Sokolova, Kao Ching-lang. Zhur. [illegible] no. 4:1107-1117 Ap '60.

LITHIUM—MAGNETIC PROPERTIES

Measurement of the magnetic moment of Li [illegible] energ 8 no. 5:473-474 My '60.

LITHIUM BROMIDE

Investigating lithium bromide absorption and a [illegible] ing heat pump machine [with summary in English] L. Rozenfel'd, M. Karnaukh. Khol tekh [illegible] N '59.

LITHIUM CHLORIDE

Electrolysis of a solution of lithium chloride with the use of a mercury cathode. L. A. Alekseeva, G. I. Volk[illegible], E. I. Kus'kina. Zhur. prikl. khim. 32 no. 12:2807-[illegible] D '59.

LITHIUM FLUORIDE—SPECTRA

Mass spectrometric study of sodium chloride and lithium fluoride with the aid of a double effusion camera P. I. Akishin, L. N. Gorokhov, L. N. Sidorov Zhur [illegible] 33 no 12:2822-2823 D '59.

LITHIUM FLUORIDE CRYSTALS

Growth of activated crystals of lithium fluoride L. M. Beliaev and others. Kristallografiia 4 no 5 [illegible] S-O '59.

LITHIUM SULFATE

Fusibility diagram in a system of lithium, potassium and lead sulfates. E. L. Bakumskaia, A. G. Bergman. Zhur. neorg. khim. 4 no. 12:2739-2743 D '59.

Solubility in the system Li_2SO_4 - Na_2SO_4 - H_2O [illegible] N. V. Bodaleva, Hu K'e-yüan. Zhur. neorg. khim. [illegible] no. 12:2816-2819 D '59.

Solubility in the system Li_2SO_4 - Na_2SO_4 - $MgSO_4$ - [illegible] at 25°. I. N. Lepeshkov, N. N. Romashova. Zhur. neorg. khim. 4 no. 12:2812-2815 D '59.

LITHUANIA—GEESE

Reacclimatization of the graylag goose in the Zuvintas Preserve. M. Valius. Okh. i okh. khoz. 5 no. 11:[illegible] N '59.

LITHUANIA—GRASSES

Longevity of perennial grasses raised in drained peat bogs of Lithuania. K. Dringis. Trudy Bot. inst. Ser. 6 no. 7 201-206 '59.

LITHUANIA—JOURNALISM

Let us meet and be friends. I. Karosas. Sov. pech. no.12: 77-78 D '59.

LITHUANIA—MEDICINE

"Proceedings of a conference on problems in the history of medicine in Lithuania", "Uchenye Zapiski" of Vilnius State University, vol. 17, 1958. Reviewed by B. D. Petrov. Sov. zdrav. 19 no. 1:91-92 '60

LITHUANIA—PINE—DISEASES AND PESTS

Flatheaded borer Phaenops cyanea F.-br. and its control in the Lithuanian S.S.R. V. I. Valenta. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:74-77 '59.

LITTER (BEDDING)

Role of litter in the heat exchange of young farm animals [with summaries in English, German, and French]. A. P. Protopopov. Vest. sel'khoz. nauki 4 no. 12 18-57 D '59

LITTLE'S DISEASE see Paralysis, Spastic

LIUBERTSY—SCHOOL CHILDREN—FOOD

Milk in school. B. Sergeev. Moloch. prom. 20 no. 12: 19-20 D '59.

LIUBIMOV, VIKENTII DANILOVICH, d. 1959

V. D. Liubimov; obituary. B. V. Rozhdestvenskii and others. Lit. v shkole 20 no. 6:92 N-D '59.

LIVER

Anatomical and physiological data on the liver in Ibn Sina's "Canon of Medical Science." IU. S. Arzumetov. Izv. AN Uz. SSR. Ser. med. no. 6:72-76 '59.

Biomorphology of the liver in some herbivorous mammals. F. Kh. Khalilov. Nauch. dokl. vys. shkoly; biol. nauki no. 3:61-62 '60.

Influence of biomycin on liver function in the treatment of acute dysentery in children. M. V. Goloborodko. Vop. okh. mat. i det. 4 no. 6:85-89 N-D '59.

Influence of vitamin C on the carbohydrate function of the liver in radiation sickness. A. S. Iliukhov, V. S. Iliukhov. Zdrav. Belor. 5 no. 12:35-37 D '59

Liver function (condition of some metabolism processes) in patients operated on for various types of appendicitis. M. S. Salekhov. Azerb. med. zhur. no. 12:44-49 D '59.

Morphogenesis of the liver in the Black Sea salmon. A. G. Andreev. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no. 10: 177-182 '59.

LIVER—DISEASES

Acute hepatic insufficiency following surgery for portal-lienal splenomegaly. A. A. Gadzhiev, A. I. Mateosianta. Azerb. med. zhur. no. 12:60-68 D '59.

Change in the carbohydrate, protein, fat and lipoid, water and salt metabolism in patients with chronic diseases of the liver and biliary tract in the Dzhermuk Health Resort. T. S. Mustafaev, G. I. Agadzhanian. Azerb. med. zhur. no. 11:35-41 N '59.

Diet in liver diseases. I. Ganetskii. Obshchestv. pit. no. 12:52-54 D '59.

Effect of vitamin B_{12} on the state of liver cells in different forms of experimental dystrophy. R. A. Petrov. TSitologiia 1 no. 6:648-653 N-D '59.

Effectiveness of the treatment of chronic diseases of the liver and biliary tracts at the "Konche Zaspa" clinical sanatorium. D. I. Vizir, N. F. Shchepank. Vrach. delo no. 11 1157-1159 N '59

LIVER—INNERVATION

Osmoreceptors of the liver. L. K. Velikanova, IA. D. Finkinshtein. Fiziol. zhur. 45 no. 12:1472-1476 D '59.

LIVER—TUMORS

Cavernous hemangioma of the left lobe of the liver. S. S. IAritsyn. Nov. khir. zhur. no. 6:89-90 N-D '59.

Large cavernous hemangioma of the liver. N. M. Mosiichuk. Nov. khir. zhur. no. 6:88 N-D '59.

Resection of the left lobe of the liver for cavernous hemangioma. G. A. Belitskii. Nov. khir. zhur. no. 6:87-88 N-D '59.

Treatment of cavernoma of the liver. F. L. Goktin, P. IA. Markin. Nov. khir. zhur. no. 6:86-87 N-D '59.

LIVER EXTRACT

Drug therapy in experimental toxic hepatitis; use of campolon and vitamin B_{12} in carbon tetrachloride poisoning [with summary in English]. O. H. Petrovs'ka. Fiziol. zhur. [Ukr.] 5 no. 6:822-827 N-D '59.

LIVER FLUKE

(see also subdivision under Chuya Valley; Kuybyshev; Moldavia; Moscow Province)

New trematode species Concinnum taiiachensis nov. sp. (Dicrocoeliidae) from the liver of the marsh harrier (Circus aeruginosus L.) in Azerbaijan [in Azerbaijani with summary in Russian]. G. H. Kasimov, I. M. Valdova, N. A. Feizullaev. Dokl. AN Azerb. SSR 15 no. 11:1057-1059 '59.

Opisthorchiasis and diphyllobothriasis in Sverdlovsk Province [with summary in English]. L. K. Zerchaninov, L. K. Sokolova. Med. paraz. i paraz. bol. 26 no. 6:711-717 N-D '57.

LIZARDS

(see also subdivision under Tajikistan)

Malformations occurring in parthenogenetic reproduction of the lizard Lacerta saxicola Eversmann. I. S. Darevskii. Dokl. AN SSSR 132 no. 1:234-237 My '60

LOADING AND UNLOADING

Builders need bulldozer-mounted loaders. A. A. Vasil'ev. Mekh. stroi. 16 no. 12:16-23 D '59.

Contrivance for loading barrels into railroad cars. A. G. Razgil'deev. Ryb. khoz. 35 no. 10:51-56 O '59.

Effectiveness of the performance of loading and unloading operations by railroad equipment. K. N. Malakhov, V. V. Golubkov. Zhel. dor. transp. 41 no. 12:12-15 D '59

Loading of logs and lumber in dome-shaped piles without interlayers. A. I. Selivanova, V. A. Kopylov. Zhel. dor. transp. 41 no. 12:68-70 D '59

Mechanical unloading of salt from railroad cars. V. P. Olennikov, N. L. Kostianenko. Mash. zhir. prom. 26 no. 1:20-23 Ja '60.

Mechanization of the loading and unloading of meat. F. Sibgatullin. Mias. ind. SSSR 30 no. 3:40 '59

LOADING AND UNLOADING—BIBLIOGRAPHY see Bibliography—Loading and unloading

LOBODA, ANDRII MYTROFANOVYCH, 1871-1931

Academician A. M. Loboda as folklorist. P. M. Popov. Nar. tvorch. ta etn. 3 no. 3:52-59 Ap-Je '59.

LOCAL ANESTHESIA

Anesthesia of the upper respiratory tract in bronchography, bronchoscopy, and intratracheal administration of antibiotics [with summary in English]. V. I. Semenov. Sov. med. 23 no. 12:104-109 D '59.

Electrocardiographic changes in patients on the operating table before and after local anesthesia. A. E. Kucherenko. Nov. khir. zhur. no. 6:53-55 N-D '59

LOCAL ELECTIONS

Answering our readers' questions. Sov. deput. trud. no. 12:95-100 D '59.

LOCAL GOVERNMENT

(see also subdivision under Kazakhstan)

Comments and remarks. Sov. deput. trud. no. 12:75-79 D '59

Extending the jurisdiction of the province soviets of workers' deputies. N. P. Kantsheliev. Izv. vys. ucheb. zav.; prav. 1 no. 4 :41-49 '59

LOCAL TRANSIT

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie tramvaev i trolleibusov. [Safety regulations for urban electric transportation systems] Pravila tekhniki bezopasnosti na gorodskom elektrotransporte. Moskva, Izd-vo M-va kommun. khoz. RSFSR.

Section 2. [Streetcars and trolley buses, lines, and repair shops] Podvizhnoi sostav tramvaia i trolleibusa, depo, remontnye masterskie, 1959. 123 p.

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie tramvaev i trolleibusov. [Safety regulations for urban electric transportation systems] Pravila tekhniki bezopasnosti na gorodskom elektrotransporte. Moskva, Izd-vo M-va kommun. khoz. RSFSR

Section 3. [Traction substations] Tiagovye podstantsii. 1959. 119 p.

Russia (1917- R.S.F.S.R.) Glavnoe upravlenie tramvaev i trolleibusov. [Safety regulations for urban electric transportation systems] Pravila tekhniki bezopasnosti na gorodskom elektrotransporte. Moskva, Izd-vo M-va kommun. khoz. RSFSR.

Section 7. [Organization of streetcar and trolley bus traffic] Organizatsiia dvizheniia tramvaia i trolleibusa. 1959. 15 p.

LOCOMOTIVE BOILERS

Operation of the mixer feedwater heater on SO locomotives. V. F. Koptikin. Zhel. dor. transp. 41 no. 12:74-75 D '59.

LOCOMOTIVE ENGINEERS

The roads which we choose. Lidiia Vichkanova. Moskva 3 no. 9:151-159 '59.

LOCOMOTIVES—DYNAMICS

Rolling resistance of cylindrical solids, account being taken of the friction force, under conditions of the three dimensional problem in the theory of elasticity. Z. Z. Rudakov. Izv. vys. ucheb. zav.; mashinostr. no. 5: 143-148 '59.

LOCOMOTIVES—LUBRICATION

Lubricating oils for the cylinders of locomotive steam engines. L. E. Blishchenko, S. A. Petrov. Trudy TSNII MPS no. 180:114-138 '59.

LOCOMOTIVES—MAINTENANCE AND REPAIR

(see also subdivision under Petropavlovsk)

Wear of the tires of narrow-gauge steam locomotives. V. A. Galiamichev. Trudy LTA no. 83:75-82 '59.

LOCOMOTIVES—SPRINGS

Efficient dimensions of preset clearances between the leaves of locomotive springs. N. P. Ustinov, L. K. Prokopenko. Trudy MIIT no. 110:181-191 '59.

Estimating the fatigue strength of locomotive springs. L. K. Prokopenko. Trudy MIIT no. 110:151-180 '59.

LOESS

(see also subdivision under Central Siberian Plateau; Ukraine; White Russia)

Designing and constructing large-panel buildings on sagging loess soils. V. I. Krutov, E. A. Sorochan. Osn., fund. i mekh. grun. no. 6:3-5 '59.

Settling of loess and other fine soils. IU. V. Krylkov. Dokl. AN Tadzh. SSR 2 no. 3:25-29 '59.

LOESS—TESTING

Changing the porosity of loesslike sagging soils. L. G. Balaev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6:77-81 '59.

LOGGING (GEOLOGY)—EQUIPMENT AND SUPPLIES

Automatic logging station. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 11:84 '59.

Logging combine has been constructed. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 11:82 '59.

LOGIC

Dialectic, dialectical method and dialectical logic. M. N. Alekseev. Vest. Mosk. un. Ser. ekon., filos., prava 15 no. 4:127-136 '59.

Gortari, Eli de. [Introduction to dialectical logic. Translated from the Spanish. Preface by E. K. Voishvillo] Vvedenie v dialekticheskuiu logiku. Moskva, Izd-vo inostr. lit-ry, 1959. 350 p.

Voishvillo, E. K. [Subject and significance of logic] Predmet i znachenie logiki. [Moskva] Izd-vo Mosk. univ., 1960. 54 p.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. [Lomonosov, articles and other material] Lomonosov; sbornik statei i materialov. Moskva.

Vol. 4. 1960. 404 p.

LONDON—CHORAL SOCIETIES

Greetings from N. S. Khrushchev to the participants in the International Concert of Children's Choruses in London. Sov. muz. 24 no. 1:3 Ja '60.

LONDON—FIRES AND FIRE PREVENTION

Burning of a market. Pozh. delo. 5 no. 12:31 D '59.

LONGEVITY

There are 11,000 people over ninety years old. IU. Spasokukotskii. Znan. sila 34 no. 11:16-18 N '59.

LONGICORN BEETLES

Plavil'shchikov, N. N. [Longicorn beetles] Zhuki-drovoseki. Moskva, Izd-vo Akad. nauk SSSR. (Fauna SSSR, no. 70)

Part 3: [Subfamily Lamiinae] Podsemeistvo Lamiinae, Part 1. 1958. 591 p.

LOOKING-GLASSES see Mirrors

LOOMS

The At-120-1-type automatic loom. K. I. Zhivov. Biul. tekh.-ekon. inform. no. 12:11-12 '59.

Warp-thread moving mechanism of a loom designed by the Sulzer Company. V. A. Chernikh, M. S. Seliverstova. Izv. vys. ucheb. zav.; tekhnol. tekst. prom. no. 5:67-73 '59

LOTOTSKII, BORIS VENIAMINOVICH, 1900-1959

Boris Veniaminovich Lototskii, 1900-1959; obituary. E. N. Pavlovskii and others. Izv. Otd. est. nauk AN Tadzh. SSR no. 1:91-94 '60.

LOUD-SPEAKERS

Sound reproducing apparatus with an ionophone. F. Plotkin, B. Karateev, V. Pitulin. Radio no 12:18-23 D '59.

LOVAT' VALLEY—CROSSOPTERYGII, FOSSIL

Platycephalichthys, a new genus of crossopterygian fishes from the upper Devonian of the Lovat' River. E. I. Vorob'eva-Blokhina. Paleont. zhur. no. 3:95-106 '59.

LOVOZERO REGION—ELATOLITE

Elatolite from Malyy Punkaruayv Mountain in the Lovozero tundra. I. V. Bussen. Izv. Kar. i Kol'. fil. AN SSSR no. 3: 141-142 '59.

LOVOZERO REGION—LUJAURITES

Intrusion of nuemanite porphyraceous lujaurites in the Lovozero alkaline massif. I. V. Bussen. Izv. Kar. i Kol'. fil. AN SSSR no. 1:38-47 '59.

LOW BLOOD PRESSURE see Hypotension

LOW TEMPERATURE ENGINEERING

General engineering and geocryological examination of permafrost regions of the U.S.S.R. and construction methods used on permanently frozen ground. I. D. Bondarev. Probl. Sev. no. 3:24-50 '59.

Principles underlying the division of the permafrost area into regions for the purpose of thermal elimination of permafrost conditions in soils and frozen rocks. S. M. Fotiev. Trudy Inst. merzl. AN SSSR 16:150-159 '60.

LOWER TUNGUSKA VALLEY—FOREST FIRES—PREVENTION AND CONTROL

Forest fires and their control in the Lower Tunguska Valley N V Kornil'ev Izv vys ucheb zav , les zhur 2 no 5 30-34 '59

LOY-SU VALLEY—SILICATES

Find of maserite in the U.S.S.R. B.I.Ryzhov, V.A. Moleva Dokl.AN SSSR 131 no 6 1420-1422 Ap '60

LOYALTY OATHS

Sharpilo, P.N. [Sacred duty] Sviashchennyi dolg. Moskva, Voen.izd-vo M-va obor.SSSR, 1959 94 p.

LOZOVEN'KA RESERVOIR—BENTHOS

Bottom fauna of a minor reservoir on a small river [with summary in English] V B Zakharenko Zool zhur. 38 no 1·15-22 Ja '59

LU HSIN, 1881-1936

"Lu Hsin, his life and works (1881-1936)" by L.D. Pozdneeva Reviewed by E A Tsybina [with summary in English] Probl vostokoved no 2 200-202 '60.

LUBRICATION AND LUBRICANTS

Accelerated method for testing diesel engine lubricating oils in test engines E N Firsanova S G Arabian Trakt i sel'khozmash no 1 12-16 Ja '60

Apparatus for evaluating adhesive properties of greases. D V Faerman Zav lab no 11·1396 '59

Approval has been given for the use of graphite grease for the lubrication of rail bonds V B Kantor, G I Koliada Put' i put khoz no 11 12-13 N '59

Changes in the mechanical properties of commercial greases when used in combination with each other S M.Meshchaninov, N P Zabelina Proizv smaz mat no 5 41-54 '59

Compressor oil from sulfur-bearing crude. P M.Golenev. Standartizatsiia 23 no.11 45-46 N '59.

Current lubricant production techniques should be modified. A, M, Kuliev and others. Neftianik 3 no. 9 16-18 S '58.

Determining the acid content of diesel oils by potentiometric titration using a glass electrode V.V Vasil'eva, Trudy TSNII MPS no 180 139-144 '59.

Eminov, E.A., ed. [Manual on the uses and consumption standards of lubricants] Spravochnik po primeneniiu i normam raskhoda smazochnykh materialov Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 703 p.

Improved lubricant for roller bearings used in railroad rolling stock V S.Shadikian and others. Biul.tekh -ekon.inform no. 11.70-71 '59.

Investigating lubricating greases for axle box roller bearings for rolling stock. V.S.Shadikian and others Trudy TSNII MPS no 180 4-42 '59

Investigating truck-tractor transmission oils G I Skundin Trakt i sel'khozmash no 1 5-8 Ja '60

Lubricant anticorrosion additive. T.Slichko. Neftianik 4 no 12·27 D '59

Lubricant for steel cables. T.I.Pylaeva, E.P.Dobrobozhenko. Proizv.smaz.mat. no.5 13-20 '59.

Mechanized fueling and lubricating of building machinery I.N.Ioramashvili Mekh.stroi. 17 no.1,25-27 Ja '60.

Method for evaluating the volatility of plastic lubricants V V Sinitsyn, K K.Papok, B S.Zuseva. Zav lab. no 11·1349-1351 '59

New thermostable metallurgical grease. G.IA.Etnin. Proizv.smaz.mat. no.5·55-58 '59.

Oil-mist lubrication. A.S Saverskii. Vest.mash. 40 no.1 11-16 Ja '60.

Preparation of soap greases in a continuous unit R.M Nikolaeva, E M Oparina, G N Tropkina. Khim i tekh. topl i masel 5 no 1·19-23 Ja '60

Properties of mixtures of plastic greases. G.V.Vinogradov, V V.Sinitsyn Khim. i tekh topl i masel 5 no. 1;27-32 Ja '60

Purifying spindle oil in a combined mixer. A.P.Beliachkov. Neftianik 3 no.8·25-26 Ag '58.

Repair and regulation of the lubrication system of D-54 engines. V.R.Hubko. Mekh.sil'.hosp. 11 no.1.17-19 Ja '60.

Useful book ("Fuels and lubricants" by N N.Speransova Reviewed by A.Stekhun). Tekh v sel'khoz 20 no.1 92-93 Ja '60.

LUBRICATION AND LUBRICANTS—ADDITIVES

Brief news. Khim.i tekh.topl.i masel 5 no.1:72 Ja '60.

Composition of alkyl phenols used in the preparation of additives to lubricants O V Kal'nitskii, V.N.Monastyrskii. Khim i tekh topl i masel 5 no 1:35-43 Ja '60.

Inhibition of the thermal destruction of oils thickened by viscous additives, using antioxidants. S.S.Al'tman. Proizv.smaz.mat. no.5·20-26 '59.

Oil additives for automobile V-engines for preventing the pitting and scoring of push rods (survey). A.B Vipper. Khim. i tekh.topl i masel 5 no 1·68-70 Ja '60.

Preparation of antiwear sulfur-containing additives based on ethylene sulfide and fatty acids. IA.M.Slobodin, S.Al'tman, K.D.Tammik Proizv smaz.mat no.5 3-63 '59

stability to depolymerization of viscous additives in thickened oils N.I Kaverina, E.G Semenido, N.V.Shchegolev Khim i tekh topl i masel 5 no. 1·43-47 Ja '60

Synthesis of high-sulfur antiwear additives. A.S.Grigor'eva, S.S.Al'tman. Proizv.smaz.mat. no.5·3-13 '59.

LUBRICATION AND LUBRICANTS—TESTING

New four-ball friction machine for evaluating the wear-resistant properties of lubricating oils I G TSurkan, G V Vinogradov Zav lab no 11·1394-1396 '59

LUCHINSKII, NIKOLAI DMITRIEVICH, 1899-

Nikolai Dmitrievich Luchinskii; on his 60th birthday. Mekh i elek.sots sel'khoz. 17 no 6.58-59 '59.

LUCITE

Production of oriented polymethyl methacrylate and manufacture of workpieces based on it. B.V.Petrov, V.A.Kargin, M.M.Gudimov. Vest.mash. 40 no.1 70-75 Ja '60.

LUGANSK—INDUSTRIAL SAFETY

In Lugansk Economic Council. K.Galushko. Bezop. truda v prom. 4 no.1 37 Ja '60.

LUGANSK PROVINCE—CHEMICAL INDUSTRIES

Raising the technical level of the chemical industry of the Lugansk Economic Council. G.I.Vilesov. Khim.prom. no.6;463-468 '59.

Toward a great chemical industry. H.Vilesov. Nauka i zhyttia 9 no.12;29-32 D '59.

LUGANSK PROVINCE—COAL MINES AND MINING

Discountinuous mine operation. IA.Puchkov, D.Kovalev. Mast.ugl. 8 no.2;9-10 F '59.

LUGANSK PROVINCE—COAL MINING MACHINERY

Lugansk hydraulic cutter-loader. P.Romenskii. Mast. ugl. 8 no.2;15 F '59.

LUGANSK PROVINCE—PLANT LICE

Plant lice from trees and shrubs of Lugansk Province. L.I Fomicheva. Uch zap.MGZPI 2 90-95 '59

LUJAURITES see subdivision under Lovozero region

LUMBER—DRYING see subdivision under Canada

LUMBER—TRANSPORTATION

Construction and maintenance train of logging railroads Kh Kh.Siundiukov, V P Trusov. Put' i put khoz no 12 27 D '59

Determining the average distance for the direct hauling of timber by S-80 tractors Z B Vasil'ev Izv vys ucheb zav.,les.zhur 2 no 6·85-93 '59.

Effect of small mixed brigades on the work of logging railroads. S.S.Petrov. Nauch.dokl.vys.shkoly, lesoinzh.delo no.2;146-148 '59.

Fuel economy of lumber transportation units. V.B. Prokhorov Trudy LTA no.83;39-42 '59.

Increase lumber transportations by mixed railroad-waterway communications. M.F.Lavrent'ev, N.V.Ezhov. Rech.transp. 18 no.12·11-14 D '59.

Influence of rotating masses in lumber transportation. E.M Churova. Trudy LTA no.83·225-229 '59.

Loading of logs and lumber in dome-shaped piles without interlayers. A.L.Selivanova, V.A Kuprin. Zhel.dor. transp. 41 no 12·66-70 D '59.

LUMBER TRADE

Foreign trade of the U.S.S.R. in lumber. N.A.Lur'e. Les.prom. 37 no.12;28-29 D '59

Vaganov, V.V., V.E.Safonov, and G.P.Mironov. [Manual for workers in the exportation of lumber] Posobie dlia rabotnikov po eksportu lesomaterialov. Moskva, Goslesbumizdat, 1960. 203 p.

LUMBER YARDS

Romanchenko, G.N. [Arrangement and operation of mine lumber yards] Ustroistvo i ekspluatatsiia rudnichnykh lesnykh skladov; spravochnoe rukovodstvo. Moskva, Gos.nauchno-tekhn izd-vo lit-ry po gornomu delu, 1959. 119 p.

LUMBERING

(see also subdivision under Kirov Province, Leningrad Economic region; Sverdlovsk Province)

Against routine shortcuts in technical, industrial, and financial planning V.Kuznetsov. Les.prom. 37 no.12; 24 D '59

Determining the force of impact of the falling of trees on the means of transportation. S.F.Orlov, A.A.Deberdeev. Nauch.dokl.vys.shkoly, lesoinzh.delo no.2;81-85 '59.

Do away with formalism in planning. V.G.Koksharova. Les.prom 37 no 12.25-26 D '59.

Dynamics of the felling of trees. A.A.Deberdeev. Trudy LTA no.83.43-59 '59.

For better planning at logging enterprises. Les.prom. 37 no.12;23-24 D '59

For improved planning within shops. M S.Sumachev. Les.prom 37 no 12 26 D '59

Handling tree-length logs at timber transshipment combines A N.Pimenov, N I Lebedev Izv vys ucheb. zav .les.zhur. 2 no 6:54-59 '59.

In economic regions. Les.prom. 37 no 12;30-31 D '59.

[Manual for classification and qualifications for operations and occupations in logging, log-rafting, and tree tapping] Tarifno-kvalifikatsionnyi spravochnik rabot i professii rabochikh na lesozagotovkakh, lesosplave i podsochke lesa. Moskva, Goslesbumizdat, 1960. 145 p.

More independence to logging enterprises. I. [illegible] Les prom 37 no 12 25 D '59

Piling full-length logs in large bundles V. S. F[illegible], V N.Gorbunov Les prom. 37 no 12 10-11 D '59

Plan for production organization in the basis of the technical, industrial, and financial plan R. K[illegible] Les prom 37 no 12·26 D '59

Plans should be stable. N. M. Kudriavtsev Les [illegible] 37 no.12;21-25 D '59

Recent changes in technical, industrial, and financial planning E. P. Tikhomirova. Les.prom. 37 [illegible] 27-28 D '59

Research trends in lumbering. A. N. Pesotskii Izv [illegible] ucheb zav , les zhur 2 no 5 106-111 '59

Simplify the evaluation of logging areas. A. N. [illegible] Les. khoz. 12 no. 12 60-70 D '59.

LUMBERING—ACCOUNTING

Methods of calculating production costs in forestry and lumbering. P. IA. Ostrovskii. Nauch. dokl. vys. [illegible] lesoinzh. delo no. 2;76-80 '59.

LUMBERING—COSTS

Strive for the reduction of costs. IA. N Chuiko Les. [illegible] 37 no 12 27 D '59

Zimin, I.I. [Analysis of the cost of goods produced in logging enterprises] Analiz sebestoimosti promyshlennoi produktsii v lespromkhoze. Moskva, Goslesbumizdat, 1959. 57 p.

LUMBERING—EQUIPMENT AND SUPPLIES

Automatic grabs. A. Mazurenko Les prom [illegible] 12-13 D '59

Using magnetic recording in the synchronous tracking memory device for automatic sorting of the lumber in lumberyards. G. A. Vil'ke. Nauch. dokl. vys. shkoly, [illegible] delo no. 2;86-91 '59.

LUMBERING—LAW AND LEGISLATION

Obsolete regulations N. P. Tishin Les. prom. [illegible] 30 D '59

LUMBERING—MACHINERY

Ability of logging trucks to cross vertical [illegible] G. M. Parfenov. Nauch. dokl. vys. shkoly, [illegible] no. 2;118-122 '59.

Automatic bucking of mine timber and props. [illegible] galler and others. Mekh. i avtom. proizv. 13 [illegible] 19-23 D '59.

Basic indicators of the effectiveness of [illegible] equipment in lumbering. V. B. Prokhorov [illegible] no. 83·27-37 '59.

Calculations for head spars in lumber skidding [illegible] manov Izv. vys ucheb. zav , les. zhur 2 [illegible] '59.

Economic effectiveness of various methods for [illegible] timber from mountains and hauling it to [illegible] Ligus Mikulash. Nauch. dokl. vys. shkoly, [illegible] no. 2;104-109 '59.

Increasing the productivity of felling and skidding [illegible] A. M. Gol'dberg. Trudy LTA no. 83·5-10 '59.

Interaction between logs and skidding machinery [illegible] Petrusha. Trudy LTA no. 83;83-90 '59.

Investigating the dumping process of loaded grabs [illegible] Tauber. Nauch. dokl. vys. shkoly; lesoinzh. delo [illegible] 92-96 '59.

Machine unit for piling, loading and rolling of logs in heavy bunches. A. N. Faller. Mekh. i avtom. [illegible] no. 12;15-17 D '59.

Mechanical log hauler. K. F. Gorokhovskii [illegible] shen'. Les. prom. 37 no. 12;13-15 D '59.

Mechanized hauling of full-length lumber on logging [illegible] Les prom 37 no. 12·12 D '59

Mechanized loading of logs on the hauler. A [illegible] Les prom. 37 no 12;22 D '59

Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Summary of the technical characteristics of new lumbering machinery and equipment from the Central Scientific Research Institute for Mechanization and Power Engineering in the Forest Industry] Kratkie tekhnicheskie kharakteristiki novykh lesozag[illegible] mashin i oborudovaniia konstruktsii TSNIIMF. [M] 1958. 120 p.
(CtY)

New technological process in lumbering based on [illegible] of felling and skidding machines. E. IA. [illegible] Trudy LTA no. 83;61-64 '59.

Over-all mechanization of lifting and conveying operations at lumber-transshipment bases. A. N. [illegible] N. I. Lebedev. Mekh. i avtom. proizv. 13 no. 12 [illegible] D '59.

Over-all mechanization of loading, unloading, and [illegible] operations with lumber. V. D. Osipov. Mekh. i avt. proizv. 13 no. 12;25-28 D '59.

Parameters for the log bucking and sorting [illegible] Vasil'ev, N V. Livshits. Izv vys ucheb zav. [illegible] 2 no. 5 90-105 '59

Provide the lumbering industry with modern [illegible] V. A. Zykov. Les. prom. 37 no 12 18-19 D '59

LUMBERING — MACHINERY (Continued)

Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti. TSentral'noe biuro tekhnicheskoi informatsii. [Technical characteristics of machines and mechanisms used in lumbering] Tekhnicheskie kharakteristiki mashin i mekhanizmov na lesozagotovkakh. [Moskva] 1956. 294 p.
(CtY)

Specialized machinery and equipment for lumbering. V.B. Prokhorov. Trudy LTA no 83:11-26 '59.

Tasks of technical progress in the lumbering industry. G M. Orlov Les. prom 37 no. 12 1-6 D '59.

Volodenkov, F. L [Mechanization of operations in riverside storage areas] Mekhanizatsiia rabot na prirechnykh skladakh. Moskva, Goslesbumizdat, 1958. 50 p. (Obmen peredovym opytom)

LUMINESCENCE

"Candoluminescence" and surface recombination emission of phosphors in an atmosphere of an active gas A N. Gorban', V A Sokolov Opt i spektr 7 no 4:569 O '59

Changes in the luminescence of NaCl crystals as a result of activation by nickel by the electrolysis method. E.I. Shmaleva. Izv vys ucheb zav.; fiz. no.5:80-82 '59.

Growing transplants under luminescent lamps. N.N. Astaf'ev, V.A. Pichak, A A. Makhan'ko Sad i og. 97 no. 11 23-25 N '59.

Investigation of the electroluminescence of ZnS-Cu monocrystals V E Oranovskii, B A. Khmelinin Opt i spektr. 7 no. 4:542-546 O '59.

Luminescence of dyes of the porphine series. G. P. Gurinovich Trudy Inst. fiz. i mat AN BSSR no. 3:111-130 '59

Luminescence of impurity centers. Part 2. A. M. Ratner. Fiz. tver. tela 1 no 11:1707-1716 N '59

Photochemical stability of the luminescence of high molecular weight petroleum fractions. L. D. Melikadze, E. A. Usharauli, D. G. Chavchanidze. Trudy Inst. khim. AN Gruz. SSR 14:165-176 '58.

Vitrification of polymers and the phenomenon of luminescence. E. V. Anufrieva, M. V. Vol'kenshtein, T. V Razgovorova Opt. i spektr 7 no 4:505-510 O '59

LUNAR ECLIPSES see Eclipses, Lunar

LUNAR PROBES

Around the moon. B. Daniiin. Kryl. rod. 10 no. 11:3-4 N '59.

Best photographs of the sodium cloud. Vest. AN Kazakh. SSR 15 no 11:97 N '59.

The great deed of Soviet science. Inostr. iaz. v shkole no 6:8-9 N-D '59.

Greetings of the Central Committee of the CPSU and the Council of Ministers of the U. S. S R. to scientists, designers, engineers, technicians, workers, and to all who participated in the creation and launching of the second Soviet cosmic rocket to the moon. Moskva 3 no. 9:3 '59.

Here she is, the moon seen from the other side! IUn. tekh. 4 no. 12:6-9 D '59.

Investigation of interplanetary ionized gas, high energy electrons, and solar corpuscular radiation by means of three-electrode traps for charge-carrying particles, installed on the second Soviet cosmic rocket. K. I. Gringauz and others. Dokl. AN SSSR 131 no. 6:1301-1304 Ap '60.

Moon reveals its secrets F. Sigel' Znan. sila 34 no 12:17-18 D '59.

A new glorious triumph of the Soviet conquerors of space. Sem'ia i shkola 14 no. 12:3 D '59.

New stage in the conquest of space. Rus. iaz. v shkole 20 no. 6:6-7 N-D '59.

Outstanding achievement of Soviet science and technology. Grazhd. av. 16 no. 9:2 of cover S '59.

Radioastronomical data from the second Soviet space rocket. V. V. Vitkevich and others. Dokl. AN SSSR 132 no. 1:85-88 My '60.

Response by N S Khrushchev to letters and telegrams received in connection with his trip to the United States. Moskva 3 no 9:4-5 '59

Second face of the moon. Znan. sila 34 no. 11:3 N '59.

Third space rocket. IU. N. Nechaev. Vest. Vozd. Fl. no 12:55-58 D '59.

Triumph of Soviet science. Lit. v shkole 20 no. 6:3-5 N-D '59.

Unparalleled scientific feat Radio no. 12:3-4 D '59.

The way into space is open. A. IAkovkin. Ukraina no. 23:7-8 D '59.

LUNAR PROBES—BIBLIOGRAPHY see Bibliography—Lunar probes

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

Withstanding the trials of time ("Articles and speeches on the problems of international politics" by A. V. Lunacharskii. Reviewed by F. Leonov). Mezhdunar. zhizn' 7 no. 5:149-150 My '60.

LUNGS

In vivo fluroescence microscopy of the mouse lung [with summary in English]. P. E. Moroz. Zhur. ob. biol. 20 no. 6:469-476 N-D '59.

Morphological study of the resected portions of the lungs in patients with mitral stenosis T A Lur'e-Pokrovskaia. Nov khir zhur. no 6:31-38 N-D '59

Structure of the lung and nomenclature of its segments [with summary in French] K. V. Pomel'tsov Probl tub 37 no 7:20-28 '59

LUNGS—COLLAPSE

Analysis of materials for the clinical cure of destructive forms of tuberculosis of the lungs by artificial pneumothorax, and antibacterial preparations alone and in combination [with summary in French] D. S. Murav'ev Probl. tub. 37 no. 7 40-48 '59.

LUNGS—DISEASES

Case of chronic lymphadenosis with massive leukemic lesions of the lung tissue and formation of cavities [with summary in English, p 58] L A. Danilova, G A TSukerman, V V. Barakov. Probl. gemat i perel krovi 4 no 12 47-50 D '59.

The immunology of plague. Report No. 27: Results and prospects of treatment of primary pulmonary plague. N. N. Zhukov-Verezhnikov, N K. Zav'ialova. Klin. med. 37 no 12 33-37 D '59

Influence of tuberculin on blood proteins in tuberculous and nontuberculous patients [with summary in English]. A E. Rabukhin, R. A. Ioffe Klin. med 37 no. 12:70-75 D '59

Loeffler's syndrome. F. A. Mikhailov. Klin. med. 37 no. 12:29-32 D '59.

Problem of conservative treatment of patients with suppurative diseases of the lungs [with summary in English] G I Burchinskii Vrach delo no. 11 1147-1153 N '59.

LUNGS—DUST DISEASES

Blood protein fractions in pneumoconiosis [with summary in English]. M I. Okun', B S. Rodkina, A. M. Baru. Klin. med. 37 no. 12:113-117 D '59.

Dust diseases of the lungs (pneumoconiosis) in workers of the iron ore and coal industries [with summary in English]. K. G Abramovich, L N. Khizhniakova Klin med 37 no 12:118-123 D '59.

Nonoccupational pneumoconioses [with summary in English] N G. Lupu, C Velican. Klin. med. 37 no. 12 107-112 D '59.

Respublikanskaia nauchno-tekhnicheskaia i meditsinskaia konferentsiia po bor'be s silikozom. Alma-Ata, 1957 [Materials on a Republic Medical and Technical Conference on Silicosis Control] Materialy. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 223 p.

Some problems in the etiology and pathogenesis of silicosis B. A Katsnel'son. Gig truda i prof. zab 3 no 6 49-54 N-D '59

LUNGS—INNERVATION

Changes in the neural apparatus of the pulmonary tissue due to various influences on the cerebral cortex. T G. Oganesian Arkh. anat gist. i embr 37 no. 10:77-79 '59.

LUNGS—RADIOGRAPHY

Use of transverse tomography in pulmonary tuberculosis [with summary in English]. B. I. Brium, N. A. Rabukhina. Klin med. 37 no 12:64-70 D '59.

LUNGS—SURGERY

Resection of the lung in tuberculosis in sanatoria [with summary in French]. N. L. Shinder Probl. tub. 37 no. 7:50-52 '59.

Review of V. I. Struchkov's "Surgery in chronic suppurative diseases of the lungs," G. A. Orlov. Vest. khir. 83 no. 11:129-131 N '59.

Traumatic pericarditis following pneumonectomy in children. B. N. Semenov. Vop. okh. mat. i det. 4 no. 6:85 N-D '59.

LUNGS—WOUNDS AND INJURIES

Wound of the pericardium and lung. D. O. Mil'kov. Nov. khir. zhur. no. 6:115-116 N-D '59.

LUNIN, VIKTOR IGAAT'EVICH, 1843-1913

Some pages from the life and activities of the revolutionary democrat V. I. Lunin. B. P. Baluev. Ist. SSSR 3 no. 6:129-134 N-D '59.

LUPINE

Increasing the productivity of spruce-whortleberry forests by planting perennial lupine for the purpose of improving the biological cycle of nitrogen and ash elements. B. D Zhilkin. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:28-31 '59.

LUTIDINE

Preparation of α,β'-lutidine. N. S. Prostakov, K. S. Kvasnevskaia. Zhur. prikl. khim. 32 no. 12:2820-2822 D '59.

LUZHANIN, MAKSIM, pseud. see Karatai, Aliaksandr, 1909-

L'VOV, NIKOLAI ALEKSANDROVICH, 1751-1803

N. A. L'vov. E. Rogov. Mast. ugl. 8 no. 3:23 Mr '59.

LVOV—ETHNOLOGICAL MUSEUMS AND COLLECTIONS

Twenty years of work of the Ukrainian Museum of Ethnography and the Art Industries of the Academy of Sciences of the U. S. S. R. P. Zholtovs'kyi. Nar. tvorch. ta etn. 3 no. 3:141-142 Jl-S '59.

LVOV—GUIDEBOOKS

Pashuk, A. I., and I. S. Derkach. [Lvov' guidebook] L'viv; putivnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 147 p.
[MICROFILM]

LVOV PROVINCE—HOURS OF LABOR

Shortened workday at the reinforced concrete plants. A. Ostafinskii. Ekon. stroi. no. 12:43-46 D '59.

LVOV PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Makivka, S. A. [Ivan Franko People's Guard; 13 recollections of the underground] Narodna gvardiia imeni Ivan Franka, 13 spohadiv pidpil'nyka. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 125 p.

LVOV-VOLYN' BASIN—BAUXITE

Jurassic sediments containing bauxites in the Lvov-Volyn' Basin [with summary in English]. T. O. Boldyrieva Dop. AN URSR no. 11:1255-1257 '59.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Wide and narrow face working under conditions of the volyn' coal deposit V T IArmoliuk Ugol' Ukr. 3 no 12 11-12 D '59.

LVOV-VOLYN' BASIN—MINE ROOF BOLTING

Reinforced concrete anchor bolting in swelling grounds. G. A Maevskii, E. T Mitasov, I S Serpokryl Ugol' Ukr 3 no 12 31-33 D '59

LYMPHATICS

Blood and lymph flow dynamics in the isolated kidney [with summary in English]. J. Laszlo. Fiziol. zhur. 45 no. 12:1454-1461 D '59.

Effect of innervation disorders on the development of collateral lymph circulation following the resection of lymphatic vessels [with summary in English] Sung Ching-ch'i. Arkh anat gist i embr 37 no. 10:24-28 O '59.

Morphological and functional characteristics of the lymphatics of the synovial membranes of the knee joint as related to absorption from the joint cavity. V. N. Pavlova. Uch. zap. MGZPI 2 50-53 '59.

Morphological bases of the direction of lymph flow in the human abdominal cavity L. S. Bespalova. Nov. khir. zhur. no 6:69-74 N-D '59

Some features of the morphology of efferent vessels of the visceral lymph nodes in the abdominal cavity in mammals [with summary in English] N. V. Krylova Arkh. anat gist. i embr 37 no. 10:67-73 O '59.

Spirov, M. S. [Classification of the lymph nodes of the human abdominal cavity] Klassifikatsiia limfaticheskikh uzlov briushnoi polosti cheloveka. Kiev, Gos. med. izd-vo USSR, 1959. 138 p.

LYMPHATICS—PUNCTURE

Diagnostic significance of puncture of the lymphatic nodes in tuberculosis [with summary in English]. I. I. Umanskii. Klin. med. 37 no 12:99-102 D '59.

LYMPHATICS—TUBERCULOSIS

Some clinical, diagnostic, and therapeutic problems in tuberculosis of the intraperitoneal lymph nodes. N. A. Podgorodnikova. Sov. med. 23 no. 12:89-94 D '59.

LYMPHATICS—TUMORS

Giant lympho-follicular hyperplasia of the mesenchyma of the Brill-Symmers type in so-called collagen disease. L. Teicharov. Klin. med. 37 no. 12:124-129 D '59.

LYMPHATISM

Medicolegal evaluation of a thyrolymphatic condition G IA Pekker Sud.-med ekspert. 2 no 1:22-27 Ja-Mr '59

LYMPHOGRANULOMA see Hodgkin's Disease

LYN'KOU, MIKHAS', 1899-

Faithful work for our people. I. Zhydovich Belarus' 16 no 11 13 N '59

Master of White Russian prose. I. Zhydovich, V. Kazlova. Sav. shkola no. 6:13-23 N-D '59.

LYUBERTSY DISTRICT—CIVIC IMPROVEMENT

This is the fault of other agencies as well as of our soviet. T. Makarova. Sov. deput. trud. no. 12:72-74 D '59.

LYUBLINO—APARTMENT HOUSES

First house built of prefabricated room-units. Arkhit. i stroi. Mosk. 8 no. 12:13 D '59.

LYUBLINO—PRECAST CONCRETE CONSTRUCTION

Assembling houses of prefabricated room units. G. Serostanov. Zhil. stroi. no. 12:24-25 '59.

MACARONI

The UM-2, 5-type mobile unit for manufacturing macaroni. N. M. Karavaev. Biul. tekh.-ekon. inform. no. 12:45-46 '59.

MACH, ERNST, 1838-1916

V. I. Lenin's struggle against the reactionary sociology of Ernst Mach and his followers. M. I. Akhremchik. Trudy Inst. filos. AN BSSR no. 1:173-187 '58.

MACHABELI, MARIIA ELIZBAROVNA, 1892-

Mariia Elizbarovna Machabeli, on the 40th anniversary of her scientific and practical activities Gig truda i prof zab 3 no 6 58 N-D '59

MACHINE ACCOUNTING

Centralization and mechanization of accounting in the Kiev Grain Trust. IA. Spektor. Bukhg. uchet 16 no. 11·36-38 N '59

Manual on macine accounting ("Organization of machine accounting" by G. P. Evstigneev, V. I. ISakov. Reviewed by V. Rozhnov, L. Korneeva). Sots. trud 4 no. 7· 156-158 Jl '59.

Mechanization of accounting in wholesale centers S Sukhodol'skii Sov torg 33 no 1 41-42 Ja '60

Mechanizing accounting for deposit operations and for financing capital investments. F Gertsovskii, A. Bobrov-skii Den i kred. 18 no 4 66-68 Ap '60

MACHINE-SHOP PRACTICE

Effect of the process of assembling a machine tool on its rigidity and vibration-damping properties Izv. vys ucheb. zav , mashinostr. no. 5 203-206 '59

Precision analysis of technological processes in machining according to adjustments. P. A. Korablev. Trudy MATI no 40·5-20 '59

MACHINE-TOOL INDUSTRY see subdivision under Alma-Ata, Czechoslovakia, Leningrad

MACHINE-TOOL INDUSTRY—HYGIENIC ASPECTS see subdivision under Vilnius

MACHINE TOOLS

The BV-952-type automatic machine for inspecting and sorting piston pins B M Sorochkin Biul. tekh -ekon. inform no 11·37-39 '59

The MS-10-type semiautomatic edger. M. B. Sverdlov. Biul. tekh. -ekon. inform. no. 12·22-24 '59

The 1L66, 1L67, 1L67a, and 1L69 automatic production lines IU V. Naidin. Biul. tekh. -ekon. inform. no. 12: 13-20 '59

Shturman, A. A. [Uses of plastics in the manufacture of machine tools] Plastmassy v instrumental'nom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 80 p.

The 6S112, 6S114, and 6S118 -type special machine-tool units M S Chizhova. Biul. tekh -ekon inform. no. 11· 28-31 '59

MACHINE TOOLS—ATTACHMENTS

Standard machine-tool attachments. V. M. Chernyshev. Standartizatsiia 23 no. 11 16-17 N '59.

Tilles, S. A. [Economic efficiency of the use of special and multipurpose attachments with interchangeable parts in the machinery industry] Ekonomicheskaia effektivnost' primeneniia spetsial'nykh i universal'no-sbornykh prisposoblenii v mashinostroeniia Moskva, 1959. 63 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: "Ekonomika i organizatsiia proizvodstva," no 6)

Vertical-feeder hoist with automatic regulation of the hogh level of blanks. A. N. Rabinovich, V. S. Matveichuk, V. I. Fesenko. Mashinostroitel' no. 1 5-6 Ja '60.

MACHINE TOOLS—ELECTRIC DRIVING

Character of transient processes of the drive of the wire drawing machines. D. P. Morozov, V. S. Kuzikov. Izv. vys. ucheb. zav., elektromekh. 2 no. 9:76-85 '59.

MACHINE TOOLS—MAINTENANCE AND REPAIR

Reconditioning outworn machine-tool guides with textolite. IU. A. Saltykov. Mahinostroitel' no. 1 17 Ja '60.

MACHINE TOOLS—NUMERICAL CONTROL

Program control of machines. A. IU. Kobryns'kyi. Nauka i zhyttia 9 no. 12:12-16 D '59.

MACHINE TOOLS—STANDARDS

Revision of standards for automatic cold-upsetting and trimming machines. V. G. Shmagno. Standartizatsiia 23 no. 11·27 N '59.

MACHINE-TRACTOR STATIONS—BIBLIOGRAPHY see Bibliography—Machine-tractor stations

MACHINERY

Increasing the load capacity and reduction of the required precision of machining of some machine parts. B. A. Morozov Izv. vys ucheb. zav., mashinostr. no. 5. 149-155 '59.

Kostetskii, B. L [Wear resistance of machine parts] Soprotivlenie iznashivaniiu detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 478 p.

Soviet machines given a high rating [with English summary in insert]. M. Meshcheriakov. Sovr. Vost. no. 4·38 Ap '60.

MACHINERY—BIBLIOGRAPHY see Bibliography—Machinery

MACHINERY—CONSTRUCTION

[Machine building; abstracts nos. 37286-43065.] Referativnyi zhurnal· Mashinostroenie no. 8 Ap '60.

[Machine building; abstracts nos. 43066-48780.] Referativnyi zhurnal. Mashinostroenie no. 9 My '60.

MACHINERY—DESIGN

Dashkevich, B. P., S. K. D'iachenko, and S. Z. Stolbov. [Machine parts, project work for course credit] Detali mashin; kursovoe proektirovanie. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 295 p.

Serebrennikov, IU. N [Machine parts] Detali mashin. Moskva, Voen. izd-vo M-va obor. SSSR. SSSR, 1960. 212 p.

MACHINERY—DRAWING

Mechanical drawings in the machinery industry. V. O. Gordon. Standartizatsiia 23 no. 11·36-39 N '59.

MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Kazakhstan)

Makienko, N. L., and others. [Machine repair and fundamentals of the study of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 443 p.

MACHINERY—TESTING

Quantity of radiation necessary for studying the wear of machine parts with the aid of radioisotopes. A. I Nisnevich. Zav. lab. no. 11·1341-1342 '59

Serensen, S. V., ed. [Endurance test of machine parts; collected articles] Ispytaniia detalei mashin na prochnost'; sbornik statei. Po materialam Komiteta prochnosti NTO Mashproma. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 226 p.

MACHINERY, AUTOMATIC see subdivision under Kiev

MACHINERY, KINEMATICS OF

Graphoanalytic and graphic methods for plotting tachograms of machine-reduction elements A. I Jasiulionis Izv. vys ucheb. zav.; mashinostr. no. 5·25-34 '59.

MACHINERY IN INDUSTRY

(see also subdivision under Kazakhstan)

In the name of the great task of building communism. Sots. trud 4 no. 7:3-8 Jl '59.

Material stimulation of production and introduction of new technology. V. Ganshtak V. Gotlober. Vop. ekon. no. 5·60-66 My '60.

Theoretical problems of the economic effectiveness of employing machines. V. Kozlov. Nauch dokl. vys. shkoly, ekon. nauki no. 4 15-23 '59

Volodarskii, V. [Economic effectiveness of the mechanization and automation of production] Ekonomicheskaia effektivnost' mekhanizatsii i avtomatizatsii proizvodstva. Frunze, Kirgizskoe gos. izd-vo, 1958. 61 p.

MACHINERY INDUSTRY

(see also subdivision under Alma-Ata, China, Dnepropetrovsk Province, Hunan Province; Kazakhstan, Kharkov, Leningrad, Odessa; Poland; Tiraspol, Ukraine)

[Automation in the machinery industry abroad; collected translations] Avtomatizatsiia v mashinostroenii za rubezhom; sbornik perevodov. Pod obshchei red. I. I. Artobolevskogo. Moskva, Izd-vo inostr. lit-ry, 1959. 321 p.

Development of specialization and cooperation in machinery plants. A Savin. Nauch. dokl. vys. shkoly, ekon. nauki no. 4:139-149 '59.

"Economics of the socialist machinery industry" by A. B. El'iashevich, E. M. Karlik, L. L. Shalovich. Reviewed by F. M. Makarenko. Mashinostroitel' no. 1:46-47 Ja '60.

On the frontiers of the second year of the seven-year plan. Mashinostroitel' no. 1·1 Ja '60.

Seminar "Standardization and specialization in the machinery industry." Standartizatsiia 23 no. 12:7-15 D '59.

Teplov, G. V. [Planning at machinery plants] Planirovanie na mashinostroitel'nykh zavodakh. Izd. 3., perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 480 p.

Two diaries Elena Serebrovskaia Moskva 3 no. 9 157-160 '59

MACHINERY INDUSTRY—COSTS

Planning and accounting for overhead costs. I. IAborov. Bukhg. uchet 16 no. 11:34-35 N '59.

MACHINERY INDUSTRY—FINANCE

Edzhola, D. K., and others. [Analysis of the administrative operations of industrial enterprises] Analiz khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Gosfinizdat, 1960. 154 p.

Expanding State Band credit relations with machinery industry enterprises. E. Utkin. Nauch. dokl. vys. shkoly; ekon. nauki no. 4.53-63 '59.

MACHINERY INDUSTRY—HYGIENIC ASPECTS see subdivision under Pilsen

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Determining the number of engineering, technical workers, and employees in machinery manufacturing enterprises. IA. Ulasenko Sots. trud no. 12:94-100 D '59.

Karpov, L. D. [Method of calculating norms for unfinished production in machinery manufacturing plants] Methodika rascheta normativov nezavershennogo proizvodstva; dlia mashinostroitel'nykh zavodov. Moskva, Gosplanizdat, 1959. 127 p.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Moskovskii dom nauchno-tekhnicheskoi propagandy [illegible] F. E. Dzerzhinskogo. [Collected annotations of [illegible] suggestions and technological innovations in the [illegible] facture of machines] Sbornik annotatsii ratsionalizat[illegible] skikh predlozhenii i tekhnicheskikh usovershenstvovani[illegible] v mashinostroenii. Moskva, Ob-vo po rasprostra[illegible] polit. i nauchn. znanii RSFSR.
No. 3. 1958. 113 p.

MACHINISTS see subdivision under Harbin, China

MACROMOLECULAR COMPOUNDS

Reznikov, V. M. [Large molecules in the service of man] Bol'shie molekuly na sluzhbe cheloveka [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1958 53 p.

MACROMOLECULAR COMPOUNDS—CONGRESSES

Eleventh All-Union Conference on High Molecular W[illegible] Compounds. A. Koretskaia. Khim. nauk[illegible] '59.

MADRID—TRADE UNIONS

A trade unionist's notebook. Vsem. prof. dvizh [illegible] Je '59.

MAGADAN PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

Growth of agricultural production and reduction [illegible] duction costs on state farms of Magadan Provin[illegible] Pasechnik. Probl. Sev. no. 3:[illegible]-111 '59.

MAGADAN PROVINCE—TRANSPORTATION

Problems in developing the economy and transport[illegible] munications in the northeastern part of the [illegible] (Yakut A. S. S. R. and Magadan Province) [illegible] northern sea route. S. S. TSenin. Probl. Sev. [illegible] 137-150 '59.

MAGIAN VALLEY—POTTERY

Archaeological works in the Magian-Dar'ya [illegible] B. IA. Staviskii. Trudy AN Tadzh. SSR [illegible]

MAGNASCO, ALESSANDRO, 1667-1749

Two paintings at the Serpukhov Museum. [illegible] Iskusstvo 22 no. 11:72-77 '59.

MAGNESITE

Effect of temperature on the rate of chlorinating magne-sium oxides in fused chlorides. A. V. Serebriak[illegible], P. A. Pazdnikov. Trudy Inst. met. UFAN SSSR [illegible] 111-119 '59.

MAGNESIUM

Luminescent determination of small quantities [illegible] in metallic magnesium [with summary in [illegible]] [illegible] Fioletova. Zhur. anal. khim. 14 no. 6.[illegible] '59.

Resonance scattering of γ-quanta on the Mg^{24} [illegible] [with summary in English]. I. Sh. Vashakidze, T. [illegible] paleishvili, G. A. Chilashvili. Zhur. eksp i teor. fiz. [illegible] no. 3:750-755 S '59.

MAGNESIUM—ANALYSIS

Amperometric titration of magnesium with [illegible] ferrocyanide [with summary in English]. V. [illegible] shev, A. I. Blesnova. Zhur. anal. khim. 14 [illegible] 685 N-D '59.

Trilonometric determination of nickel and magnes[illegible] electrolytes for nickel plating. I. M IUriev, P. G. [illegible] khova. Zav. lab. no. 11:1298-1299 '59

Use of sodium 2, 3-dimercaptopropanesulfonate [illegible] as a masking reagent in the complexometric deter-tion of calcium and magnesium. I. A. Volf Zav. la[illegible] 25 no. 12:1436-1439 '59.

MAGNESIUM ALLOYS

Making magnesium addition alloys in basic [illegible] A. P. Perov, I. S. Prianishnikov. Lit. proizv. [illegible] D '59.

MAGNESIUM ALLOYS—METALLOGRAPHY

Effect of small additions of various elements on the [illegible] size and refinement of the Mg_4Al_3 phase in the [illegible] alloy. L. Kubichek. Izv. vys. ucheb zav.; tsvet met. [illegible] no. 6:154-157 '59.

MAGNESIUM CHLORIDE

Investigating the hydration of magnesium chloride in contact with humid air. V. V. Sergeev, I. S. Ka[illegible] skaia. Zhur. prikl. khim. 32 no. 8:1671-1674 Ag [illegible]

MAGNESIUM COMPOUNDS

Reactions of halo metallo alcoholates. Part 7: Reaction of magnesium halo carbinolates of tertiary [illegible] esters. I. I. Lapkin, M. N. Rybakova. Zhur. ob [illegible] no. 4.1227-1230 Ap '60.

Reactions of organometallic compounds with salts of [illegible] metals. Report No. 1: Reaction of ethylmagnesium bromide with titanium and cobalt halides. Wang Fo [illegible] B. A. Dolgoplosk, B. L. Erusalimskii. Izv. AN SSSR O[illegible] khim. nauk. no. 3:469-473 '60.

MAGNESIUM HYDROXIDE

Adsorption of benzene and n-hexane vapors on magnesium hydroxide [with summary in English] A. V. Kiselev, D. P Poshkus Koll. zhur 21 no 6:653-663 N-D '59.

MAGNESIUM OXIDE

Effect of added amounts of magnesium oxide on the catalytic properties of molybednum oxide - aluminum oxide catalysts in the aromatization of n-heptane. A I. Adzhieva. Izv. vys ucheb. zav, neft' i gaz 2 no 11 89-91 '59

MAGNESIUM OXIDE—MAGNETIC PROPERTIES

Catalytic and magnetic properties of NiO - MgO. A. A. Slinkin, V. I. IAkerson, A M Rubinshtein, Izv. AN SSSR Otd. khim nauk. no. 3;435-441 '60.

MAGNESIUM SILICATE

Uses of magnesium silicates. V. M. Darbinian. Trudy Inst. khim. AN Azerb. SSR 17:98-105 '59.

MAGNESIUM SULFATE

Solubility in the system Li_2SO_4 - Na_2SO_4 - $MgSO_4$ - H_2O at 25°. I. N. Lepeskhov, N N. Romashova. Zhur. neorg. khim. 4 no. 12 2812-2815 D '59

MAGNESIUM SULFITE

Investigating the solubility of magnesium sulfite. V. I. Semishin, I. I. Abramov, L. T. Vorotnitskaia. Izv. vys. ucheb. zav., khim. i khim. tekh. 2 no. 6:834-839 '59.

MAGNETIC AMPLIFIERS

Calculating the real properties of materials in Ramey's magnetic amplifier G P Andreev, V E Bogoliubov, V L Diatlov Trudy MEI no 27 118-126 '58

Effect of eddy currents on the characteristics of feedback magnetic amplifiers with a low resistance of the control circuit [with summary in English]. M. A. Rozenblat Avtom. i telem. 20 no. 12:1659-1670 D '59.

Fast magnetic amplifier G I Kudriavtseva Trudy MEI no 27 243-258 '58

Magnetic logical units for automatic control circuits [with summary in English]. N. P. Vasil'eva, N. L. Prokhorov. Avtom. i telem. 20 no. 12 1647-1658 D '59.

Operation of a one core magnetic shift register with simultaneous remagnetizing of supplementing cores. A. K. Romanov, Elektrosviaz' 13 no. 10:43-51 O '59.

Separate measurement of the uneven and the even harmonics of nonsinusoidal curves K E Zaidel, G I Sharokhin Trudy MEI no 27 127-132 '58

Work of the all-Moscow conference on magnetic devices for automatic control. G. V. Subbotina. Avtom. i telem. 20 no. 12:1698 D '59.

MAGNETIC ANOMALIES

(see also subdivision under Tatar A. S S. R.; Transcaucasia)

Integral methods of interpreting anomalies ΔZ of a definite sign. V. N. Strakhov. Izv. AN SSSR. Ser. geofiz. no. 4:520-529 Ap '60.

IUn'kov, A. A. [Interpretation of magnetic and gravity anomalies over anticlinical structures] Interpretatsiia magnitnykh i gravitatsionnykh anomalii nad antiklinal'nymi strukturami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 20 p.
___ ___ ___ 11 plates of diagr. (in portfolio)

MAGNETIC FIELDS

Absorption coefficient of atoms in the case of the reverse Zeeman effect at an arbitrary direction of the magnetic field [with summary in English] V. E Stepanov. Izv. Krym astrofiz. obser 18:136-150 '58.

Anisotropy of electrical conductivity in a magnetic field and topology of Fermi surfaces of metals [with summary in English]. N. E. Alekseevskii, IU. P. Gaidukov. Zhur. eksp. i teor. fiz. 37 no. 3:672-677 S '59.

Changes in the domain structure of magnetically uniaxial ferromagnetic materials in a magnetic field. IA. S. Shur, E. V. Shtol'ts, A. A. Glazer. Fiz. met. i metalloved. 8 no. 5:685-688 N '59.

Characteristics of a high-frequency mercury discharge in a permanent magnetic field. E. I. Vavilin, S. D. Vagnor A. M. Drukman. Zhur. tekh. fiz. 29 no. 10:1263-1270 O '59

Dispersion equation for an electron plasma in a magnetic field. L. I. Podlubnyi. Fiz. met. i metalloved. 8 no. 5: 796-798 N '59.

First observations of magnetic fields of sunspots at the Crimean Astrophysical Observatory [with summary in English]. A. B. Severnyi, V. S. Stepanov. Izv. Krym. astrofiz. obser. 16:3-11 '56.

In regard to the article "Ribbon shaped electron beams in a longitudinal uniform magnetic field with arbitrary shielding of the cathode." P. D. Bur'ianov. Radiotekh. i elektron. 5 no. 5 880 My '60.

Magnetic fields in interstellar space and diffuse nebulae. G. A. Shain Izv. Krym. astrofiz. obser. 16.181-183 '56.

Movement of an electron in a magnetic field with regularly varying spatial characteristics V. D. Fedorchenko, B. N. Rutkevich, B M. Chernyi Zhur. tekh. fiz. 29 no. 10:1212-1218 O '59.

Nonresonance absorption of the energy of an alternating magnetic field by a ferromagnetic substance [with summary in English]. M. I. Kaganov, V. M. TSukernik. Zhur. eksp. i teor. fiz. 37 no. 3:823-832 S '59.

Numerical solution to the equation for the magnetic field in iron, taking saturation into account A S Kronrod Dokl AN SSSR 132 no 1 95-97 My '60.

Polarities and maximum strength of magnetic fields of sunspots in 1956 [with summary in English]. V E Stepanov, N N Petrova Izv. Krym astrofiz. obser 18:66-95 '58.

Thermoelectric coefficients in metals in a strong magnetic field and the effect of drag of electrons by phonons [with summary in English]. L. E. Gurevich, G. M. Nedlin. Zhur. eksp. i teor. fiz. 37 no. 3:765-775 S '59.

Using high derivatives of the magnetic potential to calculate the depth of magnetic ore deposits. Lu San-dung, Chu Chi-san. Sbor. nauch. rab. stud. LGI no. 2:64-73 '57.

MAGNETIC FIELDS—MEASUREMENT

Hall generators made from indium arsenide for measuring magnetic field intensity N. V Zotova, D. N Nasledov. Fiz. tver. tela 1 no. 11:1690-1694 N '59

Measuring magnetic field distortions in strong-focusing accelerators. IU. M. Gorlachev, S. V. Skachkov, T. G Smoliankina. Prib i tekh eksp no. 6:13-17 N-D '59.

MAGNETIC INSTRUMENTS

Work of the all-Moscow conference on magnetic devices for automatic control. G. V. Subbotina. Avtom. i telem. 20 no. 12:1698 D '59.

MAGNETIC MEMORY (CALCULATING MACHINES)

Memory device with a quick response which uses semiconductors and capacitors. G. D. Koronets. Sbor. stud. nauch. rab. LI'IS no. 1:71-77 '59.

MAGNETIC RECORDERS AND RECORDING

Design of the correction link in the recording-head circuit of a tape recorder. I. G. Minaev. Tekh. kino i telev. 3 no. 11:62-63 N '59.

Simple tape tensioning arrangements. S. Petrov. Radio no. 12:37-41 D '59.

Theory of rendering magnetic recording visually legible. V. G. Patrunov. Elektrosviaz' 13 no 12:35-42 D '59.

Using magnetic recording in the synchronous tracking memory device for automatic sorting of timber in lumberyards. G. A. Vil'ko. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2:86-91 '59.

MAGNETIC RESONANCE ACCELERATOR see Cyclotron

MAGNETIC SEPARATION OF ORES

Use of wet magnetic separation in placer deposit ore dressing. IU. G. Melik-Stepanov. TSvet. met. 32 no. 12: 70-71 D '59.

MAGNETIC STORMS

Heating of upper layers of the earth's atmosphere during magnetic storms [with summary in English]. V. M. Rubashev. Izv. GAO 20 no. 6:66-76 '58.

Relationship between calcium flocculi and geomagnetic and ionospheric disturbances [with summary in English]. E. R. Mustel', O. N Mitropol'skaia. Izv. Krym. astrofiz. obser 18:162-181 '58

Theory of magnetic storms and auroras [with summary in English]. S. B. Pikel'ner. Izv. Krym. astrofiz. obser. 16:101-121 '56.

MAGNETIC TESTING

General application of the magnetic mirror image method [with summary in English]. N. S. Akulov, V. P. Ballevskii. Inzh.-fiz. zhur. no. 1:87-90 Ja '60.

MAGNETISM, TERRESTRIAL

(see also subdivision under Georgia)

Does the earth have its magnetic poles? F. Dubleinikov. Otv. na vop. trud. no. 92:63-64 '58.

The earth's magnetic field as a sum of fields of two dipoles. B. M. Liakhov. Izv. AN SSSR. Ser. geofiz. no. 4:601-606 Ap '60.

Microvariation station of Leningrad University and results of its work at the "Borok" Geophysical Station in the spring of 1959. B. E. Briunelli, O. M. Raspopov, B. M. IAnovskaia. Izv. AN SSSR. Ser. geofiz. no. 5: 671-679 My '60.

MAGNETISM, TERRESTRIAL—DIURNAL VARIATION

The 27-day periodicity of the "quiet-day" (Sq) variation of the geomagnetic field. N. A. Katsiashvili. Trudy Inst. geofiz. AN Gruz. SSR 17:33-45 '58.

MAGNETISM, TERRESTRIAL—OBSERVATORIES see subdivision under Georgia

MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Method of forecasting secular geomagnetic variations for the nearest future years V. I. Afanas'eva, IU. D Kalinin. Trudy Inst. geofiz. AN Gruz. SSR 17.7-31 '58.

MAGNETITE

(see also subdivision under Gornaya Shoriya; Siberian Platform)

Sulfidizing of magnetite. N. G. Moleva, P. S. Kusakin. Trudy Inst. met. UFAN SSSR no. 3:15-19 '59.

MAGNETITE—ELECTRIC PROPERTIES

Thermoelectric properties of magnetite in the 80 to 400° K temperature range. A. A. Samokhvalov, I. G. Fakidov. Fiz. met. i metalloved. 8 no. 5:694-699 N '59.

MAGNETITE CRYSTALS—SPECTRA

Electron diffraction study of Fe_3O_4. G. G. Dvoriankina, Z G Pinsker Dokl AN SSSR 132 no. 1 110-113 My '60

MAGNETOCHEMISTRY

Magnetism in agriculture. A. Pirozmakov. IUn. tekh. 4 no. 11:29-30 N '59.

MAGNETOHYDRODYNAMICS

Comments on the structure of a perpendicular magnetohydrodynamic shock wave. A. G. Kulikovskii, G. A. Liubimov. Prikl. mat. i mekh. 23 no. 6:1146-1147 N-D '59.

Hypersonic flow about bodies in magnetohydrodynamics. M. D. Ladyzhenskii. Prikl. mat. i mekh. 23 no. 6:991-1005 N-D '59.

Precise solution to a problem in magnetohydrodynamics. IA. S Ufliand, I. B. Chekmarev. Zhur. tekh fiz. 29 no. 11:1412-1414 N '59

Rotation of the plane of polarization of elastic waves in magnetically polarized magnetoelastic media [with summary in English]. K. B. Vlasov, B. Kh. Ishmukhametov. Zhur. eksp. i teor. fiz. 37 no. 3:745-749 S '59.

Theory of some magnetohydrodynamic phenomena of free laminar heat convection of an electrically conductive fluid in a round vertical tube in a weak magnetic filed A. G. Smirnov. Zhur tekh. fiz. 29 no 10.1245-1251 O '59.

MAGNETOSTRICTION

Relaxation absorption of an ultrasonic wave in ferromagnetic materials. V. T. Shmatov. Fiz. met. i metalloved. 8 no. 5:667-670 N '59.

MAGNITOGORSK—INDUSTRIAL HYGIENE

In glorious Magnitka A. Dan'shin Fizk i sport 20 no 11 17 N '59

With the Magnitogorsk metallurgical workers F Borisov, I. Davydov. Sov. kras. krest 9 no 6:10 N-D '59.

MAGNITOGORSK—RADIO JOURNALISM

Radio newspaper in a workshop. A. Tel'nov. Agitator no. 24:53 D '59.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

Study of the style of V. V. Maiakovskii's poem "God." V. A. Zaitsov. Rus. iaz v shkole 20 no. 6:22-28 N-D '59.

Tradition and innovation; a study of V. V. Maiakovskii's lyric poetry. G. M. TSurikova. Uch. zap. LGU no. 275: 40-59 '59.

MAKARENKO, ANTON SEMENOVICH, 1888-1939

Makarenko and our schools. Borys Khandros. Dnipro 33 no. 12:125-130 D '59.

Sense of proportion in character training. V. Gmurman. Sem'ia i shkola 13 no. 3:23-24 Mr '58.

MAKHACHKALA—ECONOMIC CONDITIONS

Viktorov, A. F., and D. G. Kazhlaev. [Makhachkala; economic-geographical study] Makhachkala; ekonomiko-geograficheskii ocherk. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1958. 90 p.
[MICROFILM[

MAKHACHKALA—RESTAURANTS, LUNCHROOMS, ETC.

We need combined forces. I. Kakhrimanov. Obshchestv. pit. no. 10:30 O '59.

MAKSIMOV, PAVEL MAKSIMOVICH

Guarding public health for forty-four years. N. IA. Saparkin. Fel'd. i akush. 25 no. 1:56-57 Ja '60.

MALACOSTRACA see subdivision under Azov region

MALARIA

(see also subdivision under Derbent; Germany, East; India; Kafan District; Moldavia; Tajikistan; Ukraine; Vietnam, North)

Construction of reservoirs as related to problems in the eradication of malaria and other parasitic diseases. L. V. Timofeeva. Med. paraz. i paraz. bol. 26 no. 6:667-673 N-D '57.

Final stage in the liquidation of malaria in the R. S. F. S. R. M. A. Buslaev, IU. S. Baslala. Med. paraz i paraz. bol. 28 no. 5:518-522 S-O '59.

Seventh report by the Expert Committee on Malaria of the World Health Organization, excerpts. Med. paraz. i paraz. bol. 28 no. 5:632-638 S-O '59.

Study of the physiological age of vectors of transmissive diseases in connection with the evaluation of the effectiveness of control measures. T. S. Detinova. Med. paraz. i paraz. bol. 26 no. 6:673-679 N-D '57.

MALARIA—PREVENTION see subdivision under Latvia

MALI FEDERATION

The Mali Federation. IA. Avel. Mir. ekon. i mezhdunar. otn. no. 5 104-109 My '60.

MALI FEDERATION—POLITICS AND GOVERNMENT

Chain reaction. Nov. vrem. 18 no. 18:21 My '60.

MALKIN, IOEL' GIL'EVICH, 1907-1958
Ioel' Gil'evich Malkin, on the anniversary of his death Izv vys ucheb zav , mat no 5 223-226 '59

MALLOW
More about prickly mallow. IA. IAkushevskii. Nauka i pered op. v sel'khoz 9 no.12 61-62 D '59.

MALTHUSIANISM
Truthful book ("Must men starve? The Malthusian controversy" by J. Osei. Reviewed by A. Ostrovskii). Nauka i zhizn' 26 no.12·72-73 D '59.

MAL'TSEV, ANATOLII IVANOVICH, 1909-
A. N. Mal'tsev; on his fifteeth birthday. A. G. Kurosh. Usp. mat. nauk. 14 no.6:203-211 N-D '59.

MAL'TSEV, TERENTII SEMENOVICH
Vorob'ev, N. IA. [Magician of the fields; a study] Kudesnik polei, ocherk. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 38 p.

MALYY ATLYM REGION—AZOLLA, FOSSIL
New species of Azolla Lam. in the Tertiary flora of the U. S. S. R. P. I. Dorofeev. Bot. zhur. 44 no.12· 1750-1763 D '59.

MAMAI, NIKOLAI IAKOVLEVICH
Initiator of a patriotic movement. Mast. ugl 8 no. 3·9 Mr '59.

MAMLYUTKA DISTRICT—AGRICULTURAL ADMINISTRATION
Workers of district planning commissions need help. S. Shevtsov. Nar. khoz. Kazakh. no. 12 73-74 D '59

MAMMALS—EMBRYOLOGY see Embryology—*Mammals*

MAMMALS, FOSSIL see subdivision under Chaplin region, Dnepropetrovsk Province

MAMMARY GLANDS—CANCER
Effect of injuries of the spinal nerves on the development of mammary cancer in strain A mice [with summary in English] L. V. Zatiubovs'kyi Fiziol. zhur. [Ukr.] 5 no 6:806-812 N-D '59.

MAMMOTH see subdivision under Petrikov, Gomel' Province; Ukraine

MAN—ORIGIN
Discovery in Kara-Tau. Sov Kazakh 25 no. 5 123-124 My '59
Problem of the "presapiens" in modern literature ("The Fontechevade cave" (in French) by H. V. Vallois. Reviewed by IA. IA. Roginskii). Sov. etn. no. 6:173-179 N-D '59.

MANDELIC ACID
Analysis of zirconium in the presence of impurities by the use of mandelic acid. L. S. Bondarenko and others. Zav. lab. 25 no. 12:1476-1477 '59.

MANDRAKE
(see also subdivision under Kiev)
Introduction of Podophyllum peltatum L. and P. emodi Wall. E. A. Selivanova-Gorodkova. Trudy Bot. inst. Ser. 6 no. 7·314-316 '59.

MANGANESE—METALLURGY
Using physical heat of liquid slags in the smelting of metallic manganese F S. Sergienko. Prom. energ. 14 no.12·32-33 D '59.

MANGANESE ALLOYS
Thermochemistry of silicomanganese. IU. M. Gertman, P. V. Gel'd. Izv. vys. ucheb. zav.; chern. met. 2 no. 9: 15-27 S '59.

MANGANESE-BISMUTH ALLOYS—MAGNETIC PROPERTIES
Temperature dependence of magnetic properties in magnetically texturized specimens of MnBi powder alloys. IA. S. Shur and others. Fiz. met. i metalloved. 8 no. 5: 678-684 N '59.

MANGANESE ORES see subdivision under Chiatura region, Georgia; Nikopol' region, Ukraine

MANGANESE OXIDES—TOXICOLOGY
Changes in the gas metabolism and thyroid gland of rats in poisoning with manganese oxides E. N. Levina Gig truda i prof. zab 3 no. 6 48-49 N-D '59.

MANGANESE STEEL
Kind of nonmetallic inclusions in high manganese steel and their characteristics IU. A. Shul'te, M I. Kurbatov. Izv. vys. ucheb zav.; chern met. no. 3:159-164 '60

MANGANESE STEEL—HYDROGEN CONTENT
Effect of manganese content in steel on hydrogen absorption during the process of pouring into foundry molds. IU A Nekhendzi, V. P. Kalenov. Izv. vys ucheb zav.; chern. met 2 no 8:123-126 Ag '59.

MANGANESE STEEL—METALLOGRAPHY
Nitrogen in high manganese steels. L. I Levi, A. A. Zhu-'. Lit. proizv. no 12 24-27 D '59.

MANGANESE SULFIDE
Formation of manganese sulfides, polysulfides, and mixed sulfides. E. M. Nanobashvili, S G. Kurashvili. Trudy Inst. khim. AN Gruz SSR 14,105-112 '58.

MANOMETER
Manometers for measurements of a superhigh vacuum Part 2 A M Grigor'ev Prib i tekh. eksp. no 6:10-13 N-D '59
Precision production of flexible elements for manometers B V. Grigor'ev Trudy MATI no. 40·56-70 '59
Self-recording electric micromanometer for biological investigations E T. Kulin, S S Shushkevich Vestsi AN BSSR. Ser biial nav no 4 135-137 '59
Thermal (thermomolecular) manometer. M. I. Driga. Trudy VNIIM no. 37:97-105 '59.

MANOMETER—VIBRATION
Changes in readings of instruments (manometers) caused by vibrations A D. Sychev Rasch. na prochn no. 4· 375-394 '59.

MANPOWER
"Expansion of the labor force and the balance of labor in the U. S. S. R." by M. IA. Sonin. Reviewed by B. Braginskii, A. Zhukovskii. Vop. ekon. no. 5:119-123 My '60

MANUAL TRAINING
(see also subdivision under Krasnodar)
Formation of skills in constructive and technical work among secondary school pupils [with summary in English]. G. V Kirlin. Vop psikhol 5 no. 6·25-41 N-D '59.
Inculcating diligence in students P P Gubarev, T Batrakova Sred spets obr 6 no 12 28-30 D '59
Manual training A. F. Sharnin. Nach. shkola 27 no. 12· 26-31 D '59.
Remarks on the draft of the "work training" program. N I. Frolova, A P. Demidova. Nach. shkola 27 no 12: 68-70 D '59.
Section of manual training. Rad. shk. 38 no. 12·57-59 D '59

MANUAL TRAINING—PSYCHOLOGICAL ASPECTS
Influence of work in manual training shops on the formation of self-appraisal in pupils from the fifth through the seventh grade [with summary in English] L G. Podoliak Vop psikhol. 5 no. 6 13-24 N-D '59

MANUFACTURES see subdivision under Ivanovo Province, Leningrad; Moldavia; Moscow, Tatar A. S. S. R.

MANUFACTURES—FINANCE see subdivision under Odessa

MANUSCRIPTS
Problems of archeography at the Fourth All-Union Conference on Ancient Russian Literature. M. A. Salmina, N. S. Sarafanova. Ist. arkh. no. 6:190-191 N-D '59.

MANUSCRIPTS, PERSIAN
Geographical work of the 10th century in the Persian language. A. T. Agnaev Izv. IUgo-Oset. nauch -issl. inst. no 9:423-426 '58

MANUSCRIPTS, SOGDIAN
Sogdian document on leather Nov. 6 [with summary in English]. A A Freiman. Probl. vostokoved. no. 2· 154-155 '60.

MAP PROJECTION
Concerning the problem of the choice of projection for a particular cartographic assignment. M. D. Solov'ev. Trudy MIIGAIK no. 22·37-42 '56.

MAPLE
Relation between the depth of dormancy and the ripeness *degree of seeds in some maple (Acer L.) species. V. G.* IUdin. Bot. zhur. 44 no. 12·1748-1753 D '59.

MAPS
Selecting map scales for determining watersheds of rivers. B. B Danilevich. Izv. vys. ucheb. zav., stroi. i arkhit. no. 7:155-158 '59.

MAPS—SYMBOLS
Classification of conventional signs in cartography. A. M Kremneva. Trudy MIIGAIK no. 36:67-71 '59.

MARETSKAIA, VERA PETROVNA, 1906-
I grew fond of the role of Ol'ga Kartashova. V Maretskaia. Moskva 3 no 9.104 '59

MARGELAN—SILK MANUFACTURE
Zimenko, V., and V. Kirilenko. [Margelan silk] Margelanskii shelk. Tashkent, Gos. izd-vo UzSSR, 1959. 53 p.

MARIINSK CANAL
Kublitskii, G. I. [Motorships sail from Moscow to Leningrad] Teplokhody idut iz Moskvy v Leningrad. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 93 p.

MARINE BIOLOGY
(see also subdivision under Baltic Sea; Kislaya Inlet; North Sea)
Chemical composition of some decapods from northern and Far Eastern seas according to data of spectroscopic analysis [with summary in English] Z I Koblakova, F. IA. Saprykin Vest. LGU 15 no. 9·130-135 '60.
Periodicity of biological processes in the ocean. V. L. Pauli. Trudy SBS 11 353-358 '59.

MARINE BIOLOGY—BIBLIOGRAPHY see Bibliography—Marine biology

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES
New diesel-electric multi-bucket dredger. M. M. Dubrov. Rech. transp. 18 no 11:27-29 N '59.
Redesigning the connector for 6S275L marine engine compressors. F. Reis. Rech. transp. 18 no. 12·47-4 D '59.

MARINE ENGINEERING
Antifriction materials in marine engineering. F. L. IUditskii. Sudostroenie 25 no. 11:29-32 N '59.
Every inland navigation worker and seaman will read this brochure with interest ("Remote control of main engines on the diesel-propelled ship "Orel" by B. V. Levitskii, F V. Filippenko, V. I. Sheleshko. Reviewed by V. A. IAkovlev. Rech. transp. 18 no. 11:55 N '59.
Heat transmission over a hollow cylinder applied to the calculation of radial bearings. M. IA. Laufer, V. K. Kasperskaia. Sudostroenie 25 no. 11:33-35 N '59.
New type of practical work in industry for students. I. I. Krakovskii. Rech. transp. 18 no. 11:42-43 N '59.
Portable machine tool for high speed boring of marine engine cylinders. V I. Komissarov. Sudostroenie 25 no. 11:61-63 N '59.

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINES
Vysola, I. I. [Marine steam engines] Sudovye parovye mashiny. Moskva, Izd-vo "Rechnoi transport."
Pt. 1. [Construction and operation] Konstruktsiia i ekspluatatsiia. 1959. 350 p.

MARINE FAUNA
Some data on the rate of species formation in aquatic fauna [with summary in English] F D. Mordukhai B tovskoi Biul. MOIP. Otd. biol 64 no 4 141-144 Jl-A '59
Special quantitative feature of deep sea life in an ocea L A Zenkevich Izv AN SSSR. Ser geog no 2 10 16 Mr-Ap '60.

MARINE GAS TURBINES—MODELS
Study on models of combustion chambers in gasturbi installations S. L. Briskin. Sudostroenie 25 no. 11: 25-29 N '59.

MARINE PIPE FITTING
Tube fastening to steam-boiler and heat-exchanger tu plates by means of high-voltage electric discharges A I. IUkovkin. Sudostroenie 25 no. 11:40-43 N '59.

MAR'INKA DISTRICT—DAIRYING
How much milk do you need? S. Bachura Ukraina no 2 14 Ja '60.

MARIONETTES see Puppets and puppet plays

MARITIME TERRITORY—ACTINIDIA
Some problems in studying Actinidia species in the Ma time Territory. A. A. Titlianov. Trudy Bot inst. Se 6 no. 7:149-151 '59.

MARITIME TERRITORY—BRACHIOPODA, FOSSIL
Upper Permian brachiopods in the southern part of th Maritime Territory and some contemporary faunas other regions of eastern Asia. B. K. Likharev. Dok AN SSSR 132 no. 2:428-431 My '60.

MARITIME TERRITORY—DISCOVERY AND EXPLORATION
Arsen'ev, V. K. [Through the Ussuri region] Po Ussuriiskomu kraiu. Moskva, Gos. izd-vo geogr. lit-r 1960. 301 p. (Puteshestviia. Prikliucheniia. Fanta

MARITIME TERRITORY—GOITER
New method of prophylaxis of endemic goiter in the M time Territory G. P Gurevich Vrach. delo no 11 1205-1207 N '59.

MARITIME TERRITORY—PARASITES—RODENTS
Types and ecology of ectoparasites of rodents in a na focus of tick-borne encephalitis in the middle Mar Territory. M N Slonov Med paraz i paraz bol no. 5:618-619 S-O '59.

MARITIME TERRITORY—PLANTS, ORNAMENTAL
Wild ornamental herbaceous plants of the Maritime tory and outlook for their introduction. M A. Skrip Trudy Bot. inst. Ser. 6 no. 7:480-482 '59

MARITIME TERRITORY—STRIP MINING
Expansion prospects for strip mining methods in the Maritime Territory K. L. Topil'skii. Ugol' 34 n 8-9 D '59.

MARKOVYCH, MARIIA OLEKSANDRIVNA (VILINSKAIA), 1834-1907

Daughter of our people Ukraina no 24 27 D '59.

Marko Vovchok K. Petrov. Chto chitat' 2 no 12 26 D '59

Marko Vovchok's contacts with Ukrainian literary periodicals and publishing houses in the 1860's and 1870's. A. V. Nedzvids'kyi. Rad lit. no. 6:54-64 N-D '59.

A memorial home in Nal'chik G. Shvetsov. Neva no. 10: 218 '59

Notes about the language of Marko Vovchok's literary works. D. I Hnnych and others. Ukr. mova v shkoli 9 no. 6:15-25 N-D '59.

MARMOTS

Seasonal life and daily activity of the Tien Shan marmot (Marmot balbacina centralis Thos.) B M Aizin Trudy Inst zool i paraz AN Kir SSR no. 7:77-87 '59

MARRIAGE CUSTOMS AND RITES see subdivision under Daghestan

Morning gift. A. IA. Shevelenko. Sov. etn. no. 6:153-155 N-D '59.

MARS (PLANET)

Concerning N A. Kozyrov's article "Explanation of the color of Mars by spectral properties of its atmosphere" [with summary in English]. G. A. Tikhov. Izv. Krym. astrofiz. obser. 16:159-161 '56.

Explanation of the color of Mars by spectral properties of its atmosphere. N. A. Kozyrev. Izv. Krym astrofiz. obser. 15:147-152 '55.

Optical properties of the atmosphere and the surface of Mars [with summary in English] A. V. Kurchakov. Vest. LGU 15 no. 7:154-163 '60.

Some properties of the atmosphere of Mars according to spectrophotometric observations in 1956 [with summary in English] N. A Kozyrev. Izv. Krym astrofiz obser. 18:61-65 '58

MARS (PLANET)—OPPOSITION, 1956

Results of the photometric processing of photographs of Mars in the near infrared spectral region [with summary in English]. M. M. Butalov, A A. Kalmiak, L. A. Kamionko. Izv. GAO 21 no. 3:63-71 '58.

MARS (PLANET)—SATELLITES see Satellites—Mars

MARSHALL ISLANDS—ATOMIC WEAPONS—TESTING

A vivid illustration. Nov. vrem. 18 no. 19:25-26 My '60.

MARTENS

Role of the Caucasian Game Preserve in increasing the number of martens. L. Riabov. Okh. i okh. khoz. 5 no. 11:23 N '59.

MARTENSITE

Conversions of austenite to martensite under high pressur in a magnetometric unit. A. I. Stregulin, L. A Mel'nikov. Zav. lab no. 11:1324-1326 '59

MARTSEVICH, EDUARD

Successful debut N Lazareva Smena 36 no. 23:19 D '59.

MARX, KARL, 1818-1883

Abstracts from the "Correspondence between K. Marx and F. Engels" by V. I. Lenin. Reviewed by A. G. Khomenko. Vop. filos. 14 no. 4:163-166 '60.

Excerpts from unknown letters by K. Marx and F. Engels to G. A. Lopatin. IU. M. Rapoport. Ist. SSSR 3 no. 6: 156-158 N-D '59.

The founder of scientific communism H IEmel'ianenko. Nauka i zhyttia 8 no 5 1-5 My '58.

How we can establish the authenticity of K Marx's and F Engels' articles ("K Marx's articles in 'Neue Oder-Zeitung'" [in Polish] and "'Die Neue Oder-Zeitung' and Karl Marx as its reporter" [in German] by S. Szwan Reviewed by A K. Vorob'eva). Vop ist. KPSS 4 no 3 196-200 '60

Il'enkov, E. V. [Dialectic of abstract and concrete concepts in the "Capital" of Marx] Dialektika abstraktnogo i konkretnogo v "Kapitale" Marksa. Moskva, Izd-vo Akad. nauk SSSR, 1960. 284 p.

Lenin, V. I. [Abstracts of "Correspondence between K. Marx and F. Engels, 1844-1883"] Konspekt "Perepiski K. Marksa i F. Engel'sa, 1844-1883 gg." Moskva, Gos. izd-vo polit. lit-ry, 1959. 451 p.

Outstanding work of Marxist economics ("Works" by K Marx and F. Engels Vol 13. Reviewed by A. Danilov). Part. zhizn' Kazakh. 28 no. 7:67-71 Jl '59.

Session dedicated to the 140th anniversary of K. Marx's birth. V. F. Samyshkin. Izv. AN Uz. SSR Ser. obshchestv. nauk no. 4:80 '58.

Volume 15 of the works of Karl Marx and Friedrich Engels [with summary in English]. L. B. Bibikova. Probl. vostokoved. no. 2:170-173 '60.

Ziber, N. I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.

Vol. 1. [David Ricardo and Karl Marx in their social-economic analysis; articles] David Rikardo i Karl Marks v ikh obshchestvenno-ekonomicheskikh issledovaniiakh; stat'i. 1959. 721 p.

MARY—HEAT—PHYSIOLOGICAL EFFECT

Temperature, respiration, pulse, arterial pressure, and blood components of residents of the city of Mary in the spring and summer. N. T. TSishnatti. Izv. AN Uz SSR Ser med no 6 12-17 '59.

MARY PROVINCE—DIPTERA

Use of light traps as a method of studying bloodsucking dipterans in Central Asia D. T. Zhogolev Dokl. AN SSSR 131 no. 6:1430-1432 Ap '60.

MASERS

Possibilities of using three-level systems for the reception of weak UHF signals IA I Khanin Izv vys. ucheb. zav, radiofiz 2 no 4 661-663 '59

Ring sorting system for a molecular generator A F Krupnov Izv vys ucheb zav., radiofiz 2 no 4 658-659 '59.

MASKS

Masks and hats for New Year's Day. Doshk. vykh. 20 no 12:39-41 D '59

MASONRY

Skvortsov, N. F. [Masonry work and assemblage of large-block and large-panel buildings] Kamennye raboty i montazh krupnoblochnykh i krupnopanel'nykh zdanii. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 426 p.

MASONS (SECRET ORDER) see Freemasons

MASS SPECTROMETRY

Analysis of hydrocarbon systems from mass spectra. K I Zimina, A A Poliakova. Itogi nauki: Khim. nauki 4:208-218 '59

MASS TRANSFER

Countercurrent dephenolization of tar water by butyl acetate and the problem of mass transfer. B. I Ivanov, IU A Kazak Trudy VNIIT no 8 203-212 '59.

Intensity of mass transfer in the solution process in fixed and fluidized beds. A. A. Komarovskii, M. S. Verteshev, Khim. prom. no. 6,530-533 S '59.

Kinetic regularities in absorption by means of the bubble method. L. A. Mochalova, M. Kh. Kishinevskii. Zhur. prikl. khim. 31 no. 4:533-542 Ap '58.

Radiant heat transfer method used in immiscible currents A V. Pergushin Trudy VNIIT no 8 82-96 '59.

Some data on the desorption of liquids from the surface of a fluidized bed. IA. TSiborovskii, A. Soletskii. Zhur. prikl. khim. 31 no. 4:518-525 Ap '58.

MASSAGE

Home care. N. P. Krylov. Zdorov'e 5 no. 12 28 D '59.

MAST CELLS

Observations on mast cells in deafferented skin. N. G. Khrushchov. Dokl. AN SSSR 131 no. 6,1423-1425 Ap '60.

MASTODON

(see also subdivision under Beger-Nur)

Stratigraphic distribution of Zygolophodon borsoni Hays. L. S. Belokrys. Izv. vys ucheb. zav.; geol. i razv. 2 no. 8:48-52 Ag '59

MATEJKO, JAN, 1838-1893

Preparing for exhibitions. Iskusstvo 22 no. 11:71 '59.

MATERIA MEDICA

[Some problems in materia medica; collection of works of the Central Pharmaceutical Research Institute of the Ministry of Public Health of the U. S. S. R.] Nekotorye voprosy lekarstvovedeniia; sbornik rabot TSentral'nogo aptechnogo nauchno-issledovatel'skogo instituta M-va zdravookhraneniia SSSR. Moskva, Gos. izd-vo med. lit-ry, 1959. 142 p.

MATERIA MEDICA, VEGETABLE

Modern medicine and botany. N. V. Lazarev. Trudy Bot. inst. Ser. 6 no. 7 53-59 '59.

MATERIAL HANDLING

(see also subdivision under Rybinsk)

Mechanized unloading of the metal from a holding furnace prior of its repair. V. G. Attarian. Metallurg 4 no. 12:31-32 D '59.

MATERIAL HANDLING—EQUIPMENT AND SUPPLIES

Investigating the performance of working parts on gathering arm loaders. Ion Dumitru Marian. Izv. vys. ucheb. zav., gor. zhur. no. 2:112-124 '59.

MATERIALISM

(see also subdivision under France)

Contemplativeness of Feuerbach's materialism; "Theses on Feuerbach" by K. Marx. V. P. Kalatskii. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:137-150 '59.

Fedotov, V. P. [V. I. Lenin and historical materialism; the late 19th and the early 20th century] V. I. Lenin i istoricheskii materializm; konets XIX - nachalo XX vv. [Leningrad] Izd-vo Leningr. univ., 1960. 150 p.

Maslin, A. N., and others. [Materialism and revolutionary and democratic ideas in Russia in the 1860's] Materializm i revoliutsionno-demokraticheskaia ideologiia v Rossii v 60-kh godakh XIX veka. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 307 p.

V. I. Lenin's marginal notes on "Minor philosophical works" by J Dietzgen N. P. Kolikov. Vop. filos 14 no. 1:136-143 '60

MATERIALISM, DIALECTICAL see Dialectical materialism

MATERIALS

Makienko, N. I., and others. [Machine repair and fundamentals of the study of materials] Slesarnoe delo s osnovami materialovedeniia. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 443 p.

MATERIALS—DETERIORATION

Destruction of rubber by micro-organisms [with summary in English]. I. T. Nette, N. V. Pomortseva, E. I. Kozlova. Mikrobiologiia 28 no. 6 881-886 N-D '59.

MATERIALS—TESTING

Extrapolation in tests for long-period strength. Gerhardt Kruger Zav lab no 11:1358-1365 '59.

Programming of fatigue tests under conditions of statistical type stresses. S V Serensen, E G Buglov Zav lab no 11:1352-1358 '59

Rapid method of controlling the thermal expansion of materials V G Bravinskii, E G Bravinskaia. Zav lab. no 11:1336-1338 '59

Rapid method of moisture control. IU. M. Rapoport, E. G. Chofnus Zav lab no. 11:1346-1348 '59

Torsion test at low temperatures made with the K-2 machine. I S Mel'nikov Zav. lab no 11:1380-1381 '59.

MATERIALS, EFFECT OF RADIATION ON

Pressures in solids under neutron bombardment. IU. I. Remnev Izv. vys ucheb zav., fiz no. 5 81-85 '59.

MATERNITY HOMES see subdivision under Kaliningrad Province

MATHEMATICAL ANALYSIS

Characteristics of analytic fields. J. P. Benzecri, F. Le Roy. Dokl. AN SSSR 131 no. 5:993-995 Ap '60.

Isomorphism of structures. M. M. Glukhov. Dokl. AN SSSR 132 no. 2:251-256 My '60.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL PHYSICS

Multidimensional problem of moments. A. G. Kostiuchenko, B. S. Mitiagin. Dokl. AN SSSR 131 no. 6:1249-1252 Ap '60.

Retarding and anticipating Green functions in the theory of ferromagnetism [with summary in English] S. V. Tiablikov. Ukr mat zhur. 11 no 3,287-294 '59

Scattering problem for nonstationary perturbations. L P. Nizhnik. Dokl. AN SSSR 132 no. 1:40-43 My '60.

MATHEMATICAL STATISTICS

Continuous regression analysis and its use in some problems of automatic control. I. I. Perel'man. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:122-131 Mr-Ap '60.

Evaluation of the precision of investigations and production processes by means of the family of $\phi(\beta)$ curved functions. IU. V. Mikhailovskii. Standartizatsiia 23 no. 12:28-32 D '59.

Reliability of statistical investigations in the stellar astronomy [with summary in English]. N E Kurochkin. Per. zvezdy 12 no 3:216-222 Mr '59.

Statistical methods in economic research ("Statistical study of the utilization of fixed assets in an industrial enterprise" by A. N. Ustinov. Reviewed by N. Grachev). Vop. ekon. no. 5:124-126 My '60.

MATHEMATICAL STATISTICS—CONGRESSES

Application of mathematics in economic research and planning. Vop. ekon. no. 5:153-154 My '60.

MATHEMATICS

(see also subdivision under Odessa)

Leonard Euler; collection of articles submitted to the Academy of Sciences of the U. S. S. R. on the occasion of his 250th birthday anniversary. I. B. Pogrebysskii. Usp. mat. nauk 14 no. 6:241-244 N-D '59.

[Mathematics; translations of foreign articles.] Matematika; periodicheskii sbornik perevodov inostrannykh statei 4 no. 2 Mr-Ap '60. 159 p.

P. F. Fil'chakov's book "Mathematical handbook of calculations." Reviewed by P S. Bondarenko. Ukr mat zhur. 11 no. 3 331-332 '59.

Summary of reports submitted to the Board of the Moscow Mathematical Society and accepted by the board. Usp. mat. nauk 14 no. 5:156-166 S-O '59.

MATHEMATICS—ABSTRACTS

[Mathematics; author index.] Referativnyi zhurnal: Matematika no. 12 D '59.

[Mathematics; classified and subject indexes] Referativnyi zhurnal: Matematika; sistematicheskii i predmetnyi ukazateli, 1958.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CONGRESSES

All-Union conference of chairmen of department of higher mathematics of higher technical schools of the U.S.S.R. V.A.Dobrovol'skii. Usp.mat.nauk 14 no.5:239-241 S-O '59.

Conferences of the Moscow Mathematical Society. Usp. mat.nauk 14 no.5:147-155 S-O '59.

General meeting of the Division of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R. V Shevelo, A Moshkaliuk. Ukr. mat zhur. 11 no 3 336 338 '59

Resolutions of the conference of chairmen of departments of higher mathematics of higher technical schools, held from the 18th to the 23d of May, 1959. Usp.mat.nauk 14 no.5:242-250 S-O '59.

Second republic conference on mathematics and mechanics. T.Bidaibaev. Vest.AN Kaz.SSR 15 no.12 91 95 D '59.

Seminar on the metric theory of dynamic systems held at Moscow State University under the direction of V.A. Rokhlin, L.M.Abramov, IA.G.Sinai. Usp.mat.nauk 14 no.6:221 225 N-D '59.

Sixteenth Scientific Session of Kiev State University (Section of Mathematics) dedicated to the 21st Congress of the CPSU and 125th anniversary of the university. L.Gratsianskaia. Ukr. mat zhur. 11 no 3 330 340 '59

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Gunter, N.M., and R.O.Kuz'min. [Collection of problems in higher mathematics] Sbornik zadach po vysshei matematike. Izd.11. Moskva, Gos.izd-vo fiz-matem. lit-ry,
Vol.3 1959.
(CU)

MATHEMATICS—SOCIETIES, ETC see subdivision under Leningrad, Moscow

MATHEMATICS—STUDY AND TEACHING

Bogushevskii, K.S., and K.P Sikorskii. [Methodological instructions for teaching mathematics in the ninth grade] Metodicheskie ukazaniia k prepodavaniiu matematiki v IX klasse; posobie dlia uchitelei. Moskva, Gos. uchebno pedagog. izd vo M-va pros. RSFSR, 1959. 183 p.

Bradis, V.M., and V.L.Minkovskii, and A.K.Kharcheva. [Errors in mathematical judgments] Oshibki v matematicheskikh rassuzhdeniiakh. Izd.2., perer. Moskva, Gos. uchebno-pedagog. izd vo M-va pros. RSFSR, 1959. 176 p.

Graduates of our schools should have a good knowledge of mathematics. I. Lomidze. Sov.shkola no.6/10 50 N-D '59

Section of mathematics teachers. Nar.obr. 30 no.12: 47 48 D '59.

Strive to increase the mathematical knowledge of evening school students. N.A Mashatin. Sred.spets.obr. 6 no 11 42 10 [illegible]

MATHEMATICS—TABLES, ETC.

Segal, I.L., and K.A.Semendiaev. [Mathematic tables of five digits] Piatiznachnye matematicheskie tablitsy. Izd.2. Moskva, Gos.izd vo fiziko-matem.lit-ry, 1959. 463 p.

MATIASHVILI, GRIGORII VASIL'EVICH, 1902-1959

G V Matiashvili, obituary Sud med ekspert 3 no 1 61 Ja Mr '60

MATRICES

More proof of the Hamilton-Cayley theorem. D. A Suprunenko. Trudy Inst.fiz.i mat. AN BSSR no.3:234-235 '59

One problem of N.P Erugin V V. Morozov Izv vys ucheb zav , mat no 5 171 174 '59.

Parameter variation method as applied to the evaluation of eigennumbers and eigenvectors of matrices. D.F. Davidenko. Dokl.AN SSSR 131 no.5:1007 1010 Ap '60.

Simultaneous reduction of a pair of bilinear forms to the standard expression. IU.B.Ermolaev. Dokl.AN SSSR 132 no.2:257 259 My '60.

Traces of matrix degrees of a neighborhood of vertexes and edges of a nonsingular graph. I M Fikhtenbaum Izv vys ucheb zav , mat no 5 154 163 '59

MATVEENKO, DMITRII DMITRIEVICH

Locksmith Matveenko's seventh patent. A. Lavrushkov. Moskva 3 no 6:221 222 '59.

MAU MAU

"The hunt for Kimathi" [in English] by I.Henderson, P.Goodhart. Reviewed by M S.Semenov [with summary in English]. Probl vostokoved. no.2:104-109 '60

MAWSON, SIR DOUGLAS, 1882-

Suzlumov, E.M. [A life devoted to Antarctica; Douglas Mawson, the explorer of Antarctica] Zhizn', otdannaia Antarktide. Issledovatel' Antarktiki Duglas Mouson. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 78 p. (Zamechatel'nye geografy i puteshestvenniki)

MAY DAY (LABOR HOLIDAY)
(see also subdivision under Moscow)

May Day. Nov. vrem. 18 no. 18:1-2 My '60.

MAYACHNYY REGION—ANTELOPES, FOSSIL

Remains of a large antelope from upper Pliocene deposits of the Southern Urals N. N IAkhimovich. Paleont. zhur. no. 1:113-115 '60

MAZEPA, IVAN STEPANOVICH, d 1709

Condemnation of Mazepa, the traitor, in folk songs. P. A. Hayriliuk. Nar. tvorch. ta etn. 3 no.3:70 74 Jl S '59

MAZRUKHO, LEON BORISOVICH

Reporting on a man. I. Lazev Isk kino no. 11:91-96 N '59

MEADOW SAFFRON see subdivision under Leningrad Province

MEADOW SAXIFRAGE see subdivision under Siberia, Western

MEANY, GEORGE, 1894

The real George Meany. Ph.Bonosky. Ogonek 38 no.3 14 Ja '60

MEASUREMENTS, ELECTRIC see Electric measurements

MEASURING INSTRUMENTS
(see also subdivision under Poland)

Device for measuring the height of trees. Les. Hoz. 12 no. 12:61 D '59

New instruments approved for lot production in 1959 [illegible] Izmer.tekh. no 12:[illegible] D '59

Pinkovskii, G. A., and A. N. Rabinovich. [Instruments for checking cylindrical threads] Pribory dlia kontrolia tsilindricheskikh rez'b. Moskva, Gos nauchno-tekhn. izd vo mashinostroit. lit ry, 1960. 117 p.

Review of "Instruments for thermal and technical control" by M. A. Il'vov. A [illegible] Priborostroenie no. 12:30-31 D '59.

MEASURING INSTRUMENTS—STANDARDS

Explanations to the draft standard. Standartizatsiia 23 no.11:19 20 N '59.

Gear teeth measuring instruments. Standartizatsiia 23 no 12:[illegible] D '59.

"Teplokontrol'" Plant violates state standards. N.I Zhukovskii. Standartizatsiia 23 no.11:[illegible] N '59

Universal devices for measuring linear dimensions. Classification. Basic technical specifications. Standartizatsiia 23 no 11:47 48 N '59.

MEASURING TAPES—STANDARDS

Precision attained in standardizing linear tape comparators and application tools of comparators of the Moscow Institute for Engineers in Geodesy, Aerial Photography, and Cartography. A.V Kondrashkov, and others. Trudy MIIGAiK no. [illegible] '59.

MEAT

Investigating some physicomechanical properties of ground meat. A V Gorbatov, S P Kazakov Izv vys. ucheb. zav., pishch tekh. no 6:117 125 '59

Using polyphosphates as additives for meat products (From "Food Manufacture " no 7, 1959) Mias ind SSSR 30 no 6 60 '59

MEAT—BACTERIOLOGY

Book's contents should be improved ("Microbiology of meat and poultry products" by M A Ageikin I P Kozlov). Reviewed by V Ivanova. Mias ind SSSR 30 no 6 53-54 '59

MEAT—TRANSPORTATION

Improving the transportation of meat. S. O [illegible], S. P. Chistiakov. Zhel.dor. transp. 41 no 12 [illegible] '59

MEAT, CANNED

Automatic vacuum machinery for manufacturing of canned meat pastes M Pleshakov Mias ind SSSR 30 no 6 11 14 '59

Ways of improving the organization of canned meat production. V. Shpis. Mias ind SSSR 30 no 6 38 [illegible]

MEAT, FROZEN

Quick freezers with direct ammonia evaporation I Martynenko Mias ind SSSR 30 no 6.45 48 '59

MEAT, SMOKED

Immersion method for meat smoking D Tilgner Mias ind SSSR 30 no 6 51 52 '59

MEAT INDUSTRY
(see also subdivision under Ashkhabad, Berdyansk, Crimea, Moscow; Riga, Ryazan Province, United States, White Russia)

In the mouthpiece of progressive technical thinking P Mirfebov. Mias ind SSSR 30 no 6 54 55 '59

In the Central Committee of the CPSU and Council of Ministers of the U.S.S.R. Measures for the improvement of animal products and poultry processing. Mias ind. SSSR 30 no 6 1 3 '59

Meat industry in the first quarter of 1959. Mias. ind. SSSR 30 no 2:5-6 '59.

New developments in the bonus policy for meat industry workers A Chutanov Mias ind SSSR 30 no 6 40-43 '59

"Science Day " B Stepanov Mias ind SSSR 30 no 6 22 '59.

To be adequately prepared for the season of [illegible] reception and processing of livestock M [illegible] G Faleev Mias ind SSSR 30 no 2:1 4 '59

Today's important task. Mias ind SSSR 30 [illegible]

Types and capacities of meat combines [illegible] schedule between 1959 and 1965. S Shulzer Mias ind SSSR 30 no 2:31 34 '59

MEAT INDUSTRY—BY PRODUCTS

Processing and utilization of blood in meat [illegible] ing enterprises I Rokotova Mias ind [illegible] no 6 11 '59

Ways of improving the quality of endocrine [illegible] S. Gazovichun, I Tabin Mias ind SSSR [illegible] '59

MEAT INDUSTRY—COSTS

Cost of the processing of livestock at meat [illegible] various capacities I Kalite Mias ind SSSR [illegible] no 2:28 30 '59

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Kiev)

Foreign patents. Mias ind SSSR 30 no 2 [illegible]

Machine for cutting [illegible] V [illegible] Mias ind [illegible]

Manual labor is superseded by new techniques. Mias ind SSSR 30 no 2:6 7 '59

Qualifications required of an engineer in [illegible] M Solomakhin, P Tarnopol'skii Mias ind SSSR [illegible] no 2:20 '59

MEAT INDUSTRY—FINANCE see subdivision under Rostov on Don

MEAT INDUSTRY—HYGIENIC ASPECTS see subdivision under Ostankino

MEAT INDUSTRY—MANAGEMENT see subdivision under Moscow

MEAT INDUSTRY—PERIODICALS

More information and discussion [illegible] Mias. ind SSSR 30 no 2:58 59 '59

MEAT INDUSTRY—QUALITY CONTROL

It is necessary to raise the requirements [illegible] of meat products. [illegible] Mias [illegible] no 2:31 '59

MEAT INDUSTRY—STANDARDS

Conference of workers of the Scientific Research [illegible] of the Technical Standards [illegible] Mias ind SSSR 30 no 2 36 [illegible]

Useful manual N Lapin Mias ind SSSR [illegible] 54 '59

MEAT INSPECTION
(see also subdivision under Rostov [illegible])

[illegible]

Microscopic method of examining [illegible] N Nikitov Mias ind SSSR 30 no 2 [illegible]

MECHANICAL DRAFTING see Mechanical drawing

MECHANICAL DRAWING

Aleksandrov, A.I [illegible] drawing in the [illegible] schools] [illegible] SSSR, [illegible]

[illegible]

Karaulov, A N , and M A Frid [illegible] drawing] [illegible] Gos. uchebno-pedagog. izd-vo [illegible]

[illegible]

Pogachev, A.S [illegible] mechanical drawing] [illegible] cherchenilu. Leningrad, [illegible] stroit. promyshl., 1959. 135 p.

Technical drawing [illegible] mashinostr. [illegible]

MECHANICAL DRAWING—STANDARDS

[illegible] V.M. [illegible] Standartizatsiia [illegible]

MECHANICAL ENGINEERING
(see also subdivision under [illegible])

Applying the [illegible] the [illegible] no. 12:11 [illegible]

Designing functional [illegible] no. 12:11 [illegible]

Vasil'ev, M.V. [Machines [illegible] akh, kotorye [illegible] Moskva [illegible] VTsSPS Profizdat, 1959. 141 p.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

A characteristic of the plane-parallel motion. A. I. IAsiulenis. Trudy Inst. mash. Sem. po teor. mash. 20 no. 77 3-10 '59.

Differential equations of the motion of mechanical systems. V S. Zhivov Izv vys ucheb zav , mashinostr no 5 3-10 '59

MECHANICAL WEAR

Errors in using the statistical method for investigating the wear of engine parts. F. N. Avdon'kin. Vest mash. 40 no. 1 26-28 Ja '60

Investigation of wear-resistant materials for sand nozzles on hydrocyclones. G. A. Kuznetsov, G. Khain. TSvet. met. 32 no. 12:75-78 D '59.

Kostetskii, B. I. [Wear resistance of machine parts] Soprotivlenie iznashivaniiu detalei mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 478 p.

Review of "Determining the wear of machine parts by the method of artificial bases" by M M. Khrushchov, E. S. Berkovich A. S. Pronikov. Vest. mash. 40 no. 1· 85-86 Ja '60.

Seizure of metals in engines N Golego Grazhd av 16 no 12 16-17 D '59.

Wear as a result of cyclic deformation of surface layers. I V. Kragel'skii. Izv. vys. ucheb. zav., fiz. no 5 119-127 '59.

X-ray investigation of residual 1st and 3d order stresses in the wear of steel specimens during the friction process T. Karashev, IU. S. Terminasov. Trudy LIEI no. 28·83-95 '59.

X-ray investigation of the wear of metals having undergone a preliminary surface strengthening. Z. M. Abdullina, IU. S. Terminasov. Trudy LIEI no. 28.96-101 '59

MECHANICS

[Mechanics; translations of foreign articles.] Mekhanika; periodicheskii sbornik perevodov inostrannykh statei II no. 2 '60. 150 p.

Mechanisms of a finite system of the first type. A. I. Tainou. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 4:62-76 '59.

MECHANICS—ABSTRACTS

[Mechanics; abstracts nos. 5461-6790.] Referativnyi zhurnal· Mekhanika no. 5 My '60.

MECHANICS—BIBLIOGRAPHY see Bibliography—Mechanics

MECHANICS—PROBLEMS, EXERCISES, ETC.

Meshcherskii, I. V. [Collection of problems in theoretical mechanics] Sbornik zadach po teoreticheskoi mekhanike. Izd. 25. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 384 p.
(CSt)

MECHANICS, CELESTIAL

Simultaneous determination of systematic errors in stellar catalogs and of masses of planets derived from observation of asteroids [with summary in English]. E. N. Makarova. Biul. Inst. teor. astron. 7 no. 1:1-18 '59.

MECHNIKOV, IL'IA IL'ICH, 1845-1916

Theoretical principles of Darwinism in I. I. Mechnikov's interpretation. R. I. Belkin Biul. MOIP. Otd biol. 64 no 4:61-73 Jl-Ag '59

MEDIASTINUM—DISEASES

Bronchogenic cyst of the mediastinum. T. A. Alieva. Nov. khir. zhur. no 6:84-86 N-D '59

Contrast study of the heart and vessels in the diagnosis of diseases of the mediastinal organs. G A. Natsvlishvili Nov. khir. zhur. no 6:45-49 N-D '59.

MEDIASTINUM—SURGERY

Surgical treatment of tumors and cysts of the mediastinum. V N. Gol'dberg. Nov. khir. zhur. no. 6:39-45 N-D '59.

MEDICAL BACTERIOLOGY see Bacteriology, Medical

MEDICAL BOTANY see Botany, Medical

MEDICAL CARE

Ration between the volume of outpatient-polyclinic and hospital care of the population. I. I. Rozenfel'd Zdrav. Ros. Feder. 3 no 12:21-28 D '59.

MEDICAL ELECTRONICS

Radio electronics in medicine. D. N. Menitskii. Nauka i zhizn' 26 no. 12:25-30 D '59.

MEDICAL GEOGRAPHY

(see also subdivision under Fergana)

Medical topography description works in Russia; before 1861. B. D. Petrov. Sov. zdrav. 19 no. 1·46-52 '60

MEDICAL JURISPRUDENCE

(see also subdivision under Bulgaria)

At the All-Union Society of Medicolegal Experts and Criminologists. A. F. Rubtsov. Sud.-med. ekspert. 2 no. 3:62-63 Jl-S '59.

Medicolegal evaluation of the tactics of the surgeon in stabbing and cutting wounds B. A. Dmitriev, I B Dmitriev. Sud.-med. ekspert 2 no. 3 51-54 Jl-S '59

Results of a meeting of the chief legal medical experts of the Union Republics. E I. Kanter, V A Bagdasarov. Sud -med ekspert. 2 no. 3 59-62 Jl-S '59

Some peculiarities in the legal examination of mechanical injuries in relation to the time of causation E Z Bronshtein Sud -med ekspert 2 no 1 54-56 Ja-Mr '59

MEDICAL JURISPRUDENCE—CONGRESSES

International Congress on Legal Medicine in Belgium July 19-21, 1957. B. Popel'skii. Sud.-med ekspert. 2 no. 3·40-42 Jl-S '59.

MEDICAL PARASITOLOGY

Problems of medical parasitology on the pages of the periodical "Vrachebnoe Delo" in 1956. K. P. Selivanov, M. K. Gritsai. Med. paraz. i paraz. bol. 26 no. 6·741-742 N-D '57.

Problems in the history of medical parasitology in Soviet medical literature. Kh I. Idel'chik. Med. paraz. i paraz. bol. 26 no. 6·695-700 N-D '57.

MEDICAL PARASITOLOGY—BIBLIOGRAPHY see Bibliography—Medical parasitology

MEDICAL PERSONNEL

(see also subdivision under White Russia)

Legal consultation A. V Rott Vrach delo no. 11 1231-1232 N '59

Letters to the editor. Fel'd. i akush. 25 no. 1·58-59 Ja '60.

MEDICAL PERSONNEL—DISEASES AND HYGIENE

Incidence of tuberculosis among medical workers in Moscow tuberculosis hospitals. T. A. Veselkina Probl tub 37 no. 7 13-19 '59.

MEDICAL RECORDS

Card file in the work of a maternity center. A. L. Kaplan. Fel'd. i akush. 25 no. 1:31-36 Ja '60.

Elanskii, N. N. [Student's outline for taking the history of a disease] Skhema istorii bolezni dlia studentov. Moskva, 1959. 118 p.
(DNLM)

Method of recording morbidity in children's polyclinics. Z. Shitnikova. Vop. okh. mat. i det. 4 no. 6 77-78 N-D '59.

MEDICAL RESEARCH

(see also subdivision under Krasnoyarsk, United States)

Problems in the coordination of medicobiological research. V. A. Muzykantov. Vest. AMN SSSR 14 no. 12:32-36 '59.

MEDICAL SCREENING see subdivision under Odessa

MEDICAL STATISTICS

Kaminskii, L. S. [Processing clinical and laboratory data; use of statistics in the research and practice of the physician] Obrabotka klinicheskikh i laboratornykh dannykh; primenenie statistiki v nauchnoi i prakticheskoi rabote vracha. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1959. 195 p.

Review of A. Bradford Hill's "Principles of medical statistics." E Belitskaia. Gig. i san. 24 no. 12:80-83 D '59.

Role of the Military Medical Academy in establishing and developing sanitary and medico-military statistics in pre-Revolutionary Russia. E. IA. Belitskaia. Vest. AMN SSSR 14 no. 12:72-78 '59.

MEDICAL SUPPLIES see subdivision under Ukraine

MEDICINE

(see also subdivision under Azerbaijan; Lithuania; Moldavia; White Russia)

Achievements of Russian physicians. B. Petrov. Chto chitat' 2 no. 12 11 D '59.

All-Union conference on the history of natural science and technology and the work of the section on the history of medicine and pharmacology. E. N. IAkubova. Sov. zdrav. 18 no. 12.51-52 '59.

Chronology in works on the history of medicine. T. G. Polianskaia. Sov. zdrav. 19 no 1:92-93 '60.

In the Presidium of the Soviet Academy of Medicine. M. A. Ivanov. Vest. AMN SSSR 14 no. 12:84-89 '59.

MEDICINE—ABSTRACTS

[Medical abstracts.] Meditsinskii referativnyi zhurnal sect. 2 vol. 4 no. 5 My '60; sect. 3 vol. 4 no. 5 My '60; sect. 4 vol. 4 no. 5 My '60; sect. 5 vol. 4 no. 5 My '60; sect. 6 vol. 4 no. 5 My '60; sect. 10 vol. 4 no. 5 My '60.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES

Sixteenth International Congress on the History of Medicine. B. D. Petrov. Sov. zdrav. 18 no. 12:45-49 '59.

MEDICINE—HANDBOOKS, MANUAL, ETC.

Adenskii, A. D. [Therapeutist's guide] Sputnik terapevta. Minsk, Gos. izd-vo BSSR, 1959. 1 v.
(DNLM)

MEDICINE—HISTORY

"Problems in the history of medicine Proceedings of the N. A. Semashko Institute for the Organization of Public Health and the History of Medicine, number 6· History of medicine abroad" Reviewed by V. I Selivanov, E F. Selivanov Zdrav. Ros Feder 3 no. 12 40-41 D '59.

MEDICINE—STUDY AND TEACHING

(see also subdivision under Irkutsk; Kryulyany District, Kuznetsk Basin, Moscow; Smolensk)

In the Ministry of Public Health of the Ukrainian S S R Vrach delo no 11 1225-1226 N '59

Legal advice. L. I. Kaidashova Fel'd. i akush. 25 no. 1· 53-55 Ja '60.

MEDICINE, INDUSTRIAL see subdivision under Voronezh

MEDICINE, MILITARY

Role of the Military Medical Academy in establishing and developing sanitary and medico-military statistics in pre-Revolutionary Russia. E. IA. Belitskaia. Vest. AMN SSSR 14 no. 12:72-78 '59.

MEDICINE, NAVAL

Centenary of the Kronstadt Society of Naval Physicians (1859-1959) V V Timofeev Sov zdrav 19 no 1 64-67 '60

MEDICINE, PREVENTIVE see subdivision under Armenia

MEDICINE AND RELIGION

"Medical science against religious superstitions" by M I Hurevych, M. A Kondratovych Reviewed by B. Viktorov. Nauka i zhyttia 8 no 5 61 My '58

MEDITERRANEAN REGION—ANTIQUITIES

Archaeological discoveries in the Mediterranean Region in 1957 N A Sidorova Sov arkheol no 4 268-280 '59

MEGAPHONE see Speaking trumpet

MELANOMA

Treatment of malignant melanomas [with summary in English]. M. M. Nivinskaia. Vest. rent. i rad. 34 no. 2· 26-31 Mr-Ap '59.

MEL'NYK, OLEKSANDR

Sketches of the heroes of the seven-year plan ("Skillful hands" by Oleksandr Mel'nyk. Reviewed by Kost' Prokhorenko). Dnipro 33 no. 12:153 D '59.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

D. I. Mendeleev and photography. T. Kudriavtseva, A. Syrov. Sov. foto 19 no. 11,63-64 N '59.

D. I. Mendeleev and the improvement in petroleum refining methods. V E. Parkhomenko Izv vys. ucheb zav., neft' i gaz 2 no 11 131-135 '59.

Participation of D. I. Mendeleev in the publication of a manual on legal chemistry, on the one hundred twenty-fifth anniversary of his birth I. F. Krylov, A. V. Dulov. Sud.-med. ekspert. 2 no. 3,36-40 Jl-S '59.

MENDELEVICH, ISAAK ABRAMOVICH, 1887-1952

The creative works of V. Odintsov and I. Mendelevich. E. Kostina. Iskusstvo 22 no. 9:43-47 '59.

MENINGES—TUBERCULOSIS

Experimental tuberculous meningitis in dogs. A. A. Batyreva. Probl. tub. 37 no. 7:90-92 '59.

Preliminary data on the treatment of tuberculous meningitis in children under three years old without subarachnoidal injection of streptomycin [in Azerbaijani with summary in Russian]. T S. Beibulova Azerb. med. zhur. no. 11:20-24 N 59

Surgical treatment of tuberculosis in patients with clinically cured tuberculous meningitis, preliminary report [with summary in French]. A N. Grinchar, Z. F. Kalandadze. Probl. tub. 37 no. 7:53-55 '59

Urgent problems in the treatment of tuberculous meningitis. D. S. Futer and others Vop. okh. mat. i det. 4 no. 6:3-7 N-D '59.

MENINGES—TUMORS

Influence of afferent stimulation on the focus of pathological activity after the removal of an extracerebral tumor [with summary in English, p. 60-61]. A. A. Sokolova. Vop. neirokhir. 23 no. 6 22-27 N-D '59.

MENINGIOMA

Tomography in the diagnosis of meningiomas of the alae of the basilar bone [with summary in English]. IA. I. Geinisman. Vest. rent. i rad. 34 no. 2·3-8 Mr-Ap '59.

MENINGITIS

Case of purulent leptomeningitis of odontogenic origin [in Azerbaijani with summary in Russian]. I. M. Kurbanov. Azerb. med. zhur. no. 11 69-71 N '59.

Outbreaks of aseptic forms of meningitis induced by ECHO virus (type 9) in child centers. J. Ondracek and others. Sov. med. 23 no. 12:81-86 D '59.

MENSURATION

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishchee.
[Interchangeability and mensuration in the manufacture of machines] Vzaimozameniaemost' i tekhnika izmerenii v mashinostroenii. Pod red. A I. IAkusheva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 232 p. (Mezhvuzovskii sbornik, no. 1)

MENTAL DEPRESSION see Depression, Mental

MENTAL FATIGUE see Fatigue, Mental

MENTAL HYGIENE CLINICS see Psychiatric clinics

MENTAL ILLNESS

Letters to the editor. L. Rokhlin. Zhur. nerv. i psikh. 59 no. 12:1519-1520 '59.

"Psychopathology in the clinical aspects of internal diseases and first aid" by T. A. Nevzorova. Reviewed by Z. A. Bondar'. Sov. med. 23 no. 12:134 D '59.

MENTAL ILLNESS—DIAGNOSIS

Fundamentals of disability evaluation of middle-aged mental cases D Melekhov Sots obesp 20 no 11 24-26 N '59

MENTALLY ILL—CARE AND TREATMENT

Compulsory treatment as one of the methods of preventing the actions of socially dangerous insane persons. IA E Svirinovskii, B V Shostakovich. Sud -med. ekspert. 2 no. 3:47-49 Jl-S '59.

MERCAPTO GROUP

In vivo experiments on the effect of α-pinene on oxygen absorption and glycolytic activity of the rat brain [with summary in English] M M Epshtein Ukr biokhim zhur 31 no 5 751-758 '59

MERCHANT MARINE—COST OF OPERATION

Calculating technological time losses on roadsteads. D. I. Volovoi, M. B. Kheifets. Rech. transp. 18 no. 12 14-16 D '59.

MERCUROPHYLLINE

Therapeutic value of the new diuretic preparation novurit [in Azerbaijani with summary in Russian] M. N. Sultanov Azerb. med zhur no 11,66-68 N '59.

MERCURY—PHYSIOLOGICAL EFFECT

Effect of low concentrations of mercury vapor and measures for controlling them in the manufacture of fluorescent lamps E I Gol'dman Gig truda i prof zab. 3 no 6 11-16 N-D '59

MERCURY—TOXICOLOGY

Contamination of reception rooms of children's nurseries with vapors of metallic mercury N F Fomin, E G Maliarenko Gig i san 24 no 11 74-76 N '59

MERCURY ACETATE

Isoxazole series. Part 10: Mercuration of isoxazoles. N. K. Kochetkov, E. D. Khomutova. Zhur. ob. khim. 30 no. 4:1269-1271 Ap '60.

MERCURY COMPOUNDS

Synthesis of ethylmercury salts. IU. A. Ol'dekop, N. A. Maier. Dokl. AN SSSR 131 no. 5:1096-1097 Ap '60.

Synthesis of mercury organic nitro compounds. Report No. 2: Mercuration of aliphatic compounds containing a labile hydrogen atom by a mercury salt of trinitromethane. S. S. Novikov, T. I. Godovikova, V A. Tartakovskii. Izv. AN SSSR Otd. khim. nauk no. 4,669-672 Ap '60.

MERCURY-COPPER-CADMIUM ALLOYS see Copper-cadmium-mercury alloys

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORES see subdivision under Crimea

MERCURY ORGANIC COMPOUNDS

Synthesis of organomercuric nitro compounds. Report No. 1: Mercuration of aromatic and heterocyclic compounds. S. S. Novikov, T. I. Godovikova, V. A. Tartakovskii. Izv. AN SSSR Otd. khim. nauk. no. 3:505-512 '60.

Synthesis of unsaturated mercury organic compounds capable of polymerization. M. M. Koton, T. M. Kiseleva. Dokl. AN SSSR 131 no. 5:1072-1073 Ap '60.

MERIDIAN-CIRCLE see Transit circle

MERLA VALLEY—VOLCANIC ASH, TUFF, ETC.

Quaternary volcanic ash in the Merla Valley I. S. Romanov. Sov geol. 2 no. 10 136-138 O '59.

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MERZON, ALEKSANDR TSEZAREVICH, 1915-1959

Aleksandr TSezarevich Merzon, obituary. Ist. SSSR 3 no. 6:214 N-D '59.

MESONS

Absorption of π^+ -mesons with energies near 50 MeV by carbon nuclei [with summary in English]. Zh. V. Laberrig-Frolova, M. P. Balandin, S. Z. Otvinovskii. Zhur. eksp. i teor. fiz. 37 no. 3:634-638 D '59.

Circular polarization of γ-quanta emitted by a nucleus after μ⁻-capture [with summary in English]. I. S. Shapiro, L. D Blokhintsev. Zhur eksp. i teor fiz. 37 no 3 760-764 S '59.

Determining the radius of a meson-nucleon interaction [with summary in English] V I. Mal'chenko Ukr fiz zhur 4 no 4 432-437 Jl-Ag '59

Electromagnetic mass of K-mesons. Chou Kuang-chao, V. I. Ogievetskii Zhur. eksp i teor. fiz. 37 no. 3 866-867 S '59.

Generation of K^+-mesons by protons from cosmic rays at an altitude of 3,250 m [with summary in English]. M. IA Balats, P. I. Lebedev, IU V. Obukhov. Zhur. eksp. i teor. fiz 37 no. 3:589-595 S '59

Resonance interactions of π-mesons. V. S. Barashenkov, V. M. Mal'tsev Zhur. eksp. i teor. fiz. 37 no. 3:884-886 S '59.

MESONS—DECAY

Beta decay of π^--mesons IU A. Budagov and others Zhur. eksp i teor fiz 37 no 3:878-880 S '59

MESONS—SCATTERING

Cross sections for elastic scattering of positive π-mesons with energies of 195 MeV by carbon and lithium nuclei. V. G. Ivanov and others. Zhur eksp. i teor. fiz. 37 no. 3: 863-866 S '59.

METABOLISM

Brain metabolism in the evolution of vertebrates [with summary in English]. E. M. Kreps, N. A. Verzhbinskaia. Izv. AN SSSR. Ser. biol. 24 no. 6 855-864 N-D '59.

Change in the carbohydrate, protein, fat and lipoid, water and salt metabolism in patients with chronic diseases of the liver and biliary tracts at the Dzhermuk Health Resort T S Mnatsakanov, G I Agadzhanian. Azerb. med. zhur no 11 25-31 N '59

Harmful effect of heated and oxidized food fats I A Karpliuk Gig i san 24 no 11 53-57 N '59

Interrelation between basal metabolism and vitamin C content in blood plasma in patients with endemic goiter A P Parashchak Vrach delo no 11 1207-1209 N '59

Nomogram for determining human metabolism. L. I. Maizel's Fiziol. zhur [Ukr.] 5 no 6:834-836 N-D '59

Studying transformations of fructose diphosphate introduced in the animal organism A A Kuznetsov, B N Stepanenko Dokl AN SSSR 132 no 1 213-216 My '60

METAL CASTINGS

Magnitude of solid-liquid state areas in various composition alloy castings. R. A. Bakhtiarov Izv. AN SSSR. Otd. tekh. nauk Met. i topl no 2:56-62 Mr-Ap '60.

METAL CLADDING

Manufacture of two-layer sheet steel. M. I. Bazhenov-Korchemnyi, P. N. Mazurik. Metallurg 4 no. 12:23-24 D '59.

Metal pressure on the rolls and thermal conditions in hot pack rolling of laminated steel-tombac. I. IA. Riazantsev. TSvet. met. 32 no. 12:55-60 D '59.

Press-forming of thin walled aluminum sheaths. A. S. Edel'man, A. V. Shternberg. TSvet. met. 32 no. 11:61-64 N '59.

METAL CLEANING

Guides to a brushing and scrubbing machine. V. P. Emel'ianov. Metallurg 4 no. 12:32-33 D '59.

Methods for removing grease from metal items S. A. Balezin, B. A Kartsovnik. Uch. zap. MGZPI 2,105-117 '59

New methods of cropping and cleaning castings. M S Kashanskii, M. A Kremer, S E Tysovskaia. Lit proizv no 12 8-9 D '59

METAL CRYSTALS

Electrical method for measuring recrystallization temperatures. V N Danilov. Zav. lab. no. 11:1338-1341 '59.

X-ray camera for the examination of the mosaic structure to cast crystals. D. E. Ovsienko, G. S. Svirskii. Zav. lab. 25 no. 12:1522-1523 '59.

METAL CRYSTALS—TESTING

X-ray investigation of distortions in the crystal structure of 15 steel, aluminum, and red copper subjected to fatigue tests. IU. S Terminasov, A. M. Toropov. Trudy LIEI no. 28,51-60 '59.

X-ray investigation of the fatigue mechanism in single metal crystals at normal and low temperatures. IU. S. Terminasov, Sh. Kh. IAr-Mukhamedov. Trudy LIEI no 28:36-50 '59.

METAL CUTTING

(see also subdivision under Ufa)

Effect of metalworking lubricants on surface smoothness and precision of machining holes. I. S. Terent'ev. Trudy LTA no. 83:173-176 '59

Heavy-feed machining of holes. I. S. Terent'ev. Trudy LTA no. 83:159-165 '59.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Cutting tool equipped with cermet [illegible] Trakt i sel'khozmash no 1 10 [illegible]

Efficient utilization of outworn metal [illegible] Shikhel'man. Mashinostroitel' no [illegible]

New cutters for finishing stereotypes [illegible] Poligr proizv no. 12 10-11 D [illegible]

Organizing the cutting-tool supply in [illegible] A. V Shestunin. Vest. mash. 40 no [illegible]

Pages from the biography of the cutting [illegible] skii. IUn. tekh. 4 no. 12:10-20 D [illegible]

METAL-CUTTING TOOLS—TESTING

Using radioisotopes in investigating the [illegible] of face-milling cutters. [illegible] 40 no. 1 62-67 Ja '60

METAL IMPLANTS see Internal fixation [illegible]

METAL INDUSTRIES—STATISTICS

Statistical methods in economic [illegible] study of the utilization of fixed [illegible] enterprise" by A. N. Ustinov [illegible] Vop. ekon no. 5:124-126 My '60

METAL SPINNING

Making low-modulus worms by spinning [illegible] Kuz -shtam. proizv. 1 no. 12 [illegible]

METAL SPRAYING

Metal spraying. B. Solov'ev. [illegible] D '59.

Metallized coatings and their use for [illegible] practices of the Gunboat Repair Yard [illegible] vich. Inform sbor TSNIIMF no [illegible]

METALLIC FILMS

Unit for the crystallization of alloys [illegible] cooling I S Miroshnichenko, I V [illegible] no 11:1398-1399 '59.

METALLIC FILMS—OPTICAL PROPERTIES

Optical properties of metal films in the [illegible] anomalous spin effect. Wang [illegible] Fetisov Opt. i spektr. 7 no [illegible]

METALLIC FILMS—SPECTRA

Spectrum analysis of thin metallic films [illegible] shtein, V G Koritskii Zav. lab [illegible] '59.

METALLIC OXIDES

Catalytic polymerization of olefins. [illegible] of adding certain metal oxides to the [illegible] gel catalyst on its activity in the [illegible] of ethylene. IA. T. Eidus, K. V. P[illegible] skii. Izv. AN SSSR Otd. khim. nauk [illegible]

Regularities in the formation of [illegible] oxides during the thermochemical [illegible] manganese and iron sulfates. V. V. P[illegible] prikl. khim. 32 no. 12:2013-20[illegible] D [illegible]

Relation between the normal potentials [illegible] sizes of the atoms and molecules [illegible] N. D. Biriukov. Zhur. neorg. khim. [illegible] D '59.

METALLOGRAPHY

Academic dissertations. Metalloved. i [illegible] no. 1:53 Ja '60.

Effect of friction on the walls of a [illegible] characteristics of metal squeezed [illegible] A. Z. Zhuravlev. Kuz. -shtam. pr[illegible] D '59

Effect of the deformation rate and temperature [illegible] value of adsorption capacity of [illegible] plasticity of metals in fusible metal [illegible] mary in English]. N V Pertsov [illegible] zhur. no. 12,77-82 D '59

Fractographic and topographic methods [illegible] metal fractures. M. P. Braun, I G F[illegible] no. 11:1334 '59.

Intergranular corrosion of 1Kh18N9T [illegible] vapor media. V. V. Gerasimov, K. A [illegible] i term. obr. met. no. 1:13-14 Ja [illegible]

Properties and stability of distortions [illegible] lattice of an electrolytically prepared [illegible] Geguzin, N. N. Ovcharenko. Izv [illegible] chern met. no. 3:165-169 '60.

Structure of secondary hardened [illegible] polishing V. A. Landa Metalloved [illegible] no 12 12-18 D '59

Tendency of OKh23N28M3D3 (EI943) steel [illegible] granular corrosion. E. V. Zotova. Metalloved [illegible] obr. met. no. 1:15-17 Ja '60.

X-ray investigation of distortions in [illegible] of 45 steel, aluminum, and red copper [illegible] fatigue tests. IU. S. Terminasov, A. M. [illegible] LIEI no. 28:51-60 '59.

X-ray investigation of distortions in the [illegible] of the surface layer of metals under [illegible] cutting. A. Alybakov, IU. S. Terminasov [illegible] no. 28,113-124 '59.

METALLOGRAPHY (Continued)

X-ray investigation of fatigue in single aluminum crystals at normal and low temperatures. IU. S. Terminasov, Sh. Kh IAr-Mukhamedov. Trudy LIEI no. 28,25-35 '59

X-ray investigation of the fatigue mechanism in single metal crystals at normal and low temperatures. IU. S. Terminasov, Sh. Kh IAr-Mukhamedov. Trudy LIEI no. 28 36-50 '59.

X-ray investigation of the mechanism of fatigue in ferrous and nonferrous metals and alloys. V. M. Bulko and others. Izv. vys ucheb. zav., fiz no. 5 93-101 '59.

X-ray investigation of the surface layers of metal under the effect of swinging friction. V. D. Sergeeva. Trudy LIEI no. 28.75-77 '59

X-ray investigation of the temperature relation of crystal lattice distortions in metals. G. A. Sirenko, V I. Khotkevich. Fiz. met. i metalloved. 8 no. 5:700-704 N '59.

X-ray investigation of the wear of metals having undergone a preliminary surface strengthening. Z. M. Abdullina, IU. S. Terminasov. Trudy LIEI no. 28:96-104 '59.

X-ray study of the fatigue mechanism in annealed and prestressed steel. V M. Bulko, IU. S. Terminasov. Trudy LIEI no 28:5-24 '59.

METALLOIDS

Thermionic emission properties of metal-like compounds [with summary in English] H. V. Samsonov, V. S Neshpor, IU. B. Paderno Ukr. fiz. zhur, 4 no. 4·508-518 Jl-Ag '59.

METALLURGICAL ANALYSIS

Determination of combined zinc in metallurgical products. S. G. Torfimova, M. A. Abdeev. Zav. lab. 25 no. 12: 1443-1445 '59.

Use of a pulse source for the analysis of slags and agglomerates. M. N. Shtutman and others. Zav. lab. 25 no. 12:1457-1459 '59.

METALLURGICAL FURNACES

(see also subdivision under Czechoslovakia)

Automatic control of electric furnaces for ore processing B V. Semenovich Prom energ. 15 no. 1,18-22 Ja '60.

Mikhailenko, A. IA., and V. V. Krapukhin. [Furnaces for nonferrous metallurgy] Pechi tsvetnoi metallurgii Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 404 p.

Old Polish Basin. Mieczyslaw Radwan. Trudy Inst. ist. est. i tekh. 25:3-43 '59.

Region of nominal voltages of furnace transformers for electric ore reduction and melting furnaces. G. F Platonov. Prom. energ 15 no. 1 11-10 Ja '60.

Thermal conductivity in a layer of lump materials. D. L. Markov, S L. Solomentsev. Izv. vys ucheb. zav.; chern. met no 3:176-183 '60.

METALLURGICAL FURNACES—COOLING

Using steam of evaporative cooling of metallurgical furnaces. P. S. Kolobkov. Izv. vys. ucheb. zav.; energ. 2 no. 11·133-138 N '59.

METALLURGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Equipment for the study of the kinetics of oxide reduction by solid carbon at high temperatures. D. I. Ryzhonkov, D. M. Golenko, L. M. Cheliadinov. Izv vys. ucheb. zav., chern met no 4:19-22 '60

METALLURGICAL PLANTS

(see also subdivision under Cherepovets; Germany, East; Moscow; Ostrava, Czechoslovakia, Sverdlovsk; Tula; Ukraine)

Nature of deformations in reinforced concrete roofing slabs of various shops of metallurgical plants. V. I. Sidenko. Prom. stroi. 37 no. 12:44-46 D '59.

METALLURGICAL PLANTS—ACCOUNTING

Sharapan, B. S. [Analysis of the economic aspects of a metallurgical plant operations] Analiz khoziaistvennoi deiatel'nosti metallurgicheskogo zavoda. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 259 p.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Kravtsov, A. F., and V. G. Alekseev. [Control and automatization of metallurgical processes; laboratory work] Kontrol' i avtomatizatsiia metallurgicheskikh protsessov; laboratornyi praktikum. Kiev, Gos. izd-vo tekhn. lit-ry USSR.

Pt. 1. [Control and measuring apparatus] Kontrol'no-izmeritel'nye pribory. 1959. 201 p.

METALLURGICAL PLANTS—FIRES AND FIRE PREVENTION see subdivision under Stalinsk

METALLURGICAL PLANTS—LABOR PRODUCTIVITY

Labor productivity in enterprises of ferrous metallurgy in southern U.S.S.R. during the prewar five-year plan periods. S. IA. Gurevich. Izv. vys. ucheb zav.; chern. met. no. 4:181-188 '60.

METALLURGICAL PLANTS—PRODUCTION STANDARDS

On establishing a norm plan in metallurgical production. S. Levin, E. Kofman, N. Kaminskii. Sots. trud 4 no. 7: 85-88 Jl '59.

METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS

Metal flow and bureaucratic dams. I. Nekhamkin. Izobr. i rats no. 1 8-11 Ja '60.

METALLURGY

(see also subdivision under Peiping)

All-Union Conference on the Problems of the Fuel Resources of the Ferrous Metallurgy of the U. S. S. R S. S Dvorin. Koks i khim. no. 12 51-54 '59.

Distribution of concentrations in an ingot in zone leveling V. N Romanenko Fiz tver. tela 1 no. 11:1679-1689 N '59

How much metal do we need? I. Shapiro. Znan. sila 34 no. 11·17-19 N '59.

[Metallurgists are fighting for technical progress] Metallurgi v bor'be za tekhnicheskii progress. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 52 p.

[Problems of contemporary metallurgy; translations and surveys of foreign periodical literature.] Problemy sovremennoi metallurgii; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury 9 no 2 '60. 196 p.

Relations between the scientists of Kazakhstan and the German Democratic Republic. G. Dmitriev. Nar. khoz. Kazakh. no. 12:81-83 D '59.

Using the method of polarization by alternating currents to investigate the kinetics of the interaction between metal and slag. IU. P. Nikitin, O. A. Esin. Izv. vys. ucheb. zav; chern. met. 2 no. 9,3-14 S '59

With a firm step forward toward communism. Metallurg 4 no. 12,1-2 D '59.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts nos. 6874-9231.] Referativnyi zhurnal: Metallurgiia no. 4 Ap '60

METALLURGY—CONGRESSES

Konferentsiia po fiziko-khimicheskim osnovam proizvodstva stali, 4th. [Physicochemical principles of steelsmaking; transactions of the 4th Conference on Physicochemical Principles of Steelmaking] Fiziko-khimicheskie osnovy proizvodstva stali; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 419 p.

Scientific conference on the metallurgy chemistry and electrochemistry of titanium. S. V. Ogurtsov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2·167-168 Mr-Ap '60.

METALLURGY—STUDY AND TEACHING

Courses for improving the qualifications of metallurgists and thermal specialists. Zav. lab. no 11·1407 '59

METALS

(see also subdivision under Caucasus, Northern)

Adsorption equilibrium and kinetics in the interaction of atoms adsorbed on a metal through the surface electron gas [with summary in English]. L I Krishtalik. Zhur fiz. khim 33 no. 12:2729-2731 D '59.

Anode processes involved in the corrosive cracking of metals. N. D. Tomashov, N. I. Isaev. Dokl. AN SSSR 132 no. 2:409-412 My '60.

Certain physical characteristics of defects arising in the deformation of a metal. S. D. Hertsriken, M. M. Novikov. Ukr fiz. zhur. 4 no 4 527-530 Jl-Ag '59.

Could not this mean a revolution in metallurgy? N. Stoliarov. Tekh mol 27 no 12 1-3 '59.

Metals as catalysts in reactions of alkylation of aromatic compounds. N. K. Rozhkova, I P. TSukervanik. Uzb. khim. zhur. no. 6:53-64 '59.

Method of determining the exchange current on a solid metallic surface by means of radioisotopes. V L. Kheifets, S. E. Vaisburd. Zhur. prikl. khim. 32 no. 8· 1781-1787 Ag '59.

Microstresses arising in metals in connection with plastic deformation. Part 2. D. M. Vasil'ev Fiz. tver. tela 1 no. 11:1736-1746 N '59.

Mineral resources in capitalist countries. N. A. Bykhover, A. F. Opalov. Razved. i okh. nedr 25 no. 10,53-59 O '59.

"Pure metals and semiconductors." Reviewed by E. I. Gurovich. Zhur. neorg khim. 4 no. 12:2837-2838 D '59.

Resistance of metals to deformation during phase transformation. V. N. Hridniev, V. M. Minakov, V. I. Trefilov. Ukr. fiz. zhur. 4 no. 4:526-527 Jl-Ag '59.

Thermionic emission properties of metal-like compounds [with summary in English]. H. V. Samsonov, V. S. Neshpor, IU. B. Paderno. Ukr. fiz. zhur. 4 no. 4.508-518 Jl-Ag '59.

METALS—ANALYSIS

Concentration by coprecipitation with calcium carbonate and the determination of a number of trace elements in natural waters, aqueous extractions, and waste waters. A. D. Miller, R. I. Libina. Zhur. prikl. khim. 32 no. 12: 2624-2631 D '59.

Conference on the analysis of rare elements. Zav. lab. no. 11:1407 '59.

Dissolution of micropowders of fused aluminum oxide and the determination of impurities it contains. N. G. Mendlina, A. A. Novoselova, R. S. Rychkov. Zav. lab. no. 11:1293-1294 '59.

Photometric determination of microquantities of sulfides and sulfur in metals from the catalytic effect on the iodine-azide reaction. A. K. Babko, L. V. Markova. Zav. lab. no 11:1283-1287 '59.

Reaction of lead, zinc, cadmium and mercury cations with sodium diethyldithiocarbamate. IU. I. Usatenko, F. M. Tulupa. Zhur. neorg. khim. 4 no. 11.2495-2499 N '59.

Spectrum analysis of solutions by the ST-7 stylometer. V. D Pisarev, N P. Vasil'ev Zav. lab. 25 no. 12:1154-1455 '59.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—BRITTLENESS

Characteristics of the brittle strength of cast iron. G. V. Chertkov. Trudy LTA no. 83 111-133 '59.

METALS—COLD WORKING

Some problems of hardening during cold upsetting. Kuz.-shtam. proizv. 1 no. 12·11-14 D '59

METALS—DEFECTS

Physical processes for determining the possibility of revealing defects in solids moving in a permanent magnetic field. B. F. Kononkov Izv. vys. ucheb. zav.; fiz. no 5:102-108 '59.

Relation of the zone of crack-type defects to the thickness of the metal layer covering it. V. V. Vlasov, R. E. Ershov. Fiz. met i metalloved. 8 no. 5:689-693 N '59.

METALS—ELECTRIC PROPERTIES

Anisotropy of electrical conductivity in a magnetic field and topology of Fermi surfaces of metals [with summary in English]. N. E. Alekseevskii, IU. P. Gaidukov. Zhur. eksp. i teor. fiz. 37 no. 3·672-677 S '59.

Relation between the normal potentials of metals and the sizes of the atoms and molecules of metallic oxides. N. D. Biriukov Zhur. neorg. khim. 4 no. 12·2670-2681 D '59.

Relation between thermal and thermoelectric properties of metals IA S Volozhin Izv. vys. ucheb. zav., chern met. 2 no 8:91-99 Ag '59.

METALS—ETCHING

Amperometric method for determining fluorine in pickling solutions V. F Mal'tsev, V P. Novak Zav. lab no. 11·1296-1297 '59.

METALS—FATIGUE

Estimating the fatigue strength of locomotive springs. L. K. Prokopenko. Trudy MIIT no. 110 151-180 '59.

Measurement of temperature during fatigue tests. T. P. Zakharova. Zav. lab. 25 no. 12:1508-1509 '59

X-ray investigation of the mechanism of fatigue in ferrous and nonferrous metals and alloys. V. M. Bulko and others. Izv. vys ucheb. zav., fiz. no 5:93-101 '59.

METALS—FINISHING

Compressed air and electric arc planning of metal. P. B. Kolfadin. Sudostroenie 25 no. 12:53-54 D '59.

METALS—HARDNESS

Using empirical formula parameters connecting hardness with temperature, time length of loading effect, and pressure to determine the solubility boundaries in the solid state. V. P. Shishokin, A. E. Nikerov Izv. vys. ucheb. zav.; chern. met. no. 3:91-95 '60.

METALS—SPECTRA

Analysis of zirconium in the presence of impurities by the use of mandelic acid. L. S. Bondarenko and others. Zav. lab. 25 no. 12:1476-1477 '59.

Brief reports. Zav. lab. 25 no. 12:1483-1485 '59.

METALS—TESTING

Conditions of reversibility for the process of the failure of metals under load. B. IA. Pines, A. F. Sirenko. Dokl. AN SSSR 131 no. 6:1312-1315 Ap '60.

Determining internal friction in metals. IU. K. Favstov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2·140-143 Mr-Ap '60.

Increasing the precision in measuring the hardness of metals. B. M. Ovsiannikov, L. T. Timoshuk. Zav. lab. no. 11:1389-1391 '59.

Method for elaborating the results of testing for the long-period strength. V. I. Nikitin. Zav. lab. 25 no. 12: 1402-1406 '59.

Resistance to abrasive wear and the Young modulus of metals and alloys. M. M. Khrushchov, M. A. Babichev. Dokl. AN SSSR 131 no. 6:1310-1322 Ap '60.

METALS—TESTING—BIBLIOGRAPHY see Bibliography—Metals—Testing

METALS—THERMAL PROPERTIES

Relation between thermal and thermoelectric properties of metals. IA. S. Volozhin. Izv. vys. ucheb. zav.; chern. met. 2 no. 8:91-99 Ag '59.

METALS, EFFECT OF RADIATION ON

Investigating the properties and structure of metals and of some steels after irradiation by fast neutrons Sh Sh Ibragimov, V. S. Liashenko, A I. Zav'ialov. Atom energ. 8 no. 5·413-419 My '60.

METALS, EFFECT OF TEMPERATURE ON

Effect of test temperatures on the fatigue strength of carbon steel specimens with stress concentrations affected by a molten Pb-Sn eutectic. M. I. Chaevskii. Fiz. met. i metalloved. 8 no. 5:789-791 N '59.

Thermal treatment of liquid metals and its effect on the mechanical properties of castings. A G. Spasskii, B A Fomin, S A Aleinikov. Izv vys ucheb zav , tsvet. met 2 no 6:162-165 '59

Thermoelectric properties of magnetite in the 80 to 400° K temperature range. A. A. Samokhvalov, I. G Fakidov. Fiz. met. i metalloved. 8 no. 5:694-699 N '59.

Traces of overheating revealed by X rays in the structure of steel. B A. Leont'ev Izv vys. ucheb. zav ; chern met 2 no 8:87-89 Ag '59

X-ray investigation of fatigue in single aluminum crystals at normal and low temperatures. IU. S. Terminasov, Sh Kh. IAr-Mukhamedov. Trudy LIEI no. 28.25-35 '59.

X-ray investigation of the fatigue mechanism in single metal crystals at normal and low temperatures. IU. S. Terminasov, Sh. Kh. IAr-Mukhamedov. Trudy LIEI no. 28:36-50 '59.

METALS, FREE ELECTRON THEORY OF see Free electron theory of metals

METALS, RARE AND MINOR

Distribution of rare elements in the products of copper and copper-zinc ore dressing. A. I. Okunev, V. A. Oshman, A. V. Petrov. TSvet met 32 no 12:49-54 D '59

Utilization of rare metals in railroad transportation. N. A. Bushe. Vest. TSNII MPS 19 no. 1 52-54 '60.

METALS AT HIGH TEMPERATURES

Action of the nitrate - nitrite fused mixture and its components on molybdenum, tungsten, zirconium, tantalum, and niobium. E. I. Gurovich, G. P. Shtokman. Zhur. prikl. khim. 32 no. 12:2673-2677 D '59.

Heat content and capacity of niobium oxides and carbides at high temperatures. P. V. Gel'd, F. G. Kusenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:79-86 Mr-Ap '60.

High temperature research on alloys with phases having similar lattices with close spacing. I I. Tatarenko, B. M. Rovinskii. Fiz. met. i metalloved. 8 no. 5:731-734 N '59.

Investigating the behavior of the nitrated layer in fittings at high temperatures. A. V. Ratner, L. G. Leonova. Teploenergetika 7 no. 1:59-63 Ja '60.

Investigating the kinetics of high temperature oxidation of tungsten in habitual and deformed states. V. A. Lavrenko, I. N. Frantsevich. Vop. por. met. i prochn. mat. no. 6:42-52 '58.

Oxidizability of steel and cast iron at high temperatures E M. Blank Metalloved. i term obr met no 12 53-54 D '59.

Plasticity of high-temperature modifications of polymorphous metals. E. M. Savitskii, Ch. V. Kopetskii. Dokl. AN SSSR 131 no. 5:1137-1139 Ap '60.

METALS AT LOW TEMPERATURES

Effect of low temperatures on the type of fracture and the toughness of steel. M. P. Braun. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:104-109 Mr-Ap '60.

Investigating the mechanical properties of metals at the temperature of liquid helium. O. V. Kliavin, A. V. Stepanov. Fiz. tver. tela 1 no. 11:1733-1735 N '59.

Unit for cooling test pieces at low temperatures. I. S. Mel'nikov Zav. lab. no. 11:1378-1380 '59

METALWORK

Criteria of plasticity in press working of metals. M. A. Zaikov, V. N. Peretiat'ko Izv. vys. ucheb. zav. ; chern. met. 2 no. 8:75-86 Ag '59.

Flanging of hull construction sections on forging rolls; Vano Sturua Ship Repair Yard. M Vaisman. Inform. sbor. TSNIIMF no. 26:33-34 '58.

Increasing the load capacity and reduction of the required precision of machining of some machine parts. B. A. Morozov Izv. vys. ucheb zav , mashinostr. no. 5: 149-155 '59

Method of rupture solutions and its accuracy. V. L Kolmogorov Izv vys. uchev. zav. ;chern. met. no. 3: 26-29 '60.

Rapid electric induction heating of highly alloyed steel blanks. IU. M. Bogatyrev. Kuz.-shtam. proizv. 1 no. 12:36-43 D '59.

METALWORKING LUBRICANTS

Effect of metalworking lubricants on surface smoothness and precision of machining holes. I. S. Terent'ev. Trudy LTA no. 83:173-176 '59.

METEORITES

Meteorites and their role in the cosmogony of the solar system. V. G. Fesenkov. Izv. Krym. astrofiz. obser. 16:228-238 '56.

New "Luhy" meteorite in Czechoslovakia. Z. Ceplecha, J. Rajchl, L. Sehnal. Astron. tsir. no. 203:17 Je '59

Relation between the structure of iron meteorites and their chemical composition. A. A. IAvnel'. Dokl. AN SSSR 131 no. 5:1049-1052 Ap '60.

METEOROLOGICAL INSTRUMENTS

Clock mechanisms for hydrometeorological instruments. K. N. Manuilov, G. S. Aksel'rod, L. A. Shestopalov. Trudy NIIGMP no. 8:90-98 '59.

Cylindrical ribbon spring as a transmission mechanism. K. N. Manuilov Trudy NIIGMP no. 8.71-85 '59.

Motion and tractive force of the free end of a bimetallic plate. S. I. Nepomniashchii. Trudy NIIGMP no. 8:86-89 '59.

Ozone measurement from the airplane. G. P. Gushchin. Trudy GGO no. 93:60-69 '59.

Photoelectric cloud meter with a pluse-type source of light. F. N. Shevchenko, N. S. Varzhenevskii, L. S. Kleban. Trudy NIIGMP no. 8:23-29 '59.

Polarizing apparatus for horizontal visibility measurements in meteorology. L. L. Dashkevich. Trudy NIIGMP no. 8:3-10 '59.

METEOROLOGICAL OPTICS

Brightness distribution in the day and night sky. K. K. Korchigina, V. I. Miukhkiuria, T. A. Smirnova. Trudy GGO no. 93:95-103 '59.

Shining crosses and swords in the skies D Mishutin Nauka i zhyttia 8 no 5 38-40 My '58.

METEOROLOGICAL STATIONS see subdivision under Antarctic regions

METEOROLOGISTS see subdivision under Krasnoyarsk Territory

METEOROLOGY see subdivision under Antarctic regions

METEOROLOGY—CHARTS, DIAGRAMS, ETC.

Sokhrina, R. F., O. M. Chelpanova, and V. IA. Sharova. [Air pressure, air temperature and atmospheric precipitation in the Northern Hemisphere] Davlenie vozdukha, temperatura vozdukha i atmosfernye osadki severnogo polushariia. Pod red. O. A. Drozdova i T. V. Pokrovskoi Leningrad, Gidrometeor. izd-vo, 1959. 473 p.

——— [Atlas of charts] Atlas kart.

METEOROLOGY—ELECTROMECHANICAL ANALOGIES

Temperature field in front of a pointed cape (according to model studies). IU. F. Vasil'ev, S. M. Popov Izv. AN SSSR. Ser. geofiz. no. 4:557-565 Ap '60.

METEOROLOGY—TABLES, ETC.

Fundamental tables for computing the total amount of ozone from data obtained by optical observation methods. G. P. Gushchin. Trudy GGO no. 93:104-114 '59.

METEOROLOGY, AGRICULTURAL

(see also subdivision under Krasnodar Territory)

Hydrometeorological information provided for range stockbreeding. A. T. Bergun. Vest. AN Kazakh. SSR 15 no. 12:96 D '59.

METEOROLOGY IN AERONAUTICS

Aerosynoptic conditions of turbulent streams in the atmosphere causing bumpy flight of airplanes on the line Sukhumi - Tiflis - Erivan. V. P. Lominadze, D. A. Napetvaridze. Trudy Tbil NIGMI no. 4:112-123 '59.

Meteorological safety in winter flights. V. M. Belousov, M. F Kaistrenko. Vest Vozd. Fl no. 12 49-54 D '59.

METEORS

Applying methods of photographic astrometry to problems in the study of meteors. A. K. Sosnova. Biul. Kom. po komet i meteor. AN SSSR no. 4:19-33 '59.

Data of the activity of Geminids 1958 and Quadrantids 1959 meteor showers. A. K. Terent'eva. Astron. tsir. no. 203:17-19 Je '59.

History of studying variations in meteor numbers. B. IU. Levin. Biul. Kom po komet. i meteor AN SSSR no. 4: 3-8 '59.

Statistical characteristics of radio echoes from meteor trails. E. I. Fialko. Biul Kom. po komet i meteor AN SSSR no. 4:9-17 '59

Using the "Strela" electronic digital computer in processing measurements of meteor photographs. A. K. Sosnova. Biul Kom. po komet. i meteor. AN SSSR no 4:35-41 '59

METEORS—AUGUST

Observation of a fireball in Kazakhstan on August 12, 1958 IU. Priakhin. Astron. tsir. no. 203:16-17 Je '59.

Observations of a bright fireball in Kazakhstan on August 6, 1958 IU. Priakhin. Astron. tsir. no. 203:16 Je '59.

Results of photographic observations of Perseids with polaroids. D. L. Astavin-Razumin. Biul. VAGO no. 24: 57-60 '59.

METEORS—DECEMBER

Observations of Ursid meteor shower from an airplane. A. K Terent'eva Astron. tsir. no. 203:14-16 Je '59.

METEORS—SPECTRA

Spectrum of the meteor of January 3-4, 1957. A. M. Bakharev. Biul. Kom po komet. i meteor. AN SSSR no. 4:43-46 '59.

METERS, ELECTRIC see Electric meters

METHACRYLAMIDE

Light scattering and viscosity of acetone solutions of polyphenylmethacrylamide fractions [with summary in English] V N TSvetkov, V. G. Aldoshin Zhur. fiz. khim 33 no 12:2767-2769 D '59.

METHACRYLIC ACID

Diffusion of polybutylmethacrylate in good and ideal solvents V. N TSvetkov, S. I. Klenin. Zhur tekh fiz. 29 no 11:1393-1399 N '59

Photosensitized polymerization of methyl methacrylate. M. P. Tikhomolova, M M. Koton, A N. Baburina Zhur prikl. khim. 32 no. 8:1874-1876 Ag '59.

Production of polyelectrolytes based on derivatives of methacrylic and acrylic acid. M. N. Savitskaia. Zhur. prikl. khim. 32 no. 8 1797-1802 Ag '59.

Synthesis of vinyl monomers. Part 9: Anhydrides of methacrylic acid. A. IA. IAkubovich, L. I. Muler, M. V. Bazilevskii. Zhur. ob. khim. 30 no. 4:1271-1276 Ap '60.

METHANE

(see also subdivision under Great Britain)

Catalyst for determining methane in mine air. V. S. Kravchenko and others. Zav. lab. 25 no. 12:1448 '59.

Effect of mesophilic methane fermentation on the survival rate of weed seeds I F Romashkevich. Zemledelie 4 no. 1 82-83 Ja '60.

Homogeneous catalysis in the gas phase oxidation of hydrocarbons. Report No. 1: Nature of two maxima of heat emission. N. S. Enikolopian, G. P. Konarova. Izv. AN SSSR Otd. khim. nauk. no. 3:419-426 '60.

Nitration of parahydroxydiphenyldimethylmethane in the presence of urea. A. V. Topchiev, N. N. Koptsov, I. N Zalesskaia. Dokl. AN SSSR 132 no. 2:371-373 My '60

Obtaining ethylal from formalin and ethyl alcohol. D. M. Vinokurov. Nauch. dokl. vys. shkoly. lesoinzh. delo no. 2:218-219 '59.

Reduction of langbeinite by methane. S. V. Kushnir, IA. P. Berkman. Zhur. prikl. khim. 32 no. 12:2655-2661 D '59.

Synthesis of mercury organic nitro compounds. Report No. 2: Mercuration of aliphatic compounds containing a labile hydrogen atom by a mercury salt of trinitromethane. S. S. Novikov, T. I. Godovikova, V. A. Tartakovskii Izv. AN SSSR Otd. khim. nauk no. 4:669-672 Ap '60.

METHANE—SPECTRA

Spectra and halochromism of bis(2-dimethylamino-5-pyridyl)methane. V. F. Lavrushin, S. V. TSukerman, T. M. Shmaeva. Zhur. ob. khim. 30 no. 4:1356-1359 Ap '60.

METHANOL

(see also subdivision under United States)

Solubility of hydrogen sulfide in methanol at a low temperature IA D. Zel'venskii, A. V. Strunina Gaz. prom. 5 no 1 42-47 Ja '60.

METHYLATION

Methylation of oil shale kerogen by diazomethane S. S Semenov, IU I. Korniiova, N. D. Dokshina Trudy VNIIT no 8 28-34 '59

METRAZOLE

Automatic control of pH in the production of corasole and aminazine. M A Portnov Med prom. 13 no. 12:29-35 D '59

MEXICO—DESCRIPTION AND TRAVEL

Good luck to you, Mexicans! G. Borovik. Ogonek 38 no. 3,16-16d Ja '60.

MEXICO—SCIENCE

Science in Mexican history. Eli de Gortari. Vest. ist. mir. kul't. no. 6:17-28 N-D '59.

MEZEN' VALLEY—RED CLOVER

Wild red clover of the Mezen' bottom lands as a promising plant for cultivation. L. I. Korkonosova. Trudy Bot inst Ser. 6 no. 7:198-199 '59.

MEZIN REGION—GEOLOGY

Geology of the Mezin paleolithic site. H. S. Rudenko Nauk. zap. Kyiv. un. 16 no 14:79-85 '57.

MEZINCESCU, EDUARD, 1909-

People and events: Eduard Mezincescu. Nov. vrem. 18 no. 18:17 My '60.

MICA

(see also subdivision under Keyvy Upland)

Ways to lower consumption of mica insulating materials in the construction of electric locomotives. A. V. Sokolov. Elek. i tepl. tiaga 3 no. 12:35-37 D '59.

MICE see subdivision under Kyzyl Kum

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Bakharev, A. N. [Darwin and Michurin] Darvin i Michurin. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959 142 p.

MICHURINSK DISTRICT

Monetary payment of wages on collective farms in Michurinsk District. V. Pronin. Ekon. sel'khoz. 31 no 1:45-52 Ja '60.

MICHURINSKOYE—AGRICULTURE—STUDY AND TEACHING
Students of Michurinskoye are doing great work. S. Gal'perin Prof.-tekh. obr. 16 no. 12:4 D '59.

MICROBIOLOGICAL RESEARCH see subdivision under United States

MICROBIOLOGY
Bilai, V.I. [Conquerors of the invisible, from the history of Soviet microbiology] Peremozhtsi nevydymykh; z istorii vitchyznynoi mikrobiologii. Kyiv, Radians'ka shkola, 1957. 185 p.
(DNLM)

MICROCHEMISTRY
Carrying out microanalyses in a thermal analysis laboratory. K. G. Riabtsev Zav. lab. 25 no. 12:1534-1535 '59.

MICROCLIMATOLOGY
Microclimatic conditions in apple tree crowns M D. Kushnarenko, N M Chernykh Sad i og 97 no 12 44-46 D '59

MICRO-ORGANISMS
Factors transforming the properties of micro-organisms [with summary in English]. N. A. Krasil'nikov. Izv. AN SSSR. Ser. biol. 24 no. 6:814-831 N-D '59.

MICRO-ORGANISMS, NITROGEN-FIXING see subdivision under Black Sea

MICRO-ORGANISMS, PATHOGENIC
Kolesov, S. G. [Anabiosis of pathogenic microorganisms] Anabioz patogennykh mikroorganizmov. Moskva, Sel'khozgiz, 1959. 141 p.
(DNLM)
Viability of certain pathogenic micro-organisms in soil [with summaries in English, German, and French]. E. I Gurova Vest sel'khoz. nauki 4 no 12 130-133 D '59.

MICROPALEONTOLOGY see subdivision under Azerbaijan

MICROPHOTOGRAPHY
Simple method of controlling vibration in microphotography. I. F. Van'shev, L. V. Kalakutskii. Lab delo 6 no. 1:52-53 Ja-Fe '60.

MICROPHOTOMETER
Attachment to the MF-4 - microphotometer. A. N. Latyshev, L. F. Fogel'son. Zav. lab. 25 no. 12:1521-1522 '59.
Quantitative evaluation of calcium metabolism in the enamel and dentine by microphotometry E. V. Borovskii. Stomatologiia 38 no 6.9-11 N-D '59.

MICRORESPIROMETER see Respirometer

MICROSCOPE
(see also subdivision under Poland)
Second voyage to the microscopic world S P Ivanov Znan.-sila 34 no 12 6-8 D '59.

MICROSCOPY
Microscopic method of examining meat and meat products. N. Naletov. Mias. ind. SSSR 30 no. 2:44-45 '59

MICROWAVE AMPLIFICATION BY STIMULATED EMISSION OF RADIATION see Masers

MICROWAVES
Measurement of conductance of a semiconductor in the microwave region. V. Gusa, B. Kvasil Radiotekh. i elektron. 5 no. 5:796-805 My '60.
Oscilloscopic indicator for a wave meter N N Ivanchinov-Marinskii Trudy MEI no 27 294-299 '58
Propagation of ultrashort radio waves in a city. N. D. Dymovich. Elektrosviaz' 13 no 12:26-34 D '59.
Ribbon shaped electron beam in a periodic magnetic field with an arbitrary degree of cathode shielding. I. V. Aliamovskii. Radiotekh. i elektron. 5 no. 5:827-833 My '60.
Use of an auxiliary pulse discharge for raising the protective quality of microwave discharge tubes I V. Lebedev Trudy MEI no 27.289-293 '58

MICRURGY
Use of partial-cell irradiation in studying localized effects of ultraviolet rays on living cells S. S. Chakhotin. TSitologiia 1 no. 6:614-626 N-D '59.

MIDDLE EASTERN WAR, 1956
Memoirs of Anthony Eden (conclusion). Mezhdunar. zhizn' 7 no. 5:134-141 My '60.

MIKHEEV, VADIM VLADIMIROVICH, 1899-
Vadim Vladimirovich Mikheev; on his 60th birthday. Sov. med. 23 no. 12:132-133 D '59.

MILAN—PRINTING INDUSTRY—EXHIBITIONS
International Printing Exhibition in Milan K A Zharov Poligr proizv no 12 22-24 D '59

MILAN—TIRES, RUBBER
Ethylene-propylene copolymer "C-23" (from "Rubb. a Plast. Age," 40, no. 5, 1959). Kauch. i rez. 18 no. 12. 57 D '59.

MILDEW
Golovin, P. N. [Powdery mildew fungi parasitic on cultivated and wild useful plants] Muchnisto-rosianye griby, parazitiruiushchie na kul'turnykh i poleznykh dikikh rasteniiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 262 p

MILITARY ASSISTANCE, AMERICAN see subdivision under Japan

MILITARY DISCIPLINE
Military discipline and its meaning in combat. F. Leont'ev. Voen znan 36 no. 4:19-21 Ap '60

MILITARY EDUCATION
(see also subdivision under Brest; Kostroma Province; Moscow Province, Sverdlovsk, Tashkent)
"Attract more young people into radio clubs." Radio no. 12.36 D '59.
Develop our youth's interest in technical forms of sport. Radio no. 12:1-2 D '59.
Leading clubs of the All-Union Volunteer Society for the Assistance to the Army, Air Force, and Navy. Voen znan 36 no 5:23 My '60.
Socialist competition in action G Tomilin Voen znan 36 no. 5 20 My '60
Sport results of the year N. Kazanskii. Radio no. 12: 12-13 D '59.
Towards new frontiers G. Shatunov Voen. znan 36 no 5 15-17 My '60

MILITARY ENGINEERING
[The Soviet military engineers, 1918-1940; collection of articles] Sovetskie inzhenernye voiska v 1918-1940 gg.; sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 141 p.

MILITARY JOURNALISM see Journalism, Military

MILITARY LAW
Pobezhimov, I. F. [Legal regulation of the development of the Soviet Army and Navy] Pravovoe regulirovanie stroitel'stva Sovetskoi Armii i Flota. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 145 p.

MILITARY OFFENSES
Shalaginov, V. K. [Before the court of law; notes of a member of the military tribunal] Pered litsom zakona; zametki voennogo iurista. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 44 p.

MILK
Amino acid content of protein in the milk of cows and their progeny [with summaries in English, German, and French] P. V Kugenev, M. I. Medvedeva Vest sel'khoz. nauki 4 no. 12 137-139 D '59
Changes in the amino acid composition of the proteins in cow's milk during lactation. V. G IAkovlev, G. N Ozerova. Trudy Inst zool. i paraz AN Kir. SSR no. 7: 3-8 '59.
"Ionite" milk and its use for the feeding of infants. E. Khokhol, V. Ott. Moloch. prom. 20 no. 12:7-8 D '59.
"Milk Day." P. Zhovner. Moloch. prom. 20 no. 12:36 D '59.
Milk in school. B. Sergeev. Moloch. prom. 20 no. 12: 19-20 D '59.
The OMB-2 separator for removing impurities from milk. L. V. Shutova. Biul. tekh.-ekon. inform. no. 12:46-48 '59.
Significance of milk in adult nutrition [with summary in English]. M. S. Marshak. Sov. zdrav. 18 no. 12:24-27 '59.

MILK—ANALYSIS AND EXAMINATION
Chromatographic method for determining the fat content of milk products. N. Morzova, K. Ol'shanova. Moloch. prom. 20 no. 12:26 D '59.
Determining protein content in milk by the formol titration method. A. Dudenkov. Moloch. prom. 20 no. 12: 37-39 D '59.

MILK—COMPOSITION
Effect of feeding and breed on the carotine and vitamine-A content of milk and butter O. D. Ezdakova. Biul. nauch.-tekh inform VIZH no. 1 48-50 '57.

MILK—TRANSPORTATION see subdivision under Kras-

MILK, CANNED
(see also subdivision under Arkadak)
Canned milk industry in the seven-year plan. Moloch. prom. 20 no. 12:1-2 D '59.
Efficient method for packing canned milk. K. Petrik. Moloch. prom. 20 no. 12:18 D '59.

MILK, HUMAN
Cobalt and nickel concentration in the colostrum, transitional and ripe human milk during individual months of lactation O G. Kopytkova Vestsi AN BSSR. Ser biial nav. no 4:142-144 '59.
Some changes in the composition of women's milk in hypolactation. L. G. Kovtunova. Vop. okh. mat. i det. 4 no. 6 89 N-D '59.

MILK, REMADE
Improving the quality of reconstituted milk. V. Razumovskii. Moloch. prom. 20 no. 12:29 D '59.

MILK AS FEED
Effect of different degrees of milk feeding on the growth of 18-month-old Ala-Tau heifers N IA. Boslkova, R. N Odynets. Trudy Inst zool. i paraz. AN Kir SSR no 7: 15-32 '59

MILK PLANTS see subdivision under Nauen, Germany; White Russia

MILK VETCHES see subdivision under Azerbaijan; Turkmenistan

MILKING
Ring of courage. V. Tarasevich. Ogonek 38 no. 1:6 Ja '60.

MILKY WAY
Investigating spectra and color indices of stars in some regions of the Milky Way. E. S. Brodskaia. Izv. Krym. astrofiz. obser. 16,219-221 '56.
Spectrophotometry of six bright clouds of the Milky Way. E. B. Kostiakova. Izv. Krym. astrofiz. obser. no. 12:118-133 '54.
Studying the structure of the Galaxy by means of emission nebulae. V. F. Gaze. Izv. Krym. astrofiz. obser. no. 12. 88-92 '54

MILLET
Millet is a crop valuable for groats. F. IA. Malygin. Sel'khoz. Povol. 5 no. 11:67-68 N '59.

MILLET—VARIETIES
Reaction of millet varieties to changes in temperature. Z. P. Rostovtseva. Agrobiologiia no. 6,863-867 N-D '59.

MILLIKAN, ROBERT ANDREWS, 1868-1953
Robert Millikan, American physicist. Mitchell Wilson. IUn. tekh. 4 no. 11:52-56 N '59.
Robert Millikan, American physicist. Mitchell Wilson (conclusion). IUn. tekh. 4 no. 12:51-56 D '59.

MILLING MACHINERY
New machinery for stone crushing plants I T. Sidorenko Put' i put khoz no 12 2 of cover. 19-20 D '59
Practices of renovating cement mills. N. M. Stepukhovich. TSement 25 no. 6:15-17 N-D '59.

MILLING MACHINES—STANDARDS
Vertical milling machines. L. I. Karmilova. Standartizatsiia 23 no. 12:40 D '59.

MILOVICH, ALEKSANDR IAKOVLEVICH, 1874-1959
Aleksandr IAkovlevich Milovich; obituary. Gidr. stroi. 28 no. 2:63 F '59.

MIL'SKAYA STEPPE—SCULPTURE, ANCIENT
Molded figure of a human head from Mil'skaya Steppe [in Azerbaijani with summary in Russian]. O Sh. Ismizade. Dokl. AN Azerb. SSR 15 no 12:1181-1185 '59

MINE COMMUNICATION
Sparkproof amplifier for the TUD-2 centralized control. M A. Rol'nik, L. I. Rappoport. Ugol' 34 no. 12:25-28 D '59.

MINE DRAINAGE
Driven-in filters. A. L'vov. Mast. ugl. 8 no. 2:20 F '59.
Efficiency promoter. M. Samoilov. Mast. ugl. 8 no. 2: 21 F '59.
Hydrogeological conditions of mining deep-lying deposits of rich, Krivoy Rog Basin ores. V. D. Natarov. Gor. zhur. no. 1:15-21 Ja '60.

MINE DUSTS
(see also subdivision under Krivoy Rog)
Dispersed composition of dusts in complex ore mining. M. V. Levitskii and others. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6:26-34 '59.

MINE DUSTS—SAFETY MEASURES
(see also subdivision under Kuznetsk Basin)
Dust removal from the air in blind coal mine workings. N. F. Grashchenkov. Bezop. truda v prom. 4 no. 1: 4-7 Ja '59.

MINE FILLING
Open-pit system for mining steep and inclined seams with filling of worked-out areas with barren rock. V. F. Barabanov, P. I. Tomakov, I. I. Dergachev. Ugol' 34 no. 12: 6-8 D '59.

MINE FIRES see subdivision under Ege-Khaia; Kuznetsk Basin

MINE GASES
Motion (gas exchange) of mine air in the reaction chamber of a thermocatalytic mine damp detector [with summary in English]. N. I. Furman. Dop. AN URSR no. 10: 1100-1105 '59.

MINE HAULAGE
(see also subdivision under Donets Basin; Kuznetsk Basin)

Automatization of winches for endless rope haulage in inclined workings G G Tomaev Ugol' Ukr 3 no 12 36-37 D '59

Poliakov, N. S., I. G. Shtokman, and E. K. Komarova. [Problems and exercises on mine haulage] Sbornik zadach i uprazhnenlia po rudnichnomu transportu. Izd 2., dop. i perer Moskva, Ugletekhizdat, 1959. 256 p.

Review of "Problems in over-all mechanization of underground transportation." A. A. Shwartsman. Mekh. i avtom. proizv. 13 no. 12,57-58 D '59.

MINE HAULAGE—CONGRESSES

Scientific technological conference in the Urals on open-pit mine haulage I I Russkii Izv. vys ucheb. zav, gor zhur no 3:163-164 '59

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Use of wedge-shaped brake bars for the buggies developed by the Makeyevka Scientific Research Institute for Mine Safety. L M Breslavskii Izv vys ucheb zav, gor zhur no 6 66-69 '59

MINE HOISTING
(see also subdivision under Kuznetsk Basin)

Automatic skip hoist I K Khrustalev Izv Sib otd AN SSSR no 10 37-48 '59

Dynamic loading of hoisting wire ropes in certain mines, of "Novovolynskugol" Trust V F Stoliarchuk Izv. vys ucheb zav, gor zhur. no 6 108-114 '59

Efficient parameters of skip hoisting plants. N. K. Pravitskii, IU. G. Krichok, N. M. Olifirenko Gor. zhur. no. 1:68-72 Ja '60.

Flow-sheets for shaft sinking with skip hoisting E. L. Shishov Ugol' Ukr. 3 no 12 13-16 D '59

Investigating the performance of industrial speciments of dump skips without skip dump tracks in the general mine hoisting system, static analysis. A P Zimin Izv vys ucheb zav, gor zhur no 6 115-126 '59

Performance characteristics of hoists with use of shaker platforms E S Traube Ugol' Ukr 3 no 12 16-19 D '59

Providing for a potential performance increase in mine hoisting Izv. vys ucheb zav, gor. zhur no 7:149-156 '59

Speed up the construction of multiple-rope hoisting units Ugol' Ukr 3 no 12 43 D '59

Use of a microsecond-delay drive for stopping the hoist IU N Kamynin Ugol' Ukr 3 no 12 19-21 D '59

Wire section contours in spiral twist wire ropes. L. I. Zhukov Izv. vys ucheb zav, gor. zhur. no 7:87-98 '59

MINE HOISTING—BRAKES

Maximum acceptable slow down in applying brakes to man cars in inclined workings L. M. Breslavskii Izv. vys. ucheb. zav, gor zhur. no 7:82-86 '59

MINE HOISTING—ELECTRIC DRIVING

Synthesis of the structural diagram of automatic control systems for the slowing down motion of mine skip hoists with asynchronous drives. M. N. Zaritskii Izv. vys. ucheb. zav, gor. zhur no. 7:109-120 '59.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Analyzing the utilization of mine hoisting ropes and ways to increase their life. N. G. Babaev. Sbor. nauch. rab. stud. LGI no. 2:142-149 '57.

MINE MANAGEMENT

Beilin, L. D., ed. [Handbook of a mine building foreman] Spravochnik gornogo mastera-shakhtostroitelia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 543 p.

Discontinuous mine operation. IA. Puchkov, D. Kovalev. Mast. ugl. 8 no. 2:9-10 F '59.

Effectiveness of operating conditions in mining enterprises, A. V. Baronenkov. Gor. zhur. no. 1:6-10 Ja '60.

Increasing labor productivity in auxiliary operations. G. E. Simforov. Gor. zhur. no. 1:10-16 Ja '60.

Organization of a cyclic system of longwall working with cutter-loaders in Gukovugol' Trust mines. V. V. Mamonov. Ugol' 34 no. 12:15-19 D '59.

"Planning in coal mining enterprises" by T M Dudnik Reviewed by L. A. Starikov and others Ugol' Ukr. 3 no 12 42 D '59.

MINE PUMPS

Calculating axial forces in centrifugal mine pumps. E. P. Ognev Izv. vys. ucheb zav., gor. zhur no 6.80-89 '59.

Development of mine pumping, before the start of the 20th century. S. V. Shukhardin. Trudy Inst. ist. est. i tekh. 25:84-160 '59.

Introducing automatic control of low and medium capacity mine pumps. G. V. Kir'ian, I. F. Grebeniuk. Sbor. nauch. rab. stud. LGI no. 2:135-141 '57.

Pumps operate better. V. Ban'kovskii. Mast. ugl. 8 no. 2:21 F '59.

MINE RAILROADS

Current efficiency of mine electric locomotive motors. F. S. Leont'ev Izv vys ucheb zav., gor zhur. no 6: 60-65 '59.

Mine hopper train S N Ivanenko Ugol' Ukr 3 no 12 38 D '59

Mobile siding. E Volkov. Mast. ugl. 8 no. 2:20 F '59.

Use of explosion-proof locomotives with gyroscopic drive in coal mines N N. Petukhov Izv. vys. ucheb zav., gor zhur no 3:88-98 '59

Worm conveyer on rails. A. M. Shabalin Izv. vys. ucheb. zav., gor zhur no 3:105-110 '59

MINE ROOF BOLTING
(see also subdivision under Kuznetsk Basin, Lvov-Volyn' Basin)

Investigating the effect of prestretching rods to the carrying capacity of the massif. G. I. Kravchenko. Izv. vys. ucheb zav, gor. zhur. no. 2:17-27 '59

MINE SURVEYING

Bugaets, E. A. [Photogrammetry in mining] Fotogrammetriia v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 243 p.

Calculations for orientation through two vertical shafts. V. I. Akulov. Ugol' 34 no 12:32-34 D '59.

Determining the parameters of rectangular affine and axonometric projections. G. I. Iozef. Izv. vys. ucheb zav, gor zhur no 6 14-22 '59.

Experience in orientation through two shafts. I M. Batugina, S. A Batugin Ugol' 34 no. 12,35-36 D '59.

Selecting tables for geodetic calculations. A. P. Legai. Izv. vys ucheb zav, gor. zhur no. 6 23-27 '59.

Using the sound measuring method to evaluate the stressed state of a massif. V. D. Palii. Izv. vys. ucheb. zav.; gor. zhur. no. 2:34-43 '59.

MINE SURVEYING—EQUIPMENT AND SUPPLIES

"Naturpantograf-4." V. M. Zubov. Izv. vys. ucheb. zav.; gor. zhur. no. 2:28-33 '59.

Surveying gyrocompass for the orientation of gaseous and dusty mines V. N. Lavrov. Ugol' 34 no. 12 29-31 D '59.

MINE TIMBERING
(see also subdivision under Karaganda Basin)

Analyzing the experience acquired in timbering stopes mined with slab entry. M. Mukushev. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2,29-34 '59.

Anchor bolting of tunnels and mines A. P Shirokov. Put' i put khoz no. 12 14-15 D '59.

Industrial testing of shield ceilings made of logs. A. V. Proskurin and others. Izv vys. ucheb. zav., gor. zhur no. 6 3-8 '59.

The M-9 set of equipment with composite movable supports V. I. Vedernikov. Biul. tekh.-ekon. inform. no. 12:5-7 '59.

Romanchenko, G. N. [Arrangement and operation of mine lumber yards] Ustroistvo i ekspluatatsiia rudnichnykh lesnykh skladov, spravochnoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 119 p.

Temporary timbering and devices used in cutter-loader mined longwalls with weak roofs. E. P. Kovalevskii. Bezop. truda v prom. 4 no. 1:7-9 Ja '60.

MINE TOOLS—TESTING

Actual testings of coal hammer picks. G. IA. Smokotin. Izv. vys ucheb. zav.; gor. zhur. no. 6:48-52 '59.

MINE VENTILATION
(see also subdivision under Dobropol'ye; Krivoy Rog)

Analytical determination of mine ventilation with a simultaneous use of fans. S. TSoi. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:84-90 '59.

Control and standardization of atmospheric conditions in mines, review of publications. IU. V. Pyshkov. Izv. vys. ucheb. zav., gor. zhur. no. 2:81-88 '59.

Distribution of ventilation units in congested areas of mines in operation. Ugol' Ukr. 3 no. 12:22 D '59.

Efficiency of one-side air barriers on the air distribution in underground workings. S. F. Shepelev. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:91-99 '59.

Efforts to control air leakage through the receiving hopper for coal sorting in mines of the "Stalinugol'" Combine. V. A. Agafonov. Sbor. nauch. rab. stud. LGI no. 2: 150-153 '57.

Industrial testing of SVM-6 fans local ventilation. N. A Bogomolov, V D. Semenko, A. R. Aizenshtein. Ugol' Ukr. 3 no 12:34-36 D '59

Mine ventilation in case of forced caving. K. G. Galimzhanov, N. D. TSoi. Bezop. truda v prom. 4 no. 1:13-14 Ja '60.

MINE VENTILATION—ELECTROMECHANICAL ANALOGIES

Designing mine ventilation on electric models. B A. Klepikov Ugol' Ukr. 3 no 12 8-11 D '59

MINE WATER

Determining the inflow of surface waters in open-cut mining of mineral deposits V B. Nikulin. Izv. vys. ucheb zav.; tsvet met. 2 no 6:3-10 '59

MINERAL INDUSTRIES see subdivision under Balkhash

MINERAL WATERS see subdivision under Baikal re Caucasus; Dzhermuk, Talgi; Tskhaltubo region, Ukr

MINERAL WATERS—PHYSIOLOGICAL EFFECT see division under Tashkent

MINERAL WATERS, SULFUROUS see subdivision Khanlar

MINERAL WOOL

Rossinskii, E. E. [Lightweight building and mineral made of slags from the copper-nickel industry] Leg- kovesnyi tekhnicheskii kamen' i mineral'nai vata iz shlakov medno-nikelevoi promyshlennosti. Moskva, TSentr. in-t informatsii tsvetnoi metallurgii, 1959. 11 p.

MINERALOGICAL CHEMISTRY

Isobars, isotones of stable isotopes, and their ments. A. S. Uklonskii. Dokl. AN Uz. SSR no '59.

Occurrence of uranium in certain rock-forming I G. Chentsov. Trudy IGEM no. 28:142-147 '59

Problem of classifying supergene geochemical provinces. K. I. Lukashev. Vestsi AN BSSR tekh. nav. no. 4.5-21 '59.

MINERALOGY
(see also subdivision under Chona Valley, Kara Mountains)

Distribution of relict minerals in the profile of the weathering crust IU P. Kazanskii Izv vys ucheb zav., geol i razv 2 no 8:90-94 Ag '59

Fersman, A. E. [Recollections about stones] Vosponanila o kamne. Moskva, Izd-vo Akad. nauk SSSR, 1960. 166 p.

Second All-Union Petrographic Conference Izv. Otd. est. nauk AN Tadzh. SSR no. 2 119-120

Short-lived minerals. L Miroshnikov Znan sila 34 no 12,20-21 D '59

MINERALS IN SOIL
(see also subdivision under Tajikistan)

Adsorption of radiostrontium by certain soil minerals [with summary in English]. Vikt I Spitsyn, V V Gr Pochvovedenie no 12:46-50 D '59.

"Interaction of the mineral part of soils with water by I. A Tiutiunov, "Pochvovedenie," no. 3, 1959 Re by G. A. Martynov. Pochvovedenie no 12:107 '59

Interaction of the surface of a solid body with water action of the mineral part of soils with water" by I A Tiutiunov. Reviewed by V. F Kiselev) no. 12:105-107 D '59.

Phosphate concentration in grassland rotation fields P. V. Nosov. Nauch. dokl. vys. shkoly, biol. 203-206 '60.

MINERALS IN SOIL—BIBLIOGRAPHY see Bibliography Minerals in soil

MINERS
(see also subdivision under Kazakhstan, Kizel

Friends. V. Gorlunov. Okhr. truda i sots. strakh 51-52 D '59.

MINERS—DISEASES AND HYGIENE
(see also subdivision under Krivoy Rog)

Dust diseases of the lungs (pneumoconiosis) in the iron ore and coal industries [with summary lish]. K. G. Abramovich, L. N. Khizhniakova. 37 no. 12,116-123 D '59.

MINERS—MEDICAL CARE see subdivision under Dnepropetrovsk Province

MINERS IN LITERATURE AND ART

"The miner's soul" by A. Ionov. Reviewed by skaia. Mast. ugl. 8 no. 3:21 Mr '59.

MINES AND MINERAL RESOURCES
(see also subdivision under Transcarpathia)

Basic for an economic evaluation of mineral deposits conditions of a socialist economy. S. IA Rarkhusov Izv vys ucheb zav; tsvet. met. 2 no 6:183

Russia (1923- U. S. S. R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Materials of the State Committee on Resources on prospecting methods, evaluation and calculation of mineral deposits collected studies] Materialy GKZ po metodike razvedki promyshlennoi otsenke i podschetu zapasov mestorozhdenii poleznykh iskopaemykh; sbornik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol i okhrane nedr No. 1. 1959. 153 p.

[MICROFILM]

MINES AND MINERAL RESOURCES—ACCOUNTING

Actual conditions for the recreation of fixed assets the coal industry. V. V. Chizhova. Izv. vys ucheb zav.; gor zhur. no. 3:75-80 '59.

MINGECHAUR—BRONZE AGE

Kashkai, M. A., and I. R. Selimkhanov. [Analyzing articles of ancient Mingechaur dating to the era developed bronze] Issledovanie metallicheskikh izdelii drevnego Mingechaura epokhi razvitoi bronzy Baku, Izd-vo Azerbaidzhanskogo univ., 1959. 45

MINGECHAUR DAM

Measuring the interstitial pressure in the core of the Mingechaur Dam. T.F.Lipovetskaia. Gidr.stroi. 28 no.4 33-36 Ap '59

MINGECHAUR RESERVOIR—FRESH-WATER FAUNA

Distribution of bottom fauna in the Mingechaur Reservoir during the first years of its existence [in Azerbaijani with summary in Russian]. A.G.Kasymov. Izv. AN Azerb.SSR.Ser.biol i sel'khoz nauk no.6 71-77 '59

MINGECHAUR RESERVOIR—PHYTOPLANKTON

Material on the phytoplankton of the Mingechaur Reservoir [in Azerbaijani with summary in Russian]. Rzaeva. Izv.AN Azerb.SSR.biol.i sel'khoz.nauk no 6,85-94 '59.

MINGECHAUR RESERVOIR—WATER

Daily cycle of certain hydrochemical components of water in the Minegechaur Reservoir M V. Zhuravlev Dokl. AN Azerb SSR 15 no. 12:1161-1164 '59.

MINING ENGINEERING

(see also subdivision under France, Great Britain; Krivoy Rog, Krivoy Rog Basin, Leningrad; Noril'sk; Tekeli, Ural Mountain region)

A.F.Deribin's report on the reorganization of mining in Russia. G.N.Man'kovskii. Trudy Inst.ist.est.i tekh. 25:44-63 '59.

Beilin, L.D., ed. [Handbook of a mine building foreman] Spravochnik gornogo mastera-shakhtostroitelia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 543 p.

Calculating single concentrated charges. O.I.Alekseev. Izv.AN Kazakh.SSR. Ser.gor.dela no.2:72-77 '59.

"Chute loading in underground mining" by L.I.Baron, E.A Simonian. Reviewed by A.V.Kulikov, K.I.Bakhurin, V.V.Kulikov. Gor.zhur. no.1.79-80 Ja '60.

Determining the best number of seams to be connected with one group drift. N.A.Fedorov. Izv.vys.ucheb zav., gor.zhur no 7:27-31 '59

Development of mine pumping; before the start of the 20th century. S.V.Shukhardin. Trudy Inst.ist.est.i tekh. 25,84-160 '59.

Effect of concentration charges in boreholes on the speed of mining with gopher hole formation by mechanical means. G.K.Demetriades. Izv vys ucheb.zav., gor. zhur. no 7 63-70 '59

Efficient layout of the shaft bottom ("Shaft bottoms for high capacity mines" by A.I Vorotnikov Reviewed by A M Kozel) Ugol' Ukr 3 no.12 41 D '59.

Electronic device for short-delay blasting. Sh.I.Ibraev, N.I.Strokov, G.F.Kopichenko. Izv.AN Kazakh.SSR. Ser. gor.dela no.2:100-105 '59.

Engineer V.M.Fedorov's theory on rock crumbling. S.S. Muzgin. Izv.AN Kazakh.SSR. Ser.gor.dela no.2:78-83 '59.

Increasing operating reliability of mine automatic control systems equipped with SD-type motors in case of voltage drops. M.B.Milich. Priborostroenie no.12:22 D '59.

Investigating rock shattering by explosives at two northern Kazakhstan ore deposits. L.I.Baron, N.F.Adrianov. Izv.AN Kazakh.SSR. Ser.gor.dela no.2:67-71 '59.

Investigating stress distribution in rocks during flat mining operations. A.E.Shtafinskaia, F.M.Lur'e. Sbor.nauch.rab.stud.LGI no.2:103-111 '57.

A manual that was not worth reprinting ("Economics, organization, and planning of work in mine construction" by G.I Popov Reviewed by P.V.Nagibin) Sred spets obr 6 no 12:47-49 D '59.

Mechanism of redistributing the strained state of rocks in mining. G.N.IAssievich. Sbor.nauch.rab.stud.LGI no.2:94-102 '57.

Number and depth of blast holes in mining. G.I.Tolkushev. Izv.AN Kazakh.SSR. Ser.gor.dela no.2:50-57 '59.

Pokrovskii, G.I. [Blasting and its use] Vzryv i ego primenenie. Moskva, Voen. izd-vo M-va obor.SSSR, 1960. 65 p.

Relative disposition of slice layers and the cost of their maintenance in mining thick flat seams. V.A.Golutvin Izv vys.ucheb.zav., gor.zhur. no.3:47-54 '59

Temporary supports in making galleries in mined areas. E.A Zimina Izv.vys ucheb zav.; gor.zhur. no.3:64-74 '59.

Testing the chamber and pillar mining method in mine No.3. K.I.Shirenko, IU.A. Modestov, B.I.Logustov. Ugol' 34 no.12.10-14 D '59.

Theory of rock pressure. K.V.Ruppeneit. Ugol' 34 no.12.43-46 D '59.

Transform into reality the historical decisions of further technical progress in all branches of national economy. A.E.Tropin. Izv.vys.ucheb.zav., gor.zhur. no.7:3-7 '59.

Uncovering mountain deposits by means of large-scale throw blasting. M.M.Dokuchaev, G.A.Vasil'ev Izv. vys.ucheb.zav.; gor zhur. no.7:53-62 '59.

Use of the shield system in ore mining. V.V.Nesterenko, M.I.Kandyba. Izv.vys.ucheb.zav.; gor.zhur. no.3:26-34 '59.

MINING ENGINEERING—ABSTRACTS

[Mining; abstracts nos. 5043-6303.] Referativnyi zhurnal: Gornoe delo no.5 My '60.

MINING ENGINEERING—EQUIPMENT AND SUPPLIES

Mechanized charging of blast holes in mining. I.A.Ostroushko and others Izv.vys ucheb.zav.,tsvet met. 2 no.6:11-16 '59.

Normalizing compressor performance in high mountain mines. G P.Gerasimenko, D.F Puzoshchatov Izv. vys ucheb.zav., tsvet.met. 2 no 6:17-25 '59

MINING ENGINEERING—SAFETY MEASURES

(see also subdivision under Krivoy Rog)

Eliminate causes of accidents in the mining industry. S.A.Izraitel'. Bezop.truda v prom. 3 no.12:6-7 D '59.

Evaluation of new mining systems in relation to their safety. L.L.Kalacheva. Izv.vys.ucheb.zav.; gor.zhur. no.2 10-16 '59.

A manuscript should be widely discussed before publishing ("Ventilation, lighting, and fire prevention and control in mines" by V.M Oglevskii, IA.Z.Bukhman Reviewed by S.I.Kotliarov). Sred.spets.obr. 6 no.11: 60-62 N '59

MINING ENGINEERING—STUDY AND TEACHING

(see also subdivision under Nizhniy Tagil')

By the road of work. A.Dokuchaev. Mast.ugl. 8 no.3: 16-17 Mr '59.

MINING GEOLOGY

(see also subdivision under Krivoy Rog)

Controlling the output of caved ore. IU.I.Chabdarova. Izv.AN Kazakh.SSR.Ser.gor.dela no.2:14-19 '59.

Mining geology. S.Selektor. Znan.ta pratsia no.12:11-15 D '59.

MINING INDUSTRY AND FINANCE see subdivision under Karaganda Basin

MINING INDUSTRY AND FINANCE—CONGRESSES

Coordinating conference on research in the field of the economics of mining. Izv.AN SSSR.Otd.tekh.nauk.Met. i topl. no.2:166-167 Mr-Ap '60.

MINING MACHINERY

Development of the theory of rock cutting. M.M.Protod'iakonov. Izv.vys.ucheb zav.; gor zhur. no 3:3-11 '59

Manufacture of mining equipment at the "Kommunist" Plant. S.F.Babenko, P.S.Kutornoi. Gor.zhur. no.1: 64-68 Ja '60.

Screw-gear mechanism of a power device with friction clutch. P.M.Alabuzhev, I.V.Rodionov. Izv.vys.ucheb. zav., gor.zhur no.6:38-47 '59.

"Ugletekhizdat" and the new mining machinery. L.Fishbein. Mast.ugl. 8 no.3,21 Mr '59.

MINING MACHINERY—ELECTRIC DRIVING

Estimating the electric drive power of a scraper conveyer. A.E.Trop, B.F Turyshev. Izv.vys ucheb.zav., gor zhur. no.6:75-79 '59.

MINING MACHINERY—MAINTENANCE AND REPAIR

Necessary improvements in the economics and organization of maintenance and repair operations in coal mining. G.IA.Burshtein. Ugol' 34 no.12:19-23 D '59.

MINING RESEARCH

(see also subdivision under Georgia; Ust'-Kamenogorsk)

Assistance of contiguous institutes is needed P Zhukov NTO no 11:62 N '59

MINK

New fur animals, the American mink and nutria, in Kirghizistan. P.S Tiurin Trudy Inst.zool i paraz.AN Kir.SSR no.7:67-76 '59.

MINSK—CHILDREN—HOSPITALS

Campaign for children's health. A.N.Dombrovskaia. Zdrav.Belor. 5 no.12:43-44 D '59.

MINSK—CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Multiple-style section assembly-lines in the "Krupskaia" factory. M.M.Zeif, G.V.Gliatsevich. Shvein.prom. no.6:18-20 N-D '59.

MINSK—CONSUMER CREDIT

On the installment plan. M.Bury. Belarus' 16 no.12:16 D '59.

MINSK—DIE CASTING

Viarbitski's method. A.Kapilau Belarus' 16 no.11:12 N '59

MINSK—ELECTRIC SUBSTATIONS

They build electric substations and transformers for rural areas M.IAfimau. Belarus' 16 no 11:10 N '59.

MINSK—ELECTRIC TRANSFORMERS

They build electric substations and transformers for rural areas. M.IAfimau. Belarus' 16 no.11:10 N '59.

MINSK—FINANCE

What is accomplished through initiative and planning. M.Tkachuk. Fin.SSSR 21 no.4:73-76 Ap '60.

MINSK—FIRST AID IN ILLNESS AND INJURY

First results of the separate operation of first aid and emergency treatment in Minsk. E E.Radovskii, M L Filimonov. Zdrav.Belor. 5 no 12:34-35 D '59.

MINSK—FORGING

Viarbitski's method A Kapilau Belarus' 16 no 11 12 N '59

MINSK—HISTORY

The first Marxist group in Minsk V.Mialeshka Belarus' 16 no 11 21 N '59

MINSK—HISTORY—STUDY AND TEACHING

Good results. A.Palonski, N.Hneuka. Sav.shkola no.6:74-75 N-D '59.

MINSK—HOSPITALS

Oldest medical institution of the republic. B.V.Drivotinov. Zdrav Belor 5 no 12:51-55 D '59.

MINSK—HYDROMETEOROLOGY

Hydrometeorological Observatory in Minsk. R.Medzhylau. Belarus' 16 no.12:16 D '59.

MINSK—INDUSTRIAL EQUIPMENT

Initiative of an innovator. M.Bury. Belarus' 16 no.11 2-3 N '59.

MINSK—LOCAL TRANSIT

Historical date. IA.Rubenchyk. Belarus' 16 no.12:16 D '59.

MINSK—OBSERVATORIES

Hydrometeorological Observatory in Minsk. R.Medzhylau. Belarus' 16 no.12:16 D '59.

MINSK—PUBLIC HEALTH

Public health problems at a meeting of the urban council of workers' deputies Zdrav Belor 5 no 12:63-64 D '59.

MINSK—RADIO INDUSTRY

Starting the second year. . N.Belobrovik. Smena 37 no.1 8a Ja '60.

MINSK DISTRICT—RURAL CONDITIONS

Good results Kanstantsin Kostka. Belarus' 16 no.11: 10 N '59

MINSK PROVINCE—APARTMENT HOUSES

Using sawdust concrete. F.Morokhotov. Sel'.stroi. 14 no.12:15 D '59.

MINSK PROVINCE—DEAF—EDUCATION

On the former "Bald Mountain." G.Vinogradov. Zhizn' glukh. 12 no.11:13 N '59.

MINSK PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Vaupshasov, S.A. [Chronicle of guerrilla activities] Partizanskaia khronika. Moskva, Voen.izd-vo M-va obor.SSSR, 1959. 470 p.

MINTS see subdivision under Leningrad

MINUSINSK BASIN—PETROLEUM GEOLOGY

Importance of fracturing for oil prospecting and problems relative to the oil potential of the Minusinsk Basin. D.N.Krasil'nikov, IA.G.Kats. Izv.vys.ucheb.zav., geol.i razv. 2 no.9 3-19 S '59.

MINUSINSK DISTRICT—AGRICULTURAL EXPERIMENT STATIONS

At the Minusinsk Experimental Station for Fruit and Vine Crop Cultivation. V.A.Shevchenko. Sad i og. 07 no 12 41-42 D '59.

MINUSINSK LOWLAND—GEOLOGY, STRUCTURAL

Using the results of gravimetric surveys in studying the bed structure of the southern part of the Minusinski Depression. A.P.Tarkov. Razved.i prom.geofiz. no.31:3-8 '59.

MIRACLES

Are miraculous events in nature possible? F Polkunov Nauka i zhyttia 8 no 10:50-52 O '58.

Druianov, L.A. [Are miracles possible?] Vozmozhny li chudesa. [Moskva] Mosk. rabochii, 1960. 70 p.

MIRRORS

Beryllium could be used for astronomical mirrors in the future [with summary in English]. N.N.Mikhel'son. Izv.GAO 21 no.3:153-158 '58.

Compensation method for inspecting large aspherical mirrors [with summary in English]. M.A.Sosnina. Izv.GAO 21 no.3:137-148 '58.

New method for investigating the shape of mirrors for large telescopes [with summary in English]. D.D. Maksutov. Izv.GAO 21 no.1:5-29 '57

MISCARRIAGE see Abortion

MISSED LABOR see Pregnancy, Protracted

MITES
(see also subdivision under Azerbaijan, Kirghizistan, Tajikistan)

Feeding habits of the mite Eulaelaps stabularis C. L. Koch, 1836 (Laelaptidae, Gamasides, Parasitiformes) [with summary in English] R. G Kozlova. Zool. zhur. 38 no 1:44-53 Ja '59

Parthenogenesis in some mites of the family Laelaptidae (Parasitiformes, Gamasides). R. G. Kozlova. Med. paraz. i paraz. bol. 26 no. 6:736-738 N-D '57.

MITOSIS see Karyokinesis

MITRAL VALVE—DISEASES

Diagnosis of mitral stenosis and its relation to surgical therapy [with summary in English]. A A. Shelagurov, P. N. Iurenev Terap arkh 31 no. 12:15-50 D '59

Gaseous composition of the blood obtained from the coronary sinus during cardiac catheterization in patients with mitral stenosis [with summary in English]. A S Smetnev, I L. Sivkov. Terap arkh. 31 no 12:63-71 D '59.

Importance of puncture of the atrium sinistrum in the diagnosis of mitral stenosis. N. I. Mokrik. Nov. khir. zhur. no 6:23-31 N-D '59.

Morphological study of the resected portions of the lungs in patients with mitral stenosis. T. A. Lur'e-Pokrovskaia. Nov. khir. zhur no. 6:31 38 N D '59.

MITRAL VALVE—SURGERY

Volume of the circulating blood and circulation time in patients with mitral stenosis before and after mitral commissurotomy [with summary in English] L. V Vesel'nikov Terap. arkh 31 no. 12:64-66 D '59

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956

"The great bard of the White Russian people." Reviewed by M. Bazarevich. Belarus' 16 no. 12:30 D '59.

Nalivaika, Ales'. [IAkub Kolas's story "Swamp"] Apovests' IAkuba Kolasa Dryhva. Minsk, Dziarzh. vyd-va BSSR, 1959. 162 p.
(MII)

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956—MUSEUMS, RELICS, ETC.

Here lived our great bard Leu Mirachytski. Belarus' 16 no 11:23 N '59

In the museum of a people's poet IE. Sadovs'kyi Ukraina no 2 8 Ja '60

MIXING MACHINERY

Devices for determining the time of mixing and the consistency of concrete mixes. I. I Tokarev Gidr. stroi. 29 no 12:45-46 D '59

Lowering the expenditure of cement by mixing concrete mixes in forced-vibration mixing machines. T. N. Pashashvili. Bet. i zhel bet no. 12:561 D '59.

Purifying spindle oil in a combined mixer. A. P. Beliachkov. Neftianik 3 no. 8:26-28 Ag '58.

Using simple methods in making mortars and concretes. B. D. Fedortsov. Biul. tekh. inform. po stroi. 5 no. 11: 31-33 N '59.

MLOKOSEVICH, LIUDVIG FRANTSEVICH, 1831-1909

L. F. Mlokosevich, explorer of the Caucasus P I Vol chal'. Izv vys. ucheb zav., les. zhur. 2 no 5 171 '59.

MODELS, HYDRAULIC see Hydraulic models

MODELS AND MODELMAKING

Contact with industry helps education. V. G. Tsvetkovskii. Sred. spets obr. 6 no. 11:5-8 N '59.

Making conveyor-scraper chain link models of epoxy resins. K. I. Bakhurin, V G Kovtun Izv vys ucheb. zav., gor. zhur no. 3:84-87 '59.

MODULAR COORDINATION (ARCHITECTURE)

Discussing the plan for unified modular coordination in building. Standartizatsiia 23 no. 11:55-56 N '59.

Modular coordination of construction elements. L. V. Fel'dman. Standartizatsiia 23 no. 11:30-32 N '59.

MODULATION (ELECTRONICS)

Color television systems without quadrature modulation. M. Tovbin. Radio no. 12:31-33 D '59.

Double-sided amplitude modulation and its use in the simultaneous transmission of two signals. D M Pevzner. Elektrosviaz' 13 no. 12:17-25 D '59.

MOGILEV—BUILDING MACHINERY

The seven-year plan is the center of attention. V. Nikolaev. Komm. Bel. 33 no. 12:19-22 D '59.

MOGILEV PROVINCE—WORLD WAR, 1939-1945—CHILDREN

Story of the Zhuraukau brothers V Rudakouski Belarus' 16 no 11:10 N '59.

MOGILEV-PODOL'SKIY DISTRICT—COOPERATIVE SOCIETIES

An able organizer. I. Bogoridov. Sov potreb. koop. 4 no. 1:32 '60.

MOGIL'NYI, EVGENII AKIMOVICH, 1888-1959

E. A. Mogil'nyi; obituary. Sakh prom. 33 no 12:61 D '59

MOISTURE
(see also subdivision under Soviet Far East)

Automatic determination of moisture in gas with Fischer's reagent. A. N. Korol', N. D Znamenskaia, I. P. [illegible] Zav lab no 11:1305 1307 '59

Rapid method of moisture control. Sh. M Rapoport, I. G Chufnus. Zav lab no. 11:1346 1348 '59

MOISTURE OF SOILS see Soil moisture

MOLASSES

Further expansion of the starch and molasses industry. A G Prikhod'ko Sakh prom 33 no 12:51 54 D '59

Utilization of molasses for purposes other than agricultural should be discontinued. G. I. [illegible] Sakh prom 33 no 12:57 D '59

MOLDAVIA—AROMATIC PLANTS

Introduction of some essential oil plants in the Moldavian S.S.R. R. I. Ivanova. Trudy Bot. inst. Ser. [illegible] 97 98 '59.

MOLDAVIA—COLLECTIVE FARMS—ACCOUNTING

Using knowledge and experience for the improvement of collective farm accounting. [illegible] sovkhoz. 16 no. 12:20 21 D '59

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION

First Conference of the Moldavian [illegible] A [illegible] Komm. Mold. 4 no. 12:58-64 D '59

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's heighten our adherence to principles. A. [illegible] Komm. Mold. 4 no 12:14 17 D '59

Party work should be more specific and efficient. Komm. Mold. 4 no 12:3 8 D '59

MOLDAVIA—CONSTRUCTION INDUSTRY

We should improve the work of interfarm construction organizations. G. Filov. Komm. Mold. 4 [illegible] D '59

MOLDAVIA—ECONOMIC CONDITIONS

What Moldavian scientists tell us. L. [illegible] zhizn' 26 no. 12:8 10 D '59

MOLDAVIA—ECONOMIC POLICY

Shcholokov, N. A. [Moldavian S.S.R.; an account of the seven year plan] Moldavskaia SSR, [illegible] Moskva, Trudrezervizdat, 1959. 64 p. (Mol [illegible] semiletka)
([illegible])

"Soviet Moldavia in the seven year plan" by A. [illegible] Reviewed by N. [illegible] Komm. Mold. 4 [illegible] 78 80 N '59

MOLDAVIA—EFFICIENCY, INDUSTRIAL

Powerful weapon in the struggle for technical progress. P. Prostomolotov. Komm. Mold. 4 [illegible]

MOLDAVIA—FAVUS

Elimination of favus in the Moldavian S.S.R. [illegible] Zh. mikrobiol. [illegible]

MOLDAVIA—FINANCE

For the correct disposal of budgetary allocations. V Arsent'ev Komm. Mold. 4 no 12:44 [illegible] D '59

MOLDAVIA—FORESTS AND FORESTRY

Problems of developing forestry in the Moldavian [illegible] Les. khoz. 12 no 12 [illegible] D '59

MOLDAVIA—FRUIT CULTURE

For the development of fruit culture and viticulture in the Moldavian S.S.R. [illegible] Shakhnazarov [illegible] no. 11:75 77 N '59

Tasks of developing fruit culture and viticulture in the Moldavian S.S.R. [with summaries in English, German and French]. Z. T. [illegible] Vest. sel'khoz. nauki 4 no. 11:1 14 N '59.

MOLDAVIA—GRAIN MILLING

Modernizing flour mills and increasing the capacity of state grain mills in the Moldavian S.S.R. A [illegible] Muk.-elev. prom. 25 no 1 [illegible] '59

MOLDAVIA—HOUSEHOLD APPLIANCES

Let's produce more household appliances for [illegible] and develop our service industries. Komm. Mold. 4 no 11 8-10 N '59

MOLDAVIA—HYDATIDS

Distribution of echinococcosis in Moldavia. [illegible] Zdravookhranenie 2 no. 5 [illegible] '59.

MOLDAVIA—INDUSTRIAL MANAGEMENT

Strictly observe state discipline. M [illegible] Komm. Mold. 4 no 11:11 12 N '59

MOLDAVIA—JEHOVAH'S WITNESSES

Uncle Knorr's game is up. S. Vidiu Komm. Mold. 4 no. 12 72-75 D '59.

MOLDAVIA—LECTURES AND LECTURING

Let's disseminate political and theoretical knowledge among the masses. Komm. Mold. 4 no 12 7 12 D '59

MOLDAVIA—LIVER FLUKE

[illegible]

MOLDAVIA—MALARIA

[illegible]

MOLDAVIA—MANUFACTURES

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

Moldavian S.S.R. [illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—VITICULTURE

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—WINE AND WINE MAKING

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MOLE RAT, POUCH [illegible]

MOLECULAR ASSOCIATION

Differences in the dissociation constants of polymorphous modifications of acids in nonaqueous solutions [with summary in English] S. S Urazovskii, I P Kotliarenko, A I Kuris'ko. Zhur fiz khim 33 no 12:2732-2739 D '59

MOLECULES

Answer to N. V. Kudriavtseva and A. F. Terpugova L. A. Borovinskii Opt. i spektr 7 no 4·579-580 O '59.

In regard to L. A. Borovinskii's article. N. V Kudriavtseva, A. F Terpugova Opt. i spektr 7 no 4·578-579 O '59.

Transformation of light by molecules P. A. Apanasevich. Trudy Inst fiz i mat AN BSSR no 3·187-212 '59

MOLLUSKS

Feeding and food relationships of animals occuring in the bottom vegetation of the Black Sea and in plant remains washed ashore Report No. 5· Feeding of the gastropod Phasianella pontica Milaschewitch N S. Gaevskaia. Trudy Mosk. tekh. inst ryb prom. i khoz no 10 43-57 '59.

Method of determining size and weight characteristics of invertebrate organisms serving as food of fishes. Report No 2 E V Borutskii. Vop ikht. no 12:158-164 '59.

Studying the penetration of chemical substances into the fresh-water mollusk Limnaea stagnalis L. by the use of tagged atoms. A. L. Dul'kin. Nauch. dokl. vys. shkoly; biol. nauki no. 2:170-172 '60.

MOLLUSKS, FOSSIL see subdivision under Anapa region, Donets Basin; Wilczek Land

MOLODECHNO—DAIRY PLANTS

One-year plan fulfilled ahead of time. M. Korovkin. Moloch. prom. 20 no. 12,4 D '59.

MOLTEN METALS see Liquid metals

MOLYBDENUM

Molybdenometry. Report No. 1: Preparation and standardization of tribalent molybdenum solutions [with summary in English]. A. I. Busev, Li Kêng. Zhur. anal. khim. 14 no. 6:668-676 N-D '59.

Potentiometric determination of rhenium in the presence of molybdenum [with summary in English]. D. I. Riabchikov, V. A. Zarinskii, I. I. Nazarenko. Zhur. anal. khim. 14 no. 6:737-738 N-D '59.

MOLYBDENUM—METALLURGY

Certain peculiarties in the roasting of molybenum concentrates. S. I Suchil'nikov, P V. Gol'd Trudy Ural. politekh. inst. no 75:219-232 '59

MOLYBDENUM-NICKEL-ALUMINUM ALLOYS see Nickel-aluminum-molybdenum alloys

MONARCHY

What is the difference between absolute and constitutional monarchy. A. Akhundov, A. Mishin Agitator no. 23: 62-63 D '59

MONAZITE

On the reliability of defining the age of monazites by the uranium method. S. I. Danilovich. Dokl. AN SSSR 132 no. 2:443-446 My '60.

MONEY

Batyrev, V. M. [Currency circulation in the U. S. S. R.; problems in theory, organization and planning] Denezhnoe obrashchenie v SSSR; voprosy teorii, organizatsii i planirovaniia. Moskva, Gosfinizdat, 1959. 379 p.

Problems concerning the monetary system during the period of the transition from socialism to communism. I. M. Brover. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 2:88-97 '59.

MONGOLIA—BRACHIOPODA, FOSSIL

Upper Permian brachiopods in the southern part of the Maritime Territory and some contemporary faunas in other regions of eastern Asia. B. K. Likharev. Dokl. AN SSSR 132 no. 2:428-431 My '60.

MONGOLIA—COAL MINES AND MINING

Lights of a new life. M. Razgovorov. Mast. ugl. 8 no. 3: 27 Mr '59.

MONGOLIA—ECONOMIC CONDITIONS

Our ranks are united and closed. A. Baranovskii. Komm. Bel. 33 no. 11:64-67 N '59.

MONGOLIA—POLITICS AND GOVERNMENT

Ulymzhiev, D. B. [Mongolian People's Republic builds communism] Mongol'skaia Narodnaia Respublika stroit sotsializm. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 108 p.
(DS)

MONGOLIA, INNER—BRASSICACEAE

List of cruciferous plants collected by M. P Petrov in northwestern China during 1957-1958 V. P. Bochantsev. Bot zhur 44 no 10 1483-1490 O '59

MONGOLIAN STUDIES

Letters to the editors. Probl. vostokoved. no. 2:225-228 '60.

MONILIASIS

Candidomycosis following use of antibiotics E N Isakova Vrach delo no 11 1195-1197 N '59

MONONUCLEOSIS

Infectious mononucleosis and its differential diagnosis from Botkin's disease. M P. Mashtaler. Zdravookhranenie 2 no. 5:26-28 S-O '59.

MONOPOLIES

[Monopolistic capitalism and imperialism; from a lecture course in economics] Monopolisticheskii kapitalizm - imperializm, iz kursa lektsii po politicheskoi ekonomii. [Moskva] Izd-vo Mosk. univ., 1958. 166 p.

MONT BLANC—MOUNTAINEERING

Visit to the "White Mountain" A Vysotskii Vokrug sveta no 1 44-47 Ja '60

MONUMENTS

Monuments to animals. IA. IAsyns'kyi. Znan. ta pratsia no. 12:13 D '59.

MOON

First globe of the moon. Sov. Soiuz. no. 1·44-45 '60.

Inclination of the moon's orbit. I. M Demenko. Astron. tsir no. 203:1-2 Je '59.

"The moon" by N. P. Barabashov. Reviewed by IU. Saushkin Geog. v shkole 22 no. 6:91 N-D '59

The Moon isn't too far from the Earth. S. Bobau. Belarus' 16 no. 12:17 D '59.

Using observations of the moon for geodetic purposes [with summary in English]. V. M. Amelin. Biul. Inst. teor. astron. 7 no. 1 19-42 D '59.

MOON—PHOTOGRAPHS, MAPS, ETC.

Here she is, the moon seen from the other side! IUn. tekh. 4 no. 12·8-9 D '59.

MOON—SURFACE

Luminescence of the moon's surface and intensity of the corpuscular radiation of the sun [with summary in French]. N. A. Kozyrev. Izv. Krym. astrofiz. obser. 16:148-158 '56.

Results of modeling lunar craters on a spherical surface. P. F. Sabaneev. Biul. VAGO no. 24:53-56 '59.

MORAINES

(see also subdivision under East European Plain)

Moraine earth as a polyphase system E F Vinokurov. Dokl AN BSSR 3 no. 11 459-462 N '59

MORAL EDUCATION see subdivision under Troitsk

MORDOVIA—FALLOWING

Economic effectiveness of green fallows. K. Kostrov. Ekon. sel'khoz. 30 no. 8·72-76 D '59.

MORDVINIAN A. S. S. R. see Mordovia

MORDVINIANS

Early burial mounds of the ancient Mordvinians in Penza Province. M R. Polesskikh Sov arkheol no 1 202-211 '59.

MORDVINIANS—COSTUME

National Mordvinian women's costume; comparative features. V. N. Belitser. Krat. soob. Inst. etn. no. 32. 85-100 '59.

MOROCCO—ECONOMIC CONDITIONS

In Casablanca. IU. Bochkarev. Nov vrem 18 no. 17: 28-31 Ap '60.

In Rabat. IU. Bochkarev Nov. vrem 18 no. 20·23-25 My '60.

MOROCCO—POLITICS AND GOVERNMENT

In Rabat. IU. Bochkarev. Nov. vrem. 18 no 20·23-25 My '60.

MORPHINE

Characteristics of morphine accumulation in the opium poppy (Papaver somniferum L.) and role of the lactiferous system [with summary in English]. A. A. Zaitseva. Bot. zhur. 44 no. 11:1567-1577 N '59.

MORPHOLOGY

(see also subdivision under China)

Conference of students and graduates in the morphology departments of Leningrad institutes and universities. I. V. Izmailova Arkh. anat gist. i embr. 37 no. 10: 126-128 O '59.

The mainstay of Soviet medicine V. Kas'ianenko. Nauka i zhyttia 8 no. 10 27-30 O '58

Survey of collected papers on morphology from the Crimean, Lvov, and First Moscow Medical Institutes and the Leningrad (Kirov) State Institute of Advanced Training for Physicians IU. V. Bukin. Arkh. anat. gist i embr. 37 no. 10:112 O '59.

MORTAR

(see also subdivision under Olbia, Borysthenes)

Methods for making high-strength mortars and concretes to be used in producing prestressed vibrated panels. S A. Mironova, V. N. Sizov, L A. Malinina. Bet. i zhel.-bet. no. 12·555-560 D '59.

Using simple methods in making mortars and concretes. B. D. Fedortsov. Biul. tekh. inform po stroi 5 no. 11. 31-32 N '59

MOSAIC DISEASE

Effect of certain antibiotics on the tobacco mosaic virus [with summary in English] A. D. Bobyr. Dop AN URSR no. 12 1359-1363 '59.

MOSAICS

Good start. N. Abramov. Iskusstvo 22 no. 11·22-37 '59.

MOSCOW—AGRICULTURAL EXHIBITIONS

"Agriculture" Pavilion at the Exhibition of Achievements of the Soviet National Economy should become one of the leading pavilions A. Novikov. Nauka i pered op. v sel' khoz. 9 no. 12 64-65 D '59

Exhibit on the protection of grain crops R L Nainik Zashch rast ot vred i bol 4 no 3.18 My-Je '59

A holiday for Moscow's movie amateurs. Isk. kino no. 12· 137 D '59

MOSCOW—AMATEUR MOTION PICTURES

Conference of amateur motion-picture producers of Moscow. Isk. kino no. 1:133 Ja '60.

MOSCOW—AMATEUR THEATRICALS

Amateur art activities and the moral education of our people IU. Polichinetskii V pom polit. samoobr. 3 no. 12·75-79 D '59.

MOSCOW—APARTMENT HOUSES

Apartment houses built of prefabricated apartment units. E Smirnov, E. Kaplan. Arkhit SSSR no. 12 11-17 '59.

Mixed brigades are building apartment houses according to combined hourly schedules B Rogal'skii, P Tutov Zhil stroi no 11 6-10 '59

Strength of vibrated brick panels I Lagun Zhil stroi no 11 7-9 '59

MOSCOW—ART—EXHIBITIONS

New and striking art. B. Ioganson. Iskusstvo 22 no. 7: 8-10 '59.

MOSCOW—ART—STUDY AND TEACHING

Good start. N. Abramov. Iskusstvo 22 no. 11:22-37 '59.

MOSCOW—ART, AZERBAIJANI—EXHIBITIONS

Difficulties of growth. P. Volkova, P. Pavlov. Iskusstvo 22 no. 9:17-27 '59.

MOSCOW—ART, IRAQI—EXHIBITIONS

The youthful art of Iraq. S. Pevzner. Iskusstvo 22 no. 11· 50-55 '59.

MOSCOW—ART, MEXICAN—EXHIBITIONS

Preparing for exhibitions. Iskusstvo 22 no. 11·71 '59.

MOSCOW—AUTOMOBILE INDUSTRY

Brigades and shock workers of communist labor in the Moscow automobile factory. I. Andrianov. Sots. trud 4 no. 7:99-106 Jl '59.

Wind from the east. I. Blat, P. Romanenkov, N. Ushatikov. Moskva 3 no. 11·189-197 '59.

MOSCOW—AUTOMOBILE INDUSTRY WORKERS—DISEASES AND HYGIENE

Control of pyoderma at the Likhachev Auto Plant P A Ladunkin. Gig truda i prof. zab 3 no. 6·37 39 N-D '59

MOSCOW—AUTOMOBILES—TIRES

Technical propaganda at the Moscow Tire Factory. I. L. Gofman. Kauch i rez 18 no. 11, 61-62 N '59.

MOSCOW—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Mechanization of labor-consuming work in Moscow bakeries. A. P. Seleznev. Khleb. i kond. prom. 2 no. 5 36 My '58.

MOSCOW—BANKS AND BANKING

Important source for reducing construction costs. L. Nikonova. Fin SSSR 21 no 4·65-69 Ap '60.

MOSCOW—BAPTISTS

New Year celebration in the Moscow parish. V. Trubina. Brat. vest. no. 1·19-24 '59.

MOSCOW—BOARDING SCHOOLS

How to inculcate in children respect for adults' work. G. F. Saenko. Nach. shkola 28 no. 1:40-44 Ja '60.

MOSCOW—BOOKSELLERS AND BOOKSELLING

Booklovers M Baikova Moskva 3 no 9·217-218 '59

MOSCOW—BRIDGE CONSTRUCTION

Coefficient of boldness. L. Arnautov, IA. Karpov. Moskva 3 no 9·161-167 '59.

MOSCOW—BUILDING

Building in Moscow in the second year of the seven-year plan. T. Selivanov. Arkhit. i stroi. Mosk. 8 no. 12: 3-5 D '59.

Entering the year 1960. Arkhit. i stroi. Mosk. 8 no. 12: 2 D '59.

In the Executive Committee of the Moscow City Soviet. Arkhit. i stroi. Mosk. 8 no. 12:3 of cover D '59.

MOSCOW—CANALS

Kublitskii, G.I. [Motorships sail from Moscow to Leningrad] Teplokhody idut iz Moskvy v Leningrad. [Moskva] Izd-vo VTsSPS, Profizdat, 1959 93 p.

MOSCOW—CHAMBER ORCHESTRA

How a student ensemble was organized. A.Gotlib. Sov. muz. 24 no.1 118-120 Ja '60.

MOSCOW—CHESS—TOURNAMENTS

Sixty years ago V Goloushkin Shakh v SSSR 36 no 12 374-375 D '59

Victory of the young chess players of Moscow. B Turov Shakh v SSSR 36 no 12 366 D '59

MOSCOW—CHINESE EMBASSY

Chinese Embassy in Moscow. Arkhit.i stroi.Mosk. 8 no.12:16-17 D '59.

MOSCOW—CITY PLANNING

Guide that will be published. V.F.Promyslov. Ogonek 38 no.1 10-11 Ja '60

How our architects and builders will change the face of Moscow I Loveiko Otv.na vop trud no.106:8-16 '59

Novyy Arbat Square. M.Posokhin, A.Zaitsev. Arkhit.i stroi Mosk 8 no.12:18-20 D '59.

Planning the Novyye Kuzminki District in Moscow. V.Steiskal. Arkhit.SSSR no 12:33-35 '59.

MOSCOW—CLOCKMAKING AND WATCHMAKING

For you, comrades! S.Mar'ianin. Smena 36 no.24 12 D '59.

MOSCOW—COMMERCIAL ART—EXHIBITIONS

Commercial art. I.Sapfirov. Iskusstvo 22 no.7:29-35 '59

MOSCOW—COMMUNIST EDUCATION

Excursions help to consolidate knowledge. P.Serikov. Mosk prop. 16 no.12:62-64 D '59.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

At a propaganda center in Moscow. D.Selivanov Agitator no 24:49 D '59.

Methodological advice is the main support of propagandists. M.Shuvaeva. Mosk.prop. 16 no.12:54-57 D '59.

Results of noncontrolled work. T.Shakhnazarova, V.Markina, L.Gusev. Mosk prop. 16 no.12:59-62 D '59.

MOSCOW—COMMUNIST YOUTH LEAGUE

A poet and artist on the construction site A IAkovlev Moskva 3 no 9 224 '59

MOSCOW—CONCERTS

At concerts in the Great Hall of the Conservatory. M.Sabinina. Sov.muz. 24 no.1:125-127 Ja '60.

Soviet symphonic music. G.Shantyr'. Sov.muz. 24 no.1:124-125 Ja '60.

MOSCOW—CONFECTIONERY

Moscow confectionery factories and the International Exhibition in Brussels. Khleb.i kond prom. 2 no.5:47 My '58

MOSCOW—CONSTRUCTION INDUSTRY—COSTS

Important source for reducing construction costs. L.Nikonova. Fin SSSR 21 no 4 65-69 Ap '60

MOSCOW—DEAF—EDUCATION

How to become an engineer. V.Kovalev. Zhizn' glukh. 12 no.12:14 D '59.

In the institute founded by Gor'kiy. B.Kochkin. Zhizn' glukh. 12 no 12:14 D '59.

MOSCOW—DEAF—EMPLOYMENT

Signs of the year. Zhizn' glukh. 12 no.12:3 D '59.

MOSCOW—DWELLINGS—HEATING AND VENTILATION

Planning the installation of sanitary engineering systems in the construction of residential buildings in Moscow. D.F.Bogomolov, S D.Dubrovkin, I.T.Lebedev. Vod. i san.tekh. no.1:1-5 Ja '60.

MOSCOW—ECONOMICS—STUDY AND TEACHING

Aid to enterprises. I.Zotov. Vop.ekon. no.5:133-134 My '60

MOSCOW—ELECTRON TUBES—TECHNOLOGICAL INNOVATIONS

Mechanic. I.Kazakov. Sem'ia i shkola 14 no.12:28-30 D '59.

MOSCOW—ENGRAVINGS—EXHIBITIONS

Popular Russian prints. N.Voronov. Iskusstvo 22 no.7:51-56 '59.

MOSCOW—ENGRAVINGS, GREEK—EXHIBITIONS

Contemporary Greek engravings V.Polevoi Iskusstvo 22 no.12 40-45 '59

MOSCOW—ENSEMBLES (MUSIC), CHINESE

The art of our Chinese friends. A.Ikonnikov. Sov.muz. 24 no.1:134-135 Ja '60.

MOSCOW—ENSEMBLES (MUSIC), OSSETIAN

Esemble from North Ossetia. G.P. Sov.muz. 24 no.1:136 Ja '60.

MOSCOW—ENSEMBLES (MUSIC), VIETNAMESE

Singers and musicians from People's Vietnam. Georgii Polianovskii. Sov.muz. 24 no.1 133 Ja '60.

MOSCOW—EXHIBITIONS

At the Polish Industrial Exhibition in Moscow. Za rul. 17 no 11:27 N '59.

Coal mining Poland. I.Aleksandrov. Mast.ugl. 8 no.12:25 D '59.

Czechoslovakia of 1960. V.Krasnopol'skii. Nov.vrem. 18 no 18,28-29 My '60.

Everything here is so dear to my heart! V.Buzanov. Grazhd.av. 16 no.9:3-5 S '59.

Exhibition of motorcycles and motor scooters. B.IUrkov. Za rul 17 no 12 3-5 D '59

Exhibition on the tenth anniversary of the German Democratic Republic. I.Borisova. Radio no.12 17 D '59

"Glass Festival" V Babula. Tekh.mol 27 no.12 37-38 '59

Honoring labor! M.Pol'skii. Obshchestv.pit. no.10:48-51 O '59.

Instruments at the Polish Industrial Exhibition. G.I. Kononenko. Priborostroenie no.12:23-24 D '59.

Finnish Industrial Exhibition in Moscow. Finsk.torg. zhur. no.36:33 D '59.

On the occasion of the Exhibition of Ukrainian Literature and Art in Moscow. Isk.kino no.1:64 Ja '60.

Polish Industrial Exhibition in Moscow. N.Mazok. Mashinostroitel' no 1:40-41 Ja '60.

Polish show N.Mikhina Tekh.mol. 27 no.12:24-26 '59

Progress of our friends. I.Kostenko. Kryl.rod. 10 no.12:27-29 D '59.

Should we approve such propaganda of progressive practice? F.Nazarov. V pom.polit samoobr. 3 no 12:120-121 D '59

Sunny panorama. Oleg Shmelev. Moskva 3 no.9:164-170 '59

Today's glass. A.Vaček. Znan.sila 34 no.11:23-25 N '59.

Why everybody should see the Exhibition of Achievements of the Soviet National Economy F.Tomashchuk. Otv. na vop.trud. no.106:29-32 '59.

MOSCOW—FACTORY LIBRARIES

Library for textile workers. T.Bolkhovitina. Bibliotekar' no.4:40-41 Ap '60.

MOSCOW—FAIRS

First Moscow Fair V.Kalmykov Sov.torg 33 no 1:28-32 Ja '60

MOSCOW—FINANCE—STUDY AND TEACHING

Bring academic instruction closer to life. P.P.Pshonichnyi. Sred.spets.obr. 6 no.11 28-31 N '59.

MOSCOW—FIRE DEPARTMENTS

Crossing ravines and rivers. P.Dolmatov. Pozh.delo 5 no 11:16-17 N '59

MOSCOW—FLEAS

Fleas of wild rodents in cities [with summary in English]. M.R.Netsengevich. Zool.zhur. 38 no.1:82-87 Ja '59.

MOSCOW—FLORICULTURE

State of commercial flower greenhouses of Moscow and measures for developing them and improving the assortment of plants and cultivation practices used. K.F. Kashirskii Trudy Bot.inst.Ser. 6 no.7:425-128 '59.

MOSCOW—FLORISTS

In a store on Arbat Street M.Zhalnina Moskva 3 no 9 222-223 '59

MOSCOW—GLASSWARE, CZECHOSLOVAKIAN—EXHIBITIONS

Czechoslovakian glass. Sem'ia i shkola 14 no.12:33 D '59.

MOSCOW—GRAPHIC ARTS, YUGOSLAV—EXHIBITIONS

Exhibit of Yugoslav graphic art. S.Gurevich. Iskusstvo 22 no.10:42-46 '59.

MOSCOW—HANDICRAFT—EXHIBITIONS

This kind of a pavillion is needed! V.Tolstov. Prom. koop. 13 no.12:28-29 D '59.

MOSCOW—HISTORICAL MUSEUMS—GUIDEBOOKS

[Through the rooms of the V.I.Lenin Central Museum; concise guidebook] Po zalam TSentral'nogo muzeia V.I.Lenina, kratkii putevoditel'. Moskva, Gos.izd-vo polit.lit-ry, 1960. 142 p.

MOSCOW—HOUSING

[Bulletin for exchange of living quarters.] Biulleten' po obmenu zhiloi ploshchadi no.31/32 My '60.

MOSCOW—INDUSTRIES

Aid to enterprises. I.Zotov. Vop.ekon. no.5:133-134 My '60.

MOSCOW—KREMLIN—GUIDEBOOKS

[Through the Kremlin; concise guidebook] Po Krem[illegible] kratkii putevoditel'. Izd.2., dop.[Moskva] Mosk. rabochii, 1960. 303 p.

MOSCOW—LABOR AND LABORING CLASSES

He who does not work does not eat; discussion by propagandist S.Naumov. Sov.profsoiuzy 16 no.7 [illegible] '60.

MOSCOW—LABOR AND LABORING CLASSES—MEDICAL CARE

Life-giving force. I.Agafonov. Okh.truda i s[illegible] no.12:26-28 D '59.

We are working in a new way. G.Moskaleva. Okh. truda i sots.strakh. no.12:18-21 D '59

MOSCOW—LABOR PRODUCTIVITY

Methods of computing labor productivity. S.[illegible] Nauch.dokl.vys.shkoly; ekon.nauki no.4 [illegible]

The new order for planning labor productivity [illegible] V.L'vov. Sots.trud 4 no.7:120-123 Jl '59.

MOSCOW—LARCENY

In the dead of the night. V.Bankov. Sots.zakon. [illegible] no.12 56-57 D '59.

MOSCOW—LIBRARIES

Moscow. Publichnaia biblioteka. [Guidebook to the Lenin State Library] Putevoditel'. Moskva, 1959. 107 p.
(NN)

Oldest reading room in Moscow. G.Ko[illegible] Bibliotekar' no.4:55 Ap '60.

MOSCOW—LIGHTING—EXHIBITIONS

Illumination of the Czechoslovakian glass ex[illegible] was held in Moscow. Jaroslav Frič, Robert [illegible] Svetotekhnika 5 no.12:1-4 D '59.

MOSCOW—LITERARY SOCIETIES

Literary guild of an automobile plant N [illegible] Moskva 3 no 9 219-220 '59

MOSCOW—MANUFACTURES

On the path of specialization and enlargement of [illegible] A.Klimov. Prom.koop. 13 no.12:1-5 D '59.

MOSCOW—MATHEMATICS—SOCIETIES, ETC.

From the administration of the Moscow Mathematical Society. Usp.mat.nauk 11 no.6:215 N D [illegible]

MOSCOW—MAY DAY (LABOR HOLIDAY)

Soviet footwear and a Swedish journalist. D [illegible] Nov.vrem. 18 no.10:23 My '60

MOSCOW—MEAT INDUSTRY

Change the conditions of livestock reception at meat combines. A Dorokhov, I. Lazarenko, O. [illegible] Mias. ind. SSSR 30 no 2:24-25 '59.

MOSCOW—MEAT INDUSTRY—MANAGEMENT

Economic justification of new techniques [illegible] G.Odintsova Mias.ind SSSR 30 no.[illegible]

MOSCOW—MEDICINE—STUDY AND TEACHING

Ideological and political education of students at the Moscow Medical School No 28 of the N V [illegible] Institute. G. P Isakov, M I. Shkol'nik Zdrav.Ros. Feder 3 no.12:10-13 D '59.

MOSCOW—METALLURGICAL PLANTS

History of the "Serp i Molot" Metallurgical Plant in Moscow. Zh.V.Smirnova. Trudy Inst.ist.est.i tekh. 26:240-262 '59.

MOSCOW—MOTION-PICTURE FESTIVALS

Motion pictures in contemporary society. Isk.kino no.11:54-71 N '59.

MOSCOW—MOTION-PICTURE INDUSTRY

E.Sever writes to the editors. Isk.kino no.11 [illegible]

The studio is turning over a new leaf. V.Surin. Isk.kino no.11:86-93 N '59.

MOSCOW—MOTION PICTURES

Cinema in Moscow of the year 1965 Mikh Bel[illegible] Moskva 3 no.9 216-217 '59

MOSCOW—MUSEUMS

New displays. Moskva 3 no.11:221-222 '59

MOSCOW—MUSIC LIBRARIES

Moscow needs a music library. Z.Marinin. Sov.muz. 24 no.1:198-199 Ja '60.

MOSCOW—NATURAL HISTORY—SOCIETIES, ETC.

Charles Darwin and the Moscow Naturalists' Society. [illegible] Strashun. Biul.MOIP.Otd.biol. 64 no.4 [illegible] '59.

MOSCOW—NOISE

Characteristics of noise in apartments in Moscow [with summary in English]. I.L.Karagodina. Gig.i san. 24 no.12:7-11 D '59.

MOSCOW—OBSERVATORIES

Popular astronomical observatory. N.Semakin. Agitator no.24:54 D '59

MOSCOW—OPERA
After the tour of the "Komishe Oper." E. Gorsheva. Sov. muz 24 no. 1 86-93 Ja '60.

MOSCOW—ORTHODOX EASTERN CHURCH
Church feast Zhur. Mosk Patr no. 3:11-12 Mt '60.

MOSCOW—OTOLARYNGOLOGICAL SOCIETIES
Minutes of meetings of the Moscow Otolaryngological Society. Vest. otorin 21 no. 6:109-117 N-D '59.

MOSCOW—PHOTOGRAPHY—EXHIBITIONS
Exhibition day is near. Sov. foto 19 no. 11:6-8 N '59.

MOSCOW—PHYSICALLY HANDICAPPED—REHABILITATION
The plant shows concern for the physically handicapped. E. Valentinov, M Azorin Sots obsep. 20 no. 12 31-32 D '59.

MOSCOW—PIANISTS
Marginal notes in concert programs. Florestan. Sov. muz. 21 no. 1.129-131 Ja '60.

MOSCOW—PIONEERS (COMMUNIST YOUTH)
IAkovlev, V.G., ed. [Our generation; pages from the history of the Moscow Organization of Young Pioneers] Nasha smena, stranitsy iz istorii Moskovskoi organizatsii iunykh pionerov imeni V.I. Lenina. [Moskva] Mosk. rabochii, 1959. 254 p.
(MH)

MOSCOW—POLITICS AND GOVERNMENT
[Bulletin of the Moscow Executive Committee.] Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta no. 8 Ap '60.

Moscow time. Boris Polevoi. Moskva 3 no. 11:4-6 '59

MOSCOW—PONDS
The ponds of Moscow Mark Khromchenko Moskva 3 no 9 221-222 '59

MOSCOW—PRECAST CONCRETE CONSTRUCTION
New technology on Moscow construction sites. A. Biriukov. Zhil stroi. no. 12:2-5 '59.

Some organizational and technological problems in prefabricated housing construction in Moscow. A. Kashirskii, B. Smirnov. Arkhit. i stroi. Mosk. 8 no. 12:8-12 D '59.

To be used in completely prefabricated construction. S. Maiorov. Arkhit. i stroi. Mosk. 8 no. 12:6-7 D '59.

MOSCOW—PRECIOUS METALS—METALLURGY
The "silver mines" of Moscow. G. Alova. Moskva 3 no. 10:182-188 '59

MOSCOW—PRESTRESSED CONCRETE
Making prestressed reinforced concrete construction elements in Moscow S IA Maksimov. Bet. i zhel.-bet. no. 12.542-546 D '59

MOSCOW—RED CROSS
Able organizer. K. Kamilov Sov kras. krest 9 no. 6. 14-15 N-D '59.

MOSCOW—REINFORCED CONCRETE
The seven-hour workday at a Moscow reinforced concrete plant T. Zlatopol'skaia. Sots. trud no 12:113-115 D '58

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.
"Artistic," Obshchestv. pit. no. 12:32-34 D '59.

Novyye Cheremushki, block No. 9... A. Fradkin. Obshchestv. pit. no. 10:32-34 O '59.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Evident advantages. G. Martynov. Obshchestv. pit. no. 10: 13 O '59.

MOSCOW—REVOLUTION, 1917-1921
Struggle of workers of the "Dinamo" Plant during the period of the preparation for and carrying through of the Great October Socialist Revolution, from March through November, 1917. L. A. Karlova. Uch. zap. MGZPI no. 4:355-391 '59.

MOSCOW—RUBBER INDUSTRY
To the "fund of the seven-year plan." S. Troianker NTO no. 11:31 N '59

MOSCOW—SAUSAGES
One year of operation under the shopless organization of plant management K. Frolova, Z. Valiev. Mias. ind. SSSR 30 no. 2:37 '59.

MOSCOW—SEWING
An hour earlier. G. Il'in. Zhizn' glukh. 12 no. 11:7 N '59.

MOSCOW—SHEEP—EXHIBITIONS
Review of sheep raising for mutton production at the Exhibition of Achievements in the National Economy. A. P. Lobachik. Ovtsevodstvo 5 no. 12:26-27 D '59.

MOSCOW—STORES, RETAIL
Aleksandrov, F. [Department stores and shops of Moscow] Univermagi i magaziny Moskvy. [Moskva] Mosk. rabochii, 1960. 214 p.

In the stores along Gorkiy Street. Vl. Ishimov, S. Polikarpov Moskva 3 no 8 209-220 '59

MOSCOW—TAILORING
A store takes orders on tailor-made clothes V Kantor Sov torg 33 no 1 35-38 Ja '60

MOSCOW—TECHNICAL EDUCATION
Work of the Moscow Party Organization in introducing more technical education at the secondary-school level during the period from the 20th to the 21st Congress of the CPSU. IA. V. Dubrovskii. Uch. zap. MGZPI no 4 393-440 '59

MOSCOW—TECHNOLOGICAL INNOVATIONS
Make way for technological innovations V. Lapshin. Prom. koop. 13 no. 12 10-11 D '59.

MOSCOW—TEXTILE INDUSTRY—HYGIENIC ASPECTS
Old shortcomings in the new equipment. G. Pogorelov and others. Okhr. truda i sots. strakh. no. 12,29-30 D '59.

MOSCOW—THEATER
Chekhov at the Vakhtangov Theater. Ruben Simonov. Teatr 21 no. 1 104-107 Ja '60.

Chekhov's plays at the Moscow Art Theater. Teatr 21 no. 1,162 Ja '60

"The dreams of Simon Mashar." A. Gastev. Teatr 21 no. 1:186-189 Ja '60

"Stolen life." L. Borovoi. Teatr 21 no. 1:184-186 Ja '60.

Successful debut N Lazareva Smena 36 no. 23 19 D '59.

"Sword of Damocles." B. Emel'ianov. Teatr 21 no. 1:173-176 Ja '60

MOSCOW—THEATER—PRODUCTION AND DIRECTION
From the stage-director's script of "Ivanova. Vl. I. Nemirovich-Danchenko. Teatr 21 no 1.148-151 Ja '60.

From the stage-director's script of "Three sisters." K S. Stanislavskii. Teatr 21 no. 1 130-147 Ja '60.

MOSCOW—THEATERS
Obraztsova, A. G. [Mossovet Theater; an account of its work] Teatr imeni Mossoveta, ocherk tvorcheskogo puti. [Moskva] Iskusstvo, 1959. 233 p.
(MH)

MOSCOW—TOY THEATERS
Fortieth anniversary of the theater of pantomime and mimicry. A. IAmpol'skaia. Zhizn' glukh. 12 no. 11: 14 N '59.

MOSCOW—TOYS—EXHIBITION
At the toy exhibitions. E. Korvin. Doshk. vosp 33 no. 1: 79-80 Ja '60.

MOSCOW—TUBERCULOSIS
Incidence of tuberculosis among medical workers in Moscow tuberculosis hospitals T. A. Veselkina. Probl. tub 37 no. 7:13-19 '59.

MOSCOW—UNDERPASSES
For more convenient transportation and greater safety of pedestrians. Arkhit. i stroi. Mosk. 8 no. 12:30-31 D '59.

MOSCOW—UNIVERSITIES AND COLLEGES
People's university. Nauka i zhizn' 26 no. 12:16 D '59.

MOSCOW—ZOOLOGICAL GARDENS
Newcomers at the zoo. I. Sosnovskii. Ogonek 38 no. 3: 30 Ja '60.

MOSCOW BASIN—COAL GASIFICATION, UNDERGROUND
Method for the approximate estimation of the degree of waterbearing in coal gasification areas under conditions prevailing in the Moscow Basin K F. Bogoroditskii Podzem. gaz. ugl. no. 4 52-57 '59

MOSCOW BASIN—COAL MINING MACHINERY
New equipment for Moscow Basin mines. N. Merkulov. Mast. ugl. 8 no. 2:8 F '59.

MOSCOW PROVINCE—AGRICULTURE
For the rapid development of agriculture in Moscow Province. Mosk. prop. 16 no. 12:3-11 D '59.

Prospects for the development of agriculture in Moscow Province. A. Bukharov. Ekon. sel'khoz. 30 no. 8.19-28 D '59.

MOSCOW PROVINCE—ALSIKE CLOVER
Morphological features of different age phases in the formation of the alsike clover plant (Trifolium hybridum L.) in Moscow Province. T. M. Pokrovskaia. Nauch. dokl. vys. shkoly; biol. nauki no. 2:110-115 '60.

MOSCOW PROVINCE—BOOKSELLERS AND BOOKSELLING
[For open shelves in bookstores; practices of the Moscow Book Trade Office] Za shirokii dostup k knizhnym polkam; iz opyta Mosknigotorga. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 63 p.

MOSCOW PROVINCE—COMMUNIST EDUCATION
For a higher standard in propagandizing economic knowledge. Mosk. prop. 16 no. 12:12-20 D '59.

MOSCOW PROVINCE—CONSTRUCTION INDUSTRY
Successes of interfarm building organizations of the Moscow region. I. Polonskii. Sel'. stroi. 14 no. 12: 17-18 D '59.

MOSCOW PROVINCE—COTTON MANUFACTURE—PRODUCTION STANDARDS
Experience deserving the attention of all textile workers M Shelekhov. Sots. trud no 12:121-123 D '58.

New wage scale at a textile plant. P. Chagin Sots. trud no 12 116-121 D '58

MOSCOW PROVINCE—DESCRIPTION AND TRAVEL
Where can you go on your day off. I. Galichenko. Otv na vop. trud no 106:32-37 '59.

MOSCOW PROVINCE—ECONOMIC POLICY
Great energy. P. Demichev. Moskva 3 no. 11:7-19 '59.

MOSCOW PROVINCE—EFFICIENCY, INDUSTRIAL
A school of communist life and labor. A Beliakov. V pom polit samoobr 3 no 12:67-70 D '59

MOSCOW PROVINCE—FISHING
Bernshtein, S. M. [Fishing in reservoirs of the Moscow area] Lovlia ryby v vodokhranilishchakh Podmoskov'ia. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 91 p.

MOSCOW PROVINCE—LIVER FLUKE
Specific features in the ontogeny of Fasciola hepatica (L.) under conditions prevailing in Moscow Province. I. N. Vasil'eva Nauch. dokl. vys. shkoly; biol. nauki no. 2:7-10 '60.

MOSCOW PROVINCE—MILITARY EDUCATION
Delegating authority among committee members. Voen. znan. 36 no. 4:17-18 Ap '60.

MOSCOW PROVINCE—MOTHS
Forecasting mass outbreaks of the lackey moth (Malacosoma neustria L.) in Moscow Province. V. I. Benkevich. Nauch. dokl. vys. shkoly, biol. nauki no 2,15-19 '60.

MOSCOW PROVINCE—PENSIONS
Branch office of the Shatura District Social Security Department P Khromov Sots obesp 20 no. 11 11-12 N '59

MOSCOW PROVINCE—PLANTS, FLOWERING OF
Data on the beginning of flowering in Padus racemosa (Lam.) Gilib., Caragana arborescens Lam., and Betula verrucosa Ehrh in the Moscow area over a period of 74 years. A V. Tiurin Bot zhur 14 no 11 1639-1640 N '59.

MOSCOW PROVINCE—SEDGES
Juncus macer S. F. Gray in Moscow Province. V. N. Tikhomirov and others. Nauch. dokl. vys. shkoly, biol. nauki no. 2:121-124 '60.

MOSCOW PROVINCE—SOILS—ELECTRIC PROPERTIES
Measurements are taken by the students. V. Petukhov. Radio no 12:10 D '59

MOSCOW PROVINCE—STATE FARMS
Payment of wages to workmen depending on the quantity of their production. N. Ochkin, F. Ovchinnikov. Ekon. sel'khoz. 30 no. 8:81-86 D '59.

MOSCOW PROVINCE—VEGETABLE GARDENING
Our gift to the plenum of the Central Committee of the CPSU. I. S. Monakhov. Sad i og 97 no. 11:6-9 N '59.

Using peat on specialized state vegetable and potato farms of Moscow Province. M N Nikonov, N A. Polianskii Ud. i ur 4 no. 11,36-41 N '59

MOSCOW REGION—DRIFT
Materials on lithological studies of Quaternary sediments in the Odintsovo section E V. Rukhina. Biul. Kom. chetv. per. no. 23:57-65 '59

MOSCOW REGION—NEWSPAPER AND PERIODICAL CIRCULATION
In cities and villages near Moscow. K. Baida. Raspr. pech. no. 12:4-5 D '59.

MOSCOW RIVER—INLAND WATER TRANSPORTATION
Progressive ship crews on Moscow River ships. Rech. transp. 18 no. 11:45-46 N '59.

MOSCOW UNIVERSITY
Friendly cooperation of several universities. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:222-223 '59.

MOSKVA VALLEY
Shifting of the Moskva River bed and mechanism of the formation of flood-plain and above-flood-plain terraces. S. V. Liuttsau. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:201-204 '59.

MOSQUITOES
(see also subdivision under Batumi District; Dushiti District, Pamirs; Rushan District; Stalingrad region, Vietnam, North)

Age composition and epidemiological significance of Anopheles maculipennis mosquitoes in the vicinity of Stalingrad during a number of years S. M. Kozhevnikova. Med paraz. i paraz. bol 28 no. 5; 555-560 S-O '59.

MOSSES
Observations on the morphology and ecology of regenerative protonema in Tortula ruralis Hedw. and T. desertorum Broth (with summary in English) A.S. Lazarenko. Ukr.bot zhur. 16 no 5 55-64 '59

MOTH FLIES see subdivision under Azerbaijan

MOTHERS
Deprived of the name "mother " S Bol'shakova Ogonek 37 no 52 26-27 D '59
A mother's folk wisdom. A.Sergeeva. Sem'ia i shkola 13 no.3 7 Mr '58

MOTHER'S DAY
"Mother's Day"; a school festival. A.Molchanov. Sem'ia i shkola 13 no.3 46 Mr '58.

MOTHS
(see also subdivision under Moscow Province, Ul'yanovsk Province)
Parasites of the diamondback moth and the European cabbage moth Kh.G Kopvillem Zashch rast ot vred i bol 4 no 3 36-37 My-Je '59.

MOTION
Some questions pertaining to the problem of two bodies. V.T.Kondurar'. Sbor.nauch trud.IEI no.8·452-479 '58.
Stability of the rotating motion of a solid body having a cavity filled with a liquid. V V Rumiantsev. Prikl.mat i mekh. 23 no.6 1057-1065 N-D '59.

MOTION-PICTURE CAMERAS
Page of the amateur motion-picture photographer; the motion-picture camera becomes universal. Enn Peep. Sov.foto 19 no.11 66-67 N '59.
The RKS-1 camera for high-speed motion-picture photography S M Provornov, O F. Grebennikov Prib.i tekh eksp no 6·104-107 N-D '59.

MOTION-PICTURE CAMERAS—TESTING
General purpose portable insturment for field testing of motion-picture cameras O.I.Reznikov. Tekh.kino i telev. 3 no 11 73-75 N '59.

MOTION-PICTURE CARTOONS see subdivision under Czechoslovakia

MOTION-PICTURE CRITICISM
Alesha Skvortsov is not dead. V.Solov'ev. Isk.kino no.1:71-72 Ja '60.
Art of the detail. L.Sukharevskaia. Isk.kino no.1·79 Ja '60.
Birth of an actor. A.Makarov. Isk.kino no.1:76-78 Ja '60.
Call sounded by humanism. M.Iof'ev. Isk.kino no.1:85-86 Ja '60.
Decorative setting. M.Kvasnetskaia. Isk.kino no.1:81-83 Ja '60.
Forgetting the "small detail." F.Svetov. Isk.kino no.1·86-87 Ja '60.
Forty seconds. G.Khalturin. Isk.kino no.1:80 Ja '60.
"Live! This is my testament." E.Vorob'ev. Isk.kino no.1·69-71 Ja '60.
People need it. N.Ignat'eva. Isk.kino no.1·74-80 Ja '60.
Pure as crystal. S.Luk'ianov. Isk.kino no.1:74 Ja '60.
Speaking for the generation. S.Rostotskii. Isk.kino no.1:65-67 Ja '60.
There is still much to say on this theme. M.Khutsiev. Isk.kino no.1:72-73 Ja '60.
We expected something different. F.Markova. Isk.kino no.1·83-85 Ja '60.
With love for the hero--his contemporary. Z.Agranenko. Isk.kino no.1·68-69 Ja '60.

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE INDUSTRY see subdivision under Moscow; Rumania

MOTION-PICTURE INDUSTRY—EMPLOYEES
Are they future motion-picture employees? IU.M. Isk kino no 12 130-131 D '59

MOTION-PICTURE PHOTOGRAPHY
Actors and landscapes. I.Felitsin. Isk.kino no 11·114-115 N '59.
In quest of still photographs. L.Aleksandrovskaia. Isk. kino no.11:109-110 N '59.
Permit me to remind you. B.Konoplev. Isk.kino no.11·105-108 N '59.
A sea battle was filmed in this manner. M.Semenov. Isk kino no.11:112-114 N '59.
Some possibilities for the over-all mechanization of the filming of motion pictures. V.B.Tolmachev. Tekh. kino i telev. 3 no.11·7-15 N '59.
Unlimited opportunities. G.Aizenberg. Isk.kino no.11·110-112 N '59.
You can make a motion picture yourself. R.Maistrovyi. Znan.ta pratsia no.12:19-20 D '59.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
New power sources for motion-picture photography equipment and their operational characteristics. M.B. Khalameizer. Tekh.kino i telev. 3 no.11·64-67 N '59.
Wide screen equipment for filming theatrical motion pictures (answering the article "One or three lenses for panoramic motion pictures" by A.A.Lapauri) F.F. Provorov Tekh.kino i telev. 3 no.11 58-61 N '59.

MOTION-PICTURE PHOTOGRAPHY—FILMS
New highly sensitive type E negative motion-picture film. A.O.Kondakhchan, S.A.Verkhovets, G.G.Sheviakov. Tekh.kino i telev. 3 no.11,16-18 N '59.
Operating small film restoration machines. F.Maslianskaia. Tekh.kino i telev. 3 no.11 76-77 N '59.

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—FILMS—STANDARDS
New standards. Tekh.kino i telev. 3 no.11 95-96 N '59.

MOTION-PICTURE PLAYS
(see also subdivision under Bulgaria, China, France; Georgia; Great Britain, Italy; Norway; Poland; United States)
About happiness. F. Denisiuk, S. Rostotskii, B. Metal'nikov. Isk kino no.11·151-154 N '59.
Against the petit bourgeois. L.Kozlov. Isk.kino no.12:88-91 D '59
Attention comrade motion-picture employees! Isk.kino no.11:53 N '59.
"Ballad about a soldier." Kinomekhanik no.12·42 D '59.
Birth of a Chekhov play. S.Vladimirskii, S.Taits. Isk. kino no.1:102-124 Ja '60.
Common and uncommon. G.Khalturin. Isk.kino. no.12·91-93 D '59
Difficulties of a genre. Mikhail Makliarskii. Isk.kino no 12·109-115 D '59
Down with bad films! Isk.kino. no 12·2-4 D '59.
The fate of a poet and a screenplay. I.Levshina. Isk.kino no 12·96-99 D '59.
From the editor's mailbox. Isk.kino no.12·170 D '59.
From the motifs of an epic. V.Ivanov. Isk.kino no.12·93-96 D '59
His own word. E.Gabrilovich. Isk.kino no.1·11-12 Ja '60.
In a chic society. N.Labkovskii Isk.kino no 12·162-163 D '59
In search for dimensions. M.Bleiman. Isk.kino no.1:6-8 Ja '60.
Let the short story film live. M.Zak. Isk.kino no 12·104-108 D '59
Letters without envelopes. N.Klado. Isk.kino. no.12:116-122 D '59
On the roads of war and peace. I.Kokoreva. Isk.kino no.1·8-10 Ja '60.
Plot and prolongation. I.Kuznetsova, V.Zalesskii. Isk. kino no.11 72-78 N '59.
Relying on the gifts of an Apollo N.Lordkipanidze. Isk. kino. no.12,100-101 D '59
Something new in an old genre. A.Filimonov. Isk.kino no 11·81-84 N '59.
"Tip your hat before this Don Quixote!" Isk.kino no.11:150 N '59.
"United front." Kinomekhanik no.12:42 D '59.

MOTION-PICTURE PROJECTION see subdivision under Alma-Ata; Brest Province; Dorogobuzh; Kopyl'; Mukachevo, Razdelnaya; Saratov; Voronezh Province

MOTION-PICTURE PROJECTION—SAFETY MEASURES
Important school course. A.Sidorov. Kinomekhanik no.12:19 D '59.
What fires teach us. V.Semenov. Kinomekhanik no.12:20 D '59.

MOTION-PICTURE PROJECTORS
(see also subdivision under Italy)
Automatic adjustment of the arc lamp of a 15,000 lumen motion-picutre projector. T.V.Derbisher, V.V.Piskunov. Tekh.kino i telev. 3 no.11:19-24 N '59.
Improving the projector fire shutter. S.Nikiforov. Kinomekhanik no.12:40-41 D '59.
Motion-picture projection without film rewinding. A.Bodrov, I.Fonar'. Kinomekhanik no.12:29-31 D '59.
Mounting of the obturator should be modified. Kinomekhanik no.12:37 D 59.
New motion-picture projector for advertising purposes. A.Karal'nik. Kinomekhanik no.12:33-34 D '59.
Projector fire shutter. A.Kostogarov. Kinomekhanik no.12:41 D '59.

MOTION-PICTURE PROJECTORS—MAINTENANCE AND REPAIR see subdivision under Tallinn

MOTION-PICTURE PROJECTORS—STANDARDS
New standards. Tekh.kino i telev. 3 no.11·95-96 N '59.

MOTION-PICTURE THEATERS
(see also subdivision under Kaliningrad; Ukraine)
Sound reproduction equipment of mobile panoramic motion-picture theaters. G.Voloshin. Kinomekhanik no.12 26-28 D '59.

MOTION-PICTURE THEATERS—COMPETITIONS see subdivision under Astrakhan Province

MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION
New rules relative to fires and fire prevention. Kinomekhanik no.12·21-22 D '59.

MOTION PICTURES
(see also subdivision under China; Kazakhstan, Kirghizistan; Kuybyshev Province; Moscow; Ukraine)
Association of youth. N.Chernova. Isk.kino no.1:[illegible] Ja '60.
Calendar of motion-picture history. E.Kuznet[illegible] Isk. kino no.1:152 Ja '60.
The conversation must continue ("Problems of cinema art." Vols.1-3. Reviewed by N.Lordkipanidze) Isk. kino no.11:133-136 N '59
Information. Isk.kino no.11:140-141 N '59
Let us make a successful close of the year. A.G[illegible]skii. Kinomekhanik no.12:4-6 D '59.
Let's work together S.Gerasimov. Sov.pech. no.12 68-69 D '59
News from everywhere. Isk.kino no.1:143-145 Ja '60.
Promoting high standards of economy. Kinomekhanik no.12·2-3 D '59.
Questions on the history of cinema and our contemporaneity I.Vaisfeld' Neva no.10:183-190 '59
Speeding up progress and promoting advanced techniques in motion-picture photography and the motion-picture industry. V.G.Komar. Tekh.kino i telev. 3 [illegible] 1-6 N '59.
The spring of mankind. Isk.kino no.11·1-4 N '59

MOTION PICTURES—BIBLIOGRAPHY see Bibliography—Motion pictures

MOTION PICTURES—CONGRESSES
Fourth International Colloquium on Motion-Picture Technology. Tekh.kino i telev. 3 no.11·91-92 N '59

MOTION PICTURES—APPRECIATION
Spectators' reaction; from the pages of newspapers Isk. kino no.1:4-5 Ja '60.

MOTION PICTURES—EQUIPMENT AND SUPPLIES see subdivision under Poland; Tallinn

MOTION PICTURES—PRODUCTION AND DIRECTION
Plan for the production of motion pictures. Isk.kino no.1:134-135 Ja '60.
Revealing the man to men. A.Vlasov, A.Mi[illegible]. Isk. kino no.1:126-132 Ja '60.

MOTION PICTURES—SETTING AND SCENERY
Actors and landscapes. I.Felitsin. Isk.kino no.11 114-115 N '59.
Reality and fantasy. V.Stroeva, G.Roshal'. Isk.kino no.11:106-109 N '59.
Unlimited opportunities. G.Aizenberg. Isk.kino no.11 110-112 N '59.

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Denmark)
How the movie "N.S. Khrushchev in America" was filmed. Sergei Kiselev. Moskva 3 no.11·29-35 '59
New educational motion pictures. Sred.spets.obr. 6 no.11:62 N '59.
Reading newspapers and periodicals; newspaper [illegible] Isk.kino no.12 132-135 D '59.
The question is ripe. V.Sliuianov. Isk.kino no.12 [illegible] D '59
Subjects of primary importance. M.Tikhonov. Isk.kino no.12:127-129 D '59
Technology is not dull. V.Mailin. Isk.kino no.11 [illegible] N '59.

MOTION PICTURES, MUSICAL
"Khovanshchina" as a movie. N.Tumanina. Sov.muz. 24 no.1:96-101 Ja '60.

MOTION PICTURES, TALKING
Glukhov, V.I., A.T.Kurakin. [Techniques of sound recording for motion-picture films; experience of amateur motion-picture photographers] Tekhnika ozvuchaniia fil'ma; iz opyta raboty kinoliubitelei. Moskva, Gos izd-vo "Iskusstvo," 1960. 85 p. (Biblioteka kinoliubitelia)

MOTION PICTURES, THREE-DIMENSIONAL
Three-dimensional motion pictures B Natarov Nauka i zhyttia 8 no.5,14-17 My '58.

MOTION PICTURES AND CHILDREN see subdivision under Crimea

MOTION PICTURES AND TELEVISION
Let's take a look at the road. Mikh.Romm. Isk.kino no.11:116-131 N '59.

MOTION PICTURES FOR CHILDREN
"Fairy-tale films." Reviewed by I. TSizin. Isk kino no. 11:137-138 N '59.
Let's have more motion pictures for children. IU. Znamenskii. Sem'ia i shkola 14 no. 12:37-38 D '59.

MOTION PICTURES IN AGRICULTURE
Friends of animal husbantry. R. Ibragimov. Kinomekhanik no. 12 insert:2-3 D '59.
From the collection of agricultural films. Kinomekhanik no. 12 insert:1 D '59.
Movies in the service of agriculture. E. Vasil'ev. Kinomekhanik no. 12 insert:4 D '59.

MOTION PICTURES IN EDUCATION
All-Union Congress on Educational Motion Pictures. E. G. Inostr. iaz v shkole no. 6:110-114 N-D '59
Documentary films for the study of the topic "The Franco-Prussian War and the Paris Commune." A. G. IUkov. Prep. ist. v shkole 11 no. 6,81-85 N-D '59.
"Educational motion pictures approved by the Ministry of Education of the R. S. F. S. R. as a textbook for students of teachers' institutes" by S. I. Arkhangel'skii. Book review. Nar obr. no. 5:136 My '60.
Motion-picture films illustrating themes studied in the second half of the year. Geog. v shkole 22 no. 6:79-82 N-D '59.
Motion pictures for schools M Krupnova. Isk kino no. 12:169 D '59
New motion pictures Avtom. telem. i sviaz' 4 no 1:15 Ja '60
Use of filmstrips and motion pictures in teaching foreign languages T. G Kurtts Inostr iaz. v shkole no 6: 61-70 N-D '59

MOTION PICTURES IN INDUSTRY
Motion-picture photography of the fuel oil burner flame in open-hearth furnaces. V G. Lisienko, N I. Kokarev, S. G. Troib. Izv vys ucheb zav.; chern. met 2 no 8: 127-134 Ag '59

MOTION PICTURES IN PROPAGANDA see subdivision under Crimea; Rostov Province

MOTION STUDY
Experimental study of the sensory and motor structure of action [with summary in English]. N. G. Levandovskii. Vop. psikhol 5 no 6,12-54 N-D '59

MOTOR ABILITY
Individual differences in the liveliness of the nerve processes in the formation of motor skills [in Ukrainian with summary in Russian]. M. IU. Malkov. Nauk. zap. Nauk.-dosl. inst. psykhol. 9 148-178 '58.

MOTOR FUELS
Adding water to fuel and its effect on the duty and efficiency of carburetor engines. K. P. IArovskii. Trudy LTA no. 83:99-110 '59.
Additive for heavy motor fuels with a high sulfur content. T. Skichko Neftianik 4 no. 12:27 D '59.
Using Khanlar clays in the synthesis of isopropyl benzene and using isopropyl benzene peroxide for motor fuels [in Azerbaijani with summary in English]. IU. G. Mamedaliev, S. A Sultanov Azerb. neft khoz. 37 no. 6:33-34 Je '58

MOTOR SCOOTERS
Exhibition of motorcycles and motor scooters B. IUrkov Za rul 17 no 12:3-5 D '59.

MOTOR SLEDGES
Motorized sled. IUn. tekh. 4 no. 11:80 N '59.

MOTOR VEHICLES
(see also subdivision under Poland)
New textbook on traction machinery ("Traction machinery" by D. D. Crakhtin. Reviewed by A. V Durov, V. A Afanasov). Izv vys. ucheb zav les. zhur 2 no 6:169-172 '59
News of the development of foreign engineering Za rul 17 no 12 26-27 D '59
Readers' suggestions. Za rul. 17 no. 11:20 N '59.
Readers' suggestions. Za rul. 17 no. 11:29 N '59.

MOTOR VEHICLES—COLD WEATHER OPERATION
When winter frosts come. I. Kruze. Za rul. 17 no. 11: 28-29 N '59

MOTOR VEHICLES—ENGINES
Akatov, E. L., and others. [Performance of a motor-vehicle engine under unsteady conditions] Rabota avtomobil'nogo dvigatelia na neustanovivshemsia rezhime. Pod red. N. Kh. D'iachenko. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 247 p.

MOTOR VEHICLES—SPRINGS
Determining friction in spring suspensions of cars. P. M. Bogdanov. Izv. vys. ucheb. zav., mashinostr. no. 5: 131-142 '59.

MOTOR VEHICLES—TRANSMISSION DEVICES
Characteristics of two-stage hydraulic torque converters. V. I. Lapidus. Avt. prom. no. 12:11-15 D '59.
Effect of the type of turbines for single-stage hydraulic torque converters on their external characteristics. IU. N. Laptev. Vest. mash. 40 no. 1:20-25 Ja '60.

MOTORBOAT RACING
(see also subdivision under Kiev)
Federation has been organized. Za rul 17 no. 12 24-25 D '59.

MOTORBUSES
(see also subdivision under Hungary)
The ZIU-6 motorbus. Za rul. 17 no. 11:14-15 N '59.

MOTORBUSES—COLD WEATHER OPERATION
New heating system for the LAZ-695B motorbus. V. V Osepchugov, V. V Gissar. Avt. prom no. 12,23-24 D '59

MOTORCYCLE INDUSTRY see subdivision under Izhevsk

MOTORCYCLE RACING
(see also subdivision under Gottwaldov)
Champions of the U. S S R. for 1959 Za rul 17 no. 12 10-11 D '59
The decision of the board of judges has been revoked Za rul 17 no 12 22-23 D '59
A great cross-country race on a short course IU. Klemanov Za rul 17 no. 12 12-14 D '59
Racing abroad. Za rul. 17 no. 11:32 N '59.
Under the banner of October. Za rul. 17 no. 11:1 N '59.
Victory of Ufa drivers. A. Ivliev, M. Telegin. Za rul. 17 no. 11:10-12 N '59.

MOTORCYCLES
Exhibition of motorcycles and motor scooters B. IUrkov. Za rul 17 no 12 3-5 D '59
The new "Jupiter" IZH-IU and IZh-IUK-type road motorcycle. V. V. Bonshtedt. Biul. tekh.-ekon. inform. no. 11 71-72 '59.
The OSK-175 motorcycle. A Oleinikov. Za rul 17 no 12 7 D '59
Prospects for development in the coming years Za rul 17 no 12 3-5 D '59
Soviet bicycle. L. Sokolov. Za rul. 17 no. 12:19 D '59.

MOTORCYCLES—MAINTENANCE AND REPAIR
Resins instead of welding. Za rul. 17 no. 11:20-21 N '59

MOTORCYCLES—TOURING
After a difficult tour. T. Khudolarov, V. Rozhnov. Za rul 17 no. 11:30 N '59

MOTORSHIPS
Passenger motorship with superstructures made of light alloys. S. S. Timoshin. Biul. tekh.-ekon. inform. no. 12:63-64 '59

MOTORTRUCKS
(see also subdivision under China)
Ability of logging trucks to cross vertical obstacles. G. M. Parfenov. Nauch. dokl vys. shkoly, lesoinzh. delo no. 2 118-122 '59.
Mamleev, A. L., and L. R. Shutyi. [The ZIS-150 motortruck] Avtomobil' ZIS-150. Moskva, Voen. izd-vo M-va Vooruzhennykh Sil SSSR, 1950. 215 p.
More about trucks for transporting concrete. IU. M. Slesarev. Prom. stroi. 37 no. 12 52 D '59.

MOTORTRUCKS—ENGINES
(see also subdivision under Poland)
Electromagnetic regulator for motortruck engines. V. Z. Aleev. Mekh. i elek. sots. sel'khoz. 17 no. 6:48-50 '59.

MOTORTRUCKS—FRAMES
Graphoanalytic method for calculating the bending of frame girders. I. G. Parkhilovskii. Avt. prom. no. 12:21-23 D '59.

MOTORTRUCKS—FUEL CONSUMPTION
Fuel economy of lumber transportation units. V. B. Prokhorov. Trudy LTA no. 83:39-42 '59

MOTORTRUCKS—SPRINGS
Characteristics of vibrations of a three-axle motortruck having balancing suspension. N. N. IAtsenko. Avt. prom. no. 12:15-20 D '59.
Graphoanalytic method for bending calculation of frame girders. I. G. Parkhilovskii. Avt. prom. no. 12:15-20 D '59.

MOTORTRUCKS—TESTING
Electric measurement of the running speed and travelled distance in road tests for motortrucks. V. I. Sirotov, V. T. Surikov. Izv. vys. ucheb. zav., les zhur 2 no 6: 60-63 '59

MOUCHANOFF, MARIE (NESSELRODE) KALERGIS VON, 1822-1874
An unknown letter written by Wagner. Sov. muz. 24 no. 1:73-78 Ja '60.

MOUNDS
(see also subdivision under Aruk-Tau; Pamirs; Shikhino)
New archaeological data on the development of the ancient family V. S. Sorokin Sov arkheol. no. 4 10-18 '59

MOUNTAIN ECOLOGY see subdivision under Soviet Central Asia

MOUNTAINEERING
(see also subdivision under Mont Blanc)
[Conquered heights, 1954-1957; yearbook of Soviet mountain climbing] Pobezhdennye vershiny, 1954-1957, ezhegodnik sovetskogo al'pinizma. Moskva, Gos. izd-vo geogr. lit-ry, 1959. 384 p.

MOUNTAINS see subdivision under Crimea

MOUTH—DISEASES
Clinical and pathogenic aspects of apraxia of the face, mouth, and tongue [with summary in French]. K. Arseni, M. I. Botez. Zhur. nevr i psikh. 59 no. 12:1419-1424 '59.
Lukomskii, I. G. [Diseases of the teeth and oral mucosa] Bolezni zubov i slizistoi polosti rta. Izd. 2., ispr. Moskva, Medgiz. 1959. 379 p.
(DNLM)
Some peculiarities in the clinical aspects of herpes zoster of the oral mucous membrane. I A. Orlova Stomatologiia 38 no. 6:16-18 N-D '59.

MOVEMENT (PHYSIOLOGY)
Paradoxical nature of the effect of bromine and caffeine on voluntary motor reactions [with summary in English] M. F. Ponomarev. Fiziol. zhur. 45 no. 12:1430-1437 D '59.

MOVEMENT DISORDERS
Subcortical hyperkinesis and other motor phenomena occurring in patients during insulin coma [with summary in English]. A. E. Lichko. Fiziol. zhur. SSSR 45 no. 7: 811-819 Jl '59.

MOWING MACHINES
Hand mower I Sleptsov Trakt i sel'khozmash. no 1:47 Ja '60
KSF-1, O self-propelled front-mounted mower V I Gutorov, M G Famichev Trakt i sel'khozmash no. 1 35-36 Ja '60

MOZHAYSK—GARMENT CUTTING
The mystery of seven patterns A Mil'chakov Smena 36 no 23:7-9 D '59

MOZHGA DISTRICT—RETAIL TRADE
Wrong attitude. P. Fedorov, N. Dokuchaev. Sov. deput. trud. no. 12:70-72 D '59.

MTSENSK—RESTAURANTS, LUNCHROOMS, ETC
Drive-in restaurant on the highway. A. Dimov. Obshchestv. pit. no. 12 44-45 D '59.

MUCOUS MEMBRANE
Some comments on Docent A. IA. Popov's article "Methods for and objective rating of the gastric mucosa." S. N. Popov. Vest. rent. i rad. 34 no. 2:98-99 Mr-Ap '59.

MUCOUS MEMBRANE—CANCER
RUM-7 apparatus for Chaul therapy in cancer of the skin and mucosa. A. I. Ruderman, L. F. Uspenskaia. Vest. rent. i rad. 34 no. 2:67-71 Mr-Ap '59.

MUKACHEVO—MOTION-PICTURE PROJECTION
Useful seminar. S. Sen'ko. Kinomekhanik no. 12:17 D '59.

MUKHANOVO REGION (KUYBYSHEV PROVINCE)—OIL WELL DRILLING
Great achievements of Mukhanovo drillers A. S Dvoretskii. Neftianik 4 no 9 6-9 S '59.

MUKHINA, VERA IGNAT'EVNA, 1889-
Art of a revolutionary pathos. Karel Pokorny. Iskusstvo 22 no. 12,10-11 '59.
Creative search. R. Klimov. Iskusstvo 22 no. 12 12-22 '59.

MULLETS, RED see Red mullets

MULLITE
Mechanism of the mineralizing effect of additives on the process of mullite formation. M. F. Nazarenko. Vest. AN Kazakh. SSR 15 no. 12,78-88 D '59.

MULTIPLE SCLEROSIS
Multiple sclerosis. T. A. Makinskii. Nauka i zhizn' 26 no. 12:75-76 D '59.

MUMINABAD DISTRICT—PLANT LICE
Maculolachnus submacula Walk. (Lachninae, Aphidoidea) from Central Asia. M. N. Narzikulov. Dokl. AN Tadzh. SSR 2 no. 2:51-54 '59.

MUMPS
Mumps. E. M. Fateeva. Zdorov'e 5 no. 12:22-23 D '59.

MUNDAS
Vestiges of a dual organization among the peoples of Mundas. B. IA. Volchok. Sov. etn. no. 6:113-117 N-D '59.

MUNICIPAL SERVICES
(see also subdivision under Rostov-on-Don)
Brief news. Zhil.-kom. khoz. 9 no. 12:32 '59.
For municipal needs. Zhil.-kom. khoz. 9 no. 12:22-23 '59.
From the pages of journals. Zhil.-kom. khoz. 9 no. 12: 27-29 '59.
Improve the administrative apparatus of the communal economy. M. Dorokhov. Sots. trud no. 12:77-81 D '58.
More about reducing losses in communal housing and services. M. Roze. Fin. SSSR 21 no. 4:76-79 Ap '60.

MURAL PAINTING AND DECORATION

Results of the work of the Pendzhikent detachment in 1957. A.M.Belenitskii. Trudy AN Tadzh SSR 103 43-63 '59.

MURASHKO, OLEKSANDR OLEKSANDROVYCH, 1875-1919

Shpakov, A.P. [Oleksandr Oleksandrovych Murashko; an account of his life and works] Oleksandr Oleksandrovych Murashko, narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 26 p., illus

MURATOV, N.

A novel about Moldavian guerrilla fighters ("Dangerous frontier", a novel by N Muratov Reviewed by G Peliso). Komm Mold 4 no 11 76-78 N '59

MURATSAN, pseud of Grigor Ter-Ovannisian, 1854-1908

Some unpublished letters of Muratsan [in Armenian with summary in Russian]. A A Adamian Ist -filol zhur. no. 2/3 328-333 '59

MURAV'EV, IVAN ALEKSANDROVICH

Fifty years in public schools I.I. Sevast'ianov. Nach. shkola 28 no. 1:24-26 Ja '60.

MURMANSK PROVINCE—BUILDING

Antonov, A. F. [New city districts built in Murmansk Province during the seven-year plan] Novostroiki Murmanskoi oblasti v semiletke [Murmansk] Murmanskoe knizhnoe izd-vo, 1959 32 p.

MURMANSK PROVINCE—REINDEER—FEEDING AND FEEDS

Use of winter pastures in reindeer farming in Murmansk Province L. V. Makhaeva. Probl. Sev no. 3:66-77 '59.

MUSCLE

Composition of smooth muscles in vertebrates and invertebrates [with summary in English] A A Dykanova Ukr biokhim zhur 31 no 5 717-724 '59

Effect of formaldehyde on the coefficient of muscle polarization E V Burlakova TSitologiia 1 no 6:661 664 N-D '59

Histochemistry of arginine and histidine in muscle tissues [with summary in English] M E Struve. Arkh anat gist. i embr 37 no 10:48-61 O '59

Observations on the fixation of striated muscle fibers to chitin O. P Mukhina Arkh anat gist. i embr 37 no 10:88-90 O '59

MUSCLES

Apparatus for determining the tone balance of antagonistic muscles of the trunk. V. S. Farfel', IA. M Kots. Ortop., travm i protez. 20 no. 11.72-74 N '59.

Changes in the lability of rabbit muscles under immobilization O V. Nedrigailova, I F. Tiutiunnik Ortop., travm i protez 20 no. 4 50-55 Ap '59.

Effect of preliminary heating of the frog muscle on its resistance to injury by high temperatures and different chemical agents. N. A Shliakhter. TSitologiia 1 no. 6: 692-698 N-D '59

Electric activity of skeletal muscles in man and the act of respiration. IU. S. IUsevich Fiziol. zhur. 45 no. 12: 1477-1483 D '59.

Features of the contraction of the byssus muscle retractor in Mytilus [with summary in English]. Kh S. Koshtoiants, B A. Tashmukhamedov Fiziol zhur SSSR 45 no. 7:826-825 Jl '59

Primary muscle plastic surgery in the operation cavernotomy [with summary in French]. I P Zingel. Probl tub 37 no. 7.55-57 '59.

MUSCLES—BLOOD SUPPLY

Effect of muscle training on the development of the collateral circulation [with summary in English]. O. R. Radzliєvs'kyi Fiziol zhur. [Ukr.] 5 no 6:775-780 N-D '59

MUSCLES—DISEASES

Case of dermatomyositis. E. B. Shnaider. Zdravookhranenie 2 no. 5:46-47 S-O '59

Clinical aspects of dermatomyositis. T. V. Korovina, I. L. Maksimova, I. A. IAkovleva Zdravookhranenie 2 no. 5 40-45 S-O '59.

Pathological anatomy of dermatomyositis. V. Kh. Anestiadi, Zdravookhranenie 2 no. 5:48-51 S-O '59.

MUSCLES—INNERVATION

Relations between innervating systems in the neuromuscular apparatus of Crustacea [with summary in English]. A. K. Voskresenskaia, M. IA. Kuntsova, V. L. Sviderskii. Fiziol. zhur. SSSR 45 no. 7:830-839 Jl '59

MUSCLES—NECROSIS

Dynamics of changes in the striated muscles following mechanical injury. V. M. Bresler. Sud.-med. ekspert 2 no. 3:8-12 Jl-S '59.

MUSCOVITE

Static and dynamic deformation of muscovite. B. I. Revnov E. O. Shvaikovskaia. Kristallografiia 4 no. 5:756-760 S-O '59.

MUSCULOSKELETAL SYSTEM—ABNORMITIES AND DEFORMITIES

Prevention of deformations in the locomotor apparatus in acute and convalescent periods of poliomyelitis. A. F. Kaptelin, G. R. Kniazeva Vop. okh. mat. i det. 4 no. 6 8-12 N-D '59.

MUSEUMS see subdivision under Kvareli, Moscow, Shushenskoye, also subdivision 'Art galleries and museums' under Dresden, Leningrad

MUSHROOMS—CHEMICAL COMPOSITION

Chemical composition of pore fungi at different stages of their development. A. N. Shivrina and others. Bot. zhur. 44 no. 12:1724-1727 D '59.

MUSIC

(see also subdivision under Bashkiria, Italy, Kaunas, Leningrad, Paris, Tatar A. S. S R.)

Brief news. Sov. muz. 24 no. 1:200-208 Ja '60.

Brief notes. Sov. muz. 24 no. 1:185-186 Ja '60.

A word to friends. T. Khrennikov. Sov. muz. 24 no. 1: 4-7 Ja '60.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM

[In the first years of the development of Soviet music; articles, reminiscences, materials] V pervye gody sovetskogo muzykal'nogo stroitel'stva, stat'i, vospominaniia, materialy. Leningrad, Sovetskii kompozitor, 1959. 285 p.

Leningrad. Gosudarstvennaia konservatoriia. [Essays on the history and theory of music] Ocherki po istorii i teorii muzyki. Pod red. M. Druskina i IU. Tiulina. Leningrad, Gos. muzykal'noe izd-vo, 1958. 176 p.

A musician and his public. W. Furwangler. Sov. muz. 24 no. 1:22-33 Ja '60.

MUSIC—INSTRUCTION AND STUDY

Children's music schools. L. Ginzburg. Nar. obr. no. 5:103-104 My '60.

Music schools for children. M. Pil'shchikov. Prom. koop. 13 no. 12:31 D '59.

MUSIC—THEORY

Significance of L. Eller's works on the theory of music. V. O. Smyrnov. Pratsi Od. un. Zbir. stud. rob. no. 5: (vol. 149) 125-131 '59.

MUSIC, POLISH—HISTORY AND CRITICISM

More about the "Warsaw Autumn" in 1959. E. Gorsheva, K. Sakva. Sov. muz. 24 no. 1:155-162 Ja '60.

MUSIC, UKRAINIAN

Some problems relating to the development of musical art in the Ukrainian S. S. R. V. D. Dovzhenko. Nar. tvorch. ta etn. 3 no. 2,24-33 Ap-Je '59.

MUSIC CALENDARS

[Musical calendar for the year 1960] Muzykal'nyi kalendar' na 1960 goda. [Moskva] Gos. muzykal'noe izd-vo, 1959. 230 p.

MUSIC LIBRARIES see subdivision under Moscow

MUSICAL CRITICISM

On the matter of a discussion in "Komsomol'skaia pravda. Sov. muz. 24 no. 1:151-154 Ja '60.

MUSICAL FORM

Sposobin, I. V. [Musical form; a textbook for a general course in analysis] Muzykal'naia forma, uchebnik obshchego kursa analiza. Izd. 2. Moskva, Gos. muzykal' noe izd-vo, 1958. 407 p.
(NN)

MUSICAL MOTION PICTURES see Motion pictures, Musical

MUSICIANS, KAZAKH

Kazakh musical figures in the works of A. V. Zataevich [In Kazakh with summary in Russian] B G. Erzakovich. Vest AN Kazakh. SSR 15 no. 11:21-30 N '59

MUSICIANS, WHITE RUSSIAN

The cymbalist. IA. Sadouski. Belarus' 16 no. 12:23 D '59.

MUSORGSKII, MODEST PETROVICH, 1839-1881

"Khovanshchina" as a movie. N. Tumanina. Sov. muz. 24 no. 1:96-101 Ja '60.

MUSSELS

Features of the contraction of the byssus muscle retractor in Mytilus [with summary in English]. Kh. S. Koshtoiants, B. A. Tashmukhamedov. Fiziol. zhur. SSSR 45 no. 7:826-829 Jl '59.

MUTUAL BENEFIT ASSOCIATIONS see subdivision under Gorkiy Province; Kizlyar; Zvenigorod

MUZAFAROV, AKHRAR MUZAFAROVICH, 1909-

Akhrar Muzafarovich Muzafarov; on his 50th birthday. Uzb. biol. zhur. no. 5:72-73 '59.

MYCOLOGICAL RESEARCH see subdivision [illegible]

MYCORHIZA

Anatomical structure of spruce root ends [illegible] of formation of the spruce mycorhiza [illegible] Kar i Kol'. fil. AN SSSR no. [illegible]

MYTHOLOGY, GREEK—STUDY AND TEACHING

Mythological heroes of Ancient Greece. [illegible] Prep. ist. v shkole 14 no. 6 [illegible]

MYTISHCHI DISTRICT—NEWSPAPERS AND [illegible] CIRCULATION

Where they don't have the support of [illegible] L. Svetlanova. Raspr. pech. no. 12:[illegible]

NAGORNO-KARABAKH AUTONOMOUS PROVINCE—ELECTION LAW

Azerbaijan. Laws, statutes, etc. [Statute [illegible] to province (Nagorno-Karabakh Autonomous [illegible] district, city, village and settlement [illegible] ers' deputies of the Azerbaijan S. S. R. [illegible] decree of the Presidium of the Supreme [illegible] Azerbaijan S. S. R., December 23, 1956. [illegible] ments introduced by decrees of the Presidium [illegible] Supreme Soviet of the Azerbaijan S. S. R. [illegible] 1956 and January 13, 1959] Polozhenie o [illegible] oblastnoi (Nagorno-Karabakhskoi avtonomnoi [illegible] raionnye, gorodskie, sel'skie i poselkovye [illegible] deputatov trudiashchikhsia Azerbaidzhan [illegible] Utverzhdeno Ukazom Prezidiuma Verkhovnogo [illegible] Azerbaidzhanskoi SSR ot 23 dekabria 1956 g. [illegible] niiami, vnesennymi Ukazami Prezidiuma [illegible] Soveta Azerbaidzhanskoi SSR ot 20 [illegible] 13 ianvaria 1959 g. Baku, Azerbaidzhan [illegible] 1959. 26 p.

NAKHICHEVAN A. S. S. R.—ALKALI LANDS

Salting of soils through local erosion in [illegible] A. S. S. R. [in Azerbaijani with summary [illegible] A K Zeinalov. Dokl. AN Azerb SSR 15 [illegible] 1160 '59.

NAKHICHEVAN A. S. S. R—ELECTION LAW

Nakhichevan A. S. S. R. Laws, statutes, etc. [illegible] of elections to district, city, village, [illegible] soviets of workers' deputies in the Nakhichevan A. S. S R. Approved by decree of the Presidium [illegible] Supreme Soviet of the Nakhichevan A. S. S. R. [illegible] 23, 1954. With amendments introduced [illegible] Presidium of the Supreme Soviet of the [illegible] A. S. S. R., January 23, 1959] Polozhenie [illegible] v raionnye, gorodskie, sel'skie i posel[illegible] deputatov trudiashchikhsia Nakhichevan[illegible] Utverzhdeno Ukazom Prezidiuma Verkhovnogo [illegible] Nakhichevanskoi ASSR ot 23 dekabria 1954 [illegible] izmeneniiami, vnesennymi Ukazom Prezidiuma [illegible] nogo Soveta Nakhichevanskoi ASSR ot 23 [illegible] Baku, Azerbaidzhanskoe gos. izd-vo, 1959. [illegible]

Nakhichevan', A. S. S. R. Laws, statutes, etc. [illegible] of elections to the Supreme Soviet of the Nakhichevan A. S. S. R. Adopted by decree of the Presidium [illegible] Supreme Soviet of the Nakhichevan A. S. S. R. [illegible] 13, 1950. With amendments introduced [illegible] the Presidium of the Supreme Soviet of the [illegible] A. S. S. R., January 23, 1959] Polozhenie o [illegible] v Verkhovnyi Sovet Nakhichevanskoi ASSR. [illegible] Ukazom Prezidiuma Verkhovnogo Soveta Nakhichevan[illegible] skoi ASSR 13 dekabria 1950 g. S izmeneniia[illegible] nymi Ukazom Prezidiuma Verkhovnogo Soveta Nakhiche[illegible] vanskoi ASSR ot 23 ianvaria 1959 g. Baku, Azerbai[illegible] dzhanskoe gos. izd-vo, 1959. 10 p.

NAMES, GEOGRAPHICAL

(see also subdivision under Canada)

On the methods of toponymic studies. [illegible] Vop. iaz. 8 no. 6:36-50 N-D '59

NAMES, GEOGRAPHICAL—CONGRESSES

The First All-Ukrainian Toponymic Conference [illegible] Murzaev. Izv. AN SSSR Ser geog [illegible] Mr-Ap '60.

NAPHTHALENE

Determination of the molecular weight of the [illegible] chloral hydrate - pyramidon in naphthalene [illegible] vent. E. F. Zhuravlev, A. D. Sheveleva, [illegible] Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 [illegible] '59.

A medicine obtained from the depths of the earth. A. Dorokhov. Moskva 3 no. 10,195-198 [illegible]

Preparation of rectified naphthalene from [illegible] naphthalene-containing raw material. M. [illegible] Koks i khim. no. 12:31-33 '59.

NAPHTHALENESELENINIC ACID

Gravimetric and titrimetric determination [illegible] means of ammonium salts of benzene [illegible] seleninic acids [with summary in English] [illegible] nikov, I. P. Alimarin. Zhur. anal. khim. 14 [illegible] 713 N-D '59.

NAPHTHALIC ACID

Oxidation of 4-nitroacenaphthene to nitronaphthalic [illegible] M. M. Dashevskii. Zhur. ob. khim. 30 [illegible] Ap '60.

NAPHTHENES

Individual aromatic and six-membered naphthene hydrocarbons of the Khodzhiabad gas condensate K. S. Nisarbaeva, G Kh Khodzhaev, E G Burova Uzb. khim zhur no. 6 65-73 '59.

NAPHTHENES—SPECTRA

Calculation and interpretation of vibration spectra of naphthenes L M Sverdlov, E P Krainov. Opt. i spektr 7 no 4:460-466 O '59

NAPHTHIONIC ACID

Photometric determination of naphthionic acid in commercial 1-naphthol-4-sulfonic acid [with summary in English]. E. S. Levin, E I. Burtseva Zhur. anal khim. 14 no. 6:732-734 N-D '59.

NAPHTHOL

Synthesis of benzonaphtone from β-naphthol. S. M. Shein. Zhur. prikl. khim. 32 no. 12:2824-2825 D '59.

NAPHTHOLSULFONIC ACID

Photometric determination of naphthionic acid in commercial 1-naphthol-4-sulfonic acid [with summary in English]. E. S. Levin, E. I Burtseva. Zhur. anal. khim 14 no. 6:732-734 N-D '59.

NAPHTHOQUINONE

Detection of aluminum ions with 5-hydroxy-1, 4-naphthoquinone [with summary in English] L. N. Aizenberg. Zhur. anal. khim. 14 no. 6:741-742 N-D '59.

NAPHTHYL PHENYL KETONE

Synthesis of benzonaphtone from β-naphthol. S. M. Shein. Zhur. prikl. khim. 32 no. 12:2824-2025 D '59.

NARODICHI DISTRICT—FLAX

Our requirements I G. Stetsiuk Len i konop. 4 no. 11 40-41 N '59

NASONOV, DMITRII NIKOLAEVICH, 1895-1957

Work and life of Dmitrii Nikolaevich Nasonov. A. S. Troshin. TSitologiia 1 no 6:601-604 N-D '59

NASOPHARYNX—FOREIGN BODIES

Foreign body in a child's nasopharynx. M. I. Sutin. Vop. okh. mat. i det. 4 no. 6:80-81 N-D '59.

NATIONAL CHARACTERISTICS
(see also subdivision under White Russia)

National characteristics of art and a feeling for the present. N. Shamota. Komm. Ukr. 35 no. 12:38-48 D '59.

NATIONAL PARKS AND RESERVES see subdivision under Ukraine

NATIONALITIES
(see also subdivision under Georgia; Kazakhstan)

Establishment of national states in the R.S.F.S.R. in 1918. O. I. Chistiakov. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 1:193-211 '59.

For a profound study of Lenin's theoretical legacy on problems of the East Probl. vostokoved. no. 2:3-14 '60.

New Leninist materials on the East ("Lenin collection," Vol. 36. Reviewed by N. A. Khalfin [with summary in English]. Probl. vostokoved. no. 2:156-160 '60.

V. I. Lenin on the basic laws of the development of nations. M. D. Kammari. Vop. filos. 14 no. 4:30-45 '60.

NATURAL GAS see Gas, Natural

NATURAL HISTORY—SOCIETIES, ETC see subdivision under Moscow

NATURAL HISTORY MUSEUMS see subdivision under Peiping

NATURAL RESOURCES
(see also subdivision under British Columbia; Danube River; Krasnoyarsk Territory; Ukraine, Western)

International Cooperation in the protection of nature. G. A. Aliev. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:147-149 '59.

NATURAL SELECTION

Natural selection as a general and nonspecific factor of evolutionary progress [with summary in English]. G. A. Shmidt. Izv. AN SSSR. Ser. biol. 24 no. 6:879-888 N-D '59.

NATURE, HEALING POWER OF

Beauty and health. V V. Efimov. Zdorov'e 6 no. 1:3-4 Ja '60.

NATURE STUDY
(see also subdivision under Kazakhstan)

Barkov, V. G. [On the forest path; a forester's notes] Na lesnoi trope; zapiski lesnichego. [Moskva] Mosk. rabochii, 1959. 142 p.

Broaden children's acquaintance with nature. A. F. Mazurina Doshk. vosp. 33 no. 1:98 Ja '60.

First lessons in nature study. A. M. Nizova, I. M. Vitrik. Nach. shkola 28 no. 1:54-58 Ja '60.

Kochetkov, N. I. [In a cabin in the woods] V lesnom domike. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1958. 93 p.

Love animals and take care of them M M. Skudina Doshk vosp. 33 no. 1 67-69 Ja '60.

Nature study classes in grade 4 on the subject "Useful minerals " P. Zavitaev. Nach. shkola 28 no. 1:92-93 Ja '60.

"Subterranean lake" by P. Makrushenko. Reviewed by G. Savchenko. Sem'ia i shkola 14 no. 12:39 D '59.

NAUEN, GERMANY—MILK PLANTS

Milk Combine in Nauen (from "Deutsche Milchwirtschaft," no. 4, 1959). V. Slavianov. Moloch. prom. no. 12:42 D '59.

NAUMOV, D.

How I became a technician. D. Naumov. Zhil.-kom. khoz. 9 no. 12:20 '59.

NAUMOV, NIKOLAI ALEKSANDROVICH, 1888-1959

In memory of Nikolai Aleksandrovich Naumov. M. K. Khokhriakov. Bot. zhur. 44 no. 12:1770-1778 D '59.

In memory of Nikolai Aleksandrovich Naumov; on the first anniversary of his death. M. V. Gorlenko. Nauch. dokl. vys. shkoly, biol. nauki no. 2:210-211 '60.

NAUTICAL ASTRONOMY

Rachkov, A. A. [Practical nautical astronomy] Prakticheskaia morekhodnaia astronomiia. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 125 p.

NAUTICAL INSTRUMENTS

Electric navigational devices. N. Shesterikov. Voen. znan 36 no 4:23-24 Ap '60.

NAVAL ARCHITECTURE—SPECIFICATIONS

Cutting down technical documentation. S. N. Avrashkov. Sudostroenie 25 no. 12:46-47 D '59.

NAVAL EDUCATION

New type of practical work in industry for students. I. I. Krakovskii, Rech. transp. 18 no. 11:42-43 N '59.

NAVAL MEDICINE see Medicine, Naval

NAVAL MUSEUMS see subdivision under Leningrad

NAVIES see also subdivision 'Navy' under Russia; United States

NAVIGATION (AERONAUTICS)

The navigator-instructor teaches. F. P. Timanov Vest. Vozd Fl. no. 12 46-48 D '59

Theory of errors of astronomical navigation in space. V. A. Dodner, V. P. Seleznev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2 73-82 Mr-Ap '60.

Ways of computing the drift angle Vest. Vozd. Fl no. 12:79-80 D '59

NEAR EAST—DESCRIPTION AND TRAVEL

("The ancient and the young" by Orest Vereiskii. Reviewed by G. Patynskaia) Vokrug sveta no. 1 62-63 Ja '60

NEBIT-DAG—PETROLEUM INDUSTRY—ACCIDENTS

Injuries among petroleum workers. A. P. Rusaev. Zdrav. Turk. 3 no. 5:17-24 S-O '59.

NEBULAE

Catalog of emission nebulae. V. F. Gaze, G. A. Shain. Izv. Krym. astrofiz. obser. 15:11-30 '55.

Determining distances to extragalactic nebulae by new stars. I. M. Kopylov. Izv. Krym. astrofiz. obser. 13:76-81 '55.

Determining electron temperatures of diffuse gaseous nebulae [with summary in English]. V. I. Pronyk. Izv. Krym. astrofiz. obser. 17:14-41 '57.

Determining photometric standards in areas of the Pulkovo Catalog of extragalactic nebulae [with summary in English]. N. M. Gol'dberg-Rogozinskaia. Izv. GAO 21 no. 3:94 '58.

Distribution of the infrared brightness in the central region of nebula M31. P. V. Shcheglov. Astron. tsir. no. 180:18-20 My '57.

Loop nebula in Cygnus. M. V. Dolidze. Astron. tsir. no. 203:8 Je '59.

Magnetic fields in interstellar space and diffuse nebulae. G. A. Shain. Izv. Krym. astrofiz. obser. 16:181-183 '56.

Nature of planetary nebulae. I. S. Shklovskii. Izv. Krym. astrofiz. obser. 16:187-188 '56.

Presence of dust and gas in diffuse nebulae. G. A. Shain, V. F. Gaze, S. B. Pikel'ner. Izv. Krym. astrofiz. obser. no. 12:64-87 '54.

Spectrophotometric investigation of the mechanism of excitation of filamentous nebulae. S. B. Pikel'ner. Izv. Krym. astrofiz. obser. no. 12:93-117 '54.

System of filamentous nebulae in Auriga (5^h33^m 28°). G. A. Shain. Izv. Krym. astrofiz. obser. 16:171 '56.

Unstability and disintegration of diffuse emission nebulae. G. A. Shain. Izv. Krym. astrofiz. obser. 15:3-10 '55.

NECK—CANCER

Complications in the surgical treatment of patients with regional metastases of cancer of the larynx [with summary in English]. M. G. Baradulina Vest otorin 21 no. 6:78-83 N-D '59.

NEDBAL, OSKAR, 1874-1930

"Monograph on Oskar Nedbal" [in Czech] by Miroslav Šulc Reviewed by Igor' Belza. Sov. muz 24 no. 1: 193 Ja '60.

NEDOGONOV, ALEKSEI IVANOVICH, 1914-1948

A book long overdue ("Aleksei Nedogonov" by Viktor Tel'pugov Reviewed by I Denisova) Moskva 3 no 9 201-202 '59

NEFTYANYE KAMNI REGION—OIL WELL DRILLING, SUBMARINE

Construction machinery for off-shore operations Znan sila 34 no 12 10-11 D '59

Discussions of books written by production workers G. Karasik. Neftianik 3 no. 8 31 Ag '58.

NEFTYANYE KAMNI REGION—PETROLEUM WORKERS

In the midst of sea and steel. Oleg Shestinskii. Neva no. 11:153-166 '59.

NEKRASOV, GEORGII ALEKSANDROVICH

Word of a poet ("Open heart" by Georgii Nekrasov. Reviewed by G. Lukashevich) Neva no. 10:211-212 '59

NELIDOVO—COAL MINES AND MINING

The sun that illuminated life. E. Glazov. Sov. profsoiuzy 16 no. 7:28-29 Ap '60.

NEMATODA
(see also subdivision under Tajikistan)

Comments on the classification of the Capillaria. V. G. Gagarin Trudy Inst zool i paraz. AN Kir. SSR no. 7: 123-131 '59.

Decyphering the life cycle of the nematode Parafilaria multipapillosa (Cond. et Drouil., 1878) parasitic in horses. M. P. Gnedina, A. N. Osipov. Dokl. AN SSSR 131 no. 5:1219-1221 Ap '60.

Nematode fauna of the grayling. A. A. Spasskii, V. A. Roitman Vop. ikht no. 12:177-186 '59.

Treatment of trichocephaliasis. T. N. Bereslavich. Med paraz. i paraz. bol 27 no 5.618 S-O '59.

NEMIROVICH-DANCHENKO, VASILII IVANOVICH, 1846-1936

Vl. I. Nemirovich-Danchenko and cinema art in the United States. N. Leont'evskii. Isk kino no 12 138-140 D '59.

NENETS NATIONAL AREA—DESCRIPTION AND TRAVEL

Sinitsyn, M. S. [Across the Nenets land; traveler's sketches] Po nenetskoi zemle, putevye ocherki. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 115 p.

NEODYMIUM

Complex compounds of trihydroxyglutaric acid with cerium, neodymium, and samarium. N. K. Davidenko, Zhur. neorg. khim. 4 no. 11:2469-2476 N '59.

NEON—SPECTRA

Spectrum analysis of argon-helium and argon-neon mixtures. L. L. Kotlik, L. S. Lomonosova. Zav. lab. 25 no. 12:1482 '59.

NEPENIN, NIKOLAI NIKOLAEVICH, 1883-

Professor Nikolai Nikolaevich Nepenin; on his 75th birthday and the 50th anniversary of his technical, scientific, and pedagogical activities. N. IA. Solechnik. Trudy LTA no. 87:3-4 '59.

NEPHELINE

Rapid method for determining gallium in nephelines. V. K. Kuznetsova, N. A. Tananaev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:840-842 '59.

NERCHINSK—ORE DEPOSITS

Feasibility of Nerchinsk deposit ore dressing in heavy suspensions. S. V. Bessonov, I. M. Kulikov. Izv. vys. ucheb. zav., tsvet. met. 2 no. 6:47-51 '59.

NERVES

Changes in neurons caused by ionizing radiation. A. D. Smirnov. Dokl. AN SSSR 131 no. 5:1171-1173 Ap '60.

Electron microscopic investigation of the ultrastructure of the myelin sheath of a peripheral frog nerve under different conditions of fixation V. L. Boroviagin. Dokl AN SSSR 132 no. 1:203-205 My '60.

Fuks, B. B. [Histochemistry and morphology of the normal and injured nerve; histochemical study of the mechanisms of nerve development] Gistokhimiia i morfologiia normal'nogo i povrezhdennogo nerva; opyt gistokhimicheskogo izucheniia mekhanizmov razvitiia nerva. [Novosibirsk] Izd-vo Sibirskogo otd-niia Akad. nauk SSSR, 1959. 197 p.

Physiological effect of phytoncides. M. B. Razumovich, V. N. Margolin. Nauch. dokl. vys. shkoly; biol. nauki no. 2:78-83 '60.

Spreading of excitation in the giant nerve fiber of a Pacific squid. A. A Lev and others. TSitologiia 1 no. 6: 665-671 N-D '59.

NERVES, CARDIAC

Structure and postembryonic development of neural ganglia in the mammalian heart [with summary in English] S P Semenov Vest LGU 15 no 9 85-100 '60

Synapses in cardiac ganglia of the cat during its postembryonic period of life. S P. Semenov. Nauch. dokl. vys. shkoly, biol. nauki no. 2:53-55 '60

NERVES, DENTAL

Changes in the nerve elements of the dental pulp of the upper jaw following radical surgery on the maxillary sinuses. A G. Shargorodskii. Stomatologiia 38 no 6,32-38 N-D '59.

NERVES, SPINAL

Effect of injuries of the spinal nerves on the development of mammary cancer in strain A mice [with summary in English]. L V Zaliubovs'kyi Fiziol zhur. [Ukr.] 5 no. 6:806-812 N-D '59

NERVOUS EXHAUSTION see Neurasthenia

NERVOUS SYSTEM

Afferent innervation of nerve structures [with summary in English]. A A. Milokhin Arkh anat gist i embr 37 no 10·40-45 O '59.

Allergy and the nervous system. A. D. Ado. Klin. med. 37 no 12 3-12 D '59

Biochemical characteristics of functionally different divisions of the nervous system A V. Palladin Ukr biokhim zhur 31 no 5 765-779 '59

Biopotentials of the heart following excitation and inhibition of the central nervous system, effect of bromine and caffeine. N. A. Al'ter, L A. Pastushok. Pratsi Od. un Zbir. stud. rob no. 5 (vol. 149) 177-181 '59.

Changes in the amount of phosphours compounds in various parts of the central nervous system in lateral amyotrophic sclerosis [with summary in French]. A. A. Mittel'shtedt, K. M Makarova. Zhur nerv i psikh. 59 no. 12·1444-1446 '59

Central regulation of discharges from the peripheral neuron of the auditory system [with summary in English]. G. V. Gershuni. Fiziol. zhur. SSSR 45 no. 7:772-777 Jl '59.

Interrelation between central nervous system function and adrenal cortex in patients with the hyperthyroid form of goiter M P Cheren'ko, A N. Liul'ka Vrach delo no 11 1169-1172 N '59.

Interrelation between some indexes of the mobility of the nerve processes [with summary in English]. A. N Vasil'ev Vop psikhol 5 no 6·89-101 N-D '59

Kogan, A. B. [Principles of the physiology of the higher nervous activity] Osnovy fiziologii vysshei nervnoi deiatel'nosti. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 542 p.

Neural factor in the stimulating effect of blood transfusion [with summary in English, p 57]. V A. Aladashvili. Probl. gemat i perel. krovi 4 no 12:37-39 D '59.

Problem of the "behavior pattern" and the nervous system type [with summary in English] P. P. Raspopov Vop psikhol 5 no. 6 62-72 N-D '59

Review of Max Clara's book "Human nervous system." S. M. Blinkov Vop neirokhir. 23 no. 6 59 N-D '59

Sixth Coordinating Conference on the Biochemistry of the Nervous System IA V Bielik Ukr biokhim zhur 31 no. 5 791-792 '59

NERVOUS SYSTEM—BIRDS

Conditioned motor food reflexes to chains of stimuli in birds Report No 2 Differentiation of three-membered chains of stimuli by birds [with summary in English]. N P Ovchinnikova Vest LGU 15 no 9 101-109 '60

Innervation of the esophagus in day-old chicks. M. F. Lebedeva. Nauch. dokl. vys. shkoly, biol. nauki no. 2: 49-52 '60.

NERVOUS SYSTEM—DISEASES

Averbukh, E. S., ed. [Nervous and mental disturbances in hypertension] Nervnye i psikhicheskie narusheniia pri gipertonicheskoi bolezni. [Leningrad] Medgiz, 1959. 351 p.
(DNLM)

Changes in the nervous system in eczema. G. K. Guseinov. Azerb. med. zhur. no. 11:59-62 N '59

"Contemporary problems in the treatment of nervous diseases", a collection of articles of the Department of Neuropathology of the Gorkiy Medical Institute. Reviewed by I. A. Zambrzhitskii. Zhur. nerv. i psikh. 59 no. 12;1512-1513 '59.

NERVOUS SYSTEM—SURGERY

Conference dedicated to the 83d anniversary of the birth of N. N. Burdenko. N. IA. Vasin Vop neirokhir 23 no 6;52 N-D '59.

Second United Conference of Young Neurosurgeons. I. Skliut, L. Gitkina. Zdrav. Belor. 5 no 12;64-65 D '59.

NERVOUS SYSTEM—TUBERCULOSIS

Two cases of solitary tubercle of the central nervous system. Z. P Khodzaev, M. K Maksunova Zdrav Tadzh. 6 no. 6;38-40 '59

NERVOUS SYSTEM, AUTONOMIC

Certain peculiar nerve cells and terminations in peripheral vegetative ganglia in man. S. V. Zubriakov. Dokl. AN SSSR 132 no. 2;456-459 My '60.

Receptory function of vegetative ganglia [with summary in English] I. A. Bulygin, L. I. Belorybkina. Fiziol. zhur. 45 no. 12;1413-1421 D '59.

NERVOUS SYSTEM, AUTONOMIC—DISEASES

Disease of the vegetative nervous system in leucoses. T K. Kadyrova. Azerb. med. zhur. no. 12 10-14 D '59

Rusetskii, I. I. [Vegetative nerve disorders] Vegetativnye nervnye narusheniia. Moskva, Gos. izd-vo med. lit-ry, 1958. 351 p.
(DNLM)

NERVOUS SYSTEM, SYMPATHETIC

Contribution to a study of the effect of the nervous system on hypoxic erythrocytosis [with summary in English]. Z. I. Barbashova and others. Fiziol zhur. SSSR 45 no. 7: 856-864 Jl '59.

Data on the physiology of the reticular formation from the viewpoint of the theory on the trophic adaptative role of the nervous system [with summary in English]. A. I. Karamian. Fiziol. zhur. SSSR 45 no. 7·778-788 Jl '50.

Role of the spinal ganglia in the sensory innervation of the internal organs [with summary in English]. N. K. Landsman Arkh anat gist. i embr. 37 no 10:20-40 O '59.

NERVOUS SYSTEM, SYMPATHETIC—DISEASES

Problem of the differential diagnosis of sympathetic truncitis and syringomyelia [with summary in French]. N. I. Strelkova. Zhur. nerv. i psikh. 59 no. 12;1451-1454 '59.

NESTEROV (LVOV PROVINCE)—FIRE DEPARTMENTS

Excellent city fire department. M. Tkachuk. Pozh. delo. 5 no. 12:19-20 D '59.

NESVIZH—BOARDING SCHOOLS

How we organize the physical education classes. V. Suhak. Sav. shkola no. 6:31-34 N-D '59.

NESVIZH—HISTORY

Kosach, A. K., and B. A. Khats'ko. [Nesvizh; brief sketch of the city and sanatorium] Nesvizh; kratkii ocherk o gorode i sanatorii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 43 p.

NESVIZH—SANATORIUMS

Kosach, A. K., and B. A. Khats'ko. [Nesvizh; brief sketch of the city and sanatorium] Nesvizh, kratkii ocherk o gorode i sanatorii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 43 p.

NETWORKS, ELECTRIC see Electric networks

NEURALGIA, FACIAL

Treatment of essential neuralgia of the glossopharyngeal nerve by bulbospinal tractotomy [with summary in English, p. 60]. Z. Kunc Vop. neirokhir. 23 no. 6;7-12 N-D '59.

NEURASTHENIA

Likhterman, B. V., and B. F. Zimovskii. [Treatment of neurasthenia in sanatoriums] Lechenie bol'nykh nevrasteniei v sanatornykh usloviiakh. Moskva, Gos. izd-vo med. lit-ry, 1958. 103 p. (Biblioteka prakticheskogo vracha)
(DNLM)

NEUROFIBROMATOSIS

Microphthalmia in Recklinghausen's disease. K. P. Moskovchenko. Oft zhur. 14 no. 8;499-501 '59.

NEUROSES

Inversion of unconditioned leucocytic reactions in experimental neurosis in intact and decerebrated rabbits [with summary in English]. P. V. Simonov. Fiziol. zhur. 45 no. 12;1438-1445 D '59.

Prevention of children's neuroses. S. Fainberg. Sem'ia i shkola 13 no. 3·15-17 Mr '58.

NEUROSURGICAL SOCIETIES see subdivision under Kharkov, Leningrad

NEUTRONS

Effect of neutron bombardment on the magnetization curve of silicon-containing single crystals of iron. V. V. Kliushin. Dokl. AN SSSR 132 no. 1·102-103 My '60.

The fission of neutrons. Znan. ta pratsia no. 12;29 D '59.

Mean number of prompt neutrons emitted in the photofission of Th^{232} and U^{238} by γ-rays from the reaction F^{19} (p, $\alpha\gamma$)O^{16} L. I. Prokhorova, G. N Smirenkin Atom energ 8 no 5 457-459 My '60

Pressures in solids under neutron bombardment. IU. I. Remnev. Izv. vys. ucheb. zav., fiz. no. 5:81-85 '59.

Reactor source of neutrons. Atom energ. 8 no 5 472-473 My '60

NEUTRONS—DIFFRACTION

Preparation of crystal monochromators from lead for neutron structural investigation. D F. Litvin. Kristallografiia 4 no. 5;663-667 S-O '59.

NEUTRONS—PHYSIOLOGICAL EFFECT

Shal'nov, M. I. [Neutron tissue dose] Tkanevaia doza neitronov. Pod red. B. M. Isaeva. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 217 p.

NEUTRONS—SCATTERING

Effect of the fluctuation of correlation parameters on the scattering of X rays and thermal neutrons by solid solutions. M. A. Krivoglaz. Fiz. met. i metalloved. 8 no. 5;640-666 N '59.

NEW YEAR

How to decorate a New Year's tree in the kindergarten; how to make New Year's toys from cotton [illegible] Doshk. vykh. 20 no. 12;38-39 D '59

NEW YORK (CITY)—ART—EXHIBITIONS

At the Soviet exhibition in New York. Iskusstvo [illegible] no. 8;80 '59.

NEW YORK (CITY)—EXHIBITIONS

Interest of Americans in the Soviet system of [illegible] B. Omel'ianenko. Prof.-tekh. obr. 16 no. 12 [illegible] D '59.

NEW ZEALAND—FOREIGN RELATIONS—RUSSIA

Concerning relations between Soviet Russia and New Zealand. I. Efimov. Mezhdunar. zhizn' 7 no. 5 [illegible] My '60.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Akmolinsk Province; Artemovsk District; Gomel'; Kirovograd Province; Krasnoyarsk Territory; Leningrad, Moscow region; Mytishchi District; Odessa; Ryazan Province; Smolevich District; Vologda Province)

Before the start of the sowing work D [illegible] Raspr pech no 4 14 Ap '59.

Greater precision is required G Braverman [illegible] pech no 4 22-23 Ap '59

Improve the quality of order processing K [illegible] Raspr. pech no 4 16-17 Ap '59

It is a great honor to bear the printed word of the party to the masses. Raspr. pech. no. 12·1-2 D '59.

New accounting instructions in operation P [illegible] Raspr pech. no 4·22 Ap '59

Order or formal answer? I. Vinnikov. Raspr. pech. [illegible] 11-12 D '59.

Pay daily attention to the retail trade. S Volodin Raspr pech no 4 18-19 Ap '59.

Planning indexes of newsstand work. [illegible] Raspr. pech. no. 12:13-14 D '59.

Processing orders at a machine-accounting office [illegible] nik, V. Men'shikov Raspr. pech no 4 [illegible] Ap '59

Program of our work. V. Zozulin. Raspr. pech. [illegible] 3-4 D '59.

Promote new publications better. A Bazylev Raspr pech. no 4 8-9 Ap '59

Speed up mechanization of order processing Raspr pech no. 4 1-2 Ap '59

Take literature on communications to the masses [illegible] sil'ev Raspr pech no. 4 9-11 Ap '59

This is how it was before the Revolution E [illegible] Raspr pech no 4 11-12 Ap '59

What was lacking in the training courses. A. [illegible] Raspr. pech. no. 12;21 D '59.

NEWSPAPERS see subdivision under Ukraine

NEWSREELS

A newsreel which is seen by the whole world [illegible] kino no. 12;130 D '59

NEZHIN—TECHNICAL EDUCATION

Effective measure. F. Kaganor. Prof.-tekh. obr. 15 no. 12:20 D '59.

NI, CHIH-FU

In the name of a glorious innovator Sun Shin [illegible] Druzhba no. 52 12-13 D '59

NIACIN see Nicotinic acid

NICKEL

Determining chromium in metallic nickel by the extraction of the diphenylcarbazide complex. A. K. [illegible] T. E. Get'man. Zav. lab. 25 no. 12;1429-1430 [illegible]

Equivalent effect of temperature and velocity of deformation on copper and nickel flow curves. V. F. [illegible] Izv. vys. ucheb. zav., fiz. no. 5;164-171 '59.

Obtaining nickel and cobalt carbonyls from alloys with aluminum. IA. IU. Aliev and others. Dokl. AN [illegible] no. 11,36-39 '59.

Solution of nickel in nitric acid. I. I. Kalinichinko and others. Zhur. neorg. khim. 4 no. 11:2443-2448 [illegible]

NICKEL—ANALYSIS

Analysis of a nickel electrolyte by means of static ion-exchange chromatography. A. I. Lazarev, V. I. [illegible] Zav. lab. no. 11;1301 '59.

Brief reports. Zav. lab. no. 11:1318 '59.

Trilonometric determination of nickel and magnesium in electrolytes for nickel plating. I M. IUrist, P G [illegible] khova. Zav. lab. no. 11:1298-1299 '59.

NICKEL—METALLOGRAPHY

Changes in mosaic block dimensions during the annealing of cold-rolled nickel IU M Kuz'min, I N Kovikov, I L Rogel'berg Izv vys ucheb zav , chern met no 3:96-99 '60

NICKEL—METALLURGY

Economic effectiveness of air preheating in shaft furnace smelting of oxidized nickel ores. I.D. Reznik, I S. Gushchina, A.I. Evdokimenko. TSvet. met. 32 no. 11: 31-32 N '59.

Reduction of nickelous and cobaltous oxides by graphite. M.G. Zhuravleva, G.I. Chufarov. Trudy Inst. met. UFAN SSSR no. 3:63-66 '59.

NICKEL ALLOYS—CORROSION

Effect of certain elements on the scale resistance of nickel A.S. Tumarev, L A Paniushin Izv vys. ucheb zav., chern met. 2 no 8:117-121 Ag '59.

NICKEL ALLOYS—METALLOGRAPHY

Properties of multicomponent nickel solid solutions. I.I. Kornilov, L I. Priakhina, L.A. Riabtsev. Izv. AN SSSR. Otd. tekh nauk. Met i topl. no. 2 110-114 Mr-Ap '60.

Role of undercooling in the formation of spheroidal graphite A.A Gorshkov, R.A. Sidorenko Izv. vys ucheb zav , chern met no 4 153-158 '60.

NICKEL-ALUMINUM-CHROMIUM ALLOYS—TESTING

Resistance to scaling in nickel-aluminum-chromium, ternary system, alloys. A.S. Tumarev, L.A. Paniushin. Izv. vys. ucheb. zav., chern. met. 2 no. 9 125-131 S '59.

NICKEL-ALUMINUM-MOLYBDENUM ALLOYS

Form of the structural diagrams of Ni-NiAl-Mo alloys. IU. A. Bagariatskii, L. E. Ivanovskaia. Dokl. AN SSSR 132 no. 3:339-342 My '60.

NICKEL CARBONATE

Automatic regulation of the precipitation of basic nickel carbonate according to the pH of the medium in the system $Ni(NO_3)_2$ - Na_2CO_3 -H_2O. I.M. Vasserman, E.A. Fomina, Kh. Z. Bialnina. Zhur. prikl. khim. 32 no. 12:2619-2624 D '59.

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL-CHROMIUM ALLOYS—ELECTRIC PROPERTIES

K-state in nickel-chromium alloys. A. V. Progrushchenko, G E. Chetverkina Izv. vys. ucheb zav. ; chern. met no 3:106-109 '60

NICKEL-CHROMIUM ALLOYS—SPECTRA

Anomalies in the thermal factor of X-ray scattering by Ni-Cr, Cu-Zn, and Ni-V alloys. A.S. Kagan, IA.S. Umanskii. Dokl. AN SSSR 132 no. 2:326-328 My '60.

Initial stages in the formation of diffusion porosity in L62 and N80Kh20 alloys, as investigated by the method of small-angle X-ray scattering V.L Kalikhman, IA.S. Umanskii. Dokl AN SSSR 132 no 1 108-109 My '60.

NICKEL COMPOUNDS

Formation and stability of colloidal nickel compounds in electrolytes of electrolytic solutions. A.L. Rotinian, E.S. Kozich. Zhur. prikl. khim. 32 no. 12:2678-2681 D '59.

NICKEL COMPOUNDS—SPECTRA

Spectrophotometric study of nickel and cobalt pyridinates in various solvents. A.V. Ablov, L.V. Nazarova. Zhur. neorg. khim. 4 no. 11:2480-2481 N '59.

X-ray structure study of crystals of dinitrotetrammine nickel M.A. Poral-Koshits, L.M. Dikareva. Kristallografiia 4 no. 5:650-657 S-O '59.

NICKEL-GOLD ALLOYS

Decomposition of solid solutions in the system nickel-gold. Part 2. V V. Sanadze, G.V. Gulinev. Kristallografiia 4 no. 5:687-694 S-O '59.

NICKEL HYDROXIDE

Properties and structure of NiO - Al_2O_3 catalysts. Report No. 4: X-ray and magnetochemical studies of spinel formation from coprecipitated nickel and aluminum hydroxides. V.M. Akimov and others. Izv. AN SSSR Otd. khim. nauk no. 4.624-628 Ap '60.

NICKEL IN THE BODY

Cobalt and nickel concentration in the colostrum, transitional and ripe human milk during individual months of lactation O.G. Kopytkova Vestsi AN BSSR Ser. biial nav no 4 142-144 '59.

NICKEL ORES

Dressing of oxidized nickel ores. G.A. Khan, A.I. Zarakhani. TSvet. met. 32 no. 11:18-25 N '59.

NICKEL ORES—METALLURGY

Chemism of sulfidizing in shaft furnace smelting of oxidized nickel ores. A V Vaniukov, I. Montil'o. Izv vys. ucheb. zav., tsvet. met. 2 no. 6:66-75 '59.

NICKEL OXIDE

Catalytic activity of solid solutions of nickelous oxide and zinc oxide. N.P. Keier. Izv. AN SSSR Otd. khim. nauk. no. 3:389-397 '60.

Catalytic polymerization of olefins. Report No. 7: Polymerization of ethylene over a nickelous oxide - aluminosilicate catalyst IA T. Eidus and others Izv AN SSSR Otd. khim nauk no. 4.703-708 Ap '60.

NICKEL OXIDE—MAGNETIC PROPERTIES

Catalytic and magnetic properties of NiO - MgO. A.A. Slinkin, V.I. IAkerson, A.M. Rubinshtein. Izv. AN SSSR Otd. khim. nauk, no. 3:435-441 '60.

NICKEL PLATING

Trilonometric determination of nickel and magnesium in electrolytes for nickel plating I M. IUrist, P G Shakhova. Zav lab no. 11:1298-1299 '59

NICKEL-VANADIUM ALLOYS—SPECTRA

Anomalies in the thermal factor of X-ray scattering by Ni-Cr, Cu-Zn, and Ni-V alloys. A.S. Kagan, IA.S. Umanskii. Dokl. AN SSSR 132 no 2. 326-328 My '60.

NICOTINIC ACID

Iodometric determination of phthivazid. M.T. TSupikov. Apt. delo 8 no. 6:55-56 N-D '59.

Nicotinic acid as a spermatocidal component of a chemical contraceptive D I. Genin. Akush. i gin. 35 no. 6 28-30 N-D '59.

Obtaining nicotinic acid from the γ-picolinic fraction. P A. Gangrskii, IU I. Chumakov Med prom. 13 no 12:16-18 D '59

NIGERIA—ELECTIONS

General elections in Nigeria [with English summary in insert]. O Orestov. Sovr. Vost. no 4:49-51 Ap '60.

NIGHT WORK—HYGIENIC ASPECTS

On the night shift. S.A. Kosilov, L.M. Solov'eva. Zdorov'e 5 no. 12:21-22 D '59.

NIGHTSHADE

Black nightshade and its utilization. V.N. Rzhavitin. Trudy Bot. inst. Ser. 6 no 7:147-148 '59.

Vegetative propagation of the nightshade Solanum aviculare Forst. I.I. Gerasimenko, P.N. Kibal'chich Bot zhur 44 no 10 1494-1495 O '59

NIKITIN, SERGEI KONSTANTINOVICH, 1926-

The sources of wealth. M. Sinel'nikov. Moskva 3 no. 11: 210-214 '59

NIKOLADZE, IAKOV IVANOVICH, 1876-1951

Urushadze, I.A. IAkov Nikoladze. Tbilisi, Zaria Vostoka. 1958. 87 p.
(CLU)

NIKOLAYEV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Set an example for the others. D. Fedotov. Agitator no 23:54 D '59

NIKOLAYEV—TECHNOLOGICAL INNOVATIONS

City technical conference N. Vasilevskii. NTO no 11 61 N '59

NIKOLAYEVSK PROVINCE—PRECAST CONCRETE CONSTRUCTION

We are introducing reinforced concrete construction elements and details. M Rychkov. Sil'. bud. 9 no. 11 12-13 N '59.

NIKOLO-BEREZOVKA (BASHKIRIA)—OIL FIELDS

New oil field. Izv. vys. ucheb. zav , neft' i gaz 2 no. 11 16 '59.

NIKOPOL' REGION (UKRAINE)—MANGANESE ORES

Similarities and dissimilarities of the Nikopol' and the Chiatura manganese deposits. V.A. Perederiev. Izv. vys. ucheb. zav. ; geol. i razv. 2 no. 8:116-122 Ag '59

NIOBIUM

Heat treatment of niobium-alloyed steel. M.P. Braun, B B. Vinokur, V.A. Kamalov. Izv. vys. ucheb. zav. ; chern. met. no 3:140-147 '60.

Polarographic study of titanium and niobium in pyrophosphoric acid solutions [with summary in English]. D I. Kurbatov. Zhur. anal. khim. 14 no. 6:743-744 N-D '59.

Separation of tantalum and niobium by liquid extraction. V.D. Ponomarev, G.P. Giganov. Izv. AN Kazakh. SSR. Ser. met, obog. i ogneup. no. 1:3-15 '59.

NIOBIUM—ANALYSIS

Separation of niobium and tantalum by the liquid extraction method [with summary in English]. D.I. Riabchikov, M.P. Volynets. Zhur. anal. khim. 14 no. 6:700-704 N-D '59.

Spectrochemical determination of niobium in rocks [with summary in English]. N.I. Tarasevich, K.A. Semenenko. Zhur. anal. khim. 14 no. 6:705-709 N-D '59.

NIOBIUM—THERMAL PROPERTIES

Heat content and capacity of niobium oxides and carbides at high temperatures. P.V. Gel'd, F.G. Kusenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:79-86 Mr-Ap '60.

NIOBIUM COMPOUNDS—MAGNETIC PROPERTIES

Magnetic properties of the salt $K_8[Nb_6O_3(SO_4)_{12}]$. 21-H_2O. E.I. Krylov, N.N. Kalugina. Zhur. neorg. khim. 4 no. 11:2476-2479 N '59.

NIOBIUM OXIDE

Mass-spectrometric study of the sublimation of some vanadium and niobium oxides. S.A. Shchukarev, G.A. Semenov, K.E. Frantseva. Zhur. neorg. khim. 4 no. 11: 2618 N '59.

NIOBIUM SULFATE

Salting out a double sulfate of niobium and ammonium sulfate from sulfuric acid solutions in the presence of tantalum and titanium. IA.G. Goroshchenko, M I Andreeva, A G. Babkin. Zhur. prikl khim. 32 no 8: 1664-1670 Ag '59

NIOBIUM-TANTALUM ALLOYS see Tantalum-niobium alloys

NITRATES

Action of the nitrate - nitrite fused mixture and its components on molybdenum, tungsten, zirconium, tantalum, and niobium. E.I. Gurovich, G.P. Shtokman. Zhur. prikl khim. 32 no. 12:2673-2677 D '59.

Equilibrium in fused sodium and potassium nitrates and nitrites. G.D. Sirotkin. Zhur. neorg. khim. 4 no. 11: 2558-2563 N '59.

Investigating the process of parkerizing steel in the presence of trivalent metal nitrates and nitric acid. I.I. Khain. Zhur prikl. khim. 32 no. 12:2662-2667 D '59.

NITRATION

Kinetic parameters of the nitration of boron [with summary in English]. V.M. Slieptsov, H.V. Samsonov. Dop. AN URSR no. 10:1116-1119 '59.

Nitration of ethyl benzene by the continuous method. O.S. Vladyrchik and others. Zhur. prikl. khim. 32 no. 12: 2744-2749 D '59.

Nitration of parahydroxydiphenyldimethylmethane in the presence of urea. A.V. Topchiev, N.N Kaptsov, L.N. Zalesskaia. Dokl. AN SSSR 132 no. 2.371-373 My '60.

NITRIC ACID

Decomposition of Karatau phosphorites by nitric acid containing ammonium sulfate. S.A. Sigov, IU.I. Ibragimov. Izv. khim. zhur. no. 6.12-16 '59.

Interaction between nitric acid and tributyl phosphate. Z.A. Sheka, E.E. Kriss. Zhur. georg. khim. 4 no. 11: 2505-2510 N '59.

Reactions of nitric acid with formaldehyde, rongalite, and hydrosulfite. A.K. Shtol'ts. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 2 no. 6:852-857 '59.

Refractometric and viscosimetric study of the system nitric acid - sulfuric acid - sulfuric anhydride. V.A. Usol'tseva. Izv. vys. ucheb. zav. ; khim. i khim. tekh. 2 no. 6:871-875 '59.

Solution of nickel in nitric acid. I.I. Kalinichenko and others. Zhur. neorg. khim. 4 no. 11 2443-2446 N '59.

Some design equations for manufacturing strong nitric acid by direct synthesis. S.I. Kargin. Khim. prom. no. 6:503-507 S '59.

Temperature dependence of the viscosity of nitric acid. G.L. Antipenko, E.S. Beletskaia. Zhur. prikl. khim. 32 no. 8:1723-1729 Ag '59

NITRIFICATION

Effect of certain environmental factors on NH_4^+ oxidation by nitrite bacteria. Report No. 2: Effect of temperature [with summary in English]. A.B. Lozinov, V.A. Ermachenko. Mikrobiologiia 28 no. 6:835-837 N-D '59.

NITRILES

Hydrolysis and alcoholysis of α-fluorinated nitriles. A.IA. IAkubovich and others. Khim. nauka i prom 4 no 5:679-680 '59

Investigating the properties of reinforced nitrile rubbers. Report No. 1: Properties of silicate-reinforced nitrile rubbers. V.A. Shvetsov, A.P. Pisarenko, A.S. Novikov. Kauch. i rez. 18 no. 12:4-8 D '59.

Mechanism of the reaction between nitriles, carboxylic acids, and hydrogen chloride at a low temperature. E.N. Zil'berman. Zhur. ob. khim. 30 no. 4:1277-1281 Ap '60.

NITRITES

Action of the nitrate - nitrite fused mixture and its components on molybdenum, tungsten, zirconium, tantalum, and niobium. E.I. Gurovich, G.P. Shtokman. Zhur. prikl. khim. 32 no. 12:2673-2677 D '59.

Equilibrium in fused sodium and potassium nitrates and nitrites. G.D. Sirotkin. Zhur. neorg. khim. 4 no. 11: 2558-2563 N '59.

NITRO COMPOUNDS

Synthesis of mercury organic nitro compounds. Report No. 2: Mercuration of aliphatic compounds containing a labile hydrogen atom by a mercury salt of trinitromethane. S.S. Novikov, T.I. Godovikova, V.A. Tartakovskii. Izv. AN SSSR Otd. khim. nauk no. 4:669-672 Ap '60.

Synthesis of nitroacetophenones by the oxidation of nitroethylbenzenes. P.M. Kochergin and others. Zhur. prikl. khim. 32 no. 8:1806-1811 Ag '59.

Synthesis of organomercuric nitro compounds. Report No. 1: Mercuration of aromatic and heterocyclic compounds. S.S. Novikov, T.I. Godovikova, V.A. Tartakovskii. Izv. AN SSSR Otd. khim. nauk. no. 3:505-512 '60.

Synthesis of unsaturated nitro compounds using triphenylphosphine. Report No. 1: Reaction of carbomethoxymethylenetriphenylphosphine with aromatic nitroaldehydes. S.S. Novikov, G.A. Shvekhgeimer. Izv. AN SSSR Otd. khim. nauk no. 4.673-677 Ap '60.

Use of ethylenediamine for the synthesis of unsaturated nitro compounds of the aromatic series. O.M. Lerner. Zhur. prikl. khim. 31 no. 4:663-664 Ap '58.

NITROBACTERIA see Bacteria, Nitrifying

NITROGEN

Change in the distribution of amino nitrogen between plasma and the formed elements of arterial and venous blood in isohemotransfusion N A Rzaev Azerb med zhur no 11 14-19 N '59

Comparative evaluation of sources of organic and mineral nitrogen in irrigation farming. G. Meerson Khlopkovodstvo 9 no. 12,35-38 D '59.

Comparative physiological evaluation of sensitivity to the effects of high nitrogen tension in several homothermic animals [with summary in English]. Chang Ch'un Fiziol. zhur SSSR 45 no 7·872-875 Jl '59.

Effect of the source of nitrogen nutrition on the structure and development of the producer of chlortetracycline (Actinomyces aureofaciens) L N Kats, A A Prokof'eva-Bel'govskaia TSitologiia 1 no 6·707-713 N-D '59.

Nitrogen in high manganese steels L. I. Levi, A. A Zhukov Lit proizv no 12 24-27 D '59

Using the total chemical analysis of leaves to determine the nitrogen and phosphorus requirement of spring wheat during the florescence period [with summary in English]. N. K. Boldyrev. Pochvovedenie no. 11:101-114 N '59.

Utilization of biological nitrogen and the nitrogen from mineral fertilizers on cultivated pastures I M Tonkunas Ud 1 ur 4 no 12 27-31 D '59

NITROGEN—ANALYSIS

Micromethods of the quantitative determination of carbon, hydrogen and nitrogen in organic matters in reduced size tubes under vacuum P. N. Fedoseev, T. E. Chernysheva. Izv vys. ucheb. zav., khim. i khim. tekh. 2 no 6: 899-903 '59.

NITROGEN—SPECTRA

Possible estimate of the temperature of hot stars from the nature of their N III emission spectrum A A Nikitin Dokl AN SSSR 132 no 1 89-90 My '60.

NITROGEN INDUSTRIES—SAFETY MEASURES

Electric lighting in plants of the nitrogen industry and of organic synthesis products I I. Rakovich Prom energ 15 no 1 44-48 Ja '60

NITROGEN METABOLISM

Changes in the nitrogen content of blood and urine in calves caused by protein loads V. I. Patrushev, IU. A. Paryshkin. Nauch dokl. vys. shkoly, biol. nauki no. 2. 84-86 '60.

Digestibility of nutritive substances and nitrogen metabolism in swine raised on different rations. S. N. Khokhrin. Izv. Otd. est. nauk AN Tadzh. SSR no. 2,69-78 '59.

NITROGEN MUSTARDS

Severe case of lymphographylomatosis successfully treated with dopan [with summary in English, p. 57] E V. Poslavskii, I M Lekalkov Probl. gemat i perel krovi 4 no. 12·45-46 D '59.

NITROGEN OXIDE

Absorption of nitrogen oxides by soda solutions in a gas-lift unit. M L. Varlamov, IA. I. Starosel'skii Zhur. prikl. khim. 32 no. 8:1716-1723 Ag '59.

Homogeneous catalysis in the gas phase oxidation of hydrocarbons. Report No. 1· Nature of two maxima of heat emission. N. S. Enikolopian, G. P. Konareva. Izv. AN SSSR Otd. khim. nauk. no. 3:419-426 '60.

NITROGLYCERIN

Thermal explosion and isothermal decomposition of explosives Part I [with summary in English]. A. I Serbinov Zhur fiz khim 33 no. 12·2641-2648 D '59.

NITROLIGNIN

Using nitrolignin for thinning clay muds. N. A. Mariampol'skii, E. P Katenev, L I. Makarova. Neftianik 4 no. 12; 8-9 D '59

NITROSOMONAS

Effect of certain environmental factors on NH_4^+ oxidation by nitrite bacteria. Report No. 2: Effect of temperature [with summary in English] A. B. Lozinov, V. A. Ermachenko. Mikrobiologiia 28 no. 6:835-837 N-D '59.

NITROSYL FLUORIDE

Reactions between fluoroolefins and nitrosyl fluoride I L. Knuniants and others. Dokl. AN SSSR 132 no 1; 123-126 My '60.

NITROSYLSULFURIC ACID

Expressing the concentration of sulfuric acid in nitrose. M. L. Varlamov, E. L. Krichevskaia. Izv. vys. ucheb. zav.; khim. i khim. tekh 2 no. 6:904-908 '59.

Pressure of water vapors over nitroses. V. I. Gladushko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:909-912 '59

NIXON, RICHARD MILHOUS, 1913-

Mr. Nixon and his ideals ("Richard Nixon" by Earl Mazo, "The facts about Nixon An unauthorized biography" [both in English] by William Costello Reviewed by A Leonidov) Nov vrem 18 no 20 26-29 My '60

NIZAMI, GANJAWI, 1141?-1203?

Hertzen's acquaintance with the works of Nizami [in Azerbaijani with summary in Russian]. D. Mustafaev. Dokl. AN Azerb. SSR 15 no 11.1077-1080 '59.

NIZHNEGORSKIY DISTRICT—FRUIT CULTURE

Fruit production is increasing. V. D. Nikogda. Sad i og 97 no. 11;36-39 N '59.

NIZHNIY LOMOV DISTRICT—RETAIL TRADE

This will improve our work. N. Maslov. Sov potreb. koop. 4 no 1·12-13 '60

NIZHNIY-TAGIL'—ELECTRIC POWER DISTRIBUTION

We are improving the electric power system of the city of Nizhniy-Tagil. IU Palengof Zhil.-kom. khoz. 9 no 12;15-16 '59.

NIZHNIY TAGIL'—MINING ENGINEERING—STUDY AND TEACHING

The 250th anniversary of the Nizhniy Tagil' Mining School Sred spets obr 6 no 12 50-51 D '59

NIZHNIY TAGIL'—RESTAURANTS, LUNCHROOMS, ETC

Perfect the first time. A. Markushevich. Obshchestv. pit. no. 10:7-8 O '59

"We feed entire families," says the manager of a public eating establishment. Obshchestv. pit. no. 10,6-7 O '59.

NOGAYSK—MOLE RAT, FOSSIL

New species of mole rat from upper Pliocene sediments of the southern Ukraine [with summary in English] V. O. Topachevs'kyi. Dop. AN URSR no. 11·1262-1266 '59.

NOISE see subdivision under Moscow

NOISE—PHYSIOLOGICAL EFFECT

Effect of noise on vocal and motor functions in singers [with summary in English] V P. Morozov, A M Razvarin Vest LGU 15 no 9 137-142 '60

NOMADS

Communal ownership of cattle among nomadic cattle breeders [with summary in English]. A. I. Pershits. Sov. etn. no. 6,37-42 N-D '59.

NOMOGRAPHY (MATHEMATICS)

Pentkovskii, M. V. [Calculating diagrams (nomograms)] Schitaiushchie chertezhi, nomogrammy. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 150 p.

Use of nomograms in determining the true values of angles by their projections. F K. Rad'kov. Trudy MIIGAIK no. 36·93-108 '59.

NONFERROUS ALLOYS—METALLOGRAPHY

Thermal treatment of liquid metals and its effect on the mechanical properties of castings A G Spasskii, B A. Fomin, S A Aleinikov Izv vys ucheb. zav., tsvet. met. 2 no 6·162-165 '59

NONFERROUS INGOTS

Shape and size change of nonferrous metal ingots. K. Vasil'ev, V. M. Bogdanov. TSvet. met. 32 no. 11.51-55 N '59.

NONFERROUS METALS

(see also subdivision under Kazakhstan)

Dispersed composition of dusts in complex ore mining. M V Levitskii and others. Izv vys ucheb. zav.; tsvet. met. 2 no. 6·26-34 '59

Nonferrous metals are a source of our wealth, facts and figures. Agitator no 1;50-54 Ja '60

Russia (1923- U. S. S. R.) Ministerstvo ugol'noi promyshlennosti. [Handbook with nomenclature and prices for materials and equipment used in the coal industry] Nomenklaturnyi spravochnik i tseny na materialy i oborudovanie, primeniaemye v ugol'noi promyshlennosti. Moskva
Group 2. [Nonferrous metals] TSvetnye metally. 1959. 275 p.
[MICROFILM]

Spectrum analysis of slags from nonferrous metals. N. L. Fishkova, M. M. Reina. Zav. lab. 25 no. 12: 1459-1461 '59.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—ELECTROMETALLURGY

Calculating the diameter of self-baking electrodes for matte smelting resistance-charge furnaces. M. I. Zakharov. TSvet. met. 32 no. 11:33-37 N '59.

NONFERROUS METALS—METALLURGY

Cementation of arsenic, antimony and copper from alkaline solutions by zinc. E. L. Shalavina, E. I. Ponomareva. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1: 71-79 '59.

Central administration plenum of the Scientific-Technological Society of Nonferrous Metallurgy devoted to problems of automatic control of industrial processes. IU. A. Ol'skii. TSvet. met. 32 no. 11;86-88 N '59.

Floatability of artificial, heavy metal sulfides and the flotation characteristics of little-studied minerals. A. N. Grebnev, I. A Kakovskii Izv vys. ucheb. zav; gor zhur no 3:140-151 '59

Flotation of nonferrous metal ores in certain plants of the Chinese Peoples' Republic V M Arashkevich. Izv vys ucheb zav., gor zhur no 3·125-139 '59

In a fiery whirlwind I. Krasinskii Izobr. i rats. no 1· 7 Ja '60.

Mikhailenko, A. IA., and V. V. Krapukhin. [Furnaces for nonferrous metallurgy] Pechi tsvetnoi metallurgii. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 454 p.

Production cost determination from complex raw materials. S. IA Rachkovskii and others. TSvet. met 32 no. 11·65-77 N '59.

NONMETALLIC MATERIALS

Kind of nonmetallic inclusions in high manganese steel and their characteristics. IU. A Shul'te, M I Kurbatov Izv. vys ucheb. zav., chern. met no 3·159-164 '60

NORBLIN DE LA GOURDAINE, JEAN PIERRE, 1745-1830

Materials for the biography of J. P. Norblin. L. Taranenko Iskusstvo 22 no 11.67-71 '59.

NORDVIK REGION—OSTRACODA, FOSSIL

Lower Jurassic ostracods in the Nordvik and Lena-Olenek regions. O. M. Lev. Sbor. st. po paleont. i biostrat. no. 12:23-40 '58.

NORIL'SK—MINING ENGINEERING

Results of turbocompressor testing in Noril'sk mines. S. S. Smorodin. Izv. vys. ucheb. zav., gor zhur. no. 2 125-129 '59.

NORIL'SK—PILING (CIVIL ENGINEERING)

Using pile foundations in construction on permafrost in the city of Noril'sk. M. V. Kim. Osn., fund. i mekh. gr. no. 6:19-20 '59.

NORIL'SK REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Silurian deposits in the northwestern part of the Siberian Platform (Noril'sk and Imangda regions) A. G. Kravtsov. Sbor. st. po paleont. i biostrat. no. 15 5-10 '59.

NORIO REGION (GEORGIA)—OIL WELL DRILLING FLUIDS

Utilization of petroleum emulsifying drilling muds in the Norio sector. I. D. Tavberidze, I. I Mikadze, K. S. Kvaskhvadze. Trudy Inst. khim. AN Gruz. SSR 14 83 [illegible] '58.

NORTH AMERICA—ORTHODOX EASTERN CHURCH

Survey of the Exarchate of the Moscow Patriarchate in America in 1959 Zhur Mosk Patr no 3 21-23 Mr '60

NORTH ATLANTIC TREATY ORGANIZATION

An insidious gift Nov vrem. 18 no 17·27 Ap '60

The Norstad plan; a course towards atomic war in Europe M. Mil'stein, A. Slobodenko Mir. ekon i mezhdunar. [illegible] no. 5;66-76 My '60

Provocative activity of the North Atlantic Treaty Organization. A. Bel'skaia. Mezhdunar. zhizn' 7 no. 5·119-121 My '60.

NORTH KAZAKHSTAN ECONOMIC REGION—ORE DRESSING

Provide large construction projects with well operating automotive transportation. A. Apsemetov, I [illegible] Nar. khoz. Kazakh. no. 11;51-53 N '59.

NORTH KAZAKHSTAN PROVINCE—AGRICULTURE

Cultivation of virgin and waste lands in North Kazakhstan Kh. Kh Siundiukov Zemledelie 8 no 1,48-57 Ja '60

NORTH KAZAKHSTAN PROVINCE—CHERNOZEM SOILS

Decomposition rate of organic matter in reclaimed Chernozems of North Kazakhstan [with summary in English] M. I. Rubinshtein. Pochvovedenie no. 11:89-92 N '59.

Meadow-Chernozem soils of North Kazakhstan [with summary in English]. A. M. Durasov. Pochvovedenie no. 11 19-25 N '59.

NORTH KAZAKHSTAN PROVINCE—GRAIN ELEVATORS

At leading elevators and grain procurement stations of North Kazakhstan P Makhnachev Muk.-elev. prom. 25 no. 12 3-7 D '59.

NORTH KAZAKHSTAN PROVINCE—STATE FARMS

Toward new achievements; a sketch. Boris Petrov. Part. zhizn' Kazakh. 28 no 6:38-44 Je '59.

NORTH KOREA see Korea, North

NORTH SEA—HYDROLOGY

Hydrological conditions in the North Sea in April 1957. A. E. Antonov. Biul. Okean kom. no. 3;46-52 '59.

NORTH SEA—MARINE BIOLOGY

"Sea and shore" [in German] by Fritz Gessner Reviewed by I. A. Kiselev Bot zhur 44 no 10 1512-1514 O '59

NORTH-WESTERN PROVINCES—AGRICULTURE—TAXATION

Land taxation policy of the colonial authorities and the growth of agrarian relations in the North-Western Provinces of India during the first half of the 19th century. E. N. Komarov. Uch. zap. Inst. vost. 20:51-90 '59

NORTHEAST PASSAGE

Northern sea route and scientific exploration of Arctic regions. V.F.Burkhanov. Probl Sev. no. 3:115-127 '59.

Problems in developing the economy and transport communications in the northeastern part of the U.S.S.R (Yakut A.S.S.R and Magadan Province) and role of the northern sea route. S.S.TSenin. Probl. Sev. no. 3: 137-159 '59.

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—DEFENSES

An insidious gift. Nov vrem 18 no 17:27 Ap '60.

NORWAY—DESCRIPTION AND TRAVEL

In the country of fiords and cliffs. Georgii Liubosh Moskva 3 no 9:171-180 '59.

NORWAY—MOTION-PICTURE PLAYS

Remarks about the Norwegian cinema. Vl Matusevich. Isk.kino no.11 116-149 N '59

NORWAY—TORPEDO BOATS

New torpedo boats for the Norwegian and West-German fleets (from "The Motor Ship," no.468, 1959) Sudostroenie 25 no 11:64-65 N '59

NOSE

Influence of large and rapid changes in atmospheric pressure on certain functions of the ear, nose and throat [with summary in English]. I.IA.Borshchevskii. Vest. otorin. 21 no 6:19-24 N-D '59.

Some features of the status of the ear, nose, and throat in influenza [with summary in English]. I.I.Gol'dman. Vest.otorin 21 no.6 83-85 N-D '59.

NOSE—DISEASES

Influence of labored nasal breathing on arterial pressure [with summary in English]. D.S.Blekher. Vest. otorin. 21 no. 6:65-67 N-D '59.

NOSE, ACCESSORY SINUSES OF—SURGERY

Changes in the nerve elements of the dental pulp of the upper jaw following radical surgery on the maxillary sinuses. A.G.Shargorodskii. Stomatologiia 38 no.6 32-38 N-D '59.

NOTARIES see subdivision under Germany, East

NOVALGIN

Anal'gin. P.M.Dozortseva. Zdorov'e 5 no.12:29 D '59.

NOVAYA SHUL'BA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A district party committee tries to consolidate party organizations on collective farms. F Kotov Part zhizn' Kazakh. 28[i.e 20] no.12:47-48 D '59

NOVAYA USHITSA DISTRICT—EDUCATION, COOPERATIVE

After school our students begin their life of work. F.S. Batsura Rad shk 38 no 12:34-35 D '59.

NOVAYA USMAN' DISTRICT—FARM MECHANIZATION

We introduce over-all mechanization. N.Manukovskii. Agitator no.24:29 D '59.

NOVGOROD—ANTIQUITIES

Method for determining the chronology of Novgorod antiquities B A.Rybakov. Sov arkheol no 4:82-106 '59

On the Novgorod chronology. A.V.Artsikhovskii Sov arkheol no 4:107-127 '59

NOVGOROD—ARCHITECTURE

Novgorod (Province) Inspektsiia po okhrane pamiatnikov. [Architectural monuments of Novgorod; Voivode's courtyard of the Kremlin] Pamiatniki arkhitektury Novgoroda, Voevodskii dvor Kremlia. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 27 p. (Novgorodu 1100 let)

NOVGOROD—CHRONOLOGY

Method for determining the chronology of Novgorod antiquities. B.A.Rybakov. Sov arkheol no.4 82-106 '59.

On the Novgorod chronology A V Artsikhovskii Sov arkheol no 4 107-127 '59.

NOVGOROD—CHURCHES

Novgorod (Province) Inspektsiia po okhrane pamiatnikov. [Architectural monuments of Novgorod; Church of St. John the Divine] Pamiatniki arkhitektury Novgoroda, tserkov' Ioanna Bogoslova. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 10 p. (Novgorodu 1100 let)

NOVGOROD—ELECTRIC POWER DISTRIBUTION

Novgorod power engineers are fulfilling their labor tasks. S.Neshin. Zhil.-kom.khoz. 9 no.12:16-17 '59.

NOVGOROD—FESTIVALS

Celebrating the 1100th anniversary of Novgorod. Prep. ist. v shkole 14 no.6:122 N-D '59.

NOVGOROD—HISTORY

"Novgorod historical collection." Part 9. Reviewed by IU.R.Klokman. Ist.SSSR 3 no.6:175-177 N-D '59.

A theoretical conference dedicated to the 1100th anniversary of the founding of Novgorod IU.B. Ist.SSSR 3 no.6 208-209 N-D '59.

NOVGOROD PROVINCE—VILLAGES

Makarenko, S.P., ed. [An area transformed; a collection] Preobrazhennyi krai, sbornik. [Novgorod] Knizhnaia red.gazety Novgorodskaia pravda, 1958 78 p (MIl)

NOVGOROD-SEVERSKI—FLINTE

On two types of the upper paleolithic nodules. Part 2: Gigantolites. M.Z.Panichkina. Krat.soob IIMK no.76 3-9 '59.

NOVIKOV, VASILII IVANOVICH

A worker's library. Al. Less. Moskva 3 no.11:210-217 '59.

NOVO-POKROVSKAYA—CHEESE FACTORIES

Replacing hand presses with pneumatic ones. A. Papoian. Moloch.prom. 20 no.12:36 D '59.

NOVOCAINE

Changes in the size of nuclei in mesothelial and mast cells due to the effect of novocaine L G Vol'fenzon TSitologiia 1 no 6:641-648 N-D '59

Concerning the effectiveness of block of the lumbar sympathetic ganglia in the treatment of obliterating endarteritis [in Azerbaijani with summary in Russian]. B.M.Makhmudbekov. Azerb.med.zhur. no.12 14-20 D '59.

Gorbadei, N.K. [Intra-arterial transfusion of novocaine in the therapeutic clinic] Vnutriarterial'nye vlivaniia novokaina v terapevticheskoi klinike. [Leningrad] Medgiz, 1959. 114 p.
(DNLM)

Intraosseous anesthesia in surgery on the extremities [with summary in English] E G Lokshina, L A TSeitlina Zdrav Tadzh. 6 no.6:27-30 '59.

Normalization of cardiac rhythm under the influence of a novocaine block of the stellate ganglion in experimentally induced acute coronary circulatory disorders G.A Geine Zdrav.Belor 5 no 12:26-32 D '59.

Treatment of furuncles of the upper lip with a novocaine block [with summary in English]. M P.Zhakov. Vest khir. 83 no.11:95-96 N '59

Use of novocaine in late pregnancy toxemias with a hypertensive syndrome [with summary in English]. M.V. Mogilev. Akush.i gin. 35 no.6:47-51 N-D '59.

NOVOROSSIYSK—SHIPYARDS

Sectional method for replacing the hull bottom on the diesel-powered ship "Lepse"; Novorossiysk Ship Repair Yard. A.Kizirov. Inform sbor TSNIIMF no.20:20-25 '58.

NOVOSELOV, KUZ'MA VASIL'EVICH

Real Communist warrior V.A.Vikhrenko Vest. Vozd Fl no.12 72-76 D '59.

NOVOSIBIRSK—APARTMENT HOUSES

Assembly-line construction of large residential blocks. A.Veksman, V.Pushkarev, N.Bgatov. Zhil.stroi. no.11: 2-5 '59.

NOVOSIBIRSK—INDUSTRIAL SAFETY

Industrial safety in communal economy enterprises of the city of Novosibirsk. I.Makhnovskii. Zhil.-kom.khoz. 9 no.12:5-6 '59.

NOVOSIBIRSK—PATRINIA

Some data on the introduction of Patrinia intermedia Roem. et Schult. A.I.IAkubova. Trudy Bot.inst.Ser. 6 no.7 323-325 '59.

NOVOSIBIRSK—SEWAGE DISPOSAL

Conference on the protection of waters from pollution. Vod.i san.tekh. no.1:39-40 Ja '60.

NOVOSIBIRSK—WALL NEWSPAPERS

A good, instructive conversation. V.Shipov. Grazhd.av. 16 no.9:30-31 S '59.

NOVOSIBIRSK PROVINCE—AGRICULTURAL RESEARCH

In a quiet office, far from the fields. V Shorokhov, R Shmidt. NTO no.11:22-23 N '59.

NOVOSIBIRSK PROVINCE—COMMUNIST YOUTH LEAGUE

Ombysh-Kuznetsov, S.O., comp. [Restless hearts; recollections by Communist Youth League Members] Bespokoinye serdtsa; vospominaniia komsomol'tsev. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 134 p.
(MIl)

NOVOSIBIRSK PROVINCE—TRACE ELEMENTS

Amount of certain trace elements in soils and plant ash in Novosibirsk Province. P.M.Sudarev, V.S.Boiko, N.V.Arnautov. Izv.Sib.otd.AN SSSR no.11:93-95 '59.

NOVOSIBIRSK PROVINCE—WORMS, INTESTINAL AND PARASITIC

Conference on the eradication of foci of diphyllobothriasis in Novosibirsk Province. N.M.Erokhin. Med.paraz.i paraz.bol. 26 no.6:754-755 N-D '57.

NOVOUZENSK DISTRICT—COLLECTIVE FARMS—FINANCE

It is necessary to establish working capital norms on collective farms. K E Sokratov Uchet i fin v kolkh i sovkhoz 17 no 2:30-38 F '60

NOVOZYBKOV DISTRICT—DEAF—EMPLOYMENT

Good luck, Nastia Zhidkova! P.Safonov. Zhizn' glukh. 12 no.12,3 D '59.

NUCLEAR COUNTERS

Characteristics of corona counters for slow neutrons. A.I Dokuchaev. Prib.i tekh eksp no 6:41-45 N-D '59

Investigation of interplanetary ionized gas, high energy electrons, and solar corpuscular radiation by means of three-electrode traps for charge-carrying particles, installed on the second Soviet cosmic rocket. K I. Gringauz and others Dokl.AN SSSR 131 no.6 1301-1304 Ap '60.

Photon counter with a control grid. S.M.Perel'man, V I Malinin, N M Shiutte Prib.i tekh.eksp. no.6: 95-97 N-D '59

NUCLEAR ENGINEERING

[Nuclear engineering abroad.] Atomnaia tekhnika za rubezhom 4 no.5 My '60. 48 p.

NUCLEAR FISSION

Angular anisotropy of γ-quanta accompanying fission. V.M.Strutinskii. Zhur.eksp.i teor.fiz. 37 no.3 861-863 S '59.

Mean number of prompt neutrons emitted in the photofission of Th^{232} and U^{238} by γ-rays from the reactions F^{19} (p, αγ)O^{16} L I Prokhorova, G N Smirenkin Atom energ 8 no 5 457-459 My '60

Spontaneous fission of Am^{241}. V.L.Mikheev and others. Zhur eksp.i teor.fiz. 37 no.3 859-861 S '59.

Study of nuclear fissions in the realm of superhigh energies. Zh S.Takibaev. Vest AN Kazakh.SSR 15 no 11:41-46 N '59.

NUCLEAR MAGNETIC RESONANCE

Unit for measuring nuclear moments by the method of magnetic resonance in molecular beams. A G Kucheriaev and others Prib.i tekh.eksp no.6:48-57 N-D '59

Use of the nutation method for measuring direct current by means of nuclear magnetic resonance. A.I.Zhernovoi, G.D.Latyshev. Vest AN Kazakh.SSR 15 no.12: 51-56 D '59.

NUCLEAR MOMENTS—MEASUREMENT

Unit for measuring nuclear moments by the method of magnetic resonance in molecular beams. A G Kucheriaev and others Prib.i tekh eksp. no 6:48-57 N-D '59.

NUCLEAR PHYSICS

Discussion on problems in high energy physics. IA.I. Granovskii Vest. AN Kazakh.SSR 15 no.11:94-95 N '59.

NUCLEAR PHYSICS—RESEARCH see subdivision under China

NUCLEAR-POWERED SHIPS see Atomic ships

NUCLEAR REACTIONS

Circular polarization of γ-quanta emitted by a nucleus after μ^--capture [with summary in English]. I.S.Shapiro, L.D.Blikhintsev. Zhur.eksp.i teor.fiz. 37 no.3: 760-764 S '59.

Dispersion relations for a virtual Compton effect [with summary in English]. I.S.Zlatev, P.S.Isaev. Zhur. eksp.i teor.fiz. 37 no.3:728-734 S '59.

Energy thresholds of the (γ,n)-reaction for elements having isotopes with 50 and 82 neutrons. A.K.Berzin, R.P.Meshcheriakov, B.M.IAkovlev. Izv.vys.ucheb. zav., fiz. no.5,148-153 '59.

Formation of compound nuclei by the interaction of O^{16}, C^{12}, and C^{13} ions with V and Nb nuclei [with summary in English]. A.S.Karamian, A.A.Pleve. Zhur.eksp.i teor.fiz. 37 no.3:654-662 S '59.

Massey parameter in the theory of atomic collisions. G.F.Drukarev. Zhur.eksp.i teor.fiz. 37 no.3:847-848 S '59.

Multipolarity of γ-transitions in Tm^{169} [with summary in English]. V.M.Kel'man and others. Zhur.eksp.i teor. fiz. 37 no.3:639-642 S '59.

Production of pairs in collisions between charged particles [with summary in English]. F.F.Ternovskii. Zhur. eksp.i teor.fiz. 37 no.3:703-708 S '59.

NUCLEAR REACTORS
(see also subdivision under Lemont, Ill.)

Increasing the efficiency of power reactors with gas heat carriers T.Kh.Margulova, L S Sterman Atom energ. 8 no.5:448-451 My '60.

Organic liquid moderated reactors for underground and marine installations A Seligman. Atom energ 8 no 5 470-472 My '60.

NUCLEAR REACTORS (Continued)

Thermal analysis of the operating channel of a nuclear reactor [with summary in English] I S. Kochenov Inzh -fiz zhur no 12:64-67 D '59

Washington conferences of the American Nuclear Society and the Atomic Workers International Union Atom. energ 8 no 5 467 My '60

Winners of Lenin Prizes in 1960 for scientific research in the physics of nuclear reactors using fast neutrons and for the creation of the VVR-2, VVR-S, and ITR complex of water-water research reactors Atom energ 8 no 5 407-408 My '60

NUCLEAR REACTORS—DESIGN AND CONSTRUCTION

Calculation of thermal shock in construction elements of reactors IU E Bagdasarov Atom energ 8 no 5 452-454 My '60

NUCLEATION, ATMOSPHERIC see Atmospheric nucleation

NUCLEI, ATOMIC

Angular distribution and polarization of β-particles in second forbidden transitions [with summary in English] A. Z. Dolginov, E. V. Kharitonov Zhur. eksp. i teor. fiz. 37 no 3:776-785 S '59

Determination of deformation in nuclei from the fine structure of α-decay. V. G. Nosov Zhur. eksp. i teor. fiz 37 no 3 886-887 S '59.

Electric quadrupole γ-transitions in even-even nuclei. N. N. Deliagin. Zhur eksp. i teor fiz 37 no 3:849-851 S '59.

Excitation of rotational states of nonaxial nuclei in α-particle scattering. E. A. Romanovskii. Zhur. eksp. i teor. fiz 37 no 3 851-853 S '59.

Magnets for the orientaton of atomic nuclei with the use of superconductors A V Kogan and others Zhur tekh fiz 29 no 11:1119-1120 N '59

NUCLEIC ACIDS

Concentration and nucleotide composition of nucleic acids in the ontogeny of the silkworm Bombyx mori [with summary in French]. I. B. Zbarskii and others. Zhur. ob. biol. 20 no. 6.428-438 N-D '59.

Metastable condition of proteins and nucleic acids as a result of irradiation I. I Sapezhinskii, N. M. Emanuel'. Dokl. AN SSSR 131 no. 5.1168-1170 Ap '60.

Ultraviolet fluorescence of nucleic acids and polyphosphates L. S. Agroskin and others. Dokl AN SSSR 131 no. 6 1440-1443 Ap '60.

NUCLEONS

Determining the radius of a meson-nucleon interaction [with summary in English] V I. Mal'chenko Ukr. fiz zhur 4 no 4 432-437 Jl-Ag '59

Ejection of α-particles from nuclei by fast nucleons [with summary in English]. V. I. Ostroumov, R. A. Filov. Zhur. eksp. i teor. fiz. 37 no. 3:643-650 S '59.

NUCLEUS (CELLS) see Cell nuclei

NUKATL' RANGE—QUARTZ

Quartz genesis in the large quartz lode of the Dagestan Nukatl' Range. I. IA. Diad'kina Sbor. nauch. rab. stud. LGI no. 2:34-41 '57.

NUKUS—COTTON—STORAGE

Cotton was saved. B. Mudrats. Pozh. delo. 5 no. 12:21 D '59.

NUMBERS, PRIME

Estimations from below for the number of nearly-prime integers belonging to some general sequences [with summary in English]. B. V Levin Vest LGU 15 no. 7 48-65 '60.

Generalized numerical functions and distribution of groups of prime numbers V A Golubev Izv vys ucheb zav, mat no 5 93-97 '59

NUMBERS, THEORY OF

Contribution to the theory of ternary quadratic forms. Part 4. On the connection with Riemann's hypothesis [with summary in English]. A. V. Malyshev. Vest LGU 15 no. 7,14-27 '60.

Correction. V. N. Ivanov. Usp. mat. nauk 14 no. 6:246 N-D '59.

NUMERATION

One general property of the counting system. A. O. Gel'fond. Izv. AN SSSR. Ser. mat. 23 no. 6 809-814 N-D '59.

NUMERICAL CALCULATIONS

Investigation results and prospects in some problems of mechanical quadratures V I. Krylov. Trudy Inst fiz i mat AN BSSR no 3:38-61 '59.

NUMMULITES see subdivision under Badkhyz

NUREK—EARTHQUAKE, 1956

The Nurek earthquake of September 22, 1956. A. A. Kon'kov. Trudy AN Tadzh. SSR 94:29-36 '58.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

Rudenko, R. A., ed. [Nuremburg Trial and Major German War Criminals, collected materials in seven volumes] Niurnbergskii protsess nad glavnymi nemetskimi voennymi prestupnikami, sbornik materialov v semi tomakh. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 4. [War crimes and crimes against humanity] Voennye prestupleniia i prestupleniia protiv chelovechnosti. 1959. 896 p.

NURSERIES (HORTICULTURE)

State of nurseries in the R.S.F.S.R. V. V. Zagumennyi. Trudy Bot. inst. Ser. 6 no. 7:429-431 '59.

NURSERY STOCK

Conference on methods of obtaining better planting stock in nurseries. A. E Vest. sel'khoz. nauki 4 no. 11:150-151 N '59

NURSES AND NURSING

In the Ministry of Public Health of the Ukrainian S S. R. Vrach delo no 11 1225-1226 N '59.

NUTGRASS see subdivision under Kiev

NUTRITION

Physiological norms in nutrition in the light of the decisions of the Twenty-first Congress of the CPSU. G. M Makhkhamov Izv AN Uz. SSR Ser. med. no. 6 3-6 '59

NUTS—DISEASES AND PESTS

Control of the Turkestan rat in the nut forests of southern Kirghizistan. K Beishebaev. Trudy Inst zool. i paraz. AN Kir. SSR no 7:89-96 '59.

NUTS (MACHINERY) see Bolts and nuts

NYLON

Construction parameters for fastening porous rubber soles with nylon threads V N TSvetkov, F. S. Andreev Izv vys. ucheb. zav, tekh leg prom. no 5:85-94 '59.

Melting and spinning machine for producing capron fibers. E S IAkobson Biul. tekh -ekon. inform. no. 11:53-55 '59

Performance of nylon cord (from "Die Gummibereifung," 35, no. 1, 1959). Kauch. i rez. 18 no. 12:58 D '59.

NYLON—THERAPEUTIC USE

Technic of preparing a capron net for alloplasty [with summary in English] A P. Koveshnikov, B. A Tkachenko. Zdrav Tadzh. 6 no 6:40-43 '59.

NYLON HOSIERY see Hoisery, Nylon

OAK

(see also subdivision under Kuban)

Cork plants of the U.S.S R., their utilization and outlook for cultivation. L. F Pravdin. Trudy Bot. inst. Ser. 6 no 7:394-398 '59.

Formation of tracheae in oak wood (Quercus robur L.) during its ontogenic development under different ecological conditions. O. N. Chistiakova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:103-106 '60.

Growth and development of oak coppice woods in areas of improvement cutting. M. S. Chernobrovtsev. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:23-27 '59.

Growth and productivity of certain types of oak and oak-pine forests. I. P. Koval'. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:19-22 '59.

Natural regeneration under the canopy of oak woods in the forest-steppe region. V N. Ryzhkova Izv. vys ucheb zav, les zhur 2 no 5 58-61 '59

OATS

Oat products. G. S. Korobkina. Zdorov'e 5 no. 12:29 D '59.

OB' VALLEY—GEOLOGY

Characteristics of recent geological processes developing in the lower Ob' and Irtysh Valleys. A. S. Gerasimova. Vest Mosk un. Ser. biol., pochv., geol., geog. 14 no. 2:103-111 '59.

OB' VALLEY—LOESS

Loess in the upper Ob' Valley in connection with its formation from the point of view of engineering geology. F A Nikitenko. Izv. vys ucheb. zav.; geol. i razv. 2 no 8:123-127 Ag '59.

OB' VALLEY—PALEOGEOGRAPHY

Significance of determining very small iodine quantities for the study of rock genesis (based on a study of middle Quaternary deposits in the lower Ob' Valley). V V. Baulin. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:149-157 '59.

OBERLAENDER, THEODOR, 1905-

"The truth about Overlaender; a brown book concerning the criminal fascist past of the Bonn minister" [in German]. Reviewed by T. Popova. Mir. ekon i mezhdunar. otn. no 5 148-151 My '60

OBESITY see Corpulence

OBOYAN DISTRICT—BRICKMAKING

Brick factories serving several collective farms. N. Korpus, V. Savenko. Sel'. stroi. 14 no. 12:18 D '59.

OBRUCHEV, VLADIMIR AFANAS'EVICH, [illegible]

Vladimir Afanas'evich Obruchev, outline of [illegible] work A Kh Ivanov Trudy Kom [illegible] '59.

OBSERVATORIES see subdivision under [illegible]

OBSHCHIY SYRT—OIL SHALES

Some data on the composition of the [illegible] deposit. V. F. Polozov, A. P. [illegible] no. 4 57-62 '55.

OBSTETRICS

Joint plenary session of the administrative [illegible] medical societies of obstetricians and [illegible] of pediatricians of the R.S.F.S.R. [illegible] i gin. 35 no. 6:97-100 N-D '59.

Review of activities of branches of the All [illegible] of Obstetricians and Gynecologists during [illegible] sandrov. Akush. i gin. 35 no. 6:100 [illegible]

Skrobanskii, K. K. [Manual for midwives] [illegible] akusherstva. Izd. 3. Leningrad, Medgiz, [illegible]
(MnU)

OBSTETRICS—STUDY AND TEACHING see [illegible] under Kaliningrad Province

OBSTETRICS—SURGERY

Braude, I. L. [Emergency surgery in [illegible] gynecology, a manual for physicians] [illegible] khirurgiia v akusherstve i ginekologii; [illegible] dlia vrachei. Izd. 2., dop. Moskva, Medgiz, [illegible] 219 p.
(MnU)

OCCULTATIONS

Observations of lunar occultations of [illegible] Astronomical Observatory in Pulkovo [illegible] Potter, F. F. Bulatova. Astron. tsir. [illegible] '57.

Observations of lunar occultations of [illegible] Astronomical Observatory of the Academy [illegible] of Estonia. H. Albo. Astron. tsir. [illegible] '57.

Tables for the prediction of lunar occultations [illegible] stars in Pulkovo [with summary in English] [illegible] Potter. Izv GAO 21 no 2 [illegible]-143 [illegible]

OCCUPATIONAL DISEASES

Study of the problem of hemopoiesis in [illegible] eases V. V. Sokolov. Gig. truda i prof. [illegible] 29-33 N-D '59

"X-ray diagnosis of occupational diseases" [illegible] berg. Reviewed by M. I. Glikin. Klin [illegible] 139-141 D '59

OCCUPATIONS

The right way to choose a permanent occupation [illegible] (Sov. Otv na vop. trud. no. [illegible] 22 [illegible]

OCEAN BOTTOM see subdivision under [illegible]

OCEAN BOTTOM—MAPS

Stereophotogrammetric mapping of [illegible] B. G Potapenko Trudy Vses [illegible] 244-267 '59

OCEAN CURRENTS

(see also subdivision under Atlantic Ocean; [illegible] Sea; Bering Sea; Davis Strait)

Measurement of deep currents. V. I. [illegible] GOIN no. 37:70-84 '59.

Method for regular observations on near [illegible] at coastal hydrometeorological stations. [illegible] ova. Biul. Okean kom. no. 3:57-[illegible] '59.

Possibility of using a dynamic method in [illegible] calculations. L. M. Fomin. Biul. Okean [illegible] 90 '59.

Use of fluorescein in determining the [illegible] currents in the sea. V. P. [illegible] 73-78 '59.

OCEANICA—DISCOVERY AND EXPLORATION

"Ancient voyagers in the Pacific" (in English) [illegible] Sharp. Reviewed by N. A. Butinov. Sov. et[illegible] 208 N-D '59.

OCEANOGRAPHIC INSTRUMENTS

Apparatus recording the elements of [illegible] Stas'. Biul. Okean kom. no. 3:53-56 '59.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Pacific Ocean)

Methods for visual observation of the sea [illegible] Tarasov. Biul. Okean kom. no. 3:60-61 '59.

Model study of marine drift. IA. E. [illegible] Okean. kom. no. 4:149-155 '59.

State Oceanographic Institute of the Main [illegible] of Hydrometeorological Service attached [illegible] of Ministers of the U.S.S.R. IA. D. [illegible] Okean kom. no. 3:5-6 '59.

Use of aerial methods in oceanographic research [illegible] Lazarenko. Trudy GOIN no. 37:85-93 '59

OCEANOGRAPHIC RESEARCH—CONGRESSES

Conference of the National Oceanographic [illegible] England on storm surges and long waves. IU. V. [illegible] brazhenskii. Biul. Okean kom. no. 3:12-[illegible] '59.

Conference on the coordination of oceanographic [illegible] in the Baltic Sea. IU. V. Preobrazhenskii [illegible] kom. no. 3:7-11 '59.

OCTADIENE

Exchange reactions of chlorine-containing telomers of diene hydrocarbons. Part 2: Reactions of 1-chloro-5-methyl-, 1-chloro-3, 5-dimethyl-, and 1, 3-dichloro-5-methyl-2, 6-octadienes with sodium acetoacetate. A. A Petrov, L. I. Bunina-Krivorukova. Zhur. ob. khim. 30 no. 4:1165-1168 Ap '60.

OCTESTROL

Improved method of preparing octestrol. G. I. Kiprianov, L. M. Kutsenko. Zhur. prikl. khim. 31 no. 4:665-667 Ap '58.

ODESSA—CLOTHING INDUSTRY—STUDY AND TEACHING

Institute of advanced practices at the "Vorovskiy" factory in Odessa. N. I. Katsenel'son Shvein. prom. no. 6 24-25 N-D '59.

ODESSA—COLD STORAGE WAREHOUSES

Partially submerged cascade cooling system. S. Chuklin, D Nikul'shina Mias. ind. SSSR 30 no 2:48-50 '59

ODESSA—ECONOMIC CONDITIONS

Peresyp during the forty years of Soviet rule. E. B. Gurevych. Pratsi Od. un. Zbir. stud. rob. no. 5.(vol. 149) 137-140 '59.

ODESSA—HEAT EXCHANGERS

Producing water heat exchangers M Zaika Muk -elev prom 25 no 12 27 D '59.

ODESSA—HOUSEHOLD FURNISHINGS

Make way for a good initiative V Drevnitskii Sov torg. 33 no 1 39-41 Ja '60

ODESSA—LABOR AND LABORING CLASSES

History of the labor movement in Odessa in the 1870's. A. D. Bachyns'kyi. Pratsi Od. un. Zbir. stud. rob. no. 5; (vol. 149) 9-16 '59.

ODESSA—LIBRARIES AND READERS

Let us promote books by local authors. B. Ezerskaia. Bibliotekar' no. 4 46-48 Ap '60.

ODESSA—MACHINERY INDUSTRY

Achievements of the S. M. Kirov Plant. D. Sukhorukov. Nauka i zhyttia 9 no. 12:25-29 D '59.

ODESSA—MANUFACTURES—FINANCE

Procedure for establishing a commodity fund. I Lisinetskii Fin SSSR 21 no 4 79-81 Ap '60

ODESSA—MATHEMATICS

Review of scientific works of students in mathematics in Odessa. P. D. Kalafati. Usp. mat. nauk 14 no. 6:227-228 N-D '59.

ODESSA—MEDICAL SCREENING

Conducting mass examination of the population in city medical centers. A. M. Lupolover, M. M. Pal', S. Z. Strutina. Sov. zdrav. 18 no. 12:6-9 '59.

ODESSA—NEWSPAPER AND PERIODICAL CIRCULATION

Share the experience of the best with the new newsstand operators. G. Oksengorn. Raspr. pech. no. 12:7-8 D '59.

ODESSA—OILS AND FATS

Production of oil from grape seeds. M. IA. Shukhgalter. Masl.-zhir. prom. 26 no. 1:8 Ja '60.

ODESSA—RIFLE PRACTICE

Kolosovskii brothers N. Riabov. Voen znan. 36 no. 5. 33 My '60.

ODESSA—ROLLING (METALWORK)

Tamed fire. V. Fomenko. Ukraina no 2:18 Ja '60

ODESSA—SHIPYARDS

Testing the watertightness of tanker compartments by means of compressed air; Odessa Ship Repair Yard No. 1. L Morozov. Inform sbor. TSNIIMF no. 26:34-36 '58.

ODESSA—SHIPYARDS—EQUIPMENT AND SUPPLIES

Boring flooding valve seats by means of special devices; Odessa Ship Repair Yard No. 1. L. Balatskii. Inform. sbor. TSNIIMF no. 26:79-82 '58.

Device for milling key grooves on a turning lathe; Odessa Ship Repair Yard M. Sirot. Inform. sbor. TSNIIMF no. 26:86-88 '58.

Using mechanized cold and hot bending and straightening of parts for ship structures; Odessa Ship Repair Yard. E. Tiurin, V. Pyzh Inform. sbor. TSNIIMF no. 26:25-33 '58.

ODESSA—SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES

Automatic control of chipping and packaging lines for cube sugar. I. Giriavenko. Sakh prom 33 no 12 37-38 D '59

Over-all mechanization of packaging and weighing operations on refined sugar production line V. IA Bratinskii Sakh prom 33 no 12 35-36 D '59

ODESSA—TECHNICAL SOCIETIES

Young Odessa technicians. IU. Stoliarov. IUn. tekh. 4 no. 12:46-52 D '59.

ODESSA—WOODY PLANTS

Some data on the growth of trees and bushes along the seaside slopes of the Odessa littoral. N. I. Birkina. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 209-211 '59.

ODESSA GULF—GRAY MULLETS

Approach of mullet to the shores of Odessa Gulf in the summer and fall of 1956. A. I. Ivanov. Pratsi Od. un. Zbir. stud. rob. no. 5:163-165 '59.

ODESSA PROVINCE

Studies on Odessa Province from 1917-1957. H. H. Hryhor'ieva Pratsi Od. un Zbir. stud. rob. no. 5: (vol. 149) 141-143 '59.

ODESSA PROVINCE—ANTIQUITIES

Archaeological monuments along the Khadzhibeyskiy Liman. I. T. Cherniakov. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 39-44 '59.

ODESSA PROVINCE—COLLECTIVE FARMS

A treasure won't be buried any longer M Posmitnyi Ogonek 37 no 52 6-7 D '59

ODESSA PROVINCE—ETHNOLOGICAL RESEARCH

Ethnographical research at the Museum of Local History in Odessa. M. Babina. Nar. tvorch. ta etn. 3 no. 3:146 Jl-S '59.

ODESSA PROVINCE—PENTOSAN

Prospects for the utilization of pentosan-containing raw materials of the Odessa Province. M. S. Dudkin, L. S. Pilipenko. Gidroliz. i lesokhim. prom. 12 no 8:25 '59.

ODESSA PROVINCE—RURAL CONDITIONS

Public welfare in villages of the steppe region. T. P. Fedorchenko. Kolh. Ukr. 6 no. 12:9 D '59.

ODESSA PROVINCE—WORMWOOD

Santonin-bearing wormwood from the flora of the Ukrainian S. S R. A. I Demina. Trudy Bot Inst. Ser 6 no. 7: 308-310 '59.

ODINTSOV, VLADIMIR GRIGOR'EVICH, 1902-1957

The creative works of V. Odintsov and I. Mendelevich. E Kostina. Iskusstvo 22 no. 9:43-47 '59.

ODOROUS SUBSTANCES

Odorous substances from alkylphenols. Part 1: Synthesis of odorous substances from dimethylphenyl-n-cresol. L. A. Kheifits, G. I. Moldovanskaia, V. N. Belov. Zhur. ob. khim. 30 no. 4:1367-1373 Ap '60.

OGAREVA, NATAL'IA ALEKSEEVNA (TUCHKOVA), 1829-1913

Tuckhova-Ogareva, N. A. [Memoirs] Vospominaniia. Pod obshchei red. S. N. Golubova i dr. [Moskva] Gos. izd-vo khudozh. lit-ry, 1959. 381 p. (Seriia literaturnykh memuarov)

OGURCHINSKIY ISLAND—GEOLOGY, STRUCTURAL

Tectonics of the Ogurchinskiy region. V. A. Korneev. Geol nefti i gaza 3 no. 12:37-41 D '59.

OIL FIELD BRINES see subdivision under Karachukhur-Zykh (Apsheron Peninsula)

OIL FIELD FLOODING see subdivision under Kuban

OIL FIELDS see subdivision under Bashkiria; Dolina; Kenkiyak; Kenkiyak region, Kazakhstan; Nikolo-Berezovka, Bashkiria

OIL FIELDS—CLASSIFICATION

Classification of oil and gas fields according to their structural type I R. Reikhman, S. M Aliev Izv. vys ucheb zav, neft' i gaz 2 no 11 19-21 '59.

OIL FIELDS—EQUIPMENT AND SUPPLIES

[Oil field equipment; in six volumes] Neftianoe oborudovanie; v shesti tomakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.
Vol. 3. [Petroleum production equipment] Oborudovanie i instrument dlia dobychi nefti. 1960. 183 p.

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Kinel' region, Kuybyshev Province; Tatar A. S. S. R.; United States)

Achievements of brigades of communist labor U. Uristembaev, A Galiev. Neftianik 4 no. 9 4-5 S '59.

Artificial gas-cap drive. V. G. Bagdasarov. Azerb. neft. khoz. 37 no. 6:24-26 Je '58.

Certain empirical characteristics of the process of displacing immiscible liquids. A. G. Kovalev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:146-150 Mr-Ap '60.

An integrated crew. V. I. Suslin. Neftianik 3 no. 10: 27-28 O '58.

Make standing wells into producing wells. Neftianik 3 no. 9 1-2 S '58.

Shatsov, N. I. [Division of layers in oil and gas fields; constructing, bracing, and cementing wells] Razobshchenie plastov v neftianykh i gazovykh skvazhinakh; konstruktsii, kreplenie i tsementirovanie skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 286 p.

We shall overtake America in petroleum production. Z A. Mosiagutov. Agitator no. 1:63-65 Ja '60.

OIL FIELDS—VALUATION

Simplifying the techniques of calculating oil and gas reserves M. N. Kochetov. Geol nefti i gaza 3 no. 12 16-19 D '59

OIL HYDRAULIC MACHINERY

Liquids used in oil-hydraulic systems of machinery. T. M. Bashta Vest. mash 40 no. 1 3-10 Ja '60.

The N-518 high-duty piston pump. V. IA. Skritskii, M. Z. Loshak. Biul tekh -ekon inform no 11:39-40 '59

New design of a high-duty piston pump. I. K. IUdin, V. IA. Skritskii, M. Z. Loshak Vest mash. 40 no 1 54-55 Ja '60.

OIL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Oil industries

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Georgiyevsk, Rostov-on-Don)

New books. Masl.-zhir. prom. 26 no. 1:42 Ja '60.

Pneumatic-tube transportation of materials. I. V. Demin. Masl.-zhir. prom. 26 no. 1:19-20 Ja '60.

Selecting an efficient system for collecting condensates at oil mills. A S. Godun. Masl.-zhir. prom. 26 no. 1: 29-31 Ja '60.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Oil industries—Equipment and supplies

OIL RECLAMATION

Mechanization of the transport of catalysts in recovery plants. A. M. Riabov, M. S. Bychkov. Neftianik 3 no. 8: 26-27 Ag '58.

OIL RESERVOIR ENGINEERING

Flow of liquid toward incomplete wells in formations of varied permeability Z B Kheirov Dokl. AN Azerb SSR 15 no 12:1091-1095 '59

Fluid flow in oil horizons through lithological "windows." G. P Guseinov Azerb. neft khoz 37 no 6:26-29 Je '58.

New method for determining the dynamics of the weighted average of the reservoir pressure in production areas. F. I. Samedov, Kh B. IUsufzade. Izv. vys. ucheb zav., neft' i gaz 2 no. 11 9-15 '59.

Oil yield of multilayers of different permeability in dissolved-gas pools. G. S. Gazarian. Izv. vys. ucheb. zav, neft' i gaz 2 no. 11 67-74 '59

OIL SHALES

(see also subdivision under Kashpir; Obshchiy Syrt; Slantsy, Leningrad Province)

Chemical composition of phenols in the intermediate tar fraction from the semicoking of Baltic oil shales. E. E. Feofilov, G. N. Garnovskaia, E. P. Parshina. Trudy VNIIPS no. 4:205-217 '55.

Comparative characteristics of producer and tunnel tars obtained from the semicoking of Baltic oil shales. N. I. Zelenin, S. S. Semenov. Trudy VNIIPS no. 4:130-136 '55.

Composition of the 180° - 330° fractions of producer and tunnel tars of Baltic oil shales. L. I. Guliaeva, N. I. Pyshkina. Trudy VNIIPS no. 4:137-151 '55.

Countercurrent dephenolization of tar water by butyl acetate and the problem of mass transfer. B. I. Ivanov, IU. A Kazak Trudy VNIIT no. 8 203-212 '59

Cracking process applied to shale tar and its fractions. N. I. Zelenin, S. S. Semenov. Trudy VNIIPS no. 4:161-166 '55.

Dephenolization of shale tar water by means of an anionite B I. Ivanov, N. F. Sharonova, Z. F. Shul'man. Trudy VNIIT no. 8 213-219 '59.

Determining the heat of combustion of oil shales. A. P. Sivertsev. Trudy VNIIT no 8:226-232 '59.

Dynamic equilibrium in a column for refining the intermediate fractions of shale oil by means of methanol S. S Semenov Trudy VNIIT no. 8:180-197 '59.

Gasification of shale coke. A. S. Sinel'nikov, E. S. Bezmozgin. Trudy VNIIPS no. 4:113-121 '55.

High-temperature decomposition of volatile products from the semicoking of Baltic oil shales. E. S. Bezmozgin, A. S. Sinel'nikov. Trudy VNIIPS no. 4:92-99 '55.

Hydrofining of oil-shale diesel fuel. E. V. Glushenkova, M. O. Preis. Trudy VNIIT no 8 133-141 '59.

Hydrogenation of acid and neutral constituents of the residual producer shale tar boiling above 325° C. E. V. Glushenkova, S. S. Semenov. Trudy VNIIPS no. 4:167-174 '55.

Introduction. Trudy VNIIPS no. 4:3-4 '55.

Isolating phenols from the intermediate tar fraction obtained from the semicoking of Baltic oil shales, using methyl alcohol solutions. G. N. Garnovskaia. Trudy VNIIPS no. 4:199-204 '55.

Methylation of oil shale kerogen by diazomethane. S. S. Semenov, IU I Kornilova, N. D Dokshina Trudy VNIIT no 8:28-34 '59

Physicochemical properties of liquid products obtained from the thermal treatment of Volga area oil shales. D. K Kollerov, N. I. Matveeva, V. A. Zhitenskaia. Trudy VNIIPS no. 4:223-235 '55.

Polymerization of olefin hydrocarbons in the intermediate refined fractions of shale tar. R. K. Platonov. Trudy VNIIPS no. 4:152-160 '55.

Prospects for processing furnace shale tar. IU. A. Kozak, B. I. Ivanov, M. M. Vasil'eva. Trudy VNIIPS no. 4:175-189 '55.

OIL SHALES (Continued)
Prospects for the development of the oil-shale processing industry and objectives of scientific research in this field N. I Zelenin, S L Terekhov Trudy VNIIPS no 4 5-17 '55.
Prospects for the use of oxygen in the shale-gas industry E S Bezmozgin, M M Barshchevskii, M M Vasil'eva Trudy VNIIT no 8 66-74 '59
Purification of phenolic waters from the thermal treatment of oil shales by condensation with formaldehyde B. I Ivanov, K A Galutkina Trudy VNIIT no 8 220-225 '59
Pyrolysis of the 180° C fraction of chamber shale oil M V Kobyl'skaia Trudy VNIIT no 8 154-162 '59
Radiant heat transfer method used in immiscible currents A V Pergushin Trudy VNIIT no 8 82-96 '59
Recovery of alkali from salt solutions after the decomposition of phenolates. E. E Teofilov, G N Garnovskaia, L. P. Parshina Trudy VNIIPS no. 4 218-222 '55
Selective separation of intermediate fractions of shale oils from the semicoking of Baltic oil shales S S Semenov Trudy VNIIT no 8 163-175 '59
Shale-gas generators of higher productive capacity. E. S. Bezmozgin, A. S. Sinel'nikov. Trudy VNIIPS no 4 63-84 '55
Studying the pyrolysis of steam and gas products from the semicoking of oil shales on refractory packing. V.A. Zhukov. Trudy VNIIPS no. 4 100-112 '55.
System for the condensation and cooling of the vapor and gas products obtained in the semicoking of oil shales S S Semenov, V I Zabrodin Trudy VNIIT no 8 75-81 '59
Testing shale-gas generators at the shale-gas producing plant in Slantsy IA I Vainshtein Trudy VNIIT no 8 52 '59
Ways of increasing the production of surface active agents from shale oil V N Lapin, S S Nazarova Trudy VNIIT no 8 176-188 '59

OIL SHALES—ANALYSIS
Composition of the pyridine bases of chamber shale oil. M V. Kobyl'skaia Trudy VNIIT no 8 198-202 '59
Group chemical composition and flotation properties of neutral oxygen compounds of shale oil from semicoking L. I Guliaeva, S S Nazarova Trudy VNIIT no 8 142-153 '59
Use of chromatographic analysis in determining the group content of the tar fraction obtained from oil shale of the Volga deposit I. N. Kamenskaia Trudy VNIIPS no. 4. 259-280 '55.

OIL SHALES—BIBLIOGRAPHY see Bibliography—Oil shales

OIL SHALES—DRYING
Processing of dried oil shale in compartment kilns. IA. I. Vainshtein. Trudy VNIIPS no. 4 85-91 '55

OIL SHALES—THERMAL PROPERTIES
Specific heats of industrial oil shale, of shale coke, and of shale concentrates. D K. Kollerov, N. I. Matveeva Trudy VNIIPS no. 4:236-243 '55.
Thermophysical and physicochemical properties of Baltic oil shale Part 2 Specific heat and heat of semicoking D K Kollerov Trudy VNIIT no 8 35-51 '59

OIL WELL CEMENTING
(see also subdivision under Siberia; United States)
Device for introducing radioactive isotopes in wells in cementing operations T Kh Abramian Neftianik 4 no 11:23 N '59
Over-all mechanization of oil well cementing. S. S. Vainshtein. Bezop. truda v prom. 3 no. 12,22-23 D '59.
Using slag-sand cement in extra deep wells. E. K. Machinskii, A I Bulatov Neftianik 4 no 11:8-9 N '59.

OIL WELL DRILLING
(see also subdivision under Al'met'evsk, Tatar A. S. S. R.; Azerbaijan; Mukhanovo region, Kuybyshev Province, Saratov Province, Stanislav Province)
Decreasing the angle of deviation of directional holes without using deflectors [in Azerbaijani with summary in Russian]. S. A. Nazirov. Azerb. neft. khoz 37 no 6: 16-18 Je '58.
Flushing in electric drilling. F. N. Fomenko. Neftianik 3 no. 8:3-6 Ag '58.
Improving the organization and planning of drilling operations A. K Karaev, G. A Kovtunov Neftianik 4 no. 9: 28-29 S '59.
Lighting of drilling stations. G. V. Zhuravleva, V. A. Ruvinskii. Bezop. truda v prom. 4 no. 1 17-19 Ja '60.
Using friction forces to reduce weight on well bottoms. K A Bogoliubskii, V. P. Zinenko, A N Kirsanov Razved. i okh nedr 25 no. 10:26-29 O '59.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut nefti. [Instructions for using methods of "long kellys" and "pipe connecting" in drilling wells] Instruktsiia po osvoeniiu metodov "udlinennogo kvadrata" i "narashchivaniia svechami" pri burenii skvazhin. Predlozheniia S. S. Magdieva. Alma-Ata, 1959. 13 p.
New method for using a retractable core barrel in rotary drilling A M. Nor Neftianik 4 no 9 8-10 S '59
Performance of the LPG-2-3000 draw works operated by a group diesel drive. A. M. Nor. Neftianik 3 no. 9 6-8 S '58.

OIL WELL DRILLING—PRODUCTION STANDARDS
More authority for work norm on experts drilling sites. B. Pavlovskii, A. Elizarov. Sots. trud 4 no. 7 132 Jl '59.

OIL WELL DRILLING, SUBMARINE see subdivision under Neftyanye Kamni region

OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES see subdivision under Azerbaijan

OIL WELL DRILLING FLUIDS
(see also subdivision under Norio region, Georgia)
Natural gas in place of drilling fluids. Neftianik 4 no 12:30 D '59
Obtaining cellulose sulfates and studying their effect on drilling muds. M Z. Finkel'shtein, I. L Borisov Izv vys ucheb zav., neft' i gaz 2 no 11,49-53 '59
Structure-mechanical properties of clay suspensions used under complex drilling conditions. A. K. Miskarli Trudy Inst. khim. AN Azerb. SSR 17:46-53 '59.
Using nitrolignin for thinning clay muds. N. A Mariampol'skii, E. P Katenev, L I. Makarova Neftianik 4 no. 12: 8-9 D '59.

OIL WELL DRILLING RIGS
(see also subdivision under Russia, Northern)
Two-diesel drilling rig with a UZTM-5D group drive. L A Lunev Neftianik 4 no 11:19-20 N '59.

OIL WELL LOGGING
Eliminating freezing of logging tools and cable. V. A. IAkovlev Neftianik 4 no 12:5 D '59
Investigating wells with a gradient thermometer. I. Z. Pozin. Razved. i prom. geofiz. no. 32:42-52 '59.
A modernized pickup. IU. F. Marshalkovskii. Razved. i prom. geofiz. no. 31:87-89 '59.

OIL WELL LOGGING, ELECTRIC
General solution of axially symmetric problems in the theory of induction logging V. N. Nikitina Izv. AN SSSR Ser. geofiz. no. 4,607-616 Ap '60.
Use of logging data in studying carbonate profiles. V I. Komarov Razved. i prom. geofiz. no. 32,11-17 '59.

OIL WELL LOGGING, RADIATION
(see also subdivision under Apsheron Peninsula, Carpathian Mountain region)
Cell for the introduction of radioisotopes into the well. S. M. Aksel'rod. Razved. i prom. geofiz. no. 31:89-92 '59.
Determining the height of the rising cement solution in wells by the data of gamma-gamma logging. F. G. Baembitov, IU. A. Gulin, I. G. Diad'kin. Razved. i prom. geofiz. no. 32,38-42 '59.
Effect of cement salinization on estimates of water and petroleum bearing capacity of reservoir strata obtained by neutron logging. I L. Dvorkin, V. V. Larionov. Razved i prom. geofiz. no. 32:36-38 '59.
Estimating errors in measurements made by the method of induced radioactivity. Sh. A. Guberman. Razved. i prom. geofiz no. 32:26-35 '59.
Well effect on the data on neutron-gamma logging in locating the water-petroleum contact. I. I. Dvorkin. Razved. i prom. geofiz. no. 32:17-25 '59.

OIL WELL PUMPS
Increasing the wear resistance of slush pump cylindrical bushings L R. Erukhimovich. Azerb neft. khoz 37 no 6:41-45 Je '58.
New oil field device. Neftianik 3 no. 8:32 Ag '58.
Using drilling hoses for binding slush pumps. N. R. Akopian, A. N. Lobkin. Neftianik 3 no. 9:10 S '58.

OIL WELLS
Simplifying well construction. E. I. Stetiukha. Neftianik 3 no. 9:27-28 S '58.

OIL WELLS—EQUIPMENT AND SUPPLIES
(see also subdivision under Tuymazy region, Bashkiria; United States)
Adapters for drilling columns. A. A. Lepetukhin. Standartizatsiia no. 11,43-44 N '59.
At the All-Union conference on underground and overall repair of wells. M. Saakov. Neftianik 3 no. 8:1-3 Ag '58.
Improvements in work organization of underground repair of wells. G. I. Shakov. Neftianik 3 no. 10,26-27 O '58.
An interesting piece of apparatus. Kh. G. IArullin, B. V. Portnov. Neftianik 3 no. 10,19-21 O '58.
Pipe piston for lowering the fluid level in wells. G. Petkevich. Neftianik 3 no. 8:21-22 Ag '58.
Universal blowout preventer. N. I. Degtev. Neftianik 4 no 11:21-22 N '59.

OIL WELLS—HYDRAULIC FRACTURING
(see also subdivision under Bugul'ma [illegible] A. S. S. R.; Buzovny region)
Chamber for introducing radioactive isotopes [illegible] S N. Sarkisov. Neftianik 4 no 12:20-21 D [illegible]

OIL WELLS—MEASUREMENT see [illegible] Tuymazy region (Bashkiria)

OILS AND FATS
(see also subdivision under Fergana, [illegible] Saratov)
Development of the manufacture of synthetic fat [illegible] stitutes, surface active agents, and [illegible] in the U S S R. and abroad P. V N[illegible] nauka i prom. 4 no. 5:649-651 [illegible]
Drop or melting point. L. D. Sh[illegible] [illegible] 23-25 O '58.
Insure an airtight outlet for fat in filter [illegible] Zarembo. Masl.-zhir. prom. 26 no [illegible]
Machine for making dividers for bottle [illegible] Metelkin. Masl.-zhir. prom. 26 [illegible]
Scientific and Technical Council of the All [illegible] Scientific Research Institute. Masl. [illegible] no. 1:46-47 Ja '60.
Some data for the world production of fats [illegible] "Oléagineux," no 7, 1959) Masl.-zhir. [illegible] no 12:11 '59.
Storage of liquid oils and fats in a [illegible] phere N Kozin, E Sitnikova [illegible] 51-53 Ja '60

OILS AND FATS—ANALYSIS
Changes in the physicochemical properties of [illegible] as related to the age of the pigs N K[illegible] Mias ind. SSSR 30 no. 2:47-48 '59
Effect of different processes on the [illegible] vegetable oils. Report No. 1. N. I K[illegible] nykh. Masl.-zhir. prom. 26 no. 1:[illegible] Ja [illegible]

OILS AND FATS, EDIBLE
Determining the degree of oxidation [illegible] edible fats. I. N Lovachev, B I K[illegible] Kolesnik. Izv. vys ucheb zav., pishch. [illegible] 137-142 '59
Discussing the processing of raw materials [illegible] A Lapshin NTO no. 11 41 N '59
Review of N. I. Kozin's book "Chemistr[illegible] edible fats." Masl.-zhir. prom. [illegible] '60.

OILSEED PLANTS
(see also subdivision under Leningrad Pr[illegible]
New oilseed plants and possibilities for [illegible] S. L. Ivanov, N. I. Sharapov. Trudy [illegible] no. 7:111-114 '59.

OILSEEDS
(see also subdivision under Krasnodar [illegible]
Controlling oil losses in the seed [illegible] P. Tereskikh Masl.-zhir. prom. 25 [illegible] 17 [illegible]

OINTMENTS
Data on the rheological properties of [illegible] summary in English]. G. P. Golodnova [illegible] no. 6:18-24 N-D '59.

OKA TERRACE PRESERVE—THRUSHES
Materials on feeding habits of the song thr[illegible] nesting period [with summary in English] [illegible] sandrova. Zool zhur 38 no 1:[illegible] Ja [illegible]

OKA VALLEY—FERNS, FOSSIL
Find of Azolla interglacialica Nikitin in Qua[illegible] ments in the Oka Valley P. I Dorofeev [illegible] chety per no. 23:87-91 '59

OKHOTSK, SEA OF—COAST CHANGES
Study of shore dynamics and morphology [illegible] Okhotsk and the Sea of Japan. A. I. Vla[illegible] Medvedev. Trudy Okean. kom. no. 4 [illegible]

OKHOTSK, SEA OF—FISHERIES
Man and the sea. V. Aleksandrovskii. Zvezda [illegible] 145 Ja '60.

OLBIA (BORYSTHENES)—ANTIQUITIES
Lapin, V. V. [Olbia; a guidebook to the excav[illegible] museum] Ol'viia; putevoditel' po raskopkam [illegible] Kiev, Akad. nauk USSR. In-t arkheologii, 195[illegible] (MH)

OLBIA (BORYSTHENES)—MORTAR
Experimental analysis of ancient mortars and [illegible] materials. I. I. Znachko-IAvorskii, IA [illegible] Illiminskaia Sov arkheol, no 4 140-152 '59

OLD-AGE HOMES
Editor's mail Sots obesp 20 no 11 61-64 [illegible]
Homes for the aged in foreign countries. [illegible] Gig. i san 24 no. 12,58-62 D '59.

OLD BELIEVERS see subdivision under East Kazakhstan Province

OLD CATHOLIC CHURCH

Old Catholic Churches in 1959. Zhur Mosk. Patr no. 3: 64-69 Mr '60

OLEFINS

Alkylation of simple and compound α-chloro esters by olefins. D S Mekhtiev and others. Dokl AN Azerb SSR 15 no 12:1115-1118 '59

Formation of unsaturated organosilicon compounds in the reaction between silicon hydrides and olefins in the presence of iron pentacarbonyl. R. Kh. Freidlina and others. Dokl AN SSSR 132 no. 2,374-377 My '60

Highly temperature condensation of tetrachloroethylene with aromatic hydrocarbons and olefins. A. D. Petrov, G. I Nikishin, G. V. Somov. Dokl. AN SSSR 131 no. 5: 1098-1101 Ap '60

Interaction between fluoroolefins and hydrazoic acid and the rearrangement of perfluoroalkenylazides. I. L. Knuniants, E. G. Bykhovskaia Dokl AN SSSR 131 no. 6:1338-1341 Ap '60.

Oxidation of olefins by performic acid. A F. Plate, A. A. Mel'nikov, A. A. Ovezova. Zhur. ob. khim. 30 no. 4 1256-1258 Ap '60

Polymerization of olefin hydrocarbons in the intermediate refined fractions of shale tar. R. K. Platonov. Trudy VNIIPS no 4 152-160 '55.

Preparation of polyfluorinated acids and their derivatives from polyfluoroolefins and hydrocyanic acid A. IA. IAkubovich, A P. Sergeev. Khim nauka i prom 4 no. 5 682-683 '59.

Reactions between fluoroolefins and nitrosyl fluoride I L. Knuniants and others. Dokl AN SSSR 132 no 1 123-126 My '60.

Synthesis of cleaning compounds via the sulfonation of olefins by a solution of sulfuric anhydride in liquid sulfurous anhydride. K. V. Puzitskii, IA. T. Eidus, A. IU. Rabinovich. Zhur. prikl. khim. 32 no. 8:1819-1824 Ag '59.

Synthesizing branched olefins via the alkylation of tertiary butyl chloride by β-butylene. M M. Kutsiakh, D M. Rudkovskii, F. A. Eppel'. Zhur. prikl. khim. 32 no. 8:1811-1818 Ag '59.

Thermal telomerization of olefins with silanes. R. Kh. Freidlina and others. Izv. AN SSSR Otd. khim. nauk no. 4:662-666 Ap '60.

OLEIC ACID

Gel-forming capacity of aluminum oleates in benzene. G. V. Beluginn and others. Dokl. AN SSSR 132 no. 2: 380-383 My '60.

OLENEK VALLEY—OSTRACODA, FOSSIL

Lower Jurassic ostracods in the Nordvik and Lena-Olenek regions. O. M. Lev. Sbor. st. po paleont. i biostrat. no. 12:23-49 '58.

OLENEK VALLEY—PETROLEUM GEOLOGY

Oil prospecting in the Lena-Olenek area. V. IA. Kaban'kov. Trudy NIIGA 92:120-133 '58.

OLEOMARGARINE

Compounding the fat base of margarine from dilatometric data for its components. A. G. Stiazhkina Masl.-zhir prom 25 no 12:6-10 '59.

Use of extrusion-type coolers in the manufacture of margarine. L. A. Grauerman, I V. Mikhailova. Masl.-zhir prom. 25 no. 12:30-32 '59

OLIGOCHAETA

Intensity of reproduction in some fresh-water oligochaetes as related to the conditions of existence [with summary in English]. M. M. Korotun. Zool. zhur. 38 no 1:38-43 Ja '59

OLIVE—PHYSIOLOGICAL EFFECT

Effect of galenicals from olive leaves on the cardiovascular system [in Azerbaijani with summary in Russian]. P. A. IUzbashinskaia. Dokl. AN Azerb. SSR 15 no 12:1171-1175 '59.

OLYMPIC GAMES

(see also subdivision under Squaw Valley, Calif.)

Vasil'ev, V. L. [Basketball in the Olympics] Basketbol na olimpiadakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 61 p.

OLYMPIC GAMES (WINTER)

(see also subdivision under Squaw Valley, Calif.)

Four years, five rings... L. Kassil'. Ogonek 38 no. 1: 26-27 Ja '60.

OLYMPIO, SYLVANUS, 1902-

U Nu, Sylvanus Olympio; Benoit Frachon. Nov vrem. 18 no. 20,30-31 My '60

OMENTUM—WOUNDS AND INJURIES

Torsion of the greater omentum. G. L. Mirza-Avakian. Nov. khir. zhur. no. 6:103-105 N-D '59.

OMSK—AERONAUTICS—STUDY AND TEACHING

Upon graduation, join the civil air fleet. S Novikov. Grazhd. av 16 no 12 7 D '59.

OMSK—PETROLEUM REFINERIES

Third anniversary of the Omsk Petroleum Refinery. G. G. Sidorenko. Neftianik 3 no. 10:31 O '58.

OMSK—REVOLUTION, 1917-1921

Chizhov, I. G., and B. V. Kondrikov. [Victory of the socialist revolution in Omsk Province] Pobeda sotsialisticheskoi revoliutsii v Omskoi oblasti. Omsk, Omskii oblastnoi kraevedcheskii muzei, 1958. 83 p.

OMSK—STEAM

Saving steam in an alkylation unit. P. M. Sorokin. Neftianik 3 no. 10:25 O '58.

OMSK PROVINCE—CONSTRUCTION INDUSTRY—ACCOUNTING

Work improvement is the way to reduce personnel B. Shufchuk Sots. trud 4 no 11 137-138 N '59

OMSK PROVINCE—DROUGHTS

Drought resistance of spruce, larch, and pine in plantations of Omsk Province steppe areas. IA. I Chetin. Les. khoz. 12 no. 12:44-46 D '59.

OMSK PROVINCE—LIBRARIES

Compete with the leaders. A. Chistiakov. Bibliotekar' no. 4:23-25 Ap '60.

OMSK PROVINCE—TREES

Drought resistance of spruce, larch, and pine in plantations of Omsk Province steppe areas. IA. I. Chetin Les. khoz. 12 no. 12 44-46 D '59.

ONCOLOGY see subdivision under Moldavia

ONIONS see subdivision under Altai Mountains

ONIONS—VARIETIES

Growing Egyptian onion Allium proliferum. I. A. Veselovskii Vest sel'khoz nauki 1 no 12 129-130 D '59

ONTOGENY

Typed of postembryonic development in birds. N. N. Kartashev. Nauch. dokl. vys. shkoly, biol nauki no. 2: 33-38 '60.

ONTOGENY (BOTANY)

Kazarian, V. O. [Physiological foundations of plant ontogeny] Fiziologicheskie osnovy ontogeneza rastenii. Erevan, Izd-vo AN Armianskoi SSR, 1959. 425 p.

OPEN AND CLOSED SHELVES

Bibliographical aids for open shelves. N. Kanailova. Bibliotekar' no. 5:52-53 My '60.

A drastic change is necessary. O. Chubar'ian. Bibliotekar' no. 4:35-39 Ap '60.

OPEN-HEARTH FURNACES

Complete automatic control of thermal conditions of open hearth furnaces. V. V. Dembovskii, S. B. IUrovetskii. Biul. tekh.-ekon. inform. no. 12,9-11 '59.

Conditions of slag drawing in the scrap and hot metal process. L. S Rybakov Trudy Ural politekh. inst. no. 75:59-81 '59.

New method for simulating the mixing of fuel, air and oxygen in open-hearth furnaces [with summary in English]. S. M. Andon'ev, O. V. Filipp'ev, I. S. Zhitomirskii. Inzh.-fiz. zhur. no. 1:25-29 Ja '60.

Possibility of increasing heat exchanges in steel-smelting furnaces; answering Professor M A. Glinkov. M. A. Semenenko, A D. Kliuchnikov. Izv vys. ucheb. zav.; chern. met. 2 no. 8:181-183 Ag '59.

Readers' response to A. D. Kliuchnikov's article "Method for a comparative evaluation of open-hearth furnace parts." M A Glinkov. Izv. vys. ucheb. zav.; chern. met 2 no. 8:179-181 Ag '59.

Use in open-hearth furnaces of metallurgical magnesite powder with a high content of calcium oxide. V. A. Bron and others. Ogneupory 24 no. 12:553-560 '59.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Motion-picture photography of the fuel oil burner flame in open-hearth furnaces V G. Lisienko, N. I. Kokarev, S. G. Troib. Izv. vys. ucheb. zav.; chern met. 2 no. 8: 127-134 Ag '59

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR see subdivision under Ural Mountain region

OPEN-HEARTH PROCESS

Certain characteristics of chromium-bearing slags produced during the melting stage of the open-hearth process. A. L. Klein, V. A. Startsev, P. V. Umrikhin. Izv vys. ucheb zav.; chern. met. 2 no. 8:45-53 Ag '59.

Effect of early slag formation on hydrogen content in the metal during the open-hearth process. P. V. Umrikhin, K. T. Kurochkin, P. E. Nizhel'skii. Trudy Ural. politekh. inst. no. 75,7-19 '59.

Frothing of open-hearth furnace slags. M. IA. Medzhibozhskii, E. I Korochkin. Izv. vys. ucheb. zav.; chern. met. 2 no. 8:39-44 Ag '59.

Hydrogen behavior in the course of the basic open-hearth scrap process. A. K. Omarov, A. E. Khlebnikov. Izv. vys. ucheb zav., chern. met. no. 4 66-74 '60

Interaction between the carbon of metal baths and the hearth of basic open-hearth furnaces. V. A. Startsev, P. V. Umrikhin. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:53-59 S '59.

Peculiarities of phosphorus oxidation during the fusion of the burden in the scrap and hot metal process. V I D'iachkov. Trudy Ural. politekh inst no 75:42-58 '59

Phosphorus oxidation during the fusion of the burden in the scrap and pig process V. I D'iachkov Trudy Ural politekh inst no 75:26-41 '59

OPERA see subdivision under Berlin, East, Georgia; Moscow, Prague

OPERATORS (MATHEMATICS)

Branching equations and Newton's diagram. V. A. Trenogin. Dokl. AN SSSR 131 no. 5,1032-1035 Ap '60

Condition for conservation of the relationship of order for operators by monotonous functions. P. N. Kniazev. Usp. mat. nauk 14 no. 5 141-146 S-O 59.

Discrete part of the spectra of Schrodinger and Dirac operators [with summary in English] M Sh. Birman Vest. LGU 15 no. 7:167-166 '60.

Evaluation of the resolvents of singular elliptic operators. A G. Kostiuchenko. Dokl AN SSSR 132 no 1:32-35 My '60

Formulas for traces in the case of Sturm-Liouville's differential singular operator. V S Buslaev, L D Faddeev Dokl. AN SSSR 132 no. 1 13-16 My '60

Multivalent linear operators in a locally convex space. V. A. Shchel'nov Dokl AN SSSR 132 no. 1 75-77 My '60

Operator derived from an ultrahyperbolic differential expression IU. M Berezanskii Ukr mat zhur. 11 no 3 315-321 '59.

Riesz-Schauder operators. M. A. Gol'dman, S. N. Krachkovskii. Usp. mat. nauk. 14 no. 6:159-164 N-D '59.

Scope of the concept of a u_0-concave operator M A Krasnosel'skii, L A Ladyzhenskii Izv vys uchen zav., mat no 5 112-121 '59

Theory of the extension of J-symmetrical operators (with summary in English) N A. Zhikhar'. Ukr. mat. zhur 11 no. 4:352-365 '59

OPHTHALMOLOGICAL SOCIETIES see subdivision under Chernovtsy; Dnepropetrovsk, Kharkov, Poltava; Stanislav

OPHTHALMOLOGY

(see also subdivision under China)

Interprovince conference on research and practice of ophthalmologists of Nikolayev, Kherson, and Crimea Provinces. E Proskuriakova Oft. zhur. 14 no. 8: 502-506 '59.

Radioactive isotopes in ophthalmology, a survey review of the literature. O. B. Chentsova. Vest oft. 72 no. 4 55-58 Jl-Ag '59

Resolutions adopted at the scientific session and republic conference. Oft. zhur. 14 no. 7:444-447 '59.

Review of George Arrington's book "History of ophthalmology." S. G. Magil'nitskii. Vest. oft. 72 no 4 59-62 Jl-Ag '59.

OPHTHALMOLOGY—CONGRESSES

Impressions of the First Maghreb Ophthalmological Congress [in Azerbaijani with summary in Russian]. U. Kh. Musabeili. Azerb. med. zhur no. 11:93-98 N '59

OPTIC NERVE—ABNORMITIES AND DEFORMITIES

Rare case of twin vascular infundibula on the papilla of the optic nerve. K. G. Spitsyn-IAkubovskii. Vest oft 72 no. 4:15-46 Jl-Ag '59.

OPTIC THALAMUS

Functional state of the kidneys in blood transfusion in dogs with a damaged thalamohypothalamic region [with summary in English, p. 57]. I. I. Zaretskii, I. A. Mikhailova, N. S. Rozanova. Probl. gemat. i perel. krovi 4 no. 12:34-37 D '59.

Physiology of the optic thalamus [with summary in English, p 60]. B. N. Klosovskii, N. S. Volzhina, G. A. Vasil'ev. Vop. neirokhir. 23 no. 6:1-6 N-D '59.

OPTICAL MEASUREMENTS

Generalization of the theory of G. V. Troitskii's method of recording the composition of a mixture by optical means [with summary in English]. IA. M. Bikson. Koll. zhur. 21 no. 6:642-644 N-D '59.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, GEOMETRICAL

Rusinov, M. M. [Dimensional calculation of optical systems] Gabaritnyi raschet opticheskikh sistem. [n.p.] Izd-vo geodez. lit-ry, 1959. 257 p.

ORBELI, LEON ABGAROVITCH, 1882-1958

Leon Abgarovitch Orbeli. Fiziol. zhur. SSSR 45 no. 7: 749-752 Jl '59.

ORBIT (EYE)—SURGERY

New modification of Krönlein's operation [with summary in English]. I. N. Shevelev. Vest. oft. 72 no. 4:43-46 Jl-Ag '59.

ORBIT (EYE)—TUMORS

Chloroma of the orbit [with summary in English]. P. I. Lebekhov. Vest. oft. 72 no. 4:50-53 Jl-Ag '59.

Shikhinashvili, N. IA. [Tumors of the orbit] Opukholi glaznitsy. Tbilisi, Gruzmedgiz, 1956. 27 p. (DNLM)

ORBIT (EYE)—WOUNDS AND INJURIES

Favorable outcome of a serious injury of the orbit. I. A. Gusev. Vest. oft 72 no 4 47-49 Jl-Ag '59

ORDZHONIKIDZE, GRIGORII KONSTANTINOVICH, 1886-1937—FICTION

We will be just like you, Sergo! ("Caucasian legends" by R M Fatuev Reviewed by T Semushkin) Moskva 3 no. 9 201 '59

ORDZHONIKIDZE—TOY INDUSTRY

The enterprise has grown and so did the people. V. Bilaonova. Prom. koop. 13 no. 12:7 D '59.

ORE CARRIERS see subdivision under Great Britain

ORE DEPOSITS

(see also subdivision under Lisakovka, Kustanay Province; Nerchinsk; Pyshma; Soviet Central Asia, Ural Mountains)

Determining the indices for the degree of investigation of a deposit and errors of analogy by the method of second-order differences A I Volkov Izv vys ucheb zav, gor zhur no 6 9-13 '59.

Saipaeva, T. A. [Genetic characteristics of deposits of the copper sandstone type in connection with the mineralogical composition of their ores] Geneticheskie osobennosti mestorozhdenii tipa medistykh peschanikov v sviazi s mineralogicheskim sostavom ikh rud. Otv. red. I. I Bok. Alma-Ata, Izd-vo Akad nauk Kazakhskoi SSR, 1958. 240 p.

Tanatar, I. I. [Principles of the theory of ore deposits] Osnovy ucheniia o rudnykh mestorozhdeniiakh. Khar'kov, Izd-vo Khar'kovskogo gos. univ im. A. M. Gor'kogo, 1959. 291 p.

ORE DRESSING

(see also subdivision under Kirovgrad, North Kazakhstan Economic region, United States)

Chemism of sulfidizing in shaft furnace smelting of oxidized nickel ores A V. Vaniukov, I. Montil'o Izv. vys. ucheb zav, tsvet. met. 2 no 6:66-75 '59

Dressing of oxidized nickel ores. G. A. Khan, A. I. Zarakhani. TSvet. met. 32 no. 11:18-25 N '59.

Effect of temperature on the rate of chlorinating magnesium oxides in fused chlorides. A. V. Serebriakova, P. A. Pazdnikov Trudy Inst. met. UFAN SSSR no. 3: 111-119 '59.

Evsiovich, S. G. [Ore dressing in heavy suspensions] Obogashchenie rud v tiazhelykh suspenziiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 290 p.

Feasibility of Nerchinsk deposit ore dressing in heavy suspensions S V Bessonov, I M Kulikov Izv. vys ucheb zav., tsvet. met. 2 no 6:47-51 '59.

Germanium behavior in the process of coal chlorination. N. S. Vorob'eva, E. A. Zimakova, B. I. Losev. Izv. AN SSSR. Otd. tekh. nauk Met. i topl. no. 2:144-145 Mr-Ap '60

Increasing the secondary concentration of scheelite and powellite. S. F. Kuz'kin, I I Berlinskii. Izv vys. ucheb. zav., tsvet met 2 no. 6:52-59 '59.

Introducing automatic control in ore-dressing plants. K. B. Rozhkov. TSvet. met. 32 no. 11:1-7 N '59.

Introducing automatic control of continuously operating laboratory ore dressing plants S I. Pol'kin and others Izv vys. ucheb zav, tsvet. met. 2 no 6:35-48 '59.

Reduction and sulfidized roasting of oxide nickel ores in a fluidized bed. D. I Lisovskii, N S. Krysenko Izv vys ucheb, zav., tsvet met 2 no 6:60-65 '59

Selecting the most economically satisfactory limit of dressing Gornaya Shoriya iron ores. N. S. Sachko, I. G. Mikhailov, N. A. Shiriro. Izv. vys. ucheb zav.; chern. met. 2 no. 9:179-187 S '59.

Sulfidizing of magnetite. N. G. Moleva, P. S. Kusakin. Trudy Inst. met. UFAN SSSR no. 3:15-19 '59.

Technology of Udokan deposit copper ore dressing. A. I. Izmodenov, S. L. Rokhlin, G. I. Demidovich. TSvet. met. 32 no. 12:19-22 D '59.

Transform into reality the historical decisions of further technical progress in all branches of national economy. A. E. Tropin. Izv. vys. ucheb zav, gor. zhur. no 7 3-7 '59

Use of piezometric regulators of pulp density at the Krivoy Rog Southern Mining and Ore-Dressing Combine. P. N. Dutchenko. Gor. zhur. no. 1:78-79 Ja '60.

ORE DRESSING—EQUIPMENT AND SUPPLIES

Constructing a sink pit 40 m in diameter. K. P. Salamov. Osn., fund. i mekh. grun. no. 6:17-18 '59.

Dynamics of water and air supply systems in plungerless jigs. E. E. Rafales-Lamarka, V. I. Suliga. Izv. vys. ucheb. zav., gor. zhur. no. 2:130-136 '59.

Plaksin, I. N., and others. [Atlas of the industrial equipment of ore dressing plants] Atlas tekhnologicheskogo oborudovaniia obogatitel'nykh fabrik. Pod obshchei red. I. N. Plaksina Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 234 p.

ORE HANDLING

"Chute loading in underground mining" by L. I. Baron, E. A Simonian Reviewed by A. V. Kulikov, K. I. Bakhurin, V. V. Kulikov. Gor. zhur. no. 1:79-80 Ja '60

Transportation by helicopters out of deep pits. M. V. Vasil'ev. Izv vys ucheb zav.; gor zhur. no. 3:99-104 '59

OREDEZH VALLEY—PASTURES AND MEADOWS

Meadow-steppe elements in the flood plain of the Oredezh River in Leningrad Province. A. S. Rodionova. Bot. zhur. 44 no. 12:1734-1736 D '59.

OREKHOVO-ZUYEVO—FLY CONTROL

"Organization of sanitary cleaning operations and fly control in the city of Orekhovo-Zuyevo" by V. P. Derbeneva-Ukhova and others Reviewed by E. S Smirnov.

OREL—INFLUENZA

We struggle with combined forces. L. Mamaeva. Okhr. truda i sots strakh. no. 12:35-37 D '59.

OREL—LABOR AND LABORING CLASSES—MEDICAL CARE

We struggle with combined forces. L. Mamaeva. Okhr. truda i sots. strakh. no. 12:35-37 D '59

ORENBURG—KNIT GOODS INDUSTRY

Improve the quality and widen the selection. A. Zhiliaev. Prom. koop. 13 no. 12:10 D '59.

ORENBURG PROVINCE—AGRICULTURE

Rural toilers should work more effectively. P. Aleksiuk. Mol. komm. no. 12:37-44 D '59.

ORENBURG PROVINCE—CHEMICAL INDUSTRIES

Development of the chemical industry in Orenburg Province. L. E Olifson. Khim nauka i prom 4 no. 5: 671-672 '59.

ORENBURG PROVINCE—DROUGHTS

Collective and state farms of Orenburg Province are using advanced cultivation practices in drought control. V. T Riazanov Zemledelie 8 no. 1 26-28 Ja '60

ORENBURG PROVINCE—SHEEP

Urgent problems in the development of sheep raising. G I. Voronov. Sel'khoz. Povol. 5 no 11:16-21 N '59.

ORENBURG PROVINCE—SOVIETS

It isn't a problem of a little importance. S. Bardin. Sov. deput. trud. no. 12:90-91 D '59.

ORES—SAMPLING AND ESTIMATION

Determining the economic efficiency of mining new, small iron ore deposits. P V. Vaganov, A. N Ikonnikov, V P. Kompaneets. Izv. vys. ucheb. zav., gor. zhur no. 3:12-25 '59.

Increasing the production of low-grade ores is an additional potentiality for the Krivoy Rog Basin. P. I. Kudriashev. Gor. zhur. no. 1:40-41 Ja '60.

Sampling control in the Pyshma deposit mines. D. L. Poskotin, P. N. Pasenko. Izv. vys. ucheb. zav., gor. zhur. no. 2:44-53 '59.

ORES—SPECTRA

Quantitative spectrum analysis of ores, involving the introduction of test samples into the electric arc by means of an air stream. IA. D. Raikhbaum, M. A. Luzhnova. Zav. lab. 25 no. 12:1449-1453 '59.

ORESUND—ICE

Variation of ice conditions in the Baltic Sea and the straits of Denmark. V. V. Betin, IU. V. Preobrazhenskii. Trudy GOIN no. 37:3-13 '59.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

D. I. Mendeleev's periodic system of elements and organic chemistry. A. N. Nesmeianov. Usp. khim. 28 no. 10: 1164-1200 O '59.

Major contribution to the development of the chemistry of elementoorganic compounds and organic chemistry; On the 60th anniversary of Academician A. N. Nesmeianov's birth. R. Kh. Freidlina, M. I. Kabachnik, V. V. Korshak. Usp. khim. 28 no. 10:1135-1163 O '59.

Self-ignition of liquids in contact with sodium peroxide. N. Bubur' Pozh delo 5 no. 11:10 N '59.

ORGANIC COMPOUNDS—THERMAL PROPERTIES

Heat conductivity of some organic liquids. V. P. Frontas'ev, M. IA. Gusakov. Zhur tekh fiz. 29 no. 10:1277-1284 O '59.

ORGANIC MATTER see subdivision under Caspian Sea; Pacific Ocean

ORGANOMETALLIC COMPOUNDS

Colored compounds of metals with hydroxyanthraquinones. A. K. Babko, T. N. Nazarchuk. Rab. po khim. rastv. i kompl. soed. no. 2 199-215 '59.

Fluorinated ketones. Report No. 1: Perfluoroacetone and its reactions with alcohols, organometallic compounds and compounds containing a labile hydrogen atom. I. L. Knuniants, Ch'en Ch'ing-yun, N. P. Gambarian. Izv. AN SSSR Otd. khim. nauk no. 4:686-692 Ap '60.

Study of the relative reactivity of the multiple [illegible] organometallic compounds of group IV, using the method of rhodanic numbers. A. A. Bugorkova, V. F. Mir[illegible] A. D. Petrov. Izv. AN SSSR Otd. khim. nauk. no. 3:474 [illegible] '60.

Two books on organometallic compounds. Khim [illegible] prom. 4 no. 5:673-674 '59.

ORGEYEV DISTRICT—DIPHTHERIA—PREVENTIVE INOCULATION

Organization of inoculations against diphtheria [illegible] trict. A. V. Levitskii. Zdravookhranenie [illegible] S-O '59.

ORIENTAL STUDIES

Brief news. Probl. vostokoved. no 2:216-221 [illegible]

The countries of the East in the "Soviet Historical Encyclopedia." E. A. Belinev. Probl. vostokoved. no. 2:212-213 '60

In the Institute of Oriental Studies. Izv AN [illegible] obshchestv. nauk no. 6:74 '59

ORIENTATION

(see also subdivision under Gatchina District)

Typological peculiarities of the orienting reflex [illegible] [with summary in English] I. G Voronin [illegible] lov, U Pao-hua. Vop. psikhol. 5 no. 6 [illegible]

ORIGIN OF MAN see Man—Origin

ORLOV, IVAN VASIL'EVICH, 1899-

Ivan Vasil'evich Orlov; on his 60th birthday. [illegible] i paraz bot. 28 no 5:637 S-O '59.

ORLOV PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Socialist pledge of chief bookkeepers of collective farms in Orlov Province. Uchet i fin v kolkh [illegible] no. 2:8-9 F '60.

ORNAMENTAL PLANTS see Plants, Ornamental

ORNITHOLOGY—CONGRESSES

Second All-Union Ornithological Conference [illegible] skii. Nauch. dokl. vys. shkoly; biol. nauki [illegible] '60.

ORPHANS AND ORPHANAGES see subdivision under Ryazan Province

ORSHA—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Let's finish what we have begun. [illegible] rin, K. Suvorov. Okhr. truda i sots. strakh. [illegible] 39 D '59.

ORSK—PACKING HOUSES—EQUIPMENT AND SUPPLIES

Device for lowering carcasses. V. Safronov. [illegible] SSSR 30 no. 2:42 '59.

ORTHODOX EASTERN CHURCH

(see also subdivision under Europe, Western; Hungary; Kirghizistan; Moscow; North America)

What is the Orthodox Church. M. Kopanytsia. [illegible] zhyttia 9 no. 12:51-54 D '59.

ORTHODOX EASTERN CHURCH—CLERGY

(see also subdivision under Bulgaria; Riga)

Edict of His Holiness Patriarch Aleksii [illegible] Zhur. Mosk Patr. no. 3:0 Mr '60.

Obituary. Zhur. Mosk. Patr. no. 3:15 Mr '60

Prelatic activities. Zhur. Mosk. Patr. no 3:16 Mr '60

ORTHODOX EASTERN CHURCH—PERIODICALS see subdivision under Bulgaria; Yugoslavia

ORTHODOX EASTERN CHURCH—RELATIONS

Answering telegram from Basilius, Patriarch of [illegible] of Ethiopia, to His Holiness Patriarch Aleksii. Zhur. Mosk. Patr. no. 3 3 Mr '60.

Congratulations from His Holiness Patriarch Aleksii to Catholicos-Patriarch Efrem on the occasion of his election as head of the Georgian Orthodox Church. Zhur. Mosk. Patr. no 3:3 Mr '60.

Greeting from Iustinian, Patriarch of Rumania, to Patriarch Aleksii on the occasion of the 15th anniversary of his enthronization Zhur. Mosk. Patr. no 3 [illegible]

Greetings received by His Holiness Patriarch Aleksii on the occasion of his name day. Zhur. Mosk Patr. [illegible] 4-7 Mr '60.

Letter of thanks from Mr. Getakhun Tesemma, Ambassador of Ethiopia to the U.S.S.R., addressed to Metropolitan Nikolai. Zhur. Mosk. Patr no. 3 6 Mr '60.

Name day greetings from His Holiness Patriarch Aleksii and Metropolitan Nikolai to the Most Holy Makarios, Archbishop of Cyprus. Zhur. Mosk. Patr no 3 5 Mr '60.

ORTHODOX EASTERN CHURCH, RUSSIAN see subdivision under Jerusalem

ORTHOPEDIA

Information bulletin of the Central Institute of Prosthetic Research of the Ministry of Public Health of the R.S.F.S.R." Reviewed by V. A. Bankin, [illegible] Ortop., travm i protez. 20 no. 4:82-84 Ap '59

ORTHOPEDIC APPARATUS

Development of gliding apparatus for the lower limb. F.R.Bogdanov, V.I.Fishkin Ortop., travm i protez 20 no 4 64-66 Ap '59

Metal lock for coaptation and extramedullary fixation of fragments of long tubular bones. Kh S. Rakhimkulov. Vest. khir. 83 no.11 120-122 N '59.

ORTHOPEDIC SOCIETIES

Reports on meetings of societies of traumatologists and orthopedists Ortop , travm. i protez 20 no. 4 85-91 Ap '59

OSCILLATIONS

Forced oscillations in a circuit in which the capacity varies in a random manner. IU E.D'iakov. Radiotekh. i elektron. 5 no.5:863-865 My '60.

Longitudinal waves in a nonisothermal plasma. B.N. Gershman. Izv. vys. ucheb. zav., radiofiz. 2 no. 4 654-656 '59.

Remarkable book ("Mechanical oscillations and their role in technology" by D.V.Vainberg, G.S.Pisarenko). Znan. sila 34 no.11.48 N '59.

Transient processes in electric power systems as a problem in the general theory of oscillations. N.A. Kartvelishvili Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. no.12-13-19 Mr-Ap '60.

OSCILLATIONS—MEASUREMENT

Instrument for measuring small amplitudes of oscillations. K V Chernyshev Prib i tekh eksp. no. 6:99-103 N-D '59

OSCILLATORS, CRYSTAL

Effect of the loading of quartz resonators on the frequency stability of quartz oscillators. G.B. Al'tshuller. Radiotekhnika 14 no. 12:45-49 D '59.

Temperature compensation circuit with two quartz crystals A.L. Zinov'ev. Trudy MEI no. 31:148-170 '56.

OSCILLATORS, ELECTRIC

Calculation of the generation of oscillations in self-oscillators. M.V. Blagoveshchenskii. Trudy MEI no. 31: 5-13 '56.

Influence of the flicker effect on the line width of a self-oscillator V.S. Troitskii Izv. vys ucheb. zav , radiofiz. 2 no. 4 573-580 '59.

Investigation of a junction transistor blocking oscillator. V.D. Ivanov. Sbor. stud. nauch rab LEIS no 1 24-31 '59

Investigation of parasitic phase modulation of the output voltage of an amplifier and locked oscillator in the presence of sinusoidal interference K.A. Samoilo. Trudy MEI no. 31:44-54 '56.

OSCILLATORS, ELECTRON-TUBE

Calculation of ultrashort wave electron-tube autooscillators with external excitation. N.I. Shtein. Trudy NIIGMP no. 8:99-110 '59.

Current stabilization in the load of the electron-tube oscillator. N.I. Shtein. Trudy NIIGMP no. 8:111-119 '59.

OSCILLATORS, TRANSISTOR

Investigating resistor-capacitor oscillators of sinusoidal oscillations using transistors. V.L Khar'kov. Trudy TSNII MPS no 173 134-144 '59

OSCILLOGRAPH

Electronic oscillograph with pulse feed. E.P. Baldin. Sbor. nauch trud. IEI no. 8-267-277 '58.

Oscillograph EO-7 used as an electrocardioscope. M.I. Bulankin. Fiziol. zhur. SSSR 45 no. 7:880-887 Jl '59.

Portable pneumatic oscillograph and small (portable) mechanical cardiograph. S.T. TSukkerman. Izv. vys. ucheb. zav., prib. no. 3-57-63 '59.

OSCILLOGRAPH, CATHODE RAY see Cathode ray oscillograph

OSCILLOGRAPHY

Use of loop oscillographs in investigating shutters of aerial cameras. V.IU. Torochkov. Trudy MIIGAIK no. 22:53-60 '56.

OSH PROVINCE—SPIROCHETOSIS

Argasid ticks and foci of tick-borne spirochetosis in Osh Province, Kirghizistan. M.V. Pospelova-Shtrom, A A. Tagil'tsev. Trudy. Inst. zool. i paraz. AN Kir. SSR no. 7: 203-209 '59.

OSMOSIS

Osmoreceptors of the liver. L.K. Velikanova, IA.D. Finkinshtein. Fiziol. zhur. 45 no. 12:1472-1476 D '59.

OSSETES

Materials on the study of the history of the Ossetes. M.S. Tuganov. Izv. IUgo-Oset. nauch.-issl. inst. no 9:81-92 '58.

OSSETES—MARRIAGE CUSTOMS AND RITES

On marriage and wedding ceremonies of the northern Ossetes in the 19th and beginning of the 20th century. N.F. Takoeva. Krat. soob. Inst. etn. no. 32:23-29 '59.

OSSETIA

Akademiia nauk Gruzinskoi SSR, Tiflis. IUgo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [The South Ossetian Autonomous Province] IUgo-Osetinskaia avtonomnaia oblast'. Stalinir, Gosizdat, IUgo-Osetii, 1959. 96 p.

OSSETIA—AGRICULTURE, COOPERATIVE

Simplest types of agricultural crop cooperative in southern Ossetia B.Z. Pliev Izv IUgo-Oset. nauch -issl inst no 9-93-131 '58

OSSETIA—CORN (MAIZE)

Corn growing in southern Ossetia. O.G. Parastaeva-Gagloeva Izv IUgo-Oset. nauch.-issl inst no. 9:347-395 '58.

OSSETIA—ECONOMIC CONDITIONS

Chibirov, Kh. T. [Northern Ossetia in the fraternal family of U.S.S.R. peoples] Severnaia Osetiia v bratskoi sem'e narodov SSSR. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1956. 46 p.

OSSETIA—EDUCATION

Cherdzhiev, Kh. S. [Outline history of public education in Northern Ossetia] Ocherki po istorii narodnogo obrazovaniia v Severnoi Osetii, Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1958. 89 p.

A history of the development of public education in southern Ossetia since the establishment of the Soviet regime. P.IU Gadiev Izv. IUgo-Oset nauch -issl inst no 9 3-80 '58.

OSSETIA—GLACIAL EPOCH

Pliocene glaciation of the Ossetian plain. E.M. Velikovskaia. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9 45-54 S '59.

OSSETIA—INDUSTRIES

Struggle of the industrial workers of southern Ossetia for the fulfillment of the fourth five-year plan. I.N. TSkhovrebov Izv. IUgo-Oset nauch -issl. inst no 9 132-156 '58

OSSETIA—NEW YEAR

The elements of the "Nog bon" celebration. Z.D. Gagloeva. Izv IUgo-Oset nauch -issl. inst no 9:157-184 '58

OSSETIA—REVOLUTION, 1917-1921

Totoev, M.S. [Outline history of revolutionary movement in Northern Ossetia, 1917-1920] Ocherk istorii revoliutsionnogo dvizheniia v Severnoi Osetii, 1917-1920 gg. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1957. 176 p.

OSSETIA—ROSES

Chemical composition of the fruit of wild roses in the North Ossetian A.S.S.R. V.A. Bunakov. Nauch. dokl. vys. shkoly; biol. nauki no. 2:144-147 '60.

OSSETIC LANGUAGE—ALPHABET

Ossetic book written in the Arabic script. Z.G. Fidarova. Izv IUgo-Oset nauch.-issl. inst no. 9:453-454 '58.

OSSETIC LANGUAGE—DICTIONARIES

Nicolas Vitsen's Ossetic dictionary. R. Sikoev. Izv. IUgo-Oset. nauch.-issl. inst. no. 9:445-452 '58.

OSSETIC LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.

Ossetic words in the "Dictionary of comparative world languages and dialects." R. Sikoev. Izv IUgo-Oset nauch.-issl. inst no. 9:427-444 '58.

OSSETIC LANGUAGE—MOOD

The particle "IU" and the future imperative mood. A.T Agnaev. Izv. IUgo-Oset. nauch.-issl. inst. no. 9:415-422 '58.

OSSETIC TALES see Tales, Ossetic

OSSIFICATION

Al'bitskii, B.A. [Materials on the problem of heterotopic bone formation and the stimulation of osteogenesis; clinical and experimental investigation] Materialy k voprosu o geterotopicheskom obrazovanii kosti i stimuliatsii kosteobrazovaniia; klinicheskoe i eksperimental'noe issledovanie. Tomsk, Izd-vo Tomskogo univ., 1959. 246 p.
(DNLM)

Case of early formation of bone tissue in the postoperative scar. G.F. Gorburov. Nov. khir zhur. no. 6:101-102 N-D '59.

OSTANKINO—BREWING INDUSTRY—HYGIENIC ASPECTS

Preventive medicine is most important. F. Ivanovskaia. Okhr. truda i sots. strakh. no. 12:24-26 D '59.

OSTANKINO—MEAT INDUSTRY—HYGIENIC ASPECTS

Factory committee and a clinic. K. Skvortsov. Okhr. truda i sots. strakh. no. 12:22-24 D '59.

OSTRACODA see subdivision under Stalinabad District

OSTRACODA, FOSSIL

(see also subdivision under Chelyabinsk Basin; Kazakhstan; Lena Valley; Nordvik region; Olenek Valley; Russian Platform; Soviet Central Asia, Transcarpathia)

OSTRAVA, CZECHOSLOVAKIA—METALLURGICAL PLANTS

Ostrava is Czechoslovakia's Donets Basin. Tekh mol. 27 no. 12.29 '59.

OSTRICHES, FOSSIL see subdivision under China

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936

Lohvynenko, Mykhailo. [Nikolai Ostrovskii's newspaper work] Publitsystyka Mykoly Ostrovs'koho. Kyiv, Derzhlitvydav Ukrainy, 1959. 169 p.
(MH)

OSWIECIM (CONCENTRATION CAMP)

Kraus, Ota, and Erich Kulka. [Factory of death. Translated from the Czech] Fabrika smerti. Moskva, Gos. izd-vo polit. lit-ry, 1960. 294 p.

OTOLARYNGOLOGICAL SOCIETIES

(see also subdivision under Leningrad; Moscow)

Report on the activities of the administration of the All-Russian Medical Society of Otorhinolaryngologists in 1958. I.A. Lopotko, Z.E. Motuzenko. Vest. otorin 21 no. 6:94-101 N-D '59

OTOLARYNGOLOGY

(see also subdivision under China)

There will be a "sputnik" of otolaryngologists! A.S. Tokman Zhizn' glukh. 12 no. 12:21 D '59.

OUTER SPACE

International cooperation for the peaceful uses of the outer space. A. Nikolaev. Mezhdunar. zhizn' 7 no. 5 107-113 My '60.

OUTER SPACE—EXPLORATION

Flight into the cosmos. A Deich. Zvezda no. 1-126-133 Ja '60.

OVARIES—TUMORS

Clinical aspects and diagnosis of tumors of the ovaries in childhood [with summary in English]. M.P. Maurina Akush. i gin 35 no. 6 88-91 N-D '59.

Clinical aspects, diagnosis and treatment of ovarian tumors. L.A. Solov'eva. Vop. okh. mat. i det. 4 no. 6: 49-53 N-D '59.

Therapy of ovarian cysts in pregnancy [with summary in English]. A.M. Agaronov. Akush. i gin. 35 no. 6 91-95 N-D '59.

OVRUCH—QUARTZITE

Production of coke dinas bricks using finely ground Ovruch quartzite. D.I. Pankratov, N.Z. Belobragin, I.E. Koisman. Ogneupory 24 no. 12:538-541 '59.

OVUM

Mechanical strength of anchovy eggs and reproduction characteristics related to it. IU. P. Zaitsev. Vop. ikht. no 12:89-91 '59.

Studying the decomposition of egg membranes in the fall-spawning keta of the Amur River. M L Krykhtin, A A. Zhirnova. Vop. ikht. no. 12:101-106 '59.

OWEN, ROBERT, 1771-1858

The Utopian communism of Robert Owen and the Chartist movement [with summary in English]. A.M. Deborin. Vest. ist. mir. kul't. no. 6:3-16 N-D '59.

OWLET MOTHS see subdivision under Caucasus

OWLS

Studying the biology of Scops owl during the feeding period of the nestlings. D.V. Ternovskii, IU.G. Ternovskaia. Izv. Sib. otd. AN SSSR no. 11-81-89 '59.

OXALIC ACID

The system $InCl_3 - H_2C_2O_4 - H_2O$. E.N. Deichman. Zhur. neorg. khim. 4 no. 11:2617-2622 N '59.

OXAMIDE

Substituted aryl amides of dithiocarboxylic acids. Part 1: Synthesis of alkoxy-substituted N-phenyldithiooxamide. A.D. Grabenko, P.S. Pel'kis. Zhur. ob. khim. 30 no. 4: 1222-1226 Ap '60.

OXAZINE—SPECTRA

Absorption spectra of crystals of some triazine and oxazine dyes. N.M Melankholin. Opt. i spektr. 7 no. 4: 498-504 O '59.

OXIDATION

Air oxidation of cobalt and of an alloy of iron with a 13% cobalt content. V.V. Ipat'ev, V.F. Nizhel'skii, M.G. Vladimirova. Trudy LTA no. 80 pt. 2:47-56 '58.

Effect of solutions of certain inorganic and organic substances on the rate of sulfide ore oxidation. F.N. Pavlov, N.P. Diev, V.G. Pliusnin. Trudy Inst. met. UFAN SSSR no. 3:9-14 '59.

Effect of the alkali contained in a catalyst on the rate of oxidation of paraffin by atmospheric oxygen A.A. Perchenko Masl -zhir. prom. 25 no. 12 12-15 '59.

OXIDATION (Continued)

Kinetics of the consumption of the inhibitor in the oxidation of rubber by oxygen. T.S.Kazak, M F IArmolenka Vestsi AN SSSR Ser. fiz.-tekh.nav. no 4 42-46 '59.

Kinetics of the oxidation of liquid paraffins in the presence of a K - Mn catalyst. B G Freidin Zhur prikl. khim 32 no 8 1849-1851 Ag '59

Kinetics of the oxidation of natural rubber in the presence of the inhibitor oxinone N.F.Ermolenko, T.S.Kazak. Dokl AN BSSR 3 no.11:442-444 N '59.

Latest development in the preparation of primary alcohols and their derivatives by the direct oxidation of short-chain n-paraffins V K TSyskovskii, E M Nebylova, S S Nazarova Masl -zhir prom 25 no 12 16-20 '59

Mechanism and kinetics of the oxidation of tin sulfide by atmospheric oxygen. D N.Klushin, O.V Nadinskaia. Zhur prikl khim. 32 no 8 1729-1737 Ag '59

Mechanism and kinetics of the oxidation of tin sulfide by oxygen. D.N Klushin, O V Nadinskaia. Zhur. prikl. khim 32 no 8:1860-1863 Ag '59.

Oxidation of lignin by oxygen in an alkaline medium. V M.Nikitin, A V.Obolenskaia Trudy LTA no 80 pt.2 65-75 '58.

Oxidation of paraffins in a foaming state. V.V.Nesmelov and others. Masl.-zhir prom. 26 no.1.15-18 Ja '60.

Oxidation of tar in the foam state F. P Khropatyi. Neftianik 4 no 12:14-15 D '59

Resistance to scaling in nickel-aluminum-chromium, ternary system, alloys. A.S Tumarev, L.A.Paniushin Izv.vys.ucheb.zav., chern met. 2 no.9:125-131 S '59

Role of the biological factor in the oxidation of sulfur compounds of the Rozdol bed [with summary in English]. G.I.Karavaiko. Mikrobiologiia 28 no.6:846-850 N-D '59.

Role of the pressure in the gas phase oxidation of hydrocarbons [with summary in English] A S Badrian, N S Enikolopian, M S Furman Zhur fiz khim. 33 no 12: 2687-2696 D '59

Zeinalov, B.K. [Kinetics and mechanism of oxidation of the paraffinic distillated and practical uses of the oxidation products] Kinetika i khimizm okisleniia parafinistogo distilliata i ispol'zovanie produktov okisleniia v praktike. Baku, Izd-vo Akad nauk Azerbaidzhanskoi SSR, 1959 253 p.

OXIDATION, ELECTROLYTIC

Electrolytic oxidation of aluminum alloys. V.M.Kochegarov. Izv.vys.ucheb.zav.;khim.i khim.tekh. 2 no.6: 910-919 '59.

OXIDATION, PHYSIOLOGICAL

Activity of oxidizing and reducing enzymes and resistance of potatoes to functional diseases due to the effect of gamma radiation E.N.Mukhin. Dokl.AN SSSR 131 no 5:1177-1180 Ap '60.

Changes with age in the oxidation of fatty acids in the liver of white rats and the effect produced on these processes by the somatotropic hormone of the pituitary body [with summary in English] A O Pashkova Ukr biokhim zhur. 31 no 5 735-744 '59

Effect of glycerol and α-glycerophosphate on ketogenesis and oxygen consumption in the rabbit liver [with summary in English] M D Kurs'kyi. Ukr biokhim zhur 31 no 5 725-734 '59

Oxidation-reduction processes in patients with presenile psychosis N I Ignatova. Vrach delo no 11 1177-1181 N '59.

Thermoregulating disunion of respiration and phosphorylation. S.E.Severin and others. Dokl.AN SSSR no.6:1447-1450 Ap '60

OXIDATION-REDUCTION REACTION

Effect of oxidation - reduction systems on the thermooxidizing plasticization of butadiene - nitrile rubbers. E IA. Devirts, A.S Novikov. Kauch.i rez. 18 no.11:17-20 N '59

OXIDES

Synthesis of some λ-oxides of the acetylene series. T.Ilomets. Zhur.ob.khim. 30 no.4:1194-1195 Ap '60.

Synthesis of some N-oxides of aliphatic-aromatic amines. N.G.Chernova, A.S.Khokhlov. Zhur.ob.khim. 30 no.4: 1281-1284 Ap '60.

OXIDES—ELECTRIC PROPERTIES

Electrical resistivity in binary oxide systems. V.N.Eremenko, V.E.Listovnichii. Zhur.neorg.khim. 4 no.11: 2544-2550 N '59.

OXYGEN

(see also subdivision under Czechoslovakia; Penza Province)

At the Scientific and Technical Council of the All-Union Scientific Research Institute for Oxygen Apparatus and Machinery. Kislorod 12 no.6:65 '59.

Centering of machines. V.M.Grushevskii. Kislorod 12 no.6:38-42 '59.

Changes in oxygen piping systems in the KT-3600 unit. A.P.Podchufarov. Kislorod 12 no.6,53-54 '59.

Evaluation of different methods of oxygen administration for the decompression of divers [with summary in English-. A.P Brestkin, A.G.Zhironkin. Fiziol.zhur. SSSR 45 no.7:865-871 Jl '59.

Hydraulic resistance of regenerators with stone packing. S A.Puptsev. Trudy LTIKHP 15:30-50 '58

Kinetics of oxygen sorption by coal at low temperatures. V S.Veselovskii, E.A Terpogosova, N D.Alekseeva. Dokl.AN SSSR 131 no 6 1396-1399 Ap '60.

Low-temperature turboexpanders. A.A.Trokhin. Kislorod 12 no 6:55-61 '59.

Mechanism of the inhibiting action of polyphenols and the role of oxygen. G.P.Belonovskaia, Zh D Vasiutina, B.A.Dolgoplosk Zhur.prikl.khim. 32 no 8,1824-1830 Ag '59.

Method of manufacturing gasket rings and gland packings for the NZhK-4 oxygen pump. P.A.Kostenko. Kislorod 12 no.6,53 '59.

On the role of a third particle in the reaction between O and CO. L.I.Avramenko, R.V.Kolesnikova. Izv.AN SSSR Otd.khim.nauk. no.3 561-563 '60.

Performance of the C-30 oxygen unit. I.S.Vakulov. Kislorod 12 no.6:46-49 '59.

Permissible oil content of liquid oxygen in air-separation units Kislorod 12 no 6:67 '59.

Prospects for the use of oxygen in the shale-gas industry E S Bezmozgin, M M Barshchevskii, M M Vasil'eva Trudy VNIIT no 8 66-74 '59

Reaction of the isopropyl radical with the oxygen molecule. L.I.Avramenko, R.V.Kolesnikova Dokl.AN SSSR 131 no.6 1370-1372 Ap '60.

OXYGEN—BIBLIOGRAPHY see Bibliography—Oxygen

OXYGEN—INDUSTRIAL APPLICATIONS

Making blast furnace ferrosilicon with an oxygen-enriched blow. IU.A.Popov, E.A.Gamalunov, A.T.Filippov. Metallurg 4 no.12 3-6 D '59.

Use of oxygen in bessemerizing copper mattes in industrial converters. N.P.Diev and others. Trudy Inst.met. UFAN SSSR no.3:93-101 '59.

OXYGEN—PHYSIOLOGICAL EFFECT

Some aspects of metabolism in Modiola phaseolina and Mytilus galloprovincialis under anaerobic and postanaerobic conditions. O.G.Karandeeva. Trudy SBS 11. 238-253 '59.

OXYGEN—SPECTRA

Possibility of a transition in the Schumann-Runge radiation system for O_2 molecules L.M.Biberman, S.P Erkovich, V N Soshnikov. Opt i spektr 7 no 4: 562-563 O '59

OXYGEN—STORAGE

Mechanized section for filling and storing cylinders. Kislorod 12 no.6:67 '59.

OXYGEN—THERAPEUTIC USE

Improvement of oxygen therapy for parturients, in asphyxiation of the fetus and newborn infants A.I. Belubekian, A G.Guseinov. Azerb.med.zhur. no.11 84-87 N '59.

Use of oxygen therapy in diffuse nephritis in children. R.E.Mazo. Zdrav.Belor. 5 no 12:17-20 D '59.

Use of subcutaneous oxygen insufflation in the rural polyclinic. V.A.Lukashev. Azerb.med.zhur. no.12:71-73 D '59.

OXYGEN, LIQUID see Liquid oxygen

OXYGEN COMPOUNDS

Group chemical composition and flotation properties of neutral oxygen compounds of shale oil from semicoking L I Guliaeva, S S.Nazarova Trudy VNIIT no.8 142-153 '59

OYSTERS see subdivision under Yegorlyk Bay

OZEK-SUAT REGION—ROCKS—PERMEABILITY

Relationship betwen reservoir properties and petrographic characteristics of terrigenous rocks in the lower section of the Cretaceous system in the Ozek-Suat oil field N P.Kolpikov Izv.vys.ucheb.zav., neft' i gaz 2 no.11 3-8 '59.

OZOCERITE

Helenite distribution in highly aluminous slags. N.G.Moleva, A.I.Ivanov. Trudy Inst.met.UFAN SSSR no.3: 121-123 '59.

OZONE

Fundamental tables for computing the total amount of ozone from data obtained by optical observation methods. G.P.Gushchin. Trudy GGO no.93:104-114 '59.

Laboratory apparatus for producing ozone. V.P.Vendillo, IU.M.Emel'ianov, IU.V.Filippov. Zav.lab. no.11: 1401-1402 '59.

Ozone measurement from the airplane. G.P.Gushchin. Trudy GGO no.93:60-69 '59.

Rapid method for determining ozone in air. L.A.Mokhov, V.P Dzedzichek. Zav.lab. no 11:1304-1305 '59.

PACIFIC OCEAN—DEEP-SEA DEPOSITS

Cation exchange capacity of sediments in Far Eastern seas and the northwestern part of the Pacific Ocean. E.D. Zaitseva. Trudy Inst.Okean. no.33:125-145 '59.

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

Scientific deep-sea expedition to the Pacific Ocean. V.P. Zaitsev. Ryb.khoz. 35 no.10:72-78 O '59.

PACIFIC OCEAN—ORGANIC MATTER

Organic matter in the liquid phase of sediments in the northwestern part of the Pacific Ocean. N D.Sanin Trudy Inst.Okean no.33:165-177 '59.

PACIFIC OCEAN—WATER—COMPOSITION

Chemical composition of interstitial waters in the Pac Ocean O.V.Shishkina. Trudy Inst.Okean. no.33 164 '59

PACKAGING MACHINERY

Introduce more extensively the packaging of groats in mill V Kurkin Muk -elev prom 25 no 12 [illegible] D '59

PACKED TOWERS

Calculation of packed columns under conditions of [illegible] sorption. I.P.Slobodianik, A.G.Kasatkin, V.V.Ka Izv.vys.ucheb.zav.,khim.i khim.tekh. 2 no.6 [illegible] '59.

Minimum equivalent height of packing in absorption, rectification, and extraction columns. V.V.Kafarov, I Dytnerskii. Zhur.prikl.khim. 31 no.4:631-633 Ap

PACKING (MECHANICAL ENGINEERING)

Method of manufacturing gasket rings and gland pack for the NZhK-4 oxygen pump. P.A.Kostenko. [illegible] 12 no.6,53 '59.

Packing gland of the boiler-preheater V P Maksim Elek.i tepl tiaga 4 no.1 17 Ja '60.

PACKING HOUSE-PRODUCTS see subdivision under Dnepropetrovsk

PACKING-HOUSE PRODUCTS—DRYING

Using the capacity of spray driers more efficiently A. kolovskii Mias.ind.SSSR 30 no.2:10 '59

PACKING HOUSES—EQUIPMENT AND SUPPLIES

(see also subdivision under Andizhan, Fergana Province; Bryansk; Chernikovka, Orsk; Vinnitsa, Vladimir)

Gorbatov, V.M., and G.A.Faleev. [Assembling, operation, and repair of packing-house equipment] Montazh, ekspluatatsiia i remont oborudovaniia miasokombinatov Moskva, Pishchepromizdat, 1959 739 p.

PADDLE WHEELS

Practical method of determining loads on paddle wheels for vessels operating in a wave disturbance A [illegible] iskii. Trudy TSNIIRF no 30 137-150 '59

PAIN

Kassil', G.N. [Pain and anesthesia] Bol' i obezbolivanie Moskva, Izd-vo Akad.nauk, 1958. 220 p. (Nauchno-populiarnaia seriia)
(DNLM)

Mechanisms underlying changes in coronary blood flow accompanying pain stimulation [with summary in English]. A.V.Tonkikh, A.I.Il'ina, S.I.Teplov. Fiziol. zhur.SSSR 45 no.7:753-760 Jl '59.

PAINT MATERIALS

Use of surface active agents in the paint and varnish industry M.A.Shtern Khim.nauka i prom 4 no 5 641-644 '59

PAINT REMOVERS

Removal of old paint from metallic objects Avtomob. i svlaz' 4 no.1:35 Ja '60.

PAINT SPRAYING see Spray painting

PAINTING—STUDY AND TEACHING

A club is learning to appreciate Russian painting. O.N Tuberovskaia. Nach.shkola 28 no.1:65-71 Ja '60

PAINTING, INDUSTRIAL

Kirillova, A.G. [Modern painting methods] Sovremennye metody maliarnykh rabot. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 81 p. (Novaia tekhnika i peredovye metody truda)

PAINTINGS—EXHIBITIONS

Exhibition of the younger generation V Andreev Smena 37 no 1 16 Ja '60.

Notes of a painter. B.Ioganson. Kommunist 37 no.7 77-85 My '60.

PAKISTAN

Pakistan's current problems. L.Vasil'ev. Mir ekon. i mezhdunar.otn. no.5:92-103 My '60.

PALATE

Development of bones of the palatine arch in caudate amphibians. N.S.Lebedkina. Dokl.AN SSSR 131 no.5 1206-1208 Ap '60.

PALATE, CLEFT see Cleft palate

PALEOBOTANY

Zonal distribution of vegetation in the geological past the connection between the formation of ancient coal beds and tropical conditions [with summary in English]. A I Tolmachev Vest.LGU 15 no.9 17-28 '60

PALEOBOTANY, STRATIGRAPHIC
(see also subdivision under Caucasus, Northern, White Russia; Yalama region, Azerbaijan)

Baranov, V.I [Stage of the development of Tertiary flora and vegetation in the U.S.S R.] Etapy razvitiia flory i rastitel'nosti i tretichnom periode na territorii SSSR Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 303 p

PALEOGEOGRAPHY
(see also subdivision under Carpathian Mountains, Ob' Valley; Russian Platform, White Russia)

Obtaining radiometric data on sedimentary rocks for paleogeographical studies M I. Tolstoi. Razved. i okh. nedr 25 no.10 13-17 O '59

PALEOGEOGRAPHY—MAPS

Method for plotting lithofacies and paleogeographical maps O I. Einor Nauk zap. Kyiv. un 16 no 14;65-77 '57

PALEONTOLOGICAL RESEARCH

Spicule analysis as a method of micropaleontological research V. M. Koltun. Paleont. zhur. no. 3 148-150 '59.

PALEONTOLOGY
(see subdivision under Agapa Valley, Europe, Eastern, Germany, West; Yenisey Bay region)

Evolution of the exchange of matter and energy in the biosphere. Report No 3 Latitudinal zonality and saturation of the biosphere with oxygen resulting from the development of life in the Pre-Quaternary period and principal conditions of its recent manifestation [with summary in English] E I Shitova Vest. LGU 15 no 9 37-50 '60

Field studies by the paleobiology section. V. S. Bazhanov, V. S. Korallova Vest AN Kazakh.SSR 15 no. 11'98-99 N '59.

Polytypical conception of species in paleontology. D. L. Stepanov. Paleont zhur. no. 3 3-14 '59.

Problems of paleozoological systematics. B. B. Rodendorf. Paleont. zhur. no. 3'15-26 '59.

PALEONTOLOGY—CONGRESSES

All-Union Paleontological Conference. N. M. IAnovskaia. Izv. AN SSSR, Ser. biol. 24 no. 6:944-947 N-D '59.

Brief news. Paleont. zhur. no. 3'151 '59.

Vsesoiuznoe paleontologicheskoe obshchestvo. [Problems in paleobiology and biostratigraphy transactions of the 2d session of the All-Union Paleontological Society] Voprosy paleobiologii i biostratigrafii, trudy II sessii Vsesoiuznogo paleontologicheskogo obshchestva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 270 p.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Volyn'-Podolian Upland

PALESTINE—DESCRIPTION AND TRAVEL

The Arabs and Arabian culture in Palestine during the beginning of the 12th century as described in Abbot Daniil's "Journey", from the history of Russo-Arabian relations. V. D. Kuz'mina. Vest. ist. mir. kul't. no. 6: 82-87 N-D '59.

PALLADIN, VLADIMIR IVANOVICH, 1859-1922

Academician Vladimir Ivanovich Palladin; one-hundredth anniversary of his birth. S. M. Manskaia. Izv. AN SSSR, Ser. biol. 24 no. 6:929-934 N-D '59.

PALLADIUM

Behavior of the catalyst, palladium on activated carbon, in catalytic isomerization reactions of alkanes and their cyclization, resulting in the formation of five-membered cyclanes. Kh. I. Areshidze. Trudy Inst. khim. AN Gruz. SSR 14;129-135 '58.

PALLADIUM COMPOUNDS

New complexes of palladium with unsaturated organic ligands. I. I. Moiseev, E. A. Fedorovskaia, IA. K. Syrkin. Zhur. neorg. khim. 4 no. 11'2641-2642 N '59.

PALMITIC ACID

Obtaining the thymol ester of palmitic acid. M.O. Kolosova. Med. prom. 13 no. 12'22-24 D '59.

PALYNOLOGY see subdivision under Caspian Sea region; Chaun Bay region; George V Coast; Sobo-Khaya region

PAMIRS—ANTHROPOLOGY

The 1957 anthropological expedition to the western Pamirs, IU. G. Rychkov. Trudy AN Tadzh.SSR 103:173-182 '59.

PAMIRS—ARTEMISIA

Testing a method for determining the age of desert semishrubs from annual rings and the effect of elevation above sea level on age. G. M. Ladygina. Izv. Otd. est. nauk AN Tadzh. SSR no. 2;115-120 '59.

PAMIRS—AXINITE

Axinite and datolite in the Eastern Pamirs. N. I. Krivoshchekova. Dokl. AN Tadzh. SSR 2 no. 4:15-18 '59.

PAMIRS—BIRCH

Birch forests in the Pamirs. O. E. Agakhaniants. Izv. Otd. est. nauk AN Tadzh. SSR no. 2.121-129 '59.

PAMIRS—COALS

Some data on coal from the Kurtekin deposit. Z. A. Rumiantseva, A. M. Mamaeva. Dokl. AN Tadzh. SSR 2 no. 4;19-21 '59.

PAMIRS—DATOLITE

Axinite and datolite in the Eastern Pamirs. N. I. Krivoshchekova. Dokl. AN Tadzh. SSR 2 no. 4,15-18 '59.

PAMIRS—FISHES

Material for identifying the fish of some Pamir waters. G. B. Sokurov. Izv. Otd est. nauk AN Tadzh. SSR no. 3' 77-85 '59.

PAMIRS—GRASSES

Prospective grasses for cultivation in the Eastern Pamirs. I. A. Raikova. Trudy Bot inst. Ser. 6 no 7 241-247 '59

PAMIRS—MOSQUITOES

Effect of specific conditions in the western Pamirs on the distribution, numbers and period of development of malaria mosquitoes. Z. L. Zanina. Izv Otd. est. nauk AN Tadzh. SSR no. 2,3-16 '59.

Principal factors in the biology of malaria vectors in western Pamirs. Z. L. Zanina. Dokl. AN Tadzh. SSR 2 no 1'57-61 '59.

PAMIRS—MOUNDS

New materials on the archaeological study of the western Pamirs. A. N. Zelinskii. Trudy AN Tadzh. SSR 103,165-166 '59.

PAMIRS—RIVERS

Determining the annual discharge of uninvestigated sections of Pamir rivers. A. G. Trestman. Dokl. AN Tadzh. SSR 2 no. 1;23-29 '59.

PAMIRS—ROCKS, IGNEOUS

Basic and ultrabasic rocks of the eastern part of the Pamirs. V. I. Budanov. Dokl. AN Tadzh. SSR 2 no. 1;9-14 '59.

PAMIRS—STONE IMPLEMENTS

Results of explorations of the Stone Age in 1957; in the lower reaches of Vakhsh and eastern Pamirs. V. A. Ranov. Trudy AN Tadzh. SSR 103;21-42 '59.

PAMIRS—WEASELS

New habitat of Mustela nivalis pallida Barret-Hamilton in the Pamirs. I. A. Abdusaliamov. Dokl. AN Tadzh. SSR 2 no. 3:39-40 '59.

PANAMA—POLITICS AND GOVERNMENT

Rebellious Panama V Chichkov. Ogonek 37 no 52' 22-23 D '59

PANARIS see Felon (Disease)

PANCH, PETRO, 1891-

Work is more important than talent Kost' Prokhorenko Ukraina no 2 20 Ja '60

PANCREAS

External secretory function of the pancreas during animal locomotion [with summary in English]. T. I. Svystun. Fiziol. zhur [Ukr.] 5 no. 6;750-755 N-D '59.

PANCREAS—BLOOD SUPPLY

Plasticity of the collaterals and functional evaluation of the incretory apparatus of the pancreas in experimental conditions [with summary in English]. L. I. Khananaev. Arkh. anat. gist. i embr. 37 no. 11:96-102 N '59.

PANCREAS—DISEASES

Two cases of acute necrosis of the pancreas. S. I. Rakhimov. Zdrav. Tadzh. 6 no. 6;43-44 '59.

PANIUTIN, IURII SERGEEVICH, 1890-1959

IU. S Paniutin; obituary. Sov. arkheol. no. 4 330 '59.

PANTICAPAEUM [ARCHAEOLOGICAL MATERIAL] see Kerch

PANTOGRAPH

"Naturpantograf-4" V. M. Zubov. Izv. vys. ucheb. zav.; gor. zhur. no. 2 28-33 '59.

PAPAIN

Influence of the order in which foreign substances are introduced on the action of papain. K. Bagadur, B. D. Atreia. Izv. AN SSSR Otd. khim. nauk no. 4:745-753 Ap '60.

PAPER

Measuring the thickness of condenser paper using radioisotopes of alpha emitters. A. A. Gusev. Bum. prom. 34 no. 12;12 D '59.

Sizing of paper with rosin size containing malt grains. B. N. Sokolova. Bum. prom. 34 no. 12'16 D '59.

[White pigments for paper coating] Pigmenty dlia melovaniia bumagi. Moskva, Goslesbumizdat, 1959. 107 p.

PAPER—BIBLIOGRAPHY see Bibliography—Paper

PAPER CHROMATOGRAPHY

Chromatographic determination of benzene hexachloride in plants [with summary in English]. L. M. Fukel'man. Fiziol rast. 6 no. 6;748-750 N-D '59.

Paper chromatographic study of the formation of volatile acids by micro-organisms of the genera Achromobacter, Pseudomonas, and Chromobacterium [with summary in English]. IU. A. Gorbenko, V. I. Romanenko. Mikrobiologiia 28 no. 6;870-873 N-D '59.

PAPER-CUTTING MACHINES

Improve designs of paper-cutting machines Poligr proizv no 12 7 D '59

PAPER ELECTROPHORESIS

Electrophoretic apparatus with automatic registration of the extinction curve. B. N. Zeliger Lab. delo 6 no 1. 55-59 Ja-Fe '60.

Simplest apparatus for paper electrophoresis. I. M. Raskin. Lab. delo 6 no. 1:59-61 Ja-Fe '60.

Study of the blood protein fractions by means of electrophoresis on paper in children and adolescents with congenital heart defects N. G. Zernov. Vop. okh. mat i det. 4 no. 6'87-88 N-D '59.

Table for the rapid calculation of results from determining blood proteins by paper electrophoresis. G. IA. Gorodisskaia. Lab. delo 6 no. 1,25-26 Ja-Fe '60.

PAPER INDUSTRY
(see also subdivision under China)

How the paper industry utilizes softwood damaged by larch spinner D S. Dobrovol'skii Izv vys. ucheb. zav., les zhur 2 no. 6'147-150 '59.

Increasing the supply of raw materials for the woodpulp and paper industry. Kh. I Dzhalilov Bum. prom. 34 no. 12'18-19 D '59

International Conference of Printing and Paper Industry Workers in Hungary E M Medvedev Poligr proizv no. 12 19-22 D '59

PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

Brush-trimming machine tool. K. A. Goncharov. Bum. prom. 34 no. 12'17 D '59.

PAPERMAKING MACHINERY
(see also subdivision under Switzerland)

Construction parameters of wires for modern newsprint making machines. G. D. IAkimov. Bum. prom. 34 no. 12 20-22 D '59.

Top press rolls with a quartz and rubber covering. A. M. Levinson, A. V. Svitneva. Bum. prom. 34 no. 12'14-16 D '59.

PARABIOSIS

Interfetal connections during embryonic parabiosis in sheep [with summary in English]. K. M. Kurnosov. Zhur. ob. biol. 20 no. 6;447-454 N-D '59.

PARABOLOID

Gravitation potential of elliptic paraboloids. L. I. Gavrilov. Izv. AN SSSR. Ser. geofiz. no. 5;733-735 My '60.

PARACHUTING
(see also subdivision under Bulgaria; Sverdlovsk; Yakutsk)

Antonov, P. M. [Methodology in training of parachutists] Voprosy metodiki obucheniia parashiutista-sportsmena. Moskva, Izd-vo DOSAAF, 1959. 183 p.

Improve still farther! E. Stepanov. Kryl. rod. 10 no. 11: 14-16 N '59.

Target in the water. Kryl. rod. 10 no. 11:16d N '59.

Will and skill. P. Korzinkin. Kryl. rod. 10 no. 12'17-20 D '59.

PARAFFINS

Behavior of the catalyst, palladium on activated carbon, in catalytic isomerization reactions of alkanes and their cyclization, resulting in the formation of five-membered cyclanes. Kh. I. Areshidze. Trudy Inst. khim. AN Gruz. SSR 14;129-135 '58.

Calculation of the yields of the products resulting from the radiolysis of alkanes. IU. A. Kolbanovskii, B. A. Smirnov. Dokl. AN SSSR 131 no. 6:1380-1382 Ap '60.

Catalytic transformations of paraffin over gumbrin. N. D. Lobachova. Zhur. prikl. khim. 32 no. 12;2740-2743 D '59.

Complete utilization of the oxidized paraffin distillate. B. K. Zeinalov. Trudy Inst. khim. AN Azerb. SSR 17: 164-179 '59.

Composition of the products and mechanism of the initiated cracking of gaseous alkanes. E. M. Gamus-Cherniavskaia, S. Sh. Reznikova, A. D. Stepukhovich. Dokl. AN SSSR 131 no. 6'1376-1379 Ap '60.

Dehydrocyclization of alkanes into five-membered cyclanes on oxide catalysts. E. A. Timofeeva, N. I. Shuikin, T. P. Dobrynina. Izv. AN SSSR Otd. khim. nauk. no. 3:572 '60.

Determination of n-paraffin hydrocarbons by the urea method. V. V. Veselov. Khim. i tekh. topl. i masel 5 no. 1;47-53 Ja '60.

Determining the saturation temperature of paraffinic petroleum products by the ultrasonic method. A. P. Grishin. Khim. i tekh. topl. i masel 5 no 1;13-16 Ja '60.

Effect of the alkali contained in a catalyst on the rate of oxidation of paraffin by atmospheric oxygen A A Perchenko Masl.-zhir. prom. 25 no. 12'12-15 '59

Higher aliphatic alcohols from the oxidation products of solid paraffins. N. I. Veltzar'eva and others. Khim. i tekh. topl. i masel 5 no. 1'24-27 Ja '60.

PARAFFINS (Continued)

Kinetics of the oxidation of liquid paraffins in the presence of a K - Mn catalyst. B G. Feidin. Zhur. prikl. khim 32 no. 8 1849-1854 Ag '59.

Latest development in the preparation of primary alcohols and their derivatives by the direct oxidation of short-chain n-paraffins V. K TSyskovskii, E M Nebylova, S S Nazarova Masl -zhir prom 25 no 12 16-20 '59

New method for controlling paraffin in beam wells. A. I. Arutiunov. Neftianik 3 no. 9 21-22 S '58.

Normal alkanes included in the composition of liquid fuels for jet engines and the synthesis of some of their analogs [in Georgian with summary in Russian]. Trudy Inst. khim. AN Gruz. SSR 14:177-191 '58.

Oil heating contact mixer N S Marinin Neftianik 4 no 9 23-25 S '59

Oxidation of paraffins in a foaming state. V. V. Nesmelov and others. Masl. -zhir. prom 26 no. 1.15-18 Ja '60.

Preparation of vynylphenols in the catalytic cracking of certain dihydroxydiarylalkanes. V. L. Vaiser, V. D. Riabov, B. M. Piriatinskii. Dokl. AN SSSR 132 no. 2. 349-352 My '60.

Production of $C_5 - C_9$ low molecular weight synthetic fatty acids by the oxidation of soft paraffins. I. E. Dobkin, P. G. Gushanskaia, L. F. Sycheva Proizv. smaz. mat. no. 5·34-44 '59.

Production of higher aliphatic alchols by the oxidation of liquid paraffins A N. Bashkirov, V. V. Kamzolkin Khim nauka i prom 4 no 5·607-612 '59.

Zeinalov, B. K. [Kinetics and mechanism of oxidation of the paraffinic distillated and practical uses of the oxidation products] Kinetika i khimizm okislenija parafinistogo distilliata i ispol'zovanie produktov okisleniia v praktike. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1959. 253 p.

PARAGENESIS

Paragenetic associations of elements occurring as admixtures in garnets of different genetic types A S. Dudykina. Trudy IGEM no 28.90-110 '59.

Paragenetic associations of elements occurring as cassiterite admixtures in different genetic types of tin ore deposits A. S. Dudykina. Trudy IGEM no. 28 111-121 '59.

PARALLAX—STARS

Determining the parallax of a 14.0 magnitude star in Gemini with coordinates $\alpha = 6^{h}08^{m}34^{s}$, $\delta = +22^{\circ}$ 1415 (1950.0) [with summary in English]. N V Fatchikhin. Izv. GAO 20 no. 4·91-100 '57.

PARALYSIS, SPASTIC

Surgical treatment of spastic paralysis secondary to tuberculous spondylitis. A. L Gushcha. Nov khir zhur. no 6:98-100 N-D '59.

PARAMAGNETIC RESONANCE AND RELAXATION

Determination of the g factor by comparing the frequencies of the paramagnetic and cyclotron resonances of electrons. V. N. Lazukin. Dokl. AN SSSR 131 no. 5·1064-1066 Ap '60.

Effect of coherent magnetic dipole radiation on magnetic resonance [with summary in English]. G. V. Skrotskii, A. A. Kokin. Zhur. eksp. i teor. fiz. 37 no. 3:802-804 S '59.

Effect of crystal defects on spin-lattice relaxation. B. I. Kochelaev. Dokl. AN SSSR 131 no. 5:1053-1056 Ap '60.

Using parametrically excited contour in observing paramagnetic resonance IU. S Konstantinov. Prib. i tekh. eksp. no. 6:134 N-D '59.

PARASITES see subdivision under Kaliningrad Province

PARASITES—BIRDS

Relation between the egg-laying period of bird fleas and the brooding time of their hosts. A N. Kir'iakova. Dokl. AN SSSR no. 6:1476-1477 Ap '60.

PARASITES—CORMORANTS

New representative of the genus Petasiger Dietz 1909 from the common cormorant. *N. A. Ablasov, K. I Iksanov.* Trudy. Inst zool. i paraz AN Kir SSR no. 7:147-151 '59.

PARASITES—FISHES

Ecological and parasitological study of biocoenoses in some lakes of Kaliningrad Province Report No 3· *Parasite fauna of fishes* [with summary in English]. M N Golikova Vest. LGU 15 no 9 110-121 '60.

Parasites of some commercial carp of the Kura River [in Azerbaijani with summary in Russian]. T. K. Mikailov. Izv. AN Azerb SSR. Ser. biol. i sel'khoz. nauk. *no. 5,43-48* '59.

Plerocercoids of Diphyllobothrium from Diptychus dybowskii in Lake Issyk'Kul'. K I Iksanov. Trudy. Inst. zool. i paraz. AN Kir. SSR no. 7:143-146 '59.

PARASITES—GERBILS

Gamasid mites on Vinogradov's jird in Azerbaijan [in Azerbaijani with summary in Russian]. A. T. Gadzhiev. Izv. AN Azerb SSR. Ser. biol. i sel'khoz. nauk no. 6,79-83 '59.

PARASITES—HARRIERS

New trematode species Concinnum talischensis nov. sp. (Dicrocoelidae) from the liver of the marsh harrier (Circus aeruginosus L.) in Azerbaijan [in Azerbaijani with summary in Russian]. G. B. Kasimov, S. M. Vaidova, N. A. Feizullaev. Dokl. AN Azerb. SSR 15 no. 11:1057-*1059* '59.

PARASITES—HORSES

Deciphering the life cycle of the nematode Parafilaria multipapillosa (Cond. et Drouil., 1878) parasitic in horses. M. P. Gnedina, A. N. Osipov. *Dokl. AN SSSR* 131 no. 5:1219-1221 Ap '60.

PARASITES—RODENTIA

Fleas of wild rodents in cities [with summary in English]. M. R. Netsengevich Zool. zhur. 38 no. 1:82-87 Ja *'59*

Helminths parasitic on rodents in Kirghizistan. M. M. Tokobaev Trudy Inst. zool. i paraz. AN Kir. SSR no 7: 133-142 '59.

PARASITES—RODENTS see subdivision under Maritime Territory

PARASITES—SEA URCHINS

Parasitic infusorians from sea urchins of the shore area of southern Kurile Islands [with summary in English]. Andr. Strelkov Zool zhur. 38 no 1:23-30 Ja '59

PARASITES—SEALS (ANIMALS)

Helminths parasitic in fur seals of Komandorskiye Islands S. L. Deliamure, A. S. Skriabin. Nauch. dokl vys. shkoly; biol nauki no. 2:11-14 '60.

PARASITES—SHAD

Infestation of the young-of-the-year Caspian shad of the genus Alosa by the monogenetic trematode Mazocraes alosa. T. K. Nebol'sina. Dokl. AN SSSR no. 6·1478-1400 Ap '60.

PARASITES—TICKS

Detection of clavate stages in the development of Piroplasma bigeminum in the tick Boophilus calcaratus. E. M. Kheisin, *E. A. Muratov. Dokl. AN* Tadzh. *SSR 2* no. 2: 55-58 '59.

Discovery of Crithidia hyalommae O'Farrel in the ticks Hyalomma detritum and H. anatolicum in Tajikistan. E. A. Muratov, E. M. Kheisin. Dokl. AN Tadzh. SSR 2 no. 1,33-37 '59.

Some data on the development of Piroplasma bigeminum in Boophilus calcaratus ticks. E. A. Muratov, E. M. Kheisin. Dokl. An Tadzh. SSR 1 no. 4,47-50 '58.

PARASITES—WATER BIRDS

Biology of some tapeworms parasitic in water birds. M. N. Golikova. Dokl. AN SSSR 131 no. 5:1222-1224 Ap '60.

PARASITISM

Parasitism of mold fungi [with summary in English]. E. S. Tatarenko. Mikrobiologiia 28 no. 6:887-893 N-D '59.

PARASITOLOGY

(see also subdivision under Kazakhstan; Kirghizistan; Moldavia; Poland; Soviet Central Asia)

Basic trends in the development of drug therapy for parasitic diseases in the U. S. S. R. Sh. D. *Moshkovskii. Med.* paraz. i paraz. bol. 26 no. 6:650-657 N-D '57.

On the liquidation and rapid *decline in parasitic diseases* in the U. S. S. R. Med paraz. i paraz. bol 28 no 5: 515-518 S-O '59.

PARASITOLOGY—BIBLIOGRAPHY see Bibliography—Parasitology

PARASITOLOGY—CONGRESSES

Conference on the epidemiology, clinical aspects, treatment, and prevention of intestinal infections and protozoal and helminth invasions A. V. Maslov. Med. paraz. i paraz bol. 28 no. 5:636-637 S-O '59

PARATYPHOID FEVER

Selivanov, A. V. [Paratyphoid fever in sheep] Paratif ovets. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 95 p.
(DA)

PARENT AND CHILD

Allochka is mocking. L. Gorbatov. Sem'ia i shkola 13 no. 3;34 Mr '58.

A difficult happiness. L. Vladimirov. Sem'ia i shkola 13 no. 3;12-14 Mr '58.

Letter from a father of many children. K. Grigorovich. Sem'ia i shkola 14 no. 12;16 D '59.

Parental conference as one of the forms of health education V. A. Savchenko Zdrav. Ros. Feder. 3 no. 12; 35-36 D '59.

Sick child. V. Gudkova-Senkevich. Sem'ia i shkola 13 no. 3;34 Mr '58.

Sulava is right. I. Dubrovskaia. Sem'ia i shkola 13 no. 3;19 Mr '58.

Sulava is wrong. Z. Rozova. Sem'ia i *shkola* 13 *no. 3;* 19 Mr '58.

Where are our mother and father? G. Sheplev, T. Krivosheeva. *Sem'ia i shkola* 14 no. 12,36 D '59.

PARHON, CONSTANTINE ION, 1874-

Life and creative activity of Constantine Parhon. G. Kriuchok Zdrav. Belor 5 no. 12;55-57 D '59

PARIS—COMMUNE, 1871

Akademiia nauk SSSR. Institut istorii. [Proceedings the meetings of the Paris Commune] Protokoly zase danii Parizhskoi Kommuny 1871 goda. Moskva
Vol. 2. [May 1 - May 21] 1 maia - 21 maia, 19
432 p.

K Marx's document relating to the Paris Commune ist KPSS 4 no 3·3-4 '60

PARIS—EXHIBITIONS

Automobile exhibition of 1959 N. Strokhov. Za rul no 12·28-30 D '59

PARIS—MUSIC

Paris through the eyes of a musician. M. Sabinina. muz. 24 no. 1;163-172 Ja '60.

PARIS—STRIKES AND LOCKOUTS—ELECTRIC INDUSTRIES

United action is the key to success. Monique Paris. Vsem. prof. dvizh. no. 4:39-42 Ap '60.

PARIS—TRADE UNIONS

United action is the key to success. Monique Paris Vsem. prof. dvizh. no. 4:39-42 Ap '60.

PAROLE

The Ministries of Justice and the Interior of the R. S. F. S. R. should resolve this problem. Zhitsirs Sots. zakon. 36 no. 12;58 D '59

PAROTID GLANDS—BLOOD SUPPLY

Structures of the arterial blood supply to the parotid gland in humans I. A Maksimov. Arkh. anat gist i embr. 37 no 10·74-77 O '59.

PARQUET FLOORS

Panel floors. V. V. Beliaev. Biul. tekh. inform. po str 5 no. 11·16-17 N '59.

PARTHENOGENESIS

Parthenogenesis in some mites of the family Laelapti (Parasitiformes, Gamasides). R. G. Kozlova. Med par i paraz. bol. 26 no. 6;736-738 N-D '57.

Parthenogenesis of the ordinary spider mite Tetran urticae, C. L. Koch, Z. I. Strunkova. Dokl. AN Tadzh. S 2 no. 1;53-56 '59.

PARTHENOGENESIS (ANIMALS)

Artificial induction of parthenogenesis in triploid interspecific silkworm hybrids (Bombyx mori L.). B. L. Astaurov, V. N. Vereiskaia. Dokl. AN SSSR 131 no 6 1426-1429 Ap '60.

Malformations occurring in parthenogenetic reprod of the lizard Lacerta saxicola Eversmann I S Dare skii. Dokl. AN SSSR 132 no 1;234-237 My '60

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Accelerating tube for producing an electron beam of hi intensity. G. S. Kaz'min. Izv. vys. ucheb. zav., fiz. no. 5:14-18 '59.

Acceleration of electrons in a cyclic traveling-wave wa guide accelerator. A. A Vorob'ev, A N Didenko E Kovalenko. Atom. energ. 8 no. 5 459-461 My '60

Calculation of permissible deviations in the magnetic fi of a weak focusing accelerator with a split magnet. E I. Dimov, IU. K. Petrov. Izv. vys. ucheb. zav., fiz. no. 5 19-25 '59.

Injector for 600 KeV protons for a linear accelerator IU N Antonov, L. P. Zinov'ev, V P Rashevskii. Atom. energ. 8 no. 5 454-457 My '60.

Measuring magnetic field distortions in strong-focusing accelerators. IU. M. Gorlachev, S. V. Skachkov, T. G Smoliankina. Prib. i tekh. eksp. no. 6:13-17 N-D '59

Measuring the phase width of electron clusters accelerated in a linear accelerator. I. A. Grishaev and others Prib. i tekh eksp. no. 6:30-32 N-D '59.

Theory of infection in cyclical accelerators at high currents. A. N. Lebedev. Zhur. tekh fiz. 29 no. 11·13 1345 N '59.

PARTICLE SIZE DETERMINATION

Determining the specific surface of powder particles in the production of hard alloys. B. V. Deriagin and othe TSvet. met. 32 no. 11;55-60 N '59.

Measurement of the mean equivalent diameter of some powders from the air permeability of the layer. U TS. Andres. Zav. lab no 11;1398-1400 '59.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)

Azimuthal asymmetry in the scattering of Dirac particles. R. M. Muradian. Dokl. AN SSSR 131 no. 5.1057-1059 Ap '60.

Determination of potential in the quantized field theory [with summary in English] M. A. Braun Zhur. eksp. i teor. fiz. 37 no. 3:816-822 S '59.

Dispersion relations for a virtual Compton effect [with summary in English]. I. S. Zlatev, P. S. Isaev. Zhur. eksp. i teor. fiz. 37 no. 3:728-734 S '59.

Dispersion relations method and perturbation theory [with summary in English]. N. N. Bogoliubov, A. A. Logunov, D. V. Shirkov. Zhur eksp. i teor. fiz. 37 no. 3 805-815 S '59

Dispersion relationship for the scattering of spinless relativistic particles by an external scalar field [with summary in English] V I Mal'chenko Ukr mat zhur 11 no 3 256-266 '59

Energy levels in a distorted Coulomb field. IA. B. Zel'dovich Fiz. tver. tela 1 no 11:1637-1641 N '59.

The motion of a elementary particles. Znan. ta pratsia no. 12;29 D '59.

Motion of charged relativistic particles in the magnetic field of the constant cylindrical current of a rarified plasma N. I. Shtepa. Zhur tekh fiz 29 no. 11;1346-1353 N '59

New method for evaluating the parameter of multiple Coulomb scattering Z. Alper, E. Friedlander Prib. i tekh eksp no 6:39-41 N-D '59

Numerical solution of static dispersion relations of the photoproduction p-wave. L. D. Solov'ev, G. N. Tentiukova. Zhur. eksp. i teor. fiz. 37 no. 3 880-890 S '59.

Relativistic kinetic equations for a plasma. Part 1 [with summary in English]. IU. L. Klimontovich. Zhur. eksp. i teor. fiz. 37 no. 3 735-744 S '59.

Transformation properties of pseudovectorial spin. A. A. Sokolov, I. M. Ternov, IU. M. Loskutov. Izv. vys. ucheb. zav., fiz. no. 5;72-80 '59.

PARTICLES (NUCLEAR PHYSICS)—MEASUREMENT

Measuring angles in nuclear interactions of fast particles. V M. Chudakov. Prib i tekh eksp no 6:37-38 N-D '59

PARTICLES (NUCLEAR PHYSICS)—SCATTERING

Dispersion relationships for nonelastic scattering in nonrelativistic approximation [with summary in English] D IA Petrina Ukr mat zhur 11 no 3 267-275 '59.

PASTEURELLA

Effect of certain antibiotics on the different species of Pasteurella in farm animals and poultry [in Azerbaijani with summary in Russian]. A. A. Askerov. Dokl. AN Azerb. SSR 15 no. 11;1061-1065 '59.

PASTEURIZERS

Poor quality of pumps for pasteurizers. S. Chernov. Moloch. prom. 20 no. 12;10 D '59.

PASTORAL PEOPLES see Nomads

PASTURES AND MEADOWS

(see also subdivision under Estonia; Karelia; Oredezh Valley; Rovno Province)

Introduction of forage plants from the flora of the U. S. S. R. and the establishment of regions for the use of particular perennial grasses in cultivated pastures and hay fields. P. A. Voshchinin, G. A. Nesterenko. Trudy Bot. inst. Ser. 6 no. 7:178-182 '59.

Significance of Darwin's works for the study of seed reproduction in meadow plants T. A. Rabotnov. Biul. MOIP. Otd. biol. 64 no. 4:47-51 Jl-Ag '59.

PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Sensible fertilizer placement for cultivated pastures guarantees their long and effective utilization R Toomre Ud i ur 4 no. 11 42-46 N '59

Using potassium fertilizers on meadows V. U. Pchelkin Ud i ur 4 no 11 47-53 N '59

Utilization of biological nitrogen and the nitrogen from mineral fertilizers on cultivated pastures I M. Tonkunas. Ud i ur. 4 no 12 27-31 D '59

PATA, TETIANA IAKYMIVNA, 1884-

Tetiana Pata, a popular painter. N. O. Hlukhen'ka. Nar. tvorch. ta etn. 3 no. 2.106-108 Ap-Je '59.

PATELLA—DISLOCATION

Bilateral dislocation of the patellae. L. S. Ivanova. Ortop., travm. i protez. 20 no. 4;92 Ap '59.

PATENT LAWS AND LEGISLATION

Boguslavskii, M. M. [Basic problems of patent practice in private international law] Osnovnye voprosy izobretatel'stva v mezhdunarodnom chastnom prave. Moskva. Izd-vo Akad. nauk SSSR, 1960. 283 p.

Bonus for cooperation. Izobr. i rats. no. 1:59 Ja '60.

Interpretations by the Supreme Court of the U. S. S. R. are needed. I. Mamiofa. Izobr. i rats. no. 1:55-56 Ja '60.

Ionas, V. IA., A. A. Kliuev, and A. V. Mavrin. [Rights of inventors and efficiency experts] Prava izobretatelei i ratsionalizatorov. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 157 p.

PATENTS

[Bulletin on inventions.] Biulleten' izobretenii no. 8 '60. 94 p.

[Bulletin on inventions.] Biulleten' izobretenii no. 9 '60. 90 p.

Looking through faded patents. N. Pokidov. Izobr. i rats. no. 1:30 Ja '60.

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGY—STUDY AND TEACHING

Rapoport, IA. L. [Course in pathology; pathological physiology and pathological anatomy] Kurs patologii, patologicheskaia fiziologiia i patologicheskaia anatomiia. Moskva, Medgiz, 1950. 378 p.
(MnU)

PATON, EVGENII OSKAROVICH, 1870-1953

Paton's seam. I. Nekhamkin. Sov. Soiuz. no. 1:32-33 '60.

PATRINIA see subdivision under Novosibirsk

PATRIOTISM

Gubanov, N. I. [Fatherland and patriotism] Otechestvo i patriotizm. Moskva, Gos. izd-vo polit. lit-ry, 1960. 142 p.

Pravdychenko, H. A. [What it means to be a Soviet patriot] Shcho oznachaie buty radians'kym patriotom. Kyiv, 1960. 29 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 3)

PATTERNMAKING

Introducing the use of a pattern composition on a bituminous lignite-base (montan wax). O. P. Pavlov and others. Lit. proizv. no. 12;30 D '59.

PATS RIVER—HYDROELECTRIC POWER STATIONS

Hydroelectric power stations on Pats River. Finsk. torg. zhur. no. 36:16-17, 26 D '59.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-

The emotionally expressive vocabulary and its stylistic functions in K. Paustovskii's tale "The golden rose." N. V. Kossek. Pratsi Od. un. Zhir. stud. rob. no. 5. (vol. 149) 66-71 '59.

Paustovskii's landscape portrayal; craftsmanship of the writer. L. S. Achkasova Nauch. dokl. vys. shkoly. filol. nauki no. 4:67-73 '59.

PAVEMENTS

Calculating the nonrigidity of pavements using a classical problem of the theory of elasticity. K. S. Terenetskii. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7;44-49 '59.

Constructing rough pavements. V. V. Mikhailov. Avt. dor. 22 no. 12:7-9 D '59.

Service characteristics of pavements and floors of canning plants K. Rashkovskii, V. Sokolov. Stroi i arkhit. 7 no. 12;13-14 D '59.

PAVEMENTS—TESTING see subdivision under United States

PAVEMENTS, CONCRETE

Strength analysis of rigid pavements of two-layer bases. B. I. Kogan, A. F. Khrustalev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6;102-111 '59.

Thermal stresses in concrete pavements being cured under protective films. D. F. Mirkin. Avt. dor. 22 no. 12;11-13 D '59.

PAVLODAR—CONSTRUCTION INDUSTRY

Give more attention to construction in Pavlodar. V. Sumochkin. Nar. khoz. Kazakh. no. 11;44-46 N '59.

PAVLOV, ALEKSANDR VASIL'EVICH

Worker and historian. A. Kirichenko. Neva no. 11:220-221 '59.

PAVLOV, IVAN PETROVICH, 1849-1936

Letters from Pavlov to his fiancée. Moskva 3 no. 10; 155-161 '59.

PAVLOV, TODOR, 1890-

Seventieth birthday of Todor Pavlov. Vest. AN SSSR 30 no. 4;140 Ap '60.

PAYMENT

Simplify the procedure of encashment operations. N. Bykhov. Bukhg. uchet 16 no. 11:27-33 N '59.

PAZUKHIN, VASILII ALEKSANDROVICH, 1889-

Vasilii Aleksandrovich Pazukhin; on his 70th birthday. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6:199-200 '59.

Vasilii Aleksandrovich Pazukhin; on his 70th birthday. TSvet. met. 32 no. 12:73 D '59.

PEA WEEVIL

Pea weevil control A. P. Butovskii, M. I. Grinevich. Zashch. rast. ot vred i bol 4 no. 3 34 My-Je '59.

PEACE

Award. Zhur. Mosk. Patr. no. 3:42 Mr '60.

Feast of peace at the Leningrad Theological Academy. M. Dobrynin. Zhur Mosk. Patr. no 3 39-41 Mr '60.

Goerlitz has pointed out the way of the struggle for peace. N. Forain. Vsem. prof. dvizh. no. 6 5-9 Je '59

In the name of a bright future Sov kras krest 9 no 6: 1-2 N-D '59

In the name of peace and the friendship of peoples. Bibliotekar' no. 5;1-3 My '60.

Prevent the danger of war. Louis Saillant. Vsem. prof. dvizh no 6 10-14 Je '59.

Resolutions of the session of the Bureau of the World Peace Council. Brat vest. no 1;5-6 '59.

Rosenko, I. A. [Twenty first Congress of the CPSU on the practical possibility of banishing world war from civilization] XXI s''ezd KPSS o real'noi vozmozhnosti ustraneniia mirovoi voiny iz zhizni obshchestva. [Leningrad] Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR Leningr. otd-nie, 1960. 53 p.

PEACH see subdivision under Issyk-Kul' region; Ukraine

PEANUTS

Embryological study of Arachis hypogaea L. [with summary in English] E. N Gerasimova-Navashina Bot zhur 44 no 10 1453-1466 O '59

PEARLITE

Particular type of pearlite in Fe--C--Si alloys [with summary in English] IA. N. Malynochka, N. H. Osada, H. Z. Koval'chuk Dop AN URSR no. 12.1330-1335 '59

PEAS see subdivision under Brest District; Vinnitsa Province

PEASANT UPRISINGS see subdivision under Japan; Ukraine

PEASANTRY see subdivision under Asia

PEAT

(see also subdivision under Bobruysk District; White Russia)

Combustibility of upland and lowland peat in cyclone furnaces with liquid slag disposal [with summary in English]. V D. Dunskii. Inzh.-fiz zhur no 12:90-93 D '59

Galenchik, I. Z., and others. [Winning peat and its uses in agriculture; a reference manual] Dobycha i ispol'zovanie torfa v sel'skom khoziaistve; spravochnoe posobie. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959. 231 p.
(DA)

It is practical to replace the soil of hotbeds with peat E Abele Sad i og. 97 no 12 22-23 D '59

Using peat on specialized state vegetable and potato farms of Moscow Province M N Nikonov, N A. Polianskii Ud i ur. 4 no. 11,36-41 N '59.

Volatile yield in the process of combustion of peat particles [with summary in English]. IU. A. Finaev. Inzh.-fiz. zhur. no. 12;80-89 D '59.

Water soluble acids of solid mineral fuels. [with summary in English]. T A. Kukharenko, T. E. Vvedenskaia. Pochvovedenie no. 12;51-58 D '59.

PEAT—MOISTURE

Equilibrium moisture of peat [with summary in English]. E. IA. Ivanov. Inzh.-fiz. zhur. no. 1;30-34 Ja '60.

PEAT—TESTING

Relationship between the strength of small-piece peat and drying conditions [with summary in English]. E. IA. Ivanov. Inzh-fiz zhur. no 12;94-90 D '59.

PEAT GASIFICATION

Gasification of peat briquets in the GB tractor gas producer. A. N. Alabovskii. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6;98-108 '58.

Investigating the gas formation process in a peat layer in an air-steam draft. V. A. Olenov. Sbor. nauch trud. IEI no. 8;127-143 '58.

PEBBLES

(see also subdivision under Karamysh region, Altai Mountains)

Using acoustic methods in investigating the width of gravel and pebble deposits. V. I. Savelev. Gidr. stroi. 29 no. 12;43-44 D '59.

PECAN see subdivision under Tashkent

PECHORA BASIN—FROZEN GROUND

Effect of the discontinuity of permanently frozen rock strata on water resources in the northeastern part of the Pechora Coal Basin. S. E. Sukhodol'skii. Trudy Inst. merzl. AN SSSR 16;126-131 '60.

PECHORA BASIN—WATER, UNDERGROUND

Effect of the discontinuity of permanently frozen rock strata on water resources in the northeastern part of the Pechora Coal Basin. S. E. Sukhodol'skii. Trudy Inst. merzl. AN SSSR 16;126-131 '60.

PECHORA VALLEY—ETHNOLOGY

Lashchuk, L. P. [Study on the ethnic history of the Pecora region, historical - ethnological research] Ocherk etnicheskoi istorii Pechorskogo kraia, opyt istoriko-etnograficheskogo issledovaniia Syktyvkar, Komi knizhnoe izd-vo, 1958 198 p
[MICROFILM]

PECHORA VALLEY—FORAMINIFERA, FOSSIL

Foraminifera of lower Carboniferous sediments in the Timan-Pechora Province A V Durkina Trudy VNIGRI no 116 132-389 '59

PECTIN

Study of the possibility of utilizing food pectin as a fixing agent in cobalt intoxication [with summary in English] A D Bezzubov, A I Khatina Gig i san 24 no 11 32-36 N '59

PEDIATRIC ANESTHESIA

Observations on the use of pentothal and thiopental anesthesia in pediatric eye surgery [with summary in English] A I Prokof'eva Vest. oft. 72 no 4 28-34 Jl-Ag '59.

PEDIATRICS

Experience with hygiene education and habits in children's sanatoria P D Tambovtsev Gig i san 24 no 11 45-48 N '59

Some modern problems in pediatric gynecology [with summary in English] A. I. Petchenko Akush i gin 35 no. 6, 83-87 N-D '59.

PEDIATRICS—CONGRESSES

Orthopedics and traumatology at the Ninth International Pediatrics Congress. A. P. Biezin'. Ortop., travm. i protez 20 no 11 93-94 N '59.

PEGMATITES

(see also subdivision under Caucasus, Northern)

Contact interaction of rare metal - lithium pegmatites with basic rocks I V Ginzburg Trudy IGEM no 29, 154-182 '59

PEIPING—AIRPORTS

Peiping's air terminal. Grazhd av 16 no 12 30 D '59

PEIPING—ART INDUSTRIES—EXHIBITIONS

Out of stone, wood, and lacquer Druzhba no 49 31-32 D '59

PEIPING—BOOKSELLERS AND BOOKSELLING

Kingdom of ancient books. Po Sheng. Druzhba no. 51 31 D '59.

PEIPING—CHESS—TOURNAMENTS

The first all-Chinese Spartakiada V. Aduevskii Shakh. v SSSR 36 no 12 378 D '59

PEIPING—CITY PLANNING

Tienanmên Square in Peking. Liang Ssu-ch'en. Arkhit. SSSR no. 12 17-19 '59.

PEIPING—DISSERTATIONS, ACADEMIC

Fruits of creative wisdom Lien Hui-chen Druzhba no 52 26 D '59

PEIPING—EXHIBITIONS

Atomic energy at the All-China Exhibition of Industry and Communications Shêng Ch'ung-p'o Atom energ. 8 no 5 464-467 My '60

The strides of the five-year plans are wide Li Feng Druzhba no 49 12-14 D '59

PEIPING—METALLURGY

Seventh anniversary of the Peking Institute of Ferrous Metallurgy. K'ao Yün-shên. Izv. vys. ucheb. zav., chern. met. 2 no. 9:189-191 S '59.

PEIPING—NATURAL HISTORY MUSEUMS

At the T'ientsao Bridge. Yang Chung-chiang. Znan. sila 34 no. 11·21 N '59.

PEIPING—PHOTOGRAPHY—EXHIBITIONS

Witnesses of the great leap Ch'en Po. Druzhba no 49· 29-30 D '59.

PEIPING—PORTRAITS—EXHIBITIONS

Portraits of ancient artists Pan Chieh-tze Druzhba no 52 25-26 D '59

PEIPING—RESTAURANTS, LUNCHROOMS, ETC.

Peiping restaurants. Ching Shou-shen. Obshchestv. pit. no. 12 59-61 D '59.

PEIPING—SHOOTING CONTESTS

Triumph on the firing line. Hsiao Ching. Druzhba no. 43: 31 O '59.

PEIPING—STADIUMS

The largest stadium in China. Chao Ch'ao. Druzhba no. 43:33 O '59.

PEIPING—THEATER

"Family's happiness" Chang Fu-chi. Druzhba no. 43:38 O '59.

PEIPUS, LAKE, BATTLE OF, 1242

Skin divers found Crow Rock G N Karaev Voen znan. 36 no 5 37 My '60.

PELAGEICHEV, VLADIMIR ALEKSANDROVICH, 1909-

V. A. Pelageichev, the oldest worker in the synthetic fiber industry L Zakhar'in. Khim. volok. no. 5 78 '59.

PELLAGRA see subdivision under Moldavia

PELVIS—ABSCESS

Prevention and treatment of suppurative processes in the small pelvis in women T. K Orlov. Zdrav. Belor. 5 *no 12;10-12 D '59*

PELVIS—BLOOD SUPPLY

Peculiarities of compensation in circulatory disorders of the vascular basin of the pelvis [with summary in English]. E. P. Mel'man. Arkh. anat. gist. i embr. 37 no. 11: 75-84 N 59.

PELVIS—FRACTURES

Fractures of the pelvic bones in workers of the Krivoy Rog Basin. M. I Bystritskii. Ortop., travm i protez 20 no 4 34-38 Ap '59

PELVIS—HYDATIDS

Extensive echinococcal lesions of pelvic and spinal bones [with English summary in appendix]. G. P. Kalashnikov, Z. V. Bolotina. Ortop., travm. i protez. 20 no. 11. 81-82 N '59.

PELYM VALLEY—FUR FARMING

On the Pelym Fur Farm. M. Zaitsev. Okh. i okh. khoz. 5 no. 11·6-8 N '59.

PEN DRAWING

Pen strokes. Isk. kino no. 1·153 Ja '60.

PENAL INSTITUTIONS see Reformatories

PENCILS

Electric properties of paraffin emulsions used for the impregnation of pencil strips. A. A. Lebedev. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2;220-223 '59.

PENDULUM

Oscillations of a pendulum subjected to dry friction. E A Barabashin, V A Tabueva Izv. vys ucheb zav, mat no 5 48-57 '59

PENDZHIKENT—CAVES

Gori-Gurg cave near Pendzhikent. B. I. Marshak. Trudy AN Tadzh. SSR 103;171-173 '59.

PENDZHIKENT—CITIES AND TOWNS, RUINED, EXTINCT, ETC

Results of the work of the Pendzhikent detachment in 1957. A. M. Belenitskii. Trudy AN Tadzh. SSR 103;43-63 '59.

PENICILLIN

Immediate results of bicillin prevention of rheumatic fever exacerbations. A. IU. Bolotina, O. P. Galach'iants, N. A. Borodiiuk. Sov. med. 23 no. 12;94-99 D '59.

Parasitism of mold fungi [with summary in English]. E. S. Tatarenko. Mikrobiologiia 28 no. 6;887-893 N-D '59.

Treatment of eye burns by subconjunctival injections of penicillin combined with the patient's own blood [with summary in English]. M. G. Kulakhmet'eva, M. A Ladyzhinskaia Oft. zhur. 14 no. 6·334-337 '59.

PENMANSHIP

Bogoliubov, N. N. [Methodology of penmanship] Metodika chistopisaniia; uchebnoe posobie dlia pedagogicheskikh uchilishch. Izd. 3., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 191 p.

Elementary writing and reading in kindergartens. O. Anastasevych. Doshk vykh. 20 no. 12;27-28 D '59.

Preparing children for mastering the technique of writing. N. Kuz'mina. Doshk. vykh. 20 no. 12;18-22 D '59.

Preparing children to learn to write. O. Mel'nykova. Doshk. vykh. 20 no. 12;22-24 D '59.

Preparing older kindergarten children for writing lessons. L. Chernova. Doshk. vykh. 20 no. 12;24-27 D '59.

Teaching six-year-old children to read and write. K. Aleksieieva Doshk. vykh. 20 no. 12;13-18 D '59.

PENSIONERS

(see also subdivision under Great Britain)

Editor's mail. Sots. obsep. 20 no. 12·60-62 D '59.

From the pages of the press. Sots. obsep. 20 no. 12;62 D '59.

PENSIONERS—SOCIETIES, ETC. see subdivision under Karpinsk

PENSIONS

(see also subdivision under Moscow Province)

Cross-checks are indispensable V. Tenisov. Sots. obesp. 20 no 11 10-11 N '59.

For comprehensive control. I. Itskovich. Sots. obesp. 20 no 11 9-10 N '59.

[How to get a pension in the case of loss of a provider] Kak poluchit' pensiiu po sluchaiu poteri kormil'tsa. [Moskva] Mosk. rabochii, 1960. 93 p.

How would you decide? Sots. obsep. 20 no. 12;54 D '59

Length of service that gives the right to a state pe M. Zakharov, V. Piskov. Sots. obsep. 20 no. 12 D '59

New laws and regulations Sots. obesp 20 no 11 N '59

Pensions for collective farmers. B. Agarzaev S obesp 20 no 11 43-44 N '59

Persons covered by the law on state pensions IU derbaum Sots obesp. 20 no 11 19-55 N '59

Readers' answers. Sots. obesp. 20 no. 11·57-58

Social insurance pension payments to the unemploy pensioners of cooperative insurance who worked ducers cooperative societies before such enterpr were incorporated into state industry. R. Kats. obsep. 20 no. 12;51-54 D '59.

Zaboznaev, A. A., and A. V. Levshin. [Pensions fo members of creative associations, actors, and scientists] Pensii chlenam tvorcheskikh soiuzov, artistam i rabotnikam nauki. Moskva, Gos. izd-v iurid. lit-ry, 1960. 77 p. (Bibliotechka po pensi zakonodatel'stvu)

PENSIONS—ACCOUNTING see subdivision under Province

PENTOSAN see subdivision under Odessa Province

PENTOSES

Dynamics of pentoses in a developing chick embryo summary in English] I D Holovats'kyi Ukr bi zhur 31 no 5 745-750 '59.

PENZA—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Work of mechanical engineers in Penza for the che industries] Penzenskie mashinostroiteli– khimiche promyshlennosti. [Penza] Penzenskoe knizhnoe iz vo, 1959. 68 p.

PENZA—GLIDING AND SOARING

Young glider pilots. I. Nikolaev. Kryl. rod 10 no. N '59.

PENZA PROVINCE—ANTIQUITIES

Early burial mounds of the ancient Mordvinians in P Province. M. R. Polesskikh Sov arkheol no 1 2 211 '59

PENZA PROVINCE—INDUSTRIES

[Over-all mechanization and automation of productio practices of factories under the Penza Economic C cil] Kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva; iz opyta zavodov Penzenskogo sovnar khoza. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 230 p.

PENZA PROVINCE—INSURANCE, SOCIAL

Mutual control and mutual help G Voskanian, V Ol Sots obesp 20 no. 11 3-4 N '59

They check each other and report to the people A. N rov Sots. obesp 20 no. 11 6-8 N '59

PENZA PROVINCE—OXYGEN

Conference on the exchange of experience in operati *oxygen stations of the Penza Economic Council.* K rod. 12 no. 6;65-66 '59.

PENZA PROVINCE—PHYSICALLY HANDICAPPED

With us it is quite different. P Chernyshev Sots ob 20 no 11, 36 N '59.

PENZA PROVINCE—WHEAT—FERTILIZERS AND MANURES

Effect of a dry preparation of silicate bacteria on the yield of spring wheat in Penza Province. M. I. Prez Sel'khoz. Povol. 5 no. 11;62-64 N '59.

PENZHINA VALLEY—KORYAKS

Among the Koryaks of the middle Penzhina River. K. Kuzakov. Krat. soob. Inst. etn. no. 32;122-129 '59.

PEPPERGRASS

Toxicity of Lepidium coronopifolium Fisch. A. P. Pe Bot. zhur 44 no. 11, 1665-1666 N '59.

PEPPERMINT

(see also subdivision under Apsheron Peninsula)

New peppermint varieties and the outlook for extendin their cultivation to new regions. A. N. Lutkov. Tru Bot. inst. Ser. 6 no. 7;107-110 '59.

PEPTIC ULCER

Comparative evaluation of certain physiotherapeutic methods for the treatment of patients with peptic ulce [with summary in English]. L. M Mailian Terap arkh. 31 no. 12;26-30 D '59.

Electrophoretic studies on proteins and digestive capa of the gastric juice in patients with peptic ulcer and chronic gastritis [with summary in English]. TS. G. Masevich. Terap. arkh. 31 no. 12;10-16 D '59.

Itkes, G. N. [Treatment of gastric and duodenal ulcer at Caucasian Mineral Water health resorts] Lechenie bol'nykh iazvennoi bolezn'iu zheludka i 12-perstnoi kishki na kurortakh Kavkazskikh mineral'nykh vod. Izd. 2., dop. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1958. 75 p.
(DNLM)

PEPTIC ULCER (Continued)

Nocturnal gastric secretion in patients with gastritis and peptic ulcer [with summary in English] P V Poslavskii. Terap arkh 31 no 12 21-26 D '59

Pathogenic and clinical significance of quantitative and qualitative changes of proteins in the blood serum in peptic ulcer [with summary in English] A A. Krylov and others Terap arkh 31 no 12 16-21 D '59

Peptic ulcer of the stomach and duodenum. I. F. Loile. Fel'd. i akush. 25 no. 1:8-13 Ja '60.

Some data on the treatment of peptic ulcer in children in the children's sanatorium at "Ozero Shira." A. I. El'tsov Vop. okh. mat. i det. 4 no 6 22-25 N-D '59.

Some late results of treatment of gastric and duodenal ulcer by resection V. A Andguladze Nov khir zhur. no. 6:110 N-D '59

PEPTIDES

Acylation of amino acids and peptides with 2-methylcyclopentanone-3-carboxylic acid. L. A. Shchukina, R G. Vdovina, Z. I. Matveeva. Zhur. ob khim. 30 no. 4: 1135-1139 Ap '60.

Certain properties of N-benzylated peptides. Part 3. L. N. Akimova. Zhur. ob. khim. 30 no. 4:1143-1148 Ap '60.

Certain properties of N-benzylated peptides. Part 4. L. N. Akimova. Zhur. ob. khim. 30 no. 4 1148-1153 Ap '60.

Effect of the collagenase of Clostridium histolyticum on synthetic peptides consisting of glycine, *L*-proline, and *L*-hydroxyproline. K. T. Poroshin and others. Izv. AN SSSR Otd. khim. nauk. no. 3:550-552 '60.

New methods of synthesizing O-peptides. L. A. Shchukina, S. N. Kara Murza, R. G. Vdovina. Zhur. ob. khim. 30 no. 4,1139-1143 Ap '60.

PERCH

(see also subdivision under Baikal, Lake)

Incubation of Fiptychus roe in Weiss and Williamson apparatus F A. Turdakov, B. P. Luzhin, N. A. Baramzin. Trudy Inst zool i paraz. AN Kir. SSR no. 7:97-107 '59

Seasonal variation of blood properties in the roach and perch I. R Veldre. Vop ikht. no 12:138-140 '59.

PERECHIN DISTRICT—GABBRO

Age of certain gabbro rocks of the Transcarpathian [with summary in English]. V. P Kostiuk. Dop. AN URSR no. 11,1259-1261 '59.

PERELYUB DISTRICT—AGRICULTURE

Advanced practices for all! N. I. Krasnov. Sel'khoz. Povol. 5 no. 11 25-28 N '59.

Growth. A. Poryvkin, M. Sidorenko, Sel'khoz. Povol. 5 no. 11,34-36 N '59.

Toward new goals on virgin lands. I. I. Spiridonov. Sel'khoz. Povol. 5 no. 11:22-25 N '59.

PERELYUB DISTRICT—DAIRYING

Always be in front. K. G. Kuritsyna Sel'khoz. Povol. 5 no. 11,31-32 N '59.

PERELYUB DISTRICT—POULTRY

Work is joy. E. A. Golubkova. Sel'khoz. Povol. 5 no. 11: 33-34 N '59.

PERELYUB DISTRICT—TRACTORS

Our contribution. V. K. Gur'ianov. Sel'khoz. Povol. 5 no. 11:28-29 N '59.

Work the communist way. E. A. Shashkov. Sel'khoz. Povol. 5 no. 11:30-31 N '59.

PERENNIALS

Use of wild perennials in landscape gardening. Z. I. Luchnik. Trudy Bot. inst. Ser. 6 no. 7:474-475 '59.

PERFUMES—PACKAGING

For lowering labor expenditures in each production operation. L I Kigel' Masl -zhir prom 25 no 12:33-39 '59

PERGA REGION (VOLHYNIA)—ROCKS, IGNEOUS

Alkali rocks in the vicinity of Perga in Volhynia. N. A. Bezpal'ko. Nauk. zap. Kyiv. un. 16 no. 14:171-178 '57.

PERGAMA—ANTIQUITIES

Belov, G. D. [Altar of Zeus in Pergama] Altar' Zevsa v Pergame. Leningrad, Izd-vo Gos. Ermitazha, 1959. 93 p. 81 plates.
(DNLM)

PERICARDITIS

Late results of surgery in constrictive pericarditis. G G., Karavanov, IA S. Valigura Nov. khir. zhur. no. 6:8-12 N-D '59.

Surgical treatment of chronic exudative pericarditis. B. V. Petrovskii, V V. Zaretskii. Nov. khir. zhur. no. 6: 3-8 N-D '59.

Traumatic pericarditis following pneumonectomy in children. B. N. Semenov. Vop. okh. mat. i det. 4 no. 6:85 N-D '59.

PERICARDIUM—SURGERY

Bilateral transpleural approach in pericardiectomy. G. G. Sychev. Nov. khir. zhur. no. 6:18-23 N-D '59.

PERICARDIUM—WOUNDS AND INJURIES

Wound of the pericardium and lung. B. O. Mil'kov. Nov. khir zhur. no. 6:115-116 N-D '59

PERIDOTITE

Discussion of certain basic problems related to the geology and petrology of the western (platiniferous) band of the gabbro peridotite formation in the Urals N V. Butyrin. Trudy Gor. -geol. inst. UFAN SSSR no. 33:301-312 '59.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW

D I Mendeleev's period law and new chemical elements S. A. Balezin. Uch zap. MGZPI 2 96-104 '59.

PERITONEUM—TRANSPLANTATION

Changes in the elastic and morphological properties of the peritoneum in the process of conservation and transplantation. A. S Kalugin Nov khir zhur no. 6:66-68 N-D '59.

Six years' experience in using parietal preserved peritoneum of cattle in the treatment of thermal burns. P. P Khokhlov, A. D Shiliaeva Ortop., travm. i protez 20 no. 4,39-44 Ap '59.

PERM—FLOUR MILLS

We fulfilled our obligations. G. Minaev Muk. -elev prom 25 no 12 27 D '59

PERM—GROUND CONTROLLED APPROACH

Runway command post. N. Rudenko. Kryl. rod 10 no. 11:20-21 N '59.

PERM—RAILROADS

Man with a profession keeping him constantly on the alert G Baldin Put' i put khoz no. 11 22-23 N '59

PERM GOVERNMENT—HISTORY

Chernysh, M. I. [Development of capitalism in the Urals, and the Perm Zemstvo] Razvitie kapitalizma na Urale i Permskoe zemstvo, Perm', Permskoe knizhnoe izd-vo, 1959. 236 p.
(MII)

PERM PROVINCE—AGRICULTURAL COURTS AND PROCEDURE

Communal court of collective farmers. A. Golubev. Sots. zakon. 36 no. 12:47-49 D '59.

PERM PROVINCE—AGRICULTURE—ECONOMIC ASPECTS

In the economics departments of the Perm Agricultural Institute. N. Masalkin. Ekon. sel'khoz. 30 no. 8:103-104 D '59.

PERM PROVINCE—ENCEPHALITIS

Clinical characteristics of viral meningoencephalitis following food infection [with summary in English]. G. P. Serebrennikova. Sov. med. 23 no. 12:87-89 D '59.

PERM PROVINCE—FINANCE

Financial organization in regional economic councils. A. Spasskii. Den. i kred. 18 no. 4:43-47 Ap '60.

PERM PROVINCE—LIGHTWEIGHT CONCRETE

Autoclave-hardened porous concretes made with local Ural materials M V. Levin, T. A. Elykova. Trudy NIIZHB no. 8:129-135 '59.

PERM PROVINCE—PROSPECTING—GEOPHYSICAL METHODS

Physical properties of rocks in the Perm and Bashkir area of the Ural Mountain region. K. B. Mokshantsev, M. A. Aizenberg. Razved. i prom. geofiz. no. 32:66-70 '59.

PERM RESERVOIR—PLANKTON

Plankton formation in Kama (Perm) Reservoir [with summary in English]. S. N. Uiomskii. Zool. zhur. 38 no. 1:3-14 Ja '59.

PERMAYAK LITERATURE—HISTORY AND CRITICISM

"Dawns over the In'va." Reviewed by A. Balandin. Zvezda no. 1:216 Ja '60.

PERMEABILITY

Permeability of porous media in the filtration of a gas-containing liquid. D. A. Efros. Dokl. AN SSSR 132 no. 2:311-314 My '60.

PERMITTIVITY see Dielectric constants

PEROV, VASILII GRIGOR'EVICH, 1833-1882

Seditious paintings. A. Varshavskii. Znan. sila 34 no. 11:27-31 N '59.

PEROXIDASE

New modification of azur-eosin staining of the blood in association with the microchemical reaction to peroxidase. I. I. Kukoleva Arkh. anat. gist. i embr 37 no. 10:91-93 O '59

PEROXIDES

Effect of iron salts on the kinetics of the reaction between polyethylenepolyamines and hydroperoxides, and utilization of this reaction for the initiation of polymerization. B. A. Dolgoplosk, D. Sh. Korotkina. Zhur. prikl. khim. 31 no. 4:625-630 Ap '58.

PEROXYDISULFATES

Autooscillations during the reduction of the $S_2O_8^{=}$ ion on mercury. A. IA. Gokhshtein, A. N. Frumkin. Dokl. AN SSSR 132 no. 2:388-391 My '60.

PEROXYFORMIC ACID

Oxidation of olefins by performic acid. A. F. Plate, A. A. Mel'nikov, A. A. Ovezova. Zhur. ob. khim. 30 no. 4: 1256-1258 Ap '60.

Oxidation of 1-phenyl-1-cyclopentene by performic acid, and synthesis of 1-methyl- and 1-ethyl-2-phenylcyclopentane. A. F. Plate and others. Zhur. ob. khim 30 no. 4:1250-1255 Ap '60.

PERSIA see Iran

PERSIAN LITERATURE—HISTORY AND CRITICISM

Aliev, G. IU. [The legend of Khusraw and Shirin in the literatures of the peoples of the East] Legenda o Khosrove i Shirin v literaturakh narodov Vostoka. Moskva, Izd-vo vostochnoi lit-ry, 1960. 168 p.

PERU—ECONOMIC CONDITIONS

An interview with Peruvian public figures on the problems of the country Nov vrem 18 no 20 10 My '60.

PERVOMAISK (NIKOLAEV PROVINCE)—INFLUENZA

Peculiarities of the clinical course of influenza in 1959 [with summary in English] I. N. Petrova Klin. med. 37 no. 12,57-58 D '59.

PETCHENKO, ALEKSANDR IVANOVICH, 1896-

A. I. Petchenko; On his 60th birthday. Akush. i gin. 35 no. 6:96-97 N-D '59.

PETRASHEVICH, GALINA L'VOVNA, 1903-

Two Ukrainian artists. L. Belogorlova. Iskusstvo 22 no. 12 27-31 '59.

PETRIKOV (GOMEL' PROVINCE)—MAMMOTH

Discovery of mammoth remains in Riss sediments in White Russia. V. V. Shchaglova, B. V. Shavinkou. Vestsi AN BSSR. Ser. fiz. -tekh. nav. no. 4:127-130 '59.

PETROGLYPHS see subdivision under Akbeshim (Kirghizistan); Alakul' District

PETROLATUM

Obtaining pure vaseline from industrial by-products. G K Sidoranskii. Neftianik 4 no. 9 16-17 S '59.

Separation of ceresin from petrolatum. V. D. Rodznevskaia, N. P. Bilik. Proizv. smaz. mat. no. 5:27-33 '59.

PETROLEUM

(see also subdivision under Soviet Central Asia)

Eliminate delays in the discharge of oil from barges. I. G. Poliakov. Neftianik 4 no. 12:29 D '59

PETROLEUM—ANALYSIS

(see also subdivision under Ukraine)

High molecular weight aromatic petroleum hydrocarbons. L. D. Melikadze and others. Trudy Inst. khim. AN Azerb. SSR 17:146-153 '59.

Occlusion compounds and their use in the petroleum industry. IA. M. Slobodin. Proizv. smaz. mat. no. 5:63-71 '59.

Performance of the LPG-2-3000 draw works operated by a group diesel drive. A. M. Nor. Neftianik 3 no. 9:6-8 S '58.

Using the KTD-3 turbodrill retractable core barrel in rotary drilling. N. A. Mariampol'skii, A. P. Dolzhenko. Neftianik 3 no. 9:20 S '58.

Valve closing mechanisms for oil samplers. G. Geletti, T. Orazov. Neftianik 3 no. 8:22-24 Ag '58.

PETROLEUM—PIPELINES

Development and techniques of building petroleum pipelines in prerevolutionary Russia. A. K. Troshin. Trudy Inst. ist. est. i tekh. 25:177-200 '59.

Geometrical problems applicable to the planning of field oil and gas collecting networks. V. M. Prokof'ev. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 11:115-118 '59.

Underground trans-Sevastopol pipeline. Izv. vys. ucheb. zav., neft' i gaz 2 no. 11 54 '59.

PETROLEUM—REFINING

(see also subdivision under Groznyy; Saratov)

Cleaving and hydrogenating action of certain catalysts in the process of the destructive hydrogenation of oil tars under a pressure of 30 atm. IA. R. Katsobashvili, S. A. Golosov. Khim. i tekh. topl. i masel 5 no. 1:8-12 Ja '60.

D. I. Mendeleev and the improvement in petroleum refining methods. V. E. Parkhomenko. Izv. vys. ucheb. zav., neft' i gaz 2 no. 11:131-135 '59.

For greater economy and better quality. V. G. Udovenko. Neftianik 4 no. 12:9 D '59.

PETROLEUM—REFINING (Continued)

Method for calculating the cost of production in petroleum refining. V. I. Borodkin. Izv. vys. ucheb. zav.; neft' i gaz 2 no.11:123-130 '59.

Petroleum washing in a vertical vessel. B. I. Stakin. Neftianik 4 no.11:12-14 N '59

PETROLEUM—STORAGE

Petroleum losses control in tank farms. V. A. Avdapov. Neftianik 4 no.12:19 D '59.

Use of breathers on petroleum storage tanks. I. Savchenko. Pozh. delo 5 no.11:12 N '59

PETROLEUM AS FUEL

Cracking of "hot" fuel oil. G. V. Koniaev, O. M. Chervonnyi. Neftianik 4 no.11:16-17 N '59

Practices in the handling of mazut to be used as fuel. S. IA. Budaikov. Sakh. prom. 33 no.12:28-31 D '59.

PETROLEUM CHEMICALS

Complete utilization of the oxidized paraffin distillate. R. K. Zeinalov. Trudy Inst. khim. AN Azerb. SSR 17:161-170 '59.

PETROLEUM ENGINEERING—STUDY AND TEACHING see subdivision under Rumania

PETROLEUM GEOLOGY
(see also subdivision under Ambar Valley; Apsheron Peninsula; Bolshoy Kinel' Valley; Fergana; Fergana Valley, Georgia; Khatanga Valley; Lena Valley; Minusinsk Basin; Olenek Valley, Russia, Northern, Saratov Province, Siberia; Tajikistan; Turkmenistan, Uzbekistan; Yentuey Valley)

Applying gravimetry in direct oil and gas prospecting. I. O. Tsimel'zon. Geol. nefti i gaza 3 no.12:41-46 D '59.

In the Ministry of Geology and Preservation of Mineral Resources of the U.S.S.R. Geol. nefti i gaza 3 no.12:52-53 D '59.

Principal problems in the classification of fractures in petroleum geology [with summary in English]. R. S. Kopystianskyi. Dop. AN URSR no.10:1111-1114 '59.

PETROLEUM INDUSTRY
(see also subdivision under China, United States)

The Central Committee of the Trade Union of Workers is an important element in industrial enterprises. A. M. Maguto. Neftianik 3 no.10:29-30 O '58.

In the oil regions of our country. Neftianik 3 no.9:32 S '58.

In the oil regions of our country. Neftianik 4 no.11:32-33 N '59.

New books for petroleum workers. Neftianik 4 no.9:34-35 S '59

New wage scales in the petroleum and gas industries. V. Belen'kii. Sots. trud 4 no.7:52-58 Jl '59.

Our road toward communism. Neftianik 4 no.11:1-3 N '59

Petroleum and gas industries in 1960. Khim. i tekh. topl. i masel 5 no.1:1-7 Ja '60

Russian petroleum industry in figures and dates (continuation). V. M. Murav'ev. Neftianik 4 no.11:20 N '59

PETROLEUM INDUSTRY—ACCIDENTS see subdivision under Nebit-Dag

PETROLEUM INDUSTRY—ACCOUNTING

Economic accountability by shops should be introduced in oil fields. I. R. Kurilkin. Neftianik 4 no.11:26-27 N '59.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Rzhavskii, E. O., and I. O. Sukhodol'skii. [Operation of units for dewatering fuel oils and fuel oil residues] Opyt ekspluatatsii ustanovki po obezvozhivaniiu mazutov i mazutnykh zachistok. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 37 p. (Obmen peredovym tekhnicheskim opytom)

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Universal foam discharging chamber. P. P. But. Neftianik 4 no.9:27-28 S '59.

PETROLEUM INDUSTRY—PRODUCTION STANDARDS see subdivision under Azerbaijan

PETROLEUM INDUSTRY—TECHNOLOGICAL INNOVATIONS

Importance of inventors' contributions. Van. Ivanov. Neftianik 4 no.11:4-5 N '59.

PETROLEUM PRODUCTS

Calculating the components of petroleum products. S. G. Shteingardt. Neftianik 3 no.10:12-13 O '58.

Determining the saturation temperature of paraffinic petroleum products by the ultrasonic method. A. P. Grishin. Khim. i tekh. topl. i masel 5 no.1:13-16 Ja '60.

Development of petrochemistry and problems of the Scientific and Technical Society of the Petroleum Industry. M. V. Sidorenko. Neftianik 3 no.10:3-5 O '58

Photochemical stability of the luminescence of high molecular weight petroleum fractions. I. D. Melikadze, E. A. Usharauli, D. G. Chavchanidze. Trudy Inst. khim. AN Gruz. SSR 14:165-178 '58.

Rzhavskii, E. O., and I. O. Sukhodol'skii. [Operation of units for dewatering fuel oils and fuel oil residues] Opyt ekspluatatsii ustanovki po obezvozhivaniiu mazutov i mazutnykh zachistok. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 37 p. (Obmen peredovym tekhnicheskim opytom)

Simple method for determining the flash point of petroleum products. P. G. Ivanov, A. I. Gurkina. Neftianik 4 no.12:16-17 D '59

Studying the aromatic hydrocarbons of kerosene fractions obtained from the Romashkino petroleum (Minnibayevo sector) and Bavly field. E. A. Robinzon and others. Izv. vys. ucheb. zav.; neft' i gaz 2 no.11:99-105 '59

Useful book. K. V. Kostrin. Neftianik 3 no.8:31 Ag '58.

PETROLEUM PRODUCTS—ELECTRIC PROPERTIES

Dielectric constants of petroleum emulsions [with summary in English]. S. P. Klimanin. Koll. zhur. 21 no.6:731-740 N-D '59.

PETROLEUM REFINERIES
(see also subdivision under Omsk)

Oil refinery planning and its shortcomings. V. V. Sredin. Neftianik 4 no.12:11-14 D '59

Shortcomings in designing oil refining installations. M. Antipov. Neftianik 4 no.12:30 D '59

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Automatic control of electric-desalting and pressure vacuum installations. R. S. Nagumanov. Neftianik 4 no.11:15 N '59.

Brief news. Khim. i tekh. topl. i masel 5 no.1:73 Ja '60

Establishing duration standards on interrepair periods for petroleum refining installations. V. I. Borodkin. Neftianik 4 no.8:29-30 Ag '59.

Using calculation methods for estimating the corrosion of condensers in petroleum refineries. A. S. Figurnov. Khim. i tekh. topl. i masel 5 no.1:59-62 Ja '60

PETROLEUM REFINERIES—FIRES AND FIRE PREVENTION

Fire department training grounds. P. Chebotarev. Pozh. delo 5 no.11:20-21 N '59

How to prevent fires in retort-tank chambers. N. Sorokin. Pozh. delo 5 no.11:8 N '59

PETROLEUM WORKERS
(see also subdivision under Neftyanye Kamni region)

Rosglavneftesnabsbyt. [Reference book on labor and wages for petroleum workers] Spravochnik po trudu i zarabotnoi plate dlia rabotnikov neftebaz. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 322 p.

PETROLEUM WORKERS—EDUCATION AND TRAINING
(see also subdivision under Al'met'evsk; Yadm region)

Pay greater attention to industrial training. A. Smirnov, N. Serebriakov. Neftianik 3 no.9:26-27 S '58.

PETROLOGY see subdivision under Donets Basin, Krasnouralsk region; Techa region (Chelyabinsk Province)

PETROLOGY—STUDY AND TEACHING

First conference on teaching sedimentary petrography. M. S. Shvetsov. Izv. vys. ucheb. zav.; geol. i razv. 2 no.9:121-122 S '59.

PETROPAVLOVKA REGION (CRIMEA)—ROCKS, IGNEOUS

Upper Triassic volcanism in the Crimea. V. I. Lebedinskii, A. I. Shalimov. Dokl. AN SSSR 132 no.2:445-447 My '60.

PETROPAVLOVSK—COMMUNIST YOUTH LEAGUE

Friendly cooperation among people of different ages. M. Michelelun. Part. zhizn' Kazakh. 38[i.e. 39] no.12:56-58 D '59

PETROPAVLOVSK—LOCOMOTIVES—MAINTENANCE AND REPAIR

Mechanize time-consuming production processes. G. Daniliov. Nar. khoz. Kazakh. no.12:75-76 D '59.

PETROPAVLOVSK—SOCIALIST COMPETITION

A good start is supported by the people. Nar. khoz. Kazakh. no.11:79-80 N '59.

PETROV, ALEKSANDR MIKHAILOVICH, 1899-

Aleksandr Mikhailovich Petrov, on his 60th birthday. Med. paraz. i paraz. bol. 28 no.5:628 S-O '59

PETROVICHEV, PETR IVANOVICH, 1874-1947

They sing of the beauty of the native land. N. P. [illegible] Iskusstvo 23 no.7:56-60 '59.

PETROZAVODSK—FLIGHT TRAINING

Don't seek any shortcuts. A. Il'iashenko. [illegible] no.9:27 S '59

PETROZAVODSK—TECHNOLOGICAL INNOVATIONS

The turning point. [illegible] 11 Ja '60

PETRUNIA, STEPAN PANTELEIMONOVICH, [illegible]

Stepan Panteleimonovich Petrunia; [illegible] and the 40th year of his medical [illegible] Okh. zdor. 14 no.7:46 '59.

PHACELIA

The honey plants phacelia and [illegible] value. O. V. Kop[illegible] [illegible] no.7:260-270 '59

PHAGOCYTOSIS

Dynamics of some [illegible] inflammation of the periodontal tissues [illegible] I. IA. [illegible] '59

Phagocytosis and inflammation at early [illegible] development of white rats [with [illegible]] A. K. Dontsov [illegible] O '59

PHARMACOPOEIAS

Chronology of [illegible] Apt. delo 8 no.6:[illegible]

PHARMACY
(see also subdivision under White Russia)

Development of [illegible] Apt. delo [illegible]

"Drug therapy" [illegible] Apt. delo [illegible] N-D '59.

"[illegible] Institute," [illegible] Apt. delo [illegible]

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHARMACY—CONGRESSES

[illegible]

PHARMACY—NOMENCLATURE

[illegible]

PHARMACY—STUDY AND TEACHING

Development of [illegible] Apt. delo 8 no.6:44 [illegible]

PHASE MODULATION

[illegible] A. A. [illegible]

Investigation of parasitic phase [illegible] voltage of an amplifier [illegible] MFT no.31:44-54 '58

PHASE RULE AND EQUILIBRIUM

Crystallization of ternary [illegible] W. A. Kriskin. [illegible] no.1:110-116 '59

Crystallographic relations [illegible] transformations. V. I. A[illegible] [illegible]

Determining surface tension [illegible]

Determining the activation [illegible] transformation of [illegible]

Distribution [illegible] of white cast iron [illegible] no.12:18-22 D '59

Equilibrium in the [illegible] system [illegible] water at 25° [illegible]

Investigating reaction [illegible] transition [illegible] V. I. Ars[illegible] Izv. vys. ucheb. zav. [illegible]

Liquid - vapor equilibrium [illegible] Zhur. prikl. khim. 32 no.8:[illegible] Ag '59

Magnitude of anti[illegible] phase [illegible] alloy [illegible] [illegible]

Nature of the [illegible] phase in [illegible] Fe [illegible] F. V. [illegible] Fiz. metal. i metalloved. 8 no.5:[illegible] N '59

Phase [illegible] L. N. Frantsevich [illegible]

PHASE RULE AND EQUILIBRIUM (Continued)

Phase equilibria in water-salt systems at high temperatures. M I Ravich Itogi nauki· Khim nauki 4·122-138 '59.

Phase transformation hypothesis observed in the Kravz-Tarnavskii band M V Rastegaev Metalloved i term obr met no 12 19-23 D '59

Phase transformations of solid state zinc. A. F. Plekhanov, M. I. Kochnev. Trudy Inst. met. UFAN SSSR no. 3 37-42 '59.

Structural changes in ferric magnesium cast iron A. I IAtsenko Metalloved i term obr met no 12 47-30 D '59

Structural characteristics in the transformation of austenite to pearlite. E. I. Mirovskii. Izv. vys. ucheb. zav., chern. met. 2 no. 9.115-118 S '59.

Study of the liquid phame equilibrium in the system water - isooctane - aniline. A. D. Sheveleva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:881-885 '59.

Studying the phenomena of austenite stabilization under the effect of phase strain hardening. I. M Zakher and others. Izv. AN SSSR. Otd tekh. nauk Met. i topl. no. 2 93-103 Mr-Ap '60.

PHENANTHRENE

Some phenanthrene derivatives. S. V. Bogdanov, L. S. Shibriaeva. Khim. nauka i prom 4 no 5:675 '59.

PHENANTHRENEQUINONE

Sulfonation of 2- and 4-nitrophenanthrenequinones. V. I. Sevast'ianov. Zhur. prikl. khim. 31 no. 4:658-660 Ap '58.

PHENOBARBITAL

Acyl derivatives of barbituric acid. Part 1: N-benzoylluminal. L. P. Kulev and others. Zhur. ob. khim. 30 no. 4:1385-1387 Ap '60.

PHENOL

Aromatic compounds with long side chains. Part 4. Synthesis of nitro- and amino-substituted of 4-tert. butyl-, 4-isooctyl-, and 4-(, -dimethylbenzyl)phenol. L. N. Nikolenko and others. Zhur. ob. khim 30 no. 4. 1336-1339 Ap '60.

Preparation of vinylphenols in the catalytic cracking of certain dihydroxydiarylalkanes. V. L. Vaiser, V. D. Riabov, B. M. Piriatinskii. Dokl. AN SSSR 132 no. 2 349-352 My '60.

PHENOL CONDENSATION PRODUCTS see subdivision under White Russia

PHENOLS

Chemical composition of phenols in the intermediate tar fraction from the semicoking of Baltic oil shales. E. E. Feofilov, G. N. Garnovskaia, E. P. Parshina Trudy VNIIPS no. 4:205-217 '55.

Composition of alkyl phenols used in the preparation of additives to lubricants. O. V. Kal'nitskii, V N. Monastyrskii. Khim. i tekh topl i masel 5 no. 1:35-43 Ja '60.

Contraceptive properties of certain polyphenols. R. P. Tel'nova. Akush. gin. 35 no. 6:11-13 N-D '59.

Countercurrent dephenolization of tar water by butyl acetate and the problem of mass transfer. B I. Ivanov, IU. A Kazak Trudy VNIIT no. 8·203-212 '59

Dephenolization of shale tar water by means of an anionite. B. I. Ivanov, N F. Sharonova, Z F. Shul'man. Trudy VNIIT no. 8.213-219 '59.

Isolating phenols from the intermediate tar fraction obtained from the semicoking of Baltic oil shales, using methyl alcohol solutions. G. N. Garnovskaia. Trudy VNIIPS no. 4:199-204 '55.

Mechanism of the inhibiting action of polyphenols and the role of oxygen. G. P. Belonovskaia, Zh. D. Vasiutina, B. A. Dolgoplosk. Zhur. prikl. khim. 32 no. 8:1824-1830 Ag '59.

Physical and chemical properties of WS_2 catalysts. Report No. 5: Catalytic activity of an unmixed WS_2 catalyst in the reaction of hydrogenation of phenol. S. M. Samoilov, A. M. Rubinshtein. Izv. AN SSSR Otd. khim. nauk. no. 3:427-434 '60.

Plastics based on phenolic alcohols and gypsum (gypsum resites). A. A. Vasil'ev, A. A. Vansheidt. Zhur. prikl. khim. 32 no. 12:2810-2811 D '59.

Production of phenols from crude oil. N. D. Piniagin. Neftianik 4 no. 11:30-31 N '59.

Purification of phenolic waters from the thermal treatment of oil shales by condensation with formaldehyde. B. I Ivanov, K A. Galutkina. Trudy VNIIT no 8.220-225 '59.

Reaction of phenol esters with phosphorus trichloride (synthesis of triarylphosphines, aryldichlorphosphines and some of their derivatives). I S. Protopopov, M. IA. Kraft. Med prom. 13 no 12:5-10 D '59.

Recovery of alkali from salt solutions after the decomposition of phenolates. E. E. Feofilov, G. N. Garnovskaia, E. P. Parshina. Trudy VNIIPS no. 4.218-222 '55.

PHENOTHIAZINE

Effect of cobalamine on dehydrogenase activity in tissues of rabbits under normal conditions and in a state of hypothermia [with summary in English] IU. V Lekhno, R. V Chahovets' Ukr biokhim zhur. 31 no 5 691-699 '59

Phenothiazones. Part 4· Bromophenothiazine sulfoxides and bromodiphenylamine sulfones. C. Bodea, M Raileanu Zhur ob. khim. 30 no 4 1131-1135 Ap '60.

PHENOXIDE

Conductometric analysis of free alkali in phenolates. A. L. Shtein Koks i khim no 12 41-44 '59.

PHILIPPINE LITERATURE—HISTORY AND CRITICISM

The development of Philippine literature [with summary in English]. Angel Santos. Probl. vostokoved. no. 2· 61-69 '60.

PHILOSOPHY

(see also subdivision under Bulgaria; Japan)

Akademiia obshchestvennykh nauk. Kafedra istorii filosofii. [Russian progressive philosophical thought of the 19th century, from 1830 to 1870] Russkaia progressivnaia filosofskaia mysl' XIX veka 30-60-e gody. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 476 p.

"History of philosophy." Vols 1-2 Reviewed by V. V. Zen'kovskii Vest Inst po izuch SSSR no 3·142-145 Jl-S '59

Oizerman, T. I. [Basic features of present-day bourgeois philosophy] Osnovnye cherty sovremennoi burzhuaznoi filosofii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 11, Filosofiia, no. 8)

Present-day philosophical irrationalism. M. Popovych. Nauka i zhyttia 9 no. 12:55-56 D '59.

Unsuccessful effort to revive pragmatism ("The self as agent" [in English] by John MacMurray. Reviewed by A. Titarenko). Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4 213-217 '59.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—DICTIONARIES

Brief Russian-Kazakh list of philosophical terms [introduction in Kazakh]. Vest. AN Kazakh. SSR 15 no. 12: 39-40 D '59.

PHILOSOPHY—PERIODICALS

Philosophical periodical of the institutions of higher education. S. Popov. Kommunist 37 no. 8 117-122 My '60.

PHILOSOPHY, AMERICAN

Bodnar, Jan. [Present-day philosophy in the U. S. A. Translated from the Czech] O sovremennoi filosofii SShA. Moskva, Sotsekgiz, 1959. 246 p.
(NNC)

PHILOSOPHY, ANCIENT

Zen'kovskii, V. V. [Course in ancient philosophy] Kurs drevnei filosofii. [Parizh? 1951?] 54 p. (Vysshie zhenskie bogoslovskie kursy v Parizhe)
(WU)

PHLEBITIS

Leg bone changes in thrombophlebitic trophic ulcers. N. L. Napalkov. Vest. rent. i rad. 34 no. 2·82-83 Mr-Ap '59.

Surgery for varicose dilatation of the superficial veins of the lower extremities in the presence of thrombophlebitis [with summary in English]. A. A. Babaev. Vest. khir. 83 no. 11:54-56 N '59.

PHONETICS

Principles of general phonetics; a lecture series. J. Baudouin de Cortenay. Vop iaz. 8 no. 6:124-127 N-D '59.

Zinder, L. R. [General phonetics] Obshchaia fonetika. [Leningrad] Izd-vo Leningr. univ., 1960. 335 p.

PHOSPHATASE

Some data on the distribution of phosphatase in cats' organs. K. A. Zufarov, E. K. Shishova. Izv. AN Uz. SSR, Ser. med. no. 6·35-41 '59.

PHOSPHATE COATING

Investigating the process of parkerizing steel in the presence of trivalent metal nitrates and nitric acid. I. I. Khain. Zhur. prikl. khim. 32 no. 12:2662-2667 D '59.

PHOSPHATES

Effect and aftereffect of superphosphate on tea plantations in the Lenkoran zone. R. K. Guseinov. Izv. AN Azerb. SSR, Ser. biol. i sel'khoz. nauk no. 6:111-122 '59.

Mobility of the P_2O_5 of superphosphate applied simultaneously with manure. A. S. Arutiunian. Agrobiologiia no. 6:936-938 N-D '59.

Phosphate concentration in grassland rotation fields. P. V. Nosov. Nauch. dokl. vys. shkoly; biol. nauki no. 2: 203-206 '60.

Ultraviolet fluorescence of nucleic acids and polyphosphates. L. S. Agroskin and others. Dokl. AN SSSR 131 no. 5·1440-1443 Ap '60.

Use of the electrostatic precipitator in decontaminating waste gases from the fluosilicate branch of the superphosphate manufacturing process. N. Sh. Safiullin. Khim. prom. no. 6:539-540 S '59.

Using low-grade potassium and phosphate fertilizers on collective farms of Sumy Province. L S. Vakal, V. P. Vishnevskii, V. G Litvin. Ud. i ur 4 no. 12 32-33 D '59

Using phosphates in sausage manufacture M. TSys', IA Pembek. Mias ind SSSR 30 no 6 46 '59

Water-salt systems including orthophosphates. E. B. Brutskus, M. L. Chepelevetskii. Itogi nauki· Khim nauki 4·109-121 '59

PHOSPHIDES

Etching of binary and ternary phosphide eutectics in pig irons. IA. N. Malinochka, N. G. Osada. Zav. lab. 25 no. 12:1523-1524 '59.

PHOSPHINE

Reaction of phenol esters with phosphorus trichloride (synthesis of triarylphosphines, aryldichlorphosphines and some of their derivatives) I S. Protopopov, M IA. Kraft Med. prom. 13 no 12·5-10 D '59

Synthesis of unsaturated nitro compounds using triphenyl phosphine. Report No. 1: Reaction of carbomethoxymethylenetriphenylphosphine with aromatic nitroaldehydes. S. S. Novikov, G. A. Shvekhgeimer. Izv. AN SSSR Otd. khim. nauk no. 4:673-677 Ap '60.

PHOSPHINE OXIDE

Phenyl-bis(trichloromethyl)phosphine oxide, phenyltrichloromethylphosphonic acid and their derivatives. L. M. IAgupol'skii, P. A. IUfa. Zhur. ob. khim. 30 no. 4: 1294-1299 Ap '60.

PHOSPHINIC ACID

Esters of ethyl-β-chlorovinylphosphinic acid. V. S. TSivunin, G. Kamai. Dokl. AN SSSR 131 no. 5:1113-1116 Ap '60.

PHOSPHONIC ACID

Phenyl-bis(trichloromethyl)phosphine oxide, phenyltrichloromethylphosphonic acid and their derivatives. L. M. IAgupol'skii, P A. IUfa. Zhur. ob. khim. 30 no. 4. 1294-1299 Ap '60.

Studies in the series of derivatives of phosphonic and phosphinic acids. Part 13. Some mixed esters of ethylphosphonic acid and their biological activity. A. I. Razumov, N. G. Zabusova. Zhur. ob. khim. 30 no. 4: 1307-1310 Ap '60.

PHOSPHONITRILE CHLORIDE

Radiation method of synthesizing certain derivatives of phosphonitrile chloride. V. I. Spitsyn and others. Dokl. AN SSSR 131 no. 5:1106-1108 Ap '60.

PHOSPHONOTHIOIC ACID

Esters of arylfluoro- and arylfluorothiophosphonic acids. L. M. IAgupol'skii, Zh. M. Ivanova. Zhur. ob. khim. 30 no. 4:1284-1287 Ap '60.

PHOSPHORESCENCE

In regard to M. G. Kaminskii's article "'Ballistic' method of investigating the decay of phosphorescence " B. A Piatnitskii. Opt. i spektr. 7 no. 4:577-578 O '59.

PHOSPHORIC ACID

Kinetics of vapor phase hydration of ethylene on a phosphoric acid catalyst. A. I. Gel'bshtein, IU. M. Bakshi, M. I. Temkin. Dokl. AN SSSR 132 no. 2 384-387 My '60.

Present-day status and trends in the manufacture of phosphoric acid abroad (by pyrolytic processes). N. N. Postnikov. Khim. prom. no. 6:544-551 S '59.

PHOSPHORITES

Coagulation of phosphorite slimes. A. I. Angelov, T. P. Tishchenko. Khim. prom. no. 6:537-539 S '59.

Decomposition of Karatau phosphorites by nitric acid containing ammonium sulfate. S. A. Sigov, IU. I. Ibragimov. Uzb. khim. zhur. no. 6:12-16 '59.

PHOSPHOROUS ACID

Addition of esters of phosphorous and phosphinous acids to conjugated systems. Part 9: Addition of trialkylphosphites to α-diketones. V. A. Kukhtin, K. M. Orekhova. Zhur. ob. khim. 30 no. 4:1208-1216 Ap '60.

Esters of unsaturated phosphonous acids. M. I. Kabachnik, E. N. TSvetkov, Chang Jung-yü. Dokl. AN SSSR 131 no. 6:1334-1337 Ap '60.

Reactions of dialkylphosphorous acids with quinones. P. I. Sanin and others Dokl AN SSSR 132 no. 1:145-149 My '60.

PHOSPHORUS

Effect of phosphorus on structural transformations and properties of low-alloy electrical steel. S. I. Doroshek. Fiz. met. i metalloved. 8 no. 5:770-776 N '59.

Effect of phosphorus on the growth and development of Actinomyces rimosus [with summary in English]. Z. M. Zaitseva, G. R. Mikhailova. Mikrobiologiia 28 no. 6· 863-869 N-D '59.

Effect of seeding density on the availability of phosphorus to plants. P. O. Dmytrenko, V. S. Shturmova. Dop. UASHN 2 no. 6:23-26 N-D '59.

Peculiarities of phosphorus oxidation during the fusion of the burden in the scrap and hot metal process. V. I. D'iachkov. Trudy Ural. politekh. inst. no. 75:42-58 '59.

Phosphorus oxidation during the fusion of the burden in the scrap and pig process. V. I. D'iachkov. Trudy Ural. politekh. inst. no 75:26-41 '59.

Using the total chemical analysis of leaves to determine the nitrogen and phosphorus requirement of spring wheat during the florescence period [with summary in English]. N. K. Boldyrev. Pochvovedenie no. 11:104-114 N '59.

PHOSPHORUS—ANALYSIS

Rapid method for the quantitative determination of phosphorus in coal. M.V. Voinalovich, G V. Sipovskii Dokl. AN Tadzh. SSR 2 no. 3:11-15 '59

PHOSPHORUS—ISOTOPES

How pollinating spring wheat with the pollen from various varieties affects the accumulation of radioactive phosphorus in pistils [with summaries in English, German, and French] Liu Ta-chun Vest sel'khoz nauki 4 no 12 120-125 D '59

Method for simultaneous determination of the volume of extracellular "sulfate" space and the volume of circulating blood in an intact organizm by the use of radioactive sulfur and phosphorus [with summary in English] M A Khvoinyts'ka Ukr biokhim zhur 31 no 5 759-764 '59

Radiophosphorus therapy in certain skin diseases. A.F. TSiurko. Vest.rent.i rad. 31 no.2,91-92 Mr-Ap '59.

PHOSPHORUS—THERAPEUTIC USE

Therapeutic use of radioactive phosphorus (P^{32}) in corneal ulcers [with summary in English]. N.D. Kadyr-Zade. Oft. zhur. 14 no.7·424-429 '59.

PHOSPHORUS CHLORIDE

Phosphorus pentachloride as a complex-forming agent in reactions with metal chlorides. IA.A. Fialkov, IA.B. Bur'ianov. Rab po khim. rastv. i kompl. soed. no 2· 82-115 '59.

Reaction of phenol esters with phosphorus trichloride (synthesis of triarylphosphines, aryldichlorphospines and some of their derivatives) I S Protopopov, M IA. Kraft Med prom. 13 no 12·5-10 D '59

PHOSPHORUS COMPOUNDS

Phosphorus-containing polyesters and polyamide resins. K A. Petrov, V A Parshina Khim nauka i prom 4 no 5·686-687 '59

Reaction of amidation of some compounds of trivalent phosphorus. K.A. Petrov, O.S. Urbanskaia. Zhur. ob. khim. 30 no. 4:1233-1238 Ap '60.

PHOSPHORUS IN THE BODY

Changes in the amount of phosphours compounds in various parts of the central nervous system in lateral amyotrophic sclerosis [with summary in French]. A.A. Mittel'shtedt, K.M. Makarova. Zhur nerv i psikh. 59 no.12:1444-1446 '59.

Phosphorus compounds and lactic acid in brain and heart tissues of hypothermic animals during cardiac arrest and during restoration of systemic circulation by a series of therapeutic procedures [with summary in English]. Z.A. Raiko, I.R. Petrov, T.E. Kudritskaia Fiziol. zhur. 45 no. 12:1489-1496 D '59.

State of inorganic phosphorus in the protoplasm. L.N. Pisareva. TSitologiia 1 no. 6:653-660 N-D '59.

PHOSPHORUS METABOLISM

Dynamics of nucleic acids and other phosphorus-bearing compounds in leaves of the "Diamant" wheat during its ontogenic development. L.N. Kazanskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 2:153-157 '60.

Effect of various types of muscular activity and experimental "training" on the renewal of labile phosphorus compounds in the muscles of animals [with summary in English] L H Leshkevych Ukr biokhim zhur 31 no 5 700-708 '59

Oxidative phosphorylation and polyphosphate synthesis in cells of Azotobacter vinelandii. G.N. Zaitseva, A.N. Belozerskii, L.IU. Frolova. Dokl. AN SSSR 132 no. 2. 470-473 My '60.

Study of some phosphorus compounds in yeasts [with summary in English]. S.A. Konovalov, R.N. Grebeshova. Mikrobiologiia 28 no. 6·838-845 N-D '59.

PHOSPHORUS ORGANIC COMPOUNDS

Results obtained from testing new phosphorus organic systemic insecticides in controlling red spiders on plum trees. N.E Aleksidze, G.V Dolidze. Vin. SSSR 19 no 8:31 '59.

Synthesis and investigation of the complex-forming capacity of some phosphorus organic compounds. M.I. Kabachnik and others. Izv. AN SSSR Otd. khim. nauk no. 4:651-657 Ap '60.

PHOSPHORS

Activator trapping centers and activator luminescence centers in alkali halide phosphors. I.A. Parfianovich, E.I. Shuraleva. Izv. vys. ucheb. zav., fiz. no. 5:139-147 '59.

"Candoluminescence" and surface recombination emission of phosphors in an atmosphere of an active gas A N. Gorban', V A. Sokolov Opt i spektr. 7 no. 4:569 O '59.

Initial stages in the firing of phosphors with several types of levels. V.V. Antonov-Romanovskii. Opt i spektr. 7 no. 4:524-529 O '59

Luminescence of impurity centers. Part 1. A.M. Ratner, G.E. Zil'berman. Fiz. tver. tela 1 no. 11:1697-1706 N '59.

PHOSPHORYLATION

Thermoregulating disunion of respiration and phosphorylation. S.E. Severin and others. Dokl. AN SSSR n 6·1447-1450 Ap '60

PHOTOCOLORIMETERS see Colorimeters

PHOTOCONDUCTIVITY

Effect of surface treatment on the spectral distribution for photoconductivity of p-silicon V A Petrusevich Fiz tver tela 1 no 11,1695-1696 N '59.

PHOTOELECTRIC CELLS

High-speed reading of characteristics of rectifier photocells. A IA Gliberman Prib. i tekh. eksp no 6:86-88 N-D '59

PHOTOELECTRIC MEASUREMENTS

Photoelectric luxmeter for near infrared. V.I. Zhuravlev, I L Zel'manovich Prib. i tekh eksp no. 6:98-99 N-D '59

Photoelectric system of lining in. E.M. Fekliatov. Trudy MIIGAIK no. 22:61-67 '56.

Pulkovo photoelectric unit of the time service operating with an a c supply [with summary in English] V B Sukhov, IU P Platonov. Izv GAO 21 no 2 52-70 '58

PHOTOELECTRIC MULTIPLIERS

Secondary electron emission from Al_2O_3. M.M. Kozlovskii. Sbor stud nauch. rab LEIS no. 1·32-43 '59.

PHOTOELECTRIC MULTIPLIERS—TESTING

Pulse-rise time of some photoelectric multipliers. V.V. Paramonov, B.V Rybakov, V A Sidorov. Prib i tekh eksp. no 6:89-90 N-D '59.

PHOTOELECTRICITY

Current-voltage characteristics of the photoelectron emission of germanium. P.H Borziak, P.M Marchuk, O.H Sarbei. Ukr fiz. zhur. 4 no. 4 525-526 Jl-Ag '59.

Investigating the kinetics of photoelectric processes in semiconductors. V.A Romanov Prib. i tekh eksp no 6·70-74 N-D '59.

Photoelectron emission of germanium and silicon in the amorphous and crystalline states P H. Borziak, L S Myroshnychenko, O.H. Sarbei. Ukr. fiz. zhur. 4 no. 4 524-525 Jl-Ag '59.

PHOTOGRAMMETRY

Stereophotogrammetric mapping of submerged relief. B.G. Potapenko. Trudy Vost.-Sib. fil. AN SSSR no. 10: 244-267 '59.

PHOTOGRAPHIC EMULSIONS

Use of surface active agents in the production and processing of photosensitive materials. S M Levi, O K. Smirnov. Khim nauka i prom. 4 no 5:629-635 '59.

PHOTOGRAPHIC INTERPRETATION (MILITARY SCIENCE)

Topographical interpretation of aerial photographs from the airplane and helicopter in mapping inaccessible areas. L.A. Bogomolov. Trudy MIIGAIK no. 30:47-54 '59.

PHOTOGRAPHIC LENSES see Lenses, Photographic

PHOTOGRAPHIC SENSITOMETRY

Scientific discussion on the sensitometry of black-and-white and color photographic materials. Tekh. kino i telev. 3 no. 11·92-93 N '59.

PHOTOGRAPHIC SURVEYING

Bugaets, E.A. [Photogrammetry in mining] Fotogrammetriia v gornom dele. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 243 p.

PHOTOGRAPHS—CONSERVATION AND RESTORATION

For future generations. A. Dauval'ter. Sov. foto 19 no. 11: 64 N '59.

PHOTOGRAPHS ON GLASS

For future generations. A. Dauval'ter. Sov. foto 19 no. 11: 64 N '59.

PHOTOGRAPHY

D.I. Mendeleev and photography. T. Kudriavtseva, A. Syrov. Sov. foto 19 no. 11:63-64 N '59.

Man has seen everything. B. Liapunov. Chto chitat' 2 no. 12 10 D '59.

PHOTOGRAPHY—COMPETITIONS

Photo contest of "Sovetskoe foto." Sov. foto 19 no. 11:80 N '59.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Development apparatus for blueprint development without ammonia. A.V. Pozdniakov. Rech. transp. 18 no. 12: 46-47 D '59.

Rapid method. M. Likhtsinder. Sov. foto 19 no. 11:62 N '59.

PHOTOGRAPHY—ENLARGING see subdivision under Czechoslovakia

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Readers exchange practices. Sov. foto 19 no. 11:61-62 N '59.

PHOTOGRAPHY—EXHIBITIONS

(see also subdivision under Berlin; Moscow; Peiping; Vienna)

Photographs shown on the television screen. I. Fvte. Sov. foto 19 no. 11,71-73 N '59.

PHOTOGRAPHY—PRINTING PAPERS

What will be the response of amateur photographers? P. Vladimirov, M. Sukhotin. Sov. foto 19 no. 11,65 N

PHOTOGRAPHY—RESEARCH

Where new developments are born. V. Petrov. Sov. foto 19 no. 11,57-60 N '59.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Critique and bibliography; book about the second vision ("The man saw everything" by S. Morozov. Reviewed by V. Pekelis). Sov. foto 19 no. 11·77 N '59.

Optimal slope angle in photography for measuring combustion velocity [with summary in English]. N.N. Bakhman. Inzh.-fiz. zhur. no. 1:94-97 Ja '60.

Where new developments are born. V. Petrov. Sov. foto 19 no. 11 57-60 N '59.

PHOTOGRAPHY, AERIAL

New variants of the use of slot cameras in aerial photographic surveying. V.I. Avgevich. Trudy MIIGAIK no. 22,47-52 '56.

PHOTOGRAPHY, INFRARED

Infrared photographic materials and their hypersensitization [with summary in English]. I.I. Breido, A.A. Markelova. Izv. GAO 21 no. 3·174-181 '58.

PHOTOGRAPHY, PARTICLE TRACK

Investigating showers consisting of 200,000 particles registered on a nuclear photographic plate [with summary in English]. N.L. Grigorov, M.A. Kondrat'eva Zhur. eksp. i teor. fiz. 37 no. 3:684-689 S '59.

Measuring angles in nuclear interactions of fast particles V M Chudakov Prib i tekh eksp no 6:37-38 N-D '59.

Nuclear interactions of protons with energies of 8.7 Bev with photographic emulsions [with summary in English] G.B. Zhdanov and others. Zhur. eksp. i teor. fiz. 37 no. 3:620-633 S '59.

Secondary stars created by the interaction of protons with an energy of 8.7 BeV with nuclei of the photographic emulsion [with summary in English]. G.B. Zhdanov and others. Zhur. eksp. i teor. fiz. 37 no. 3·611-615 S '59

PHOTOGRAPHY, SUBMARINE—INDUSTRIAL APPLICATIONS

Estimating the stocks of Atlantic-Scandinavian herring by simultaneous echo sounding and submarine photographic surveying. I.N. Barankeev, B.P. Solov'ev. Ryb. khoz. no. 10:7-9 O '59.

PHOTOMECHANICAL PROCESSES

We must organize production of artistic facsimile reproductions M.I. Flekel'. Poligr. proizv. no 12·7-9 D '59

PHOTOMETERS

Logarithmic photometer for the 0,7 to 1,2μ region. V.I. Dianov-Klokov. Prib. i tekh eksp no 6:91-94 N-D '59.

Universal electrophotometer. V.I. Miukhkiuria. Trudy GGO no. 93·70-80 '59.

PHOTOMETRY

Brightness distribution in the day and night sky. K.K. Korchigina, V.I. Miukhkiuria, T.A. Smirnova. Trudy GGO no. 93:95-103 '59.

PHOTOMETRY, ASTRONOMICAL

Applying methods of photographic astrometry to problems in the study of meteors. A.K. Sosnova. Biul Kom po komet. i meteor. AN SSSR no. 4·19-33 '59.

Errors of an article. A.D. Zamorskii. Izv. AN SSSR. Ser. geofiz. no. 5:762-763 My '60.

Photometry of noctilucent clouds by an amateur astronomer. N.N. Sytinskaia. Biul. VAGO no. 24:28-36 '59.

PHOTONS

Accuracy of absolute measurements of the intensity of a photon beam from a synchrotron target by means of ionization chambers I.N. Usova Prib. i tekh. eksp no. 6 17-19 N-D '59.

Photon counter with a control grid. S.M. Perel'man, V.I. Malinin, N.M. Shiutte. Prib. i tekh. eksp. no. 6 95-97 N-D '59.

PHOTOPERIODISM

Developmental characteristics of mountain varieties of soybean (Glycine hispida (Moench) Maxim) [with summary in English] Shao Ch'i-ts'uan Bot zhur 44 no. 10 1445-1452 O '59.

Relation between photoperiodism and respiration in plants [with summary in English]. M. Kh. Chailakhian, N.P. Aksenova. Fiziol. rast 6 no. 6:699-708 N D '59

PHOTOSYNTHESIS

(see also subdivision under Arctic regions)

Carbon dioxide release by sugar beet leaves exposed to light A. S. Okanenko, D. M. Grodzinskii, V. P. Batiuk. Dokl AN SSSR no 6:1460-1463 Ap '60

Effect of secretions of the birch Betula verrucosa Ehrh on photosynthesis in the English oak (Quercus robur L.). M. V. Kolesnichenko Dokl AN SSSR 132 no 1 220-222 My '60.

Enzymatic reduction of carbon dioxide. E. A. Boichenko, G N Saenko. Fiziol rast 6 no 6:719-721 N-D '59.

Increasing the photosynthetic rate in sugar beets by special treatment of seeds before sowing. Kh M Pochynok, A. S Okanenko Dop UASHN 2 no 6 10-13 N-D '59.

Relation between the assimilation rate and chlorophyll content in phytoplankton V I Gaponenko Vestsi AN BSSR Ser biial nav no 4 138-141 '59

PHTHALANILIC ACID

Carbohydrate function of the liver in patients with acute bacillary dysentery treated with phthalazol and synthomycin Vrach delo no 11 1181-1185 N '59.

PHTHALAZINE

Synthesis of apressin. V. B. Braslunas, A. S. Podzhiunas. Med. prom 13 no 12:20-22 D '59

PHTHALIC ACID

Catalytic transformations of the dimethyl ester of o-phthalic acid I. I Ioffe, N V. Klimova, A. O. Zisman. Khim. nauka i prom 4 no. 5:687 '59

Production of terephthalic acid from n,n'-dialkyl derivatives of diphenyl ethane. A. E. Kretov and others. Zhur. prikl. khim. 32 no. 12:2767-2771 D '59.

Separation of isomeric phthalic acids by means of partition paper chromatography [with summary in English]. L. V Golosova. Zhur anal. khim. 14 no. 6:746 N-D '59.

PHTHALIMIDE—SPECTRA

Effect of the solvent on the electron spectra of phthalimides. L G Pikulik. Trudy Inst. fiz i mat. AN BSSR no. 3:167-175 '59.

PHYSICAL EDUCATION AND TRAINING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigieny. [Physical training] Fizicheskoe vospitanie; sbornik. Pod red. V. N. Koronovskogo i Z. I. Kuznetsovoi. Moskva, 1959. 277 p.

Athletes of the Soviet Union. Fizk i sport 20 no 11:1-2 N '59.

Best relaxation. I. Osipov. Mast. ugl. 8 no. 12:28-29 D '59.

Development of strength, speed of motion, and endurance in sports training of different types [with summary in English]. N. N. IAkovlev and others. Fiziol. zhur. 45 no. 12:1422-1429 D '59.

How we organize the physical education classes. V. Suhak. Sav. shkola no. 6:31-34 N-D '59.

Hygienic significance of the physical education of schoolchildren and the future of its development. A. A. Minkh, F. M. Turovskaia. Vest. AMN SSSR 14 no. 12:17-24 '59.

Improve the training of physical education teachers. G. V. Fol'shin. Sred. spets. obr 6 no. 11:51 N '59.

Leningrad. Gosudarstvennyi institut fizicheskoi kul'tury imeni P. F. Lesgafta. [Session devoted to the 40th anniversary of the Great October Socialist Revolution; summaries of reports] Nauchnaia sessiia, posviashchennaia 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; tezisy dokladov. Leningrad, 1957. 12 p. (DNLM)

Physical education. R. T. Raevskii. Sred. spets. obr. 6 no. 11:49-49 N '59.

Shakhverdov, G. G., ed. [Principles of instruction in physical exercises] Printsipy obucheniia fizicheskim uprazhneniiam; sbornik statei. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 126 p.

To become stronger. Sp. igry 5 no. 12:24 D '59.

PHYSICAL EDUCATION AND TRAINING—HYGIENIC ASPECTS

Kukolevskii, G. M. [Doctor's advice to the athlete] Sovety vracha sportsmenu. Moskva, Gos. izd-vo med. lit-ry, 1959. 188 p. (Nauchno-populiarnaia meditsinskaia literatura)

PHYSICAL EDUCATION FOR CHILDREN

Planning physical education classes in small schools. A. I. Vishnevskii. Nach. shkola 27 no. 12:85-87 D '59.

PHYSICAL GEOGRAPHY

(see also subdivision under Aral Sea region; Beloye, Lake, Kokchetav Province; Enbekshi-Kazakhskiy District; Irtysh Valley; Karaganda Basin; Laptev Sea region; Saumalkol', Lake; Shalkar, Lake; Stalinabad; Turgay Gates)

[Climatic and structural geomorphology] Voprosy klimaticheskoi i strukturnoi geomorfologii; sbornik perevodnykh statei. Pod red. IU. A. Meshcheriakova. Moskva, Izd-vo inostr. lit-ry, 1959. 232 p.

PHYSICAL GEOGRAPHY—AUDIO-VISUAL AIDS

On a geographical lot. P. Bobrov. Nar. obr. no. 5:83-89 My '60.

PHYSICAL GEOGRAPHY—STUDY AND TEACHING

On a geographical lot. P. Bobrov. Nar. obr. no. 5:83-89 My '60

PHYSICAL THERAPY

Comparative evaluation of certain physiotherapeutic methods for the treatment of patients with peptic ulcer [with summary in English]. L. M. Maltan Terap. arkh 31 no 12:26-30 D '59.

PHYSICALLY HANDICAPPED

(see subdivision under Penza Province; Vladimir)

We have all the ingredients for good cooking! A Artamonov Sots. obesp 20 no 11 33-34 N '59

PHYSICALLY HANDICAPPED—REHABILITATION

(see also subdivision under Moscow; Rostov-on-Don)

Be more energetic N Vishniak Sots obesp. 20 no 11 36-37 N '59

Most important task of producers cooperative societies. N. Muravʹeva. Prom. koop. 13 no. 12:18-19 D '59.

There is need for reorganization. B. Talitskii. Sots. obesp 20 no. 12:26-28 D '59.

PHYSICIAN AND PATIENT

Kontskii, F. M. [Physician and patient; development of medical service and basic elements of medical ethics] Vrach i bol'noi; kul'tura meditsinskogo obsluzhivaniia i osnovnye elementy vrachebnoi etiki. Izd. 3. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. 105 p. (DNLM)

PHYSICIANS see subdivision under Termez District

PHYSICIANS—BIOGRAPHY see subdivision under Azerbaijan

PHYSICIANS, RUSSIAN

Rostotskii, I. B. [Physician without rank] Lekar' bez china. Moskva, Medgiz, 1959. 1 v. (DNLM)

PHYSICS

Moscow. Inzhenerno-fizicheskii institut. [Problems in theoretical physics; a collection of articles] Nekotorye voprosy teoreticheskoi fiziki, sbornik statei. [Moskva] Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii, 1958. 186 p. (CU)

PHYSICS—ABSTRACTS

[Physics; abstracts nos. 10141-12860.] Referativnyi zhurnal: Fizika no. 5 My '60.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—PHILOSOPHY

Lenin on the relation of modern physics to philosophy. B. M. Kedrov. Vest. AN SSSR 30 no. 4:20-29 Ap '60.

Materiality of matter and the field. I. I. Zhbankova. Trudy Inst. filos. AN BSSR no. 1:113-132 '58.

Present-day form of atomism. M. A. Markov. Vop. filos. 14 no. 4:125-135 '60.

V. I Lenin and modern physics (on the 50th anniversary of the publication of V. I. Lenin's "Materialism and empiriocriticism") [with summary in English]. M V Pasichnyk Ukr. fiz. zhur. 4 no. 4 415-427 Jl-Ag '59

Vavilov, S. I. [Lenin and physics; collected articles] Lenin i fizika, sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 94 p. (Nauchno-populiarnaia seriia)

PHYSICS—PROBLEMS, EXERCISES, ETC.

Shaskol'skaia, M. P., and I. A. El'tsin. [Collection of selected problems in physics] Sbornik izbrannykh zadach po fizike. Pod red. S. E. Khaikina. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 207 p.

PHYSICS—STUDY AND TEACHING

Analogies in the physics course of secondary schools. S. E. Kamenetskii. Izv. APN no. 106:123-147 '59.

Concerning the draft physics program for evening (staggered) schools. L. E. Ventskovskii. Sov. pedag. 23 no. 12:48-51 D '59.

Contemporary methods of teaching physics in secondary schools and their objective in connection with the carrying out of technical education. D. D. Galanin. Izv. APN no. 106:3-40 '59.

Contents of a secondary school course in physics. A. K. Abas-Zade. Sov. pedag. 23 no. 12:46-48 D '59.

Development of students' thinking during physics classes in secondary schools. V. F. IUs'kovich. Izv. APN no. 106:41-62 '59.

Experimental study of the subjects "Heat and work" in the ninth grade and "Direct electric current" in the tenth grade. E. E. Evenchik. Izv. APN no. 106:91-98 '59.

Methods of preparing students for laboratory work in physics. I. M. Rumiantsev. Izv. APN no. 106:149-164 '59.

Section of physics teachers. Rad. shk. 38 no. 12:48-49 D '59.

Some remarks on the contents of school courses in physics. D. D. Galanin. Sov. pedag. 23 no. 12:44-46 D '59.

Technical creativeness of students in a physics club. V. G. Razumovskii. Izv. APN no. 106:165-171 '59.

PHYSIOLOGICAL APPARATUS

Apparatus for determining the tone balance of antagonistic muscles of the trunk. V. S. Farfel', IA. M. Kots. Ortop., travm. i protez. 20 no. 11:72-74 N '59.

Mechanicophotoelectrical converters. IU. E. Moskalenko. Fiziol zhur. SSSR 45 no 7:883-886 Jl '59.

Simplified design of a photostimulator for physiological research. A. IA Supin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:67-68 '60.

Some changes suggested for conditioning technics. M. Goly, M. Horvat. Fiziol. zhur. SSSR 45 no. 7:888 Jl '59.

PHYSIOLOGY

On some collections of works on physiology recently published by regional institutions. M. V. Sergievskii, IU. N. Ivanov. Fiziol. zhur. 45 no. 12:1509-1512 D '59.

Resolution passed by the Second Conference on Evolutionary Physiology, dedicated to the memory of Academician L A Orbeli, and the second expanded session of the Learned Council of the Academy of Sciences of the U. S S. R. on the problem "Evolution of physiological functions of animals and man." Fiziol zhur SSSR 45 no. 7:890-898 Jl '59

Second Conference on Evolutionary Physiology, dedicated to the memory of Academician L. A Orbeli, Γ. P. Vodiaev. Fiziol zhur SSSR 45 no. 7:891 Jl '59

Zhukov, E. K., ed. [Human physiology] Fiziologiia cheloveka. Izd. 2. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 606 p.

PHYSIOLOGY—BIBLIOGRAPHY see Bibliography—Physiology

PHYTOGEOGRAPHY

(see also subdivision under Sakhalin)

Geobotanical methods of prospecting for waters in aeration zones of arid areas S. V. Viktorov. Razved i okh. nedr 25 no 10 23-26 O '59.

Gruzdakov, S. I. [Geography of cultivated plants; manual for teachers] Geografiia kul'turnykh rastenii; posobie dlia uchitelia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 143 p.

PHYTOGEOGRAPHY—CONGRESSES

Work at the institutions of higher learning in establishing geobotanical regions; results of the Third Conference at the Moscow University. N. A. Prozorovskii, A. I. Bel'gard. Bot. zhur. 44 no. 12:1782-1783 D '59.

PHYTOL

Synthesis of analogs of geraniol, farnesol, geranylgeraniol, isophytol and phytol. I N. Nazarov and others. Zhur. ob. khim. 30 no. 4:1168-1170 Ap '60.

PHYTONCIDES

Antibacterial properties of bark extracts from some trees and shrubs. M. P. Travkin. Nauch. dokl. vys. shkoly; biol. nauki no. 2:167-169 '60

Antibiotic substances in plant seeds. A. V. Tul'chinskaia. Nauch. dokl. vys. shkoly; biol. nauki no. 2:162-166 '60.

Physiological effect of phytoncides. M. B. Razumovich, V. N. Margolin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:78-83 '60.

PHYTONCIDES—CONGRESSES

Third conference on phytoncides A. A Chasovennaia. Vest LGU 15 no. 9 147-149 '60.

PHYTOPLANKTON

(see also subdivision under Black Sea; Mingechaur Reservoir)

Effect of stratified water masses on primary photosynthetic production in the sea [with summary in English]. IU. I. Sorokin. Zhur. ob. biol. 20 no. 6:455-463 N-D '59.

Relation between the assimilation rate and chlorophyll content in phytoplankton. V. I Gaponenko Vestsi AN BSSR Ser biial nav. no 4:138-141 '59.

PHYTOSOCIOLOGY

Recent data on experimental study of plant relationships. V. N. Sukachev. Biul. MOIP. Otd. biol. 64 no. 4.35-46 Jl-Ag '59.

Studying the vitality in herbaceous plants and subshrubs L. P. Rysin Bot. zhur. 44 no. 10:1476-1478 O '59.

PHYTOSTEROLS

How modern methods of processing sulfate soap affect its phytosterol content. A. L. Agranat. Trudy LTA no. 87:91-102 '59.

PIANISTS see subdivision uner Moscow

PIANO MUSIC—HISTORY AND CRITICISM see subdivision under Armenia

PIECEWORK

Piecework wages on a state farm. D. Sal'nikov. Sots. trud no. 12:125-127 D '59.

PIERS

Transformation of wind waves at an isolated pier. N. D. Shishov. Trudy Okean. kom. no. 4:146-148 '59.

PIG IRON see Cast iron

PIGEONS

Mechanism of head movements in pigeons [in Azerbaijani with summary in Russian]. Sh. A. Rustamova. Izv. AN Azerb.SSR.Ser.biol.i sel'khoz.nauk no.6:95-101 '59

PIGMENTS

[White pigments for paper coating] Pigmenty dlia melovaniia bumagi. Moskva, Goslesbumizdat, 1959. 107 p.

PILING (CIVIL ENGINEERING)
(see also subdivision under Noril'sk)

Change No.1 in Part 3 of "Construction norms and regulations." Biul.stroi.tekh. no.12:5/73 D '59.

Covering sheet piles with large reinforced concrete slabs. A.IA.Iutskin. Gidr.stroi. 28 no.4:46 Ap '59.

Vibration driving of piles and sheet-piles. V.S.Shevchenko. Osn., fund.i mekh.grun. no.6:15-16 '59.

PILOCARPUS see subdivision under Abkhazia

PILSEN--AUTOMOBILE INDUSTRY

One hundredth anniversary of the Skoda Works. Izobr.i rats. no.1:64 Ja '60.

PILSEN--MACHINERY INDUSTRY--HYGIENIC ASPECTS

Sharp weapons. Okhr.truda i sots.strakh. no.12:71-73 D '59.

PIMENOV, IURII IVANOVICH, 1903-

They sing of the countryside surrounding Moscow. V. Tikhonov. Moskva 3 no.6:222-223 '59

PINE
(see also subdivision under Archangel Province, Daghestan; Karelia; Kola Peninsula; Siberia, Transbaikalia)

Characterization of light conditions in biological groups of pine of various stand density. O. M. Kulpikov. Izv.vys.ucheb.zav.; les.zhur. 2 no.6:32-38 '59

Comprehensive utilization and restoration of Siberian pine forests. G.V.Krylov, 10 P. Ishimov. Les.khoz. 12 no.12:65-68 D '59

Conference on the utilization and restoration of Siberian pine forests. A. Mukin. Vest.sel'khoz.nauki 4 no.12:149-150 D '59.

Dates for seeding pine. L.A.Ershov. Izv.vys.ucheb.zav.; les.zhur. 2 no.5:170-171 '59

Effect of the drainage of forest soils on physical and mechanical properties of pine wood. N.I.Fedorov. Nauch. dokl.vys.shkoly; lesoinzh.delo no.3:51-55 '59.

Effect of various disinfectants on the force of germination and sprouting of Scotch pine seeds. A.A.Prilutskaya. Izv.vys.ucheb.zav.; les.zhur. 4 no.6:10-44 '59.

Establish high-yielding pine plantations. V.A.Shul'gin. Les.khoz. 12 no.12:72-73 D '59.

Growth and productivity of certain types of oak and oak-pine forests. L.P.Koval'. Nauch.dokl.vys.shkoly; lesoinzh.delo no.3:19-22 '59.

How the concentration of organic substances in soil affects the growth of pine plantations. V.N.Gvatukin, T.N. Lamanskaia. Izv.vys.ucheb.zav.; les.zhur. 2 no.5:15-21 '59

Production of organic matter in pine stands at various light intensities. V.F.Marosmi. Vestsi AN BSSR Ser.biial.nav. no.4:31-42 '59

Vitamin-rich meal ground from pine needles. A.IAkubiak. Nauk.i pered.op.v sel'khoz. 9 no.12:21 D '59.

PINE--DISEASES AND PESTS see subdivision under Buzuluk Valley; Karelia; Lithuania, White Russia

PINENE

In vivo experiments on the effect of α-pinene on oxygen absorption and glycolytic activity of the rat brain [with summary in English]. M. M. Epshtein. Ukr.biokhim.zhur. 31 no.5:751-758 '59.

Using polychloropinene against potato beetles. I. A. Iliarevich. Zashch.rast.ot vred.i bol. 4 no.3:46 My-Je '59.

PING PONG see Table tennis

PINITE see subdivision under Novgorod-Severski

PINNIS, RUDOLFS, 1902-

Paintings by Rudolfs Pinnis. G. Druzhenkova. Iskusstvo 22 no.12:35-37 '59

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Dnepropetrovsk; Moscow)

Every "little star" should have its own leader. I. Malorova, N. Petrenko. Sem'ia i shkola 14 no.12:5-7 D '59.

Extracurricular work on foreign languages and Pioneer ranks. O. A. Preobrazhenskaia. Inostr.iaz.v shkole no.6:50-54 N-D '59.

The pioneer is judged by his deeds. A. I. Gusev. Nach. shkola 27 no.12:55-62 D '59.

Solemn pledge of the young Pioneer of the Soviet Union. Sem'ia i shkola 13 no.3:3 Mr '58.

A year of work according to Pioneer ranks. N. V. Barabanova. Nach.shkola 30 no.1:19-30 Ja '60.

[Your detachment is the "fellow traveller of the seven-year plan"] Tvoi otriad - "sputnik semiletki." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 43 p.

PIPE

AKB-3 keys for screwing and unscrewing pipes. A. S. Dvoretskii. Neftianik 4 no.11:20-21 N '59.

Double-walled pipes. IU.P. Kurdinovskii. Nauka i zhizn' 26 no.12:67 D '59.

Equivalent roughness of steel and cast iron pipe. G. A. Sapolkin. Dokl.AN Tadzh.SSR 1 no.4:23-26 '59.

Ushakovskii, V.M. [Using new materials and designs of pipes during the current seven-year plan] Primenenie novykh materialov i konstruktsii truboprovodov v tekushchei semiletke; lektsiia dlia studentov VZIITa V-VI kursov vsekh spetsial'nostei. Moskva, Vses. zaochnyi in-t inzhenerov zhel.-dor. transp., 1959. 19 p.

PIPE--WELDING
(see also subdivision under United States)

Improve welding and insulating quality control methods. G.M.Skoblov, N.A.Chizhov. Stroi.truboprov. 4 no.9:24-26 S '59.

PIPE, GLASS

Shapiro, I.E., and E.G. Frolova. [Glass pipes; production and use] Stekliannye truby; proizvodstvo i primenenie. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 158 p.

PIPE, PLASTIC see subdivision under Arkadak

PIPE, STEEL

Improve the quality of steel pipes. A.I.Leviland. Standartizatsiia 23 no.11:10-19 N '59.

Using welding techniques in making rolled steel pipes. V.P.Belik. Avt.prom. no.12:[illegible] D '59.

PIPE BENDING

Pipe bend angle meter. V.K.Andrienko. Stroi.truboprov. 4 no.9:27 S '59.

PIPE FITTINGS

Dub, B.I. [Pipe fittings for high-pressure piping systems] Armatura truboprovodov vysokogo davleniia. Izd.2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 230 p.

Efficient uses of heat-resistant steels for the manufacturing of fittings. S.I.Ilichkov, M.M.Gorodnichii. [illegible] no.11:[illegible] N '59.

Standard fittings for industry and shipbuilding. V.I. Sobolian, S.V.Lopenko. Rech.transp. 18 no.11:[illegible] N '59.

PIPE MILLS
(see also subdivision under Sumgait)

Cold pipe rolling on a continuous mill. V.M.Burdin. Izv.vys.ucheb.zav.; chern.met. no.[illegible] '59.

Efficiency of the cold rolling of pipes. V.A.Plotnikov. Koks i khim. [illegible] no.12:[illegible] D '59.

PIPELINES

Are flanges necessary in medium and low pressure pipelines? V.I. Postnikov. Khim.i neft. mash. no.12:17-18 D '59.

Iakobeeva, S.I. [Analyzing economic aspects of using various methods in making elements of underground crossings of main pipelines] Analiz ekonomichnosti metodov proizvodstva rabot po zagotovke elementov podzemnykh perekhodov magistral'nykh truboprovodov. Moskva, Otdel nauchno-tekhn. informatsii, 1959. 82 p.

Determining stresses from gravitational load in the calculation of pipelines. V.A.Sakhlabo. [illegible] 7 no.1:[illegible] Ja '60.

Determining the pressure of saturated soil on pipelines. M.V.Malyshev. Gidr.stroi. 30 no.12:10-11 D '59.

Improve the designing of pipelines and pipeline installations. Stroi.truboprov. 4 no.9:27-29 S '59.

Kozhinov, V.P. [Theory of the free submersion of pipelines and its use in constructing subaqueous crossings] Teoriia svobodnogo pogruzheniia truboprovoda i ee primenenie v praktike ustroistva podvodnykh perekhodov, nauchnoe soobshchenie. Moskva, Izd-vo M-va kommun.khoz. RSFSR, 1959. 53 p.

Reorganizing the management of pipeline construction. A.I. Babaian. Neftianik 4 no.12:28 D '59

Selecting pipeline tracks. M.I.Krinitsyn. Stroi.truboprov. 4 no.9:16-17 S '59.

Toward new achievements. Stroi.truboprov. 4 no.9:1-3 S '59.

PIPELINES--BIBLIOGRAPHY see Bibliography--Pipelines

PIPELINES--CATHODIC PROTECTION

Designing electrochemical anticorrosion protection installations for underground pipelines. V.V.Krasnoiarskii. Stroi.truboprov. 4 no.9:11-14 S '59.

Using communication lines for transmitting electric power to cathodic protection line stations. N.V.Despalov, M.IA.Egorov. Stroi.truboprov. 4 no.9:7-11 S '59.

PIPELINES--REPAIRING

Mechanization of pipeline repairs. V.V.Borisov. Neftianik 4 no.11:17-18 N '59

PIPELINES--SAFETY MEASURES

Vorob'ev, N.I. [Safety engineering in [illegible] lines] Tekhnika bezopasnosti pri [illegible] provodov. [Moskva] Izd-vo VTsSPS, [illegible] 174 p.

PIPERAZINE--PHYSIOLOGICAL EFFECT

Comparative studies on anthelmintic [illegible] of piperazine [with summary in English] [illegible] Ivanova. A. A. Kropacheva [illegible] [illegible] 20 [illegible] 5:[illegible]

PIPERIDINOL

Heterocyclic compounds. [illegible] [illegible] of the [illegible] 2,5-dimethyl-4-piperidinol [illegible] A. [illegible] [illegible] Zhur.ob.khim. [illegible]

PIPERYLENE

Synthesis of isoprene and piperylene [illegible] and formaldehyde. A.M.Kut'in [illegible] khim. 32 no.1[illegible] D '59

PIRITA [illegible]

Automobile and [illegible] [illegible] 12 no.12:[illegible] D '59

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Concerning a little known critique [illegible] surgical investigation of N.I.Pirogov [illegible] Nov.khir.arkh. no.6:[illegible]

First independent scientific work of N.I.[illegible] Kornev. Nov.khir.arkh. [illegible] 112 [illegible]

Participation of N.I.Pirogov [illegible] of the Academy of [illegible] [illegible] 33 [illegible]

Unpublished letters of N.I.Pirogov [illegible] work "Anatomical [illegible] [illegible] [illegible] [illegible] D. [illegible] N-D '59

PIROPLASMA

[illegible]

PIRYATIN [illegible]

[illegible]

PISE

Fedorov, I.N., and V.I. [illegible] in building [illegible] 1959. 34 p. [illegible]

PISTACHIO

[illegible]

PISTOL SHOOTING

Firing pistols that are [illegible] Voen. [illegible] 35 no.4:[illegible] Ap [illegible]

PISTOLS

Russia (1923- U.S.S.R.) [illegible] [Firing instruction for the [illegible] (APS); Nastavlenie po strelkovomu delu [illegible] avtomaticheskii pistolet Stechkina (APS) [illegible] Moskva, Voen.izd-vo M-va [illegible] 1959

Russia (1923- U.S.S.R.) [illegible] [Firing manual [illegible] pistol (AK); Nastavlenie po strelkovomu delu [illegible] Makarova (AK) [illegible] Moskva, Voen. izd-vo M-va [illegible]

Russia (1923- U.S.S.R.) [illegible] [Firing manual. Makarov [illegible] (PM) [illegible] po strelkovomu delu [illegible] (PM). Izd.2., [illegible] Moskva, Voen.izd-vo M-va [illegible] SSSR, 1959. 62 p.

PISTON RINGS

[illegible] [illegible] 119-124 [illegible]

PISTONS

Bending of flat plates. A. S. Mash [illegible] [illegible] no.4:[illegible] 128 '59

Increasing of pistons. [illegible] 22-23 D '59

PITUITARY BODY—INNERVATION

Effect of cervical sympathectomy and transection of the hypophyseal stalk on milk secretion in goats. G. B. Tverskoi. Dokl. AN SSSR 131 no. 5:1215-1218 Ap '60.

PITUITARY BODY—SECRETIONS

Some age characteristics of the effect of the somatotropic pituitary hormone on body weight and urine composition in white rats [with summary in English]. I N. Todorov Dop AN URSR no. 11 1283-1287 '59

PITUITARY EXTRACT

How heat application to the sacrum of cows and the injection of pituitrin affect the conditioned-reflex butterfat increase in milk S. IU. IAroslav and others. Dop UASHN 2 no. 6 38-41 N-D '59.

PITUITARY GLAND

Evidence of separate antidiuretic and vasopressor effects of posterior pituitary hormones [with summary in English]. I. N. Zotikova, I. F. Shenger. Fiziol. zhur. SSSR 45 no. 7:820-825 Jl '59.

Functional state of the hypophysis-adrenal cortex system as a criteria of action of low-intensity chemical factors [with summary in English] P I Spynu Gig i san 24 no 11 26-31 N '59

PLACENTA—RADIOGRAPHY

Determining the site of attachment of the placenta to the uterus using soft tissue roentgenography [with summary in English] IU. L. Kagan. Akush. i gin. 35 no. 6.72-75 N-D '59.

PLACODERMI

Two species of Plourdosteus (Arthrodira) from upper Devonian deposits of the U. S. S. R. O. P. Obrucheva. Paleont. zhur. no. 3-78-94 '59

PLAGUE

The immunology of plague. Report No. 27: Results and prospects of treatment of primary pulmonary plague N. N. Zhukov-Verezhnikov, N. K. Zav'ialova. Klin. med 37 no. 12:33-37 D '59

PLANE TREE

Ancient European plane trees. V. Kh. Tutaiuk. Dokl. AN Azerb SSR 15 no. 12:1165-1169 '59.

PLANETARIA see subdivision under Uzbekistan

PLANETS—OBSERVATIONS

Is it Mars? No, that's the Earth V Zhuravleva. Znan sila 34 no. 12 19 D '59

PLANETS—SPECTRA

Spectral investigations of terrestrial planets on the 50-inch reflector of the Crimean Observatory. N. A. Kozyrev. Izv. Krym. astrofiz. obser. 16:215-216 '56.

PLANETS, MINOR

Accurate positions of minor planets according to photographic observations in Pulkovo [with summary in English]. F. P. Bulatova, O. N. Chudovicheva. Izv. GAO 20 no. 4:133-136 '57.

Approximate determination of the circular orbit of an asteroid [with summary in English]. M. IA. Shmakova, A. S. Sochilina. Biul. Inst. teor. astron 7 no. 1:72-75 '58.

Elements of elliptic and circular orbits of unnumbered minor planets [with summary in English]. M. IA. Shmakova, A. S. Sochilina. Biul. Inst. teor. astron 7 no. 1:76-77 '58.

Observations of minor planets in Simeiz in 1953. P. F. Shain. Izv. Krym. astrofiz. obser. no. 12:182-190 '54.

PLANETS, MINOR—OBSERVATIONS

Simultaneous determination of systematic errors in stellar catalogs and of masses of planets derived from observation of asteroids [with summary in English]. E. N. Makarova. Biul. Inst. teor. astron. 7 no. 1:1-18 '58.

PLANING HULLS

(see also subdivision under United States)

Chernov, M. I. [Vessels with underwater wings] Suda na podvodnykh kryl'iakh. Moskva, Izd-vo "Znanie," 1960. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 10)

PLANKTON see subdivision under Perm Reservoir

PLANT BREEDING

(see also subdivision under Ukraine)

Charles Darwin and some problems of biology [with summary in English]. N. V. TSitsin. Izv. AN SSSR. Ser. biol. 24 no. 6:832-838 N-D '59.

The important mission of wild plants in hybridizing them with cultivated plants. P. M. Zhukovskii Trudy Bot. inst. Ser. 6 no. 7:35-39 '59.

PLANT CELLS AND TISSUES

Localization of substances in tissues of semisavanna plants. L. G. Bregetova, T. G. Popolina. Trudy AN Tadzh. SSR. 97 251-278 '58.

Protein synthesis and cellular structures [with summary in English]. N. M. Sisakian, I. I. Filippovich. Izv. AN SSSR. Ser. biol. 24 no. 6:839-854 N-D '59.

Saccharose transformation in the fibrovascular bundles of sugar beets [with summary in English] M. V Turkina. Fiziol. rast 6 no 6:709-718 N-D '59.

Seasonal variations in the resistance of plant cells to the action of different agents V. IA Aleksandrov, M I. Liutova, N. L Fel'dman TSitologiia 1 no 6:672-691 N-D '59.

PLANT COMMUNITIES

(see also subdivision under Kerch Peninsula; Turgay Gates)

Use of statistical methods in describing plant associations [with summary in English] V. I Vasilevich Vest LGU 15 no 9 64-70 '60

PLANT CUTTINGS

Propagation of woody climbing plants by green cuttings IU A Bibikau Vestsi AN BSSR Ser biial nav no 4 51-60 '59

Shoot ringing on parental plants as a method of propagation. R Kh Turetskaia, N. S Kliushkina. Fiziol. rast 6 no 6:721-723 N-D '59

Vegetative propagation of the nightshade Solanum aviculare Forst I. I. Gerasimenko, P. N Kibal'chich Bot zhur 44 no. 10 1494-1495 O '59

PLANT DISEASES

Brief reports Zashch rast. ot vred i bol 4 no 3 54-56 My-Je '59

PLANT INTRODUCTION

(see also subdivision under Georgia, Kabardino-Balkar A. S. S. R.; Siberia, Western)

General objectives and tasks in the introduction of new useful plants. S IA. Sokolov. Trudy Bot. inst. Ser. 6 no. 7:19-21 '59.

Immediate tasks in the introduction of new useful plants. V. S. Sokolov. Trudy Bot inst. Ser. 6 no 7.22-27 '59

Methods for the selection of starting material in introducing new tree and shrub species. A. M Korneitsyn. Trudy Bot. inst. Ser. 6 no 7.495-498 '59.

Some features of the formation and accumulation of ascorbic acid in plants and their significance for plant introduction. V. A. Deviatnin. Trudy Bot. inst. Ser. 6 no. 7:345-350 '59.

Specific features of artificial selection in plant introduction. A. I. Kuptsov. Trudy Bot. inst. Ser. 6 no. 7 48-52 '59

Study of wild useful plants in nature and during primary introduction. M. M. Il'in. Trudy Bot inst. Ser. 6 no 7: 28-34 '59.

PLANT LICE

(see also subdivision under Lugansk Province; Muminabad District; Soviet Central Asia)

Features of the biology of the raspberry aphid (Aphis idaei V. d. Goot). L. M. Gusynina. Izv. Sib. otd. AN SSSR no. 11 98-101 '59.

PLANT PHYSIOLOGY

Charles Darwin's contribution to plant physiology. M. A. Liubyns'kyi. Ukr. bot. zhur. 16 no. 5:28-40 '59.

Effect of Darwin's theory of evolution on the development of research in certain branches of plant physiology [with summary in English]. I. N Konovalov, D. I. Sapozhnikov, Z. M. Eidel'man Bot zhur 44 no. 11 1546-1552 N '59.

Rubin, B. A. [Lectures on plant physiology] Lektsii po fiziologii rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 221 p.

Significance of Charles Darwin's works for the development of plant physiology TS M Hodneu Vestsi AN BSSR Ser biial nav. no. 4:5-9 '59

PLANT SOCIOLOGY see Phytosociology

PLANT TOURS see Industrial tours

PLANTERS (AGRICULTURAL MACHINERY)

Calculating the rate of feeding for the seeding apparatus of checkrow planters. P. IA. Lobachevskii Trakt. i sel'khozmash no. 1 23-24 Ja '60.

Installing hydraulic equipment on potato planters for lifting furrow openers. M. Gorfinkel'. Tekh. sov. kolkh., RTS, sovkhoz. 20 no. 22:7-11 N '59.

PLANTS—ABSORPTION OF WATER

Effect of aeration on the rate of absorption of water into the cotton plant root system. L. I. Kurgul'tseva. Dokl. AN Uz. SSR no. 11:48-51 '59.

Permeability to water and swelling of the protoplasm [with summary in English] A. M. Alekseev, G I. Sovetova, S. D. Samodelkina. Fiziol. rast. 6 no. 6:649-653 N-D '59.

Relation between the pressure of soil moisture and the sucking power of tree leaves. I. I. Sudnitsyn, IU. L. TSel'niker. Dokl. AN SSSR no. 6:1457-1459 Ap '60.

PLANTS—ANALYSIS

Using the vanadate-molybdate method for determining phosphorus in plants and organic and mineral fertilizers. M. A. IErmekov. Dop. UASHN 2 no. 6:27-30 N-D '59.

PLANTS—CHEMICAL ANALYSIS

Amount of certain trace elements in soils and plant ash in Novosibirsk Province. P. M. Sudarev, V. S. Boiko, N. V. Arnautov. Izv. Sib. otd. AN SSSR no. 11:93-95 '59.

Chromatographic determination of benzene hexachloride in plants [with summary in English] L. M Fukel'man Fiziol. rast 6 no 6:748-750 N-D '59.

PLANTS—CHEMICAL COMPOSITION

(see also subdivision under Kirovsk, Murmansk Province; Siberia, Western)

Accumulation of economically valuable substances in plants under different environmental conditions. N. P. Kir'ialov, I. N. Konovalov. Trudy Bot. inst Ser. 6 no. 7 40-47 '59.

PLANTS—DISEASE AND PEST RESISTANCE

Biochemical principles of immunity in plants. B. A. Rubin. Agrobiologiia no. 6.894-907 N-D '59.

PLANTS—FROST RESISTANCE

(see also subdivision under Irkutsk Province)

Biological characteristics of perennial grasses in relation to their winter hardiness [with summaries in English, German, and French]. S. S. Shain. Vest. sel'khoz. nauki 4 no. 11 44-49 '59.

Change the dates for taking samples of winter crops and perennial grasses. D M. Shcherbina Zemledelie 8 no 1 92 Ja '60

Developing frost-resistant grape varieties in the southern part of the U. S. S. R. S. A Pogosian, S. S. Kachatrian. Agrobiologiia no. 6:852-860 N-D '59.

Effect of cultivation practices on the resistance of grapes to low winter temperatures. P. G. Tavadze. Vin. SSSR 19 no 8:16-19 '59.

Hardening northern arboraceous plants by subjecting them to negative temperatures [with summary in English] I I Tumanov, O. A Krasavtsev. Fiziol rast. 6 no 6: 654-667 N-D '59.

PLANTS—HARDINESS

Seasonal variations in the resistance of plant cells to the action of different agents V IA Aleksandrov, M. I. Liutova, N L. Fel'dman TSitologiia 1 no 6:672 691 N-D '59.

PLANTS—IRRITABILITY AND MOVEMENTS

Changes in the activity of adenosinetriphosphatase in lodged oatstems due to the effect of heteroauxin. N. S. Turkova, R. Berner. Nauch. dokl. vys. shkoly, biol. nauki no. 2.140-143 '60.

PLANTS—METABOLISM

Metabolism of pumpkin roots in dry soil [with summary in English]. V. N. Zholkevich, T. F. Koretskaia. Fiziol rast. 6 no. 6:690-698 N-D '59.

PLANTS—MIGRATION

Classification of anthropochores. N. S. Kamyshev. Bot. zhur. 44 no. 11:1613-1616 N '59

PLANTS—NUTRITION

Borodulina, A. A., and V. I. Runov. [Physiological principles of foliar feeding of plants] Fiziologicheskie osnovy vnekornovykh podkormok rastenii. Tashkent, Izd-vo Akad. nauk UzSSR, 1959. 269 p.

How the reaction of the nutrient media affects plants [with summaries in English, German, and French]. N S Avdonin, N. A Kolosova. Vest sel'khoz. nauki 4 no 12: 21-28 D '59.

Portable agrochemical laboratory. V. Morozova. IUn. tekh. 4 no. 11:59-61 N '59.

Role of separate parts of the root system in plant nutrition I. N. Rakhteenko Dokl AN BSSR 3 no 11:466-471 N '59.

Variation of free amino acid concentration in corn leaves and roots under different conditions of nutrition [with summary in English]. B. P. Pleshkov, T. V. Shmyreva, Sh. Ivanko Fiziol. rast. 6 no 6:668-678 N-D '59.

PLANTS—OPTICAL PROPERTIES

Effect of temperature on spectral properties of suspensions of algae and isolated chloroplasts. T. N. Godnev, R. V. Efremova. Dokl. AN SSSR no. 6:1444-1446 Ap '60.

PLANTS—RESPIRATION

Carbon dioxide release by sugar beet leaves exposed to light. A. S. Okanenko, D. M. Grodzinskii, V. P. Batiuk. Dokl. AN SSSR no. 6:1460-1463 Ap '60.

Method of determining gas exchange in the crown of a tree [with summary in English]. IA. D. Romashko. Ukr. bot. zhur. 16 no. 5:48-54 '59.

Relation between photoperiodism and respiration in plants [with summary in English]. M. Kh. Chailakhian, N. P. Aksenova. Fiziol rast. 6 no. 6:699-708 N-D '59.

PLANTS—SOILLESS CULTURE

Automatization of operations in cultivating vegetables in green houses and hot beds. V. A. Korbut. Biul. tekh.-ekon. inform. no. 12:50-53 '59.

Soilless agriculture. A. Khokhlov. IUn. tekh. 4 no. 11: 44-45 N '59.

PLANTS—TRANSPIRATION

(see also subdivision under Kazakhstan)

Transpiration and cell sap concentration of some forage plants in the deserts of Uzbekistan Z. Sh. Shamsutdinov. Fiziol. rast. 6 no. 6:735-739 N-D '59.

Water regimen of the potato plant in the Yenisey Valley north of the Arctic Circle M. M Hancharyk Vestsi AN BSSR. Ser biial nav no 4:80-81 '59.

PLANTS, CULTIVATED

Gluzdakov, S. I. [Geography of cultivated plants, manual for teachers] Geografiia kul'turnykh rastenii, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 149 p.

PLANTS, EFFECT OF ACIDS ON

Effect of some organic acids on the length of the vernalization period in winter wheat [with summary in English]. [illegible] Bot. zhur. 44 no.10:1437-1444 O '59.

PLANTS, EFFECT OF ANTIBIOTICS ON

Effect of antibiotics and chemicals on the germination and growth of wheat seed. [illegible] Trudy [illegible] 140:167-168 '59.

PLANTS, EFFECT OF ARIDITY ON

Metabolism of pumpkin roots in dry soil [with summary in English]. V. N. Zholkevich, T. F. Koretskaia. Fiziol. rast. 6 no.6:[illegible] N-D '59.

PLANTS, EFFECT OF BORON ON

Applying boron fertilizers to cotton. P. R. Kruglova. Uzb. biol. zhur. no.5:56-61 '59.

PLANTS, EFFECT OF CHEMICALS ON

Effect of antibiotics and chemicals on the germination and growth of wheat seed. S. A. [illegible] Trudy [illegible] 140:164-168 '59.

PLANTS, EFFECT OF CHLORINE ON

Effect of salt leaching and application of fertilizers containing chlorine on sodium absorption by plants. M. V. [illegible], N. M. [illegible] Dokl. AN SSSR 131 no.5:1161-1164 Ap '60.

PLANTS, EFFECT OF COBALT ON

Effect of trace elements on yields and chemical composition of some vegetable crops. [illegible]

PLANTS, EFFECT OF IRON ON

Intensity and qualitative directivity of photosynthesis in chlorotic apple trees [with summary in English]. [illegible] Fiziol. rast. 6 no.6:[illegible] N-D '59.

PLANTS, EFFECT OF LIGHT ON

[illegible]

[illegible]

[illegible]

[illegible]

PLANTS, EFFECT OF METALS ON

[illegible]

PLANTS, EFFECT OF NITROGEN ON

Nitrogen nutrition of rice in Kzyl-Orda Province. I. G. [illegible] Fiziol. rast. 6 no.6:[illegible] N-D '59.

PLANTS, EFFECT OF RADIOACTIVITY ON

[illegible]

PLANTS, EFFECT OF TEMPERATURE ON

[illegible]

Growth and development of mountain varieties of wheat [illegible] [with summary in English]. [illegible] Bot. zhur. 44 no.10:1447-1451 O '59.

[illegible]

Thermal resistance of plants. V. [illegible] Nauka i zhizn' [illegible] no.12:[illegible] '59.

PLANTS, EFFECT OF WIND ON

Installation for the creation of dry wind [with summary in English]. I. B. Fridman. Fiziol. rast. 6 no.6:751-753 N-D '59.

PLANTS, EFFECT OF ZINC ON

Effect of the trace element zinc on its concentration in grapes. [illegible] '60.

PLANTS, FLOWERING OF

(see also subdivision under Moscow Province)

Flowering time of wormwoods of the subgenus Seriphidium (Bess.) Rouy. O. G. [illegible] Bot. zhur. 44 no.10:[illegible] O '59.

PLANTS, ORNAMENTAL

(see also subdivision under Abkhazia; Kazakhstan, [illegible], Sweden, Maritime Territory, Tajikistan)

Introduction of herbaceous ornamental plants from the wild flora of Georgia. D. V. [illegible] Trudy Bot. inst. Ser. 6 no.7:459-461 '59.

Nomenclature, standardization, and registration of ornamental plant varieties. O. M. Polettiko. Trudy Bot. inst. Ser. 6 no.7:410-421 '59.

Use of new plants in ornamental gardening in the central regions of the U.S.S.R. D. V. [illegible] Trudy Bot. inst. Ser. 6 no.7:[illegible] '59.

Use of ornamental plants from the wild flora of the U.S.S.R. S. S. Kharkevich. Trudy Bot. inst. Ser. 6 no.7:[illegible] '59.

PLANTS, PROTECTION OF

(see also subdivision under Lithuania, Kostanay Province; Pskov Province; [illegible] District)

Appeal of Rostov Province specialists to all plant protection workers of the Soviet Union. Zashch. rast. ot vred. i bol. 4 no.3:4 My-Je '59.

Extend the socialist competition between plant protection workers. Zashch. rast. ot vred. i bol. 4 no.3:2 My-Je '59.

Information and brief news. Zashch. rast. ot vred. i bol. 4 no.3:57-59 My-Je '59.

News from journals. Zashch. rast. ot vred. i bol. 4 no.3:62 My-Je '59.

Letters to the editor. Zashch. rast. ot vred. i bol. 4 no.3:60 My-Je '59.

Problems of improving plant protection service. V. [illegible] Zashch. rast. ot vred. i bol. 4 no.3:[illegible] My-Je '59.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLANTS, SPACE ARRANGEMENT OF

Optimum planting density for potatoes in Kirov Province [with summaries in English, German, and French]. [illegible] Vest. sel'khoz. nauki 4 no.12:[illegible] D '59.

PLANTAIN

New preparation from fresh plantain [illegible] juice. V. A. [illegible] Apt. delo [illegible]

PLASMA (IONIZED GASES)

Acceleration of a dense plasma [illegible] Ap '60.

Dispersion equation for an electron plasma in a magnetic field. I. I. [illegible] '59.

Longitudinal waves in a nonisothermal plasma. B. N. Gershman. Izv. vys. ucheb. zav.; radiofiz. 2 no.4:651-656 '59.

[illegible]

Motion of charged relativistic particles in the magnetic field of the constant cylindrical current of a rarefied plasma. N. I. [illegible] Zhur. tekh. fiz. 29 no.11:[illegible]-1451 N '59.

Nonlinear Langmuir oscillations of electrons in a plasma [with summary in English]. M. V. [illegible] Zhur. eksp. i teor. fiz. 37 no.5:[illegible] N '59.

Nonresonance amplification of electron-acoustic waves in a magnetoactive plasma [with summary in English]. [illegible] Zhur. eksp. i teor. fiz. [illegible] '59.

Plasma accelerators. F. Antropov, V. [illegible] 4 no.12:28 D '59.

Possible equilibrium configurations of a thin circular plasma conductor in a magnetic field. [illegible] Zhur. tekh. fiz. 29 no.11:1412-1416 N '59.

Pulsating rotor. I. A. [illegible] no.12:14 D '59.

Relativistic kinetic equations for a plasma. Part 1 [with summary in English]. Iu. L. Klimontovich. Zhur. eksp. i teor. fiz. 37 no.3:735-744 S '59.

Simple waves in the Chew, Goldberger, and Low approximation [with summary in English]. I. A. Akhiezer, R. V. Polovin, N. L. Tsintsadze. Zhur. eksp. i teor. fiz. 37 no.3:756-759 S '59.

Use of a plasma generator as a spectroscopic light source in spectrum analysis [with summary in English]. V. V. Korolev, E. E. Vainshtein. Zhur. anal. khim. 14 no.6:658-662 N-D '59.

Velocity of striations in inert gases. A. V. Nedospasov. Zhur. tekh. fiz. 29 no.11:1388-1390 N '59.

Ways of increasing the stability of highly efficient welding arcs. G. I. Leskov, I. I. Zaruba. Avtom. svar. 12 no.12:34-42 D '59.

PLASTER CASTS, DENTAL

Method for identical molding of plaster casts. M. G. [illegible] Stomatologiia 38 no.6:[illegible] N-D '59.

PLASTERING—EQUIPMENT AND SUPPLIES

Combined pneumatic solution pump under pressure. A. I. [illegible] Mekh. stroi. 16 no.12:[illegible] D '59.

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Criteria of plasticity in press working of metals. M. A. Zaikov, V. M. [illegible] Izv. vys. ucheb. zav.; chern. met. 2 no.8:[illegible] Ag '59.

Equivalent effect of temperature [illegible]

Theory of the ideal plastic [illegible]

PLASTICIZERS

[illegible]

PLASTICS

[illegible]

[illegible] [Plastics [illegible] metal, plastics [illegible]] Moskva, [illegible] 1960. 41 p.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

PLATINUM—COMPOUNDS

[illegible]

[illegible]

[illegible]

PLATINUM COMPOUNDS—ELECTRIC PROPERTIES

Superconductivity of BiPt. N.N. Zhuravlev, A.A. Stepanova, N.I. Ziuzin. Zhur. eksp. i teor. fiz 37 no.3 880-881 S '59.

PLATINUM ELECTRODES see Electrodes, Platinum

PLATUNOV, MIKHAIL GEORGIEVICH, 1887-

Korovkevich, S.V. Mikhail Georgievich Platunov. Leningrad, "Khudozhnik RSFSR," 1959 27 p., illus.

PLATTNERITE see subdivision under Karamazar Mountains

PLATYPHYLLINE

Conductometric determination of seneciphylline and platyphylline. V F. Degtiarev. Med prom 13 no 12:35-40 D '59

PLEIADES

Spectrophotometric investigation of stars in the Pleiades [with summary in English] N.N Gorokhova. Izv GAO 21 no.3 83-93 '58

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

G.V. Plekhanov on family education. N. Barantseva. Sem'ia i shkola 13 no.3:8-9 Mr '58.

PLETHYSMOGRAPHY

Plethysmography and chronaximetry as indicators of central nervous function in glaucoma [with summary in English]. V.IA. Bakurskaia Oft. zhur. 14 no.7: 387-394 '59

PLEURA—TUMORS

Case of primary sarcoma of the pleura. M S. Shul'man, L A Kharin Klin. med 37 no.12:129-131 D '59

PLOWING
(see also subdivision under Gissar Valley; Soviet Far East)

Establishing climatic regions based on the applicability of fall plowing. P.I. Koloskov. Trudy NIIAK no.7:4-9 '59.

Three-layer plowing. A. Smirniagina. IUn. tekh. 4 no.11 46-47 N '59.

PLOWS

Evolution of the plow. M. Dvorkind, S. Lebedev. IUn. tekh. 4 no.11:40-43 N '59.

Plowshare made from... clay. IUn. tekh. 4 no.11:43 N '59.

Silicate plowshare Tekh. mol 27 no.12 10 '59.

PLUM

Pollination and fruiting of plum trees. F.K. Teterev, K.D. Mel'nikova. Agrobiologiia no.6:867-873 N-D '59.

PLUMBING—STANDARDS

Changes in standards. Vod. i san. tekh. no.1:36 Ja '60.

PLUTONIUM COMPOUNDS

Simple and complex carbonate compounds of plutonium (IV). A.D. Gel'man, L.M. Zaitsev. Zhur. neorg. khim. 4 no 12:2688-2696 D '59.

Solubility of ethylenediaminetetraacetic acid in ammonia and hydrochloric acid, and its reactions with uranium (IV) and plutonium (IV). A.E. Klygin, I.D. Smirnova, N.A. Nikol'skaia. Zhur. neorg khim. 4 no.12:2766-2771 D '59.

PLUTONIUM PERCHLORATE

Extraction of plutonium (IV) perchlorate with tri-n-butyl phosphate. A.S. Solovkin, A.I. Ivantsov, E V. Renard. Zhur. neorg. khim. 4 no.12:2826-2827 D '59.

PLYWOOD see subdivision under Finland

PLYWOOD INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanized application of glue to plywood sheets. A.A. Maiatin, B.M Petrov. Izv vys. ucheb. zav., les. zhur. 2 no 6:114-116 '59.

PNEUMATIC CONTROL

Jet power effect in a nozzle-baffle hydraulic amplifier [with summary in English]. I.M. Krassov, B.G. Turbin. Avtom. i telem. 20 no.12:1635-1640 D '59.

The PSP-1 piston-type pneumatic servomechanism. V.M. Gorokhov, V.I. Grishakin, A.I. Lukashenko. Priborostroenie no 12:27 D '59.

PNEUMATIC MACHINERY

Pneumatic switching circuits [with summary in English]. T.K. Berends, A.A. Tal', Avtom. i telem. 20 no.11. 1483-1495 N '59.

PNEUMATIC TOOLS

EPK-2 electropneumatic spike driving tool. N.A. Karpov. Trudy TSNII MPS no.178:79-101 '59.

Effect of the speed of rotation of the drill bit and of the axial force of feed on the rapidity of air hammer drilling. V.D. Legeza Izv. vys. ucheb. zav., gor. zhur. no.6: 34-37 '59.

Pneumatic cleaning of switches V.F. Kharlamov. Put' i put khoz. no.11 16-18 N '59

Story of the pneumatic pick. V. Nemchinov. Mast. ugl. 8 no.2:23 F '59.

PNEUMATIC-TUBE TRANSPORTATION

Effect of solid-particle dimensions on the coefficient of resistance in the motion of a gas suspension [with summary in English] M E Dogin, V P Lebedev Inzh.-fiz zhur no 12:26-30 D '59.

Pneumatic-tube transportation of materials. I.V. Demin. Masl.-zhir. prom. 26 no.1:19-20 Ja '60.

PNEUMONIA

Constancy of the principal clinical symptoms of pneumonia in children under three months old. N A. Saevich Vop. okh mat. i det 4 no.6:88 N-D '59.

Fungous pneumonia in connection with antibiotics treatments O.M. Kozlova Vrach delo no 11 1197-1198 N '59

PODOLIA—HISTORY

Vinnitsa, (Province). Gosudarstvennyi arkhiv. [Podolia during the reconstruction of the national economy, 1921-1925; collected documents and materials] Podillia v period vidbudovy narodnoho hospodarstva. 1921-1925 rr., zbirnyk dokumentiv i materialiv. Red. kol. I.O. Pshuk i dr. Vinnitsia, 1957. 624 p.

PODVYSOTSKAIA, OL'GA NIKOLAEVNA, 1884-

Gorbovitskii, S.E., ed. [Problems in the general pathology, clinical aspects, and treatment of dermatoses, collection in honor of 45 years of scientific, public, pedagogical, and medical activity of Professor Olga Nikolaevna Podvysotskaia, corresponding member of the U.S.S.R. Academy of Sciences, member of the Academy of Sciences of the U.S.S.R., member of the Academy of Medical Sciences of the U.S.S.R., honored scientist of the R.S.F.S.R., and director of the Skin and Venereal Disease Department of the I.P. Pavlov First Leningrad Medical Institute] Voprosy obshchei patologii, kliniki i lecheniia dermatozov; sbornik, posviashchennyi 45-letiiu nauchnoi, obshchestvennoi, pedagogicheskoi i lechebnoi deiatel'nosti zaveduiushchei kafedroi kozhnykh i venericheskikh boleznei I-go Leningradskogo meditsinskogo instituta im. akad. I.P. Pavlova, chlena-korrespondenta Akademii nauk SSSR, deistvitel'nogo chlena Akademii nauk SSR, deistvitel'nogo chlena Akademii meditsinskikh nauk SSSR, zasluzhennogo deiatelia nauk RSFSR, professora Ol'gi Nikolaevny Podvysotskoi. [Leningrad] Medgiz, 1958. 327 p.
(DNLM)

PODZOL see subdivision under Siberia

POETRY—STUDY AND TEACHING

Understanding of creative poetic expression in the fifth grade P.G Vorob'ev. Izv. APN no.109:89-112 '59.

POGONOPHORA

Ivanov, A.V. [Pogonophora] Pogonofory. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p. (Fauna SSSR, no.75)

POINTERS (DOGS)

We need pointing dogs. P. Siverin. Okh. i okh. khoz. 5 no.11:39 N '59.

POISONING

Principal poisons for the extermination of murine rodents and prophylactic measures and first aid in cases of poisoning. A.L. Efimov. Fel'd. i akush. 25 no.1:25-30 Ja '60.

POISONS—PHYSIOLOGICAL EFFECT

Vail', S.S. [Pathological anatomy of diseases caused by poisonous substances] Patologicheskaia anatomiia porazhenii, vyzyvaemykh otravliaiushchimi veshchestvami. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958. 185 p.
(DNLM)

POISONOUS PLANTS

Toxicity of Lepidium coronopifolium Fisch. A.P. Putilin. Bot. zhur. 44 no.11:1665-1666 N '59

POKROVKA DISTRICT—AGRICULTURE

Abramzon, S.M. [Life of workers on collective farms of the Kirghiz villages of Darkhan and Chichkan, the K.E. Voroshilov Collective Farm ("Ala-Too") of Pokrovka District, Issyk-Kul' Province, Kirghizistan] Byt kolkhoznikov Kirgizskikh selenii Darkhan i Chichkan, kolkhoz imeni K.E. Voroshilova ("Ala-Too") Pokrovskogo raiona, Issyk-kul'skoi oblasti, Kirgizskoi SSR. Moskva, Izd-vo Akad. nauk SSSR, 1958. 322 p.
(DC)

POLAND—AGRICULTURAL MACHINERY INDUSTRY

Agricultural machinery industry in Poland. B. Viktorov. Sel'. mekh. no.12:40 '59.

POLAND—AIRPLANES

Progress of our friends. I. Kostenko. Kryl. rod. 10 no.12:27-29 D '59.

POLAND—COAL MINES AND MINING

Coal-mining industry in Poland in 1958. IU. L. Vasianin. Biul. tekh.-ekon. inform. no.12:67-69 '59.

Coal mining Poland. I. Aleksandrov. Mast. ugl. 8 no.12:25 D '59.

POLAND—COMMERCE—HUNGARY

Important negotiations. V. Vershinin. Mezhdunar. zhizn' 7 no.5:127 My '60.

POLAND—EDUCATION

On the eve of a school reform. Waclaw Tulodecki. Nar. obr. no.5:119-121 My '60.

POLAND—ETHNOLOGY—PERIODICALS

New periodical of Polish ethnographers. A. Porits'kyi. Nar. tvorch. ta etn. 3 no.2:150-153 Ap-Je '59.

POLAND—FOREIGN ECONOMIC RELATIONS—RUSSIA

Some aspects of the expansion of the Polish sugar industry IA. N. Dobrovol'skii Sakh. prom 33 no 12 3-9 D '59

POLAND—FOREIGN RELATIONS—RUSSIA

The Andrusovo Armistice, 1667. I.V. Galaktionov. Ist. arkh. no.6:82-90 N-D '59.

The historic significance of the Soviet-Polish treaty Adam Rapacki Nov. vrem. 18 no 17 10 Ap '60

POLAND—HISTORY

The Polish-Turkish War of 1620-1621 and the role of Russia N.S Rashba. Ukr ist. zhur. 3 no 6:77-88 N-D '59

POLAND—HUNTING

Hunting in Poland. Leon Poplawski. Okh. i okh. khoz. 5 no.11:54-56 N '59.

POLAND—INDUSTIRES

Polish show N. Mikhina. Tekh. mol. 27 no 12 24-26 '59

POLAND—INDUSTRIES—MAPS

Atlas of Polish industry S Leszczycki Izv AN SSSR Ser geog no 2 127-132 Mr-Ap '60

POLAND—INLAND WATER TRANSPORTATION

Development of inland water transportation in Poland. A.I. Bronfman. Biul. tekh.-ekon. inform. no.11:60-63 '59.

POLAND—MACHINERY INDUSTRY

Polish Industrial Exhibition in Moscow. N. Mazok. Mashinostroitel' no.1 40-41 Ja '60.

POLAND—MEASURING INSTRUMENTS

Instruments at the Polish Industrial Exhibition. G.I. Kononenko. Priborostroenie no.12 23-24 D '59.

POLAND—MICROSCOPE

Miniature microscope. A.I. Kudriashova. Avt. dor. 22 no.12:31 D '59.

POLAND—MOTION-PICTURE PLAYS

History is brought to life on the screen O. Soban'skii. Isk. kino no.12:159-161 D '59

POLAND—MOTION PICTURES—EQUIPMENT AND SUPPLIES

Motion-picture and television equipment at the Polish Industrial Exhibition. Tekh. kino i telev. 3 no.11:94-95 N '59.

POLAND—MOTOR VEHICLES

At the Polish Industrial Exhibition in Moscow. Za rul. 17 no.11:27 N '59.

POLAND—MOTORTRUCKS—ENGINES

New motortruck compression-ignition engines made in Poland. S. Dobrzynski. Avt. prom. no.12:33-35 D '59.

POLAND—PARASITOLOGY

State and principal lines of research in the field of general parasitology in the Polish People's Republic. Vladimir Mikhailov. Zool. zhur. 38 no.1:145-149 Ja '59.

POLAND—POWER ENGINEERING

Power engineering in Poland and outlooks for its development. S.I. Minorskii. Elek. sta. 30 no.12:66-71 D '59.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

On the eve of a school reform. Waclaw Tulodecki. Nar. obr. no.5:119-121 My '60.

POLAND—SPORTING GOODS

Made in Poland N. Shvylov Fizk i sport 20 no 11: 20-21 N '59

POLAND—SUGAR MACHINERY

Some aspects of the expansion of the Polish sugar industry. IA. N. Dobrovol'skii. Sakh. prom. 33 no.12.3-9 D '59.

POLAND—TELEVISION—EQUIPMENT AND SUPPLIES

Motion-picture and television equipment at the Polish Industrial Exhibition. Tekh. kino i telev. 3 no.11:94-95 N '59.

POLAND—TROUT

Pond rearing of salmon trout and brook trout and their hybrids in Poland. V.M. Naumov. Vop. ikht. no.12: 141-143 '59.

POLAND—WORLD WAR, 1939-1945

At the sources of the collapse of bourgeois Poland ("Historical premises of the collapse of bourgeois Poland" by I D Kondiuba Reviewed by P. M Kalenychenko) Ukr. ist zhur. 3 no 6 153-154 N-D '59

POLAR REGIONS—BIBLIOGRAPHY see Bibliography—Polar regions

POLAR REGIONS—DESCRIPTION AND TRAVEL

Blablnin, A. K. [From the Arctic to the Antarctic, travel diaries] Iz Arktiki v Antarktiku, putevye dnevniki. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 253 p.

POLARIZATION (LIGHT)

On the phenomenological theory of the optical activity of crystals. B. V. Bokut'. Trudy Inst. fiz. i mat. AN BSSR no 3:100 110 '59

POLAROGRAPHY

Analysis of polarographic waves. E. M. Skobets. Zhur fiz khim 33 no. 12:2807-2810 D '59

Rapid polarographic method of studying Artemisia santonica. Teng Shu-hao, Dzhen T'on kui. Apt. delo 8 no. 6:64-67 N D '59.

POLESYE—AGRICULTURE

Our struggle for the reclamation of virgin lands in Polesye. A. Dentsenko. Komun. Ukr. 15 no. 12:20-29 D '59.

POLESYE—SOILS

The soils of Polesye P. Zakharchuk Nauka i zhyttia 9 no 10:31-37 O '59

POLIANTSEVA, ANNA NIKOLAEVNA

Bookkeeper, City Council Deputy Uchet i fin. v kolkh. i sovkhoz 17 no 2:28 29 F '60

POLICE PATROL

Dement'ev, N. V. [Our people maintain law and order] Obshchestvennyi poriadok okhraniaetsia narodom. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 37 p.

POLIOMYELITIS

Home care. N. P. Krylov. Zdorov'e 5 no. 12:20 D '59.

Inoculate children against poliomyelitis! E Leshchinskaia. Sov Krasn Krest 9 no. 6 32-33 N D '59

Prevention of deformations in the locomotor apparatus in acute and convalescent periods of poliomyelitis. A. I. Laptelin, G. R. Kniazeva. Vop. okh. mat. i det. 4 no. 6:8-13 N D '59.

Treatment of acute poliomyelitis in children [in Azerbaijani with summary in Russian]. IA. K. Budagov. Azerb. med. zhur. no. 12:50 55 D '59.

POLIOMYELITIS RESEARCH

Taming a virus. M. P. Chumakov. Nauka i zhizn' 26 no. 12:39-40, 45 D '59.

POLISH ART see Art, Polish

POLISH LANGUAGE—TRANSLATING

How we translated V. I. Lenin's "Philosophical notebooks" into Polish. Tadeusz Kotarbinski. Vop. filos. 14 no. 1:156-157 '60.

POLITICAL CRIMES AND OFFENSES see subdivision under Spain

POLITICAL PARTIES

Same thing under different names IA Heifmon Part zhizn' Kazakh 28[i e 29] no 12 59 63 D '59

POLITICAL PRISONERS see subdivision under Greece; Ukraine

POLITICAL SCIENCE

Akademiia obshchestvennykh nauk. Kafedra istorii filosofii. [Russian progressive philosophical thought of the 19th century, from 1830 to 1870] Russkaia progressivnaia filosofskaia mysl' XIX veka, 30-60-e gody. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 470 p.

Maslin, A. N., and others. [Materialism and revolutionary and democratic ideas in Russia in the 1860's] Materialism i revoliutsionno-demokraticheskaia ideologiia v Rossii v 60-kh godakh XIX veka. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 307 p.

Possibility and reality in the development of Soviet socialist society. A. V. Bolakov. Trudy Inst. filos. AN BSSR no. 1:54-66 '58.

Social and ideological roots of the utopian communism of Meslier, Morelli, and Mably. A. A. Hralo. Trudy Inst. filos. AN BSSR no. 1:217-272 '58.

What is the difference between absolute and constitutional monarchy. A. Akhundov, A. Mishin. Agitator no 23: 62-63 D '59.

POLITICAL SCIENCE—DICTIONARIES

[Political dictionary] Politychnyi slovnyk. Za red. B. M. Ponomar'ova. Vyd. 2. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 675 p.
(NNC)

POLITICAL SCIENCE—TEXTBOOKS

Contest for "Basic principles of political science," a popular textbook for secondary and intermediate schools Kommunist 17 no 8:126-128 My '60.

New publication of the book "Fundamentals of political science." V Talanov, V Fedinin V pom polit samoobr. 3 no 12:91 93 D '59

POLLEN

Meiosis and development of the male gametophyte in the "Uspekh" hybrid and the "Dnepropetrovskaya" corn varieties. L. N. Kondrikova. Vest. Mosk un Ser biol., pochv., geol., geog 14 no 3:21 30 '59.

Overcoming the inbreeding depression in the germination of rye pollen on artificial media. [illegible] Nauch. dokl. vys. shkoly; biol. nauki no. 4:187 190 '59.

Significance of the male gametophyte for the taxonomy of angiosperms [with summary in English] [illegible] Bot zhur 44 no 10 1467 1475 O '59

POLLEN—MORPHOLOGY

Pollen morphology of Liquidambar L. and Altingia Nor. [with summary in English] Chang Chin-Pao Bot zhur 44 no 10 1375 1380 O '59

POLLINATION see Fertilization of plants

POLTAVA—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Poltava Ophthalmological Society for 1958. A. I. Shupik, A. G. Rabinshtein. Oft. zhur. 14 no. 7 447-448 '59

POLTAVA, BATTLE OF, 1709

Incorrect dates of some events connected with the battle of Poltava A M Zaika, O. T Hlibov, H O Bohatskyi Ukr ist zhur. 3 no 6:155 156 N D '59

POLTAVA PROVINCE—CATTLE—FEEDING AND FEEDS

Cattle fattening stations of Poltava Province serving several collective farms. [illegible] 6 no. 12:31 33 D '59.

POLTAVA PROVINCE—DAIRYING

Hello, dear milkmaids! [illegible] 20 D '59.

POLYAMIDES

Effect of the composition of the solution and of the drying system on the microstructure and moisture permeability of nonplasticized polyamide films [illegible] E. V. Zaitseva Izv. vys. ucheb. zav.; tekh. leg. prom. no. 5:38 44 '59

POLYCHAETA

Reproduction and development of [illegible] (Aud. et Edw.) and [illegible] Kiseleva. Trudy [illegible] 11:40 [illegible]

POLYETHYLENE

Increasing the heat resistance of polyethylene plastics by subjecting them to ionizing radiations. V. I. Karpov and others. Khim. prom. [illegible]

POLYMERIZATION

(see also subdivision under Kara Kum, Kyzyl Kum)

Continuous process for the emulsion copolymerization of butyl acrylate with acrylonitrile. [illegible] and others. Khim. prom. no. 6:486 487 '59.

Determining over-all coefficients of heat transfer in a tubular reactor for emulsion polymerization. A. I. Lukina, M. G. Lipets, L. D. Vinokurova. Khim. prom no. 6:491 494 '59.

New cavitation method of emulsion polymerization. [illegible] Dokl. AN SSSR 131 no. [illegible] Ap '60

Use of surface active agents in the preparation and processing of polymers. D. M. Khomikovskii, T. G. [illegible], Z. G. Serebriakova Khim nauka i prom 4 no. 5:598 609 '59.

Viscosity changes of the reaction system in the process of block polymerization of methyl methacrylate with methacrylic acid. Report No. 2. A. V. Ratov, V. V. Guzeev, G. G. Tarakanov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:954 957 '59.

POLYMERS

[The chemistry and technology of polymers; translations from foreign periodical literature] Khimiia i tekhnologiia polimerov, sbornik perevodov iz inostrannoi periodicheskoi literatury 4 no. 5 '60. 151 p

Determination of the form of a chain molecule [illegible] of formed polymers. S. N. Zhurkov, A. I. Slutsker, A. A. Marikhin. Fiz tver tela 1 no 8:1252 1254 [illegible] '59

Method and equipment for determining the [illegible] properties of high melting polymers. M. [illegible], G. I. Kudriavtsev, T. N. Kosheleva. Khim volok [illegible] 29-30 '59.

Polydispersity of polymers, as studied by the method of nonestablished sedimentation equilibrium Part 1 [with summary in English] S. IA. Frenkel' and others. Zhur fiz khim. 33 no 12:2778-2785 D '59

Polymerization of hexylenes and heptylenes on a phosphoric acid catalyst. E G Vol'pova, A V Lister Khim i tekh. topl i masel 5 no 1:32 35 Ja '60

Preparation of new types of [illegible] Dokl AN [illegible]

Relation between the [illegible] formation of [illegible]

[illegible]

On [illegible] of high polymers [illegible] Dokl AN BSSR [illegible] '59

[illegible]

Vitrification of polymers [illegible]

POLYMERS, HIGH see Macromolecular [illegible]

POLYPLOIDY

[illegible]

[illegible]

[illegible] see subdivision under [illegible]

POPOV, ALEKSANDR [illegible]

[illegible]

POPOV, OLEG

[illegible]

POPOVA, OL'GA SPIRIDONOVNA

[illegible]

POPPY

[illegible]

POROSITY

[illegible]

[illegible]

[illegible]

[illegible]

POROUS MATERIALS—[illegible]

[illegible]

[illegible]

[illegible]

PORTAL VEIN—INNERVATION

[illegible]

PORTLAND CEMENT

[illegible]

Investigation of the strength of [illegible]

PORTRAITS—EXHIBITIONS see [illegible] Peiping

PORTRAITS, AZERBAIJANI

[illegible]

PORTUGAL—COLONIES—AFRICA see Africa, Portuguese colonies

POSITRONS

Positron spectra of [illegible]

POSTAGE STAMPS

Airplanes on stamps. I.Kostenko. IUn.tekh. 4 no.12:33-34 D '59.

In a philatelist's album. Sov.Soiuz. no.1·40 '60.

POSTAL SERVICE

(see also subdivision under Leningrad)

Calculation of the required number of mailmen by the number of telegrams delivered I. M. Babashkin. Vest. sviazi 19 no.12·15-16 D '59.

Develop and improve postal service in villages. Vest. sviazi 19 no.12:1-2 D '59.

POSTERS

(see also subdivision under Uzbekistan)

A careless edition. V. Kuz'min. Za rul. 17 no.11:31 N '59

Letter to the editor. Viktor Ivanov. Iskusstvo 22 no.11·66 '59

Meditations over posters. V. Ivanov. Iskusstvo 22 no.7·36-42 '59.

The message of posters. Ukraina no.23:3 D '59.

New propaganda posters Agitator no.1·66 Ja '60.

POSTURE

Features of positional stimuli in a conditioned defense motor reflex. M. F. Koriakin. Fiziol. zhur. SSSR 45 no.7:801 810 Jl '59.

Working posture of a student at the drawing board [with summary in English] A G Sukharev. Gig i san 24 no 11 36-40 N '59

POTASH INDUSTRY see subdivision under Berezniki

POTASSIUM

Dynamics of exchangeable potassium in swampy soils B I IAkushau. Vestsi AN BSSR Ser bital nav no 4 102-111 '59

Using low-grade potassium and phosphate fertilizers on collective farms of Sumy Province L S. Vakal, V P Vishnevskii, V G Litvin Ud i ur 4 no 12 32-33 D '59

Using potassium fertilizers on meadows V U. Pchelkin. Ud i ur 4 no 11 47-53 N '59.

POTASSIUM CHLORATE

Oxidation of potassium iodide to the iodate. S. Mizera, R. Paloush. Zhur. neorg. khim. 4 no.12:2822-2823 D '59.

POTASSIUM CHLORIDE

Physicochemical investigation of the system gallium trichloride - potassium chloride - nitrobenzene. IA. A. Fialkov, Z. A. Fokina. Zhur. neorg. khim. 4 no.12:2752-2758 D '59.

Polarographic investigation of chlorides in an equimolar mixture of fused NaCl and KCl. IU. K Delimarskii, V. V. Kuz'movich. Zhur. neorg. khim. 4 no.12:2732-2738 D '59

POTASSIUM CITRATE

Determining the solubility of silver citrate in potassium citrate solutions. L. I. Vinogradova, L. L. Getskina, V I. Ustinskaia. Zhur. neorg. khim. 4 no.12:2828-2829 D '59.

POTASSIUM COMPOUNDS—MAGNETIC PROPERTIES

Magnetic properties of the salt $K_8[Nb_6O_3(SO_4)_{12}] \cdot 21H_2O$. E. I. Krylov, N. N. Kalugina. Zhur. neorg. khim. 4 no.11:2476-2479 N '59.

POTASSIUM FLUORIDE

Fusibility diagram for a ternary system consisting of sodium, potassium, and calcium fluorides. G. A. Bukhalova, V. T. Berezhnaia. Zhur. neorg. khim. 4 no.11:2506-2509 N '59.

Interaction in the systems $Th(NO_3)_4 - KF(NH_4F) - H_2O$. I. V. Tananaev, Lu Chao-ta. Zhur. neorg. khim. 4 no.12:2796-2802 D '59.

POTASSIUM FLUOTITANATE

Electrical conductivity of melts in the potassium fluotitanate - sodium chloride systems. F. M. Kolomitskii, V. D. Ponomarev. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no.1:21-33 '59.

POTASSIUM IN THE BODY

Role of protein structure and ion adsorption in mechanism of cellular excitation D. Ungar TSitologiia 1 no 6:627-640 N-D '59.

POTASSIUM IODATE

Oxidation of potassium iodide to the iodate. S. Mizera, R. Paloush. Zhur. neorg. khim. 4 no.12:2822-2823 D '59.

POTASSIUM IODIDE

Oxidation of potassium iodide to the iodate. S. Mizera, R. Paloush. Zhur. neorg. khim. 4 no.12·2822-2823 D '59.

Simplified method for determining the potassium iodide in table salt by means of a new iodine reaction. L. N. Lapin. Izv. AN Uz. SSR. Ser. med. no.6:60-65 '59.

POTASSIUM IODOBISMUTHATE

Physicochemical properties of the system potassium tetraiodobismuthate -N- phenyllepidinium perchlorate - water. D. P. Belotskii, B. M. Gutsuliak, N. P. Noval'kovskii. Zhur. neorg. khim. 4 no.12:2772-2774 D '59.

POTASSIUM IODOMERCURATE

Density and index of refraction of $K_2[HgI_4]$ aqueous solutions E. A. Giunner. Zhur prikl. khim. 32 no.8·1868-1870 Ag '59.

POTASSIUM NITRATE

Ternary system consisting of sodium, potassium and barium nitrates. P. I. Protsenko, O. N. Shokina. Zhur. neorg. khim. 4 no.11 2554-2557 N '59.

POTASSIUM SALTS

Systems consisting of potassium sulfate, chromate, and molybdate, and of potassium sulfate, molybdate, and tungstate. Z. A. Mateiko, G. A. Bukhalova. Zhur. neorg. khim. 4 no.11·2567-2570 N '59.

POTASSIUM SULFATE

Fusibility diagram in a system of lithium, potassium, and lead sulfates. E L. Bakumskaia, A. G. Bergman. Zhur neorg. khim. 1 no.12:2739-2743 D '59.

POTATO BEETLE

(see subdivision under Ukraine)

Mixed committees have started to work V V Abramenko Zashch rast ot vred i bol 4 no. 3 50 My-Je '59

Problem of controlling potato beetles. I. A. Churaev Zashch. rast ot vred i bol 4 no. 3 43-44 My-Je '59

Recent developments in the potato beetle control G A Chigarev. Zashch rast ot vred i bol. 4 no. 3 47-48 My-Je '59

Using polychloropinene against potato beetles. I. A. IUrevich Zashch rast ot vred i bol. 4 no. 3 48 My-Je '59

POTATO DIGGER (MACHINE)

Separating potatoes from soil clods and stones [with summaries in English, German, and French]. IU. I. Zinov'ev. Vest. sel'khoz. nauki 4 no. 11:81-89 N '59.

POTATO WART

How the treatment of soil emulsified leather oil affects the 40 causative organisms of potato wart P A Khizhniak. Kh V Sazonik Zashch rast ot vred i bol 4 no 3·49 My-Je '59

Selecting parent material for the development of wart-resistant potato varieties [with summaries in English, German, and French] V. I Sadovnikova and others Vest sel'khoz nauki 4 no 12 113-117 D '59

POTATOES

(see also subdivision under Igarka; Kirov Province)

"Behavior of wild and cultivated species of potatoes in different geographical regions of the Soviet Union" by R. L. Perlova. Reviewed by S. M. Bukasov. Bot. zhur. 44 no.12:1764-1769 D '59.

Development of vegetable and potato growing in the seven-year plan. M. Alisov. Ekon. sel'khoz. 31 no. 1·11-19 Ja '60.

Radugin, P. A. [Early potatoes] Rannii kartofel'. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 84 p.
(DA)

Saving of 38,000 rubles. A. Kulishev. Obshchestv. pit. no.12.42 D '59.

A useful book ("Vegetable and potato growing on floodlands" by M. S. Alisov. Reviewed by N. G. Zhezhel'). Sad i og. 07 no.11:78-79 N '59.

POTATOES—DISEASE AND PEST RESISTANCE

Activity of oxidizing and reducing enzymes and resistance of potatoes to functional diseases due to the effect of gamma radiation. E. N. Mukhin. Dokl. AN SSSR 131 no.5:1177-1180 Ap '60.

POTATOES—DISEASES AND PESTS

Virus diseases of potatoes. A. E. Protsenko. Zashch. rast. ot vred. i bol. 4 no. 3:30-32 My-Je '59

POTATOES—FERTILIZERS AND MANURES

Effect of fertilizers on the starch content of potatoes. V. V. Mishinkima. Dokl. AN Azerb. SSR 15 no. 11:1049-1052 '59.

POTATOES—STORAGE

Isotopes irradiate potatoes. N Gaisin. Sov torg 33 no 1·49-50 Ja '60

POTATOES, SEED see Seed potatoes

POTENTIOMETER

Calculation of shunting potentiometers by means of Chebyshev approximation. S. G. Kislitsyn, F. L. Litvin. Avtom. i telem. 20 no.11:1515-1524 N '59.

Photoelectric current recording by the EPPV-51 recording potentiometer. L. A. Kamionko, L. M. Kotliar. Prib. i tekh. eksp. no.6:118-119 N-D '59.

POTENTIOMETER—STANDARDS

Direct current potentiometers. V. N. Gorbunov. Standartizatsiia 23 no.12·45 D '59.

POTENTIOMETRIC ANALYSIS

Determining the acid content of diesel oils by potentiometric titration using a glass electrode. V. V. Vasil'eva. Trudy TSNII MPS no.180:139-144 '59.

POTERYIAKOV—RADIO CLUBS

Emel'ianov, A. IA. [Radio amateurs in schools; narration of work experiences of a radio club which was organized by the All-Union Volunteer Society for Assistance to Army, Air Force, and Navy in the Poteryaikov seven-year school in Reshetilovka Distr Poltave Province] U shkol'nykh radioliubitelei, rassk ob opyte raboty kruzhka radioliubitelei pervichnoi organizatsii DOSAAF Poteriaikovskoi semiletnei shk Reshetilovskogo raiona, Poltavskoi oblasti. Moskva, I vo DOSAAF, 1959. 37 p. (V pomosh' predsedateliu komiteta pervichnoi organizatsii DOSAAF)

POTTERY see subdivision under Magian Valley; Ross' Valley; Zhitomir

POTTERY, PRIMITIVE

Archaeological works in southern Kirghizistan in 1956. IU. A. Zadneprovskii. Krat. soob. IIMK no.76 63-72 '59.

POULTRY

(see also subdivision under Perelyub District)

Heritable modifications and increased vitality in animal resulting from parenteral introduction of blood and other tissues. P M. Sopikov Trudy NIIP 25·101-132 '58

Heritable modifications in chickens produced by blood transfusion A. M Gromov, P I Feoktistov. Trudy NIIP 25:133-143 '58.

Poultry farms managed jointly by collective farms. F. I. Potekhin, E. N. Skalozubova. Sel'khoz. Povol. 5 no.11 76-78 N '59.

Recent developments in studying the desirable temperat regimen in raising young poultry. N P. Tret'iakov, V. Krylov. Trudy NIIP 25·114-156 '58

Use of antibiotics as a factor in the growth and survival of poultry S. A Babaian. Uch. zap MGZPI 2 5-13 '5

POULTRY—BIBLIOGRAPHY see Bibliography—Poultry

POULTRY—FEEDING AND FEEDS

Experiments in combining the protein constituents of mixed feeds for chicks and young poultry in accordance with their amino acid requirements and feed composit B. I. Kurov. Trudy NIIP 25:183-208 '58.

Feeding norms and schedules for highly productive hens of egg-laying breeds. A. A. Kirkun, S. S. Kudriavtsev, O. I. Maslieva Trudy NIIP 25 157-182 '58.

POULTRY BREEDING

The new Zagorsk chicken strain E E Penionzhkevich, I. K Savel'ev, A. P Chmutova Trudy NIIP 25 49-100 '58

POULTRY HOUSES AND EQUIPMENT

(see also subdivision under Krasnodar Territory; Tuva)

Floating duck house. N. Tikhonov and others. Nauka i pered. op. v sel'khoz. 9 no.12:21-22 D '59.

Large inexpensive poultry house. A. Essenson. Nauka i pered. op. v sel'khoz. 9 no.12·19-20 D '59.

Mechanized wide poultry house. D. F. Brytsyn. Mekh. sil'. hosp. 11 no. 1:25-28 Ja '60.

Using biological heating in the raising of chicks. I. S. Prymich. Kolh. Ukr. 6 no.12:29 D '59.

POULTRY INDUSTRY

(see also subdivision under United States)

In the Central Committee of the CPSU and Council of Ministers of the U. S. S. R. Measures for the improvement of animal products and poultry processing. Mias ind SSSR 30 no.6·1-2 '59.

Today's urgent task. Mias ind. SSSR 30 no. 6 3-6 '59.

POULTRY INDUSTRY—FINANCE see subdivision under Khimki District

POULTRY PLANTS

(see also subdivision under Kazakhstan; Tomilino)

Basic trends in the mechanization of operations in the poultry industry. A Tikhomirov Mias. ind. SSSR 30 no 6:25-27 '59.

Refrigeration at poultry processing plants. Khol. tekh. 36 no 6:68 N-D '59

POULTRY RESEARCH

Principal work results of the All-Union Scientific Resear Institute of the Poultry Industry for the past 25 years. N. P. Tret'iakov. Trudy NIIP 25:3-48 '58.

POUSSIN, NICOLAS, 1594-1665

Gerts, V. K. [Nicolas Poussin; "Landscape with Polyphemus"] Nikola Pussen; peizazh s polifemom. Leningrad, Izd-vo Gos. Ermitazha, 1960. 10 p.

POWDER METALLURGY

Additional weakening of X-ray interferences in metal powder specimens. A. E. Koval'skii, S. V. Semenovskaia, Fiz. met. i metalloved. 8 no.5;794-796 N '59.

Alloys of transition metal borides and other metals. M. S. Koval'chenko, G. V. Samsonov, G. A. IAsinskaia. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2·115-119 Mr-Ap '60.

Changes in electric conductivity during the sintering of metallic powders. V. N. Eremenko, IA. V. Natanzon. Metalloved. i term. obr. met. no.1:39-42 Ja '60.

POWDER METALLURGY (Continued)

Determining the specific surface of powder particles in the production of hard alloys B. V. Deriagin and others TSvet. met. 32 no 11:55-60 N '59.

Homogenization during the sintering of powder metals with unlimited mutual solubility. A.I Raichenko, I.M. Fedorchenko. Vop.por.met.i prochn mat. no.6 3-18 '58.

Increase of porosity in the process of sintering iron-copper mixtures V K Sorokin. Izv vys ucheb zav., chern.met 2 no 8:101-103 Ag '59.

Kinetics of property changes during the isothermic sintering of iron powders. R.A Andrievskii, I.M.Fedorchenko. Vop.por.met.i prochn mat. no.6:19-28 '58.

Porous and compact iron powder tape. A.N.Nikolaev. Metalloved.i term obr met. no 1:28-31 Ja '60

Powdered metals in place of steel. Sh A Airilan, A Ragimov. Neftianik 4 no 12:24 D '59.

Pressing and sintering boride powders. B.N.Babich, K.I.Portnoi, G.V.Samsonov. Metalloved i term obr met no.1:31-35 Ja '60.

Simple method of determining the peak density of powder metals. R.A.Andrievskii. Vop.por met.i prochn.mat. no.6:29-31 '58.

Strength of carbide-base alloys cemented by NiAl and CoAl compounds E I Mozzhukhin, V P Eliutin, IA S.Umanskii Izv vys ucheb zav, chern met no.3:131-135 '60

Temperature dependence of magnetic properties in magnetically texturized specimens of MnBi powder alloys. IA S.Shur and others. Fiz.met.i metalloved. 8 no.5: 678-681 N '59.

Wetting hard surfaces of certain high-melting point compounds with liquid metals. IU.V.Naidich, V.N. Eremenko. Vop.por met.i prochn.mat. no.6.53-64 '58.

POWER ENGINEERING
(see also subdivision under Kazakhstan, Poland)

Appeal from the participants of the All-Union Conference on Power Engineering. Gidr.stroi. 29 no.12:1-4 D '59

Efficient use of electric power is the most important problem of the national economy. Elek.i tepl.tiaga 3 no.12: 1-2 D '59.

Efficient utilization of electricity in the national economy; letter of the Central Committee of the CPSU. Prom energ. 14 no.12:1-4 D '59.

From professional journals. Prom energ. 14 no.12:60 D '59

From professional journals Prom energ. 15 no.1 63 Ja '60.

Ioffe, E.F. [Power engineering] Energetika. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 34 p. (Semiletka Gor'kovskoi oblasti, 1959-1965)

Let us realize the mighty idea of Lenin regarding complete electrification of the whole land, appeal of the participants of the all-Union conference on power engineering construction Elek sta 30 no.12:2-5 D '59

Moskalev, A.G. [Automatic regulation of the operating conditions of a power system according to frequency and active power] Avtomaticheskoe regulirovanie rezhima energeticheskoi sistemy po chastote i aktivnoi moshchnosti. Moskva, Gos.energ.izd-vo, 1960. 239 p.

Porplits, IU.P. [Operation conditions of an electric power system; a lecture] Rezhimy raboty energosistemy; lektsiia. Moskva, Vses.zaochnyi in-t inzhenerov zhel-dor.transp., 1959. 29 p.

Problem of reservation in power engineering systems. V.M.Bykov and V.N.Gusev. Elektrichestvo no.12:77-78 D '59.

Tasks associated with the assurance of power supply Prom energ. 15 no 1 1-4 Ja '60

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—COMMUNICATION SYSTEMS

Outlook for the development of communication facilities for power engineering needs V F Drutskii. Elek. sta 30 no 12:57-59 D '59

POWER ENGINEERING—CONGRESSES

All Union Conference on Power Engineering Construction. G.D.Petrov. Mekh.stroi. 16 no.12:3 of cover D '59.

POWER ENGINEERING—PERIODICALS

Trends in the work of "Promyshlennaia energetika" in 1960 Prom energ 15 no 1:4-5 Ja '60

POWER ENGINEERING—STUDY AND TEACHING see subdivision under Ivanovo

POWER PLANTS

Evaluating long term durability of fastening parts in stationary power plants. E.A.Khein. Energomashinostroenie 5 no.11:1-4 N '59.

POWER PLANTS, ELECTRIC see Electric power plants

POWER PRESSES

Press with a 630-ton lower drive. IU.A.Skuchilin, A.D. Galakhov. Kuz.-shtam.proizv. 1 no 12.43-44 D '59

Protecting from breakage the casing of an automatic crank press starter. S.M.Nekhai, B.Sh Aizenberg Kuz.-shtam.proizv. 1 no 12 43 D '59.

POWER RESOURCES
(see also subdivision under India)

Mechanical power and its resources Ukraina no 2 32 Ja '60

POWER TOOLS

Electromechanical power wrenches. M.S.Pesel'nik, Trudy TSNII MPS no 178:115-125 '59

PRACTICE TEACHING see Student teaching

PRAGMATISM

Unsuccessful effort to revive pragmatism ("The self as agent" [in English] by John MacMurray. Reviewed by A.Titarenko). Vest.Mosk.un.Ser.ekon., filos., prava 14 no.4:213-217 '59.

PRAGUE—OPERA

Review of modern opera in Prague. Pavel Ekshtein Sov.muz 24 no.1:178 Ja '60.

PRECAST CONCRETE

Factory-finished exterior surfaces of autoclave-hardened porous concrete products T.V Kostochkina. Trudy NIIZHB no 8:181-193 '59.

Improving mechanization and automation of prefabricating reinforced concrete construction elements M.A.Pishchik Bet i zhel.-bet no.12:531-534 D '59.

Modernization of machinery in molding departments of precast concrete products plants. E S.TSeitlin Bet i zhel.-bet. no 12 550-555 D '59

Size allowances for molds to be used in making reinforced concrete products L A Liberman. Biul.tekh.inform. po stroi. 5 no.12 18-19 '59

Speed up the automating of industrial processes in precast concrete products plants. F.A.Lapir. Mekh. stroi. 17 no.1 15-20 Ja '60.

Standard designs of precast concrete products plants IU.V.Volkonskii. Bet.i zhel.-bet no 12:539-542 D '59.

PRECAST CONCRETE—TRANSPORTATION

Assembling large-panel houses with materials taken directly from trucks. A G.Baranovskii Mekh stroi. 17 no.1:20-23 Ja '60.

PRECAST CONCRETE CONSTRUCTION
(see also subdivision under Berezniki; Kazakhstan; Lyublino; Moscow; Nikolayevsk Province; Siberia)

Akademiia stroitel'stva i arkhitektury SSSR, Moscow. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Precast prestressed reinforced concrete conveyer galleries] Konveiernye galerei iz sbornogo predvaritel'no napriazhennogo zhelezobetona, opyt tresta No. 19 Glavleningradstroia i instituta "Giprosteklo." Moskva, Gosstroizdat, 1960. 35 p.

Apartment houses built of prefabricated apartment units. E.Smirnov, E.Kaplan. Arkhit.SSSR no.12 11-17 '59.

Assembling precast reinforced concrete long-span galleries. B.M.Gansburg, E.P.Bondar'. Prom.stroi. 37 no.12:29-33 D '59.

Change No.1 in Part 3 of "Construction norms and regulations." Bet.i zhel.-bet. no.12:572 D '59.

Conference on large-panel housing construction. Arkhit. SSSR no.12:41 '59.

Demonstration building of an apartment house in the city of Yurga. V.Milovidov. Zhil.stroi. no.12:6-8 '59.

Designs of multistoried apartment houses E Z.Shatskii. Opyt stroi. 22:67-98 '59

Editorial. Zhil.stroi. no.11:1 '59.

Industrialization of construction and problems in improving the quality of building and assembling operations. K.Ovsiannikov. Arkhit.i stroi.Mosk. 8 no.12.14-15 D '59.

Modern construction elements made of porous concrete. V.V.Makarichev. Trudy NIIZHB no.8:11-19 '59

Multistoried apartment houses. A P.Sedov, I.N.Filippovich Opyt stroi. 22:3-66 '59

New spatial sanitary-engineering unit. K.I.Zazerskii, N.I.Volkov. Biul.tekh.inform.po stroi. 5 no.12:15-16 '59.

New standard plans for Berezniki-type houses. V.M. Karro. Trudy NIIZHB no.8:172 '59.

Open prefabricated room-units for apartment houses. B.Makarychev. Arkhit.SSSR no.12:40-43 '59.

Precast arched livestock buildings. Sil'.bud. 9 no.11: 22 N '59.

Precast monolithic heat-resistant reinforced concrete foundations of coke-oven batteries. P.G.Burlak, S.S.Posternak, N.S.Gutnik. Prom.stroi. 37 no.12: 27-29 D '59.

Precast reinforced concrete construction elements of the powerhouse of the Volga Hydroelectric Power Station. E.I.Ivashchenko Gidr.stroi 29 no.12:5-10 D '59

Precast reinforced concrete slaking towers for coke oven batteries. A.S.Chernyi, V.K.Retlink. Prom.stroi. 37 no.12,24-26 D '59.

Radio dispatcher systems of Housing Construction Combines. M.S.Turov, G IA.Serdiuk. Biul tekh.inform po stroi 5 no.12 8-10 '59

Recent developments in designing industrial buildings. P.G Vetrov. Biul.tekh.inform.po stroi. 5 no.11 5-6 N '59.

Results of the discussion on basic norms and technical specifications for designing concrete and reinforced concrete construction elements for hydraulic structures Gidr stroi 29 no 12:15-17 D '59

Skvortsov, N.F. [Masonry work and assemblage of large-block and large-panel buildings] Kamennye raboty i montazh krupnoblochnykh i krupnopanel'nykh zdanii. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959. 426 p.

Spatial analysis of panel buildings. G.D.Makarov. Nov. v stroi.tekh no.13:5-39 '59.

Standard large-panel apartment houses of the 1-507 series prefabricated by the Kuznetsovskii Housing Construction Combine D S.Gol'dgor Biul.tekh.inform po stroi. 5 no.11 1-4 N '59

Using large precast reinforced concrete construction elements in building refrigerating plants. N.N.Ffimov, K.D.Grishin. Prom.stroi. 37 no.12:41-43 D '59.

Using precast monolithic cellular elements in constructing hydroelectric power stations. T.L.Varkhotov. Gidr. stroi. 28 no.4:13-19 Ap '59.

Using precast reinforced concrete construction elements in building thermal power plants. V.G.Grebenkin. Prom.stroi. 37 no.12:37-41 D '59.

Using thin-walled panel sections in construction. I.Rudnitskii Nauka i zhizn' 26 no.12:41-45 D '59.

PRECIOUS METALS—METALLURGY
(see also subdivision under Moscow)

"Metallurgy of noble metals" by I.N.Plaksin. Reviewed by I.F.Baryshnikov. TSvet.met. 32 no.12.81-88 D '59.

Recovery of noble metals by anion-exchange resins from waste and industrial solutions of electrolytic copper plants. A B Davankov and others Izv.vys ucheb zav, tsvet met. 2 no 6:134-141 '59.

PRECIPITATION (CHEMISTRY)

Automatic regulation of the precipitation of basic nickel carbonate according to the pH of the medium in the system $Ni(NO_3)_2 - Na_2CO_3 - H_2O$). I.M.Vasserman, E.A.Fomina, Kh. Z.Bratuina. Zhur.prikl.khim. 32 no.12:2619-2624 D '59.

Studying processes of calcium molybdate precipitation from solutions containing sulfate-ions. Report no.2. K.B.Lebedev. Izv.AN Kazakh.SSR.Ser.met,obog.i ogneup. no.1:56-64 '59.

PRECIPITATION (METEOROLOGY)—ANALYSIS

Determining the Na, K, Ca, and Mg content of atmospheric precipitation. A.N.Zaidel', IU.I.Turkin. Trudy GGO no.93 86-94 '59.

PRECISION CASTING

Casting in ceramic molds V M.Kolchinskii Lit proizv no.12 2-3 D '59

Vibration table for precision casting in block V.V.Zirtsov Lit.proizv. no 12 36 D '59

PREGNANCY

Combination of pregnancy and cardiovascular diseases. S.A.Nemirovskaia, K.V.Malakhova. Vop.okh.mat.i det 4 no 6:89 N-D '59.

Electrophoretic determination of serum proteins in mother and child during labor [with summary in English]. V.I. Leitan. Akush.i gin. 35 no.6,61-64 N-D '59.

State of gustatory sensitivity in normal and pathological forms of pregnancy [with summary in English]. N.M. Suvorova. Akush.i gin. 35 no.6 33-40 N-D '59.

PREGNANCY, COMPLICATIONS OF

Course of Botkin's disease in pregnancy. V.I.Osipova Zdrav Belor. 5 no.12:14-17 D '59

Influence of Botkin's disease on the course and outcome of pregnancy. A.Z.Kochorginskii, S.IA.Bilinkis. Zdravookhranenie 2 no.5:22-25 S-O '59.

Therapy of ovarian cysts in pregnancy [with summary in English]. A.M.Agaronov. Akush.i gin. 35 no 6.91-93 N-D '59.

Use of novocaine in late pregnancy toxemias with a hypertensive syndrome [with summary in English]. M.V. Mogilev. Akush.i gin. 35 no.6:47-51 N-D '59.

PREGNANCY, PROTRACTED

Simultaneous pregnancy and labor in a woman with a double uterus A.A.Krupen'. Zdrav.Belor. 5 no 12: 60 D '59.

PREGNANEDIONE

Steroids. Part 6: Synthesis of cortisone acetate from 3α,17α-pregnanediol-11,20-dione. O.K.Nikiforova, N.N.Suvorov. Zhur.ob.khim. 30 no.4:1238-1243 Ap '60.

PRELIMINARY EXAMINATIONS (CRIMINAL PROCEDURE)

In the Taiga. Sh. Sots.zakon. 36 no.12:54-55 D '59.

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION PRICING
Planning of the average cost of the dispensary and infirmary prescription V. I. Krikov, S I. Shevchenko. Apt delo 8 no. 6.15-18 N-D '59

PRESS—STATISTICS
The press of the Soviet Union V Samuilov Raspr pech no 4 7 Ap '59

PRESSURE
Effect of high hydrostatic pressure on the transformation of austenite to martensite in an iron-nickel alloy N. A Smirnov. Izv. vys. ucheb. zav., chern. met. 2 no. 9 119-123 S '59.

PRESSURE—MEASUREMENT
Measure of hydrodynamic pressure pulsations in a two-phase flow M S. Fomichev Izv. AN SSSR. Otd. tekh. nauk Energ i avtom. no. 2 192-195 Mr-Ap '60.

PRESSURE, ATMOSPHERIC see Atmospheric pressure

PRESSURE REGULATORS
Experience obtained in the automatic regulation of the presence of compressed air I. M. Petrosov Prom energ. 15 no 1 32-33 Ja '60

Pressure regulator. I. P. Sidorov, V. N. Shishkova. Khim. prom. no. 6:541-542 S '59.

PRESTRESSED CONCRETE
(see also subdivision under Moscow)

Bychenkov, IU. D. [Investigating the performance of stretching equipment and cone-type anchorage] Issledovanie raboty natiazhnogo oborudovaniia i konusnykh ankerov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959 27 p.

Calculating rigidity of construction members reinforce with prestressed elements subjected to continuous loads [with summary in English, p 82]. M S Meteliuk Visnyk ABIA URSR no. 4 29-33 '59

Designing and learning to work with stands for fagoting and pulling-through the reinforcing wire. IA M Aizenberg, I. I. Kolodzii. Bet i zhel.-bet no. 12.564-568 D '59.

Dynamometer for measuring the degree of stretching in reinforcements. A. Nikitskii. Mekh. stroi. 16 no. 12· 25-26 D '59

Prestressed reinforced concrete. A. A. Tamarin. Gidr. stroi. 28 no. 2.25-30 F '59.

PRICES
Moscow. Nauchno-issledovatel'skii kon"iunkturnyi institut. [Prices of the capitalistic world market; handbook, 1956-1958] TSeny mirovogo kapitalisticheskogo rynka; spravochnik, 1956-1958 gg. Moskva, Vneshtorgizdat, 1960. 250 p.

The prices of the products of heavy industry Sh. Turetskii Fin. SSSR 21 no 4 29-40 Ap '60.

PRIKLONSKII, VIKTOR ALEKSANDROVICH, 1899-1959
In memory of Viktor Aleksandrovich Priklonskii. Trudy Lab. gidrogeol. probl. 22;3-7 '59.

PRIME NUMBERS see Numbers, Prime

PRIMITIVE AGRICULTURE see Agriculture, Primitive

PRIMITIVE RELIGION see Religion, Primitive

PRIMITIVE SOCIETY see Society, Primitive

PRINTING AS A TRADE see subdivision under Ivanovo

PRINTING INDUSTRY
(see also subdivision under Italy; Ukraine)

All enterprises should be well prepared for the conversion to the seven-hour workday Poligr. proizv no 12,1-2 D '59

Brief news. Poligr. proizv. no. 12·27 D '59.

International Conference of Printing and Paper Industry Workers in Hungary. E. M Medvedev. Poligr. proizv. no. 12 19-22 D '59.

PRINTING INDUSTRY—EXHIBITIONS see subdivision under Milan

PRINTING INDUSTRY—PRODUCTION STANDARDS
Economic aspects of printing technology. L. M. Kheifets. Poligr. proizv. no 12·4-6 D '59.

PRINTING MACHINERY AND SUPPLIES
Rotary clamps for centrifuges. V. I. Lebedev. Poligr. proizv no 12:14-15 D '59.

Semiautomatic device for coating matrices with graphite. I V. Pekun Poligr proizv. no 12·14 D '59

PRINTING PLANTS see subdivision under Kiev

PRINTING PRESS
(see also subdivision under Rostov-on-Don)

Making ready and adjusting stereotypes on rotary presses M. M. Nurkas. Poligr. proizv. no. 12;9-10 D '59

PRIOZERSK DISTRICT—SAND AND GRAVEL PLANTS
"Rovnoe" Rock Products Plant. A. A. Kronrod, O. M. Velikin. Prom. stroi. 37 no. 12.18-21 D '59.

PRIPET VALLEY—SYLVITE
Some characteristics of the occurrence of sylvite in disseminated sylvinite rocks of the Pripet Salt Basin. V. N. Shcherbina Vestsi. AN BSSR. Ser. fiz.-tekh. nav. no. 4 134-136 '59.

PRISONS
Losev, P. M., and G. I. Ragulin, comps. [Collection of Soviet legislative enactments on corrective labor] Sbornik normativnykh aktov po sovetskomu ispravitel'no-trudovomu pravu, 1917-1959 gg., istoriia zakonodatel'stva. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 359 p

PROBABILITIES
Class of solutions of the Kolmogorov-Smolukhovskii equation [with summary in English]. B. M. Levitan Vest. LGU 15 no. 7:81-115 '60

Imitation of the simplest Markov processes. IU. N. Shakhov. Izv. AN SSSR Ser. mat. 23 no. 6 815-822 N-D '59.

PROBATION
Mikhailovskaia, I. B. [Courts and society in the Soviet state] Sud i obshchestvennost' v Sovetskom gosudarstve. Moskva, Izd-vo "Znanie," 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 10)

We should steadfastly try to increase the role of our people in the struggle against crimes and criminal offenses. V. Petrov. Sov. iust. no. 12·60-61 D '59.

PROBLEM OF THREE BODIES
Application of Sundman's and Chazy's methods to the generalized problems of three bodies (with summary in English). A. L Skliaskii Ukr. mat. zhur. 11 no 4: 380-392 '59

Two practical schemes for calculating perturbations of the first order of orbit elements of bodies with a small mass in the spatial restricted elliptic problem of three bodies [with summary in German]. G. M. Bazhenov. Biul Inst. teor. astron 7 no. 1·43-71 '58.

PROCONVERTIN
Comparative study of thrombotropin and proconvertin. G. V. Andreenko. Nauch. dokl. vys. shkoly; biol. nauki no. 2;87-90 '60.

PRODUCTION STANDARDS
All editions of production standard manuals should be regulated I Ioffe. Sots trud 4 no 11 140-141 N '59

Conference of an activist group of writers on the standardization of labor. Sots. trud no. 12;145-146 D '58.

In the Central Committee of the Trade Union of the Textile and Light Industry Workers. Sots. trud 4 no. 7 145-146 Jl '59.

Regional conferences on the improvement of work norms and research work in industry. Sots. trud no. 12 112-145 D '58.

The role of time measurements in establishing technical standards. A. Spakh. Sots. trud 4 no. 7:79-84 Jl '59.

PROGRAMMING (ELECTRONIC COMPUTER)
Akademiia nauk SSSR. Vychislitel'nyi tsentr. [Collection of standard and route programs for the BESM electronic computer digital] Sbornik standartnykh i tipovykh programm dlia BESM. Moskva, 1960. 73 p.

Kitov, A. I., and N. A. Krinitskii. [Electronic digital computers and their programming] Elektronnye tsifrovye mashiny i programmirovanie. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 572 p.

PROGRAMMING (MATHEMATICS)
On a faulty concept of economic calculation. A. Kats. Vop. ekon. no. 5·107-118 My '60.

PROJECTILES
Armor and projectile. E. Arkad'ev. Voen. znan. 36 no. 4;21-22 Ap '60.

Artillery shells N. Nikiforov. Voen. znan 36 no 5: 26-27 My '60.

PROJECTORS
Use of the epidiascope during economic geography lessons in schools for working youth. D. Malygin. Geog. v shkole 22 no. 6;74-78 N-D '59.

PROKOF'EV, ALEKSANDR ANDREEVICH, 1900-
Fifteen years later. V. Bakhtin. Neva no. 11:210-220 '59.

Moldavskii, D. M. [Poetry of Aleksandr Prokof'ev] Poeziia Aleksandra Prokof'eva. [Leningrad] Lenizdat, 1959. 117 p.
(MH)

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953
At Prokof'ev's birthplace. Sov. muz. 24 no. 1:153-154 Ja '60.

S. Prokof'ev's last opera. IU. Keldysh. Sov. muz. 24 no. 1;8-16 Ja '60.

PROMETHIUM—DECAY
0^+--0^+ transition in $Pr^{140} \rightarrow Ce^{140}$ decay. B. S. Dzhelepov, I. F. Uchevatkin, S. A. Shestopalova. Zhur. eksp. i teor. fiz. 37 no. 3:857-859 S '59.

PROOFREADING see subdivision under Riga

PROPANE
High-temperature catalytic alkylation of isobutane by ethylene under pressure. L Kh. Freidlin, A. A. Balandin, N. M. Nazarova. Izv. AN SSSR Otd. khim. nauk. no. 3: 409-412 '60.

Interaction between hexaethyldiplumbane and halogen alkyls. G A Razuvaev, N S Viazankin, IU. I. Dergunov Zhur. ob khim. 30 no 4 1310-1316 Ap '60

Synthesis of some fluorochloro derivatives from 1, 1, 1, 3-tetrachloropropane. A. N. Nesmeianov and others. Izv. AN SSSR Otd. khim. nauk. no. 3·447-451 '60.

PROPANESULFONIC ACID
Use of sodium 2, 3-dimercaptopropanesulfonate ("unithiol") as a masking reagent in the complexometric determination of calcium and magnesium. L. A. Vol'f. Zav. lab. 25 no. 12;1438-1439 '59.

PROPELLERS
Converting the hydrodynamic propeller characteristics from one extension to another. N. D. Shal'kin. Rech. transp. 18 no. 12·27-29 D '59.

Manufacture of welded screw propellers. A. IA. Zelichenko. Sudostroenie 25 no. 11;58-60 N '59.

New method of manufacturing ship screw propellers. Rech. transp. 18 no. 12.23-24 D '59.

Work of a propeller under a free water surface in a canal A. M Basin, B. I Kelim Trudy TSNIIRF no 39 21-41 '59

PROPENE
Addition of hydrogen bromide to 1, 1-dichloro-2-propene in the presence of benzoyl peroxide. R. Kh. Freidlina, M. IA. Khorlina, A. N. Nesmeianov. Izv. AN SSSR Otd. khim. nauk no. 4:658-661 Ap '60.

Allylation of phenol compounds in the presence of a copper catalyst. S. G. Mel'kanovitskaia, I. P. TSukervanik. Dokl. AN Uz. SSR no. 11:40-44 '59.

Changes in the phase composition of the copper oxide catalyst during oxidation of propylene to acrolein. N. I. Popova, V. I. Beliaeva, E. E. Vermel'. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6;926-929 '59.

Diene condensation of unsaturated compounds containing a trichloromethyl or trichlorovinyl group. R. Kh. Freidlina, F. K. Velichko, A. B. Beliavskii. Izv. AN SSSR Otd. khim. nauk. no. 3;452-456 '60.

Liquid phase hydration of isobutylene in the presence of sulfuric acid. V. V. Pigulevskii, A. L. Ioanesova. Zhur. prikl. khim. 32 no. 12 2759-2766 D '59.

Synthesis of dienes based on olefins and aldehydes. Part 2: Synthesis of divinyl from propylene and formaldehyde. M. I. Farberov and others. Zhur. ob. khim. 30 no. 4:1099-1106 Ap '60.

Synthesis of 1-nitropropylene and a test of its capacity for polymerization. A. V. Topchiev, V. P. Alania, Z. A. Makarova. Dokl. AN SSSR 131 no. 6·1359-1361 Ap '60.

Synthesizing branched olefins via the alkylation of tertiary butyl chloride by β-butylene. M. M. Koteliakh, D. M. Rudkovskii, F. A. Eppel'. Zhur. prikl. khim. 32 no. 8: 1811-1818 Ag '59

PROPENE—ANALYSIS
Rapid determination of isobutylene in gases from petroleum refining. N. E. Vishnevskii, B. V. Stoliarov. Zhur. prikl. khim. 32 no. 12;2710-2723 D '59.

PROPERTY
Medvedev, V. A. [Paths of the development and rapprochment of public and collective farm forms of property] Puti razvitiia sblizheniia kolkhoznoi i obshchenarodnoi form sobstvennosti. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 42 p.

On the prospects of merging the two forms of socialist property. A. Pashkov. Vop. ekon. no. 5·31-41 My '60.

PROPIOLALDEHYDE
Synthesis of 2-aminopyrimidine. Report no. 1. Condensation of propargyl aldehyde with dicyandiamide. V. I. Khmelevskii, I. A. Kozello, A IA. Gasheva. Med. prom. 13 no. 12·18-20 D '59.

PROPIONITRILE
Decyanoethylation and complete cyanoethylation of β-alkoxy- and β-aryloxypropionitriles. P. F. Buckus, G. I. Denis. Zhur. ob. khim. 30 no. 4·1321-1325 Ap '60.

PROPYLENE
Reversible reactions in the alkylation of isopropylbenzene by propylene. E. P. Babin and others. Izv. Sib. otd. AN SSSR no. 11;57-61 '59.

PROSKURIAKOV, LAVR DMITRIEVICH, b. 1858
Lavr Dmitrievich Proskuriakov. K. V. Struganov. Put' i put. khoz. no. 12,41 D '59.

PROSPECTING
(see also subdivision under China; Kirghizistan)

Current problems relative to gas prospecting in the Yakut A. S. S. R. V. G. Vasil'ev and others Gaz. prom. 5 no. 1·13-17 Ja '60.

PROSPECTING (Continued)

Efficient prospecting methods based on competitive materials of the Ministry of Geology and Preservation of Mineral Resources of the U.S.S.R N.G Zhilkin Sov geol 2 no.10 146-152 O '59
Fourth Plenum of the Central Committee of the Trade Union of Workers Employed in Geological Prospecting I I Kiriukhin, A.I.Smirnov Razved. i okh.nedr 25 no.10 60-61 O '59.
Geologists and prospectors are following the example set by Valentina Gaganova. L P Krikunova Razved i okh.nedr 25 no 10 52 O '59
Problems in geological prospecting in the light of the decisions of the June Plenum of the Central Committee of the CPSU P IA.Antropov. Sov geol 2 no 10 3-10 O '59.
Results of the joint session of the Geology and Mineral Section of the Expert Geological Council of the Ministry of Geology and Preservation of Mineral Resources of the U.S S.R. and the Section of Geological Surveying of the Expert Geological Council of the Main Administration of Geology and Preservation of Mineral Resources of the Council of Ministers of the R.S F.S R A.A. Lankin, P N.Rapasov Sov geol 2 no 10·152-154 O '59.
Use of statistical analysis in prospecting for uranium deposits D IA Surazhskii Atom energ 8 no 5 476-478 My '60

PROSPECTING—CHARTS, DIAGRAMS, ETC.

Plotting charts representing the results of geophysical surveying on the basis of gravimetric and magnetometric data. I.G.Medovskii, G.M Komarova. Razved.i prom geofiz no.32,93-101 '59

PROSPECTING—EQUIPMENT AND SUPPLIES

(see also subdivision under Krivoy Rog)

Preparation of steel shot boring pellets by means available to geological prospecting parties. IU.M.Pariiskii. Sbor.nauch.rab.stud.LGI no.2:74-85 '57.
Repair service in geological prospecting. B.M.Arkannikov Razved. i okh.nedr 25 no.10·29-31 O '59.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Bashkiria; Caspian Sea region, Irtysh Valley; Ishim Valley; Kuybyshev Province; Perm Province; Ukraine)

Applying gravimetry in direct oil and gas prospecting. I.O TSimel'zon Geol nefti i gaza 3 no.12:41-46 D '59.
Determining coordinates and altitudes of points in regional gravimetric surveying. G.D.Petrov. Razved.i prom geofiz. no.32·102-109 '59.
Determining the elastic constants of rocks using seismographic geophysical methods. V.N.Nikitin. Gidr.stroi. 28 no.4,36-40 Ap '59.
Establishing the elements determining the position of a vertical bench by the Δg curve. G.D.Managadze. Razved i prom.geofiz. no.33:42-48 '59.
Estimating the accuracy of gravimetric observations. A.K Malovichko. Razved.i prom geofiz. no.32,52-56 '59.
Geothermal methods in the petroleum geology, review of D.I.D'iakonov's book. A.G.Tarkhov. Izv.vys.ucheb.zav., geol.i razv 2 no.9·135-141 D '59
Scientific and technical geophysical conference. N.P. Dobrynina. Geol.nefti i gaza 3 no.12 48-52 D '59.
Use of gravimetric surveying in exploring and prospecting for blind pyrite bodies. Sh.S Oganisian. Dokl AN Arm.SSR 29 no 4·175-179 '59
Using high derivatives of the magnetic potential to calculate the depth of magnetic ore deposits. Lu San-dung, Chu Chi-san. Sbor.nauch.rab.stud.LGI no.2,64-73 '57.

PROSPECTING—JOB DESCRIPTIONS

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Job description manual for workers employed in geological prospecting, topographic] geodetic, and research departments] Tarifno-kvalifikatsionnyi spravochnik rabochikh; geologorazvedochnye, topografo-geodezicheskie i izyskatel'skie raboty. Moskva, Izd-vo geodez.lit-ry, 1959. 49 p.

PROSTHESIS

(see also subdivision under Leningrad)

Clinical treatment as an important factor in improving the quality of prosthesis G Abrina Sots obesp 20 no 11,27-29 N '59
Let's pay more attention to prostheses for children. V.Dunaeva. Sots.obsep. 20 no.12:36-40 D '59.
A useful, indispensible book ("What one should know about prosthesis" by B P Popov. Reviewed by A Demchenko) Sots obesp 20 no 11 59-60 N '59

PROSTIGMINE

Study of the effect of carbocholine and prozerine in the clinical aspects of glaucoma [with summary in English]. A.E.Volokitenko. Oft.zhur. 14 no.7:408-413 '59.
Use of proserine for the stimulation of labor. L.S.Persianinov, Z.F.Drobenia. Zdrav.Belor 5 No.12·8-9 D '59.

PROTECTIVE ATMOSPHERES

Semiautomatic argon-arc welding with a consumable electrode. V.D.Tabelev. Svar proizv no.1:29-31 Ja '60.
Some characteristics of the welding process in an atmosphere of carbon dioxide with use of an alternating current R M Gufan and others. Svar proizv. no 1:23-25 Ja '60
Welding hardened 30KhGSA steel in an atmosphere of carbon dioxide. K V.Liubavskii, V M Nikitin, G F.Murov. Svar proizv no.1 4-6 Ja '60.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Improve welding and insulating quality control methods. G.M.Skoblov, N.A.Chirkov. Stroi.truboprov. 4 no.9 24-26 S '59.
Reinforcement of winding machine parts worn out by thread friction. N A Polosukhin, N.A Belentsova Izv vys ucheb.zav., tekh leg.prom , no.5:156-159 '59
Russia (1917- R.S.F.S.R) Glavnoe upravlenie po montazhu tekhnologicheskogo oborudovaniia i proizvodstvu montazhnykh rabot [Anticorrosive coatings for construction elements and apparatus, handbook] Antikorrozilnye pokrytiia stroitel'nykh konstruktsii i apparatury; spravochnoe posobie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 266 p
Sulfidizing the surface of ferrous metal parts in hydrosulfide and hydrogen sulfide solutions. N.A.Solov'ev. Metalloved.i term obr.met. no.1·47-48 Ja '60.
Use of plastic coatings and jackets for protection of gas pipelines against corrosion B.A.Konstantinov Gaz. prom. 5 no 1 54-56 Ja '60

PROTECTIVE COATINGS—TESTING

Testing the protective properties of the BF-2 glue film on electrodeposits. R.G.Genes. Zhur.prikl khim 32 no.8 1872-1874 Ag '59.

PROTEIN METABOLISM

Effect of serotonin on the incorporation of radioactive tracers into proteins of the central nervous system under conditions of intracranial introduction of methionine S^{35} and glycine C^{14} [with summary in English] E.M Kravchyns'kyi Ukr biokhim zhur 31 no 5 665-670 '59
Protein synthesis and cellular structures [with summary in English]. N.M.Sisakian, I.I.Filippovich. Izv.AN SSSR.Ser.biol. 24 no.6·839-854 N-D '59.

PROTEINS

Conference on the problem "Structure and biological functions of proteins " H I Sylakova Ukr biokhim zhur 31 no 5 792-793 '59
Each farm must solve its protein problem in livestock feeding. A.Movsisiants. Nauka i pered.op.v sel'khoz. 9 no.12·32-34 D '59.
Electrophoretic studies on proteins and digestive capacity of the gastric juice in patients with peptic ulcer and chronic gastritis [with summary in English]. TS.G. Masevich Terap.arkh 31 no 12:10-16 D '59
Mechanism of the phenomenon of "electrophoretic homogenization" [with summary in English] V.I Okulov Ukr biokhim zhur 31 no 5 643-653 '59.
Metastable condition of proteins and nucleic acids as a result of irradiation. I.I.Sapezhinskii, N.M.Emanuel', Dokl.AN SSSR 131 no.5:1168-1170 Ap '60.
Modern interpretations of the mechanism of biosynthesis of proteins. D.G.Knorre. Khim.nauka i prom 4 no 5·665-670 '59.
Poisonous properties of histon-like proteins of soybean A P Sadokova Biul nauch -tekh inform VIZH no.1 39-41 '57
Protein content of spring wheat in different geographical regions of the U.S.S.R. and its relation of climatic conditions. M.I.Mel'. Trudy NIIAK no.7:76-84 '59.
Role of protein structure and ion adsorption in mechanism of cellular excitation D.Ungar. TSitologiia 1 no 6: 627-640 N-D '59.

PROTESTANT EPISCOPAL CHURCH IN THE U.S.A.

Protestant Episcopal Church in the U.S.A. Theodor Dietz. Zhur Mosk.Patr. no 3:61-64 Mr '60.

PROTONS

Nuclear interactions of protons with energies of 8.7 BeV with photographic emulsions [with summary in English]. G.B.Zhdanov and others. Zhur.eksp.i teor.fiz. 37 no.3:620-633 S '59.
Secondary stars created by the interaction of protons with and energy of 8.7 BeV with nuclei of the photographic emulsion [with summary in English]. G.B.Zhdanov and others. Zhur.eksp.i teor.fiz. 37 no.3:611-615 S '59.

PROTONS—SCATTERING

Scattering of protons on He^3 at energies of 5 to 10 MeV [with summary in English]. K.P.Artemov, S.P.Kalinin, L.N.Samoilov. Zhur.eksp.i teor.fiz. 37 no.3: 663-666 S '59.

PROTOPLASM

Changes in the protoplasm resulting from local and spreading excitation. D.N.Nasonov. TSitologiia 1 no 6:605-613 N-D '59

PROTRACTORS

Core sample protractor. N.A.Skuridin. Neftianik 3 no.8 20-21 Ag '58.

PROVERBS

Proverbs in kindergarten. N.F.Boiarskaia. Doshk.vosp 33 no 1·70-71 Ja '60.

PROVERBS, KAZAKH

[Kazakh sayings and proverbs] Kazaktyn makaldary men mătelderi. Zhinapkurastyrgan Otebai Turmanzhanov. Tolyktyrylyp ekinshi ret basyluy. Almaty, Kazaktyn memlekettik korkem ădebiet baspasy, 1959. 301 p. [In Kazakh.]

PROVERBS, UKRAINIAN

Proverbs and sayings in H.F.Kvitka-Osnov'ianenko's literary work. O.S.Skoryk. Nar.tvorch.ta etn. 3 no.3 77-82 Jl-S '59.
Soviet popular proverbs and sayings. Selected and supplemented with an introductory information note by M.P. Lazhovoi. Nar tvorch ta etn. 3 no.2.131 141 Ap-Je '59

PROVERBS, UZBEK

[Uzbek proverbs and sayings] Uzbekskie poslovitsy i pogovorki. Tashkent, Gos.izd-vo khudozh.lit-ry UzSSR, 1959. 100 p.

PRURITUS

Pruritus A.S.Dyshko. Zdorov'e 6 no 1 20 Ja '60

PRYAZOLIDINEDIONE

Butadione treatment of rheumatic and rheumatoid polyarthritis [with summary in English]. Z S Kasymova Zdrav Tadzh 6 no 6·22-24 '59.

PRYOZERSK—WOODPULP

Toward technical progress. L.B.Levit, V.I.[illegible] Bum prom. 34 no.12·13-14 D '59.

PSEUDOMONAS

Pseudomonas epiphytica nov. sp. a new species of epiphytic micro-organisms [with summary in English]. IU.M Vozniakovskaia. Mikrobiologiia 28 no.6:900-903 N-D '59.

PSEUDOMONAS AERUGINOSA

Assimilation by pyocyanic bacilli of carbon and nitrogen from various sources. A.B.Chernomordik. Lab.delo 6 no.1·46-48 Ja-Fe '60.

PSKOV—CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS

Compete with the best. N.Mikhel'son. Okhr.truda i sots. strakh. no.12;44-45 D '59.

PSKOV—COOKING SCHOOLS

In an old city. A.Dlugach. Obshchestv.pit. no.10:46-47 O '59.

PSKOV PROVINCE—DEAF—EMPLOYMENT

Today and tomorrow of our enterprises. M.Il'in. Zhizn' glukh. 12 no.11:3-4 N '59.

PSKOV PROVINCE—INSURANCE, SOCIAL—APPROPRIATIONS AND EXPENDITURES

Budget is the basic of our work. M.Kupriianov. Sots. obsep. 20 no.12:3-8 D '59.
Let's have a look at the over-all estimate of expenses. A.Ivanova. Sots.obsep. 20 no.12:10-13 D '59

PSKOV PROVINCE—INSURANCE, SOCIAL—EMPLOYEES

Role of an accountant. N.Andreeva. Sots.obsep. 20 no.12:13 D '59.

PSKOV PROVINCE—PENSIONS—ACCOUNTING

This is how we plan it. V.Rytov. Sots.obsep. 20 no.12· 8-10 D '59.

PSKOV PROVINCE—PLANTS, PROTECTION OF

Put an end to the formal attitude towards an important matter. A F.Petukhov, IU.N.Neiport. Zashch rast ot vred.i bol. 4 no 3 16-17 My-Je '59.

PSYCHIATRIC CLINICS

Organization of psychoneurological care for children in the R.S.F.S.R. G.E.Sukhareva. Vop.okh.mat.i det. 4 no.6·54-59 N-D '59.

PSYCHIATRY

Teaching on syndromes in modern psychiatry. V.M. Morozov. Zhur.nerv.i psikh. 59 no.12:1503-1506 '59.
"Textbook on psychiatry" by O.V.Kerbikov and others. Reviewed by N.Shipkovenskii. Zhur.nerv.i psikh. 59 no.12:1506-1512 '59.

PSYCHIATRY—BIBLIOGRAPHY see Bibliography—Psychiatry

PSYCHIATRY, FORENSIC see Forensic psychiatry

PSYCHIATRY AND RELIGION

Against religious and mystical notions about the essence of psychoses A.N.Shogam Zdrav Turk 3 no 5: 41-44 S-O '59.

PSYCHOLOGY—CONGRESSES

Search for new forms of group work in psychology abroad. M S. Rogovin Vop. psikhol 5 no 6 175-179 N-D '59.

PSYCHOLOGY, EDUCATIONAL see Educational psychology

PSYCHOLOGY, SOCIAL see Social psychology

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOSES

Oxidation-reduction processes in patients with presenile psychosis N I Ignatova Vrach delo no 11 1177-1181 N '59

Some problems in the clinical aspects and pathogenesis of psychoses in "Asian" influenza Kh. V. Naubatov Zdrav. Turk. 3 no 5 35-38 S-O '59

PUBLIC ADMINISTRATION

We should learn to persuade people. A. Pliushch. Sov. deput. trud. no. 12:3-8 D '59.

PUBLIC HEALTH

(see also subdivision under China; Daghestan; Georgia; Hungary; Karelia, Leningrad; Minsk; Tajikistan; Ukraine; White Russia; Yantikovo District)

Basic trends in shifts in health conditions. G. A. Batkis. Vest. AMN SSSR 14 no. 12:25-31 '59.

Brief news. A. A. Kampaniets. Fel'd. i akush. 25 no. 1:63 Ja '60.

Brief news and information. Gig i san 24 no 11 93-94 N '59.

Concerning the formation of a people's commissariat of public health of the R. S. F. S. R. E. D. Gribanov. Zdrav. Ros. Feder 3 no 12:37-39 D '59.

Neo-Thomist medical sociology under the guise of social hygiene. V. IA. Smulevich. Vest. AMN SSSR 14 no. 12: 79-83 '59.

Organization of independent work of students in communal hygiene K V Tikhomirov. Gig i san 24 no 11 42-44 N '59

Public health in 1960 S. V. Kurashov. Sov. zdrav. 19 no 1 3-8 '60.

Remarks of foreign medical specialists on the achievements of Soviet public health Vrach. delo no 11.1221-1223 N '59.

Review of H Sigerist's "Landmarks in the history of hygiene" [in English] E. I Lotova, I V Vengrova Gig i san 24 no 11.83-85 N '59

Some data on the employment of medical graduates of sanitary-hygiene faculties L N Arkhangel'skaia, K Z Levtova, A S Chechulin Gig i san .24 no 11 48-49 N '59.

Ukrainskii nauchno-issledovatel'skii institut kommunal'noi gigieny. [Hygienic study and improvement of the environment] Gigienicheskoe izuchenie vneshnei sredy. Kiev, Gos. med. izd-vo USSR, 1959. 331 p.

Urgent necessity. L. G. Lekarev. Sov. zdrav. 19 no. 1: 43-45 '60.

Vinogradov, N. A. [On guard for health; achievements and tasks of the Soviet public health system] Na strazhe zdorov'ia; ob uspekhakh i zadachakh sovetskogo zdravookhraneniia. Moskva, Izd-vo "Znanie," 1960. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 4)

The year 1960. S V. Kurashov. Zdorov'e 6 no 1.1-2 Ja '60.

PUBLIC HEALTH—PERIODICALS

Work plan for this journal in 1960. Sov. zdrav. 19 no. 1: 40-43 '60.

PUBLIC HEALTH, RURAL

(see also subdivision under Krasnodar Territory)

Introduction of sanitation equipment stations in rural localities. K. V. Tikhomirov. Gig. i san. 24 no. 12: 53-55 D '59.

Results of work organization for sanitary assistants in a village. A M. Sachkov Gig i san 24 no 11 50-52 N '59.

PUBLIC HEALTH RESEARCH

Survey of research done by a group of active members and corresponding members of the Department of Hygiene, Microbiology, and Epidemiology of the Soviet Academy of Medicine. B. A. Lavrov. Vest. AMN SSSR 14 no. 12: 61-63 '59.

PUBLIC OPINION see subdivision under France

PUBLIC PROSECUTORS

(see also subdivision under Buryat-Mongolia; Krymskaya District)

Follow-up of notes and letters. Sots. zakon. 36 no. 12:66 D '59.

Participation of lay prosecutors in criminal trials. I. Sapozhnikov. Sots. zakon. 36 no. 12:30-33 D '59.

Socialist society shows concern for the fate of each citizen. Sots. zakon. 36 no. 12 3-6 D '59.

Through the pages of newspapers in the Union Republics. Sots. zakon. 36 no. 12 70 D '59.

PUBLISHERS AND PUBLISHING

(see also subdivision under Kemerovo)

Let us reorganize the work of the local book publishers. A. Zhigul'skaia. Sov. pech. no. 12 79-80 D '59.

A new publishing house for children's literature. I. Boronetskii. Sem'ia i shkola 13 no. 3:38-39 Mr '58.

Plans of the new "Higher School Publishing House." G. Libman. Vop. ekon. no. 5 129-130 My '60.

PUDDLING-FURNACES

Development of the pig iron finery process in Russia. V. B. IAkovlev. Trudy Inst. ist est. i tekh. 25.215-248 '59.

PUDOVKIN, VSEVOLOD ILLARIONOVICH, 1893-1953

Pen strokes. Isk. kino no. 1:153 Ja '60.

PULKOVO—ATMOSPHERIC TRANSPARENCY

Atmospheric transparency in Pulkovo. D. E. Shchegolev. Izv. GAO 21 no. 3.104-108 '58.

PULKOVO—LATITUDE VARIATION

Preliminary values of the variation of latitude at Pulkovo (1954.4-1956.0) [with summary in English] S. V. Romanskaia, I. F. Korbut, V. I. Sakharov. Izv. GAO 20 no. 4 143-144 '57.

PULLEYS

Electric pulley block with planetary gear. V. E. Markov and others. Mekh. i elek. sots. sel'khoz. 17 no. 6:50-51 '59.

Safety appliance for movable lifting tackle. B. V. Borodin. Bezop. truda v prom. 4 no. 1 34 Ja '60

PULMONARY CIRCULATION

Mechanism of hypertension of the lesser circulation [with summary in English]. V. V. Parin, F. Z. Meerson. Sov. med. 23 no. 12:26-33 D '59.

PULMONARY EDEMA

Toxic hemorrhagic pulmonary edema in influenza [with summary in English]. V. E. Pigarevskii. Klin. med. 37 no. 12 58-63 D '59

PULMONARY EMBOLISM

Current status of the problem of pulmonary embolism and infarcts. B. E. Votchal, N. A. Magazanik. Klin. med. 37 no. 12:37-44 D '59.

PULSE CIRCUITS

Generation of constant frequency pulse oscillations. V. A. Il'in. Dokl. AN SSSR 132 no. 2:323-325 My '60.

Periodical operation in systems with nonlinear pulse elements. M. M. Simkin. Dokl. AN SSSR 131 no. 6: 1323-1326 Ap '60.

PULSE TECHNIQUES (ELECTRONICS)

The AN-2 narrow-band infrasonic frequency analyzer. Prib i tekh eksp. no 6:138 N-D '59.

Accumulation of d. c. pulses. P. I. Penin. Trudy MEI no. 31:179-188 '56.

Accumulation of perturbations in nonstationary linear pulse systems. L. S. Gnoenskii. Prikl. mat. i mekh. 23 no. 6:1136-1141 N-D '59.

Calculation of shaping cascades. V. IA. Ovlasiuk. Trudy TSNII MPS no. 173:124-133 '59.

Characteristics and possibilities of automatic pulse systems. IA. Z. TSypkin. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:98-109 Mr-Ap '60.

Coefficient of transmission of an aperiodic differentially connected network with distributed constants. A. L. Zinov'ev. Trudy MEI no. 31:171-178 '56.

Determination of dynamic and static inductance of pulse relays. P. IA. Korneev. Elektrosviaz' 13 no. 10:71-76 O '59.

Determination of time-error of electric integrating. A. M. Gorinshtein Sbor. stud. nauch. rab. LEIS no. 1:53-60 '59.

Errors of parabolic interpolator. V. V. Karibskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:210-212 Mr-Ap '60.

Extremal proportional action pulse regulator with increased rejection of interference. V. M. Kuntsevych, V. K. Svietal's'kyi. Avtomatyka no. 4:83-88 '59.

Frequency divider with direct locking. K. A. Samoilo. Trudy MEI no. 31:14-29 '56.

The GI-3M pulse generator with high pulse-repetition rate. Prib. i tekh. eksp. no. 6:137-138 N-D '59.

Generator of pulse groups of a millimicrosecond duration. V. V. Udalov, IU. I. Tumin. Prib. i tekh. eksp. no. 6:62-64 N-D '59.

Instrument for measuring small amplitudes of oscillations. K. V. Chernyshev. Prib. i tekh. eksp. no. 6:99-103 N-D '59.

Multichannel amplitude analyzer with a mechanical commutator. N. L Grigorov, V IA Shestoperov, V. A. Sobiniakov. Prib. i tekh. eksp. no. 6:67-69 N-D '59.

Phase skipping caused by the action of pulsed interferences when frequency is divided. K. A. Samoilo. Trudy MEI no. 31:30-43 '56.

Transistorized phase-shift register. G. S. Lipchin. Sbor. stud. nauch rab LEIS no. 1 78-82 '59.

PUMPING MACHINERY

Automatic control of pumps for water-lowering wells. A. M. Lar'kov, E F. Drondin. Izv vys. ucheb. zav ; energ 2 no 11:47-51 N '59

Combined pneumatic solution pump under pressure. A. I. Grishanin. Rech. transp. 18 no. 12:48-50 D '59.

Poor quality of pumps for pasteurizers. S. Chernov. Moloch. prom. 20 no. 12:10 D '59.

RD-4 high-speed wind pump. F. I. Serov. Vest. AN Kazakh. SSR 15 no. 11:84-87 N '59.

Results of experimental testing of vortex pumps. S A Abdurashitov, I. M. Vershinin. Izv. vys ucheb zav , neft' i gaz 2 no 11 107-114 '59

Transformer pump. Iu. Morov. IUn. tekh. 4 no. 12:30 D '59.

PUMPING MACHINERY—COOLING

The pump cooling system has been improved. V. Shadyba. Pozh. delo. 5 no. 12:28 D '59.

PUMPING MACHINERY—CORROSION

Hardening of pump rods operating in corrosion fatigue conditions. R. M. Raskin, R. A. Bagramov Metalloved i term obr met. no 12.35-38 D '59

PUMPKIN SEED

A tasty medicine. P. Lopatin. Sem'ia i shkola 15 no 1 39 Ja '60

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCHED CARD SYSTEMS

The RUMB-2 high-speed multichannel recording unit. V. A. Likhachev. Biul. tekh. -ekon. inform. no. 12:33-35 '59.

PUNCHES

Experimental investigation of the elastic soil core under punches subjected to limited loads. M. Sh. Mintskovskii. Nov. v stroi. tekh. no. 13:154-173 '59.

Penetration of a truncated punch into metal in the presence of friction. A. D. Tomlenov. Vest. mash. 40 no. 1 56-58 Ja '60.

PUNCHING MACHINERY

Hole piercing by means of noiseless detonation. V. G. Kononenko, K. I. Zaitsev. Kuz. -shtam. proizv. 1 no. 12:15-18 D '59.

Rod-cutting punch press with automatic feed. S. I. Azarov. Mashinostroitel' no. 1:8 Ja '60.

PUNCTURES (MEDICINE)

Abramov, M. G. [Cytologic diagnosis by the puncture method; diagnostic significance of cytologic analysis of punctates of the lymphatic nodes and organs] TSitologicheskaia diagnostika metodom punktsii; diagnosticheskoe znachenie tsitologicheskogo issledovaniia punktatov limfaticheskikh uzlov i organov. Moskva, Medgiz, 1949. 117 p.
(MnU)

PUNISHMENT

Losev, P. M., and G. I. Ragulin, comps. [Collection of Soviet legislative enactments on corrective labor] Sbornik normativnykh aktov po sovetskomu ispravitel'no-trudovomu pravu, 1917-1959 gg.; istoriia zakonodatel'stva. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 359 p.

PUNJAB—SEPOY REBELLION, 1857-1858

The Punjab during the period of the national uprising in India, 1857-1859. N. I. Semenova. Uch. zap. Inst. vost. 20:137-156 '59

PUPPETS AND PUPPET PLAYS

Talent and skill. Evg. Min. Nova no. 11:210-213 '59.

PURINE METABOLISM

"Purine metabolism in tissues of healthy and tumorous animals" by V. P. Korotkoruchko Reviewed by M. F. Lipkan. Ukr biokhim. zhur. 31 no 5.789-790 '59.

PURPURA (PATHOLOGY)

Case of abdominal purpura as a manifestation of the side effect of streptomycin. B. D. Zislin. Probl. tub. 37 no. 7.93-95 '59.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Lakhostskii, K. P. [Pushkin's lyrics] Lirika Pushkina. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1959. 57 p. (Ser. "V pomoshch' uchashchimsia starshikh klassov")

PYRALID MOTHS

Feeding of the caterpillars of Paraponyx stratiotata L., Nymphula nymphaeata L., and Cataclysta lemnata L. (Pyralididae, Lepidoptera). N. I. Kashkin. Trudy Mosk. tekh. inst ryb. prom. i khoz. no. 10:162 176 '59.

PYRANDIONE

New method of synthesizing 2, 2, 6, 6-tetraalkyltetrahydro-3, 5-pyrandiones I K Korobitsyna, K K Pivnitskii Dokl AN SSSR 132 no 1 127-129 My '60

PYRAZOLINE

Pyrazoles. Part 7. Dehydrogenation of phenylpyrazolines having their functional groups in the benzene ring I I Grandberg, Ting Wei-p'u, A N Kost. Zhur. ob khim 30 no. 4 1373-1377 Ap '60

PYRIDINE

Obtaining nicotinic acid from the β-picolinic fraction P A. Gangrskii, IU I Chumakov Med prom 13 no 12:16-18 D '59

Participation of the solvent in the formation of the activated complex in Menshutkin reactions. Report No. 1: Kinetics of the reaction between pyridine and ethyl iodide in ethyl alcohol at pressures up to 2000 kg /cm^2 M.G. Gonikberg, B.S. El'ianov. Izv AN SSSR Otd. khim. nauk. no. 3 413-418 '60.

Role of the solvent in the activated complex in Menshutkin reactions Report No. 2: Evaluation of the extent of solvation of the activated complex in the reaction of pyridine with ethyl iodide in ethyl alcohol and acetone. M. G. Gonikberg, B S. El'ianov. Izv. AN SSSR Otd. khim. nauk no. 4.629-635 Ap '60.

PYRIDINE BASES

Composition of the pyridine bases of chamber shale oil M. V Kobyl'skaia Trudy VNIIT no 8 198-202 '59

PYRIDINECARBOXYLIC ACID

Preparation of pyridinecarboxylic acids. E. S. Zhdanovich and others. Zhur. prikl. khim. 32 no. 12:2821-2822 D '59.

PYRIDINIUM COMPOUNDS—SPECTRA

Absorption spectra of pyridinium cyclopentadienylides in the ultraviolet and visible regions. I IA. Kachkurova, N. K Baranetskaia, Z. N. Parnes. Izv AN SSSR Otd. khim. nauk no. 4:756-758 Ap '60

PYRIDONE

Conversion of acetoacetamide into 4-amino-2, 4-dimethyl Δ^4-tetrahydro-6-pyridone-3-carboxylamide P. A. Levin. Zhur. ob. khim. 30 no. 4:1340-1342 Ap '60.

Problem of the structure of N-methylnicotone and Py-N-methyl-m-nicotone. IA. L. Gol'dfarb, V V. Kiseleva. Izv. AN SSSR Otd. khim. nauk. no. 3:565-567 '60.

PYRIMIDINE

Derivatives of γ-dicarbonyl compounds. Part 2: 2, 4-substituted pyrimidines. V. T. Klimko, V. A. Mikhalev, A. P. Skoldinov. Zhur. ob khim. 30 no. 4:1258-1264 Ap '60.

Synthesis of 2-aminopyrimidine. Report no. 1. Condensation of propargyl aldehyde with dicyandiamide. V. I Khmelevskii, I A. Kozello, A IA. Gasheva Med. prom 13 no 12:18-20 D '59.

PYRITES

(see also subdivision under Caucasus, Northern; Ural Mountains)

Sulfidation in pyrite. K. V. Gorev, S. L. Livshits. Dokl. AN BSSR 3 no. 12 496-499 D '59.

Use of gravimetric surveying in exploring and prospecting for blind pyrite bodies. Sh S. Oganisian. Dokl AN Arm. SSR 29 no 4:175-179 '59

PYROGRAPHY see subdivision under Stanislav Province

PYROLYSIS

Pyrolysis of the 180° C fraction of chamber shale oil. M.V. Kobyl'skaia. Trudy VNIIT no. 8 154-162 '59

Pyrolysis of weighted raw materials for producing pyrolysis gas enriched by ethylene. R. G Ismailov, Z A. Sultanov, T. M. Ivanova. Azerb. neft. khoz 37 no. 6: 34-39 Je '58.

PYROPE see subdivision under Krasnoyarsk Territory

PYROPHOSPHORIC ACID

Polarographic study of titanium and niobium in pyrophosphoric acid solutions [with summary in English] D. I. Kurbatov. Zhur. anal. khim. 14 no. 6:743-744 N-D '59.

PYROSULFITES

Using potassium pyrosulfite against mold fungi. Z. V. Korobkina, A. I. Kochurova. Vin SSSR 19 no 8:28-30 '59.

PYRUVIC ACID

Mechanism of the action of levomycetin (chloramphenicol). Report No. 4: Effect of levomycetin on pyroracemic acid metabolism in colon and Flexner's bacilli and its relation to the aeration degree of the culture medium [with summary in English]. A. I. Korotiaev. Mikrobiologiia 28 no. 6:851-857 N-D '59.

Significance of the determination of pyruvic acid in the blood in brucellosis. B. N. Abrakhanova. Azerb. med. zhur no. 12.41-44 D '59.

PYSHMA—ORE DEPOSITS

Sampling control in the Pyshma deposit mines. D. L. Poskotin, P. N. Pasenko. Izv. vys. ucheb. zav.; gor. zhur. no. 2 44-53 '59.

Q FEVER see subdivision under Apsheron Peninsula

QUALITY CONTROL

They gave him this stamp back Ul. Bialiaeu Belarus' 16 no 11 14 N '59

QUANTUM ELECTRODYNAMICS

Scattering of an electron on an electron and quantum electrodynamics at small distances G. V. Avakov. Zhur. eksp i teor. fiz. 37 no. 3:848-849 S '59.

QUANTUM FIELD THEORY

Determination of potential in the quantized field theory [with summary in English]. M. A. Braun. Zhur. eksp. i teor. fiz 37 no. 3 816-822 S '59.

QUANTUM THEORY

Optical properties of harmonic oscillations. V. P. Gribkovskii, P. A. Apanasevich, B. I. Stepanov Trudy Inst. fiz. i mat AN BSSR no. 3:131-141 '59.

Quantum radiophysics; an address by N. G. Basov, Doctor of Physicomathematical Sciences, and A. M. Prokhorov, Doctor of Physicomathematical Sciences. Vest. AN SSSR 30 no. 4:110-119 Ap '60.

QUARRIES AND QUARRYING

Review of the section "Machinery for extraction of piece stone" of "Mining machinery" by B. P. Bogoliubov, B. P. IUmatova. Reviewed by M. G. Leikin, A. V. Starchikov, A. N. Meshman. Mekh. i avtom. proizv. 13 no. 12 58-59 D '59.

Using automotive transportation in the open-cut mining of various deposits to be used as cement raw materials. S. E. Shlionskii. TSement 25 no. 6:22-25 N-D '59.

QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

The KM-4 stonecutting machine. A. Meshman. Sel'. stroi. 14 no. 12:19 D '59

QUARRIES AND QUARRYING—SAFETY MEASURES

Making working conditions in quarries safer. I I. Shutyi. Bezop. truda v prom. 3 no. 12:18 D '59.

QUARTZ

(see also subdivision under Gissar Range; Nukatl' Range)

Influence of the medium on the transformation of quartz into the amorphous state in the course of its mechanical dispersion. G. S. Khodakov, P. A. Rebinder Dokl. AN SSSR 131 no. 6:1316-1318 Ap '60.

Role of deformation lamellae in the formation of certain quartz maxima R. IU. Orlov. Izv. vys. ucheb. zav.; geol i razv. 2 no 8:71-75 Ag '59

Role of the solid phase in the inversion of quartz to tridymite. N. N. Sinel'nikov. Zhur. neorg. khim. 4 no. 12. 2724-2731 D '59.

Studies in boundary friction and adhesion, made with the purpose of elucidating the interaction of highly dispersed particles. Part 2. Effect of cations on the adhesion of quartz disks [with summary in English]. G. I. Fuks, N. I. Kaverina. Koll. zhur. 21 no. 6:718-730 N-D '59.

Wetting quartz with hydrocarbon liquids and water under high pressures and temperatures. M. M. Kusakov, N. D. Tairov. Dokl. AN Azerb. SSR 15 no. 11:1019-1023 '59.

QUARTZ OSCILLATORS see Oscillators, Crystal

QUARTZITE see subdivision under Krivoy Rog; Ovruch

QUEMOY ISLANDS

Heroic island. Liu Pai-yu. Neva no. 10:27-32 '59.

QUINACRINE

Effectiveness of the use of acriquine in taenia infestations. Kh M Kasymov, S M. Dursunova Zdrav Turk. 3 no. 5:30-31 S-O '59.

QUINALDINIUM COMPOUNDS

Synthetic dyes. Part 16: Synthesis of hydroxy- and alkoxy-substituted N-arylquinaldinium quaternary salts, and their conversions. G. T. Piliugin, E. P. Opanasenko. Zhur. ob. khim. 30 no. 4:1303-1307 Ap '60.

QUINIC ACID

Isolation of quinic and shikimic acids from plants and their determination. S. M. Manskaia, L. A. Kodina. Zhur. prikl. khim. 32 no. 12:2711-2716 D '59.

QUINOLINETHIOL

Analytical used of 8-mercaptoquinoline (thiooxine) and its derivatives. Report No. 8: New photometric method of determining rhenium in the presence of molybdenum, tungsten, and others elements. IU. A. Bankovskii, A. F. Ievins, E. A. Luksa. Zhur. anal. khim. 14 no. 6:714-720 N-D '59.

QUINONE

Oxidation of hydroquinones to quinones. V. A. Zagorovskii, D. A. Zykov. Zhur. prikl. khim. 32 no. 12: 2815-2816 D '59.

Reactions of dialkylphosphorous acids with quinones. P. I Sanin and others. Dokl. AN SSSR 132 no 1:145-148 My '60

RABBITS

Rabbit. P. Gitarin. Okh. i okh. khoz. 5 no. 11:28-29 N '59.

RABIES

Problem of complications in rabies vaccination. A. S. Bogdanova. Sov. med. 23 no. 12:117-123 D '59.

RABIES—PREVENTIVE INOCULATION

Dispensary treatment of complications following antirabies inoculations D M Kulik Vrach delo no 11 1203-1205 N '59

Nervous system complications in antirabies inoculations M S IUr'eva Zdrav Tadzh. 6 no 6:32-35 '59

RABINOVICH, ABRAM IUL'EVICH, 1889-

Seventieth birthday of A IU. Rabinovich. Masl -zhir prom 25 no 12:47 '59

RABUKHIN, ALEKSANDR EFIMOVICH, 1899-

Aleksandr Efimovich Rabukhin; on his 60th birthday and the 35th anniversary of medical, scientific, pedagogic, and public activities. Probl. tub. 37 no. 7:112-113 '59

RACE DISCRIMINATION see subdivision under United States

RADAR

Listov, K. M., and K. N. Trofimov. [Radio and radar engineering and its use] Radio i radiolokatsionnaia tekhnika i ikh primenenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 423 p. (Biblioteka ofitsera)

Some results of simultaneous photographic and radar observations of polar auroras. V. I. Pugorelov, F. E. Martvel'. Izv. AN SSSR. Ser. geofiz. no. 5:753-755 My '60.

Vysotskii, B. F., and A. E. Kharybin. [Radar installations] Radiolokatsionnye ustroistva. Moskva, Gos izd-vo obor. promyshl. Moskva, Gos. izd-vo obor. promyshl.

Pt. 1. [Basic questions of design] Osnovnye voprosy proektirovaniia. 1960. 100 p.

RADAR IN ASTRONOMY

Statistical characteristics of radio echoes from meteor trails E I. Fialko. Biul. Kom. po komet. i meteor AN SSSR no. 4:9-17 '59

RADAR IN NAVIGATION

My experience in the use of radar. P. I. Mikhailov. Rech. transp. 18 no. 11:44-45 N '59.

Shifrin, L. S. [Use of the "Pal'ma" chart matching device in navigation] Ispol'zovanie kartoslichitel'noi pristavki "Pal'ma" v sudovozhdenii. Leningrad, Izd-vo "Morskoi transport," 1960. 66 p.

RADEKHOV DISTRICT—EDUCATION, COOPERATIVE

We combine schoolwork with practical work at industrial enterprises IU. M Savchenko. Rad shk 38 no. 12:22-23 D '59.

RADIANT HEATING

Effective methods for drying damp rooms. N. Artiushenko Stroi. i arkhit. 7 no 12:24-25 D '59.

Panel heating systems using heat carriers with increased parameters [with summary in English, p. 83]. M. T Ral'chuk. Visnyk ABIA URSR no. 4 66-72 '59

RADIATION

Calculation of the yields of the products resulting from the radiolysis of alkanes. IU. A. Kolbanovskii, B. A. Smirnov. Dokl. AN SSSR 131 no. 6:1390-1392 Ap '60

Classification of secondary radiation. B. I. Stepanov, P. A Apanasevich Opt. i spektr. 7 no. 4:437-445 O '59

Effect of the spectral composition of the exciting light on secondary radiation characteristics. P. A. Apanasevich. Trudy Inst. fiz. i mat. AN BSSR no. 3:72-84 '59.

Increasing the heat resistance of polyethylene insulating wires by subjecting them to ionizing radiation. V. L. Karpov and others. Khim. prom. no. 6:468-474 S '59.

Luminescence of matter with arbitrary absorption and emission bands in finite volumes. A. M. Samson. Dokl. AN BSSR 3 no. 12:479-483 D '59.

Selective modulation of radiation by means of periodic variation of the temperature of a gas. A. O. Sall'. Opt i spektr. 7 no. 4:576 O '59.

RADIATION—PHYSIOLOGICAL EFFECT

Burnazian, A. I., and A. V. Lebedinskii, eds. [Radiation medicine; manual for physicians and students] Radiatsionnaia meditsina; posobie dlia vrachei i studentov. Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 313 p. (DNLM)

Continued method for treating radiation skin injuries [with summary in English]. N. S. Kazantseva. Vest. rent. i rad. 34 no. 2:47-51 Mr-Ap '59.

Effect of ionizing radiation on the eye. G. G. Kanbal. Azerb. med. zhur. no. 12:64-66 D '59.

Metastable condition of proteins and nucleic acids as a result of irradiation. I. I. Sapozhinskii, N. M. Emanuel'. Dokl. AN SSSR 131 no. 5:1168-1170 Ap '60.

Modification of the interstitial substance of the retina under the effect of radiation energy [with summary in English]. I. Yü-chin. Vest. oft. 72 no. 4:5-12 Jl-Ag '59

Primary radiation injuries of the crystalline lens and their role in the development of radiation cataract [with summary in English]. I. F Kovalev. Oft. zhur 14 no 6:353-358 '59

RADIATION, ELECTRIC see Electric radiation

RADIATION LOGGING (OIL WELLS) see Oil well logging, Radiation

RADIATION PROTECTION

Chemical prophylactic agents for acute radiation sickness. F. IU. Rachinskii and others. Usp. khim. 28 no. 12:1488-1522 D '59.

Suppression of radiation depolymerization of desoxyribonucleic acids by substances inhibiting free-radical reactions. N. M. Emanuel' and others Dokl AN SSSR no. 6:1451-1453 Ap '60

RADIATION SICKNESS

Anesthesia and shock prevention in acute radiation sickness. A. N. Syzganov, B. S. Babashev, IU. M. Briakin Vest. AN Kazakh. SSR 15 no. 12:57-65 D '59.

Changes in neurons caused by ionizing radiation. A. D. Smirnov. Dokl. AN SSSR 131 no. 5.1171-1173 Ap '60.

Chemical prophylactic agents for acute radiation sickness. F. IU. Rachinskii and others. Usp. khim. 28 no. 12:1488-1522 D '59.

Course of suppurative corneal ulcers in rabbits with radiation sickness [with summary in English] V. P Zhokhov Oft. zhur 14 no 6:343-347 '59

Influence of vitamin C on the carbohydrate function of the liver in radiation sickness A S. IUsipov, V. S IUsipov. Zdrav Belor. 5 no 12:25-27 D '59.

Treatment of traumatic shock combined with radiation injury [with summary in English]. T N. Astakhova, I V. Il'inskaia. Vest. khir. 83 no. 11 85-90 N '59

RADIATORS

Coreless molding of non-metal radiators. A. G. Ukhanov. Biul. tekh. inform. po stroi. 5 no. 11:9-12 N '59.

Let's fulfil the seven-year plan in six years. E. Popova. Prom. koop. 13 no. 12:15 D '59.

Most favorable relations between basic construction elements of platelike radiators. M. I. Fil'nei. Izv. vys. ucheb. zav., stroi i arkhit. no. 6:117-122 '59.

RADICALS (CHEMISTRY)

Effect of the rate of generation of active centers on the kinetics of chain reactions with degenerated branching and quadratic breaking of the chains [with summary in English]. D G Knorre, V. L Pikaeva, N. M. Emanuel'. Zhur. fiz. khim. 33 no. 12:2660-2667 D '59.

Reaction of the isopropyl radical with the oxygen molecule L. I. Avramenko, R. V. Kolesnikova. Dokl. AN SSSR 131 no. 6:1370-1372 Ap '60.

Some cases of a reaction involving the redistribution of radicals in organic compounds of lead, tin, and silicon. G. A. Razuvaev and others. Dokl. AN SSSR 132 no. 2: 364-366 My '60.

RADIMOV, PAVEL, 1887-

They sing of the countryside surrounding Moscow. V. Tikhonov. Moskva 3 no. 8:222-223 '59.

RADIO

Control circuit for rebroadcasting in railroad radio communication. A. S. Fediaev Avtom., telem i sviaz' 4 no. 1.38-39 Ja '60.

Lenin and radio. V. I. Siforov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:10-12 Mr-Ap '60.

Lisiov, K. M., and K. N. Trofimov. [Radio and radar engineering and its use] Radio i radiolokatsionnaia tekhnika i ikh primenenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 423 p. (Biblioteka ofitsera)

Our consultation. Radio no. 12:56-57 D '59.

Quantum radiophysics; an address by N. G. Basov, Doctor of Physicomathematical Sciences, and A. M. Prokhorov, Doctor of Physicomathematical Sciences. Vest. AN SSSR 30 no. 4:110-119 Ap '60.

Radio and life T. Aminov Sov. Kazakh. 25 no 5 84-85 My '59.

Why do we have a shortage of radio engineering literature in some fields? V. Burliand. Radio no. 12:55 D '59.

RADIO—ANTENNAS

Antennas with an enlarged range. A. Kravchenko. Grazhd. av. 16 no 12:26-27 D '59

RADIO—CONGRESSES

Second meeting of the A. S. Popov Scientific and Technical Society of Radio Engineering and Communications. Radiotekhnika 14 no. 12.78-80 D '59.

Third All-Union Conference on Radio Electronics. Izv. vys ucheb. zav., radiofiz. 2 no. 4:666-673 '59.

RADIO—EQUIPMENT AND SUPPLIES—TESTING

Automatic unit for inspecting MLT-type resistance. M. G. Zaidenberg. Priborostroenie no. 12;15-17 D '59.

RADIO—EXHIBITIONS

[Best designs of the 14th and 15th exhibitions of the work of radio amateurs] Luchshie konstruktsii 14-i i 15-i vystavok tvorchestva radioliubitelei. Moskva, Izd-vo DOSAAF, 1959. 263 p.

RADIO—HIGH-FIDELITY SYSTEMS

Sound reproducing apparatus with an ionophone. E. Plotkin, B. Karateev, V. Priutts. Radio no. 12:18-22 D '59.

RADIO—INTERFERENCE

Analysis of tracking failure of a control system in the presence of fluctuating interference [with summary in English]. I A Bol'shakov. Avtom. i telem. 20 no 12: 1611-1622 D '59.

Device for recording the field strength of atmospherics [with summary in English] A N. Abramenko Izv Krym astrofiz obser 18:182-186 '58

Interference rejection of an FM receiver with signal feedback. L. IA. Kantor. Elektrosviaz' 13 no. 10:38-42 O '59

Problems in the propagation of atmospherics [with summary in English]. N. N Ertushev Izv. Krym astrofiz. obser. 18:187-195 '58

Some characteristics of an ideal receiver of signals of two discrete magnitudes. P. I. Penin Trudy MEI no. 31: 189-195 '56.

Vainshtein, L. A., and V. D. Zubakov. [Detection of signals from random interference] Vydelenie signalov na fone sluchainykh pomekh. Moskva, Izd-vo "Sovetskoe radio," 1960. 446 p.

RADIO—INTERFERENCE—MEASUREMENT

Instruments for measuring radio interference. Prib. i tekh eksp no 6:135-136 N-D '59

RADIO—RECEIVERS AND RECEPTION

Description of a laboratory arrangement for the investigation of fading and the measurement of field strength. L. V. Sorokin. Sbor stud nauch rab. LEIS no. 1:44-52 '59.

Khmel'nitskii, E. A. [Diversity reception and its evaluation] Raznesennyi priem i otsenka ego effektivnosti. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 49 p. (Lektsii po tekhnike sviazi)

"Minsk" radio receiver. IA. Sleplan, I. Kaplan. Radio no 12.23-24 D '59

Step by step from a detector receiver to a superheterodyne. R. Svoren'. Radio no. 12:42-46 D '59.

Vainshtein, L. A., and V. D. Zubakov. [Detection of signals from random interference] Vydelenie signalov na fone sluchainykh pomekh. Moskva, Izd-vo "Sovetskoe radio," 1960. 446 p.

RADIO—REPAIRING

Efficiency experts suggest A N. Zhertovskii and others Avtom, telem i sviaz' 4 no. 1;32-33 Ja '60.

RADIO—TRANSMITTERS AND TRANSMISSION

On meteor trails A. L Mints Znan. sila 34 no 12 16 D '59

Radio signals from a bird's nest. IUn. tekh. 4 no. 11: 47 N '59.

RADIO, SHORTWAVE

Propagation of ultrashort radio waves in a city. N. D. Dymovich. Elektrosviaz' 13 no. 12:20-34 D '59.

Protection factors in an ultrahigh-frequency f. m. communication circuit. B. I. Savitskii, R. A. Kotikova. Elektrosviaz' 13 no. 12:3-9 D '59.

RADIO, SHORTWAVE—ANTENNAS

Miniature shortwave antenna. V. Cherevko, IU. Medinets. Radio no. 12.25-26 D '59.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Universal shortwave transmitter-exciter. S. Bunimovich. Radio no. 12;27-29, 41 D '59.

RADIO ASTRONOMY

Beginning of observations of solar radio emission on the large Pulkovo radio telescope on the 3.2 cm. wavelength [with summary in English]. V. N. Ikhsanova. Izv. GAO 21 no. 3;29-38 '59.

Comparing separate phenomena in the radio wave emission of the sun on the wave length λ = 1.5 m. with optical processes on the sun. A. B. Severnyi. Izv. Krym. astrofiz. obser. 15:111-120 '55.

Comparison of the sporadic radio-wave emission of the sun on the 1, 5 m. wave length with optical processes on the sun [with summary in English]. I. G. Moiseev, S. I. Gopasiuk. Izv. Krym. astrofiz. obser. 17:211-218 '57.

Interference-proof equipment for recording radio wave emission of the sun. I. G. Moiseev. Izv. Krym. astrofiz. obser. 15;104-110 '55.

Observations of Arend-Roland's comet on radio waves. Astron. tsir. no. 180:5 My '57.

Observations of radio-wave emission of the sun during the solar eclipse of June 30, 1954 [with summary in English]. I. G. Moiseev Izv. Krym. astrofiz. obser. 18:196-197 '58.

Spectrograph for observing radio wave emission of the sun [with summary in English]. A. N. Abramenko. Izv. Krym. astrofiz. obser. 19:140-152 '58.

Theory of a thermal detector with conical scanning. IU. V. Pavlov. Radiotekhnika 14 no. 12:50-57 D '59.

RADIO BEACONS

Inversion as a means of improving class H circuits [with summary in English]. I. L. Oifa. Avtom. i telem. 20 no. 12;1641-1646 D '59.

RADIO CLUBS

(see also subdivision under Buguruslan; Poterylakov)

"Attract more young people into radio clubs." Radio no. 12:36 D '59.

Develop our youth's interest in technical forms of sport. Radio no. 12:1-2 D '59.

Excursion of pioneers. N. Lobatsevich Radio no. 12:10 D '59.

Measurements are taken by the students. V Petukhov. Radio no 12 10 D '59

Participants of the competition. Radio no. 12:11 D '59

Sport results of the year. N. Kazanskii. Radio no 12: 12-13 D '59

RADIO CONTROL

Radio dispatcher systems of Housing Construction Combines. M. S. Tuzov, G IA. Serdiuk. Biul. tekh. inform. po stroi. 5 no. 12 8-10 '59.

RADIO DIRECTION FINDERS

Radio direction finder. S. Sotnikov, I. Merab'ian. IUn. tekh. 4 no. 12;65-69 D '59.

RADIO FREQUENCY MODULATION

Characteristics of frequency and phase modulated oscillations A. A. Tantsiura Avtom. telem i sviaz' 4 no 1 18-21 Ja '60

Interference rejection of an FM receiver with signal feedback. L. IA. Kantor. Elektrosviaz' 13 no. 10;38-42 O '59.

Protection factors in an ultrahigh-frequency f. m. communication circuit B I. Savitskii, R A Kotikova. Elektrosviaz' 13 no 12:3-9 D '59.

RADIO FREQUENCY MODULATION—RECEIVERS AND RECEPTION

Effect of automatic frequency control on the frequency characteristics of an f m. receiver. A. P. Belkin. Trudy MEI no. 31;106-112 '56.

RADIO IN AERONAUTICS

Automation of component parts K Volkov Grazhd. av 16 no 12 18 D '59

A word about intermediaries A. Shcherbakov. Grazhd. av. 16 no. 9:26 S '59.

RADIO IN INDUSTRY

Urgent objectives of radio engineering NTO no 11.51-52 N '59.

RADIO INDUSTRY

(see also subdivision under Minsk)

Methodology of job analysis in the radio industry. L. Soskin. Sots. trud 4 no. 7 71-74 Jl '59.

What will the radio industry give to the public V. Shvets Sov torg. 33 no. 1 20-25 Ja '60.

RADIO JOURNALISM

(see also subdivision under Magnitogorsk)

Let us share our experiences. T Aliev. Sov. pech no. 12 72 D '59.

Make better use of the great possibilities of radio S. Kraftanov Sov. pech no. 12, 59-60 D '59.

RADIO LINES

Evaluation methods for the calculation of the short wave field strength. E. L. Cherenkova. Elektrosviaz' 13 no. 10 23-29 O '59.

RADIO MEASUREMENTS

The PINP-1 instrument for measuring the intensity of electromagnetic fields. Prib. i tekh. eksp. no. 6;136 N-D '59.

RADIO MODULATION see Modulation (Electronics)

RADIO PULSE TIME MODULATION

Stability of pulse-width modulated automatic control systems. I. N. Pechorina. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:116-121 Mr-Ap '60.

RADIO RELAY SYSTEMS

New developments in the technology of communication H Sinchenko. Nauka i zhyttia 8 no 5 6-10 My '58

RADIO STATIONS

Gosudarstvennyi institut po izyskaniiam i proektirovaniiu sooruzhenii sviazi. [Standard plan for radio rediffusion station with a 5 kw power output] Tipovoi proekt stantsii radiotransliatsionnogo uzla moshchnost'iu 5 kv. Moskva, Sviaz'izdat, 1959. 159 p.

Korovaikov, A. A., and A. I. Korotin. [Elimination of idle time in the operation of rediffusion stations] Likvidatsiia prostoev radiouzlov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 12 p. (Opyt peredovykh sviazistov)

RADIO WAVE PROPAGATION IN THE IONOSPHERE see Ionospheric radio wave propagation

RADIO WAVES

Decrease in the gain of receiving antennas of tropospheric communication lines. B. S. Nadenenko, I. A. Gusiatinskii. Elektrosviaz' 13 no. 12;10-16 D '59.

Determination of soil conductivity by the fading of waves. V. E. Kashprovskii. Radiotekhnika 14 no. 12:8-14 D '59.

RADIO WAVES—PHYSIOLOGICAL EFFECT

Radio waves control living cells. IUn.tekh. 4 no. 11·28-29 N '59.

RADIO WAVES—SCATTERING

Some questions of the theory of wave propagation in media with random inhomogeneities, survey. N G Denisov, V A Zverev Izv vys ucheb zav , radiofiz. 2 no 4 521-542 '59

RADIOACTIVE SUBSTANCES

(see also subdivision under Tien Shan)

Obtaining radiometric data on sedimentary rocks for paleogeographical studies M I Tolstoi Razved. i okh nedr 25 no 10 13-17 O '59.

RADIOACTIVE SUBSTANCES—DECAY

Decays of the type $\mu \rightarrow e+\gamma$ and $\mu \rightarrow e+\nu+\bar{\nu}+\gamma$ IU. S. Krestnikov and others Zhur.eksp.i teor.fiz. 37 no.3. 873-875 S '59

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

International conference on the use of powerful radiation sources in industry. E A Zhikharev. Inzh.-fiz.zhur no.112-115 D '59.

Investigations and industrial testing practices of radioactive densitometers. E.IA.Ovcharenko. TSvet.met. 32 no.12.6-12 D '59.

RADIOACTIVE SUBSTANCES—THERAPEUTIC USE

Leshchinskii, A. F. [Radioactive substances in pharmacotherapy and diagnosis] Radioaktivnye veshchestva v farmakoterapii i diagnostike. Kiev, Gos. med. izd-vo USSR, 1959. 319 p.

RADIOACTIVE TRACERS

Method of determining the exchange current on a solid metallic surface by means of radioisotopes. V. L. Kheifets, S.E.Vaisburd. Zhur.prikl.khim. 32 no. 8: 1781-1787 Ag '59.

Results of using radioactive isotopes in investigations for land improvement purposes [with summaries in English, German, and French]. V.A.Emel'ianov, A.I. Zaitsev. Vest.sel'khoz.nauki 4 no. 11:103-109 N '59.

Significance of a method of labeled compounds for investigating the arterial system of the bone in vivo experiments [with summary in English]. M.G.Prives and others. Arkh.anat.gist.i embr. 37 no.11:56-64 N '59.

Use of radioisotopes in studying littoral sand drifts. O.K. Leont'ev, V.N.Afanas'ev. Biul.Okean kom. no.3:73-79 '59.

Using radioactive isotopes for investigating engines. R.A. Srapeniants. Mekh.i elek.sots.sel'khoz. 17 no.6:14-19 '59.

RADIOACTIVITY

Genesis of radioactivity of the TSkhaltubo mineral springs. L I Torozova. Trudy Inst.geofiz.AN Gruz.SSR 17: 383-404 '58.

Spatial and temporary variations of natural atmospheric radioactivity. S.G.Malakhov and others. Izv.AN SSSR. Ser.geofiz. no.5:698-706 My '60.

Statistics of radioactive transformations of atomic nuclei constituting a family. R.M.Kogan. Izv.AN SSSR.Ser. geofiz. no.5:680-687 My '60.

RADIOACTIVITY—MEASUREMENT

Conditions for determining the specific radioactivity of chlorophyll in infinitely thin preparations. A.A. Shlyk and others. Dokl AN BSSR 3 no.12:484-487 D '59.

RADIOBIOLOGY

Demirchoglian, G.G. [Radioisotopes and radiation in biology] Radioizotopy i izlucheniia v biologii. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 59 p.

Shal'nov, M.I. [Neutron tissue dose] Tkanevaia doza neitronov. Pod red. B.M.Isaeva. Moskva, Izd-vo glav.upr.po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 217 p.

Transmission of strontium-90 by female rats to their young V.G.Kulikova. Dokl.AN SSSR 131 no.6: 1433-1436 Ap '60.

RADIOCHEMISTRY

Universal apparatus with a Co^{60} source of gamma rays having the activity of 60,000 g-eq Ra for the modeling of radiation chemical apparatus and for research ("K-60 000"). A Kh.Breger, V.B Osipov, V A.Gol'din Atom energ. 8 no 5 441-445 My '60

Use of sodium ethylenediaminetetraacetate (Trilon B) in radiochemical analysis. S.G.TSeitlin. Trudy IGEM no.28:148-151 '59.

RADIOCHEMISTRY—CONGRESSES

First All-Union Conference of the Institutions of Higher Learning of the U.S.S.R. on Radiochemistry. A.V. Lapitskii, An.N.Nesmeianov. Izv.vys.ucheb.zav.; khim.i khim.tekh. 2 no.6:974-977 '59.

International Conference on the Use of Nuclear Radiation in the Chemical Industry. A.S.Kuz'minskii. Kauch.i rez. 18 no.12:53-56 D '59.

RADIOCHEMISTRY—EQUIPMENT AND SUPPLIES

Some scientific and technical problems in the development of radiochemical equipment. A.Kh.Breger. Khim. prom. no.6:474-481 S '59.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOFREQUENCY SPECTROSCOPY

Highly sensitive paramagnetic microwave spectrometer on the 9,000 megahertz frequency. IA.L Shamfarov. Prib.i tekh eksp. no 6:57-61 N-D '59

RADIOISOTOPES

Chamber for introducing radioactive isotopes in wells. S N Sarkisov Neftianik 4 no 12:20-21 D '59

Device for introducing radioactive isotopes in wells in cementing operations T.Kh Abramian Neftianik 4 no.11:23 N '59.

Radioactive isotopes in ophthalmology; a survey review of the literature. O.B.Chentsova. Vest.oft. 72 no.4 55-58 Jl-Ag '59.

Studying the penetration of chemical substances into the fresh-water mollusk Limnaea stagnalis L. by the use of tagged atoms. A.L Dul'kin Nauch.dokl.vys.shkoly; biol.nauki no.2·170-172 '60.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Atomic light sources K.P.Belov. Zhel.dor.transp. 41 no.12:85-87 D '59

Comparative accuracy of certain gravity methods of determining cerium S A.Gusinskaia. Izv.vys.ucheb zav.; chern.met. no 3·193-197 '60

Economic effectiveness of using radioactive isotopes in industry. G.Mikheev. Vop.ekon. no.5·67-76 My '60.

Quantity of radiation necessary for studying the wear of machine parts with the aid of radioisotopes A.I Nisnevich. Zav.lab no 11·1341-1342 '59

Radioisotopes and research in farm mechanization. R.Srapeniants Tekh v sel'khoz 20 no 1 65-70 Ja '60

"Radioisotopes in the metallurgy and metallurgraphy of welding" by B.I.Bruk. Reviewed by P.L.Gruzin. Zav. lab. 25 no.12.1539-1540 '59.

Studying interaction of flotation reagents and a silver plate surface by means of radioactive indicators M B. Barbin. Trudy Ural politekh.inst. no.75:233-242 '59.

Use of radioactive isotopes and nuclear rays to study the flotation process. S.P.Zaitseva and others. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.2·120-132 Mr-Ap '60.

Using radioisotope transducers for an efficient inspection of grinding-machine parts. V.V.Kondashevskii and others. Vest.mash. 40 no.1.67-70 Ja '60.

Using radioisotopes in investigating the wear resistance of face-milling cutters. E.P.Nadeinskaia. Vest.mash. 40 no.1·62-67 Ja '60.

RADIOLOGY, MEDICAL

Current status of roentgenological services in the R.S.F.S.R. V.P.Vikturina. Vest.rent.i rad. 34 no.3.96-98 Mr-Ap '59.

V[illegible]

Moskva, Izd-vo Akad.nauk SSSR, 1960. 400 p. (Its Trudy)
(DNLM)

RADIOMETER

Mobile electronic acoustical and radiometric laboratory. A.S Durasov and others. Biul.tekh.inform.po stroi. 5 no.11:11-16 N '59.

Theory of a thermal detector with conical scanning. IU.V.Pavlov. Radiotekhnika 14 no.12.50-57 D '59.

Using the method of gamma-ray radiation in absolute measurements of the density of soils and grounds. V.A. Emel'ianov. Biul.tekh.-ekon.inform. no.11:67-69 '59.

RADIOTHERAPY

Dosimetric measurements with the RUM-3 roentgenotherapy apparatus. IU.S.Khomiakov, M.IA.Nekhliudova. Vest.rent.i rad. 34 no.2:94-95 Mr-Ap '59.

RADIUM—TOXICOLOGY

Radiation injuries. A.I.Lebedeva. Vest.rent.i rad. 34 no.2:92-94 Mr-Ap '59.

RADOTIN, CZECHOSLOVAKIA—CEMENT INDUSTRIES

Following the example of our Soviet friends V.Kassis. Smena 36 no.23:16 D '59

RAILROAD BRIDGES

Kazei, I.I. [Dynamic analysis of railroad bridge span structures] Dinamicheskii raschet proletnykh stroenii zheleznodorozhnykh mostov. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 467 p.

Regulation of water flow under small bridges. P.I Minin. Put' i put.khoz. no.12·9 D '59

RAILROAD BRIDGES—PAINTING

Use of an air curtain in bridge painting. IU.D Rekhovskii Put' i put.khoz. no.12 10-11 D '59

RAILROAD ENGINEERING

Competition and inspection for the best system for the adoption of inventions and suggestions Elek i tepl tiaga 4 no 1 32 Ja '60

Replies to readers' questions. S.I.Osipov Elek i tepl tiaga 3 no 12 43 D '59.

Selecting an economical system for railroad junctions for the addition of new lines G.S.Golubev Zhel.dor transp. 41 no.12:40-44 D '59

RAILROAD RESEARCH

(see also subdivision under Germany, East)

In the departments and laboratories of the Central Scientific Research Institute of the Ministry of Railroad Transportation. Vest.TSNII MPS 19 no.1 60 '60.

RAILROADS

(see also subdivision under Bataysk; Perm)

All forces should be directed toward the achievement of our great objectives. Put' i put khoz no 11 1 N '59

Automation of railroad transportation. H.Lytvynovs'kyi, M.Horylovs'kyi. Nauka i zhyttia 9 no.12:21-24 D '59.

Construction of the Southern Main Line, 1864. S.V. Kul'chyts'kyi. Pratsi Od.un. Zbir.stud.rob. no.5. (vol.149) 29-37 '59.

Let us organize to switch over to the seven-hour working day. A.E Eserin, S.S.Remennikov Elek i tepl tiaga 4 no 1 1-3 Ja '60.

Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transprota. [Problems in planning and operating railroads] Voprosy proektirovaniia i ekspluatatsii zheleznykh dorog. Moskva, Gos.transp.zhel-dor.izd-vo, 1958. 209 p.
(DBC)

New motion pictures. Avtom.,telem.i sviaz' 4 no 1 45 Ja '60

Utilization of rare metals in railroad transportation N.A.Bushe Vest.TSNII MPS 19 no.1.52-54 '60

RAILROADS—ACCOUNTING

Useful book for supply workers ("Financial planning and accounting in railroad supply organizations" by I.N Shukhatovich Reviewed by A V Kondrashov) Zhel dor transp. 41 no 12 89-91 D '59.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Prov. No 270-002 air distributor for freight train brakes E.V.Klykov, P.T.Grebeniuk. Vest.TSNII MPS 19 no 1 16-20 '60.

RAILROADS—BUILDINGS AND STRUCTURES

Kolomeets, A.V. [Manual for building inspectors] Spravochnik smotritelia zdanii. Moskva, Vses. izdatel'sko-poligr.ob''edinenie M-va putei soobshcheniia, 1960. 361 p.

Potentialities for reducing the costs of housing construction. V.B.Babelian. Zhel.dor transp. 41 no 12 [illegible] D '59

RAILROADS—CARS

(see also subdivision under Gomel')

Inspection of the condition of the subassemblies and parts of cars during operation V.P.Skorobogatov. Zhel dor transp 41 no.12·73-74 D '59.

Potentialities for reducing the empty weight of cars. K A Safontsev. Zhel dor transp. 41 no 12:24-27 D '59

RAILROADS—CARS—CONSTRUCTION

Development of business accounting the Ural Railroad Car Construction Plant I Volchkov, P IAlyshev. Sots trud 4 no.11 109-116 N '59

RAILROADS—COMMUNICATION SYSTEMS

Centralization in the use of dispatcher communication V.I Kainara. Avtom,telem i sviaz' 4 no 1 36 Ja '60

Change in the rebroadcasting circuit. B M Nacheryi Avtom.telem.i sviaz' 3 no 12:37 D '59

Control circuit for rebroadcasting in railroad radio communication. A.S.Fedinev. Avtom,telem.i sviaz' 4 no.1:38-39 Ja '60.

Control device for ZhR-4P transmitter-receiver set G.P.Lazarevich Avtom.,telem.i sviaz. 4 no 1 40 Ja '60.

From the editor's mail. Avtom.,telem.i sviaz' 4 no.1 44 Ja '60.

In the Collegium of the Ministry of Railroad Transportation: Introduction and further development of automation, remote control, and communication equipment Zhel dor.transp. 41 no 12:59-60 D '59.

KASS-19e railroad station communication apparatus. S T Parfenov, A.L Kazimov. Avtom,telem.i sviaz' 4 no. 22-24 Ja '60

ST-58 junction repeater. M.V.Frolov. Avtom,telem i sviaz' 4 no.1·40 Ja '60.

Selection of radio waves for railroad communications A I Rakov Avtom.telem i sviaz' 3 no 12 30 D '59

Working together in friendship with Chinese communication workers. E.M.Verlinskii. Avtom.telem i sviaz' 4 no.1:28 Ja '60.

RAILROADS—COMMUNICATION SYSTEMS—BIBLIOGRAPHY see Bibliography—Railroads—Communication systems

RAILROADS—CONSOLIDATION

New potentialities of a consolidated main line. V.A.Garnyk. Zhel dor transp 41 no 12 3-8 D '59

RAILROADS—CONSTRUCTION

Pipes without foundation P M Zelevich Put' i put khoz no. 11 11 N '59

The road of friendship. A Sosnovskii. Tekh mol 27 no 12 20-23 '59

RAILROADS—COST OF OPERATION

Estimating the costs of a passenger-hour V S. Kuptsov Vest TSNII MPS 19 no. 1 36-39 '60.

Orlov, V.N., and A.S. Chudov. [Calculation and analysis of railroad transportation costs] Kal'kuliatsiia i analiz sebestoimosti zheleznodorozhnykh perevozok. Izd., 3., perer. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1960. 314 p.

RAILROADS—CROSSINGS

Signaling at the crossings of railroad station areas I L. Nekrash, I S Dolgina Avtom telem i sviaz' 3 no 12 6-10 D '59

RAILROADS—CURVES AND TURNOUTS

Auxiliary problems solved geometrically by inscribing in curves I. I Nikolaev. Vest. TSNII MPS 19 no 1 40-50 '60

Efficient surveying of railroad curves by using the method of evolvent differences for their straightening B. M. Kopylov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:129-135 '59.

How to make the transition to the wider gauge on curves. D M Khonin Put' i put khoz no 12 34 D '59

New instrument for designing curves. Put' i put khoz no. 11 28-29 N '59

Sectioning transit curves by means of the curve secant. K. M. Cherniakov. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2:136-141 '59.

RAILROADS—DINING CAR SERVICE

This is worth thinking about. E. Piriazev. Obshchest. pit. no. 10:31 O '59.

RAILROADS—ELECTRIC EQUIPMENT

Determination of the maximum length of the trackside electric power supply line V. A. Zamiatin. Trudy MIIT 114:145-149 '59.

Electric power supply along the line. E R Ivanov Put' i put. khoz no 11 6-8 N '59

Investigation of certain problems of the trackside electric power supply to railroad installations and homes of railroad workers. V E. Dotsenko, B. K. Basova. Trudy MIIT 114:121-142 '59.

Methods for technical and economic calculations for 10 kv trainside electric supply lines. V. N. Stepanov. Trudy MIIT 114:114-120 '59.

New system for suspension and driving of generators in passenger railroad cars made of metal. A. N. Shpak. Biul. tekh.-ekon. inform. no. 12:62-63 '59.

Remote control of the electric power supply of a railroad center by series connection of phases. V. E. Dotsenko. Trudy MIIT 114:142-144 '59.

Three-wire circuit for switching-in a three-phase electric drive motor in railroad switches Avtom, telem i sviaz' 4 no 1 46-47 Ja '60.

The VMO-35-type single-phase oil switch. I. G. Korovinkovskii. Biul tekh-ekon. inform no 11:44-45 '59.

RAILROADS—ELECTRIFICATION

(see also subdivision under Great Britain; Krasnoyarsk Territory)

Some problems in the over-all electrification of railroads in the U.S.S.R. V. E. Dotsenko. Trudy MIIT 114 99-113 '59.

Two-wire feed lines supplying automatic block system lines with electric power V. A Zamiatin Avtom. telem i sviaz' 4 no 1:4-7 Ja '60.

RAILROADS—ELECTRONIC EQUIPMENT

Combination device for a.c. measurements in rails. IU. V. Grigor'ev Avtom telem. i sviaz' 4 no 1:34-35 Ja '60.

Efficiency experts suggest. A. N. Zhertovskii and others. Avtom., telem. i sviaz' 4 no 1:32-33 Ja '60

Improving the condition of equipment. V. P. Maisuradze. Avtom., telem. i sviaz' 4 no. 1:29 Ja '60.

New power supplying device for electric interlocking. V. I. Gerasenkov, K. A. Krivitskii Avtom., telem. i sviaz' 4 no. 1:8-13 Ja '60.

Questions on the design of electric interlocking units. A V Skorniakov Avtom telem i sviaz' 3 no. 12:17-20 D '59

Small two-element vane-type plug relay. A. I. Kalgushkin. Avtom. telem. i sviaz' 4 no 1:14-17 Ja '60.

RAILROADS—EMPLOYEES

Let's get ready for a seven-hour workday. Avtom telem. i sviaz' 3 no 12:1-2 D '59.

Railroad personnel should get first class service! G. Vel'danov and others. Obshchestv. pit. no. 12:35-38 D '59.

Results of superficial investigation. M. Vinogradov. Sots. zakon. 36 no. 12:60 D '59.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Socialist competition in technical schools. I. P. Latynin. Sred. spets. obr. 6 no. 11,25-27 N '59.

Training of railway car repairmen. V. Riga. Prof.-tekh. obr. 16 no. 12:13 D '59.

RAILROADS—EQUIPMENT AND SUPPLIES

Best instruments should be put into mass production Put' i put khoz no 11 34-35 N '59

EPK-2 electropneumatic spike driving tool. N. A. Karpov. Trudy TSNII MPS no. 178:79-101 '59.

Electromechanical power wrenches. M. S. Pesel'nik. Trudy TSNII MPS no. 178:115-125 '59.

Improving the electric vibratory tie tamper. N. A. Karpov, V. I. Shestopalov. Trudy TSNII MPS no. 178:71-78 '59.

Insulated measuring tape. A. A. Murzenko Avtom., telem. i sviaz' 4 no 1 37-38 Ja '60.

RAILROADS—FIRES AND FIRE PREVENTION

One of the causes of cotton ignition during transportation S. Taubkin Pozh. delo 5 no 11:9 N '59.

RAILROADS—FREIGHT

Effectiveness of the performance of loading and unloading operations by railroad equipment K. N Malakhov, V. V Golubkov. Zhel. dor transp 41 no 12:12-15 D '59

Increase cargo transportations in mixed railroad-water communications. I. S. Kraev, V. G. Teplov. Rech. transp. 18 no. 12:3-7 D '59.

Increase lumber transportations by mixed railroad-waterway communications. M. F. Lavrent'ev, N. V. Ezhov. Rech. transp. 18 no. 12:11-14 D '59.

RAILROADS—FREIGHT CARS

Vibratory coal packing as a means for improving the load capacity of cars D. S Povolotskii Vest. TSNII MPS 19 no 1 40-42 '60

RAILROADS—HUMP YARDS

Automation of car classification operations in retarder yards. N. F Fonarev Vest. TSNII MPS 19 no 1 3-9 '60.

Nomogram for calculations in the specialization of classification yards. A. A Fomin. Zhel. dor. transp 41 no 12:46-47 D '59

RAILROADS—MAINTENANCE AND REPAIR

(see also subdivision under Kurgan Province)

Abolish shift work of electricians. S. A Kubasov Avtom. telem i sviaz' 3 no 12 34 D '59.

Applying the new technology. S N. Dolmatov, A. D Demichev Put' i put. khoz. no 12 21 D '59.

First competition results V. M Angeleiko Put' i put khoz no 11 25-26 N '59

Improving the condition of equipment V. P. Maisuradze. Avtom., telem i sviaz' 4 no. 1:29 Ja '60.

Replies to readers' questions. M. N. Khatskelevich. Elek i tepl. tiaga 4 no 1,45 Ja '60

Vigilant tunnel inspector. I. I Merinov Put' i put khoz no. 12:39 D '59.

Young section foreman. N I. Shkurat Put' i put. khoz no 12 33 D '59

RAILROADS—MAKING UP TRAINS

Effectiveness of making up trains on the basis of weight classification. E. I. Pozamantir Vest. TSNII MPS 19 no. 1 43-46 '60.

RAILROADS—MANAGEMENT

Experiences in preparation for the shift to a 7-hour workday N. D. Khlomenok Zhel. dor. transp. 41 no. 12 9-11 D '59.

RAILROADS—MAPS

[Atlas of the Soviet railroad line maps] Atlas skhem zheleznykh dorog SSSR. Moskva, Glav. upr. geod. i kartografii MVD SSSR, 1960. 143 p.
[MICROFILM]

RAILROADS—PASSENGER TRAFFIC

Estimating the costs of a passenger-hour V. S. Kuptsov Vest. TSNII MPS 19 no. 1,36-39 '60.

Good beginning N. Shatilov. Agitator no. 1:61 Ja '60.

A lecturer's initiative. S. Spitsyn. Agitator no. 1:62 Ja '60

To the clicking of the wheels L. Grigor'ev. Agitator no. 1:62 Ja '60.

There must be propagandists on trains. I. Loenko. Agitator no. 1:62 Ja '60.

RAILROADS—PRODUCTION STANDARDS see subdivision under Donets Basin

RAILROADS—RAILS

Connecting fish plates or connecting rails? F T. Burlakina Put' i put. khoz no 12:13 D '59

Effect of heat treatment over the heating needed for rolling, on the mechanical properties of mine rails. E. S. Tovpenets and others Izv. vys. ucheb. zav., chern. met. no. 4:145-152 '60.

Improving rail grinding. V V. Shepelev, V N. Shepelev Put' i put. khoz. no 11 29-30 N '59

Lengthening the life of rails. M. F. Sen'ko. Put' i put. khoz. no 12:24 D '59.

Rail design to withstand the effect of side stresses. O. P Ershov Vest TSNII MPS 19 no. 1:20-24 '60.

RAILROADS—RAILS—WELDING

Resistance butt welding of rails by low frequency currents. N. V. Podola. Avtom. svar. 12 no 12:13-21 D '59

Welders. N. Ponomarenko Put' i put khoz. no. 11:44-45 N '59.

RAILROADS—RATES

More about the simplification of freight rates. G. M. Shteinfer. Zhel. dor transp. 41 no. 12:57-58 D '59

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Regulations for railroad transportation of passengers and freight in the U.S.S.R., Rates manual no. 5, effective as of the April 1, 1955] Pravila perevozok passazhirov i bagazha po zheleznym dorogam Soiuza SSR; tarifnoe rukovodstvo no. 5. Vveden v deistvie s 1 aprelia 1955 g. Izd. 3., ispr. i dop. soglasno sbornikam pravil perevozok i tarifov zheleznodorozhnogo transporta po no. 99 vkliuchitel' no. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 167 p.

RAILROADS—REPAIR SHOPS

(see also subdivision under Liski, Tashkent)

Increased labor productivity at the Tiflis Locomotive and Car Repair Shop. K. M Koreselidze, I. IA Kakitelashvili Zhel. dor transp 41 no 12,71-73 D '59

Mobile hoist for changing friction apparatus A N Kazarin. Elek i tepl tiaga 3 no 12:23 D '59.

RAILROADS—ROLLING STOCK

(see also subdivision under United States)

Akademiia nauk SSSR. Institut kompleksnykh transportnykh problem. [Problems in reducing the weight of rolling stock] Voprosy snizheniia vesa podvizhnogo sostava Moskva, 1960. 130 p.

Auxiliary problems solved geometrically by inscribing in curves. I. I. Nikolaev Vest TSNII MPS 19 no 1 40-50 '60.

Investigating lubricating greases for axle box roller bearings for rolling stock. V. S. Shadkin and others. Trudy TSNII MPS no. 180:4-42 '59.

RAILROADS—SAFETY MEASURES

How we provide labor safety for railroad workers. V. F Shapovalov Put' i put khoz no. 12 22-23 D '59

Preventing track obstruction by falling rocks A. D Mesropian Put' i put khoz. no 12 16-18 D '59

RAILROADS—SANITATION

Attention should be paid to this problem. B. V. Sorokin Put' i put khoz no 11 45 N '59

RAILROADS—SIGNALING

(see also subdivision under Czechoslovakia)

Changes in the circuit for the switching in of route indicators. M S Brodskii, IU S Shteinsapir Avtom telem i sviaz' 3 no 12:26-29 D '59

Development of the means for railroad automation and remote control. G. I. Kolinda Zhel. dor. transp. 41 no. 12:53-56 D '59.

From the editor's mail. Avtom., telem. i sviaz' 4 no. 1:11 Ja '60

Letters to the editor Avtom telem i sviaz' 3 no. 12:41 D '59

New achievements in the seven-year plan N. M. Semenov. Avtom, telem. i sviaz' 4 no 1 1-3 Ja '60.

Regulating the frequency of the checking of signaling devices I A. TSetsura Avtom. telem. i sviaz' 4 no 1: 30-31 Ja '60.

Signaling at the crossings of railroad station areas. I L. Nekrash, I. S. Dolgina Avtom. telem i sviaz' 3 no 12 6-10 D '59.

RAILROADS—SIGNALING—BLOCK SYSTEMS

Brief reports. Avtom. telem. i sviaz' 4 no 1:17 Ja '60.

Linking of Soviet automatic block systems with present-day signaling devices at Czechoslovakian railroad stations. E Maier Avtom telem i sviaz' 3 no 12 20-23 D '59.

Two-wire feed lines supplying automatic block system lines with electric power. V. A. Zamiatin. Avtom, telem i sviaz' 4 no. 1:4-7 Ja '60.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Device which registers the number of times auxiliary buttons have been used. G F Zdanovich Avtom telem sviaz' 3 no 12:33 D '59.

New power supplying device for electric interlocking. V. I. Gerasenkov, K. A. Krivitskii. Avtom., telem. i sviaz' 4 no. 1:8-13 Ja '60

Questions on the design of electric interlocking units. A V. Skorniakov Avtom telem. i sviaz' 3 no 12:17-20 D '59

Technical consultations. Avtom. telem. i sviaz' 3 no 12 12 D '59.

RAILROADS—SNOW PROTECTION AND REMOVAL

(see also subdivision under Berchogur, Kizel; Saratov; Sverdlovsk)

Combined operations for the prevention of snow blocks. D. M. Mel'nik. Zhel. dor. transp 41 no 12:20-23 D '59.

Figuring out expenses for snow removal by the cubic meter of snow G. B Kroznykh Put' i put khoz. no 12:7 D '59

How to achieve economies in spending allocations for snow control. D. S. Kazakov and others Put' i put khoz. no 12 6 D '59

Improvement cutting of snow protection plantations. V. A Chirkov Put' i put khoz no. 12:30-33 D '59.

Special snow loader. IU. P. Chelombit'ko, L. A Ettingof Put' i put. khoz no 11 27 N '59.

RAILROADS—SNOWPLOWS

New working elements of snow plows F. D Barykin, P. P. Nedashkovskii Vest TSNII MPS 19 no 1 55-57 '60

RAILROADS—STANDARDS

Railroad clearances. A.V.Baikov. Standartizatsiia 23 no.11:40-41 N '59.

RAILROADS—STATIONS see subdivision under Leningrad, Ukraine

RAILROADS—SWITCHES

Casehardening of point rails and rail tongues A Z D'iachenko, R Z Kats M N Shvetsova Put' i put khoz no 12 35-36 D '59

Lock for the slide on the operating mechanism of a railroad switch P N Zhil'tsov Avtom.,telem i sviaz' 4 no.1 39 Ja '60

New switch designs Put' i put khoz no 11 30 N '59

Pneumatic cleaning of switches V F Kharlamov Put' i put khoz. no 11 16-18 N '59

This happened on a roundhouse switch L. Troitskii Put' i put khoz no 11 42-43 N '59

Three-wire circuit for switching-in a three-phase electric drive motor in railroad switches. Avtom telem. i sviaz' 4 no.1 46-47 Ja '60

Use of propane to heat switches Avtom.,telem i sviaz' 4 no 1:47-48 Ja '60

RAILROADS—SWITCHING—BIBLIOGRAPHY see Bibliography—Railroads—Switching

RAILROADS—TICKETS

Organization of advance ticket sale on foreign railroads K. F Semin, V A. Fedorov Zhel dor transp 41 no 12 80-83 D '59

RAILROADS—TIES

(see also subdivision under Czechoslovakia)

Improving the tie tamper V N Stel'mashev Put' i put khoz no 12 18 D '59

Mechanization of the replacement of railroad ties. T. M. Logvinenko, S N. Filippenko Avtom telem i sviaz' 4 no 1 25-27 Ja '60

New State Standards for wooden ties A A Romanov. Put' i put khoz no 12 37-38 D '59

Progressive workers exchange information Put' i put. khoz. no 12 40 D '59

RAILROADS—TIES, CONCRETE

Experimental fastenings for reinforced concrete ties N A Slavikovskii, IA P IAkovleva Put' i put khoz no 12 12-13 D '59

RAILROADS—TRACK

(see also subdivision under China)

Ballast cleaners used for cutting ballast from beneath the rail in track levelling S A Mamatov Put' i put khoz no 12 15 D '59

Consolidating assembling points for track skeletons V M Rubbo Put' i put khoz no 11:21 N '59

Dismountable machinery for track alignment. N. A. Karpov, M. S. Pesel'nik, V. I. Shestopalov. Trudy TSNII MPS no. 178:35-57 '59.

Effect of surface water diversion on the stability of the rail support V I Bolotin. Vest. TSNII MPS 19 no. 1 24-27 '60.

Elimination of track heaving is the most important problem G A Chibizov Put' i put khoz no. 12 3-5 D '59.

For the control of the track level L M Il'in Put' i put khoz no 11 31 N '59

Function of the rail neck in the rail joint. L. P. Birichevskii Izv vys ucheb zav., les. zhur. 2 no 6 78-84 '59.

Interesting method of track repair after heaving M V. Volkov Put' i put khoz no 12 5-6 D '59

Judging track conditions by the forces of its interaction with rolling stock. V. V. Abashkin and others. Vest. TSNII MPS 19 no. 1 10-13 '60

Need for a modification of methods for the inspection and evaluation of track conditions. Zhel dor. transp 41 no. 12:48-49 D '59.

On track sections with heaving soil A F Kriulin. Put' i put khoz no 11 21 N '59

Principles of calculating the retentivity of anticreepers S I. Morozov Izv vys ucheb zav., les zhur 2 no 5 70-75 '59.

Rebuilding a roadbed damaged by earth slides A G Polukeev Put' i put khoz no. 11:24 N '59.

Summing up achievements in track management during the first year of the seven-year plan Put' i put khoz no 12 1-2 D '59.

Track maintenance on heavy-duty lines. V. N. Stel'mashev. Trudy TSNII MPS no. 178:23-34 '59.

Track repair with new ballast V M Vanin Put' i put. khoz no 11 9-11 N '59

Types of mechanisms and work organization systems for track maintenance. F. I. Antonov. Trudy TSNII MPS no. 178:4-22 '59.

RAILROADS—TRAFFIC

Effectiveness of lengthened haul distances. A. I. Iokton. Zhel. dor. transp 41 no. 12:65-68 D '59

Efficient spacing of passing points in planning train sheets for two-train lines A D Karetnikov Vest. TSNII MPS 19 no 1 27-32 '60

New rules ensuring safety for traffic G I Koliada, I D Antoniuk Avtom telem i sviaz' 3 no 12 3-5 D '59

Technical and economic factors should underlie the routing plan V T Osipov Vest TSNII MPS 19 no 1 32-36 '60

"Traffic organization in railroad transportation" by F P Kochnev Reviewed by N. I Dunaev and others Zhel. dor transp 41 no 12 91 D '59

RAILROADS—TRAIN DISPATCHING

Progressive methods in dispatch operations. P N. Varezhkin, A V. Vinnichenko Zhel dor. transp 41 no 12, 61-65 D '59

RAILROADS—TRAIN SPEED

Determining the most advantageous speed ratio of passenger and freight trains A D Karetnikov. Zhel dor transp 41 no 12:37-40 D '59

RAILROADS—TRAINS

Accuracy of calculations for determining the weight of trains L. G. Abelishvili, N. M Roinishvili Zhel dor transp. 41 no 12:44-46 D '59

Longitudinal dynamic stresses in a train weighing 7,500 tons O G Boichevskii, P T Grebeniuk Vest TSNII MPS 19 no 1 14-16 '60

RAILROADS, CABLE

Dump cable railroad with sectorial dump zones and mechanized loading station. G. G. Kuibida. Mekh. i avtom. proizv. 13 no. 12:6-10 D '59.

Investigating stresses in cables of funicular railroads. N. M. Balaia, A. G. Prokhorenko. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2 110-117 '59.

RAILROADS, INDUSTRIAL

(see also subdivision under Dneprodzerzhinsk)

Characteristics of track maintenance and repair in industrial transportation. IU. M. Kossoi Zhel. dor transp 41 no 12 49-52 D '59.

Consolidate transportation offices. V. Eremenko. Sots. trud 4 no. 7 127-128 Jl '59.

RAILROADS, INDUSTRIAL—TRAINS

Construction and maintenance train of logging railroads. Kh Kh Siundiukov, V P Trusov Put' i put khoz. no 12 27 D '59

RAILROADS, MINE see Mine railroads

RAILROADS, NARROW-GAUGE

Calculations for narrow-gauge tracks on longitudinal crosstie bearings T. A Gur'ev, V V. Shchelkunov. Izv. vys. ucheb zav., les zhur. 2 no. 5 76-80 '59

RAIN AND RAINFALL

Characteristics of rainfall distribution over a given area. Z. P. Petrova. Trudy GGI no 68:86-113 '59.

RAKHOV DISTRICT—COSTUME

Peasant costume in Rakhov District. O. F. Komandrov. Nar. tvorch. ta etn. 3 no. 3:82-88 Jl-S '59.

RAKHOV DISTRICT—HISTORICAL MUSEUMS

Historical museum of a workers' settlement. M. Maziuta. Nar. tvorch. ta etn. 3 no. 3:142-145 Jl-S '59.

RAMS

Chemical castration of old rams. M. N. Kirillov. Ovtsevodstvo 5 no. 12:36 D '59.

RARE EARTH BORIDES—ELECTRIC PROPERTIES

Electric properties of the borides of rare earth metals [with summary in English]. H. V. Samsonov, IU. B. Paderno. Dop AN URSR no. 11:1215-1218 '59

RARE EARTH SALICYLATES

Basic salicylates of rare earth elements [with summary in English]. V. I. IErmolenko. Dop. AN URSR no. 10:1126-1129 '59.

RARE EARTHS

Chromatographic separation of rare earths with the aid of tributyl phosphate. L. E. Martynenko, G. K. Eremin, A. I. Kamenev. Zhur. neorg. khim. 4 no. 11:2639 N '59.

RARE EARTHS—ANALYSIS

Rapid photometric determination of total rare earths [with summary in English]. A. F. Kuteinikov, G. A. Lanskoi. Zhur. anal. khim. 14 no. 6:686-690 N-D '59.

RARE GASES see Gases, Rare

RASPBERRIES—DISEASES AND PESTS

Orange rust of raspberries in the U. S. S. R. O. B. Natal'ina Bot. zhur 44 no 10:1498-1499 O '59

RATS see subdivision under Kirghizistan

RAYON

Causes of bright and dull lusters of viscose silk. A. I. Riabinina, L. N. Panova. Khim. volok. no. 5:73-74 '59.

Drying of viscose cord fiber on the PN-275 machine. V. I. Fedotov. Khim. volok. no. 5:43-45 '59.

Effect of the composition of the precipitation bath on the swelling of viscose fiber. D. N. Arkhangel'skii, Z. A. Rogovin, A. A. Konkin. Khim. volok. no. 5:36-38 '59.

Effect of the molecular weight and polydispersity of acetyl cellulose on the conditions of forming and on the properties of acetate fiber. V. A. Sokolova, Z. A. Rogovin. Khim. volok. no. 5:45-47 '59.

Studying the formation process of viscose cord fiber V. S. Zakharov, I G. Zelentsov, A. B. Pakshver. Khim. volok. no. 5:34-35 '59.

Surface phenomena occurring in the system viscose - spinneret - precipitation bath. A. T. Serkov and others Khim. volok no 5:31-33 '59.

RAYON SPINNING

Spinning of staple fiber without guide-pulley. E. A. Kuril'chikov and others. Khim. volok. no. 5:38-41 '59.

RAZDELNAYA—MOTION-PICTURE PROJECTION

To work where work is more difficult! P. Karas'. Kinomekhanik no. 12:11 D '59.

READING (ELEMENTARY)

Elementary writing and reading in kindergartens. O. Anastasevych. Doshk. vykh 20 no. 12:27-28 D '59

Teaching six-year old children to read and write. K. Aleksieieva. Doshk. vykh 20 no. 12:13-18 D '59

READING MACHINES

Number of image describing coordinates in pattern recognizing systems. V. S. Fain. Izv. AN SSSR Otd tekh. nauk. Energ. i avtom. no. 2:164-172 Mr-Ap '60

REALISM IN LITERATURE

Dneprov, V. D. [Problems of realism] Problemy realizma. Leningrad. Sovetskii pisatel', 1960. 350 p.

New work in the field of aesthetics ("Talent and the people" by M. Shamota. Reviewed by H. K. Sydorenko). Rad. lit no. 6:142-145 N-D '59.

RECEPTORS (NEUROLOGY)

Compensatory function of the motor analyser following exclusion of visual reception. A. S. Batuev. Nauch. dokl. vys. shkoly, biol. nauki no. 2:63-66 '60.

Sensitivity of chemoreceptors of certain organs to ammonia [with summary in English]. N. N. Poliakova. Fiziol. zhur. 45 no. 12:1446-1453 D '59.

RECKLINGHAUSEN'S DISEASE see Neurofibromatosis

RECLAIMED RUBBER see Rubber, Reclaimed

RECLAMATION OF LAND

(see also subdivision under Fergana; Kazakhstan)

Machinery for the drainage and reclamation of swamps R Turetskii. Tekh. v sel'khoz 20 no 1 17-21 Ja '60

RECLAMATION OF LAND—ECONOMIC ASPECTS

Method of estimating the economic effectiveness of land reclamation projects. B. G. Khodasevich. Gidr. i mel 11 no. 12:3-9 D '59.

RED CLOVER see subdivision under Mezen' Valley

RED CROSS

(see also subdivision under Germany, East; Moscow; Spain)

For a high level of production. N. Dronov. Sov kras krest 9 no. 6 3-4 N-D '59

On the true path. V. Trofimov. Sov kras krest 9 no. 6:5-8 N-D '59.

RED DEER

Halophytes of Biruchiy Island (Sea of Azov) and their role in the life of the red deer. V. H. Nikolaievs'kyi. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 187-198 '59.

RED MULLETS

Diurnal and seasonal variations of feeding in the red mullet Mullus barbatus ponticus Essipov. N. IA. Lipskaia. Trudy SBS 11:213-228 '59.

Length of the digestion of food in the red mullet Mullus barbatus ponticul Essipov. N. IA. Lipskaia. Trudy SBS 11:200-212 '59.

RED RIVER VALLEY, VIETNAM—WATER RESOURCES DEVELOPMENT

Problems of the Red River in the economy of Vietnam. Tran Dang Khoa. Gidr. i mel. 11 no. 12:46-52 D '59

RED SPIDER

Parthenogenesis of the ordinary spider mite Tetranychus urticae. C. L. Koch. Z. I. Strunkova. Dokl. AN Tadzh. SSR 2 no. 1:53-56 '59.

Results obtained from testing new phosphorus organic systemic insecticides in controlling red spiders on plum trees N. E. Aleksidze, G V. Dolidze. Vin SSSR 19 no. 8:31 '59

RED SPIDER—DISEASES AND PESTS see subdivision under Tajikistan

REDUCING AGENTS

Molybdenometry. Report No. 1: Preparation and standardization of tribalent molybdenum solutions [with summary in English]. A. I. Busev, Li Keng. Zhur. anal. khim. 14 no. 6:668-670 N-D '59

REDUCTION, ELECTROLYTIC

Some irregular polarization curves on a dropping mercury electrode [with summary in English] N. V. Nikolaeva-Fedorovich, IU. M Povarov. Zhur. anal. khim. 14 no 6.663-667 N-D '59

REED (BOTANY)

Geographical distribution and future utilization of reeds in the U S S R M S Buianovskii, A I Krivitskii, V I. Mudrik Izv AN SSSR Ser geog no 2 70-78 Mr-Ap '60

REFLEXES

Interoceptive reflexes from the pleura affecting blood circulation, respiration and lymph flow in hypothermia L. P. Musatova. Vest AN Kazakh.SSR 15 no. 11:77-83 N '59.

New preparation for studying peripheral viscero-visceral reflexes I. A. Bulygin, M. P Kul'vanovskii. Dokl AN BSSR 3 no. 12:510-511 D '59

REFORESTATION
(see also subdivision under Georgia; Karelia)

Development of the advance and the second growth of pine in clear-cut areas G E. Platetskii. Izv. vys. ucheb. zav, les zhur 2 no. 6:37-42 '59.

Natural regeneration under the canopy of oak woods in the forest-steppe region. V N Ryzhkova Izv vys ucheb zav, les zhur 2 no 5 50-61 '59

Natural regeneration under the canopy of spruce woods. V S Voronova. Trudy Kar. fil AN SSSR no 16:30-37 '59.

Silvicultural significance of the second growth of spruce. N. I. Kazimirov. Trudy Kar. fil AN SSSR no. 16:38-46 '59

REFORMATORIES

Participation of our people in the work of corrective labor colonies. V. Monakhov, S. Shevchenko. Sov. iust. no. 12: 16-19 D '59.

Patronage aid of workers to corrective labor colonies. A. Salmin, A. Kuznetsov. Sots. zakon. 36 no. 12:23-29 D '59.

REFRACTION, ASTRONOMICAL

Atmospheric dispersion and chromatic refraction [with summary in English]. O. A. Mel'nikov. Izv. GAO 20 no. 4:1-32 '57.

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Performance of the model 115 centrifugal pug mill. D. S. Rutman and others. Ogneupory 24 no. 12:550-553 '59.

REFRACTORY MATERIALS
(see also subdivision under Amangel'dy District)

Heat processes in electric arc furnace linings. A I. Dokshitskaia. Trudy Ural. politekh. inst. no. 75:123-132 '59

Interaction between the carbon of metal baths and the hearth of basic open-hearth furnaces. V. A. Startsev, P. V. Umrikhin. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:53-59 S '59.

Life of varying thickness crowns in electric steel-smelting furnaces. M. N. Kabicheva, N. A. Tulin, N. I. Fadeeva. Metallurg 4 no. 12:21-22 D '59.

"Production of heat-insulating, lightweight grog refractories" by M. A. Rabinovich, M. I. Krivoi, N. P. Mikhailov. Reviewed by G. G. Fel'dgandler. Ogneupory 24 no. 12:576 '59.

Properties of a high-alumina refractory made from Keyvy cyanites and changes taking place during service in a ladle for casting steel. B. V. Ivanov, D. K. Vlasova. Izv. Kar. i Kol'. fil. AN SSSR no. 3:102-114 '59.

Use in open-hearth furnaces of metallurgical magnesite powder with a high content of calcium oxide. V. A. Bron and others. Ogneupory 24 no. 12:553-560 '59.

REFRACTORY MATERIALS—CONGRESSES

Scientific technological conference of young specialists. G. V. Kukolev, IA. R. Krass. Ogneupory 24 no. 12: 573-574 '59.

Sixth International Ceramic Conference in Wiesbaden (from foreign publications). S. V. Glebov. Ogneupory 24 no. 12:574-575 '59.

REFRACTORY MATERIALS—QUALITY CONTROL

Rapid statistical method of controlling the quality of refractories. Z. I. Veselova, A. P. Khusu. Ogneupory 24 no. 12:566-571 '59.

Service and alteration in the phase constitution of stopper tubes during the continuous pouring of steel. L. A. Kuz'mina, N. V. Pitak, V. M. Strelets. Ogneupory 24 no. 12: 560-566 '59.

REFRACTORY MATERIALS—TESTING

Methods for determining the compressive strength of refractory materials. S. N. Myshkin. Zav. lab. 25 no. 12:1510-1511 '59.

REFREGIER, ANTON, 1905-

Anton Refregier. Moskva 3 no. 8:224-228 '59.

REFRIGERANTS

New method for determining the enthalpy and entropy of refrigerants [with summary in English] I Badyl'kes Khol. tekh 36 no 6 6-12 N-D '59

What concentration of brine is it necessary to maintain in a shell and tube evaporator? Khol tekh 36 no 6 53 N-D '59.

REFRIGERATED MOTORTRUCKS

Chilling and preservation of fish in refrigerated trawlers [with summary in English]. G Kosokotin. Khol tekh 36 no 6:24-26 N-D '59.

REFRIGERATION AND REFRIGERATING MACHINERY
(see also subdivision under Leningrad)

Annotations of the scientific research work performed at the institute in 1957. Trudy LTIKHP 15:213-227 '58

Circuit for the connection of the ZIL cooler into a 220 v electric net. A V Gromov Prom energ 15 no 1 38-39 Ja '60.

Determining the economic efficiency of a piston expander. A. G. Golovintsov. Izv. vys. ucheb. zav., mashinostr no. 4:3-9 '59.

Fitting out new chemical enterprises with modern refrigerating equipment L Ermolin Khol tekh. 36 no 6 57 N-D '59

Increasing the economic effectiveness of commercial refrigeration equipment. I. Govenchik, V Grigor'ev Khol tekh 36 no. 6,36-38 N-D '59

Insulating materials for commercial refrigeration equipment [with summary in English]. I Dushin, N Kudriashov Khol tekh. 36 no. 6:32-36 N-D '59

One hundred and twenty fifth anniversary of the steam refrigerating machine. I Rishes Khol. tekh 36 no 6: 46 N-D '59.

Partially submerged cascade cooling system. S. Chukhin, D. Nikul'shina. Mias. ind. SSSR 30 no. 2:48-50 '59

Problem of uniform refluxing in designing multicell rectification columns. M. G. Grodnik. Izv. vys. ucheb. zav., mashinostr. no. 4:159-165 '59.

Quick freezers with direct ammonia evaporation L. Martynenko. Mias ind SSSR 30 no 6 15-16 '59.

Refrigeration at poultry processing plants. Khol. tekh 36 no 6:68 N-D '59.

Selecting methods for treating additional water in reverse-flow cooling systems operated with sea water. N. A. Maltshevskii. Vod. i san. tekh. no. 1:20-23 Ja '60.

Small Freon machines. Khol. tekh. 36 no. 6:72-74 N-D '59.

Small Freon refrigeration compressors with built-in electric motors. V. B. IAkobson. Standartizatsiia 23 no. 11. 24-26 N '59.

Turboexpanders of air-separation units. R. R. Zaidel'. Kislorod 12 no. 6:29-37 '59.

Using large precast reinforced concrete construction elements in building refrigerating plants. N. N. Efimov, K. D. Grishin. Prom. stroi. 37 no. 12:41-43 D '59.

Using the principle of a direct flow of the working medium in a piston expander. V. B. Gridin. Izv. vys. ucheb. zav.; mashinostr. no. 4,25-27 '59.

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATION AND REFRIGERATING MACHINERY—CONGRESSES

Plenary sessions of the Congress. Khol. tekh. 36 no. 6: 63-65 N-D '59

Soviet reports at the Tenth International Congress on Refrigeration. Khol. tekh. 36 no. 6:58-62 N-D '59.

REFRIGERATION ON SHIPS

Analytical method of determining the best insulation thickness for refrigerator holds. A. T. Mitsevich. Sudostroenie 25 no. 11:18-24 N '59.

"Sevastopol'"-type refrigerator ships for industrial transportations. A. M. Sterkin. Sudostroenie 25 no. 11: 1-6 N '59.

REFRIGERATOR CARS

Improving the transportation of meat. S. O. Gusev, N. P. Chekmareva Zhel. dor. transp 41 no 12:76 D '59

New graduation of engineers specializing in railroad freight and refrigerator car transportation. Khol. tekh. 36 no. 6:67 N-D '59

REFRIGERATORS

Home refrigerators will be more convenient and economical. S Varenko. Sov torg. 33 no. 1,14-19 Ja '60.

REFUGEES—POLITICAL ACTIVITIES

Narodno-trudovoi soiuz. [Program of the People's Labor Union (of Russian Solidarists); draft of a new text approved by the Council of the People's Labor Union, April 23, 1958 for general discussion] Programma Narodno-trudovogo soiuza (rossiiskikh solidaristov), proekt novogo teksta, odobrennyi Sovetom NTS 23.4. 1958 dlia vynesenija na shirokoe obsuzhdenie. [Frankfurt/Main, Komitet za prava i svobodu v Rossii, 1958] 20 p.
(CU)

REFUSE AND REFUSE DISPOSAL

Role of composting of organic wastes in the control of ankylostomiasis and ascariasis [with summary in English] Sh. I Gudzhabidze, S D Liubchenko Med paraz i paraz. bol 28 no 5 576-578 S-O '59.

REGENERATION (BIOLOGY)

Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi biologii. [Reparative processes in vertebrate animals, a collection of works of the Laboratory of Growth and Development and the Laboratory of Histophysiology] Vosstanovitel'nye protsessy u pozvonochnykh zhivotnykh, sbornik rabot Laboratorii rosta i razvitiia i Laboratorii gistofiziologii. Pod nauchn. red. I. N. Maiskogo, L. D. Liozнera i V. N. Dobrokhotova. Moskva, 1959. 281 p.

Effect of galascorbine on the amount of glycogen, adenosinetriphosphoric acid, creatine phosphate, inorganic phosphate, and phosphorylase activity in traumatized muscles [with summary in English]. V O TSiomyk. Ukr biokhim zhur 31 no 5 709-716 '59

Electroretinogram (ERG) and the cornea-inducing ability of the eye. V. V. Popov. Dokl. AN SSSR 131 no. 5:1202-1205 Ap '60

"Elements for establishing control over the regeneration of bone tissue and tissue in general" by I L. Zaichenko Reviewed by D. K. IAzykov. Ortop, travm. i protez. 20 no. 4:60-62 Ap '59.

Experimental studies on regeneration in fresh-water sponges [with summary in English]. G P. Korotkova, G. A Volkova Vest LGU 15 no. 9 125-130 '60

Regeneration of extremities in axolotls following transplantation of crushed axolotl and mammalian tissue. L. V. Polezhaev. Dokl. AN SSSR no. 6 1468-1471 Ap '60.

Studying the regenerative ability of uterine walls in white rats [with summary in English] I. G Mikhailova, L. I. Nenarokova Vest. LGU 15 no 9 122-125 '60

REGENERATION (BOTANY)

Different regenerative capacity in roots of the same tree. P N Vasbkulat Bot zhur 44 no 11 1066-1673 N '59

REGIONAL PLANNING
(see also subdivision under Ukraine)

Effectiveness of regional planning. N. Solofnenko. Ekon. stroi. no. 12:13-20 D '59.

REHABILITATION OF CRIMINALS

Now you see there are good people too. T. Morozova, K. Skliarov. Sov. iust. no. 12:68-69 D '59.

REINDEER—FEEDING AND FEEDS see subdivision under Murmansk Province

REINFORCED CONCRETE
(see also subdivision under Leningrad; Moscow)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Anode-mechanical tools for cutting high strength and hardened reinforcing steel] Anodno-mekhanicheskie pily dlia rezaniia vysokoprochnoi i uprochnennoi armaturnoi stali. Moskva, Gosstroiizdat, 1960. 18 p.

Effect of the heating of reinforcements on the strength of reinforced concrete construction elements. A. IU. Nikol'skii, I. A. Mineeva. Gidr. stroi. 29 no. 2:33-36 F '59.

Selecting cross sections for compressed elastic reinforced concrete elements. F. F. Krasnov. Izv. vys. ucheb. zav., stroi. i arkhit. no. 7:104-108 '59.

Shortened workday at the reinforced concrete plants. A. Ostafinskii. Ekon. stroi. no. 12:43-46 D '59.

We can lower production costs of reinforced concrete products. A. Barskov. Ekon. stroi. no. 12:73-75 D '59.

REINFORCED CONCRETE—CORROSION

Protecting reinforcements in porous concretes from corrosion. V. M. Moskvin, S. N. Alekseev. Trudy NIIZHB no. 8:144-150 '59.

REINFORCED CONCRETE—TESTING

Experimental investigation of the deformability of concrete and rigidity of reinforced concrete bent elements subjected to long-time loads. I. I. Ulitskii, I. A. Rusinov. Nov. v stroi. tekh. no. 13:63-90 '59.

REINFORCED CONCRETE CONSTRUCTION

Coefficient of boldness. L. Arnautov, IA Karpov Moskva 3 no 9:161-167 '59.

Device for erecting long reinforced concrete columns and method for the combined use of two tower cranes. M. I. Shmulevich. Elek. sta. 30 no. 12:72-74 D '59

REINFORCED CONCRETE CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Reinforced concrete construction

REINFORCING BARS

Device for group stressing of high-strength reinforcements. S. D. Daidbekov, V. V. Shcheglov. Biul. tekh. inform po stroi. 5 no. 12:21-21 '59.

RELAPSING FEVER
(see also subdivision under Ukraine)

Priority of E. Dzhynkovskii in designating Spirochaeta persica Dzhynkovskii, 1912 one of the agents of recurring tick fever. M. S. Sofiev, L. V. Shtyreva. Med. paraz. i paraz. bol 26 no. 6:739-740 N-D '57.

RELAYS, ELECTRIC see Electric relays

RELIGION
Concerning proofs of the existence of God. V. N. Lentin. Nauka i zhizn' 26 no. 12:53-58 D '59.

Gnosiological roots of religion. I. Pantin Agitator no 1 28-31 Ja '60

The orgin of religion. A. Lunacharskii. Otv. na vop. trud. no 106:58-64 '59.

Roshchin, L.I. [Publicizing natural science and atheism in the armed forces] Estestvennonauchnaia i ateisticheskaia propaganda v voiskakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 63 p.

[Without the mask; a collection of feuilletons] Bez maski; sbornik fel'etonov. Moskva, Gos. izd-vo polit. lit-ry, 1960. 107 p.

RELIGION—CONTROVERSIAL LITERATURE
Eryshev, A.A. [Religious sectarianism and its nature] Religioznoe sektantstvo i ego sushchnost'. Kiev, Izd-vo Kievskogo univ., 1959. 62 p.

Pavelkin, P.A. [What is religion, scientific popular lectures and talks] Chto takoe religiia; nauchno-populiarnye lektsii i besedy. Izd. 2., dop. Moskva, Gos. izd-vo polit. lit-ry, 1960. 334 p.

Skvortsov-Stepanov, I.I. [Talks about faith] Besedy o vere. Moskva, Gos. izd-vo polit. lit-ry, 1960. 38 p.

[Truth about religion; collected articles] Pravda o religii; sbornik. Abbat Zhan Mel'e. Episkop V. M. Braun. Doktor bogosloviia F. Shakherl'. Doktor teologii A. Tondi. Mitropolit N. F. Platonov. Moskva, Izd-vo polit. lit-ry, 1959. 423 p.

RELIGION, PRIMITIVE
(see also subdivision under Georgia; Kazakhstan)

"Ethnology" and theology, on the "Anthropos" journal and institute. B. Sharevskaia. Sov. etn. no. 6:188-201 N-D '59.

RELIGION AND ART see Art and religion

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND PSYCHIATRY see Psychiatry and religion

RELIGION AND SCIENCE
Interesting atheistic collection ("Science and religion " Reviewed by B Lobovyk). Nauka i zhyttia 8 no 5 59-60 My '58

RELIGION IN LITERATURE
Sumarev, P.I., comp. [Russian authors write about religion] Russkie pisateli o religii. [Moskva] Sovetskaia Rossiia, 1959. 469 p.
(NNC)

RELIGIOUS NEWSPAPERS AND PERIODICALS
"Zhurnal Moskovskoi Patriarkhii," nos. 1-12, 1958 Reviewed by Abbot Georgii Vest. Inst po izuch SSSR no 3 145-154 Jl-S '59.

REMOTE CONTROL
(see also subdivision under Andizhan region, Uzbekistan)

Analysis of a ring circuit in a frequency-phase remote control system L. S Khents Trudy MEI no. 27 154-163 '58

Automatic valve with a ZDU1 (ZDU2) hydraulic remote control system. A. A. Furman. Ugol' 34 no 12:27-28 D '59

BNTU-57 contactless system of remote control for devices of electric power supply on electrified railroads. V. IA. Ovlasiuk, N. D. Sukhoprudskii Trudy TSNII MPS no. 173; 59-82 '59.

Control and operation of a state regional electric power plant consisting of large power units by means of a telemechanics system. L. S Orelovich. Elek sta. 30 no. 12:61-66 D '59.

Every inland navigation worker and seaman will read this brochure with interest ("Remote control of main engines on the diesel-propelled ship "Orel" by B. V. Levitskii, F. V. Filippenko, V. I. Sheleshko. Reviewed by V. A. IAkovlev. Rech. transp. 18 no. 11.55 N '59.

Manovtsev, A.P., and G.L Ravvin. [Fundamentals of remote checking and control; methods of transmitting information, coders and decoders] Osnovy teleupravleniia i telekontrolia; metody peredachi soobshchenii, shifratory i deshifratory priznakov posylok Moskva, Gos. energ. izd-vo, 1959. 751 p.

Matrix distributors for remote control devices. V. IA. Ovlasiuk. Trudy TSNII MPS no. 173:99-111 '59.

New machines for over-all mechanization and automation of building and assembling operations. A. I. Shchepet'ev. Mekh. stroi. 16 no. 12:3-10 D '59.

Remote control of the electric power supply of a railroad center by series connection of phases. V E. Dotsenko. Trudy MIIT 114:142-144 '59.

Remote control system in rural electrical networks of medium voltage. M. E Plekhanov Dokl Akad sel'khoz 24 no 12 37-43 '59

RENDERING APPARATUS
(see also subdivision under Leningrad)

Shortcomings of a book. K. Zemliannikov. Mias. ind. SSSR 30 no. 2:54-55 '59

RENDERING WORKS see subdivision under Columbus, Ohio

RENT (ECONOMIC THEORY)
(see also subdivision under China)

Differential rent under socialist conditions. A. Bolgov. Vop. ekon. no. 5:93-106 My '60.

The nature of differential rent on collective farms V Zadneprianets Komm Ukr 35 no 11 63-74 N '59

RENTING OF EQUIPMENT, ETC.
(see also subdivision under Tambov Province)

Gay renting. IA. Miletskii. Ogonek 38 no. 1:18-19 Ja '60.

Retail trade on the installment plan and the rental of goods. IU. L'vovich. Sov. iust. no. 12:20-25 D '59.

REPAIR AND SUPPLY STATIONS
(see also subdivision under Balanda, Borispol' District)

Rational organization of the repair-shop system. P. Klemyshev. Ekon. sel'khoz. 30 no. 8,56-59 D '59.

REPAIR AND SUPPLY STATIONS—FIRES AND FIRE PREVENTION
This can also happen this way... V. Pakhomov. Pozh. delo. 5 no. 12:15 D '59.

REPATRIATION see subdivision under Vietnam, North

REPIN, IL'IA EFIMOVICH, 1844-1930
Chukovskii, K.I. [Repin; recollections] Repin; iz vospominanii. Moskva, Gos. izd-vo detskoi lit-ry, 1959. 119 p.
(NIC)

I. E. Repin's painting "Zaporogians" N. Zograf Iskusstvo 22 no. 11,56-66 '59.

REPRODUCTION (PSYCHOLOGY)
Inhibition of similar stimuli [with summary in English]. B. S. Aliakrinskii. Vop psikhol. 5 no. 6,119-130 N-D '59.

RESEARCH
(see also subdivision under Rumania; Tajikistan)

Research or copying clichés. M. Rudenko. Izobr. i rats. no. 1,25-26 Ja '60.

We live in a wonderful time A. Blinov NTO no 11 24-26 N '59

RESEARCH, INDUSTRIAL
(see also subdivision under Ukraine; Zaporozh'ye Province)

Complete a job once begun NTO no 11:12 N '59

Develop and improve the forms and methods of work NTO no 11 11 N '59

Evaluation of the precision of investigations and production processes by means of the family of ꝡ(ɑ) curved functions. IU. V. Mikhailovskii Standartizatsiia 23 no. 12:28-32 D '59

Improve the guidance from top to bottom. NTO no 11 12-13 N '59

Let us have many active primary organizations NTO no 11 12 N '59

Pay more attention to the scientific technological activity of societies NTO no 11 8-10 N '59.

Specific assistance to primary organizations A Kudriashov NTO no 11 45-46 N '59

Strengthen the connection between science and industrial production NTO no. 11 10 N '59.

RESEARCH, INDUSTRIAL—CONGRESSES
Promote technological development more actively NTO no 11:5-8 N '59.

RESERPINE
Quantitative determination of reserpine. S. M. Bolotnikov, M. S. Shraiber, V V. Belikov. Med. prom. 13 no 12:41-43 D '59.

RESERVOIRS
Calculation of long-term regulation of stream flow considering the correlation of the flow of consecutive years. S. N. Kritskii, M. F. Menkel'. Probl. reg. rech. stoka no 8:5-36 '59.

Concerning P. Moran's article "A probability theory of dams and storage systems." S. N Kritskii, M. F. Menkel'. Probl. reg. rech. stoka no. 8:266-271 '59.

Concerning the calculation of long-term regulation of steam flow considering the correlation of the flow of consecutive years. I. V. Gugli. Probl. reg. rech. stoka no. 8:37-54 '59.

Empiric formulae for predicting shoreline erosion of reservoirs during the first years of their operation (under conditions similar to those at Kakhovka Reservoir). R. O. Smyrnov. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 145-147 '59.

Forecasting erosion of shores of water reservoirs. E Vasil'eva. Gidr. stroi. 28 no. 4:28-31 Ap '59.

"Seas created by man" by B. A. Makovskii. Reviewed by L. Zakulenkov. Geog. v shkole 22 no. 6:92 N-D '

Studying the reformation of reservoir shores. F. K. Grechishchev. Trudy Vost.-Sib. fil. AN SSSR no 230-243 '59.

A survey of French periodical literature on the calc tion of hydroelectric power station reservoirs S. N Kritskii, M F Menkel' Probl reg. rech. stoka no 257-265 '59

Utilization of reservoirs for commercial fishing in ia. V. M. Naumov. Ryb. khoz. 35 no. 10:80-82 O '

RESERVOIRS—HYGIENIC ASPECTS
Construction of reservoirs as related to problems in the eradication of malaria and other parasitic diseases L. V. Timofeeva. Med. paraz i paraz. bol 26 no. 6:[illegible] 673 N-D '57.

RESHETNIKOV, FEDOR PAVLOVICH, 1906-
Fedor Reshetnikov. A. Deineka. Iskusstvo 22 no. 1 30-33 '59.

RESHETOV, ALEKSANDR EFIMOVICH, 1909-
The poetry of Aleksandr Reshetov. N. Gubko. Neva no 10:203-207 '59.

RESINS see Gums and resins

RESINS, SYNTHETIC
Arkhipov, V.N. [Resin from petroleum and chlorine, polyvinyl chloride resin] Smola iz nefti i khlora, polivinilkhloridnaia smola. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 34 p. (Khimiia v narodnom khoziaistve)

Epoxide resins used for insulation of the traction mo windings Elek i tepl tiaga 4 no 1 45 Ja '60

Investigating the heat-insulation properties of the PKV foam product in frozen meat storage A. Lepilkin, S Nozdrin. Mias ind SSSR 30 no. 6 47-49 '59

Phosphorus-containing polyesters and polyamide res K A Petrov, V. A. Parshina. Khim nauka i prom 4 no. 5:686-687 '59

Phosphorous-containing polyester and polyamide res K. A. Petrov, V. A. Parshina. Zhur. ob. khim. 30 no 1342-1346 Ap '60.

RESONATORS, ELECTRIC see Electric resonators

RESORCINOL
Chemistry of dihydroresorcinol. Report No. 3: Synthesis and anthelminthic effect of dihydroresorcinol derivatives having branched aliphatic chains. V. N. Gunar, S. I. Zavialov, A. I. Krotov. Izv. AN SSSR Otd. khim. nauk. no 1 535-537 '60.

RESPIRATION
Causes of disturbances of respiration and gas metabolism in inhalation anesthesia A M. Serednitskii. Nov khir zhur. no. 6:79-83 N-D '59.

Changes in the gas metabolism and thyroid gland of rats in poisoning with manganese oxides E N Levina. Gig truda i prof zab 3 no. 6 48-49 N-D '59

Electric activity of skeletal muscles in man and the act of respiration. IU. S. IUsevich. Fiziol. zhur. 45 no. 12 1477-1483 D '59.

RESPIRATORS
New apparatus for artificial respiration. R. L. Kotras Med. prom. 13 no. 12:49-51 D '59.

RESPIRATORY ORGANS—FOREIGN BODIES
Extraction of foreign bodies from the esophagus and respiratory tracts in children. E A. Tartakovskii. Nov khir. zhur. no. 6:92-93 N-D '59.

Rare case of aspiration of large stones in drowning A. Lukash. Sud.-med ekspert. 2 no 1 51 Ja-Mr '59

RESPIROMETER
Apparatus for determining human respiration through different segments of the skin. M. M. Petrun'. Fiziol zhur. [Ukr.] 5 no. 6:837-840 N-D '59.

RESTAURANT MANAGEMENT
(see also subdivision under Zhitomir)

Facts are convincing: lower food prices are made possible by careful management. R. Dubrovina. Obshchestv. pit. no. 10:4-6 O '59.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Alma-Ata; Andizhan; Ivanovo; Kaluga; Kharkov; Makhachkala; Moscow, Mtsensk; Nizhniy Tagil; Peiping; Sverdlovsk Province)

How should the laboratory of a restaurant's trust be organized? K. Gavrilova, IA. Vainshtein. Obshchestv. pit. no. 12:26 D '59.

Organizational factors in public food service. M. Markovich. Sots. trud no. 12,82-86 D '58

Prices of semiprocessed food products. A. Dolbyshev. Obshchestv. pit. no. 12:39-42 D '59.

Railroad personnel should get first class service! G. Bedanov and others. Obshchestv. pit. no. 12:35-38 D '59

Support the public inspectors. D. Kolodkin. Mast ugl. 8 no. 12:20 D '59.

RESTAURANTS, LUNCHROOMS, ETC —ACCOUNTING
(see also subdivision under Moscow)

Calculations and accounting should be simplified. Obshchestv. pit. no 10:9-12 O '59.

RESTAURANTS, LUNCHROOMS, ETC.—BIBLIOGRAPHY
see Bibliography—Restaurants, Lunchrooms, etc.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

Preparare for the change-over to a shortened workday. N. Vasenin. Obshchestv. pit. no 12 1-2 D '59.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Bookshelf ("Assembly, operation, and current maintenance of equipment in public eating establishments" by L. Litvina Reviewed by P. G. azkov). Obshchestv. pit. no. 12. 49 D '59.

Electric cookers. I. Raiskii. Obshchestv. pit. no. 12:46-47 D '59

Enterprises to get modern equipment. Obshchestv. pit. no. 10:1-2 O '59.

Equipment news. I. El'kin. Obshchestv. pit. no. 10:26-30 O '59.

Quality of porcelain tableware should be improved. L. Shcheglov, N. Alekseev Obshchestv. pit. no. 12:48-19 D '59.

Saving of 30,000 rubles. A. Kulishev. Obshchestv. pit. no. 12.42 D '59.

Semiautomatic dough pouring apparatus. A. Vishelesskii. Obshchestv. pit. no. 10·40-41 O '59.

RETAIL TRADE
(see also subdivision under Kishinev; Klin District; Kuybyshev Province; Latvia; Mozhga District; Nizhniy Lomov District)

Wholesale center and retail trade N Klepikov. Sov. torg 33 no 1 33-35 Ja '60

RETINA

Modification of the interstitial substance of the retina under the effect of radiation energy [with summary in English]. I. Yu-chin. Vest. oft. 72 no. 4 5-12 Jl-Ag '59.

RETINA—BLOOD SUPPLY

Case of complete cure of thrombosis of the central retinal vein. S M. Vasil'ev. Oft. zhur 14 no. 6:371-372 '59.

RETTING

A new pectin fermenter [with summary in English]. D. B. Gurfel'. Mikrobiologiia 28 no. 6:824-829 N-D '59.

REVENUE

Sviderskii, IA. M. [Collection of problems for the course on "Government revenue"] Sbornik zadach po kursu "Gosudarstvennye dokhody." Izd. 2., perer. Moskva, Gosfinizdat, 1959. 126 p.

VOLUTIONS see subdivision 'Revolution, 1917-1921' under Abkhazia; Armenia; Fergana Valley; Kiev; Kirghizistan; Moscow; Omsk, Ossetia; Russia; Samarkand; Siberia, Eastern; Temir District; Turkestan; Ukraine; Uzbekistan, subdivision 'Revolution of 1905' under Russia; Turkmenistan; subdivision 'Revolution, 1917-1921—Aerial Operations' under Russia; subdivision 'Revolution, 1917-1921—Campaigns' under Russia; subdivision 'Revolution, 1917-1921—Food Question' under Russia; Ukraine; subdivision 'Revolution, 1917-1921—Naval Operations' under Russia; subdivision 'Revolution, 1917-1921—Personal Narratives' under Kuban; Russia

REWARDS (PRIZES, ETC.)

Rewards for economizing on working expenses. V. I. Medvedko, H. A. Fedchenko. Kolh. Ukr. 6 no. 12:5-6 D '59.

REYNOLDS, SIR JOSHUA, 1723-1792

rol', A. E. [Joshua Reynolds' "The infant Hercules strangling the serpent sent by Hera] Dzhoshua Reinol'ds. Mladenets Gerakl, udushaiushchii zmei, podoslannykh Geroi. Leningrad, Izd-vo Gos. Ermitazha, 1959. 14 p.

RH FACTOR

Complications in the transfusion of Rh-incompatible blood. I. R Zak. Probl. gemat. i. perel krovi 4 no. 12:50-52 D '59

Rh incompatibility. S. M. Bekker. Zdorov'e 6 no. 1:28 Ja '60.

RHABDOPISSITE

Fusibility of rhabdopissite. P. D. TSiskarishvili, T. M. Ambokadze. Trudy Inst. khim. AN Gruz. SSR 14:193-202 '58.

RHENIUM—ANALYSIS

Analytical used of 8-mercaptoquinoline (thiooxine) and its derivatives. Report No. 8: New photometric method of determining rhenium in the presence of molybdenum, tungsten, and other elements. IU. A. Bankovskii, A F. Ievins, E. A. Luksa. Zhur. anal. khim. 14 no. 6:714-720 N-D '59.

Polarographic determination of microgram quantities of rhenium. K. S. Pakhomova, L. P Volkova. Zav. lab. no. 11:1291-1292 '59.

Potentiometric determination of rhenium in the presence of molybdenum [with summary in English]. D. I. Riabchikov, V. A. Zarinskii, I I. Nazarenko. Zhur. anal. khim. 14 no. 6.737-738 N-D '59.

RHENIUM-BERYLLIUM ALLOYS

Some results of studying the rhenium - beryllium system. V. N. Bulanov, I. N. Frantsevich. Vop. por. met. i prochn. mat. no 6 32-35 '58.

RHEOLOGY

Data on the rheological properties of ointments [with summary in English]. G. P. Griadunova. Apt. delo 8 no. 6:18-24 N-D '59.

RHEUMATIC FEVER
(see also subdivision under Ukraine)

Changes in the protein fractions and in some immunological and biochemical indexes in rheumatic fever, rheumatoid polyarthritis, and protracted septic endocarditis N. A. Makarova, E. P. Agababova, A A. Zlatorunskaia Vrach delo no 11:1211-1213 N '59.

Data of electrophoresis on blood proteins in rheumatic fever and infectious polyarthritis. P. N. Savina. Lab. delo 6 no. 1:21-23 Ja-Fe '60.

Immediate results of bicillin prevention of rheumatic fever exacerbations A. IU. Bolotina, O. P. Galach'iants, N. A. Borodiiuk. Sov. med. 23 no. 12:94-99 D '59.

Over-all treatment of various forms of rheumatic fever in children. S. IA Ostrovskaia. Vop. okh. mat. i det. 4 no. 6·88 N-D '59.

RHEUMATIC HEART DISEASE

Blood coagulation and resistance to anticoagulants in patients with rheumatic heart defects [with summary in English]. F D. Shmidt-Rozhdestvenskaia Terap. arkh 31 no 12 76-80 D '59

RHIZOSPHERE MICROBIOLOGY

Paper chromatographic study of the formation of volatile acids by micro-organisms of the genera Achromobacter, Pseudomonas, and Chromobacterium [with summary in English]. IU. A. Gorbenko, V. I. Romanenko. Mikrobiologiia 28 no. 6:870-873 N-D '59.

Some characteristics of bacterial interrelationships in the corn rhizosphere. IA. F. Nizametdinova. Uzb. biol. zhur. no. 5:31-40 '59.

RHODIUM-GOLD ALLOYS see Gold-Rhodium alloys

RHYTHM

Some peculiarities of the perception of rhythm [in Ukrainian with summary in Russian]. D. H. Elkin. Nauk. zap. Nauk.-dosl. inst. psykhol. 9·94-122 '58.

RICARDO, DAVID, 1772-1823

Zibor, N. I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 1. [David Ricardo and Karl Marx in their social-economic analysis, articles] David Rikardo i Karl Marks v ikh obshchestvenno-ekonomicheskikh issledovaniiakh; stat'i. 1959. 721 p.

RICE

Automatic distribution of water in rice irrigation systems. V. B. Zaitsev. Gidr. i mel. 11 no. 12 10-17 D '59.

Importance of hydrobiological factors in rice cultivation and of carp culture in increasing the rice yield. A. M. Mukhamediev. Izv. Otd. est. nauk AN Tadzh. SSR no. 2: 25-40 '59.

RICE—FERTILIZERS AND MANURES see subdivision under Kzyl-Orda Province

RICE—WATER REQUIREMENTS

Water regimen of a rice field during the period of seed germination [with summary in English]. E. P. Aleshin. Fiziol. rast. 6 no 6:737-740 N-D '59.

RICINOLEIC ACID

Some reactions of ricinoleic acid and its derivatives. N. B. Galstukhova. Zhur. ob. khim. 30 no. 4:1387-1389 Ap '60.

RICKETS

Treatment and prophylaxis of rickets in children by massive doses of vitamin D at a district medical center. V. P. Bisiarina and others. Vop. okh. mat. i det. 4 no. 6:64-67 N-D '59.

RIFLE PRACTICE
(see also subdivision under Bryansk; Bulgaria; Odessa; Varna)

Rifle section in the local organization of the All-Union Volunteer Society for Assistance to the Army, Navy, and Air Force S Riazanov. Voen. znan 36 no. 5. 31-32 My '60

Training sharpshooters for the second category. V. Eremeev. Voen. znan. 36 no. 4:31-32 Ap '60.

RIFLES

Small bore rifles are not for hunting. Okh. i okh. khoz. 5 no. 11:30-31 N '59.

RIGA—EFFICIENCY, INDUSTRIAL

His first achievement. A. Kuz'min. Agitator no. 24:31-32 D '59.

RIGA—MEAT INDUSTRY

Rodent control L. Krapivner Mias ind. SSSR 30 no 6 43-44 '59

RIGA—ORTHODOX EASTERN CHURCH—CLERGY

In memory of Father Iakov Mikhailov. Zhur. Mosk. Patr. no. 3 13 Mr '60.

RIGA—PROOFREADING

Proofreading Poligr proizv no 12·6 D '59

RIGA—RODENT CONTROL

Rodent control L. Krapivner Mias ind. SSSR 30 no. 6 43-44 '59.

RIGA—SHIPYARDS—EQUIPMENT AND SUPPLIES

Fastening wooden sheathing planks to welded rag pins; Riga Ship Repair Yard. N Svetlichnyi Inform. sbor TSNIIMF no 26:82-83 '58

RIGA—TECHNICAL EDUCATION

In technical schools of Riga Sred spets obr. 6 no 12 54-55 D '59

RIHANI, AMEEN FARES, 1876-1940—BIBLIOGRAPHY
see Bibliography—Rihani, Ameen Fares, 1876-1940

RIMSKII-KORSAKOV, NIKOLAI ANDREEVICH, 1844-1908

IAstrebtsev, V. V. [My memories of Nikolai Andreevich Rimskii-Korsakov; vospominaniia. Pod red. A. V. Ossovskogo. Leningrad, Gos. muzykal'noe izd-vo.
Vol. 1. (1886-1897). 1959. 525 p.

RING FORMATION see Cyclization

RINGS

An ancient Turkic runic inscription on a bronze seal ring from Fergana. S. G. Kliashtornyi. Trudy AN Tadzh. SSR 103:167-168 '59.

RINGS (MATHEMATICS)

Semigroups and rings of the endomorphisms of linear spaces. L. M. Gluskin. Izv. AN SSSR. Ser. mat. 23 no. 6·841-870 N-D '59.

RIO DE JANEIRO—CARNIVAL

Seven days of hope. V Rossi. Smena 37 no 1·22-23 Ja '60

RIONI VALLEY—LANDSLIDES

Results of studying landslides by methods used in electric prospecting D. A. TSitsishvili. Trudy Inst. geofiz. AN Gruz. SSR 17 357-370 '59

RISKIN, VASILII IAKOVLEVICH, 1899-

Vasilii IAkovlevich Riskin; on the 60th anniversary of his birth Zav. lab. no. 11·1410 '59.

RIVANOL

Rivanol. I. IU. IUdin. Zdorov'e 6 no. 1 30 Ja '60.

RIVERS
(see also subdivision under Baikal region; Carpathian Mountains; Caucasus; China; Crimea; Dzungaria; Pamirs; Tajikistan; Transcarpathia)

Determining rated hydrological parameters of rivers which have not been studied. A. V. Rogachev. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6:135-139 '59.

Muraveiskii, S. D. [Rivers and lakes; hydrobiology and runoff] Reki i ozera; gidrobiologiia stok. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 384 p.

Panov, B. P. [Winter regime of rivers in the U. S. S. R.] Zimnii rezhim rek SSSR. [Leningrad] Izd-vo Leningr. univ., 1960. 238 p.

"Seas created by man" by B. A. Makovskii. Reviewed by L. Zakulenkov. Geog. v shkole 22 no. 6:92 N-D '59.

Struggle for the catchment area and the transformation of the hydrographic network. A. I. Lavrent'ev. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2: 205-216 '59.

RIVERS—REGULATION

Regulation of water flow under small bridges. P I. Minin. Put' i put khoz. no 12·9 D '59.

ROACH (FISH)

Seasonal variation of blood properties in the roach and perch. I. R. Veldre. Vop. ikht. no. 12:138-140 '59.

ROAD CONSTRUCTION
(see also subdivision under Georgia; Sverdlovsk; Ukraine)

Calculating settlement of fill for the construction of highways on swamps. A. A. Tkachenko Izv vys ucheb zav., les. zhur. 2 no. 6:64-78 '59.

Designing and constructing multilayer surfaces. A. K. Biruila. Avt. dor. 22 no. 12:23-25 D '59.

ROAD CONSTRUCTION (Continued)

Golovanenko, S. L. [Stabilized soil roads] Dorozhnye pokrytiia iz obrabotannykh gruntov. Pod red. A. K Birulia. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 126 p (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

Highway construction should be unremittingly controlled by party organizations. F. V. Gusev. Avt. dor 22 no. 12,2-4 D '59.

"Method of limited use ("Nomograms for computing quantities of earthwork in constructing highways" by N. N. Kondakov. Reviewed by P Vekhov) Avt dor. 22 no 12 29 D '59.

Pevzner, S Z. [Frunze - Osh highway] Avtomagistral' Frunze - Osh. Frunze, Kirgizskoe gos. izd-vo, 1959. 32 p

"Tables for laying out circular curves" by V. N. Gan'shin, L. S. Khrenov. Reviewed by B. Shunakov. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2,226 '59.

Time of transportation is the criterion of highway construction I. A. Romanenko Izv. vys. ucheb zav ; stroi. i arkhit no. 7.33-39 '59.

ROAD CONSTRUCTION—STUDY AND TEACHING

Useful form of exchange of experience. A V. Stankevich. Avt. dor. 22 no. 12;30 D '59.

ROAD MACHINERY

Complete over-all mechanization of operations in highway construction S. V. Evstafeev Mekh. stroi. 17 no. 1:9-15 Ja '60

New motor graders K. S. Miloserdov. Mekh. stroi. 17 no. 1 23-24 Ja '60.

Steel road builders. M. Estrin, R. Mishkevich. Znan. sila 34 no. 11:8-9 N '59.

ROADS—DESIGN

Panoramic perspectives in designing roads. P. V. Panov. Avt. dor 22 no. 12;21-23 D '59.

Plotting perspective projections on cylindrical and conical pictures using the method of coordinates. E. S Tomarevskaia. Izv. vys ucheb. zav , stroi i arkhit no 7;73-78 '59.

Taking into account heterogeneous properties of highway soil foundations. V M Sidenko. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6;112-116 '59.

Technical specifications for planning locally important roads G. V. Robitashvili. Avt. dor. 22 no. 12;20-21 D '59

ROADSIDE IMPROVEMENT see subdivision under *Zaporozh'ye Province*

ROCHELLE SALT

Studying the piezoelectric polarization of Rochelle salt crystals on the basic of their domain structure. I. S. Zheludev, N A. Romaniuk Kristallografiia 4 no. 5: 710-717 S-O '59

ROCK DRILLS

Effect of the speed of rotation of the drill bit and of the axial force of feed on the rapidity of air hammer drilling V. D Legeza Izv vys ucheb. zav , gor. zhur. no 6. 34-37 '59.

ROCK PRESSURE

Davidiants, V. T., and G. L. Kozelev. [Investigating manifestations of rock pressure in stopes with new types of support] Issledovaniia proiavleniia gornogo davleniia v ochistnykh zaboiakh *pri novykh vidakh* krepei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 203 p.

ROCKEFELLER, NELSON ALDRICH, 1908-

Guardian of "useless assets." IA. Viktorov. Mezhdunar. zhizn' 7 no. 5:131-133 My '60.

On the relations between East and West. Nelson Rockefeller. Mezhdunar. zhizn' 7 no. 5;128-130 My '60.

ROCKET RESEARCH see subdivision under United States

ROCKETS—MODELS see subdivision under Ivanovo

ROCKETS (AERONAUTICS)

(see also subdivision under Great Britain)

Brilliant victory of Soviet science and technology in mastering the cosmos. Geog. v shkole 22 no. 6;1-2 N-D '59.

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Voprosy raketnoi tekhniki, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury 10 no. 4 '60. 103 p.

Storming space. V. Komarov. *Sov. potreb. koop.* 4 *no.* 1: 5-7 '60.

ROCKETS (ORDNANCE)

(see also subdivision under United States)

Bazooka. V. Nadin. Voen. znan. 36 no. 4:28-29 Ap '60

ROCKS

(see also subdivision under Kazakhstan)

Determining the elastic constants of rocks using seismographic geophysical methods. V. N. Nikitin. Gidr. stroi. 28 no. 4 36-40 Ap '59.

Development of the theory of rock cutting M. M. Protod'iakonov. *Izv vys ucheb. zav , gor zhur* no 3:3-11 '59

Device for determining the coefficient of rocks under pressure A. A. Tyshev. Izv. Sib. otd. AN SSSR no. 11: 91-93 '59

Engineer V. M. Fedorov's theory on rock crumbling. S. S. Muzgin. Izv. AN Kazakh. SSR. Ser. gor. dela no. 2:78-83 '59.

Methods of studying fractures in hard and semihard rocks in engineering geological investigations for the construction of hydroelectric power centers in folded regions V S Fedorenko Vest. Mosk un. Ser biol., pochv., geol , geog. 14 no. 2;159-165 '59.

ROCKS—DENSITY see subdivision under Caucasus

ROCKS—ELECTRIC PROPERTIES

(see also subdivision under Caucasus)

Use of electric prospecting in studying the elastic properties of igneous rocks. Z. G. IAshchenko, I. S. Esakov. Razved. i prom. geofiz. no. 33;23-29 '59.

ROCKS—MAGNETIC PROPERTIES

Method of determining magnetic properties of rocks. *G. M. Avchian, M. L. Ozerskaia. Razved. i prom. geofiz* no. 31;74-87 '59.

ROCKS—PERMEABILITY see subdivision under Ozek-Suat region

ROCKS—SPECTRA

Increasing the sensitivity of the spectrum analysis of rocks by the chemical and thermal concentration of the elements. E. A. Sergeev and others. Zav. lab. 25 no 12;1455-1457 '59.

ROCKS—TESTING

Method of studying the erodibility of cohesive rocks in a launder. A. S. Devdariani, L. P. Bogdanova, S. D. Voronkevich. Vest. Mosk. un. Ser. biol., pochv., geol., *geog. 14 no 2;165-170 '59*

ROCKS—THERMAL PROPERTIES

Investigating wells with a gradient thermometer. I. Z. Pozin. Razved. i prom. geofiz. no. 32;42-52 '59.

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Ubort' Valley

ROCKS, IGNEOUS see subdivision under Azov region; Bakhta Valley, Deccan Plateau; Kazakhstan; Kola Peninsula; Pamirs; Porga region, Volhynia; Petropavlovka region, Crimea; Ural Mountains; Vilyuy Range; Yagnob Valley

ROCKS, SEDIMENTARY

(see also subdivision under Buzachi Peninsula)

Obtaining radiometric data on sedimentary rocks for paleogeographical studies. M. I. Tolstoi. Razved. i okh nedr 25 no 10,13-17 O '59.

Some problems in the geochemistry of catagenesis in sedimentary deposits of the "cuprous sandstone" type. A. I. Perel'man. Trudy IGEM no. 28,5-21 '59.

RODENT CONTROL see subdivision under Riga

RODENTIA—PARASITES see Parasites—Rodentia

RODENTICIDES

Kozakevich, V. P., I. V. Domaradskii, and E. E. Bakhrakh. [Poisons used to control hosts and carriers of highly dangerous infections] IAdy, primeniaemye dlia bor'by s khraniteliami i perenoschikami *osobo opasnykh* infektsii. Pod red. B. N. Pastukhova. Moskva, Gos. izd-vo med. lit-ry, 1958. 155 p.

Principal poisons for the extermination of murine rodents and prophylactic measures and first aid in cases of poisoning. A. L. Efimov. Fel'd. i akush. 25 no. 1;25-30 Ja '60.

RODNIKI—LIBRARIES

In Rodniki. A. Artamonov. Bibliotekar' no. 5;17-20 *My* '60.

ROE DEER see subdivision under Brovary District

ROEGNERIA

Biology of Roegneria. N. A. Cheremisinov. Trudy Bot. inst. Ser. 6 no. 7;236-237 '59.

Extending the cultivation of Roegneria fibrosa (Schrenk) Nevski in regions of the European part of *the U.S.S.R.* S. S. Shain Trudy Bot. inst. Ser. 6 no. 7:233-235 '59.

ROERICH, NIKOLAI KONSTANTINOVICH, 1874-1947

Letter from N. K. Roerich. L. Farber. Iskusstvo 22 no. 9:75 '59.

Meeting with Roerich. Sov. Soiuz. no. 1.34-35 '60.

ROLLAND, ROMAIN, 1866-1944

In memory of Romain Rolland. Vest. AN SSSR 30 no. 4: 147 Ap '60.

ROLLAND, ROMAIN, 1866-1944—BIBLIOGRAPHY see Bibliography—Rolland, Roman, 1866-1944

ROLLING (METALWORK)

(see also subdivision under Odessa)

Deformations and forces in closed piercing. I. IA. T[illegible] skii, O A. Ganago, R A Vaisburd. Izv. vys [illegible] chern met no 1:99-106 '60

Developing efficient conditions of ingot rolling [illegible] mills. M. I. Kapustina and others. Izv. vys. [illegible] chern. met. 2 no. 9:95-100 S '59.

Efficiency of the cold rolling of pipes. V. A. [illegible] TSvet. met. 32 no. 12:67-68 D '59.

Follow-up on our interventions. Prom. koop. 13 [illegible] 35 D '59.

Grooving of equilateral corner steel with [illegible] D. I. Starchenko. Izv. vys. ucheb. zav., [illegible] no. 9:83-94 S '59.

Hardening curve in the hot rolling of steel. M. A. Za[illegible] IA. V. Shnmets, V. N. Peretiat'ko. Izv. vys. [illegible] chern. met. 2 no. 9:73-82 S '59.

Investigating the coefficient of friction in rolling. V. F. Severdenko, E. S. Voitchek. Izv. vys. ucheb. zav. [illegible] met. no. 1:109-112 '60

Leading in longitudinal periodic rolling. I. IA. Tar[illegible], V. K Smirnov. Izv. vys uchev zav ; chern met [illegible] 51-68 '60.

Metal pressure on the rolls and thermal conditions [illegible] pack rolling of laminated steel tombac. I. IA. [illegible] TSvet. met. 32 no. 12:55-60 D '59

[Metallurgists are fighting for technical progress] Metallurgi v bor'be za tekhnicheskii progress. [illegible] Izd-vo VTsSPS Profizdat, 1960. 52 p.

New foreign works on the rolling of uranium. V. [illegible] Atom. energ. 8 no. 5 474-475 My '60

Relation of magnetic properties of electrical steel to temperature at the end of the rolling process. D. F. Trakhtenberg. Izv. vys uchev zav., chern. met. [illegible] 37-43 '60.

Rolling precision and the rigidity of rolling mill [illegible] A. P Chekmarev, G G Pobegailo. Izv. vys. ucheb. zav. chern. met 2 no. 8:60-74 Ag '59.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ferrous metal types and standards, rolled shapes and gaged steel] Sortament chernykh metallov, prokat i kalibrovannaia stal. Izd. ofitsial'noe. Moskva, 1959. 402 p.

[MICROFILM]

Strain and metal flow in certain problems of [illegible] reduction and shape rolling. K. N. Shevchenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2 61-71 Mr-Ap '60.

Studying the characteristics of metal flow during [illegible] N. M San'ko. Izv. vys. ucheb. zav., chern. met. [illegible] 113-120 '60.

Temperature range and temperature variations of [illegible] strip during hot rolling. B. S. Tikhonov. [illegible] no 12,61-67 D '59.

ROLLING MILLS

Best system for controlling the main drive of a [illegible] rolling-mill stand. L. P. Smol'nikov. Izv. vys. [illegible] zav., chern. met. 2 no. 9:171-177 S '59.

Complex installation utilizing the secondary [illegible] sources of heating furnaces of rolling mills. M. A. IUr'ev, B. V Eliseev. Prom energ. 15 no. 1 [illegible] Ja '60

Digital servosystem used in programmed control of the depressing mechanism of a reversible rolling [illegible] summary in English]. V. M. Ozerov, [illegible] Avtom. i telem. 20 no. 11:1520-1530 N '59.

Efficient layout of a blooming mill. I. V. Anis[illegible]. Metallurg 4 no. 12:24-28 D '59.

Investigating the 740 cold rolling mill for thin sheets. I. L. Baklushin and others. Izv vys. ucheb zav , chern. met 2 no. 8:143-148 Ag '59.

ROLLING MILLS—ELECTRIC DRIVING

Control system for the electric drive of a continuous high-speed cold rolling mill. B. N. Diatlov. [illegible] stvo, no. 12:35-39 D '59.

Reservation of electric feeding sources of rolling mill motors. N. D Zhokhovanov and others. Prom energ. 14 no. 12:32 D '59.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

(see also subdivision under Czechoslovakia)

Devices for binding rolled metal with wire A. I. Ner[illegible]kov. Izv. vys. ucheb. zav.; mashinostr. no 5 [illegible] '59.

Guides to a brushing and scrubbing machine. V. P. Emel'ianov. Metallurg 4 no. 12,32-33 D '59.

Investigating the operating conditions of 1100 blooming shears. L. D. Sokolov, N. A. Chelyshev Izv vys. ucheb. zav , chern. met. no. 4,173-180 '60.

Investigation of rotary flying shears. S. N. Kozhevnikov, V. D. Kiriliuk, A. N. Silich. Izv. vys ucheb zav ; chern. met. 2 no. 8:149-155 Ag '59

Investigation of straightening machines. V. M. Greben[illegible]. Izv. vys. ucheb. zav.; chern. met. 2 no. [illegible] S '59

ROLLING MILLS—PRODUCTION STANDARDS

Technical standardization and public control G S[illegible]skii, I. Zhdanov Sots. trud 4 no 11.127-130 N '59

ROLLS (IRON MILLS)

Efficient heat treatment process for hot rolling mill rolls M P. Braun and others Izv vys ucheb zav , chern. met 2 no 8:105-112 Ag '59.

Hard facing of shaped grooves on iron mill rolls with help of a master form V K Kobyzev Avtom svar. 12 no 12:58-64 D '59.

ROMADIN, NIKOLAI MIKHAILOVICH, 1903-

Master of poetical landscapes IU. Osmolovskii. Iskusstvo 22 no. 10:31-38 '59

ROOFING, CONCRETE

Flat roofs of apartment houses and public buildings E. I Krichevskaia Opyt stroi. 22 99-132 '59

More on standard equipments concerning combined roofs. M. Tupolev and others Arkhit. i stroi. Mosk. 8 no. 12:32 D '59.

ROOFING, IRON AND STEEL

Changing conditions for the annealing of cast iron roofing materials V I Aldonina, V. N Maistrenko, M. I. Markovnenkova. Prom energ. 14 no. 12,33 D '59.

ROOFS

Protecting roofs of industrial buildings against snow in areas with strong winds. V S. Bessonov. Izv. vys. ucheb. zav., stroi. i arkhit. no. 7 135-145 '59

ROOFS, CONCRETE see subdivision under Dnieper Valley

ROOFS, SHELL

Roof of the waiting room at the Finland Railroad Station V N. Belolikov, G I, Matveev Biul. tekh inform. po stroi. 5 no. 12:11-12 '59.

ROOT CROPS

Shebalina, M. A. [How to get high yields of root crops] Kak poluchit' vysokii urozhai kormovykh korneplodov. Leningrad, 1955. 50 p.
(DA)

ROOTS (BOTANY)

Apple trees for seed and the effect of various pollinizers and varieties used for grafting on the root system of stock A. P. Gorbacheva Dokl. Akad. sel'khoz 24 no. 12:13-17 '59

Different regenerative capacity in roots of the same tree. P. N. Vashkulat Bot zhur 44 no 11:1666-1673 N '59

Effect of growing conditions on the root system of cabbage transplants A. G Vinnik Sad i og 97 no 12 16-18 D '59

Effect of the developmental stage on the dynamics of starch accumulation in roots of perennial legumes. M. IA. Tregubenko. Agrobiologiia no. 6:931-935 N-D '59.

Metabolism of pumpkin roots in dry soil [with summary in English] V N. Zholkevich, T. F Koretskaia. Fiziol. rast 6 no. 6:686-698 N-D '59.

Regeneration of tree and shrub roots following transplanting. D. V Nikolaev. Les. khoz. 12 no. 12:42-44 D '59.

Role of separate parts of the root system in plant nutrition I N. Rakhteenko Dokl AN BSSR 3 no 11 468-471 N '59

Soil auger for investigating root systems of woody plants. N. A Zudin. Izv vys. ucheb. zav , les. zhur 2 no. 6 154-155 '59.

Studying the root systems of woody plants along drainage channels in the Bakhsh Valley. M. A. Bogatiuk. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:101-114 '59.

ROSES see subdivision under Ossetia

ROSS' VALLEY—POTTERY

Materials found in burial mounds of the middle part of the Ross' Valley. M IU Braichevskii Sov arkheol no. 4 230-235 '59.

ROSSOSH' DISTRICT—COMMUNIST YOUTH LEAGUE

Sashko is preparing a written report. A. Shtan'ko. Mol. komm. no. 12:71-73 D '59

ROSTOV—ARCHITECTURE—CONSERVATION AND RESTORATION

"Materials on the study and restoration of architectural monuments in Yaroslavl Province." Vol. 1. Ancient Rostov Reviewed by M. A Il'in Sov arkheol. no 4 280-281 '59.

ROSTOV—SEWING INDUSTRY

Searching for additional potentialities. Prom. koop 13 no. 12:3 D '59

ROSTOV—TEXTILE FIBERS, SYNTHETIC

Kamensk Combine of Artificial Fibers prepares for work in the new way S. Bobkov. Sots. trud no. 12:123-125 D '58.

ROSTOV-ON-DON—BUILDING

We are using new methods of building IA. Rebain. Zhil stroi. no 11:14-16 '59

ROSTOV-ON-DON—DEAF—EMPLOYMENT

Brigade leader. V. IAkovlev. Zhizn' glukh. 12 no. 11: 5 N '59.

ROSTOV-ON-DON—MEAT INDUSTRY—FINANCE

With the loans of the State Bank. N. Chupakhin. Mias. ind. SSSR 30 no 2:43 '59

ROSTOV-ON-DON—MUNICIPAL SERVICES

Active participation of the population in the improvement of public areas and services of the city. M. Fedin. Zhil.-kom. khoz. 9 no. 12:13-14 '59.

ROSTOV-ON-DON—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Results obtained from the adoption of the De-Smet extraction unit M I Potapov, A V Postnov. Masl.-zhir prom 25 no 12 26-28 '59

ROSTOV-ON-DON—PHYSICALLY HANDICAPPED REHABILITATION

What was disclosed by a check on the employment of physically handicapped in Rostov-on-Don. A. Velikii and others. Sots. obsep. 20 no. 12:28-30 D '59.

ROSTOV-ON-DON—PRINTING PRESS

Suggestions for improving the equipment of the printing house of the "Molot" newspaper E Rakhlin, I Pashina. Poligr. proizv no. 12 13 D '59

ROSTOV PROVINCE—COLLECTIVE FARMS

Disappearance of the subsidiary private economy of collective farmers. L. Budagova Nauch. dokl. vys. shkoly; ekon. nauki no. 4:77-81 '59.

ROSTOV PROVINCE—FIRES AND FIRE PREVENTION—LAWS AND REGULATIONS

Merits and shortcomings. A Mikhailov. Pozh. delo 5 no. 11 4 N '59

ROSTOV PROVINCE—FRUIT CULTURE

Development of fruit culture and viticulture in Rostov Province. V. D. Motsyk. Sad i og 97 no. 11 28-31 N '59.

ROSTOV PROVINCE—HUMUS

Characteristics of the organic matter of main Rostov Province soils [with summary in English]. K. V. Rudenskaia. Pochvovedenie no. 11:92-95 N '59.

ROSTOV PROVINCE—LITERATURE—STUDY AND TEACHING

New and old in schools. E. V. Kviatkovskii. Lit. v shkole 20 no. 6:50-55 N-D '59.

ROSTOV PROVINCE—MOTION PICTURES IN PROPAGANDA

Motion-picture theaters and the propaganda of the seven-year plans. E. Kotovich. Kinomekhanik no. 12:12-13 D '59.

ROSTOV PROVINCE—SOILS

Evaluation of Rostov Province soils [with summary in English]. F. IA. Gavriliuk. Pochvovedenie no. 11:1-7 N '59.

ROSTOV PROVINCE—TECHNICAL EDUCATION

Rostov on the Don. Gosudarstvennaia nauchnaia biblioteka imeni K. Marksa. [Technical education in the schools of Rostov Province] O politekhnicheskom obuchenii v shkolakh Rostovskoi oblasti, kratkii ukazatel' literatury. Rostov-na-Donu, 1957. 81 p.
[MICROFILM]

ROSTOV PROVINCE—VITICULTURE

How we are fulfilling resolutions of the 21st Congress of the CPSU. I. Skliarov, IU. Agarkov. Sad i og. 97 no. 11:61-62 N '59.

ROTARY KILNS see Kilns, Rotary

ROTARY PUMPS

The VAN-4 pumps. D. A. Raikhman. Vod. i san. tekh. no. 1:37-38 Ja '60.

ROTATION OF CROPS

(see also subdivision under Semipalatinsk Province; Uzbekistan)

Economic evaluation of crop rotations V. N. Suvorov. Len i konop 4 no. 11 30-32 N '59

Phosphate concentration in grassland rotation fields. P. V. Nosov. Nauch. dokl. vys. shkoly, biol. nauki no. 2: 203-206 '60.

Soil water balance under different crops of field crop rotation [with summary in English]. F. K. Rodinovskii. Pochvovedenie no. 12:90-98 D '59.

ROTORS

Rotor for drilling RG-1 bore pits. V. G. Bakulin Neftianik 4 no. 9 22-23 S '59

ROTORS—COOLING

Changes in the nonstationary temperature field of a disk rotor during cooling; some recommendations for cooling conditions [with summary in English]. N. A. Miniailenko. Inzh.-fiz. zhur. no. 12:38-43 D '59.

ROVNO PROVINCE—DAIRY WORKERS

Both sisters work as milkmaids. Ukraina no. 23:28 D '59.

ROVNO PROVINCE—FLAX

Let's give our country more high-quality products! A N Shitov Len i konop 4 no 11 5-10 N '59.

ROVNO PROVINCE—PASTURES AND MEADOWS

Dry valley and lowland meadows of the Styr Basin [with summary in English]. I. M. Hryhora. Ukr. bot. zhur. 16 no 5:87-96 '59.

ROWAN

Some rowan species T Trofimov Sad i og 97 no 12 40-49 D '59

ROYAL JELLY

Effect of royal jelly on the growth and productivity of the silkworm. I. B. Volians'ka. Pratsi Od. un. Zbir. stud. rob. no. 5:(vol. 149) 148-149 '59.

ROZDOL REGION—SULFUR MINES AND MINING

Role of the biological factor in the oxidation of sulfur compounds of the Rozdol bed [with summary in English]. G. I. Karavaiko. Mikrobiologiia 28 no. 6:846-850 N-D '59.

RUBBER

Destruction of rubber by micro-organisms [with summary in English]. I. T. Nette, N. V. Pomortseva, E. I. Kozlova Mikrobiologiia 28 no. 6:881-886 N-D '59.

Kinetics of the consumption of the inhibitor in the oxidation of rubber by oxygen. T. S. Kazak, M F. IArmolenko. Vestsi AN BSSR. Ser fiz.-tekh. nav. no. 4:42-46 '59.

Kinetics of the oxidation of natural rubber in the presence of the inhibitor oxinone. N. F. Ermolenko, T. S. Kazak. Dokl. AN BSSR 3 no. 11 442-444 N '59.

Methods of separating emulsion rubbers. F. Strnad, E. Dvorak Kauch. i rez. 18 no. 12,8-9 D '59.

Nature of the bonds in the system rubber - carbon black [with summary in English]. V. G. Epshtein, Z. V. Chernykh. Koll. zhur. 21 no. 6:754-761 N-D '59.

Photocolorimetric determination of cobalt in rubbers by the use of nitroso R-salt. L. L Bogina, I. P. Martiukhina. Kauch. i rez. 18 no. 11:58-59 N '59

RUBBER—ELECTRIC PROPERTIES

Constant polarization of ebonite. F. I. Polovikov. Fiz. tver tela 1 no 11 1720-1726 N '59.

RUBBER—SPECTRA

Changes in the infrared absorption spectra during the vulcanization of ebonites. A. S. Kuz'minskii. Zhur. prikl. khim. 31 no. 4:648-652 Ap '58.

RUBBER—TESTING

Determining some mechanical characteristics of rubber mixtures with the aid of the rotating elasto-viscometer M. D. Nasinov, A. A. Pozin, G I. GaPchenko Kauch. i rez. 18 no. 11:35-39 N '59.

Electrostatic potentials developed during the friction and abrasive wear of rubbers. G. I. Brodskii, M. M. Reznikovskii. Kauch. i rez. 18 no. 12:18-22 D '59.

Method for measuring the contact pressure in the compression of rubber test pieces over a wide range of temperatures. B M Gorelik, M. F. Bukhina, A. F. Sazhenov. Zav. lab. no. 11:1373-1375 '59.

Testing rubber for abrasive wear using a metal mesh. S. B. Ratner, G S Klitenik Zav. lab no 11:1375-1377 '59.

RUBBER, RECLAIMED

New reclaiming process for rubbers (from "Rev. Gen. du Caoutchouc," 36, no. 5, 1959). Kauch. i rez. 18 no. 12: 58 D '59.

RUBBER, SYNTHETIC

Comparison of the properties of highly elastic synthetic rubbers with those of butadiene - styrene rubbers. F I IAshunskaia, G. A. Markovich. Kauch. i rez. 18 no. 11: 1-7 N '59.

Effect of oxidation - reduction systems on the thermooxidizing plasticization of butadiene - nitrile rubbers. P. IA. Devirts, A. S. Novikov. Kauch. i rez. 18 no. 11:17-20 N '59.

Effect of the vulcanization temperature on the structure and properties of vulcanizates from butadiene - styrene and isoprene rubbers. Z. N. Tarasova, T. V Fedorova, B. A. Dogadkin. Kauch. i rez. 18 no. 11:7-14 N '59

Investigating the properties of reinforced nitrile rubbers. Report No. 1: Properties of silicate-reinforced nitrile rubbers. V. A. Shvetsov, A. P. Pisarenko, A. S. Novikov. Kauch. i rez. 18 no. 12:4-8 D '59.

Litvin, O. B. [Present-day production of synthetic rubbers abroad] Sovremennoe proizvodstvo sinteticheskikh kauchukov za rubezhom. Moskva, 1958. 85 p. (Khimicheskaia promyshlennost')

Main factors determining the type of butadiene-styrene latex for tire cord impregnation. A. B. Peizner and others. Kauch. i rez. 18 no. 12:10-14 D '59.

News of science and equipment abroad. Kauch. i rez. 18 no. 11:63-64 N '59.

Nonsulfur vulcanization of synthetic rubbers. Report No. 2: Vulcanization of butadiene-nitrile rubbers in the presence of some metal chlorides. N. D. Zakharov, G. V. Poroshin. Kauch. i rez. 18 no. 12:14-18 D '59.

Study of the vulcanization of synthetic isoprene rubbers at high temperatures. A. G. Shvarts, G. N. Buiko. Kauch. i rez. 18 no. 12:1-4 D '59.

RUBBER, SYNTHETIC (Continued)
Using alkali sulfate lignin as an active filler for synthetic rubber. B. D. Bogomolov and others. Izv. vys. ucheb. zav., les zhur. 2 no 5:150-155 '59.

RUBBER BOOTS AND SHOES see Boots and shoes, Rubber

RUBBER GOODS
Letter to the editor. Kauch. i rez. 18 no.11:60 N '59.

RUBBER GOODS—TESTING
Method of determining the pore-forming tendency of rubber mixtures during vulcanization. E. D. Mikhlin and others. Kauch. i rez. 18 no. 12:23-26 D '59.

RUBBER INDUSTRY see subdivision under Moscow

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES
Certain technical factors determining the quality of calendering. B. M Gorelik, V. V. Chelyshev, V. I Kapshtyk. Kauch. i rez. 18 no.11:40-51 N '59.

RUBBER INDUSTRY—HYGIENIC ASPECTS
Vitamin C in the organism and its relation to air pollution by wastes from synthetic chloroprene rubber plants. M. K. Khachatrian. Gig. i san. 24 no.12:3-8 D '59.

RUBBER MACHINERY
Preparation of rubber blends in rubber mixers at an increased horsepower input. K. D. Beberis and others. Kauch. i rez. 18 no 11:27-34 N '59

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS
Increasing the life of rubberized belts. A. S. Vasiuk. Ogneupory 24 no.12:571-572 '59.

RUBEZHNOYE—CHEMICAL INDUSTRIES
Pollution of the Northern Donets by the Rubezhnoye Combine and the need for an investigation of intermediate products of biochemical decomposition of derivatives of the aromatic series. N. G. Pelenko. Gig i san 24 no 12:68-69 D '59

RUBIDIUM DICHROMATE
Synthesis of rubidium and cesium dichromates. I. V Shakhno, V. E Pliushchev. Khim. nauka i prom. 4 no. 5:685-686 '59.

RUBTSOVSK—WATER-SUPPLY ENGINEERING
Installing reinforced concrete water conduits in quicksand under conditions of lowered ground water level. A. I. Obolenin. Vod. i san. tekh. no.1:36-37 Ja '60.

RUCH'EV, BORIS ALEKSANDROVICH, 1913-
Verse by Boris Ruch'ev. A. Pavlovskii. Neva no.11: 180-184 '59.

RUDAKI, 10th cent.
The fate of a poet and a screenplay. I. Levshina. Isk. kino no.12 96-99 D '59

RUDINSKII, MIKHAIL IAKOVLEVICH, 1887-1959
M IA. Rudinskii, obituary V. N. Danilenko Sov arkheol no 4 328 '59.

RUG AND CARPET INDUSTRY
(see also subdivision under Kazakhstan)
We have great potentialities. V. Bespalo. Prom. koop. 13 no.12:13 D '59.

RUGS, AZERBAIJANI
On the study of the art of Azerbaijani rugs [in Azerbaijani with summary in Russian]. Latif Kerimov. Isk. Azerb. no. 6:5-77 '59.

RUGS, KURDISH
Designs in the ornamentation of Kurdish rugs. T. F. Aristova. Krat. soob. Inst. etn. no. 32:52-55 '59.

RUKHVADZE, EGOR MIKHAILOVICH, 1914-1959
E. M. Rukhvadze. Mekh. i elek. sots. sel'khoz. 17 no. 6: 59 '59.

RUMANIA—AGRICULTURE
Agricultural achievements of the Rumanian People's Republic in 15 years. Marin Stancu. Zemledelie 8 no 1: 93-96 Ja '60.

RUMANIA—BORINGS—EQUIPMENT AND SUPPLIES
Core lifter used in the Rumanian People's Republic for sampling cohesionless sands below ground water level. E. Botia, A. Silivan. Osn., fund. i mekh. grun. no. 6: 26-28 '59.

RUMANIA—CHEMICAL INDUSTRIES
Chemical industries in Rumania in 1959. L. A. Kosonogov. Biul. tekh.-ekon. inform. no. 12:66-70 '59.

RUMANIA—COMMUNISM
Triumph of Leninist ideas in Rumania. K. I. Gulian, M. Cornea. Vop. filos. 14 no. 4:106-118 '60.

RUMANIA—CUCUMBERS—VARIETIES
Tomato and cucumber varieties developed in Soviet Russia grown in the Rumanian People's Republic. N. Savinova and others. Sad i og. 07 no.11:67-60 N '60.

RUMANIA—DESCRIPTION AND TRAVEL
Visiting our Rumanian friends. B. V. [illegible] Sov. etn. [illegible] no.2:121-127 Ap-Je '60.

RUMANIA—ECONOMIC CONDITIONS
"The Rumanian people in the struggle for socialism" by S M Parkhomchuk. Reviewed by M N Kravets'kyi. Ukr ist zhur 3 no 6:152-153 N-D '59

RUMANIA—ETHNOLOGICAL MUSEUMS AND COLLECTIONS
Visiting our Rumanian friends. B. V. [illegible] Sov. etn. [illegible] no.2:121-127 Ap-Je '60.

RUMANIA—FOREST NURSERIES
Studies on the management of forest nurseries in the Rumanian People's Republic. K. Bindiu. [illegible] no. 12:78-80 D '59

RUMANIA—GEOLOGY, STRATIGRAPHIC—MAPS
Map of Quaternary sediments in the Rumanian People's Republic outside the Carpathian Mountains. Paul [illegible] Biul. Kom. chetv. per. no. [illegible] '59

RUMANIA—HISTORY
"The Rumanian people in the struggle for socialism" by S. M. Parkhomchuk. Reviewed by M N Kravets'kyi. Ukr. ist. zhur. 3 no 6:152-153 N-D '59

RUMANIA—MOTION PICTURE INDUSTRY
Rumanian film studios of today. P. Kornea. Isk. kino no. 11:143-144 N '60

RUMANIA—PETROLEUM ENGINEERING—STUDY AND TEACHING
Petroleum and gas institute in Rumania. Neftianik 5 no. 8:34-35 Ag '60.

RUMANIA—RESEARCH
Recent developments in science [illegible] no. 12:[illegible] D '59.

RUMANIA—SHEEP
Sheep farming in the Rumanian People's Republic. I Fodor. Ovtsevodstvo 5 no 12:34-36 D '59

RUMANIA—SHOW WINDOWS
Rumanian show windows. Sov torg 33 no 1:40-41 Ja '60

RUMANIA—TOMATOES—VARIETIES
Tomato and cucumber varieties developed in Soviet Russia grown in the Rumanian People's Rep. [illegible] N. Savinova and others. Sad i og. [illegible] N '60

RUMANIA—TROUT
Three caverns and a million trout. Ivan [illegible] Vokrug sveta no. 1:39-40 Ja '60

RUMEN
Resorption and secretion of the [illegible] in cattle. [illegible] Doklady [illegible] no. 6:[illegible] '59

RUNIC INSCRIPTIONS see also subdivision 'Inscriptions, Runic' under Fergana

RUNNING
Moscow. TSentral'nyi nauchno-issledovatel'skii institut fizicheskoi kul'tury. Sektor zarubezhnogo sporta. [Intermediate and long distance running; according to the English and Hungarian sources] Beg na srednie i dlinnye distantsii; po materialam angliiskikh i vengerskikh avtorov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 133 p.

RUNOFF
(see also subdivision under Golodnaya Valley, Kazakhstan, Tajikistan)
Current status of the problem of [illegible] runoff. L. K. Popenko. Izv. [illegible] '59.
Cyclic fluctuations of annual runoff and their calculation in hydrological computations. V. G. Andreianov. Trudy GGI no. 68:3-49 '59.
Formation of rain-water runoff in minor basins and possible methods for its calculation. [illegible] Trudy Ukr NIGMI no 18 68-84 '59

RURAL ELECTRIFICATION
(see also subdivision under Europe, Eastern)
Assure collective farms of continuous electric supply. I. A. Bulanov. Mekh. i elek. sots. sel'khoz. 17 no. 6:[illegible] '59.
Changing over to two-stage voltage system in farm electrification. N. A. Sazonov, V. K. [illegible] Mekh. i elek. sots. sel'khoz. 17 no. 6:11-16 '59.
Improve the reliability of power supply service to rural consumers. [illegible] Tekh. v sel'khoz. 20 no. 1:43-44 Ja '60
Lower the cost of rural electrification. D. I. [illegible] Mekh. sil'. hosp. 11 no. 1:9-10 Ja '60.
Over-all mechanization in constructing rural electric transmission lines. I. [illegible] Sel'. stroi. 14 no. 12:8-9 D '59.

[illegible]

RUSSIA—ARMY—EDUCATION, NONMILITARY

In the Lenin Room S Aleksandrov. Voen. znan. 36 no 4:11-12 Ap '60

Politics and education in the Red Army, 1918-1920 A F, Gorlenko, S M Khatskin. Ist arkh no 6:19-24 N-D '59

Roshchin, I. L. [Publicizing natural science and atheism in the armed forces] Estestvennonauchnaia i ateisticheskaia propaganda v voiskakh. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 63 p.

Russia (1923- U. S. S. R.) Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota. Upravlenie propagandy i agitatsii. [Universities of culture for Soviet troops; methodological and bibliographical materials] Universitety kul'tury dlia sovetskikh voinov, metodicheskie i bibliograficheskie materialy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 94 p.

RUSSIA—ARMY—OFFICERS

Institut po issledovaniiu problem voiny i mira imeni gen. N.N.Golovina. IUzhno-amerikanskii otdel, Buenos Aires. [Russian Officers] Rossiiskie ofitsery. Buenos Aires. 1959. 47 p.
(Cst-H)

RUSSIA—ARMY—SONGS AND MUSIC

[Soldiers' dances] Soldatskie pliaski. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 194 p.

RUSSIA—CENSUS

The all-Union census. P. Pod"iachikh. no 12:24-35 D '58.

Results of the 1959 census IU P. Mironenko. Vest. Inst po izuch SSSR no. 3 44-59 Jl-S '59.

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [General census of the population in 1959] Vseobshchaia perepis' naseleniia 1959 goda. Moskva, Gos. izd-vo polit. -lit-ry, 1958. 19 p.
(NNC)

RUSSIA—CHURCH HISTORY

Kartashev, A. V. [Outline history of the Russian Church] Ocherki po istorii Russkoi TSerkvi. Parizh, YMCA-Press.
Vol. 1. [1959] 685 p.
Vol 2 [1959] 569 p.
MH

RUSSIA—CLIMATE

Borisov, A. A. [Climates of the U.S.S.R.; teacher's manual] Klimaty SSSR, posobie dlia uchitelei. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 274 p., maps.
[MICROFILM]

RUSSIA—COMMERCE

Commerce in 1960 Sov. torg. 33 no 1:5-10 Ja '60.

[Industrial hygiene and safety measures in the organizations and enterprises of commerce and public food service] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh torgovli i obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1959. 247 p.

Zolcev, V. T. [Operational accounting in the foreign trade of the U. S. S. R.] Operativnyi uchet vneshnei torgovli SSSR. Moskva, Vneshtorgizdat, 1959. 171 p.

RUSSIA—COMMERCE—FINLAND

Combined annual and electoral meeting of members of the Finnish-Soviet Chamber of Commerce. Finsk. torg. zhur. no. 36:8-9, 33 D '59.

The new five-year trade agreement and its meaning. Ahti Karjalainen. Finsk. torg. zhur. no. 36:5-6 D '59.

RUSSIA—COMMERCE—UNITED STATES

Patolichev, N.S. [Contributions toward the development of trade relations between the U.S.S.R. and the U.S.A.; a talk by the Minister of Foreign Commerce of the U.S.S.R., N.S. Patolichev, with a reporter for "Pravda"] K razvitiiu torgovykh otnoshenii mezhdu SSSR i SShA; beseda M-ra vneshnei torgovli SSSR N. A. Patolicheva s korrespondentom gazety "Pravda." [Moskva, Vneshtorgizdat] 1959. 7 p.
(CLU)

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Dates, events, and people. Komm. Bel. 33 no. 12:75-77 D '59.

Karpinskii, V. A. [Constitution of the U.S.S.R.] Konstitutsiia SSSR. Moskva, Uchebno-pedagog. izd-vo, 1949. 33 p. (Programmy srednei shkoly)
(MdBJ)

Russia (1923- U.S.S.R.) Constitution. [The Constitution (fundamental law) of the U.S.S.R.; the constitutions (fundamental laws) of the Union and Autonomous Soviet Socialist Republics] Konstitutsiia (osnovnoi zakon) SSSR; Konstitutsii (osnovnye zakony) soiuznykh i avtonomnykh sovetskikh sotsialisticheskikh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 939 p.

RUSSIA—CULTURE

[Culture in everyday life] Za kul'turu byta. [Moskva] Izd-vo "Sovetskaia Rossiia," 1960. 87 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 2)

Popov, I. P. [Problems of culture in lessons on the history of the U. S. S. R in grades 8 to 10] Voprosy kul'tury na urokakh istorii SSSR v VIII - X klassakh, iz opyta raboty Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 197 p., illus.

Sidorenko, S. A. [Origin of the Russian people and the growth of its culture] Obrazovanie velikorusskoi narodnosti i razvitie ee kul'tury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1958. 32 p.

RUSSIA—DESCRIPTION AND TRAVEL

"Russia that I used to know and the U S S. R " [in French] by Zinaida Schamovskoy Reviewed by Aleksandr Plake Vest Inst po izuch. SSSR no. 3.125-129 Jl-S '59

RUSSIA—ECONOMIC CONDITIONS

A book about the material and technical foundation of communism ("The material and technical foundation of communism in the U. S. S. R." by A. A Zvorykin. Reviewed by A. Ostrometskii [in English] Vest. ist. mir. kul't. no. 6:137-143 N-D '59.

Books on the Union Republics and large regions of the country. K. F. Stroev. Geog. v shkole 22 no. 6,88-90 N-D '59.

The chief aim V. Zagladin Nov vrem 18 no 20 3-5 My '60

Dudel', S. P. [Dialectical transition from socialism to communism] Dialektika pererastaniia sotsializma v kommunizm. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2., Filosofiia, no. 9)

The establishment and activities of the All-Union Association of Scientific and Technical workers for Aiding Socialist Construction L. M. Zak. Ist. SSSR 3 no. 6: 94-107 N-D '59

First stage of the large-scale building of communist society in the U S S. R The 21st Congress of the Communist Party. Komm Mold 1 no 11 42-67 N '59

Forty-second October. Vrach delo no. 11 1121-1124 N '59

A glorious page of history. Agitator no. 24:7-13 D '59.

Great advantages of the socialist economic system ("National economy of the U. S. S. R. in 1958", statistical yearbook. Reviewed by D. IAkushkin). Ekon sel'khoz. 30 no. 6:109-112 D '59.

The Great October has cleared the way to liberty and socialism for all peoples S V Chervonenko Druzhba no 49.5-7 D '59.

Heading toward prosperity. I. Kornilov. IUn. tekh. 4 no. 11:1-6 N '59.

How to study at seminars and in study groups on the history of the CPSU the theme "Postwar struggle of the party for the restoration and development of the socialist national economy, 1945-1953." A. Smirnov. V pom polit. samoobr. 3 no 12 80-90 D '59.

How to study the theme; Postwar struggle of the Communist Party for restoration and development of the socialist national economy, 1945-1953. A. Kalkhanidi. Komm. Bel. 33 no. 12:64-69 D '59.

How to study the theme "Postwar struggle of the Communist Party for the restoration and development of the socialist national economy, 1945-1953." Mosk. prop. 16 no. 12:42-46 D '59.

In the Soviet Union. Geog. v shkole 22 no. 6:83-84 N-D '59.

The light of the October Revolution will always shine on us Druzhba no 49 2-4 D '59

On the eve of the sixties. V. Solodovnikov. Ogonek 38 no. 1:4-5 Ja '60.

On the threshold of the second year of the seven-year plan. Prof.-tekh. obr. 16 no. 12:1-2 D '59.

Pavlov, A. P. [Struggle of the Communist Party for the socialist industrialization of the country and its preparations for the over-all collectivization of agriculture, 1926-1929] Bor'ba Kommunisticheskoi partii za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gg.; tema XI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 134 p.

The plans of peace and progress. Sov. shkola no. 6:3 N-D '59.

Socialism, peace, and prosperity. Kommunist 37 no. 8: 3-12 My '60.

Study of the postwar history of the Communist Party of the Soviet Union, 1945-1959 L. Slepov. V pom. polit. samoobr. 3 no. 12:21-33 D '59.

A time of great accomplishments. Fel'd. i akush. 25 no. 1:3-4 Ja '60.

To the next stage! S. Shurtakov. Smena 37 no. 1:1 Ja '60.

[V.I. Lenin as the leader of our great construction program; collected reminiscences about V.I. Lenin's work in the field of the national economy] V.I. Lenin vo glave velikogo stroitel'stva, sbornik vospominanii o deiatel'nosti V.I. Lenina na khoziaistvennom fronte. Moskva, Gos. izd-vo polit. lit-ry, 1960. 324 p.

Vikent'ev, A.I. [Study of the development of the national economy of the U.S.S.R. during the period from 1951 to 1958] Ocherk razvitiia narodnogo khoziaistva SSSR, 1951-1958 gg. Moskva, Gos. izd-vo polit. lit-ry, 1959. 242 p.

Volodarskii, L. M. [First year of the seven-year plan] Pervyi god semiletki. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 12)

With firm steps towards communism! Sots trud 4 no 11 3-11 N '59

RUSSIA—ECONOMIC POLICY

Andreev, V. A. [Figures relate] TSifry rasskazyvaiut. Moskva, Izd-vo VTsSPS, Profizdat, 1959. 125 p. (Massovaia biblioteka rabochego)

Basic features of the period of large-scale buildings of a communist society M Efremkin. Part. zhizn' Kazakh 28 no 7:37-42 Jl '59.

Belik, IU. A. [State plan and balance sheet of the national economy of the U. S. S. R.] Gosudarstvennyi plan i balans narodnogo khoziaistva SSSR. Moskva, Gosplanizdat, 1960. 88 p. (V pomoshch' ekonomistu i planoviku)

Belousov, R. A. [Decisive stage] Reshaiushchii etap. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 55 p.
(MH)

Berkhin, I. B. [Lenin's program for the building of socialism] Leninskii plan postroeniia sotsializma. Moskva, Izd-vo Akad. nauk SSSR, 1960. 126 p. (Nauchno-populiarnaia seriia)

Chuvikov, P. A. [In peaceful competition] V mirnom sorevnovanii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 46 p.

Furaev, V. K. [International significance of the seven-year plan] Mezhdunarodnoe znachenie semiletnego plana. [Leningrad] Lenizdat, 1959. 45 p.

In the name of man. Iskusstvo 22 no. 9:2-3 '59.

Kommunisticheskaia partiia Ukrainy. 20. s"ezd, Kiev, 1959. [Abstracts from Comrade N.S. Khrushchev's report at the 21st Congress of the CPSU "Target figures for the development of the national economy of the U.S.S.R. from 1959 to 1965", and the tasks of the Communist Party of the Ukraine. Resolution of the 20th Congress of the Communist Party of the Ukraine on N.V. Podgornii's report, adopted January 17, 1959. Report of N.V. Podgornii at the 20th Congress of the Communist Party of the Ukraine, January 16, 1959] Tezisy doklada tovarishcha N.S. Khrushcheva na XXI s"ezda KPSS 'Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody" i zadachi Kommunisticheskoi partii Ukrainy. Rezoliutsiia XX s"ezda Kommunisticheskoi partii Ukrainy po dokladu N. V. Podgornogo, priniataia 17 ianvaria 1959 goda. Doklad N. V. Podgornogo na XX s"ezd Kommunisticheskoi partii Ukrainy 16 ianvaria 1959 goda. Kiev, Gos. izd-vo polit. lit-ry USSR, 1959. 76 p.

Khrushchev, N.S. [Speeches in Tula and Stalinogorsk, February 16-18, 1959] Rechi v Tule i Stalinogorske, 16-18 fevr. 1959 g. [Tula] Tul'skoe knizhnoe izd-vo 1959. 45 p.
(MH)

Majestic program for communist construction. Gidr. strol. 28 no. 2:1-3 F '59.

[Modern equipment should serve the seven-year plan] Peredovuiu tekhniku-na sluzhbu semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1959. 1 v. (Nagliadnye posobiia dlia agitatorov)

New grandiose tasks. Sots. trud no. 12:3-10 D '59.

Nikolaev, B. S. [Time and pace] Vremia i tempy. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 44 p.

Objectives in the development of the national economy of the U.S.S.R., set up by the 21st Congress of the CPSU, are being reached Bet. i zhel.-bet. no. 12:529-530 D '59.

Principles of political science Chto chitat' 2 no 12 6 D '59.

Put all productive forces of our country in the service of the seven-year plan (Conference in the Institute of Economics of the Academy of Sciences of the U.S.S.R.). V. Zhdanovich. Ekon. stroi. no. 12:67 D '59.

Role of the law of increasing production of the means of production in the current seven-year plan. F. P. Koshelev. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:3-21 '59.

Semenov, V. I. [Our homeland in 1965] Nasha rodina v 1965 godu. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 115 p. (Massovaia biblioteka rabochego)

Suponitskii, S. A., A. G. Aganbegian, and A. P. Kozlov. [The seven-year plan as a decisive stage in the contest between the two systems] Semiletnii plan-reshaiushchii etap sorevnovaniia dvukh sistem. [Moskva] Izd-vo Mosk. univ., 1959. 113 p.

Ugriumov, A. L. [Communist Party in the struggle to restore and develop the national economy in the postwar period, 1945-1953] Kommunisticheskaia partiia v bor'be za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennyi period, 1945-1953 gody. Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 11)

We will erect a majestic edifice of communism by heroic labor! Appeal of a plenum of the Central Committee of the CPSU to laborers, collective farmers, the Soviet intelligentsia, and to all workers of the Soviet Union. Moskva 3 no. 8:3-9 '59.

Welcome, new year of the seven-year plan! Vokrug sveta no. 1:1-3 Ja '60.

RUSSIA—ECONOMIC POLICY—AUDIO-VISUAL AIDS

[The party leads us to communism] Partiia nas k kommunizmu vedet. [Moskva] Gospolitizdat, 1959. 34 l. (in portfolio)

RUSSIA—FOREIGN ECONOMIC RELATIONS

Soviet economic assistance to underdeveloped countries. I. Kulakov. Mol. prop. 18 no.12:30-36 D '59.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFRICA

Lenin's principles of Soviet economic policy in relation to the independent countries of the East [with summary in English]. L. V. Stepanov. Probl. vostokoved. no.2: 40-50 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—ASIA

Lenin's principles of Soviet economic policy in relation to the independent countries of the East [with summary in English]. L. V. Stepanov. Probl. vostokoved. no.2: 40-50 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

Sladkovskii, M.I. [The seven-year plan and economic cooperation of socialist countries] Semiletka i ekonomicheskoe sotrudnichestvo stran sotsialisticheskogo lageria. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 31 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS—POLAND

Some aspects of the expansion of the Polish sugar industry. A. N. Dobrovol'skii. Sakh. prom. 33 no.12: [illegible] D '59.

RUSSIA—FOREIGN RELATIONS

Division of the world into two different social systems and possibility for their peaceful coexistence. N. I. [illegible]. Trudy Inst. filos. AN SSSR no.1:164-17? '58.

Forty-two triumphal years. Zhizn' glukh. 1? no.11:1 N '59.

Furaev, V. K. [International significance of the seven year plan] Mezhdunarodnoe znachenie semiletnego plana. [Leningrad] Lenizdat, 1959. 45 p.

In the words of Premier Khrushchev are embodied our dreams. Kwon Yeun. Sov. Vost. no.4:50-51 Ap '60.

The just cause. Sovremennik. Nov. vrem. 18 no.19: 1-4 My '60.

Khrushchev, N. S. [A world without arms is a world without war] Mir bez oruzhiia - mir bez voin. Moskva, Gos. izd-vo polit. lit-ry.

Vol. 1. [January-July 1959] IAnvar' - iiul' 1959 goda. 1960. 511 p.

Vol. 2. [August-December 1959] Avgust - dekabr' 1959 goda. 1960. 430 p.

Leninist principles of socialist foreign policy. I?. Ar[illegible], L. Zo[illegible]. Mir. ekon. i mezhdunar. otn. no.4:3-16 Ap '60.

Lunacharskii, A. V. [Articles and addresses on problems of international politics] Stat'i i rechi po voprosam mezhdunarodnoi politiki. Moskva, Sotsekgiz, 1959. 4?0 p. (Biblioteka po voprosam politiki)

(MIRA)

Peaceful coexistence is an unavoidable law of history. N. Smozhkova. Komm. Bel. 3? no.12:3-10 N '59.

The Soviet Union is the mainstay of all hopes of peace loving people. Kommunist 37 no.8:3-21 My '60.

Welcome, the year 1960. Zhizn' glukh. 1? no.12:1 D '59.

A world without weapons, a world without war. Nov. vrem. 18 no.19:? My '60.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

The Afghanistan Mission in Kazakhstan in 1929. [illegible] Vostochnyi[illegible], V. S. Pozdnskii. Izv. AN Kazakh. SSR. Ser. ist., arkheol., etn. no.3(11):87 '59.

RUSSIA—FOREIGN RELATIONS—ASIA

The triumph of Lenin's policy of peaceful coexistence among nations. Sov. Vost. no.4:10-11 Ap '60.

Triumph of the Leninist policy of friendship between the Soviet people and the peoples of the East. Probl. vostokoved. no.2:1-10 '60.

RUSSIA—FOREIGN RELATIONS—CHINA

From the history of the struggle for Soviet-Chinese friendship [with summary in English]. M. A. Persits. Probl. vostokoved. no.2:146-151 '60.

Great holiday of the Chinese people. Druzhba no.10:1-5 O '59.

The Great October has cleared the way to liberty and socialism for all peoples. S. V. Chervonenko. Druzhba no.49:5-7 D '59.

In honor of a glorious anniversary. Druzhba no.43:11-13 O '59.

Tenth anniversary of the Soviet-Chinese treaty. B. S. Krasnoshtein. Vest. AN SSSR 30 no.4:141 Ap '60.

Under the banner of great solidarity. Druzhba no.49:1 D '59.

RUSSIA—FOREIGN RELATIONS—FINLAND

Deputy Prime Minister A. I. Mikoyan visits Finland. Vnesh. torg. no.36:7 D '59.

Stay of Comrade A. I. Mikoian in Finland. Sov. torg. 33 no.1:26-27 Ja '60.

RUSSIA—FOREIGN RELATIONS—FRANCE

French encounters. Sh. Sanakoev. Mezhdunar. zhizn' 7 no.5:9-19 My '60.

The French people are eager to meet N. S. Khrushchev. R. Kozlovskii. Agitator no.4:34-35 Ja '60.

In the name of peace. Sov. profsoiuzy 16 no.7:6 Ap '60.

RUSSIA—FOREIGN RELATIONS—GERMANY

"Falsifiers, on the history of German-Soviet relations [in German] by A. Norden." Reviewed by D. S. Mel'nikov. Vop. ist. SSSR 1 no.6:178-181 N-D '59.

Narochnitskii, L. I. [Russia and the Prussian wars of 1860's for the unification of Germany "from above"] Rossiia i voiny Prussii v 60-kh godakh XIX v. za ob"edinenie Germanii "sverkhu." Moskva, Gos. izd-vo polit. lit-ry, 1960. 286 p.

RUSSIA—FOREIGN RELATIONS—GREECE

Clumsy pretense. Nov. vrem. 18 no.20:? My '60.

[illegible] HUNGARY

Russian-Hungarian relations to the beginning of the 19th century. M. P. Pavlovskaia. Ist. SSSR 3 no.1:[illegible] N-D '59.

RUSSIA—FOREIGN RELATIONS—INDIA

Russia's and India's friendly relations. [illegible]. Int. nakh. no.6:[illegible] N-D '60.

RUSSIA—FOREIGN RELATIONS—IRAQ

Press conference in Baghdad. Nov. vrem. 18 no.[illegible] Ap '60.

RUSSIA—FOREIGN RELATIONS—NEW ZEALAND

Concerning relations between Soviet Russia and New Zealand. L. I. Buzov. Mezhdunar. zhizn' 7 no.5:[illegible] My '60.

RUSSIA—FOREIGN RELATIONS—POLAND

The Andrusovo Armistice. [illegible]. [illegible] no.[illegible] N-D '59.

The historic significance of the [illegible] Polish [illegible]. [illegible]. Nov. vrem. 18 no.[illegible] Ap '60.

RUSSIA—FOREIGN RELATIONS—SWEDEN

Swedish archive documents on the history of the [illegible] and Russo-Swedish relations. [illegible]. [illegible] Ist. arkh. [illegible] '60.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

[illegible] Sov. vrem. 18 no.[illegible] My '60.

[illegible] life. [illegible] Ja '60.

For all nations of the world. Komm. Bel. 34 no.11:8 N '59.

Historical mission of peace and friendship. [illegible] Komm. Ukr. [illegible]

How the movie "N. S. Khrushchev in America" was filmed. [illegible] Mosk. [illegible]

In the name of happiness [illegible]. [illegible] no.1? [illegible]

Ivanov, B. V. [Thirteen days in America] 13 dnei v Amerike. Moskva, Izd-vo "Pravda," 1960. 4? p. (Biblioteka "Ogonek", no.15)

"Let's live in peace and friendship!" [illegible] no.1? Ja '60.

"Let's live in peace and friendship!" [illegible] V. Ilyin. Zhizn' glukh. [illegible]

Let's put an end to the [illegible] 10 no.12:1 [illegible]

Mission of peace. V. [illegible]. [illegible] 1 [illegible] N '59.

Mission of peace and friendship. V. [illegible] 11 no.12 [illegible]

Moscow-Washington-Moscow. K. [illegible] 10 no.12 [illegible]

"N. S. Khrushchev in America." Kinomekhanik no.12:2 of cover D '59.

N. S. Khrushchev in America. [illegible] 3 no.11:20-28 '59.

Powerful weapon in our struggle for peace. [illegible] Komm. Ukr. [illegible] no.11:30-34 N '59.

Remarkable triumph of the peaceful policy of the Soviet Union. Komm. Bel. [illegible] no.11:1 [illegible] N '59.

Response by N. S. Khrushchev to letters and telegrams received in connection with his trip to the United States. Moskva 3 no.9:4-5 '59.

A film about the historic [illegible]. Ogonek 18 no.1?:1 Ja '60.

Such is the will of our peoples ("Live in peace and friendship": visit of N. S. Khrushchev, Chairman of the Council of Ministers of the U.S.S.R. to the United States of America." Reviewed by V. [illegible]). [illegible] Molod. [illegible]

Visit of good will. [illegible] 2? no.10:[illegible] '59.

Voice of the average American. N. Mikhailov. Ogonek 37 no.52:4-5 D '59.

Young America applauds. [illegible] 17 no.1:[illegible] Ja '60.

RUSSIA—FOREIGN RELATIONS—YUGOSLAVIA

[illegible]

RUSSIA—HISTORY

[illegible]

Nikonov, V. P. [illegible]

[illegible]

RUSSIA—HISTORY—BIBLIOGRAPHY

[illegible]

RUSSIA—HISTORY—PERIODICALS

[illegible]

RUSSIA—HISTORY—SOURCES

[illegible]

RUSSIA—HISTORY—[illegible]

[illegible]

RUSSIA—HISTORY, MILITARY

[illegible]

RUSSIA—HISTORY, MILITARY—BIBLIOGRAPHY

[illegible]

RUSSIA—[illegible]

[illegible]

RUSSIA—INTELLECTUAL LIFE

Kaftanov, S. V. [Toward new advance in intellectual culture] K novomu pod"emu dukhovnoi kul'tury. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1960. 142 p

RUSSIA—ITALIANS

A reader of the "Unita" on a Ukrainian collective farm L. Mazur Ogonek 37 no 52 23 D '59

RUSSIA—MANUFACTURES

Let's supply consumers with a wide selection of good quality merchandise. D. Pavlov Prom. koop. 13 no 12:20-22 D '59.

RUSSIA—MILITIA

Soviet militia in the struggle to strengthen the Soviet government in the Fergana Valley. A. Kokanbaev. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4 11-16 '59.

RUSSIA—NAVY

Litvak, S. N. [On voyages; practices in party work] V morskom reise, iz opyta partiinoi raboty. Moskva, "Morskoi transport," 1959. 95 p.
(NNC)

RUSSIA—NAVY—BOATSWAINS

Boatswains S Osokin Voen znan 36 no 5 30-31 My '60

RUSSIA—POLITICS AND GOVERNMENT

Chronicle of recent events. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 9:52-58 N '59.

Documents of a great era ("Lenin collection." Vol. 36. Reviewed by G Lgotov) Sovr. Vost no. 4:10-11 Ap '60.

Establishment of the Council of People's Commissars at the Second All-Russian Congress of the Soviets I. A. Ushakov. Izv vys ucheb. zav., prav 3 no 4 116-125 '59

F. A. Golovin's reminiscences of the State Duma (continued). A. IA. Avrekh, V. D. Esakov, V. S. Rogova Ist arkh. no. 6 56-81 N-D '59

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Vedomosti Verkhovnogo Soveta RSFSR 4 no. 19 Je '60.

[Gazette of the Supreme Soviet of the U. S. S. R.]. Vedomosti Verkhovnogo Soveta SSSR 23 no 19 My '60.

Local government in Russia during the first half of the 16th century. S. M. Kashtanov. Ist. SSSR 3 no. 6 134-148 N-D '59.

Luk'ianov, A. I., and B. M. Lazarev. [Soviet public organizations and the Soviet state] Sovetskoe gosudarstvo i obshchestvennye organizatsii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 231 p.

The party and the soviets. A. Kozhemiakin. Sov. deput. trud. no. 12:9-17 D '59.

Romashkin, P. S., and S. A. Pokrovskii. [Role of the state during the large-scale building of communism] Gosudarstvo v period razvernutogo stroitel'stva kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1959. 95 p.

Russia (1923- U. S. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the R. S. F. S. R., second session, November 24-26, 1959; verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR, piatogo sozyva; vtoraia sessiia (24-26 noiabria 1959 g.) Stenograficheskii otchet. [Moskva] 1959. 252 p.

Russia (1923- U. S. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the U. S. S. R. fourth session, January 14-15, 1960; verbatim report] Zasedaniia Verkhovnogo Soveta SSSR, piatogo sozyva; chetvertaia sessiia (14-15 ianvaria 1960 g.) Stenograficheskii otchet. [Moskva] 1960. 206 p.

Shorina, E. V. [Collective and one-man leadership in Soviet government and administration] Kollegial'nost' i edinonachalie v sovetskom gosudarstvennom upravlenii. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 109 p.

Some problems of the development of the Soviet governmental system. G. I. Petrov. Izv. vys. ucheb. zav., prav. 3 no. 4:3-14 '59.

The spring of mankind. Isk. kino no. 11:1-4 N '59.

Under Lenin's banner towards the victory of communism! Sov. profsoiuzy 16 no. 7:2-5 Ap '60.

RUSSIA—POPULATION

Population of the U.S.S.R. G. Maksimov. Sots. trud 4 no. 7:9-16 Jl '59.

Russia (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Educational level, national composition, age structure and distribution of U. S. S. R. population by republics, territories and provinces based on the 1959 all-Union population census] Uroven' obrazovaniia, natsional'nyi sostav, vozrastnaia struktura i razmeshchenie naseleniia SSSR po respublikam, kraiam i oblastiam po dannym Vsesoiuznoi perepisi naseleniia 1959 goda. Moskva, Gosstatizdat TsSU SSSR, 1960. 37 p.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Let us compete, friends! Sov. kras. krest 9 no. 6 30 N-D '59.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Boris Shatrovatov and his Chinese friends. I. Aleksandrov. Mast. ugl. 8 no. 2:26 F '59.

Development of cultural relations between the Soviet and Chinese peoples. A. N. Nusupbekov. Vest. AN Kazakh. SSR 15 no. 12:10-18 D '59.

Genuine example of brotherly cooperation. A. Andreev. Druzhba no 43 2 O '59.

Mankind's stronghold of peace and progress. N. Popov. Druzhba no 43:2 O '59.

Plan for cooperation between the Academies of Sciences of the U S. S. R. and of China in 1960. Vest. AN SSSR 30 no 4 135-136 Ap '60

The road of friendship. A. Sosnovskii. Tekh mol. 27 no. 12 20-23 '59

Shanghai-Syktyvkar. Yang Chun-du. Druzhba no. 51:25 D '59.

A short story about Shanghai Vl. Dmitrevskii Neva no 10:9-23 '59.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Friends exchange experience. N. Batalov. Obshchestv. pit. no 12:33 D '59.

RUSSIA—RELATIONS (GENERAL) WITH DENMARK

We take away clear impressions L. Pavlova Sov kras krest 9 no 6 28-29 N-D '59.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Friendly cooperation of several universities. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:222-223 '59.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

For friendship between the people of the Soviet Union and France. I. Koshelev. Bibliotekar' no 5,39 My '60.

French physicians learned the truth. N. Missonov. Okhr. truda i sots. strakh. no. 12:16-17 D '59.

RUSSIA—RELATIONS (GENERAL) WITH GERMANY

Meeting with German Scientists. Vest. AN SSSR 30 no. 4: 138-139 Ap '60.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Meeting our Hungarian friends N A. Odaikin Sred spets obr. 6 no 12 53 D '59.

RUSSIA—RELATIONS (GENERAL) WITH IRAQ

Old friendship. H. Kurylenka. Belarus' 16 no. 12:26 D '59.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

On the eve of a school reform. Waclaw Tulodecki. Nar. obr. no. 5:119-121 My '60.

RUSSIA—RELATIONS (GENERAL) WITH SCOTLAND

"To this country belongs the future"; Scotch miners' comments on a visit to the Soviet Union. Mast ugl. 9 no. 2:27 F '59.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

American trade unionists in Moscow Nov vrem 18 no 20 17 My '60

American trip of Soviet economists. V. A. Vinogradov. Vest. AN SSSR 30 no. 4:130-134 Ap '60.

March of the millions. Belarus' 16 no. 11:1-2 N '59.

On the road of friendship and cooperation. Isk. kino no. 1:12e Ja '60.

True art is our common language. Isk. kino no. 1:12f Ja '60.

RUSSIA—REVOLUTION, 1917-1921

Automobile drivers in the October Revolution. V. Gogish. Za rul 17 no. 11:2-3 N '59.

A document showing how V. I. Lenin directed the work of the Council of People's Commissars and the Council for Labor and Defense A P. Troshino. Vop. ist KPSS 4 no. 3 182-191 '60

Establishment of national states in the R. S. F. S. R. in 1918. O. I. Chistiakov. Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:193-211 '59.

Establishment of the Council of People's Commissars at the Second All-Russian Congress of the Soviets I. A. Ushakov. Izv. vys. ucheb. zav., prav 3 no. 4:116-125 '59.

The failure of IUdenich. G. Karaev, O. Riss. Neva no 10:170-174 '59.

The Fifth All-Russian Congress of the Soviets. G. Kostomarov. Otv. na vop. trud. no. 02:31-33 '58.

Fulfilled dreams. A Kutsei. Belarus' 16 no 11:22 N '59.

Glagoleva, V. A. [Struggle of the Communist Party for the development of the socialist revolution and consolidation of the Soviet regime, October 1917-1918] Bor'ba Kommunisticheskoi partii za razvitie sotsialisticheskoi revoliutsii i uprochenie Sovetskoi vlasti, oktiabr' 1917 g. -1918 g. Tema VIII. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 79 p. (Istoriia, KPSS, Kurs lektsii)

[The glory of those days shall not fade...; recollections by river men, participants in the Great October Socialist Revolution, the nationalization of the navy, and the civil war on the Volga and on the Kama] Etikh dnei ne smolknet slava...; vospominaniia rechnikov - uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, natsionalizatsii flota i grazhdanskoi voiny na Volge i Kame. Moskva, Izd-vo "Rechnoi transport," 1958. 117 p.
(CSt-H)

How Lenin's decree on workers' control was worked out. A V. Lazarev. Vop ist. KPSS 4 no. 3:131-140 '60.

Influence of the Great October Socialist Revolution on the development of the national liberation movement among the peoples of the colonial East. A. Kh. Babakhodzhaev. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4:5-10 '58.

Lenin, V. I. [Proletarian revolution and the renegade Kautsky] Proletarskaia revoliutsiia i renegat Kautskii. Moskva, Gos. izd-vo polit lit-ry, 1960. 108 p. (Bibliotechka po nauchnomu sotsializmu, no. 21)

Letters from workers in the Soviet East to Il'ich [with English summary in insert]. Sovr Vost. no. 4,12-14 Ap '60

Moscow. Institut Marksizma-leninizma. [History of the civil war in the U. S. S. R., 1917-1922] Istoriia grazhdanskoi voiny v SSSR, 1917-1922. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 4. [Decisive victories of the Red Army over united forces of the Entente and the internal counterrevolution] Reshaiushchie pobedy Krasnoi Armii nad ob"edinennymi silami Antanty i vnutrennei kontrrevoliutsii (mart 1919 g. -fevral' 1920 g.). 1960. 440 p.

Murashov, S. I. [The Bolshevik party as the inspirer and organizer of the victory of the Great October Socialist Revolution, March-October 1917] Partiia bol'shevikov - vdokhnovitel' i organizator pobedy Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, mart - oktiabr' 1917 g., materialy k lektsiiam po kursu "Istoriia KPSS." Moskva, Gos. izd-vo "Sovetskaia nauka," 1959. 151 p.

New Leninist materials on the East ("Lenin collection." Vol. 36 Reviewed by N A. Kolfin [with summary in English]. Probl vostokoved. no. 2:156-160 '60.

Sofinov, P. G. [Outline history of the All-Russian Extraordinary Commission, 1917-1922] Ocherki istorii Vserossiiskoi Chrezvychainoi komissii, 1917-1922 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 247 p.

"The struggle of the soldiers of the southwestern front for the rule of the Soviets, March 1917-February, 1918" by P. Golub. Reviewed by A. G. Tkachuk. Ist. SSSR 3 no. 6:164-164 N-D '59.

Unforgettable encounters with V I Lenin. E P Tarasova Vop ist KPSS 4 no 3 170-176 '60

V I Lenin in the first months of Soviet rule a biographical chronicle (continuation) Vop ist KPSS 4 no 3 141-158 '60

Was the peaceful development of the Revolution after the Kornilov uprising possible? A M Sovokin Vop ist. KPSS 1 no 3 50-64 '60

RUSSIA—REVOLUTION, 1917-1921—AERIAL OPERATIONS

Air Force units attached to the 1st Horse Army. M. Stroev. Kryl. rod. 10 no. 11:23-24 N '59.

With faith in the right cause ("Reconnaissance pilot's notes" by P Ionov. Reviewed by D U Marchukov) Vest. Vozd. Fl. no 12,81-82 D '59

RUSSIA—REVOLUTION, 1917-1921—BIBLIOGRAPHY

Index to the latest literature on the early years of the Soviet Republic ("The Great October Socialist Revolution. The Soviet struggle for power during the period of foreign military intervention and civil war. Index to the literature for the 1957-1958 period." Part 1-1. Reviewed by I. M. Gavrilov, V. Z. Drobizhev.) Ist. arkh. no. 6:162-163 N-D '59.

RUSSIA—REVOLUTION, 1917-1921—CAMPAIGNS

[Legendary campaign] Legendarnyi reid; sbornik vospominanii o pokhode iuzhnoural'skikh partizan pod komandovaniem V. K. Bliukhera. Moskva, Gos. izd-vo polit. lit-ry, 1959. 192 p.

RUSSIA—REVOLUTION, 1917-1921—FOOD QUESTION

Shipment of food to the workers of the central regions of Soviet Russia by the workers of Kazakhstan, 1919-1920. P. I. Tugov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:33-41 '59.

RUSSIA—REVOLUTION, 1917-1921—NAVAL OPERATIONS

[Reminiscing about former campaigns] Vospominaia bylye pokhody, sbornik vospominanii veteranov Volzhskoi voennoi flotilii. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 293 p.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Birth of the red eagles ("Red eagles" by F. I Golikov. Reviewed by Arkadii Perventsev). Oktiabr' 36 no 11 217-219 N '59

Moscow. Institut istorii partii. [The Muscovites at the fronts of the civil war; reminiscences] Moskvichi na frontakh grazhdanskoi voiny; vospominaniia. [Moskva] Mosk. rabochii, 1960. 401 p.

On the republic's three fronts. M. K Serikov. Sov. Kazakh 24 no 2 60-77 F '59

Shevtsov, I. G. [Special assignment; reminiscences on the activity of Black Sea guerillas in 1919-1920] Osoboe zadanie; vospominaniia o deiatel'nosti Prichernomorskikh partizan v 1919-1920 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 110 p.

RUSSIA—REVOLUTION OF 1905

The Bolshevik Party during the First Russian Revolution, 1905-1907 H. Kirylenka, H. Kavantsava, IA. Mazurava. Sav shkola no. 6,41-46 N-D '59

The influence of the Russian Revolution of 1905-1907 on the revolutionary democrats of China [with summary in English]. L. S. Kiuzadzhian. Vest. ist. mir. kul't. no. 6 29-44 N-D '59.

RUSSIA—SOCIAL CONDITIONS

Building of communism is a concern of the many millions of toilers V pom polit. samoobr 3 no 12'3-9 D '59

December 5, Constitution Day. Ukraina no. 23'1 D '59.

Ogareva, N. A. (Tuchkova) [Reminiscences] Vospominaniia. [Moskva] Goslitizdat, 1959. 381 p. (Seriia literaturnykh memuarov)
(MH)

Period of great accomplishments. Kryl. rod 10 no. 11' 1-2 N '59.

RUSSIA—STATISTICS

[History of Soviet government statistics; collection of articles] Istoriia sovetskoi gosudarstvennoi statistiki; sbornik statei. Moskva, Gos. stat. izd-vo, 1960. 436 p.

The origin of the Central Statistical Administration. M. A. Sirinov. Ist. arkh. no 6 91-95 N-D '59.

RUSSIA, NORTHERN—APARTMENT HOUSES

Large-scale construction in populated areas of the Far North. T. Rimskaia-Korsakova, V. Tankaian. Arkhit. SSSR no. 12 26-29 '59.

RUSSIA, NORTHERN—DISCOVERY AND EXPLORATION

Leningrad. Arkticheskii nauchno-issledovatel'skii institut. [History of the discovery and development of the northern route] Istoriia otkrytiia i osvoeniia Severnogo morskogo puti. Leningrad, Izd-vo "Morskoi transport."
Vol. 3. Belov, M L [Soviet arctic navigation, 1917-1932] Sovetskoe arkticheskoe moreplavanie, 1917-1932 g. g. Pod red. IA. IA Gakkelia i M. B. Chernenko. 1959. 509 p.

RUSSIA, NORTHERN—FORAGE PLANTS

Wild forage plants of the Far North and experiments in cultivating them. R. A Dydina. Trudy Bot Inst Ser. 6 no. 7 192-195 '59

RUSSIA, NORTHERN—FROZEN GROUND

Certain forms of frost cracking in northeastern regions of the U. S. S. R T. N Kaplina Trudy Inst. merzl. AN SSSR 16,30-35 '60.

RUSSIA, NORTHERN—GEOCHEMICAL PROSPECTING

Geochemical research as a method of prospecting for genetic indications of oil-forming layers as exemplified by the geochemical studies in the Arctic regions of the U. S. S. R. I. S. Gramberg. Trudy NIIGA 92,171-182 '58.

RUSSIA, NORTHERN—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of the upper Paleozoic in the central sector of the Soviet Arctic. V. I. Ustritskii. Trudy NIIGA 92:20-35 '58.

Stratigraphy of Jurassic and Cretaceous sediments in the central sector of the Soviet Arctic. V. N. Saks. Trudy NIIGA 92:44-60 '58.

Stratigraphy of lower and middle Paleozoic sediments in the central sector of the Soviet Arctic. F. G. Markov. Trudy NIIGA 92'5-19 '58.

Stratigraphy of Triassic sediments in the central sector of the Soviet Arctic. D. S. Sorokov. Trudy NIIGA 92 36-43 '58.

RUSSIA, NORTHERN—GLACIERS

Present state of glacier study in the Soviet Arctic. G. A. Avsiuk. Probl. Sev. no. 3:180-189 '59.

RUSSIA, NORTHERN—HISTORY

"Historic acts of social and economic significance in northeastern Russia from the end of the 14th to the beginning of the 16th century." Vol. 2. Reviewed by A. T. Nikolaeva Ist. SSSR 3 no. 6'172-175 N-D '59.

RUSSIA, NORTHERN—LANGUAGE AND LANGUAGES

Expeditionary study of the languages of the minor nationalities in the North. V. A. Avrorin. Vest. AN SSSR 30 no. 4:142-143 Ap '60.

RUSSIA, NORTHERN—OIL WELL DRILLING RIGS

Using URB-ZAM drilling rigs. V. N. Kiselev. Neftianik 4 no. 12:6-7 D '59.

RUSSIA, NORTHERN—PETROLEUM GEOLOGY

Decisions of the enlarged session of the learned council of the Institute of Arctic Geology, April 25-30, 1957. Trudy NIIGA 92:215-216 '58.

RUSSIA, NORTHERN—SPRUCE

Weight of spruce crowns in northern forest plantations. L. V. Korotiaev Izv vys ucheb. zav , les. zhur. 2 no 5' 90-97 '59

RUSSIA, NORTHWESTERN—FORAGE PLANTS

New silage plants for the northwestern zone of the U. S. S. R. P. F. Medvedev. Trudy Bot. inst Ser. 6 no. 7:254-258 '59

RUSSIA, NORTHWESTERN—GLACIAL EPOCH

Aleinikov, A. A. [Basic problems relative to the study of Quaternary sediments in the northwestern U. S. S. R.] Ob osnovnykh voprosakh izucheniia chetvertichnykh (antropogenovykh) otlozhenii Severo-Zapada SSSR. [Leningrad] Izd-vo Leningr. univ., 1960. 64 p.

RUSSIA, NORTHWESTERN—SCIENCE

Chronicle of the history of science and technology (Karelia and Kola Peninsula) No 7. S V. Grigor'ev Izv. Kar. i Kol'. fil AN SSSR no 3 137-138 '59.

RUSSIA, SOUTHERN—APARTMENT HOUSES

Removable partitions in apartment houses in the south. G Levchenko, E Tershukova. Arkhit. SSSR no. 12'39 '59.

RUSSIA, SOUTHERN—COKE INDUSTRY

Prospects for the development of the coal resources for coking in the southern U. S. S. R. A. M. Miroshnichenko, B. I. Shtromberg. Koks i khim. no. 12'3-6 '59.

RUSSIA, SOUTHERN—DWELLINGS—HEATING AND VENTILATION

Height of rooms in southern regions. G. Mirianashvili. Zhil. stroi. no. 12:30 '59.

RUSSIAN DRAMA—COLLECTIONS

Marchik, G., comp. [One-act plays] Odnoaktnye p'esy. Moskva, "Molodaia gvardiia," 1959. 202 p.
(NIC)

RUSSIAN DRAMA—HISTORY AND CRITICISM

Chekhov and Soviet drama. M. Stroeva. Teatr 21 no. 1' 69-82 Ja '60.

RUSSIAN LANGUAGE

Questions and answers. Rus. iaz. v shkole 20 no. 6'116-123 N-D '59

RUSSIAN LANGUAGE—ADJECTIVE

Relative adjectives developing qualitative meaning. A. I. Potemkina Rus iaz. v shkole 20 no. 6:8-12 N-D '59

Spelling of compound adjectives. IA. I. Shubov. Rus. iaz. v shkole 20 no 6'52-56 N-D '59.

RUSSIAN LANGUAGE—BIBLIOGRAPHY

New literature for Russian language teachers (first semester of 1959) Rus iaz. v shkole 20 no. 6'104-112 N-D '59.

RUSSIAN LANGUAGE—CLAUSES

Aliev, U. B. [Problems of complex clauses in the Russian and Turkic languages, based on data for Russian, Karachay, Balkar, and Kirghiz] Voprosy slozhnogo predlozheniia v russkom i tiurkskikh iazykakh; na materialakh russkogo, karachaevskogo, balkarskogo i kirgizskogo iazykov. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1959. 1 v.
(MH)

Distinguishing subordinate clauses of purpose from other dependent clauses. A. K Fedorov. Rus. iaz. v shkole 20 no. 6'56-63 N-D '59.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Compositions based on contact with life. M. L. Zakozhurnikova. Nach. shkola 27 no. 12'13-20 D '59.

Compositions on pictures. E. F. Rovnaia. Rus. iaz. v shkole 20 no 6'46-49 N-D '59.

Correction and analysis of compositions. E. N. Vlasova. Lit. v shkole 20 no. 6:34-40 N-D '59.

Matiichenko, A. S. [Collection of exercises in grammar and spelling; textbook for pupils in grades 5-6 of the non-Russian school] Sbornik uprazhnenii po grammatike i pravopisaniiu; uchebnoe posobie dlia uchashchikhsia V-VI klassov nerusskoi shkoly. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 235 p.

Methodology in teaching exposition. A. S. Pozorn-Pestova. Rus. iaz. v shkole 20 no. 6:50-52 N-D '59

RUSSIAN LANGUAGE—DICTIONARIES

Standard "Dictionary of the Russian language" as an aid in the development of speech ("Dictionary of the Russian language." Vols. 1 and 2. Reviewed by R. R. Gel'gardt). Rus. iaz. v shkole 20 no. 6:98-102 N-D '59.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Zaimovskii, S. G., comp. [Concise English-Russian and Russian- English dictionary] Kratkii anglo-russkii i russko-angliiskii slovar'. Pod red. A. V. Litvinovoi. Izd. 7., ispr. i dop. Okolo 18 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 430 p.
[MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—ITALIAN

Dobrovol'skaia, IU. A., and M. A. Miziano, comps. [Russian-Italian pocket dictionary] Karmannyi russko-ital'inskii slovar'. Okolo 8 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 443 p.

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazyka i literatury. [Russian-Kazakh terminological dictionary] Russko-Kazakhskii terminologicheskii slovar'. Alma-Ata,
Vol. 3. [Terminology in geology] Terminy po geologii. 1960. 200 p.

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazyka i literatury. [Russian-Kazakh terminological dictionary] Russko-Kazakhskii terminologicheskii slovar'. Alma-Ata.
Vol. 4. 1960. 185 p.

RUSSIAN LANGUAGE—DICTIONARIES—UKRAINIAN

Akademiia nauk URSR, Kiev. [Russian-Ukrainian che cal dictionary; 6000 words and terms] Russko ukrain- skii khimicheskii slovar'; 6000 terminov. Sost. E. F. Nekriach, IU. P. Nazarenko i V. P. Chernetskii. Kiev, 1959. 204 p.

Akademiia nauk URSR. [Russian-Ukrainian dictionary on mechanical engineering and general manufacture of machinery] Russko-ukrainskii slovar' po mashinoved i obshchemu mashinostroeniiu. 10 000 terminov. Sost. V. V. Khil'chovskii i V. I. Shashkov. Kiev, 1959. 232 p.

RUSSIAN LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.—KAZAKH

Brief Russian-Kazakh list of philosophical terms [introduction in Kazakh]. Vest. AN Kazakh. SSR 15 no. 12 30-40 D '59.

RUSSIAN LANGUAGE—GRAMMAR

Akademiia nauk SSSR. Institut russkogo iazyka. [Russian language grammar] Grammatika russkogo iazyka. Moskva.
Vol. 1. [Phonetics and morphology] Fonetika i morfologiia. 1960. 719 p.

Bedniakov, A. S. [Russian language; a manual for non-Russian teachers' schools] Russkii iazyk, uchebnoe posobie dlia nerusskikh pedagogicheskikh uchilishch. Izd. 2. Moskva, Uchpedgiz.
Vol. 2. 1959.
(NNC)

Conference of linguists from southern Russia and the Northern Caucasus. I. A. Fedosov. Nauch dokl vys shkoly; filol. nauki no. 4 168-180 '59.

Shin, P. P. [Textbook of the Russian language] Uchebn russkogo iazyka. Pkhen'ian, Izd-vo M-va natsional'n i obor., 1949. 295 p. [In Chinese.]

RUSSIAN LANGUAGE—GRAMMAR—AUDIO-VISUAL AIDS

Visual aids on grammar. L. I. Dashko. Rus. iaz v shk 20 no. 6:40-46 N-D '59

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—OSSETIC

Simultaneity of complex sentences in the Russian langu and its Ossetic counterpart Z. TSkhovrebova Izv IUgo-Oset nauch.-issl. inst. no. 9:455-476 '59

RUSSIAN LANGUAGE—INFINITIVE

Relationship of the infinitive to the subject. D. A. Pete Uch. zap. MGPIIA 10:263-270 '59.

RUSSIAN LANGUAGE—NOUN

The problem of aspect in verbal nouns; a study of the Russian literary language of the 18th century. I. G Sverdlov. Nauch. dokl. vys. shkoly, filol. nauki no 4:119 131 '59.

RUSSIAN LANGUAGE—ORTHOGRAPHY

The comparative method in studying morphology and ortho graphy. V. N. Fomenkov. Rus. iaz. v shkole 20 no 6 40 N-D '59.

How to work on words whose spelling cannot be checked by the rules. E. G. Klimova. Nach. shkola 27 no 12 80-82 D '59.

Student mistakes in applying the rules of orthography an punctuation. G. V. Dubrovin. Rus. iaz. v shkole 20 no. 6;69-72 N-D '59

RUSSIAN LANGUAGE—PUNCTUATION

Student mistakes in applying the rules of orthography a punctuation. G V. Dubrovin. Rus. iaz. v shkole 20 no. 6;69-72 N-D '59.

Study of punctuation in nonconjuctional compound senter A. Dudnikov. Rus. iaz. v shkole 20 no. 6:63-68 N-D '59.

RUSSIAN LANGUAGE—SEMANTICS

Origin of the name "Rus'." O. B. Tkachenko. Ukr. mov v shkoli 9 no. 6:64-66 N-D '59.

RUSSIAN LANGUAGE—SENTENCES

Secondary parts of a sentence; history and theory of the problem. A. A. Kholodovich. Nauch. dokl. vys. shkoly, filol. nauki no. 4:18-31 '59.

A study of sentence structure. T. P. Lomtev. Nauch. dok vys. shkoly; filol. nauki no. 4:3-17 '59.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Italy)

For constructive initiative in the work of Russian lang teachers. Rus. iaz. v shkole 20 no 6:1-5 N-D '59

How I achieve a high degree of literacy in students. I. I. Ryzhova. Nach. shkola 28 no. 1:51-53 Ja '60.

Interesting problem book. A. M. Toporov. Rus. iaz. v shkole 20 no. 6:89-94 N-D '59.

Lipaev, A. A., and A. A. Popova. [Collection of article for analysis in Russian in grades 8-10 of non-Russian schools; manual for Russian language teachers] Sbornik statei dlia izlozhenii na russkom iazyke v VIII-X klassakh nerusskoi shkoly; posobie dlia prepodavatelei russkogo iazyka. Izd. 4., ispr. Moskva, Gos. uchebno- pedagog. izd-vo M-va prosv. RSFSR, 1959. 245 p.

RUSSIAN LANGUAGE – STUDY AND TEACHING (Continued)

Methodological theory of teaching the Russian language. E N Petrova Rus iaz v shkole 20 no 6'95-97 N-D '59.

Regional conference on theory and research of Volga Valley teachers colleges V A Malakhovskii Rus iaz v shkole 20 no. 6:113-115 N-D '59

Sample plan for speech development classes in the fifth grade of the experimental schools of the Institute of Educational Methods of the Academy of Pedagogical Sciences Lit. v shkole 20 no. 6,81-82 N-D '59.

Speech standards of future teachers. A. S. Kultyshev. Rus iaz. v shkole 20 no 6'83-88 N-D '59

Third Regional Academic Conference of the Russian Language Departments of the Institutions of Higher Learning of the Volga region V. S. Malakhovskii. Nauch. dokl vys. shkoly, filol. nauki no. 4 186-187 '59.

Training students to pay attention to their own speech as a means of correcting mistakes A V IAstrebov Rus iaz v shkole 20 no 6'29-33 N-D '59

Working with backward students. V. K. Skarlato. Rus. iaz v shkole 20 no 6'72-78 N-D '59

RUSSIAN LANGUAGE—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Russian language—Study and teaching

RUSSIAN LANGUAGE—STYLE

Brief discussion of literary style. A. V. Stepanov. Nauch. dokl. vys shkoly, filol nauki no. 4'132-137 '59.

RUSSIAN LANGUAGE—SYNONYMS

Independent work of students on synonyms in advanced grades R. E. Vul'fson, M. V Sokolova, Z G. IAmpol'skaia Rus iaz v shkole 20 no 6'78-82 N-D '59.

RUSSIAN LANGUAGE—SYNTAX

Appositional complements in the contemporary Russian language M. Ovanova Rus. iaz v shkole 20 no 6: 13-16 N-D '59

Nonconjuctional conditional sentences in the Russian language L S. Drotvinas. Rus iaz v shkole 20 no 6' 17-21 N-D '59.

"The principles of syntax of contemporary Russian" by T P. Lomtev Reviewed by A B. Shapiro. Vop iaz. 8 no. 6:136-142 N-D '59.

Shvedova, N. IU. [Studies on the syntax of conversational Russian] Ocherki po sintaksisu russkoi razgovornoi rechi. Moskva, Izd-vo Akad. nauk SSSR, 1960.

Valimova, G. V. [Planned work in the modern Russian language, No. 8 and 9 (syntax) for correspondence students of the Faculty of the Russian Language and Literature] Kontrol'nye raboty po sovremennomu russkomu iazyku, no. 8 i 9 (sintaksis) dlia studentov-zaochnikov fakul'teta russkogo iazyka i literatury. [Rostov-na-Donu] 1958. 51 p.
(RPB)

RUSSIAN LANGUAGE—TERMS AND PHRASES

"We shall forge plows out of swords." Agitator no. 1: 32 Ja '60.

RUSSIAN LANGUAGE—TEXTBOOKS

In the Russian language editor's office. O. V. Il'iuchenko. Nach. shkola 28 no. 1:86 Ja '60.

A manual for correspondence students("Russian language lessons" by F. N. Terekhin. Reviewed by N. G. Khrisanopulo, A. S. Dovbenko). Sred. spets. obr. 6 no. 11.58-60 N '59.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Khromets, N. G., and A. P. Veisman. [Russian language textbook for non-Russians] Uchenik russkogo iazyka dlia nerusskikh. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Pt. 2. [Syntax] Sintaksis. 1960. 274 p.

RUSSIAN LANGUAGE—WORD FORMATION

Makers of language. L. Uspenskii. Rab.-krest. korr. no. 12:63-73 D '59.

RUSSIAN LITERATURE

Meeting of the creative workers of the capital. Iskusstvo 22 no. 9:3 '59.

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—COLLECTIONS

Eliseev, A., ed. [Yesterday, today, and tomorrow; sketches] Vchera, segodnia, zavtra; ocherki. Gor'kii. Gor'kovskoe knizhnoe izd-vo, 1959. 285 p.
(MH)

Katinov, V. V., comp. [For the sake of life on earth; a collection] Radi zhizni na zemle; sbornik. Moskva, Voen. izd-vo, 1959. 663 p.
(MH)

Mikhaleva, T. I., ed. [Heroic generation] Geroicheskoe pokolenie. [Tambov] Tambovskoe knizhnoe izd-vo, 1958. 95 p.
(MH)

Sumarev, P. I., comp. [Russian authors write about religion] Russkie pisateli o religii. [Moskva] Sovetskaia Rossiia, 1959. 469 p.
(NNC)

Verol'skii, IU., and A. Kazakov, comps. [Friendship; a collection of works by young authors] Druzhba; sbornik proizvedenii molodykh avtorov. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1959. 202 p.
(MH)

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR. Institut mirovoi literatury. [A history of Soviet Russian literature in three volumes] Istoriia russkoi sovetskoi literatury v trekh tomakh. Moskva.
Vol. 2. 1929-1941 gg. 1960. 633 p.

Art as a weapon of "the cold war." A. G. Gaev. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 9 1-21 N '59.

Conflicting postwar sketch. B. E. Losev. Uch. zap. Sver. gos. ped. inst. no. 15:109-147 '57.

Droblenkova, N. F. ["New tale of the glorious kingdom of Russia" and patriotic literary propaganda contemporaries with it] Novaia povest' o preslavnom Rosiiskom tsarstve i sovremennaia ei agitatsionnaia patrioticheskaia pis'mennost'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 230 p.

The epic novel and its theorist. E. Elkind. Zvezda no 1'191-193 Ja '60.

Fadeev, A. A. [During thirty years; selected articles, speeches, and letters on literature and art] Za tridtsat' let; izbrannye stat'i, rechi i pis'ma o literature i iskusstve. Izd. 2. Moskva, Sovetskii pisatel', 1959. 994 p.
(CtY)

The heroes around us B Dvorson Oktiabr' 36 no. 11 210-221 N '59

"In literary battles" by A Selivanovskii Reviewed by Andrei Lukin. Chto chitat' 2 no. 12.29 D '59

Kazanskaia, A. K., and others. [Russian literature; a textbook for grade 9 of the non-Russian secondary school] Russkaia literatura; uchebnik dlia IX klassa nerusskoi srednei shkoly. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 264 p.

Kolokol'tsev, N. V. [Russian literature; a textbook for the third course in teachers' colleges] Russkaia literatura; uchebnik dlia 3 kursa pedagogicheskikh uchilishch. Izd. 5. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 190 p.
(NNC)

On the art of the novelist. L. Fomenko. Moskva 3

The problem of the universal in literature. E. A. Isaeva. Nauch. dokl. vys. shkoly, filol. nauki no. 4:148-159 '59.

A seventeen-year old hero. D. Tevekelian. Moskva 3 no. 11:202-209 '59.

[Siberian authors; literary and critical essays] Pisateli-sibiriaki; literaturno-kriticheskie ocherki. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 1 v.
(NN)

Soviet literary studies in 1958. G P Struve Vest. Inst. po izuch. SSSR no. 3:99-111 Jl-S '59.

The theme of contemporaneity in Soviet literature during the 1920's; taken from "Essays on the development of Soviet literature." I. F. Monakova. Uch. zap. Sver. gos. ped. inst. no. 15:68-98 '57.

The ways of literary design. V. Nazarenko. Zvezda no 1:175-190 Ja '60.

RUSSIAN LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Russian literature—History and criticism

RUSSIAN LITERATURE—PERIODICALS

Akademiia nauk SSSR. Institut russkoi literatury. [Russian literature] Russkaia literatura. Leningrad, 1958. 1 v.
(CLSU)

RUSSIAN LITERATURE—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Study of pupils in the process of teaching literature; from work practice] Izuchenie uchashchikhsia v protsesse prepodavaniia literatury; iz opyta raboty. Pod red. N. I. Kudriashova i N. D. Moldavskoi. Moskva, 1959. 158 p.

Basic imperfection in the study of literature and the way to overcome it. IA. A. Rotkovich. Lit. v shkole 20 no. 6:26-33 N-D '59.

Book lovers' groups. B. Petrenko. Bibliotekar' no. 5:33 My '60.

Draft literature programs for grades 5-8 and 9-11 of the Ministry of Education of the R. S. F. S. R. and the Academy of Pedagogical Sciences. Lit. v shkole 20 no. 6: 64-67 N-D '59.

Ensure improvement in the methodological training of literature teachers. O. V. Muratova. Lit. v shkole 20 no. 6:62-64 N-D '59.

Extracurricular work on literature. A. A. Bogushevskaia. Sred. spets. obr. 6 no. 11:46-48 N '59.

First literature lessons in the fifth grade. K. L. Lit. v shkole 20 no. 6:86-87 N-D '59.

For a broad education of a literature teacher! V. A. Nikol'skii. Lit. v shkole 20 no. 6:59-60 N-D '59.

Teaching literature to student-workers. M. S. Shwarts. Lit. v shkole 20 no. 6:41-49 '59.

Three books on writers published for students ("Chernyshevskii's life" by N. V. Bogoslovskii, "L. N. Tolstoi; a biography" by A. I. Popovkin, and "Chekhov" by Kornei Chukovskii. Reviewed by A. Borshchevskaia). Lit. v shkole 20 no. 6:72-75 N-D '59.

RUSSIAN LITERATURE—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Russian literature—Study and teaching

RUSSIAN LITERATURE—TEXTBOOKS

Reorganization of schools and the textbooks. A. M. Garkavi. Lit. v shkole 20 no 6:67-69 N-D '59.

RUSSIAN LITERATURE—TRANSLATIONS INTO CHINESE

In the same formation. B. Lisitsa, E. Serebriakov. Neva no 10'191-196 '59.

RUSSIAN NEWSPAPERS

(see also subdivision under Kustanay Province; South Kazakhstan Province; White Russia)

Bolshevik newspapers for peasants IU N Amiantov. Vop ist KPSS 4 no 3 117-130 '60

It isn't a problem of a little importance. S. Bardin. Sov. deput. trud. no. 12:90-91 D '59.

Kommunisticheskaia partiia Sovetskogo Soiuza. Irkutskii oblastnoi komitet. Otdel propagandy i agitatsii. [Articles and news reports from Siberia in "Iskra," a newspaper edited by Lenin] Sibirskie korrespondentsii v Leninskuiu "Iskru." [Irkutsk] Irkutskoe obl. gos. izd-vo, 1951. 102 p.
[MICROFILM]

Newspaper articles of party workers. V. Vorontsov, A. Koloskov Kommunist 37 no 8:61-70 My '60.

RUSSIAN NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Russian newspapers

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Letopis' gazetnykh statei no. 4 '60.

[Chronicle of newspaper articles.] Letopis' gazetnykh statei no. 5 '60, index Ja-Mr '60.

RUSSIAN PERIODICALS

Periodicals in political education. R. Medvedeva. Bibliotekar' no. 4'38-40 Ap '60.

Read it in the periodicals. Nar. obr. no. 5'138 My '60.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 17-18 '60.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos. 19-20 '60; index, O-D '59.

RUSSIAN PHILOLOGY—STUDY AND TEACHING

At departments of language and literature. Nauch. dokl. vys. shkoly; filol. nauki no 4:189-192 '59.

RUSSIAN PHYSICIANS see Physicians, Russian

RUSSIAN PLAIN see East European Plain

RUSSIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Biostratigraphy and facies of the lower horizon of the lower Tortonian in the southwestern part of the Russian Platform. L M. Kudrin Pyt. geol. no. 9:59-69 '58.

RUSSIAN PLATFORM—OSTRACODA, FOSSIL

Ostracoda and their importance in the stratigraphy of the Devonian in the northwestern province of the Russian Platform. V. S. Zaspelova. Trudy VNIGRI no. 136: 5-131 '59.

RUSSIAN PLATFORM—PALEOGEOGRAPHY

Paleogeography of the southwestern part of the Russian Platform during the middle Jurassic [with summary in English]. A. V. Drumin, P. K. Ivanchuk. Dop. AN URSR no. 10:1145-1147 '59.

RUSSIAN POETRY—COLLECTIONS

[Verse of 1954] Stikhi 1954-goda. Moskva, Izd-vo "Sovetskaia Rossiia", [n. d.] 1 v.
(NN)

RUSSIAN POETRY—HISTORY AND CRITICISM

For and against Anatolii Elkin Moskva 3 no. 9:189-197 '59.

Originality of the poet Z. Papernyi. Oktiabr' 36 no 11· 210-216 N '59.

Our life must be a source of inspiration ("The day of poetry." Reviewed by Leonid Tendiuk). Dnipro 33 no. 12:154-155 D '59.

The poet and the reader. Vasilii Fedorov. Moskva 3 no. 10:214-216 '59.

RUSSIAN PROSE LITERATURE—HISTORY AND CRITICISM

Soviet prose literature in 1958. V. A. Aleksandrova. Vest Inst. po izuch. SSSR no. 3·112-120 Jl-S '59.

RUSSIAN SOCIAL DEMOCRATIC PARTY

Bolshevik newspapers for peasants. IU. N. Amiantov. Vop. ist. KPSS 4 no 3·117-130 '60.

The Bolshevik Party during the First Russian Revolution, 1905-1907. H. Kirylenka, H. Kavantsava, IA. Mazurava. Sav. shkola no. 6:41-46 N-D '59.

Murashov, S. L. [The Bolshevik part as the inspiror and organizer of the victory of the Great October Socialist Revolution, March-October 1917] Partiia bol'shevikov - vdokhnovitel' i organizator pobedy Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, mart - oktiabr' 1917 g.; materialy k lektsiiam po kursu "Istoriia KPSS." Moskva, Gos. izd-vo "Sovetskaia nauka," 1959. 151 p.

RUSSIAN SOCIAL DEMOCRATIC PARTY (Continued)

Specification of some historical events N Pilashev V pom polit samoobr 3 no 12:119-120 D '59

An unknown document of V I Lenin Vop ist KPSS 4 no 3 5-8 '60

Zlobina, V.M. [The Bolsheviks in the forefront of mass political strikes during the new upheaval of revolutionary activity] Bol'sheviki vo glave massovykh politicheskikh stachek v gody novogo revoliutsionnogo pod"ema. [Moskva] Izd-vo Mosk. univ., 1960. 55 p.

RUSSIAN SOCIAL DEMOCRATIC PARTY—CONGRESSES

Rossiiskaia sotsial-demokraticheskaia rabochaia. Partiia. 4 s"ezd, Stockholm, 1906. [Proceedings of the Fourth Congress of the Russian Social Democratic Party in 1906 in Stockholm] Protokoly Moskva, Gos. izd-vo polit. lit-ry, 1959. lxv, 713 p. (Protokoly i stenograficheskie otchety s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

RUSSIANS

Sidorenko, S. A. [Origin of the Russian people and the growth of its culture] Obrazovanie velikorusskoi narodnosti i razvitie ee kul'tury. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1958 32 p.

RUSTS (FUNGI)

(see also subdivision under Azerbaijan, Gissar Range)

Orange rust of raspberries in the U S S R O B Natal'ina Bot zhur 44 no 10 1498-1499 O '59

RUTHENIUM COMPOUNDS

Structure of crystals of hydroxonitrosotetraammineruthenium chloride. N. A Parpiev, G. B. Bokii. Zhur. neorg. khim 4 no. 11:2452-2459 N '59.

RUTILE

Methods for sample taking and processing in explorations for zircon-ilmenite-rutile placer deposits. B. N Sokolov. Izv. Kaz i Kol'. fil AN SSSR no 3 30-47 '59

RUTIN

Extraction of rutin from Vinca. D A Bocharova Med. prom 13 no 12·24-26 D '59

RYAZAN PROVINCE

[The Ryazan achievement] Podvig Riazani. Moskva, Izd-vo "Pravda," 1960. 61 p. (Biblioteka "Komsomol'skoi pravdy," no. 4)

RYAZAN PROVINCE—AGRICULTURE

Effective and efficient methods of work. I. Bobkov. Sov. deput. trud. no. 12·28-38 D '59.

Kovrova, P. N. [Our people control the carrying out of pledges, from the work experience of the public committee for controlling the carrying out of pledges in Ryazan Province] Vypolnenie obiazatel'stv pod kontrol' obshchestvennosti; iz opyta raboty Riazanskoi obshchestvennoi komissii po proverke vypolneniia obiazatel'stv. [Moskva] Izd-vo "Sovetskaia Rossiia," 1959. 29 p. (Bibliotechka sel'skogo partiinogo rabotnika)

Tarasov, G. G. [Our experience in fulfilling our obligations] Nash opyt vypolneniia obiazatel'stv. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 35 p. (Chemu uchit primer truzhenikov Riazanskoi oblasti)

RYAZAN PROVINCE—BANKS AND BANKING

Andreev, A. K., and I. V. Levchuk. [Differential credit and payment system; from the work practice of State Bank branches in Ryazan Province] Differentsirovannyi rezhim kreditovaniia i raschetov, iz opyta raboty uchrezhdenii Gosbanka Riazanskoi oblasti. Moskva, Gosfinizdat, 1959. 51 p.

RYAZAN PROVINCE—DAIRY INDUSTRY

Growth of production capacity is furthered in the Ryasan Economic Region. A. Artamonov. Moloch. prom. 20 no. 12:3 D '59.

RYAZAN PROVINCE—DESCRIPTION AND TRAVEL

The Ryazan roads, a travelogue. V. Zharov, V. Grinberg, V. Lipnitskii. Zhizn' glukh. 12 no. 12.4-10 D '59.

RYAZAN PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Rural youth tries to raise its cultural standard and professional skill. M. Frolov. Mol. komm. no. 12.45-53 D '59.

RYAZAN PROVINCE—HISTORY—STUDY AND TEACHING

Regional historical studies of the Department of History of the U.S.S.R. of the Ryazan Pedagogical Institute. N. P. Milonov. Ist. SSSR 3 no. 6 210-211 N-D '59.

RYAZAN PROVINCE—MEAT INDUSTRY

Growth of production capacity is furthered in the Ryasan Economic Region. A. Artamonov. Moloch. prom. 20 no. 12:3 D '59.

RYAZAN PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

First results. N. Volkov. Raspr. pech. no. 12·18 D '59.

RYAZAN PROVINCE—ORPHANS AND ORPHANAGES

Letter from Vasia Perevedentsev V Skomorokhov. Moskva 3 no 11:218-219 '59

RYAZAN REGION—CORN (MAIZE)

Corn grown by Ryazan students. V. Klimova. IUn. tekh. 4 no. 11:57-58 N '59.

RYBINSK—MATERIAL HANDLING

Using S-413 type vibrators for salt hoppers in the Rybinsk harbor E. M. Orlov Rech transp. 18 no 12 45-46 D '59.

RYBINSK RESERVOIR REGION—SOIL MOISTURE

Effect of excessive moisture on the shore soils of Rybinsk Reservoir. S. A. Vladychenskii. Nauch. dokl. vys. shkoly, biol. nauki no. 2:191-197 '60.

RYBNITSA DISTRICT—STOCK AND STOCKBREEDING

Efficiently and skillfully I Panachevnyi Komm Mold 4 no 11 26-29 N '59

RYBNOYE DISTRICT—SOVIETS

Our most important sector. L. Matiukhina. Sov. deput. trud no. 12 44-48 D '59.

RYE

Polyploid branched rye. N. V. TSitsin, M. A. Makhalin. Dokl. AN SSSR 131 no. 5.1165-1167 Ap '60.

RYE BREEDING

Overcoming the inbreeding depression in the germination of rye pollen on artificial media. Kh. Gering. Nauch. dokl. vys. shkoly, biol. nauki no. 2.187-190 '60.

RYE SMUT see Ergot

RYLENKOV, NIKOLAI IVANOVICH, 1909-

Nikolai Rylenkov's verse. A. Makedonov. Zvezda no. 1' 200-202 Ja '60.

RZHEV DISTRICT—FLAX

Striving for a honorary title M. V Zhuravlev Len i konop 4 no 11 24-25 N '59.

SAADI

A classic of world literature L Lushchyk Nauka i zhyttia 8 no 5 44-45 My '58

SADKOVTSY—WORLD WAR, 1939-1945

This happened in Sadkovtsy F Goncharov Voen znan 36 no 5 13-14 My '60

SAFRONOVO—SCHOOLS

Children's town of Safronovo. Nar. obr. no. 5:102 My '60.

SAIANOV, VISSARION MIKHAILOVICH, 1903-

Fate of a generation. A. Valdimirov. Zvezda no. 1'194-196 Ja '60.

SAIGA see subdivision under Sulak Valley, Terek Valley

SAINFOIN—FERTILIZERS AND MANURES

Some features of the nitrogen and phosphorus nutrition of sainfoin. G. B. Babaian, S. A Karagulian. Dokl AN Arm SSR 29 no 4·181-185 '59.

SAINT EXUPERY, ANTOINE DE, 1900-1944

Answering for others. Vera Smirnova. Moskva 3 no. 8: 115-123 '59

SAINT LAWRENCE RIVER—HYDROELECTRIC POWER STATION

Constructing hydroelectric power stations on the Saint Lawrence River. IU. M. Novikov. Gidr. stroi. 28 no. 2·56-60 F '59.

SAINT LOUIS, MO.—HIDES AND SKINS

Rapid method of preserving hides (from "The National Provisioner," Oct., 1958). Mias. ind. SSSR 30 no. 2: 59-60 '59.

SAKHALIN—COASTS

Some problems in analyzing the dynamics and morphology of the western shore of Sakhalin with reference to the construction of small fishing harbors. V. S. Medvedev. Trudy Okean. kom. no. 4:3-12 '59.

SAKHALIN—FISHERIES

Fishing collectives of Sakhalin under new working conditions. N. S. Goriunov. Ryb. khoz. 35 no. 10:69-71 O '59.

SAKHALIN—GRASSES

Chromosome numbers in species of large-sized herbaceous plants of Sakhalin [with summary in English] A P Sokolovskaia Vest LGU 15 no 9 135-137 '60

SAKHALIN—HERRING

Some characteristics of the prespawning behavior of herring in waters of southern Sakhalin. A. D. Druzhinin. Ryb. khoz. 35 no. 10:9-11 O '59.

SAKHALIN—PHYTOGEOGRAPHY

Characteristics of vegetation zones on the island of Sakhalin V D Lopatin, A V Bakhteeva Izv. Sib otd AN SSSR no 10 103-111 '59

SAKHALIN BASIN—LABOR AND LABORING CLASSES—DWELLINGS

Erected by the hands of young Sakhalin builders. I. Toropin. Mast. ugl. 8 no. 2 10 F '59.

SAKHNOVSKAIA, ELENA BORISOVNA

Elena Sakhnovskaia, engraver L Miliaeva Iskusstvo 22 no 12 32-34 '59.

SAKSAGAN' VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphic division of rocks in the upper series of the central Saksagan' region in the Krivoy Rog Basin (October Revolution, Frunze, and 20th Congress of the C. P. S. U. mines). N M Struteva Nauk zap Kyiv. un 16 no. 14:151-156 '57.

SALADS

"How to prepare a Russian salad." Z. V. Kozhokhina, A. N. Logacheva. Nach. shkola 28 no. 1:59-61 Ja '60.

SALEKHARD REGION—FROZEN GROUND

Principles underlying the division of the permafrost area into regions for the purpose of thermal elimination of permafrost conditions in soils and frozen rocks S M Fotiev. Trudy Inst. merzl AN SSSR 16 150-159 '60.

Second layer of frozen rocks in the Salekhard region A. A. Ananian, V V Baulin. Trudy Inst. merzl AN SSSR 16·141-149 '60.

SALICYLIC ACID

Changes in the glutathione and ascorbic acid content of the blood and organs of guinea pigs and rabbits under the influence of streptomycin and paraaminosalicylic acid. V. P. Marin. Zdravookhranenie 2 no. 5:57-61 S-O '59.

Photometric determination of titanium in the form of a pyridine salicylate complex [with summary in English] A. K. Babko, O I Volkova. Dop AN URSR no 12 1336-1339 '59

SALINE WATERS—DEMINERALIZATION

Selecting methods for treating additional water in reverse flow cooling systems operated with sea water. N A Maltashevskii. Vod. i san tekh no. 1:20-24 Ja '60

SALINITY

(see also subdivision under Baltic Sea; Caspian Sea)

Changes in the salinity of water during the incubation of roe. F A Turdakov. Trudy Inst zool. i paraz AN Kir SSR no. 7:109-122 '59.

SALIVA

Enzymatic activity of saliva in dogs. I. A. Asiamova, I. S. Dmitrieva. Fiziol. zhur. SSSR 45 no. 7:876-879 Jl '59.

SALIVARY CALCULI see Calculi, Salivary

SALMON see subdivision under Black Sea; Yenisei River

SALMON—DISEASES AND PESTS see subdivision under Amur River

SALMONELLA

Clinical aspects and diagnosis of salmonellosis. A. F. Bilibin, A. F. Dvurechenskaia, L. M. Margorina. Sov. med. 23 no. 12:34-43 D '59.

SAL'SK DISTRICT—HORSE BREEDING

Forty years of the Budennyi Stud Farm. I. Chalenko, L. Tisenbaum, V. Shangin. Ekon. sel'khoz. 31 no. 1:94-100 Ja '60.

SAL'SK DISTRICT—PLANTS, PROTECTION OF

Collective farm organizers. K. G. Mikhailov Zashch rast ot vred i bol. 4 no. 3 14-15 My-Je '59

Plans for our region I E. Kolesnikov Zashch rast ot vred. i bol 4 no. 3·5-7 My-Je '59

SALT

(see also subdivision under Azerbaijan)

Agglomeration of latex particles under the influence of sodium chloride [with summary in English]. S. A. Selivanovskii, N. M. Ershova. Koll. zhur. 21 no. 6:686-691 N-D '59.

Rozen, B. IA. [Northern salt] Severnaia sol'. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1957. 133 p.

Simplified method for determining the potassium iodide in table salt by means of a new iodine reaction. L. N Lapin. Izv. AN Uz. SSR. Ser. med. no. 6:60-65 '59

Using S-413 type vibrators for salt hoppers in the Rybinsk harbor. E. M. Orlov. Rech. transp. 18 no. 12.45-46 D '59.

SALT—PURIFICATION

Continuous method of salt brine purification by the lime-sulfate-soda process V N. Aizenberg, M. V. Goncharova, M. E. Kuplichenko. Khim. nauka i prom 4 no. 5:684-685 '59.

SALT—SPECTRA

Mass spectrometric study of sodium chloride and lithium fluoride with the aid of a double effusion camera P A. Akishin, L N Gorokhov, L N Sidorov Zhur fiz khim 33 no 12·2822-2823 D '59

SALT CRYSTALS

Changes in the luminescence of NaCl crystals as a result of activation by nickel by the electrolysis method P.I. Shuraleva Izv vys ucheb zav fiz no 5 89-92 '59

SALT IN THE BODY

Influence of various food and drink regimens on the water and salt metabolism and blood at high temperatures E.S Makhmudov Izv AN Uz SSR Ser, med no 6,7-11 '59

SALT MINES AND MINING

Working conditions and health of salt mine workers [with summary in English] B Barbad and others Gig, i san 24 no,12·24-30 D '59

SALTS

(see also subdivision under Uzbekistan; Zhalauly, Lake)

Density, molar volumes, viscosity, electric conductivity, surface tension, and other properties of homogeneous fused salt systems N K Voskresenskaia Itogi nauki· Khim nauki 4·160-177 '59

Diffusion of salts in clays. V. A. Priklonskii, N, A. Oknina, Trudy Lab, gidrogeol probl. 22;41-45 '59.

Electromotive forces of chemical cells consisting of single fused salts. B.F. Markov. Rab. po khim. rastv, i kompl soed. no, 2·216-230 '59.

Fusibility of anhydrous salt systems. N. K. Voskresenskaia. Itogi nauki: Khim nauki 4;141-151 '59.

Phase equilibria in water-salt systems at high temperatures M I. Ravich Itogi nauki: Khim nauki 4·122-138 '59.

Physicochemical study of natural salts and water-salt systems of the sea water type. I. N. Lepeshkov, E. I. Luk'ianova Itogi nauki· Khim. nauki 4;62-91 '59

Salts of organic acids. Part 2: A ternary system. I. I. Il'iasov, A. G. Bergman. Zhur. ob. khim. 30 no. 4· 1075-1078 Ap '60.

Solubility of inorganic salts in organic solvents and their mixtures with water. I. S. Pekhtashev, S. A. Voznesenskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6: 827-833 '59.

Solubility of poorly soluble salts in aqueous solutions of electrolytes E. B. Shternina Itogi nauki; Khim. nauki 4·55-60 '59

Spontaneous crystallization of dissociated salts. V. B. Rationov, O. M. Todes Dokl, AN SSSR 132 no. 2;402-405 My '60.

Studies in the geochemistry of salts; geochemical diagrams of salt deposits. K. M, Feodot'ev. Trudy IGEM no. 20: 22-42 '59.

Thermodynamic properties of fused slats. N, K, Voskresenskaia. Itogi nauki· Khim nauki 4·152-159 '59.

Water-salt systems containing carbonates, bicarbonates, chlorides, sulfates, and alkali metal hydroxides. L. S Itkina, A I. Lazareva Itogi nauki: Khim. nauki 4:92-108 '59.

SALVAGE (WASTE, ETC.)

Extra help. S. IAkovlev. Prom. koop. 13 no, 12·34 D '59.

SALVES see Ointments

SAMARA BASIN—LAMELLIBRANCHIATA, FOSSIL

Fresh-water pelecypods in the Samara coal basin. V. V. Sergeev. Trudy Lab. geol. ugl. no. 9:253-277 '59.

SAMARA GOVERNMENT—HISTORY

Rossiiskaia sotsial-demokraticheskaia rabochaia partiia. Samarskii komitet. [Leaflets and proclamations of the Samara Committee of the Russian Social Democratic Party] Listovki i proklamatsii Samarskogo komiteta RSDRP(b) 1902-1917. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 651 p.
(MIi)

SAMARIUM

Complex compounds of trihydroxyglutaric acid with cerium, neodymium, and samarium. N. K. Davidenko. Zhur. neorg. khim. 4 no. 11:2469-2475 N '59.

SAMARKAND—REVOLUTION, 1917-1921

History of a monument erected in Samarkand in commemoration of the Great October victory. G. V. Popov. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4· 47-52 '58.

SAMARKAND—WAR MEMORIALS

History of a monument erected in Samarkand in commemoration of the Great October victory. G. V. Popov. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4: 47-52 '58.

SAMARKAND PROVINCE—BEES

Role of honey and solitary wild bees in pollinating alfalfa. M. Rasulov. Dokl. AN Uz. SSR no. 11:57-59 '59.

SAMBU, JAMSARANGYIN, 1895-

People and events: Jamsarangyin Sambu Nov. vrem 18 no. 17:31 Ap '60

SAMIILENKO, VOLODYMYR, 1864-1925

Volodymyr Samiilenko's letters to Mykhailo Kotsiubyns'kyi. Submitted by O. K. Babyshkin. Rad. lit. no. 6. 135-137 N-D '59.

SAMOILOV, ANDREI VASIL'EVICH, 1790-1859

Self-taught mechanic, Andrei Vasil'evich Samoilov. Z. K. Novokshanova. Trudy Inst. ist. est. i tekh. 25,263-269 '59.

SAMOILOV, D.

Happiness of a craft ("Neighboring countries"; verse by D Samoilov Reviewed by S. Polikarpov). Moskva 3 no. 10 211-212 '59.

SAMOYEDS see subdivision under Yamal-Nenets National Area

SAMOZVANKA VALLEY—ZEOLITES

Zeolitization of tuffaceous sandstones of the Berezovskiy series M N. Il'inskaia Dokl AN SSSR 132 no 1 185-187 My '60

SAMPLING (STATISTICS)

Sequential method for the statistical evaluation of the average price of an item where dispersion in the batch is unknown. IA M. Benderskii. Dokl. AN Uz. SSR no. 11·3-5 '59.

SANATORIUMS see subdivision under Nesvizh; Smola District

SAND

Akademiia stroitel'stva i arkhitektury SSSR, Moscow. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Using hydraulic classifiers in fractionating sand and removing clayey particles] Fraktsionirovanie peskov i udalenie iz nikh glinistykh chastits pri pomoshchi gidravlicheskikh klassifikatorov. Moskva, Gosstroiizdat, 1960. 35 p.

Conference on using fine sands in making concrete. V. I. Idashkin Gidr. stroi. 29 no 12·58-59 D '59.

Controlling sand in wells without raising inserted deep well pumps S Markarov. Neftianik 4 no 12·10 D '59.

Determining the amount of gases in saturated sands by the method of freezing. IA. L. Kogan. Gidr. stroi. 28 no. 2,46-48 F '59.

Efficient sand control method. B B. Kruman, V V. Agavelova. Neftianik 4 no 9 10-13 S '59

New method for controlling sand clogging of wells. G. G. Gadzhiev, E. G. Iskenderov. Neftianik 3 no. 9:9-11 S '58.

Settling of sand when a flowing well is shut off. A D. Amirov, N A Gukasov, A F. Kasimov. Izv. vys ucheb. zav., neft' i gaz 2 no. 11·61-65 '59

SAND, FOUNDRY

Automatic control of the discarding of waste mixtures from the knockout grate on conveyers P. D Adaev, IA V. Zeleranskii, M V. Khvostov Lit. proizv. no. 12 37-38 D '59

SAND, FOUNDRY—ADDITIVES

Effect of ramming on the durability of the molding mixture with the SB binder. N D. Egorkina. Lit proizv. no. 12 31-32 D '59

SAND, FOUNDRY—CLEANING

Cleaning used mixtures from metal inclusions. V. A. Shcherbina. Lit. proizv. no. 12;42 D '59.

SAND, FOUNDRY—STANDARDS

Supplements to State Standard 2189-52 and State Standard 3594-47. E. V. Shleier, A. I. Chervochinskaia. Standartizatsiia 23 no. 11:20 N '59.

SAND AND GRAVEL PLANTS

(see also subdivision under Priozersk District)

"Gravel production" by L. B. Levenson, G. M. Kiluev. Reviewed by V. A. Bauman. Mekh. stroi. 17 no. 1:30-32 Ja '60.

SAND BARS see subdivision under Baltic Sea; Black Sea

SANGAR REGION—FERNS, FOSSIL

Horsetails and ferns from coal-bearing deposits of the Sangar region (Lena coal basin). N. D. Vasilevskaia. Sbor. st. po paleont. i biostrat. no. 12:50-73 '58.

SANGAR REGION—GYMNOSPERMS, FOSSIL

Gymnosperms from Carboniferous deposits of the Sangar region (Lena coal basin). N. D. Vasilevskaia. Sbor. st. po paleont. i biostrat. no. 15:56-68 '59.

SANGAR REGION—HORSETAIL, FOSSIL

Horsetails and ferns from coal-bearing deposits of the Sangar region (Lena coal basin). N. D. Vasilevskaia. Sbor. st. po paleont. i biostrat. no. 12:50-73 '58.

SANITARY ENGINEERING

New spatial sanitary-engineering unit. K. I. Zaverskii, N. I. Volkov. Biul. tekh inform po stroi. 5 no. 12:15-16 '59.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITATION

(see also subdivision under Kara Kum Canal)

Basic problems and trends of scientific studies on the hygiene of residential areas during 1959-1965 N N Litvinov Gig i san 24 no 11 3-8 N '59

Interprovince conference in Tomsk, February 24-26, 1959 A P Gerasimenko Gig i san 24 no 11 80-82 N '59

SAPONIFICATION

Saponification of esters of isoborneol with aqueous alkali Report No 4 V A Vyrodov Izv vys. ucheb zav, les zhur. 2 no 5 143-149 '59

Saponification of esters of isoborneol with aqueous alkali, 5th report V A. Vyrodov Izv vys ucheb zav, les zhur 2 no. 6 132-138 '59.

SAPONINS

Preliminary chemical investigation of Aralia mandshurica roots. N. K. Kochetkov and others. Izv. AN SSSR Otd. khim. nauk. no. 3·568-569 '60.

SAPROPELS

Investigation of so-called humic acids from fresh-water sapropels. N M. Karavaev, N F Budiak Dokl AN SSSR 132 no 1 192-194 My '60

SARATOV—AERONAUTICS

At the takeoff. V. Siniavskii. Kryl. rod. 10 no. 12:12 D '59.

SARATOV—EDUCATIONAL RESEARCH

Cooperation of a department of education with teachers. K. A. Aseeva. Sov. pedag. 24 no. 1:151-156 Ja '60.

SARATOV—LAWYERS

An attorney at law and his defenders. M. Maksimov. Sots. zakon. 36 no. 12:52-53 D '59.

SARATOV—MOTION-PICTURE PROJECTION

Important school course. A. Sidorov. Kinomekhanik no. 12:19 D '59.

SARATOV—OILS AND FATS

Cleavage of fats by the spray process. R. I. Spirov. Masl.-zhir. prom. 26 no. 1:24-27 Ja '60.

SARATOV—PETROLEUM—REFINING

Good reputation and merited authority. S Liantaman. Sov. kras krest 9 no 6 9 N-D '59

SARATOV—RAILROADS—SNOW PROTECTION AND REMOVAL

Suggestions should be put into practice V. V. Bobuteidze *Put' i put. khoz* no. 11·20 N '59

SARATOV PROVINCE—AGRICULTURE

Relations between collective farms for promotion of production A. P. Bochkarev. Sel'khoz. Povol. 5 no. 11: 7-11 N '59.

SARATOV PROVINCE—CEMENT PLANTS

Reconstruction of the "Bol'shevik" Cement Plant. N. G. Kazhlaev. Prom. stroi. 37 no. 12;15-18 D '59.

SARATOV PROVINCE—LABOR AND LABORING CLASSES—DWELLINGS

Workers' village on wheels. Neftianik 3 no. 10:33 O '58.

SARATOV PROVINCE—OIL WELL DRILLING

Caving control. O. P. Moldavskii, N. I. Drobyshevskaia. Neftianik 3 no. 9·8-9 S '58.

SARATOV PROVINCE—PETROLEUM GEOLOGY

Factors governing the formation of oil and gas pools in Paleozoic sediments in the nearer trans-Volga portion of Saratov Province. S. P. Maksimov, A. I. Ivanov, V. A. Kirov. Geol. nefti i gaza 3 no. 12:1-8 D '59.

SARNY DISTRICT—FORESTS AND FORESTRY

Forestry of the collective farm. K. T. IEvtushenko. Kolh. Ukr. 6 no. 12:40 D '59.

SATELLITES

Dark satellite of 61 Cygni [with summary in English]. A. N. Deich Izv. GAO 21 no. 1:62-82 '57.

SATELLITES—MARS

Riddle of Mars' satellites. V. A. Bronshten. Nauka i zhizn' 26 no. 12:34-39 D '59.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

Important subjects for Soviet satire. M. Semenov. Sov. pech no. 12 57-58 D '59.

SATIRE, GERMAN
Language style as a means of expressing satire; based on 19th and 20th century popular literature V A Solov'ian Uch. zap MGPIIIA 19 325-358 '59.

SATIRE, UKRAINIAN
Nud'ha, H. A., comp. [Ukrainian folk satire and humor] Ukrains'ka narodna satyra i humor. Vyd. 2., dop. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 281 p.
(MH)

SATIRE, UZBEK—PERIODICALS
The gibe of "Mushtum " Akmal' Pulat. Agitator no. 23· 34-35 D '59

SAUCES
White sauce. A. Anan'ev. Obshchestv. pit. no. 10:18-19 O '59.

SAUDI ARABIA—EDUCATION
Saudi Arabia. Vsem stud nov 13 no 12·13-14 D '59.

SAUMALKOL', LAKE—PHYSICAL GEOGRAPHY
Lake Saumalkol' of Ayrtauskiy District, Kokchetav Province. T. M. Trifonova. Trudy Sekt. geog. AN Kazakh. SSR no. 5·133-151 '59.

SAUREL
Systematic position of Trachurus lacerta (Pallas). A. N. Svetovidov Vop. ikht. no 12·8-18 '59

SAUSAGES
(see also subdivision under Kherson, Moscow)
GSh-65 hydraulic stuffer needs modernizing B Sterligov, I Lagosha Mias ind SSSR 30 no 6 15 '59
Innovations in the mechanization of sausage manufacture. S. Livshits, A Maksimov, A. Gorbatov. Mias. ind. SSSR 30 no 2·8-11 '59
Mechanization of the transportation of the raw product within one-story sausage factories N Gurari Mias ind SSSR 30 no 6 7-10 '59

SAVINGS BANKS
A needed album ("Album of visual aids for the authentication of savings bank operations" by A. P. Nikitskii. Reviewed by M. Lazunov) Fin. SSSR 21 no. 4,87 Ap '60.

SAVORY see subdivisionunder Azerbaijan

SAVRASOV, ALEKSEI KONDRAT'EVICH, 1830-1897
Savrasov, A. K. [Aleksei Kondrat'evich Savrasov; an album of reproductions] Aleksei Kondrat'evich Savrasov; al'bom reproduktsii. Moskva, Gos. izd-vo izd-vo izobraz. iskus., 1956. 13 p.
(KU)

SAWMILLS
Indices of the concentration of the sawmilling industry N A Antropov Izv vys ucheb zav , les zhur 2 no 5 136-142 '59

SAWS
Effect of initial stresses from peening and from uneven heating on the frequency of free oscillations in rotating circular saws G A. Zhodzishskii. Trudy LTA no. 83; 237-253 '59.
Effect of initial stresses on the stability of plane equilibrium of the circular saw blade. G.S.Gurkin Trudy LTA no. 83·255-268 '59.
Modernizing the feeding mechanism of gang saws. M. D El'deshtein Les prom 37 no 12 19-20 D '59.
New shielding device for circular saws I. F Khanin. Les prom 37 no 12 20-21 D '59.
Parameters for the log bucking and sorting unit G M Vasil'ev, N V. Livshits Izv vys. ucheb. zav , les zhur 2 no 5 98-105 '59
Resistance of gang saws to sawing. S. M. Khasdan. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2;160-166 '59.

SAYAN MOUNTAINS—GEOLOGY
Down the river of unexpected discoveries. IU. Dzinkas Vokrug sveta no. 1,11-15 Ja '60.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Akademiia nauk SSSR. Geologicheskii institut. [Areal geology of the U. S. S. R.] Regional'naia stratigrafiia SSSR. Glav. red. N. S. Shatskii. Moskva.
Vol 4. Khomentovskii V. V., M. A. Semikhatov, and L. N. Repina. [Pre-Cambrian stratigraphy and lower Paleozoic sediments of the western part of the Eastern Sayan Mountains] Stratigrafiia dokembriiskikh i nizhnepaleozoiskikh otlozhenii zapadnoi chasti Vostochnogo Saiana.
Repina, L. N. [Lower and middle Cambrian trilobite complexes in the western part of the Sayan Mountains] Kompleksy trilobitov nizhnego i srednego kembriia zapadnoi chasti Vostochnogo Saiana. 1960. 235 p.
Unconformity between the Cambrian and Pre-Cambrian in the northwestern part of the Eastern Sayan Mountains. K. V Radugin Izv. vys. ucheb. zav., geol i razv 2 no. 8;145-146 Ag '59.

SAYAN MOUNTAINS—TRILOBITES
Akademiia nauk SSSR. Geologicheskii institut. [Areal geology of the U. S. S. R.] Regional'naia stratigrafiia SSSR. Glav. red. N. S. Shatskii. Moskva.
Vol. 4. Khomentovskii V. V., M. A. Semikhatov, and L. N. Repina. [Pre-Cambrian stratigraphy and lower Paleozoic sediments of the western part of the Eastern Sayan Mountains] Stratigrafiia dokembriiskikh i nizhnepaleozoiskikh otlozhenii zapadnoi chasti Vostochnogo Saiana.
Repina, L. N. [Lower and middle Cambrian trilobite complexes in the western part of the Sayan Mountains] Kompleksy trilobitov nizhnego i srednego kembriia zapadnoi chasti Vostochnogo Saiana. 1960. 235 p.

SCAFFOLDING
Reusable casings and supporting scaffolding for monolithic reinforced concrete construction elements. Biul. tekh. inform. po stroi. 5 no. 12 27-29 '59.
Shipyard scaffolding; Gunboat Repair Yard. IU. IUrga. Inform. sbor. TSNIIMF no 26:88-99 '58.

SCALE INSECTS see subdivision under Soviet Central Asia

SCALE INSECTS—DISEASES AND PESTS see subdivision under Tajikistan

SCANDIUM—ANALYSIS
Complexometric determination of scandium. B. S. TSyvina, O V. Kon'kova. Zav. lab. 25 no. 12:1430-1435 '59.
Determining and isolating scandium by means of n-benzoylphenylhydroxylamine. I. P. Alimarin, Chein Yun-Hsiang Zav. lab. 25 no. 12;1435-1437 '59

SCANDIUM—SPECTRA
Determining relative of values for ScI and ScII [with summary in English]. L. A. Mitrofanova. Izv. GAO 21 no. 3 159-161 '58.
Quantitative spectrographic determination of beryllium and scandium in products of the treatment of beryllium-bearing ores. L. E. Naimark, P. N. Chalykh, A. Shokanov. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1· 85-89 '59.

SCAPULA—SURGERY
New modification of the operation used in congenital elevated scapula in children S D. Ternovskii. Ortop., travm. i protez 20 no. 1 3-6 Ap '59

SCARABAEIDAE
Medvedev, S. I. [Lamellicorns (Scarabaeidae); subfamilies, Euchirinae, Dynastinae, Glaphyrinae, Trichiinae] Plastinchatousye (Scarabaeidae). Podsem. Euchirinae, Dynastinae, Glaphyrinae, Trichiinae. Moskva, Izd-vo Akad. nauk SSSR, 1960. 307 p. (Fauna SSSR, no. 74)

SCENE PAINTING
Honor of a profession. E. Lutskaia. Iskusstvo 22 no. 10: 39-41 '59.

SCHEELITE
(see also subdivision under Gumbeyka region, Ural Mountains)
Increasing the secondary concentration of scheelite and powellite. S F Kuz'kin, I. I Berlinskii Izv. vys. ucheb. zav., tsvet. met 2 no. 6:52-58 '59.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805
F. Schiller in Ukrainian translations. N. I. Sluchovs'ka. Rad. lit. no. 6:149-154 N-D '59.
Friedrich Schiller. N. Mikhal'skaia. Lit. v shkole 20 no. 6,83-85 N-D '59.
Schiller finds freedom. Lev Ginzburg. Moskva 3 no. 11:176-188 '59.

SCHISANDRA see subdivision under Ukraine

SCHIZOPHRENIA
Changes in the electric potentials of the skin in healthy persons and schizophrenia patients at high altitudes [with summary in English] H. P. Zakharevych and others. Fiziol. zhur [Ukr.] 5 no 6:828-833 N-D '59.
Effectiveness of aminazin therapy in various forms of schizophrenia. M. V. Stupochenko. Zhur. nerv. i psikh. 59 no. 12;1489-1493 '59.
Malis, G. IU. [Etiology of schizophrenia] K etiologii shizofrenii. Moskva, Gos. izd-vo med. lit-ry, 1959. 223 p.
(DNLM)
Problems in the forensic psychiatrical evaluation of remissions in schizophrenia. N. M. Zharikov. Sud.-med. ekspert. 2 no. 3;43-46 Jl-S '59.

SCHOOL AND COMMUNITY see Community and school

SCHOOL CHILDREN
Changes in reactive brain potentials in school children after 5-6 hours of mental work. G. N. Speranskii, IU. M. Pratusevich, N. N. Korzh. Dokl. AN SSSR no. 6; 1472-1475 Ap '60.

SCHOOL CHILDREN—FOOD see subdivision under Liubertsy

SCHOOL DISCIPLINE
Role of grade supervisers in inculcating the principles of the "Rules for students." T. Karotkina. Sov. shkola no. 6;24-30 N-D '59.
Some methods of developing voluntary discipline in the pupils of lower grades. M. Mialeshka Sov. shkola no. 6;35-40 N-D '59.

SCHOOL EXCURSIONS
(see also subdivision under Belaya Valley, Amur Province)
Through overgrown paths along foaming streams. M. Denisov. Nar. obr. no. 5:105-112 My '60.

SCHOOL HYGIENE
(see also subdivision under Ukraine)
Our younger generation must be healthy N Kort [illegible] kras. krest 9 no. 6 10 N-D '59.

SCHOOL LUNCHROOMS, CAFETERIAS, ETC see subdivision under Chelyabinsk

SCHOOL MANAGEMENT AND ORGANIZATION
Individual initiative in construction and the role of the school supervisor. A. Mishchenko. Nar. obr. no. 5 30-31 My '60.

SCHOOL SUPERINTENDENTS AND PRINCIPALS
(see also subdivision under Ukraine)
Improving the training of directing personnel. A. Far[illegible]. Nar. obr. no. 5:26-27 My '60.

SCHOOL SUPERVISION
Some thoughts on school supervision. N. Mrezhin. Nar. obr. no. 5:28-29 My '60.

SCHOOLHOUSES
(see also subdivision under Czechoslovakia; Ukraine)
Designs of schoolbuildings for eight-year schools. K. Frenkel', G. Madern. Arkhit. SSSR no. 12 18 21 '59
Individual initiative in construction and the role of the school supervisor. A. Mishchenko. Nar. obr. no. 5 30-31 My '60.
New suggestions on planning and designing school [illegible] G. Pisarevskii. Arkhit. i stroi. Mosk. 8 no. 12,23 [illegible] D '59.

SCHOOLHOUSES—MAINTENANCE AND REPAIR see subdivision under Syktyvkar

SCHOOLS see subdivision under Safronovo

SCIENCE
(see also subdivision under China; Mexico; Russia, Northwestern)
Energies of all Soviet scientists directed toward the struggle for technical progress, for further developments in science Ukr fiz zhur 4 no 4 413 414 Jl-Ag '59
Learn the new technology, master the knowledge. Znanie-sila 34 no. 11·p. 1 of cover-1 N '59.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES
Ninth International Congress on the History of Science. A. T. Grigor'ian, V. P. Zubov. Vest. ist. mir. kul't no. 6:144-147 N-D '59.

SCIENCE—INTERNATIONAL COOPERATION
Plan for cooperation between the Academies of Sciences of the U. S. S. R. and of China in 1960. Vest. AN SSSR 30 no. 4:135-136 Ap '60.

SCIENCE—METHODOLOGY
Axiomatic and intrinsic methods in science. A. A Fr[illegible] Uch. zap. MGZPI no. 4,203-242 '59.

SCIENCE—MISCELLANEA
Problems, discoveries, facts. Ogonek 38 no. 3·21 Ja '60.

SCIENCE—PERIODICALS
"New orient," a new illustrated popular science journal. Vest. AN SSSR 30 no. 4;137 Ap '60.

SCIENCE—PHILOSOPHY
"Materialism and empiriocriticism" and the struggle against revisionism and idealism in natural sciences. E. A. Kurazhovskaia. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2;3-11 '59.
Philosophy seminars in scientific institutions within the academy. L. Karassov. Vest. AN Kazakh. SSR 15 no. 12,102-103 D '59.
"Some philosophical problems in present-day natural sciences." Reviewed by S. A. IUr'ev. Vop. filos. 14 no. 4;170-171 '60.
The spirit of the Marxist-Leninist philosophy lives in Sputniks and rockets. M. B Mitin. Tekh mol 27 no 12·6-7 '59

SCIENCE—POPULAR WORKS
Knowledge for everyone! Nauka i zhyttia 9 no. 12:1-4 D '59.
Skillful popularization of science V Bilai Nauka i zhyttia 8 no 10 60-61 O '58

SCIENCE FICTION
[Hundred parsec road; science fiction novels and stories] Doroga v sto parsekov, nauchno-fantasticheskie povesti i rasskazy. [Kiev] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 283 p.
"Reports from the future" by A. Agranovskii. Reviewed by A. Romanovskaia. IUn. tekh. 4 no.12:29 D '59.
Research on a new topic D Bezrukova. Iskusstvo 22 no 12 23-26 '59
Something new in an old genre. A. Filimonov. Isk. kino no 11.81-84 N '59

SCIENCE FICTION—BIBLIOGRAPHY see Bibliography—Science fiction

SCINTILLATION COUNTERS
Automatic scintillation counter for investigating the wear of mechanisms, K. N. Magarik, S. S. Nikol'skii. Zav. lab. 25 no 12;1512-1515 '59.
Plastic scintillation detectors for gamma radiation. N. K. Pereiaslova. Prib i tekh eksp. no. 6:45-47 N-D '59
Use of scintillation counters in gamma-ray measurements V E Nesterov Atom energ 8 no 5 461-463 My '60

SCISSORS AND SHEARS
Hand shears for cutting metals. V. E. Polotskii. Standartizatsiia 23 no. 12:45 D '59

SCLERA—SURGERY
Experimental study of surgical treatment of cut wounds of the sclera in the area of the ciliary body [with summary in English]. P G Krasnikov Oft zhur. 14 no. 8:488-493 '59

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCOTLAND—RELATIONS (GENERAL) WITH RUSSIA
"To this country belongs the future"; Scotch miners' comments on a visit to the Soviet Union. Mast. ugl. 8 no 2;27 F '59.

SCRAP METALS
Advantage of using scrap metal in the converter process, S. G. Afanas'ev, B. E. Gurevich. Metallurg 4 no. 12: 16-18 D '59.

SCRAPERS
A follow-up on published materials. Mekh. stroi. 17 no. 1:3 of cover Ja '60.

SCREW CUTTING
Changing dimensions of flat threading dies for increasing the precision of rolling fine threads. V. G. Deineko. Priborostroenie no. 12:17-18 D '59.
Manufacturing large screws. V. I. Markitanov. Mashinostroitel' no. 1:23 Ja '60.

SCREW-CUTTING MACHINES
The IZh-250-type small screw-cutting lathe. L. S. Sidorov. Biul. tekh.-ekon. inform. no. 12;21-22 '59.
The NR-5-type automatic thread rolling machine. M. IA. Kobylinskii. Biul. tekh.-ekon. inform. no. 12;24-26 '59.
The NR-10-type automatic thread rolling machines. S. B. Vainshtein. Biul. tekh.-ekon. inform. no. 12;26-28 '59.

SCREW THREADS
Piskorskii, G. A., and A. N. Rabinovich [Instruments for checking cylindrical threads] Pribory dlia kontrolia tsilindricheskikh rez'b. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 117 p.

SCREW THREADS, STANDARD
Tolerances for metric threads. V. D. Nesterov. Standartizatsiia 23 no. 11:42-43 N '59.

SCREWS
AKB-3 keys for screwing and unscrewing pipes. A. S. Dvoretskii Neftianik 4 no. 11:20-21 N '59
Automatic machine for assembling bolts and screws with washers. V. G. Palatko. Mekh. i avtom. proizv. 13 no. 12;41-42 D '59.
Keys invented by engineer A. A. Khalilov, M. I. Lalaev. Neftianik 3 no. 10:21-22 O '58.

SCULPTURE, ANCIENT see subdivision under Mil'skaya Steppe

SCULPTURE, RENAISSANCE—CONSERVATION AND RESTORATION see subdivision under Leningrad

SCYTHIAN LANGUAGES see Altaic languages

SEA LILLIES, FOSSIL see subdivision under Shing Valley

SEA URCHINS—PARASITES see Parasites—Sea urchins

SEA WATER—BACTERIOLOGY
"Marine (deep-sea) microbiology" by A. E. Kriss. Reviewed by N. A. Krasil'nikov. Mikrobiologiia 28 no. 6: 944-948 N-D '59.

SEA WATER—COMPOSITION
Geochemical origin of iron contained in sea water. V. V. Mokievskaia. Trudy Inst. Okean. no. 33:114-125 '59

SEA WATER—OXYGEN CONTENT
Origin of the layer of oxygen minimum and characteristics of its position in the ocean. D. A Smetanin. Trudy Inst. Okean. no. 33:3-42 '59.

SEALING (TECHNOLOGY)
The GK hydraulic sealing machine. Ryb. khoz. 35 no. 10: 89-90 O '59.

SEALS (ANIMALS)—PARASITES see Parasites—Seals (Animals)

SEASHORE
Characteristics of the development of aeolian accumulations on the seashore. V G. Ul'st. Trudy Okean. kom. no. 4:91-100 '59.

SEASHORE BIOLOGY see subdivision under Black Sea

SEAWEED
New method of prophylaxis of endemic goiter in the Maritime Territory G P. Gurevich. Vrach delo no 11 1205-1207 N '59

SEBEBRIISKII, IOSIF IAKOVLEVICH, 1890-
Professor Iosif IAkovlevich Serebriiskii. Vop. okh. mat. i det. 4 no. 6:82 N-D '59.

SECONDARY ELECTRON EMISSION
Kinetics of the motion of electrons in secondary emission. Part 1 [with summary in English]. M. H. Nakhodkin, V O. Romanovs'kyi Ukr. fiz zhur 4 no 4 479-490 Jl-Ag '59.
Secondary electron emission from Al_2O_3. M. M. Kozlovskii Sbor stud nauch rab. LEIS no 1.32-13 '59.

SECONDARY RECOVERY OF OIL
(see also subdivision under Koshkar region)
Behavior and interference of injection wells. G. P. Guseinov Dokl. AN Azerb. SSR 15 no 12:1097-1101 '59.

SECRET POLICE
Sofinov, P. G. [Outline history of the All-Russian Extraordinary Commission, 1917-1922] Ocherki istorii Vserossiiskoi Chrezvychainoi komissii, 1917-1922 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 247 p.

SECTS see subdivision under Dvadtsati Vos'mi Gvardeytsev District

SECURITIES see subdivision under United States

SEDGES
(see also subdivision under Moscow Province)
Comparative study on the heat resistance of protoplasm of sedges from low-grass semisavannas and mountain meadows. L. G. Bregetova. Izv. Otd est. nauk AN Tadzh. SSR no. 3:3-8 '58.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION ANALYSIS
Influence of solvent ions on the processes of deposition of poorly soluble salts [with summary in German]. N. Kushova-Markova. Koll. zhur. 21 no. 6:664-669 N-D '59.
Photographic method for recording the sedimentation process. V. V. Vol'khin, V. L. Zolotavin. Zav. lab. 25 no. 12;1532-1533 '59.
Restricted fall of spherical particles. A. M. Gasparian, A. A. Zaminian. Trudy Inst. khim. AN Azerb. SSR 17: 108-113 '59.

SEDIMENTATION AND DEPOSITION
Deposits formed during the construction of foundation pits of the Stalingrad Hydroelectric Power Station by hydromechanical methods. G. K. Bondarik. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9.108-110 S '59.
Settling of sand when a flowing well is shut off. A. D Amirov, N. A. Gukasov, A. F. Kasimov. Izv. vys. ucheb. zav., neft' i gaz 2 no. 11:61-65 '59

SEDIMENTS (GEOLOGY) see subdivision under Baikal, Lake; Yakutia

SEED INDUSTRY see subdivision under Vinnitsa

SEED POTATOES
Effect of growing conditions on the seed quality of potatoes. M. P. Zhirokozhukhova. Agrobiologiia no. 6;929-931 N-D '59.

SEED PRODUCTION
State of the production of flower seeds and measures for its improvement in the R. S. F. S. R V. V. Vakulenko. Trudy Bot. Inst. Ser. 6 no. 7:415-418 '59.

SEEDS
Antibiotic substances in plant seeds. A. V. Tul'chinskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 2:162-166 '60.
Reduce the procurement costs of conifer seeds. G. T. Rumiantsev Les khoz. 12 no 12:60 D '59.
Seed quality requirments of wild perennial forage grasses. M. A. Filimonov. Trudy Bot. Inst Ser. 6 no. 7:240-253 '59.
Speeding up the stratification of seeds and improving the quality of seedlings in the southern Ukraine. S I. Nazarenko. Izv vys ucheb. zav., les zhur 2 no 5 39-40 '59
Stratification of fruit seeds. F. I. Omorokov, E. F. Timoshenko, M I. Lazukov Sad i og. 97 no. 11:72-73 N '59
Stratification of seeds. A. N. Ven'iaminov, L. A. Dolmatova. Sad i og. 97 no. 11:16-49 N '59

SEEDS—GRADING
Intensity of seed separation along the grading cylinder. M. E Karlov. Trakt. i sel'khozmash. no. 1:24-26 Ja '60.
Selecting seeds on the basis of specific weight N I. Slobodianik Sad i og 97 no 12 13-16 D '59

SEEDS—INSPECTION
Varshalovich, A. A. [Manual for roentgenographic entomological examination of quarantinable seeds] Rukovodstvo po karantinnoi entomologicheskoi ekspertize semian metodom rentgenografii. Moskva, Izd-vo M-va sel'khoz. SSSR, 1958. 92 p.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING
Bogdanov, A. I. [Interpretation of seismic hodographs] Interpretatsiia seismicheskikh godografov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi literry, 1960. 288 p.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES
Jet drilling of seismic wells by means of M-600 motor pumps. A. P. Artem'ev, IU M Shevchenko. Neftianik 4 no. 11:6-7 N '59.

SEISMIC WAVES
Characteristics of seismic waves in media with vertical interfaces (according to model studies). V. V. Kun. Izv. AN SSSR. Ser. geofiz. no. 5:658-670 My '60.
Determination of energy in elastic waves generated by earthquakes. E. F. Savarenskii, N. V. Kondorskaia, V. I. Bolotelov. Izv. AN SSSR. Ser. geofiz. no. 5:633-643 My '60.
Determining the energy in seismic waves of arbitrary form. S. IA. Kogan. Izv. AN SSSR. Ser. geofiz. no. 5: 644-652 My '60.
Dispersion of Love surface waves in a two-layered medium. N. V. Zvolinskii Trudy Inst. geofiz. AN Gruz SSR 17:121-137 '58
Relative intensity of refracted waves propagating in media with vertical interfaces. G. N. Porilskaia, V. V. Kun. Izv. AN SSSR. Ser. geofiz. no. 5:725-732 My '60.
Using the sound measuring method to evaluate the stressed state of a massif. V. D. Palii. Izv. vys. ucheb. zav.; gor. zhur. no. 2 34-43 '59.

SEISMIC WAVES—SPECTRA
Possibility of using spectrum analysis of seismic waves in the interference zone [with summary in English]. M. IA. Gryn'. Dop. AN URSR no. 10:1086-1090 '59.

SEISMOLOGY see subdivision under Apsheron Peninsula

SEISMOLOGY—OBSERVATIONS
(see also subdivision under Akhalkalaki region; Georgia)
Seismic surveying of river beds in winter. V. N. Nikitin. Razved. i prom. geofiz. no. 31:22-29 '59.

SEISMOMETRY
(see also subdivision under Stalinabad)
Angle of emergence of longitudinal waves in deep-focus earthquakes of Afghanistan. V. N. Gaiskii, Z. Abdurashitova. Trudy AN Tadzh. SSR 94:83-90 '58.
Azimuths and angles of seismic radiation recorded during the earthquakes of April 24 and 25, 1957. E. F. Savarenskii, I. V. Aivazov. Trudy Inst. geofiz. AN Gruz SSR 17 177-184 '58.
Certain difficulties met with in the construction of spatial dynamic hodographs. A. V. Kozlov. Trudy AN Tadzh. SSR 94:63-81 '58.
Computing stresses acting in earthquake foci by observation data of seismic stations. A. V. Vvedenskaia. Izv. AN SSSR. Ser. geofiz. no. 4;513-519 Ap '60.
Determining the elements of a seismic ray by the data of a single station. G. D. Panasenko. Izv. AN SSSR. Ser. geofiz. no. 4;548-556 Ap '60.
Use of magnetic modulators and resonance amplifiers in apparatus recording the energy flow of seismic waves. A. V. Rykov. Izv. AN SSSR. Ser. geofiz. no. 5: 746-750 My '60.

SELENIUM
(see also subdivision under Fergana)
Influence of impurities on the effect of a strong field in selenium rectifiers. G. B. Abdullaev, M. G. Aliev, I. Kh. Geller. Fiz. tver. tela 1 no. 11:1670-1675 N '59.
The recovery of selenium from spent sludge in the manufacture of sulfuric acid. V. D. Ponomarev, E. A. Buketov, G. A. Kononenko. Izv. vys. ucheb. zav.; tsvet. met. 2 no. 6:85-92 '59
Removal of some impurities from selenium by the use of iron hydroxide. V. I. Plotnikov. Khim. nauka i prom. 4 no. 5:676-677 '59
Selenium. A. M. Holub, K. A. Khamarchuk. Nauka i zhyttia 8 no. 10:13-15 O '58

SELENIUM—THERMAL PROPERTIES
Effect of small quantities of tin and bismuth on the thermal conductivity of selenium. N. A. Aliev, N. I. Dragunov. Fiz. tver. tela 1 no. 11:1668-1669 N '59

SELF-GOVERNMENT (IN EDUCATION)
Interrelation of organs of Pioneer and student self-government in eight-year schools. V. S. Khrushchin. Sov. pedag. 23 no. 12:124-131 D '59.

SEMANTICS (PHILOSOPHY)
Brutian, G. A. [Theory of knowledge of general semantics; a critical analysis] Teoriia poznaniia obshchei semantiki, kriticheskii analiz. Erevan, Izd-vo Akad. nauk Armian. SSR, 1959. 310 p.
(CSt-H)
Philosophical exercises of a mathematical idealist. B. Lobovik. Komun. Ukr. 35 no. 11:43-53 N '59

SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-1949
Session devoted to the tenth anniversary of the death of N. A. Semashko. Sov. zdrav. 18 no. 12:49-50 '59.
Shabanov, A. N. Nikolai Aleksandrovich Semashko. Moskva, Izd. In-ta sanitarnogo prosv., 1952. 47 p. (Deiateli sovetskogo zdravookhraneniia)
(DNLM)

SEMEN
Alternating the feeding of male breeding stock. V. K. Milovanov, M. V. Sytina, V. G. Kalashnikova. Dokl. Akad. sel'khoz. 24 no. 12:28-32 '59

SEMENOV, LEONID PETROVICH, 1886-1959
L. P. Semenov, obituary. E. I. Krupnov. Sov. arkheol. no. 4:331-334 '59

SEMENOV-TIAN-SHANSKII, VLADIMIR VENIAMINOVICH, 1899-
Sixtieth birthday of Professor Vladimir Veniaminovich Semenov-Tian-Shanskii. Sudostroenie 25 no. 12:74 D '59.

SEMICARBAZIDE
Complex compounds of platinum with thiosemicarbazide. V. I. Batkovskii. Zhur. neorg. khim. 4 no. 11:2486-2490 N '59.

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS
Adiabatic, galvanic and thermomagnetic phenomena in semiconductors. Part 2: Mixed conductivity. V. E. Vzdornov, I. M. Tsidil'kovskii. Fiz. met. i metalloved. 8 no. 5:671-677 N '59.
Calculating volume lifetime and surface recombination rate of current carriers. V. N. Dobrovol'skii, V. G. Litovchenko. Prib. i tekh. eksp. no. 6:78-80 N-D '59.
Capture cross sections for electrons and holes in nickel and germanium atoms. S. G. Kalashnikov, K. P. Tissen. Fiz. tver. tela 1 no. 11:1754-1757 N '59.
Investigating current noises in semiconductors. D. N. Mirlin, L. S. Sochava. Prib. i tekh. eksp. no. 6:75-77 N-D '59.
Investigating the kinetics of photoelectric processes in semiconductors. V. A. Romanov. Prib. i tekh. eksp. no. 6:70-74 N-D '59.
Kinetic theory of impact ionization in semiconductors [with summary in English]. L. V. Keldysh. Zhur. eksp. i teor. fiz. 37 no. 3:713-727 S '59.
Measurement of conductance of a semiconductor in the microwave region. V. Gass, H. Kvasil. Radiotekh. i elektron. 5 no. 5:796-805 My '60.
Measurement of the specific resistance and the Hall constant of high-resistance semiconductors. Chiang P'i-huang. Prib. i tekh. eksp. no. 6:81-82 N-D '59
Noncalorimetric method of measuring the relative values of the Peltier coefficient at the boundary between a metal and other metals or semiconductors [with summary in English]. P. I. Barans'kyi. Ukr. fiz. zhur. 4 no. 4:472-476 Jl-Ag '59
One possible method of determining the capture cross section relations of recombination centers in semiconductors. S. G. Kalashnikov, K. Konstantinesku. Fiz. tver. tela 1 no. 11:1763-1766 N '59.
"Pure metals and semiconductors." Reviewed by E. I. Gurovich. Zhur. neorg. khim. 4 no. 12:2837-2838 D '59.
Studying the short-range order of amorphous semiconductors by the electron diffraction method. L. I. Tatarinova. Kristallografiia 4 no. 5:678-683 S-O '59.

SEMIKARAKORSKAYA DISTRICT—VEGETABLE GARDENING
Leading in [illegible]. A. D. Gromadchenko. [illegible] no. 11:78 N '59.

SEMIPALATINSK—LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Foreign language Olympics of the students of Semipalatinsk city schools. G. A. Mandt. Inostr. iaz. v shk. no. 6:119-120 N-D '59

SEMIPALATINSK PROVINCE—[illegible], INDUSTRIAL
Constant concern for the development of the [illegible] economy. A. [illegible] D '59.

SEMIPALATINSK PROVINCE—LABOR AND LABORING CLASSES
From the history of the formation of [illegible] in the processing industry. [illegible] no. 2 [illegible]

SEMIPALATINSK PROVINCE—ROTATION OF CROPS
Crop rotations and soil cultivation [illegible] Semipalatinsk Province. [illegible] Ja '60.

SENCHENKO, IVAN IUKHYMOVYCH, 1901-
The builders of life ("Stanitsa" by Ivan Senchenko). Reviewed by H. Antonenko-Davydovych. [illegible] D '59

SENECIPHYLLINE
Conductometric determination of seneciphylline and platyphylline. V. P. Dagilaev. Med. prom. [illegible] 40 D '60

SENSE ORGANS—FISHES
Role of sense organs of [illegible] for food. M. P. Aronov. [illegible]

SENSE ORGANS—REPTILES
Characteristics of the [illegible] and recent teeth. [illegible] 117-118 '59.

SENSES AND SENSATION
Against "physiological idealism." G. S. Arakelov. [illegible] no. 12:31-37 D '59.
Beauty and health. V. V. Efimov. [illegible] Ja '60.
Conditioned photochemical reflex and [illegible] [with summary in English]. G. N. [illegible] 107-109 N-D '59
Some peculiarities of the perception of [illegible] [in Ukrainian with summary in Russian]. [illegible] Nauk. zap. Nauk.-doslid. inst. psykhol. [illegible]

SENTO see Central Treaty Organization

SEPARATORS (MACHINES)
Certain calculation factors to be considered [illegible] of milk separators. [illegible] prom. 30 no. 1 [illegible]
Investigation of wear [illegible] on hydrocyclones. [illegible] 13 no. 12 [illegible] D '59.
The OSB-2 apparatus for [illegible]. I. V. Chalova. [illegible]
SV-1 separator with a vertical elevator wheel. [illegible] Morgunov. Ugol' Ukr. [illegible]
Use of centrifugal screen separators. [illegible]
Use of hydrocyclones in industry. [illegible] Makh. i avtom. proizv. 13 no. 12 [illegible] D '59.

SEQUOIA, FOSSIL see subdivision under Volga Valley

SERBIA—ZADRUGA
The village commune among the Serbs in the 19th and beginning of the 20th century [with summary in English]. M. S. Shiliakova. Sov. etn. [illegible]

SERBSKII, VLADIMIR PETROVICH, 1858-1917
V. P. Serbskii and problems in the organization of legal psychiatric evaluation. IA. M. Kalashnik. Sud.-med. ekspert. 2 no. 1:42-47 Ja-Mr '59

SERDOBSK—INSURANCE, SOCIAL
On the assignment of the district social security department... A. Rychkova. Sots. obesp. [illegible] '59

SEREBRENNIKOVA, EVGENII PAVLOVNA, 1854-1927
Babushkin, V. S. [Doctor E. P. Serebrennikova] Vrach E. P. Serebrennikova. Perm', Permskoe knizhnoe izd-vo, 1957. 46 p. (Zamechatel'nye liudi Prikam'ia)
(DNLM)

SERGEEVA, VALENTINA
Thirty years in vaudeville. Kyg Mis. Neva no. 10:231 '59

[illegible]

SEVASTOPOL, BAY OF [illegible]
[illegible]

SEVASTOPOL, BAY OF [illegible]
[illegible]

SEVERINOV, SERGEI ALEKSANDROVICH, 1890-1959
Sergei Aleksandrovich Severinov. Masl.-zhir. prom. 26 no. 1:48 Ja '60

SEWAGE
Determination of the degree of dilution of sewage waters by rivers [with summary in English] I D Rod'iller Gig i san 24 no 11 17-26 N '59

SEWAGE—ANALYSIS
Discharge water sampler Neftianik 4 no 11:24-25 N '59

SEWAGE—PURIFICATION
(see also subdivision under Arkadak, Great Britain)
Akademiia nauk URSR, Kiev. Rada po vyvchenniu produktyvnykh syl URSR. [Protection of natural waters and purification of industrial sewage] Sanitarno okhorona vodoimyshch i ochystka promyslovykh stichnykh vod. Kyiv, 1959. 162 p.
Dehelminthization of precipitates in sewage during thermophil fermentation. G. Sh. Gudzhabidze Med. paraz i paraz bol 28 no. 5 617-618 S-O '59
Removal of zinc from viscose waste waters. IA. Z. Sorokin, I. A. Vol'f, IU. E. Matuskov. Khim. volok. no. 5 47-49 '59.

SEWAGE DISPOSAL
(see also subdivision under Novosibirsk)
Excavating machinery for the cleaning of waste disposal lagoons S S. Strashun Sakh prom 33 no 12 42 D '59

SEWAGE IRRIGATION
Experimental observations on the development and survival of Ascaris lumbricoides eggs in soil irrigated by sewage [with summary in English] G. Sh Gudzhabidze. Med paraz i paraz bol 28 no 5 578-583 S-O '59.
Using polyethylene pipes for irrigating fields in winter V L Parniakov Sad i og 07 no 12 23-25 D '50
Waste waters, a fertilizer resource and an important factor in increasing field crop yields Rinkon Ramiro, V Baikova Ud i ui 1 no 11 59-62 N '50

SEWING see subdivision under Moscow

SEWING INDUSTRY see subdivision under Rostov

SEWING MACHINES
Device for thread cutting Shvein. prom. no. 6:35 N-D '59.
RSh-3 machine for fabric stitching and simultaneous pressing of seams. V F Belov, B. A Kusner Shvein prom. no. 6:8 N-D '59.
Sulfidizing of some cast iron parts of light industry machinery. M. M Boltiyi. Izv vys ucheb. zav.; tekh leg prom no 5:152-156 '59

SEX
Types of size-sex ratios in fishes. D. F. Zamakhaev. Trudy Mosk. tekh. inst. ryb. prom. i khoz. no 10:183-209 '59.

SEX HORMONES see Hormones, Sex

SEX ORGANS see Generative organs

SHAD see subdivision under Caspian Sea

SHAD—PARASITES see Parasites—Shad

SHADOW PANTOMIMES AND PLAYS
Shadow theater. IU. A. Bugel'skii. Doshk. vosp 33 no. 1: 114 Ja '60

SHADRINSK DISTRICT—COLLECTIVE FARMS—ACCOUNTING
What is accomplished through the application of the new reports plan. G P. Suklmev, K. I. Pankova Uchet i fin. v kolkh. i sovkhoz. 17 no. 2:43-46 F '60.

SHAFT SINKING
(see also subdivision under Karaganda Basin; Krivoy Rog)
Flow-sheets for shaft sinking with skip hoisting E L. Shishov. Ugol' Ukr. 3 no. 12:13-16 D '59.
Krivoy Rog Basin mines need ore-hoisting and ventilation shafts. V. D. Titov. Gor. zhur. no. 1:25-27 Ja '60.
Trupak, N. G., ed. [Handbook on special methods of shaft sinking] Spravochnik po prokhodke stvolov shakht spetsial'nymi sposobami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 383 p.

SHAFT SINKING—EQUIPMENT AND SUPPLIES
Over-all mechanization of vertical shaft mining. G. I. Vagin, IU. Z. Zaslavskii. Gor. zhur. no. 1:44-48 Ja '60.

SHAFTING
Propeller shaft fitting in building small vessels without use of mobile boring machines. D. L. Garmashev. Sudostroenie 25 no. 12:41-45 D '59.
Strengthening stepped shafts by means of hammer hardening of hollow chamfers I. V. Kudriavtsev, N A Balabanov Vest mash 40 no. 1:28-31 Ja '60
Use of hinged joints in ship shaftings. V. P. Semenov. Sudostroenie 25 no 11:60-61 N '59.
Using the method of finite differences in investigating the stressed state of a splined shaft subjected to torsion Rasch na prochn. E P. Obolenskii no. 4:205-223 '59

SHAGINA, MARIIA ARTEM'EVNA
Wings of the people ("A Communist from Izhorskii" by M Dymnyi, "On the way" by R. Fedorov. Reviewed by Vs. Azarov). Neva no. 11 191-192 '59

SHAGOV, MIKHAIL ALEKSEEVICH, 1887-1959
In memory of Mikhail Alekseevich Shagov. Vest. oft. 72 no 4 63 Jl-Ag '59

SHAIN, GRIGORII ABRAMOVICH, 1892-1956
Grigorii Abramovich Shain, obituary. Izv. Krym. astrofiz. obser. 17:3-10 '57.

SHAIN, PELAGEIA FEDOROVNA, 1894-1956
Pelageia Fedorovna Shain; obituary. Izv. Krym. astrofiz. obser 17:11-13 '57.

SHAKESPEARE, WILLIAM, 1564-1616
Bernard Shaw's reflections on Shakespeare; a study of the aesthetics of Bernard Shaw. I. B. Kantorovich. Uch. zap. Sver. gos. ped. inst. no. 15:173-197 '57.
Neologisms formed by conversions in the works of Shakespeare. O. P Soroka. Uch. zap. Ped. inst Gorts. 189 no. 2:67-87 '59.

SHAKH-DARA VALLEY—GLACIAL EPOCH
On the ancient glaciation of the Shakh-Dara River basin in the western Pamirs. R. I. Selivanov. Trudy AN Tadzh. SSR 99:27-34 '58.

SHAKHOVSKII, BORIS MIKHAILOVICH, 1921-
From battle to labor ("The cranes will once again return" by Boris Shakhovskii Reviewed by A Polikanov) Moskva 3 no. 9 203-204 '59

SHAKHRINAU DISTRICT—COTTON GROWING
New possibilities opening to cotton growers of Shakhrinau District in the consolidation of brigades. M. Akramov, I. Vasil'chenko. Khlopkovodstvo 9 no. 12, 19-23 D '59.

SHAKHRISTAN DISTRICT—CASTLES
Works of the Khodzhent-Ustrushan detachment in 1957. N. N. Negmatov. Trudy AN Tadzh. SSR 103:95-107 '59.

SHALE see subdivision under Leningrad Province

SHALKAR, LAKE—PHYSICAL GEOGRAPHY
Lake Shalkar of Ayrtauskiy District, Kokchetav Province. A. G. Popolzin. Trudy Sekt. geog. AN Kazakh. SSR no. 5. 111-132 '59.

SHANGHAI—COMMUNIST PARTY
Beginning of great accomplishments. Ku Mei-chung. Druzhba no 49 26 D '59.

SHANGHAI—HISTORICAL MUSEUMS
Beginning of great accomplishments Ku Mei-chung. Druzhba no 49.26 D '59.

SHANGHAI—HISTORY
A short story about Shanghai. Vl. Dmitrevskii. Neva no. 10:9-23 '59.

SHANGHAI—TEXTILE WORKERS
Life gets better every day. Hung Ch'eng-shu Druzhba no. 52 15-16 D '59.

SHANGHAI—TRADE UNIONS
Activities of the Shanghai Trade Union Council in June-August, 1925 [with summary in English]. A. I. Kartunova Probl. vostokoved. no. 2:91-104 '60.

SHARKOVSHCHINA DISTRICT—SOIL CHEMISTRY
Dynamics of exchangeable potassium in swampy soils. B. I. IAkushau Vestsi AN BSSR. Ser. biial. nav. no. 4: 102-111 '59.

SHASHKOU, ALES'
"Inspiring themes ("Bright sunlight dims the stars", stories by Ales' Shashkou. Reviewed by Vasil' Barnosau) Belarus' 16 no. 11 31 N '59.

SHATSK DISTRICT—RURAL CONDITIONS
Labor and living conditions are interdependent. N. Pribylov. Sov. deput. trud. no. 12:38-44 D '59.

SHATSK DISTRICT (VOLYN' PROVINCE)—DIATOMS
Seasonal periodicity of plankton diatoms [with summary in English]. O. P. Oksiiuk. Ukr. bot. zhur. 16 no. 5:73-76 '59.

SHATSKII, STANISLAV TEOFILOVICH, 1878-1934
A useful publication ("Selected educational works" by S. T. Shatskii, Reviewed by I. IA. Savchenko). Sov. pedag. 23 no. 12:130-141 D '59.

SHATURA—CHESS
Thank you, Konstantin Vasil'evich A. Khaikin Shakh v SSSR 36 no 12 367 D '59

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918
Stepan Shaumian, theoretician on the national question [in Armenia with summary in Russian]. M. V Arzumanian. Ist.-filol. zhur. no. 2/3:162-176 '59.
Voskerchian, A. K. [Stepan Shaumian and literary problems] Stepan Shaumian i voprosy literatury. Izd. 2., ispr. i dop. Moskva, Sovetskii pisatel', 1959. 228 p.

SHAW, GEORGE BERNARD, 1856-1950
Bernard Shaw's reflections on Shakespeare; a study of the aesthetics of Bernard Shaw. I. B. Kantorovich. Uch. zap. Sver. gos. ped. inst. no. 15:173-197 '57.

SHCHEPKIN, MIKHAIL SEMENOVICH, 1788-1863
Shchepkin's school. T Troitskaia Ogonek 37 no 52 27-28 D '59

SHEARS (MACHINE TOOLS)
Investigating the operating conditions of 1100 blooming mill shears L D. Sokolov, N A. Chelyshev. Izv vys ucheb zav, chern. met no 4 173-180 '60.
Investigation of rotary flying shears. S. N. Kozhevnikov, V D Kirilliuk, A. N. Siilch Izv vys. ucheb zav; chern. met 2 no 8:140-155 Ag '59.

SHEEP
(see also subdivision under Kazakhstan; Orenburg Province; Rumania)
It's time to change the procedure for productivity calculations in double-purpose sheep farming. A A. Dardanova, T. A. Nazarova. Ovtsevodstvo 5 no. 12: 24-25 D '59.
Life suggests it... I. S. Iochkov-Vakulenko. Ovtsevodstvo 5 no. 12:12-17 D '59.
Toward new successes, comrades sheep farmers! Ovtsevodstvo 5 no. 12:1-2 D '59.

SHEEP—DISEASES
Relation of age to infestation of sheep with Coccidia. M. V. Krylov. Dokl. AN Tadzh. SSR 2 no. 4, 41-44 '59.
Selivanov, A. V. [Paratyphoid fever in sheep] Paratif ovets. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 95 p.
(DA)
Veterinary examination of carcasses of sheep affected by disease caused by feather grass A Osetrov and others Mias. ind SSSR 30 no 6 32-34 '59

SHEEP—DISEASES AND PESTS
(see also subdivision under Tien Shan Province)
Bondareva, V. I. [Control of gid] Bor'ba s tsenurozom. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 70 p.
(DA)
Case of acute fascioliasis in sheep in the Chuya Valley. V. G. Gagarin, V M Steshenko Trudy Inst zool. i paraz. AN Kir. SSR no 7:153-159 '59
Hemosporidiosis in sheep and goats in Kirghizistan; preliminary report. R. V. Grebeniuk, S. K Saribaev. Trudy. Inst zool. i paraz. AN Kir SSR no. 7:309-310 '59.
Induced entero-toxaemia in sheep IU. B. Safarov. Dokl. Akad. sel'khoz. 24 no. 12:33-36 '59.

SHEEP—EXHIBITIONS see subdivision under Kazakhstan; Moscow

SHEEP—FEEDING AND FEEDS
Feed rations of sheep when using large amounts of corn silage and threshing waste. A V. Modionov Biul nauch.-tekh. inform. VIZH no. 1 3-9 '57

SHEEP—PHYSIOLOGY
Interfetal connections during embryonic parabiosis in sheep [with summary in English]. K. M. Kurnosov. Zhur. ob. biol. 20 no. 6:447-454 N-D '59.

SHEEP BREEDING
No, it was no use to publish this book ("Increasing the fertility of farm animals"; collection of articles. Reviewed by D. F. Boiko). Ovtsevodstvo 5 no 12:39-41 D '59.

SHEEP SHEARING
Recent developments in the electric shearing of sheep. IU. Kramorov. Tekh. v sel'khoz 20 no. 1:32-34 Ja '60.

SHEET-METAL WORK
Forces and the center of deformation in the production of curved shapes on roll-forming machines. V. M. Grebenik. Izv. vys. ucheb. zav; chern. met 2 no. 8: 135-141 Ag '59.
Investigating a new method for blocking mechanisms which control automatic stamping on presses. A. E. Artes. Izv. vys. ucheb. zav.; mashinostr. no. 5:73-83 '59.
Semiautomatic four-way stamping press. V. G. Karpov. Avt. prom. no. 12:32 D '59.

SHEET STEEL
Manufacture of two-layer sheet steel. M. I. Bazhenov-Korchemnyi, P. N. Mazurik. Metallurg 4 no. 12:23-24 D '59.
Reasons for the scaling of sheet steel. V. V. Ipat'ev and others. Trudy LTA no. 80 pt. 2:57-64 '59.

SHEET STEEL—WELDING

Electric slag welding of 14 mm. sheets. I. V. Fed'ko. Avtom svar 12 no 12·84 D '59

SHELL MOLDING (FOUNDING)

Making intricate cast iron parts in multiple-section chill molds G I Gordon Lit proizv no 12 7-8 D '59

SHELL ROOFS see Roofs, Shell

SHELLAC

Brief reports. Zav. lab. no. 11·1318 '59.

SHELLS

What is the explanation for the iridescence of the nacre of sea shells? IUn. tekh 4 no. 11:47 N '59.

SHEPHERDS

A happy journey. G. Ruzov. Ovisevodstvo 5 no. 12·28-29 D '59

SHERESHEVSKII, L.

Roads wandered over in verse ("Distant roads" by L. Shereshevskii Reviewed by A Gromova) Moskva 3 no. 8·208 '59

SHESTALOV, IUVAN

The Mansi poet IUvan Shestalov. A. Balandin. Zvezda no 1:206-207 Ja '60

SHEVCHENKO, TARAS, 1814-1861

Analyzing the text of "Hired girl," a narrative poem by T. H. Shevchenko. V. S. Borodin. Rad. lit. no. 6·86-101 N-D '59.

Doroshenko, K. P. [T. H. Shevchenko and the Slavs] T. H. Shevchenko i slov'iany. Kyiv, 1958. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. XII, no. 9)

They prepare for the anniversary of Shevchenko's death V Kosian Ukraina no 2 8 Ja '60

SHIFT SYSTEMS

Under new labor conditions. N. Kobelev, P. Evsikov. Mast. ugl. 8 no. 3:10 Mr '59.

SHIGELLA

Discovery of the reactions of amino acid transamination in dysentery bacteria [with summary in English] L S Olenicheva Ukr biokhim zhur 31 no 5 681-683 '50

Use of bacteriophage titer growth in the detection of dysenterial microbes in artificially infected water. E. N Miliaeva. Gig. i san. 24 no. 12,69-71 D '59.

SHIGELLA ALKALESCENS

Clinical and epidemiological evidence of the role of B. alkalescens in the etiology of dysentery. B. M. Laprun. Zdravookhranenie 2 no. 5;35-40 S-O '59.

SHIGELLA PARADYSENTERIAE

Bacteriophage reproduction as related to the culture conditions of bacteria [with summary in English]. L. B. Borisov. Mikrobiologiia 28 no. 6·933-937 N-D '59.

Mechanism of the action of levomycetin (chloramphenicol). Report No. 4: Effect of levomycetin on pyroracemic acid metabolism in colon and Flexner's bacilli and its relation to the aeration degree of the culture medium [with summary in English]. A. I. Korotiaev. Mikrobiologiia 28 no. 6;851-857 N-D '59.

SHIKHINO—MOUNDS

A group of burial mounds near Shikhino. M. V. Fekhner. Sov arkheol. no. 4 239-242 '59

SHIKIMIC ACID

Isolation of quinic and shikimic acids from plants and their determination. S. M. Manskaia, L. A. Kodina. Zhur. prikl. khim. 32 no. 12:2711-2716 D '59.

SHILOVO DISTRICT—DAIRYING

Skillful hands. P. Kovrova. Agitator no. 24:29-30 D '59.

SHINBONE see Tibia

SHING VALLEY—SEA LILLIES, FOSSIL

Stems of Cupressocrinus from middle Devonian sediments of the Seravshan-Gissar mountain region. T. V. Shevchenko. Dokl. AN Tadzh. SSR 2 no. 4;7-10 '59.

SHINGLES (DISEASE) see Herpes Zoster

SHIP HANDLING

A new manual is needed ("Ship handling on inland waterways" by V. N. Rodionov. Reviewed by S. B. Ol'shanskii) Rech. transp. 18 no. 11;54 N '59.

Pushing away passenger ships from pier against the wind. S. B. Ol'shamovskii. Rech. transp. 18 no. 11;48-50 N '59.

Ship handling safety on inland waterways. V. F. Saratov. Rech. transp. 18 no. 12;18-20 D '59.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP MODELS

Building and installing propeller shafts. A Veselovskii Voen. znan 36 no 5 35 My '60.

Criteria of similitude. A. N. Kholodilin. Trudy LKI no 16 161-164 '55.

SHIP PROPULSION

(see also subdivision under Germany)

Approximate determination of towing capacity in the early stages of ship design. A. N. Muratov. Sudostroenie 25 no. 11;6-8 N '59.

Approximate method for the theoretical determination of derivatives of transverse hydrodynamic forces and moments of yaw at angular speed for elongated bodies. K K Fediaevskii. Trudy LKI no. 16.128-135 '55.

Calculating the propeller system of a water-jet vessel by results of testing on models. A. M. Basin. S. P. Medvedev Rech. transp. 18 no. 11·16-21 N '59.

Determining the coefficient of roll resistance during the motion of a ship. A. N. Kholodilin. Trudy LKI no. 16 157-160 '55

Effect of rotor wheel rims on the external characteristics of a reverse running transformer on a hydro-reversing transmission. N. K Nagornaia. Sudostroenie 25 no. 12; 26-30 D '59.

Effect of waterway dimension on a ship's rate of propulsion. K. A. Garinov. Rech. transp. 18 no. 11;7-10 N '59.

Hydrodynamic forces and moments of inertia affecting surface vessels at low Froude values K K. Fediaevskii. Trudy LKI no 16 123-127 '55

Increasing the thrust characteristics of ships. V. K. Shanchurova. Rech. transp. 18 no. 11;10-12 N '59.

Practical method of determining loads on paddle wheels for vessels operating in a wave disturbance. A. F. Videtskii. Trudy TSNIIRF no. 39.137-160 '59.

Propulsion of certain shallow-draft vessels; brief review. P A. Apukhtin Trudy LKI no. 16;136-156 '55.

SHIP RESISTANCE

Approximate study of wave-making resistance of a ship moving at supercritical speeds. A. M. Basin. Trudy TSNIIRF no 39;3-20 '50.

SHIPBUILDING

(see also subdivision under Goeteborg, Sweden; Hamburg)

Effect of the full shape ratio on certain technical characteristics for inland navigation load carriers. E. R. Ratner. Sudostroenie 25 no. 12;6-8 D '59.

From the pages of books. Sudostroenie 25 no. 12:16, 37, 45, 48 D '59.

Karaulov, A. N., and M. A. Fridman. [Shipbuilding drawing] Sudostroitel'noe cherchenie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 120 p.

New ships in the seven-year plan. Sudostroenie 25 no. 11: 72 N '59.

Self-unloading ships (from foreign periodicals). Sudostroenie 25 no. 12·59-61 D '59.

"Sevastopol'"-type refrigerator ships for industrial transportations. A. M. Sterkin. Sudostroenie 25 no. 11; 1-6 N '59.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—COSTS

Standardization of ship types and its economic aspects. N. M. Belov. Rech. transp. 18 no. 11;15-16 N '59.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Galkin, V. A. [Device for assembling and welding hull structures] Prisposoblenila dlia sborki i svarki korpusnykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 133 p.

SHIPBUILDING—PERIODICALS

Thirty-fifth anniversary of the publication of the "Korablestroitel'" journal, December 1924 - December 1959. L. G. Vasil'ev. Sudostroenie 25 no. 12;68-70 D '59.

SHIPBUILDING—SUPPLIES

Convergence of general test results on the resistance to plastic deformation in shipbuilding steel. V. A. Bykov and others. Trudy LKI no. 16;50-55 '55.

Gluing marine metal structures. A. I. Pavlov. Sudostroenie 25 no. 12·38-41 D '59.

Transition in seagoing shipbuilding from St. 4c steel to other grades. N. E. Putov. Trudy LKI no 16;76-86 '55.

SHIPBUILDING WORKERS see subdivision under Dairen, China

SHIPFITTING

Fastening deadwood pipes by means of welding. V. A. Shumliaev. Sudostroenie 25 no. 12;54-55 D '59.

SHIPFITTING—EQUIPMENT AND SUPPLIES

Propeller shaft fitting in building small vessels without use of mobile boring machines. D. L. Garmashev. Sudostroenie 25 no. 12;41-45 D '59.

SHIPPING see subdivision under China; Kara Sea

SHIPPING—ACCOUNTING

Economic efficiency of diesel-propelled freighters for mixed, river and sea transportation of loose-bulk cargo. A. P. Irkhin. Rech. transp. 18 no. 12,10-11 D '59.

SHIPPING—BIBLIOGRAPHY see Bibliography—Shipping

SHIPS

Standardization of ship types and its economic aspects. N. M. Belov. Rech. transp. 18 no. 11;15-16 N '59.

SHIPS—HYDRODYNAMICS

Converting the hydrodynamic propeller characteristics from one extension to another. N. D. Shal'kin. Rech. transp. 18 no. 12·27-29 D '59.

Determining general, additional bending moments appearing as a result of a dynamic wave impact. M. A. Bel'gova. Rech. transp. 18 no. 12;30-33 D '59.

Methods of determining the rated buoyancy of a cavitating profile. A. A. Rusetskii. Sudostroenie 25 no 12 8-11 D '59.

SHIPS—LAUNCHING

Ship launching sideways from a free-floating pontoon. V. IU. Leizerman. Sudostroenie 25 no. 11;55-58 N '59.

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Gorodets, Gorkiy Province)

Boring flooding valve seats by means of special devices; Odessa Ship Repair Yard No. 1. L Balatskii Inform sbor TSNIIMF no 26;79-82 '58

Carry out ship repairs in a satisfactory manner. N. M. Kruglov. Rech. transp. 18 no. 12;21-22 D '59.

Effectiveness of industrial specialization within a ship repair yard; from practices of the Gadzhiev Shipyard N. V. Zhur. Inform sbor. TSNIIMF no. 26:4-15 '58.

Formulas for standardization, accounting and wages in dockyards. L. E. TSybul'skii. Sudostroenie 25 no. 11, 44-48 N '59.

Gusev, M. N., and others. [Technology of marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Pod obshchei red. M. N. Guseva. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie.

Pt. 2. [Technology of ship repairs] Tekhnologiia sudoremonta. 1960. 470 p.

Manufacture of bimetallic bearings; Gunboat Repair Yard I. IAnkovich. Inform. sbor. TSNIIMF no. 26;65-74 '58

Metallized coatings and their use for ship repairs; from practices of the Gunboat Repair Yard. I. Elin, I. IAnkevich. Inform. sbor. TSNIIMF no. 26;36-45 '58

Reception of slipways in docks. E. G. Logvinovich, G. N. Finkel'. Sudostroenie 25 no. 11;49-52 N '59.

Sectional method for replacing the hull bottom on the diesel-powered ship "Lepse"; Novorossiisk Ship Repair Yard A. Kizirov. Inform. sbor. TSNIIMF no 26·20-25 '58.

Ship repairs at the "Fortieth Anniversary of October" Plant. S. M. Zakharov. Rech. transp. 18 no. 12·22-23 D '59.

SHIPS—MEASUREMENT

Making an actual sketch of a ship's outline with structural trim. V. A. Pervov. Sudostroenie 25 no. 11:53-54 N '59.

SHIPS—SAFETY MEASURES

Novak, G. M., and B. A. Lapshin. [Fighting for the ship's survival] Bor'ba za zhivuchest' korablia. Izd. 2., perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 221 p.

SHIPS—PAINTING

Mechanism of the action of antifouling paints. M. A. Dolgopol'skaia and others. Trudy SBS 11;254-261 '59.

Should the underwater part of Yenisey River steel ship hulls be painted. V. N. Storozhev. Rech. transp. 18 no. 11;21-22 N '59.

SHIPS—WATER SUPPLY

Arrangement for an economical water-supply system. M. Veselyi, S. Pigolev. Rech. transp. 18 no. 12;45 D '59.

SHIPS—WELDING

Determining deformations and strains produced by longitudinal shrinkage of welded joints. V. I. Vasil'ev. Trudy LKI no. 16·105-115 '55.

Fastening deadwood pipes by means of welding. V. A. Shumliaev. Sudostroenie 25 no. 12:54-55 D '59.

Selecting the size of angular welded joints in hull construction. V. D. Matskevich. Trudy LKI no. 16;96-104 '55.

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPYARDS

(see also subdivision under Kerch; Novorossiysk; Odessa; Tuapse)

Effectiveness of industrial specialization within a ship repair yard; from practices of the Gadzhiev Shipyard N. V. Zhur. Inform. sbor. TSNIIMF no. 26;4-15 '58.

SHIPYARDS—EQUIPMENT AND SUPPLIES

(see also subdivision under Astrakhan; Odessa, Riga)

Fastening the sheathing by means of rag pins; Gunboat Repair Yard A Lutkov Inform sbor TSNIIMF no 26·84 '58.

Flanging of hull construction sections on forging rolls; Vano Sturua Ship Repair Yard M Vaisman. Inform. sbor. TSNIIMF no. 26·33-34 '58

Marking cargo hold hatch covers with an electric branding device; Gunboat Repair Yard. A Lutkov Inform sbor TSNIIMF no. 26:101 '58

Mechanization of calking operatings; Gunboat Repair Yard. A Lutkov. Inform. sbor TSNIIMF no 26:85 '58

Shipyard scaffolding; Gunboat Repair Yard. IU. IUrga. Inform. sbor TSNIIMF no. 26·88-99 '58

Skip hoister for cupola furnace charging; Gunboat Repair Yard V. Korolev. Inform sbor. TSNIIMF no. 26·99-101 '58

SHIRA, LAKE—CHILDREN—HOSPITALS

Some data on the treatment of peptic ulcer in children in the children's sanatorium at "Ozero Shira." A. I. El'tsov. Vop. okh. mat. i det. 1 no. 6 22-25 N-D '59.

SHIRAKATSI, ANAKHA

The natural philosophical views of Anania Shirakatsi [in Armenian with summary in Russian]. G T. Khrlopian Ist.-filol. zhur. no. 2/3:131-140 '59.

SHISHKIN, IVAN IVANOVICH, 1832-1898

Kuybyshev. Khudozhestvennyi muzei. [I. I. Shishkin, 1832-1898, on the 125th anniversary of his birth] I. I. Shishkin, 1832-1898; k 125-letiiu so dnia rozhdeniia. [Kuibyshev] Izd. Muzeia, 1957. 11 p.

[MICROFILM]

SHKLOV DISTRICT—FLAX

Even in drought a high flax yield was obtained F M Serkov. Len i konop 4 no 11 33-34 N '59.

SHKOTOVO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

In the Far East. K. Shigin. Agitator no. 24·51 D '59.

SHMIT, NIKOLAI PAVLOVICH, 1883-1907

Andrikanis, E. N. [Master of "The devil's nest"] Khoziain "Chertova gnezda." [Moskva] Mosk. rabochii, 1960. 230 p.

SHOCK

Anesthesia and shock prevention in acute radiation sickness. A. N. Syzganov, B. S. Babashev, IU. M. Briakin. Vest. AN Kazakh SSR 15 no. 12 57-65 D '59.

Comparative evaluation of the effectiveness of intra-arterial and intravenous blood transfusions in traumatic shock. S. K. Nurlagdyev. Zdrav Turk. 3 no. 5:7-12 S-O '59.

Prevention of surgical shock by the administration of dibazol per os, experimental study [with summary in English]. E. G. Vodokhlebova. Vest. khir 83 no. 11: 98-104 N '59.

The protective effect of carbon dioxide inhalation on the development of hemorrhagic shock conditions. L. V. Krushinskii, A. P. Steshenko, L. N. Molodkina. Nauch. dokl. vys. shkoly, biol nauki no. 2:73-77 '60.

Treatment of traumatic shock combined with radiation injury [with summary in English]. T. N. Astakhova, I V. Il'inskaia. Vest. khir 83 no. 11:85-90 N '59.

SHOCK WAVES

Acceleration of a discharge plasma and production of strong shock waves in a chamber with coaxial electrodes. S. R. Kholev, D. S. Poltavchenko. Dokl. AN SSSR 131 no. 5.1060-1063 Ap '60.

Calculation of gasomagnetic shock wave parameters [with summary in English]. S. A. Kaplan, O. O. Lohvinenko, T. S. Pidstrihach. Ukr. fiz. zhur. 4 no. 4 438-442 Jl-Ag '59.

Mechanism of intermolecular energy exchange involved in the dissociation of a diatomic gas. E. E. Nikitin. Dokl. AN SSSR 132 no. 2:395-398 My '60.

SHOE INDUSTRY see subdivision under Kiev; Klintsy; Troitsk

SHOE MACHINERY

Levinson, V. N. [Construction and adjustment of shoe machinery] Ustroistvo i naladka obuvnykh mashin. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 345 p.

SHOE MANUFACTURE

Effect of the design of the shoe uppers on time expended on machine stitching V M. Kliuchnikova, IU. P. Zybin. Izv vys ucheb. zav ; tekh. leg. prom. no 5:95-105 '59.

Investigating the contact drying of footwear. B. IA Krasnov, V M Sotnikov. Izv. vys. ucheb. zav ; tekh. leg. prom. no 5·77-84 '59.

Nonuniformity of leather stretchability. M. P. Kuprilanov, IU. P. Zybin. Izv vys. ucheb zav. ; tekh leg. prom. no. 5: 106-120 '59

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

In the process of artistic development; a study of M. Sholokhov's tales during the 1920's. K. M. Uspenskaia. Uch. zap. LGU no. 275.84-101 '59.

SHOOTING CONTESTS

(see also subdivision under Peiping)

According to the new program. I. Kulik. Voen. znan. 36 no. 4·35 Ap '60

Bullets hit the target IU Il'iashenko. Sov. Kazakh. 24 no 2 125-127 F '58

Competition for cites. A IArotskaia. Voen. znan. 36 no. 4:33-34 Ap '60.

Esel'son, I. M. [Shooting as sport in the U. S. S. R.] Strelkovyi sport v SSSR. Moskva, Izd-vo DOSAAF, 1959. 103 p.

On the shooting line. Okh. i okh. khoz. 5 no. 11:36 N '59.

SHORE BIRDS see subdivision under Asia, Central

SHORE LINES

Evolution of the shore line in fjord regions. P. A. Kaplin. Trudy Okean. kom no. 4.54-65 '59.

Temperature field in front of a pointed cape (according to model studies). IU. F. Vasil'ev, S. M. Popov. Izv. AN SSSR. Ser. geofiz. no. 4:557-565 Ap '60.

SHORE PROTECTION

Longitudinal displacement of transported material on the southeastern shore of Lake Baikal. N P. Ladokhin Trudy Vost.-Sib. fil. AN SSSR no. 10·22-28 '59

SHORT STORIES, CHINESE

[Stories by Chinese authors. Translated from the Chinese] Rasskazy kitaiskikh pisatelei. Moskva, Goslitizdat, 1959. 2 v.

(MH)

SHOSHIN, VLADISLAV

Youth and apprenticeship ("The sun shines on the silver white poplars" by Vladislav Shoshin. Reviewed by N. Bazhin). Neva no. 11:194-195 '59

SHOT PEENING

Investigating the shot peening of steel by X-rays. IU. G. Miasnikov, IU. S. Terminasov. Trudy LIEI no. 28:105-112 '59.

SHOTGUNS

(see also subdivision under Great Britain)

MTS5-15 shotgun. Okh. i okh. khoz. 5 no. 11:34 N '59.

SHOULDER—SURGERY

Anatomical basis of muscular plastic surgery in paralysis of the triceps. G. I. Petsakhovich. Ortop., travm. i protez. 20 no. 4.44-49 Ap '59.

SHOULDER JOINT

Form and function of the shoulder joint in mammals [with summary in English]. P M. Mazhuha. Dop. AN URSR no. 12:1368-1371 '59.

SHOULDER JOINT—DISEASES

Humeroscapular periarthritis; clinical aspects, pathogenesis, diagnosis, and treatment. V. I. Faberman. Sov. med. 23 no. 12:108-110 D '59.

SHOULDER JOINT—DISLOCATION

Roentgenological symptoms in habitual shoulder dislocation [with summary in English]. V. IU. Goliakhovskii, N. I. Seferova. Vest. rent. i rad. 34 no. 2·16-22 Mr-Ap '59.

SHOW WINDOWS

(see also subdivision under Rumania)

A refrigerated window glass case. P Gorbach. Sov. torg. 33 no 1 44-45 Ja '60

SHOW WINDOWS—AIR CONDITIONING

Cooled VD-4 shopwindow. A. Kuznetsova, N. Preobrazhenskaia, I. El'kin Khol. tekh. 36 no. 6:39-42 N-D '59.

SHRUBS

(see also subdivision under Bashkiria; Kirghizistan, Soviet Far East; Ukraine)

Book on dendrology ("Manual for the identification of trees and shrubs in a leafless state" by A. L. Novikov. Reviewed by A. I. Vanin). Les. khoz. 12 no. 12:76 D '59.

Data on the beginning of flowering in Padus racemosa (Lam.) Gilib., Caragana arborescens Lam., and Betula verrucosa Ehrh. in the Moscow area over a period of 74 years. A. V. Tiurin. Bot. zhur. 44 no. 11·1639-1640 N '59.

Development of trees and shrubs at the timber line in the mountains of Central Asia. I. T. Vasil'chenko. Bot. zhur. 44 no. 12:1717-1720 D '59.

Methods for the selection of starting material in introducing new tree and shrub species. A. M. Kormilitsyn. Trudy Bot. inst. Ser. 6 no. 7:495-498 '59.

Regeneration of tree and shrub roots following transplanting. D. V. Nikolaev. Les. khoz. 12 no. 12:42-44 D '59.

SHRUBS—DISEASES AND PESTS

Using polymers for the protection of trees and shrubs. I. M Poliakov, S. V. Andreev, A. V. Khotianovich. Les. khoz. 12 no. 12.49-50 D '59.

SHUB, ESFIR' IL'INISHINA, 1894-

In memory of Esfir' Shub. Vera Stroeva. Isk. kino no. 1· 136-139 Ja '60.

SHUL'BA DISTRICT—FARM MECHANIZATION—STUDY AND TEACHING

How we train our machinery operators. A. Kalistratova. Part zhizn' Kazakh 20 no 7:30-32 Jl '59.

SHULEIKIN, MIKHAIL VASIL'EVICH, 1884-

Seventy-fifth anniversary of the birth of Mikhail Vasil'evich Shuleikin, outstanding Soviet scientist and radio engineer. Radio no. 12 5 D '59

SHUMOV, IL'IA STEPANOVICH, 1819-1881

Book about an outstanding Russian master ("Artist of the chessboard I S Shumov" by I. M. Linder Reviewed by V. Panov). Shakh v SSSR 36 no 12 371-373 D '59

SHUSHA—HEALTH RESORTS, WATERING PLACES, ETC.

Change in the blood picture in children at the mountain health resort of Shusha [in Azerbaijani with summary in Russian]. T. A. Bagdasarova. Azerb. med. zhur. no. 12:35-41 D '59.

SHUSHENSKOYE—HISTORIC HOUSES, ETC.

In the village of Shushenskoye. L. Savel'ev. Voen. znan. 36 no 4:13-14 Ap '60.

SHUSHENSKOYE—MUSEUMS

In Shushenskoye. N. Gorodetskii. Bibliotekar' no. 4: 20-22 Ap '60.

SHUTTERS, PHOTOGRAPHIC—TESTING

Methods of testing central photographic shutters. A. V. Tolstoshev. Trudy MIIGAIK no. 36:117-122 '59.

Use of loop oscillographs in investigating shutters of aerial cameras. V. IU. Torochkov. Trudy MIIGAIK no. 22:53-60 '56.

SHYNKLER, KHVIADOS

Interesting study ("Khviados Shynkler" by L. Arabei. Reviewed by IA. Hertsovich). Belarus' 16 no. 12:30-31 D '59.

SIAN SHENSI PROVINCE—DESCRIPTION

Here was the site of our first capital. Shih Long. Druzhba no 52·22-24 D '59

SIBERIA

[Territory where nothing is impossible; foreign journalist on Siberia] Krai, gde net nevozmozhnogo, zarubezhnye zhurnalisty o Sibiri. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1957. 130 p.

(WaU)

SIBERIA—AUTHORS

[Siberian authors; literary and critical essays] Pisateli-sibiriaki; literaturno-kriticheskie ocherki. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1956. 1 v.

(NN)

SIBERIA—COAL MINES AND MINING

Coal of Siberia and of the Far East. N. Zaitsev. Mast. ugl. 8 no. 2:3-5 F '59.

SIBERIA—DESCRIPTION AND TRAVEL

Rozhdestvenskii, I. D. [Heroic territory] Bogatyrskii krai. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 148 p. (Massovaia biblioteka rabochego)

There are friends everywhere. I Plahotka. Ogonek 37 no 52:15-16 D '59

Zlobin, A. P. [The meridian of Baikal] Baikal'skii meridian. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 190 p.

SIBERIA—DIAMONDS

Diamonds. B. TSyv'ian. Sem'ia i shkola 13 no. 3:25-27 Mr '58.

SIBERIA—FORESTS AND FORESTRY

Ways of improving forestry in Siberia [with summaries in English, German, and French]. V. V. Oglovskii. Vest. sel'khoz. nauki 4 no. 12:76-81 D '59

SIBERIA—GAS, NATURAL—GEOLOGY

Oil and gas potentials of the northern part of central Siberia. M. K. Kalinko. Trudy NIIGA 92:183-214 '59.

SIBERIA—GUTTERS

Interior gutter pipes for sloping roofs in Siberia. V. K. Petrovskii. Izv. vys. ucheb. zav. ; stroi. i arkhit. no. 6: 151-163 '59.

SIBERIA—HISTORICAL RESEARCH

Conference of the historians of Siberia and the Soviet Far East. V. M. Shapko. Vop ist. KPSS 4 no. 3:233-235 '60.

SIBERIA—HISTORY

Kommunisticheskaia partiia Sovetskogo Soiuza. Irkutskii. oblastnoi komitet. Otdel propagandy i agitatsii. [Articles and news reports from Siberia in "Iskra," a newspaper edited by Lenin] Sibirskie korrespondentsii v Leninskuiu "Iskru." [Irkutsk] Irkutskoe obl. gos. izd-vo, 1951. 102 p.

[MICROFILM]

SHEET STEEL—WELDING

Electric slag welding of 14 mm sheets. I V. Fed'ko. Avtom svar 12 no 12·84 D '59

SHELL MOLDING (FOUNDING)

Making intricate cast iron parts in multiple-section chill molds G I Gordon Lit proizv no 12 7-8 D '59

SHELL ROOFS see Roofs, Shell

SHELLAC

Brief reports Zav. lab no. 11·1318 '59.

SHELLS

What is the explanation for the iridescence of the nacre of sea shells? IUn. tekh. 4 no. 11:47 N '59.

SHEPHERDS

A happy journey. G. Ruzov. Ovtsevodstvo 5 no. 12·28-29 D '59

SHERESHEVSKII, L.

Roads wandered over in verse ("Distant roads" by L. Shereshevskii. Reviewed by A Gromova). Moskva 3 no 8: 208 '59.

SHESTALOV, IUVAN

The Mansi poet IUvan Shestalov. A. Balandin. Zvezda no 1·206-207 Ja '60

SHEVCHENKO, TARAS, 1814-1861

Analyzing the text of "Hired girl," a narrative poem by T. H. Shevchenko. V. S. Borodin. Rad lit. no. 6·86-101 N-D '59.

Doroshenko, K. P. [T. H. Shevchenko and the Slavs] T. H. Shevchenko i slov'iany. Kyiv, 1958 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. XII, no. 9)

They prepare for the anniversary of Shevchenko's death V Kosian Ukraina no 2 8 Ja '60

SHIFT SYSTEMS

Under new labor conditions. N. Kobelev, P. Evsikov. Mast. ugl. 8 no. 3:10 Mr '59.

SHIGELLA

Discovery of the reactions of amino acid transamination in dysentery bacteria [with summary in English] L S Olenicheva Ukr biokhim zhur 31 no 5 681-683 '59.

Use of bacteriophage titer growth in the detection of dysenterial microbes in artificially infected water E. N Miliaeva. Gig i san. 24 no. 12:69-71 D '59.

SHIGELLA ALKALESCENS

Clinical and epidemiological evidence of the role of B. alkalescens in the etiology of dysentery. B. M. Laprun. Zdravookhranenie 2 no. 5·35-40 S-O '59.

SHIGELLA PARADYSENTERIAE

Bacteriophage reproduction as related to the culture conditions of bacteria [with summary in English]. L. B. Borisov. Mikrobiologiia 28 no. 6.933-937 N-D '59.

Mechanism of the action of levomycetin (chloramphenicol). Report No. 4. Effect of levomycetin on pyroracemic acid metabolism in colon and Flexner's bacilli and its relation to the aeration degree of the culture medium [with summary in English]. A. I. Korotiaev. Mikrobiologiia 28 no. 6·851-857 N-D '59.

SHIKHINO—MOUNDS

A group of burial mounds near Shikhino. M. V. Fekhner. Sov arkheol no 4 239-242 '59

SHIKIMIC ACID

Isolation of quinic and shikimic acids from plants and their determination. S. M. Manskaia, L. A. Kodina. Zhur. prikl. khim. 32 no. 12:2711-2716 D '59.

SHILOVO DISTRICT—DAIRYING

Skillful hands. P. Kovrova. Agitator no. 24:29-30 D '59.

SHINBONE see Tibia

SHING VALLEY—SEA LILLIES, FOSSIL

Stems of Cupressocrinus from middle Devonian sediments of the Seravshan-Gissar mountain region. T. V. Shevchenko. Dokl. AN Tadzh. SSR 2 no. 4:7-10 '59.

SHINGLES (DISEASE) see Herpes Zoster

SHIP HANDLING

A new manual is needed ("Ship handling on inland waterways" by V. N. Rodionov. Reviewed by S. B. Ol'shanskii). Rech. transp. 18 no. 11:54 N '59.

Pushing away passenger ships from pier against the wind. S. B. Ol'shamovskii. Rech. transp. 18 no. 11:46-50 N '59.

Ship handling safety on inland waterways. V. F. Saratov. Rech. transp. 18 no. 12·18-20 D '59.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP MODELS

Building and installing propeller shafts A Veselovskii Voen znan 36 no 5 36 My '60

Criteria of similitude. A. N. Kholodilin. Trudy LKI no 16 161-164 '55

SHIP PROPULSION

(see also subdivision under Germany)

Approximate determination of towing capacity in the early stages of ship design. A. N. Muratov. Sudostroenie 25 no. 11.6-8 N '59.

Approximate method for the theoretical determination of derivatives of transverse hydrodynamic forces and moments of yaw at angular speed for elongated bodies. K. K Fediaevskii. Trudy LKI no. 16·128-135 '55.

Calculating the propeller system of a water-jet vessel by results of testing on models. A. M. Basin, S. P. Medvedev. Rech. transp. 18 no. 11:16-21 N '59.

Determining the coefficient of roll resistance during the motion of a ship A. N. Kholodilin. Trudy LKI no. 16: 157-160 '55

Effect of rotor wheel rims on the external characteristics of a reverse running transformer on a hydro-reversing transmission. N. K Nagornaia. Sudostroenie 25 no. 12: 26-30 D '59.

Effect of waterway dimension on a ship's rate of propulsion. K. A. Garinov. Rech. transp. 18 no. 11:7-10 N '59.

Hydrodynamic forces and moments of inertia affecting surface vessels at low Froude values. K. K. Fediaevskii. Trudy LKI no 16·123-127 '55.

Increasing the thrust characteristics of ships. V. K. Shanchurova. Rech. transp. 18 no. 11.10-12 N '59.

Practical method of determining loads on paddle wheels for vessels operating in a wave disturbance. A. F. Videtskii. Trudy TSNIIRF no. 39 137-150 '59.

Propulsion of certain shallow-draft vessels; brief review. P. A Apukhtin. Trudy LKI no. 16 136-156 '55

SHIP RESISTANCE

Approximate study of wave-making resistance of a ship moving at supercritical speeds. A M. Basin Trudy TSNIIRF no 39 3-20 '59

SHIPBUILDING

(see also subdivision under Goeteborg, Sweden; Hamburg)

Effect of the full shape ratio on certain technical characteristics for inland navigation load carriers. E. R. Ratner. Sudostroenie 25 no. 12.6-8 D '59.

From the pages of books. Sudostroenie 25 no. 12:16, 37, 45, 46 D '59.

Karaulov, A. N., and M. A. Fridman. [Shipbuilding drawing] Sudostroitel'noe cherchenie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 120 p.

New ships in the seven-year plan. Sudostroenie 25 no. 11: 72 N '59.

Self-unloading ships (from foreign periodicals). Sudostroenie 25 no. 12·59-61 D '59.

"Sevastopol'"-type refrigerator ships for industrial transportations. A. M. Sterkin. Sudostroenie 25 no. 11: 1-6 N '59.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—COSTS

Standardization of ship types and its economic aspects. N. M. Belov. Rech. transp. 18 no. 11:15-16 N '59.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Galkin, V. A. [Device for assembling and welding hull structures] Prisposobleniia dlia sborki i svarki korpusnykh konstruktsii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 133 p.

SHIPBUILDING—PERIODICALS

Thirty-fifth anniversary of the publication of the "Korablestroitel'" journal, December 1924 - December 1959. L. G. Vasil'ev. Sudostroenie 25 no. 12.68-70 D '59.

SHIPBUILDING—SUPPLIES

Convergence of general test results on the resistance to plastic deformation in shipbuilding steel. V. A. Bykov and others. Trudy LKI no. 16:50-56 '55.

Gluing marine metal structures. A. I. Pavlov. Sudostroenie 25 no. 12:38-41 D '59.

Transition in seagoing shipbuilding from St. 4c steel to other grades. N. E. Putov. Trudy LKI no. 16.76-86 '55.

SHIPBUILDING WORKERS see subdivision under Dairen, China

SHIPFITTING

Fastening deadwood pipes by means of welding. V. A. Shumilaev. Sudostroenie 25 no. 12:54-55 D '59.

SHIPFITTING—EQUIPMENT AND SUPPLIES

Propeller shaft fitting in building small vessels without use of mobile boring machines. D. L. Garmashev. Sudostroenie 25 no. 12:41-45 D '59.

SHIPPING see subdivision under China; Kara Sea

SHIPPING—ACCOUNTING

Economic efficiency of diesel-propelled freighters for mixed, river and sea transportation of loose-bulk cargo A. P. Irkhin. Rech. transp. 18 no. 12·10-11 D '59.

SHIPPING—BIBLIOGRAPHY see Bibliography—Shipping

SHIPS

Standardization of ship types and its economic aspects. N. M. Belov. Rech. transp. 18 no. 11:15-16 N '59.

SHIPS—HYDRODYNAMICS

Converting the hydrodynamic propeller characteristics from one extension to another. N. D. Shul'kin. Rech. transp. 18 no. 12 27-29 D '59.

Determining general, additional bending moments appearing as a result of a dynamic wave impact. M. A. Hel'gova. Rech. transp. 18 no. 12:30-33 D '59.

Methods of determining the rated buoyancy of a cavitating profile. A. A. Rusetskii. Sudostroenie 25 no 12 8 11 D '59.

SHIPS—LAUNCHING

Ship launching sideways from a free-floating pontoon. V. IU. Leizerman. Sudostroenie 25 no. 11:55-56 N '59.

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Gorodets, Gorky Province)

Boring flooding valve seats by means of special devices, Odessa Ship Repair Yard No 1. L. Balatskii Inform sbor. TSNIIMF no. 26:70-82 '58.

Carry out ship repairs in a satisfactory manner. N. M. Kruglov. Rech. transp. 18 no. 12:21-22 D '59.

Effectiveness of industrial specialization within a ship repair yard; from practices of the Gadzhiev Shipyard N. V. Zhur. Inform sbor. TSNIIMF no 26:4-15 '58

Formulas for standardization, accounting and wages in dockyards. L. E. TSybul'skii. Sudostroenie 25 no. 11: 44-48 N '59.

Gusev, M. N., and others. [Technology of marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Pod obshchei red. M. N. Guseva. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie,

Pt. 2. [Technology of ship repairs] Tekhnologiia sudoremonta. 1960. 470 p.

Manufacture of bimetallic bearings; Gunboat Repair Yard. I. IAnkovich Inform sbor. TSNIIMF no. 26·65-74 '58

Metallized coatings and their use for ship repairs; from practices of the Gunboat Repair Yard. I. Elin, I IAnkovich. Inform. sbor TSNIIMF no. 26:30-45 '58

Reception of slipways in docks. E. G. Logvinovich, G. B. Finkel'. Sudostroenie 25 no. 11:49-52 N '59.

Sectional method for replacing the hull bottom on the diesel-powered ship "Lopse"; Novorossiisk Ship Repair Yard. A Kizirov. Inform sbor. TSNIIMF no 26:20 29 '58.

Ship repairs at the "Fortieth Anniversary of October" Plant. S. M. Zakharov. Rech. transp. 18 no. 12:73-74 D '59.

SHIPS—MEASUREMENT

Making an actual sketch of a ship's outline with structural trim. V. A. Pervov. Sudostroenie 25 no. 11:51 54 N '59.

SHIPS—SAFETY MEASURES

Novak, G. M., and B. A. Lapshin. [Fighting for the ship's survival] Bor'ba za zhivuchest' korablia. Izd. 2., perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 221 p.

SHIPS—PAINTING

Mechanism of the action of antifouling paints. M. A. Dolgopol'skaia and others. Trudy SBS 11:254 261 '59

Should the underwater part of Yenisey River steel ship hulls be painted. V. N. Storozhev. Rech. transp 18 no. 11:21-22 N '59.

SHIPS—WATER SUPPLY

Arrangement for an economical water-supply system. M. Veselyi, S. Pigolev. Rech. transp. 18 no. 12:45 D '59.

SHIPS—WELDING

Determining deformations and strains produced by longitudinal shrinkage of welded joints. V. I. Vasil'ev Trudy LKI no. 16:105-115 '55.

Fastening deadwood pipes by means of welding. V. A Shumilaev. Sudostroenie 25 no. 12:54-55 D '59.

Selecting the size of angular welded joints in hull construction. V. D. Matskevich. Trudy LKI no. 16.95 104 '55.

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPYARDS

(see also subdivision under Kerch; Novorossiysk, Odessa; Tuapse)

Effectiveness of industrial specialization within a ship repair yard; from practices of the Gadzhiev Shipyard N. V. Zhur. Inform. sbor. TSNIIMF no. 26:4-15 '58.

SHIPYARDS—EQUIPMENT AND SUPPLIES
(see also subdivision under Astrakhan, Odessa, Riga)

Fastening the sheathing by means of cap plugs; Gunboat Repair Yard. A. Lutkov. Inform. sbor. TSNIIMF no.26: 81 '58.

Flanging of hull construction sections on forging rolls; Vano Sturua Ship Repair Yard. M. Vaisman. Inform. sbor. TSNIIMF no.26:33-34 '58.

Marking cargo hold hatch covers with an electric branding device; Gunboat Repair Yard. A. Lutkov. Inform. sbor. TSNIIMF no.26:101 '58.

Mechanization of calking operations; Gunboat Repair Yard. A. Lutkov. Inform. sbor. TSNIIMF no.26:85 '58.

Shipyard scaffolding; Gunboat Repair Yard. [illegible] Inform. sbor. TSNIIMF no.26:98-99 '58.

Skip hoister for cupola furnace charging; Gunboat Repair Yard. V. Korolev. Inform. sbor. TSNIIMF no.26:99-101 '58.

SHIRA, LAKE—CHILDREN—HOSPITALS
Some data on the treatment of peptic ulcer in children in the children's sanatorium at "Shira Lake." A. I. [illegible] Vop. okh. mat. i det. 4 no.6:[illegible] N-D '59.

SHIRAKATSI, ANANIA
The natural philosophical views of Anania Shirakatsi [in Armenian with summary in Russian]. G. I. Khachapian [illegible] no.7/1:143-148 '59.

SHISHKIN, IVAN IVANOVICH, 1832-1898
Kuibyshev. Khudozhestvennyi muzei. [I. I. Shishkin, 1832-1898, on the 125th anniversary of his birth] I. I. Shishkin, 1832-1898; k 125-letiiu so dnia rozhdeniia. [Kuibyshev] Izd. Muzeia, 1957. 11 p.
[MICROFILM]

SHKLOV DISTRICT—FLAX
[illegible] Len i konop. 4 no.11:37-38 N '59.

SHKOTOVO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
In the Far East. K. Shilin. Agitator no.24:51 D '59.

SHMIT, NIKOLAI PAVLOVICH, 1883-1907
Andrianova, I. N. [Master of "The devil's nest"] Khoziain "Chertova gnezda." [Moskva] Mosk. rabochii, 1960. 230 p.

SHOCK
Anaphylactic and shock [illegible] Vest. [illegible]

Comparative evaluation of the effect [illegible]

Prevention of surgical shock [illegible] [with summary in English] [illegible] 99-104 '59.

The protective effect [illegible] development of [illegible]

Treatment of [illegible] injury [with summary in English] [illegible]

SHOCK WAVES
Acceleration of [illegible] strong shock waves [illegible] Dokl. AN [illegible] 131 no.5:1060-1061 Ap '60.

Calculation of gasmagnetic shock wave parameters [with summary in English]. A. Kaplan [illegible] 442 Jl-Ag '59.

Mechanism of [illegible] Dokl. AN [illegible]

SHOE INDUSTRY see subdivision under Kiev, Kirov, Troitsk

SHOE MACHINERY
Levinson, V. N. [Construction and adjustment of shoe machinery] Ustroistvo i naladka obuvnykh mashin. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 345 p.

SHOE MANUFACTURE
Effect of the design of the shoe upper pattern on time expended on machine stitching. V. M. Kiselevskaia, N. P. Zybin. Izv. vys. ucheb. zav.; tekh. leg. prom. no.5:95-105 '59.

Investigating the [illegible] drying of footwear. D. IA. Kra[illegible], V. M. Zelenkin. Izv. vys. ucheb. zav.; tekh. leg. prom. no.5:[illegible] '59.

Nonuniformity of leather stretchability. M. P. Kopryshev, N. P. Zybin. Izv. vys. ucheb. zav.; tekh. leg. prom. no.5:106-120 '59.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-
In the process of artistic development, a study of M. Sholokhov's tales during the 1920's. K. M. [illegible] Uch. zap. LGU no.243:81-101 '59.

SHOOTING CONTESTS
(see also subdivision under Peiping)

According to the new program. I. Kalik. Voen. znan. 36 no.4:35 Ap '60.

Bullets hit the target. IU. Pilashenko. Sov. Kazakh. 34 no.2:115-117 F '60.

Competition for elites. A. IArotskaia. Voen. znan. 36 no.4:33-34 Ap '60.

Vas'kov, L. M. [Shooting as sport in the U.S.S.R.] Strelkovyi sport v SSSR. Moskva, Izd-vo DOSAAF, 1959. 103 p.

On the shooting line. Okh. i okh. khoz. 5 no.11:36 N '59.

SHORE BIRDS see subdivision under Asia, Central

SHORE LINES
Evolution of the shore line in fjord regions. V. A. Kaplin. Izv. Vses. geog. ob-va [illegible] no.1:51-65 '59.

Temperature field in front of a pointed cape (according to model studies). IU. P. Vasil'ev, S. M. Popov. Izv. AN SSSR. Ser. geofiz. no.4:557-565 Ap '60.

SHORE PROTECTION
[illegible] placement of transported material on the southeastern shore of Lake Baikal. N. P. Lukashin. Trudy Vost.-Sib. fil. AN SSSR no.30:11-28 '59.

SHORT STORIES, CHINESE
[Stories by Chinese authors. Translated from the Chinese] Rasskazy kitaiskikh pisatelei. Moskva, Goslitizdat, 1959. 3 v.
(MH)

SHOSHIN, VLADISLAV
Youth and apprenticeship ("The sun shines on the silver white poplars" by Vladislav Shoshin. Reviewed by N. Rashin). Neva no.11:191-195 '59.

SHOT PEENING
Investigating the shot peening of steel by [illegible] Vest. mash. [illegible] no.20:10-112 '59.

SHOTGUNS
(see also subdivision under Great Britain)

M1-[illegible] shotgun. Okh. i okh. khoz. 5 no.11:31 N '59.

SHOULDER—SURGERY
Anatomical basis of muscular plastic surgery in paralysis of the [illegible] G. I. [illegible] Ortop., travm. i protez. 20 no.4:44-49 Ap '59.

SHOULDER JOINT
Functional features of the shoulder joint in mammals [with summary in English]. P. M. Mashkovtsev. Dop. AN URSR no.4:[illegible] '59.

SHOULDER JOINT—DISEASES
Humeroscapular periarthritis, clinical aspects, pathogenesis, diagnosis, and treatment. V. I. Fabrikant. [illegible] no.12:[illegible] D '59.

SHOULDER JOINT—DISLOCATION
Roentgenological symptoms in habitual shoulder dislocation [with summary in English]. V. IU. Goliakhovskii, [illegible] Vest. rent. i rad. 34 no.2:16-22 Mr-Ap '59.

SHOW WINDOWS
(see also subdivision under Rumania)

A refrigerated window glass case. P. Gorbach. Sov. torg. 33 no.1:44-45 Ja '60.

SHOW WINDOWS—AIR CONDITIONING
Cooled glass showwindow. A. Kuznetsova, N. Preobrazhenskaia. Khol. tekh. 36 no.6:39-42 N-D '59.

SHRUBS
(see also subdivision under Bashkiria, Kirghizistan, Soviet Far East, Ukraine)

Book on dendrology ("Manual for the identification of trees and shrubs in a leafless state" by A. I. Novikov. Reviewed by A. I. Vanin). Les. khoz. 12 no.12:78 D '59.

Data on the beginning of flowering in Padus racemosa (Lam.) Gilib., Caragana arborescens Lam., and Betula verrucosa Ehrh. in the Moscow area over a period of 24 years. A. V. [illegible] Bot. zhur. 44 no.11:1639-1640 N '59.

Development of trees and shrubs at the timber line in the mountains of Central Asia. I. T. Vasil'chenko. Bot. zhur. 44 no.12:1717-1720 D '59.

Methods for the selection of starting material in introducing new tree and shrub species. A. M. Kormilitsyn. Trudy Bot. inst. Ser. 6 no.7:485-498 '59.

Regeneration of tree and shrub roots following transplanting. N. V. Nikolaev. Les. khoz. 12 no.12:43-44 D '59.

SHRUBS—DISEASES AND PESTS
[illegible] for the protection of trees and shrubs. I. M. Polyakov, S. V. Andreev, A. V. Khotiarovich. Les. khoz. 12 no.12:49-50 D '59.

SHUB, ESFIR' IL'INICHNA, 1894-
In memory of Esfir' Shub. Vera Stroeva. Isk. kino no.1: 136-139 Ja '60.

SHUL'BA DISTRICT—FARM MECHANIZATION—STUDY AND TEACHING
How we train our machinery operators. A. Kalistratova. Part. zhizn' Kazakh. 26 no.7:30-33 Jl '59.

SHULEIKIN, MIKHAIL VASIL'EVICH, 1884-
Seventy-fifth anniversary of the birth of Mikhail Vasil'evich Shuleikin, outstanding Soviet scientist and radio engineer. Radio no.12:6 D '59.

SHUMOV, IL'IA STEPANOVICH, 1819-1881
Book about an outstanding Russian master ("Artist of the chessboard I. S. Shumov" by I. M. Linder. Reviewed by V. Panov). Shakh. v SSSR 36 no.12:371-373 D '59.

SHUSHA—HEALTH RESORTS, WATERING PLACES, ETC.
Change in the blood picture in children at the mountain health resort of Shusha [in Azerbaijani with summary in Russian]. T. A. Bagdasarova. Azerb. med. zhur. no.12:35-41 D '59.

SHUSHENSKOYE—HISTORIC HOUSES, ETC.
In the village of Shushenskoye. I. Savel'ev. Voen. znan. 36 no.4:13-14 Ap '60.

SHUSHENSKOYE—MUSEUMS
In Shushenskoye. N. Gorodetskii. Bibliotekar' no.4: 30-32 Ap '60.

SHUTTERS, PHOTOGRAPHIC—TESTING
Methods of testing central photographic shutters. A. V. Tolstoukhov. Trudy MIIGAIK no.36:117-122 '59.

Use of loop oscillographs in investigating shutters of aerial cameras. V. D. Tolstoukhov. Trudy MIIGAIK no.32:51-60 '58.

SHYNKLER, KHVIADOS
Interesting study ("Khviados Shynkler" by L. Arabei. Reviewed by IA. Bortkevich). Belarus' 16 no.12:30-31 D '59.

SIAN SHENSI PROVINCE—DESCRIPTION
Here was the site of our first capital. Shih Long. Druzhba no.52:22-24 D '59.

SIBERIA
[Territory where nothing is impossible; foreign journalist on Siberia] Krai, gde net nevozmozhnogo; zarubezhnye zhurnalisty o Sibiri. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1957. 110 p.
(Wa)

SIBERIA—AUTHORS
[Siberian authors; literary and critical essays] Pisateli-sibiriaki, literaturno-kriticheskie ocherki. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1956. 1 v.
(NN)

SIBERIA—COAL MINES AND MINING
Coal of Siberia and of the Far East. N. Zaitsev. Mest. ugl. 8 no.2:3-5 F '59.

SIBERIA—DESCRIPTION AND TRAVEL
Rozhdestvenskii, I. D. [Heroic territory] Bogatyrskii krai. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 148 p. (Massovaia biblioteka rabochego)

There are friends everywhere. I. Plaheska. Ogonek 37 no.52:15-16 D '59.

Zlobin, A. P. [The meridian of Baikal] Baikal'skii meridian. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 100 p.

SIBERIA—DIAMONDS
Diamonds. II. TSyv'ian. Zemlia i shkola 15 no.3:25-27 Mr '60.

SIBERIA—FORESTS AND FORESTRY
Ways of improving forestry in Siberia [with summaries in English, German, and French]. V. V. Ogievskii. Vest. sel'khoz. nauki 4 no.12:78-81 D '59.

SIBERIA—GAS, NATURAL—GEOLOGY
Oil and gas potentials of the northern part of central Siberia. M. K. Kalinko. Trudy NIIGA 92:165-214 '58.

SIBERIA—GUTTERS
Interior gutter pipes for sloping roofs in Siberia. V. K. Petrovskii. Izv. vys. ucheb. zav.; stroi. i arkhit. no.6: 151-163 '59.

SIBERIA—HISTORICAL RESEARCH
Conference of the historians of Siberia and the Soviet Far East. V. M. Shapko. Vop. ist. KPSS 4 no.3:233-235 '60.

SIBERIA—HISTORY
Kommunisticheskaia partiia Sovetskogo Soiuza. Irkutskii. oblastnoi komitet. Otdel propagandy i agitatsii. [Articles and news reports from Siberia in "Iskra," a newspaper edited by Lenin] Sibirskie korrespondentsii v Leninskuiu "Iskru." [Irkutsk] Irkutskoe obl. gos. izd-vo, 1951. 102 p.
[MICROFILM]

SIBERIA—HYDROELFCTRIC POWER STATIONS

First conference on water-power engineering practices in Siberia O M Vasenko Gidr stroi 29 no 12·57-58 D '59

SIBERIA—OIL WELL CEMENTING

Well cementing in Siberia V.V.Sobolevskii. Neftianik 3 no 8 10 Ag '58.

SIBERIA—PETROLEUM GEOLOGY

Oil and gas potentials of the northern part of central Siberia M K.Kalinko. Trudy NIIGA 92 183-214 '58.

SIBERIA—PINE

Conference on the general utilization and reproduction of Siberian pine forests. G V.Krylov, IU P.Khlovnov Izv Sib otd AN SSSR no.11 105-107 '59.

SIBERIA—PODZOL

Azotobacter in the Podzolic soils of Siberia [with summary in English]. G.N.Blinkov, A.N.Novoselova. Mikrobiologiia 28 no 6·911-915 N-D '59.

SIBERIA—PRECAST CONCRETE CONSTRUCTION

Large-panel and frame housing construction in areas where new and idle lands are being brought under cultivation M G Lokshin, N N Davydov Bet i zhel.-bet. no 12 561-563 D '59

SIBERIA—PROSPECTING—GEOPHYSICAL METHODS

Results of geophysical prospecting in the northern part of central Siberia R.M Demenitskaia, N N.Mikhailov Trudy NIIGA 92·95-107 '58.

SIBERIA, EASTERN—AERIAL PHOTOGRAMMETRY

Analyzing physicogeographical features in order to interpret aerial photographs in geological mapping of Eastern Siberia N I Gogina Izv vys ucheb zav., geol i razv 2 no 8·27-36 Ag '59

SIBERIA, EASTERN—COAL MINES AND MINING

Future of the coal mining industry in Eastern Siberia. IA.Mazover Mast.ugl 8 no 3:6-7 Mr '59.

SIBERIA, EASTERN—FUR-BEARING ANIMALS

Why there is less trapping for furs valued for their color. I.Kopylov. Okh.i okh khoz. 5 no.11·2-3 N '59.

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Role of the Glacial period in the relief formation of the Patom Plateau and eastern Transbaikalia N V Bashenina Izv AN SSSR Ser geog no 2 109-117 Mr-Ap '60

SIBERIA, EASTERN—GLACIAL EPOCH

Role of the Glacial period in the relief formation of the Patom Plateau and eastern Transbaikalia N V Bashenina Izv AN SSSR Ser geog no 2 109-117 Mr-Ap '60

SIBERIA, EASTERN—LARCH—DISEASES AND PESTS

Predicting the increase in the population of larch spinner in Eastern Siberia A.S.Rozhkov Les.khoz. 12 no.12 51 D '59

SIBERIA, EASTERN—REVOLUTION, 1917-1921

Skorokhodov, V. P. [History of the partisan movement in Eastern Siberia; the groups of N.A.Burlov and N.A.Kalandarashvili] Iz istorii partizanskoi bor'by v Vostochnoi Sibiri. [Otriady N.A.Burlova i N.A. Kalandarashvili [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 39 p. (Seriia: Pamiatniki rasskazyvaiut)
[MICROFILM]

SIBERIA, WESTERN—ELECTRIC PROSPECTING

Regional investigations by the telluric current method in the northwestern part of Western Siberia. IU.N.Popov. Razved.i prom.geofiz. no.31:38-45 '59.

SIBERIA, WESTERN—GEOLOGY, STRATIGRAPHIC

Quaternary stratigraphy of the cis-Altai region in Western Siberia A M Maloletko. Izv vys.ucheb.zav.; geol i razv. 2 no 8·53-58 Ag '59.

SIBERIA, WESTERN—MEADOW SAXIFRAGE

Introducing some meadow saxifrage species in Western Siberia. E.V.Tiurina. Trudy Bot.inst.Ser 6 no.7· 99-101 '59.

SIBERIA, WESTERN—PLANT INTRODUCTION

Study of wild flowering plants at the Botanical Garden of the West Siberian Branch of the Academy of Sciences of the U.S.S.R. L.P.Zubkus Trudy Bot.inst.Ser. 6 no.7 478-479 '59

SIBERIA, WESTERN—PLANTS—CHEMICAL COMPOSITION

Some data on factors influencing the accumulation of ascorbic acid and carotene in wild plants of Western Siberia. V S.Fedorova. Trudy Bot inst.Ser. 6 no.7· 351-352 '59

SIBERIAN PLATFORM—DIAMONDS

Dibrov, V.E., and others. [Geology and diamond potential of the southwestern Siberian Platform] Geologicheskoe stroenie i almazonosnost' iugo-zapadnoi chasti Sibriskoi platformy. Moskva, Izd-vo Akad.nauk SSSR, 1960. 96 p.

SIBERIAN PLATFORM—MAGNETITE

Relationship of magnetitic mineralization with tectonic structures and magmatism in the southeastern part of the Siberian Platform V I Gon'shakova. Trudy IGEM no 29 109-124 '59

SIDA see subdivision under Gorkiy

SIEROZEM SOILS see subdivision under Vakhsh Valley

SIKHOTE-ALIN' RANGE—TIN ORES

Tin deposits associated with subvolcanic bodies [with summary in English]. N.N.Vasil'kova, A.G.Teremetskaia, V.T Shatskaia. Sov.geol. 2 no.10·81-97 O '59

SILANE

Aminosilanes. Part 2· Methods for the synthesis of some tetraalkoxysilanes. A.P.Kreshkov, L.V.Myshliaeva, L.M.Khananashvili. Zhur ob.khim. 30 no.4:1347-1350 Ap '60.

Catalytic disproportionation of alkyl (alkenyl) dichlorosilanes. A.D.Petrov, V.M.Vdovin. Izv.AN SSSR Otd. khim.nauk. no.3·519-526 '60.

Dehydrohalogenation of certain silicon organic compounds and rearrangement of α, β-dichloroalkyltrichlorosilanes during their dehydrochlorination with aluminum chloride. V.F.Mironov, V.V.Nepomnina, L.A.Leites. Izv. AN SSSR Otd.khim.nauk. no.3·461-468 '60.

Differentiated conductometric titration of a mixture of methylchlorosilanes in nonaqueous solutions. A.P Kreshkov, V.A.Drozdov. Dokl.AN SSSR 131 no 6 1345-1348 Ap '60.

Relative reactivity of some alkenylsilanes in their reactions with trichlorosilane. V.F.Mironov, L.L. Shukovskaia Izv.AN SSSR Otd.khim.nauk no.4:760-762 Ap '60.

Solubility of iron and calcium chlorides in trichlorosilane. D.A.Petrov, I.V.Vlasova, G.V.Zimina. Zhur.neorg. Khim. 4 no.11:2500-2501 N '59.

Thermal telomerization of olefins with silanes. R.Kh. Freidlina and others. Izv.AN SSSR Otd.khim.nauk no.4:662-668 Ap '60

SILICA

Adsorption of vapors on adsorbents with uneven surfaces. Report No.1: Experiments with silica gels whose hydroxyl groups are partly replaced with fluorine atoms M.M.Dubinin and others. Izv.AN SSSR Otd.khim.nauk no 4,588-598 Ap '60.

Structure and catalytic properties of chromic oxide - silica gel catalysts, M.I.Rozengart, A.A.Slinkin, A.M.Rubinshtein. Dokl.AN SSSR 132 no.2:367-370 My '60.

SILICA GEL

Two mechanisms of carbon formation in the decomposition of benzene homologs on silica gel. A.P.Rudenko, A.A. Balandin, I.I.Grashchenko. Izv.AN SSSR Otd.khim. nauk no.4:605-613 Ap '60.

SILICATES

(see also subdivision under Loy-Su Valley)

Aerated concrete and aerated silicate made with ferrosilicon V P.Kuprilanov. Trudy NIIZHB no 8:210-212 '59

SILICIDES

Preparation of disilicides of metals having high fusion temperatures. G.V.Samsonov, M.S.Koval'chenko, T.S. Verkhogliadova. Zhur.neorg.khim. 4 no.12,2759-2765 D '59.

SILICON

Drop method for determining microquantities of boron in silicon [with summary in English]. A.L.Sokolova, N.A. Makharashvili. Zhur.anal.khim. 14 no.6:745 N-D '59.

Effect of deformation on the energy spectrum of holes in germanium and silicon. G.E.Pikus, G.L Bir. Fiz. tver.tela 1 no.11·1642-1658 N '59

Energy barrier between slow surface traps and the body of the material in germanium and silicon. I.I.Abkevich. Fiz.tver.tela 1 no.11:1676-1678 N '59

New pickling solutions for silicon. B.I.El'kin. Zhur. prikl.khim. 32 no.8:1859-1860 Ag '59.

On the melting of Ge and Si. T.A.Kontorova. Fiz.tver. tela 1 no.11:1761-1763 N '59.

Photoelectron emission of germanium and silicon in the amorphous and crystalline states. P.H.Borziak, L.S. Myroshnychenko, O.H.Sarbei. Ukr.fiz.zhur. 4 no 4 524-525 Jl-Ag '59.

Stripping reactions of Be^{9}, Si^{28}, and Bi^{209} nuclei. M I. Zaika, O.F.Niemets'. Ukr.fiz.zhur. 4 no.4·519-522 Jl-Ag '59.

SILICON—ANALYSIS

Conference on the analysis of rare elements. Zav.lab. no 11:1407 '59.

SILICON—ELECTRIC PROPERTIES

Effect of surface treatment on the spectral distribution for photoconductivity of p-silicon. V.A.Petrusevich. Fiz. tver.tela 1 no.11 1695-1698 N '59.

SILICON—OPTICAL PROPTERIES

Optics of thin layers. Part 5· Properties of silicon [illegible] Lisitsa, N.G.TSvelykh Opt i spektr 7 no 4:552 O '59

SILICON—SPECTRA

Quantitative spectrum analysis of carbon steel [illegible] for silicon A.Kh Gavrilutina, M.V.Urliuk. Zav. l 25 no.12,1470 '59

Spectrum analysis of high-purity silicon. [illegible] shtein and others. Zav.lab. 25 no.12,1474 [illegible]

SILICON ALLOYS

Effect of small additions of zirconium, titanium and boron on the structure and properties of silicon [illegible] V M.Chursin, A.IA Zavgorodnii Lit proizv. [illegible] 35-37 D '59.

Thermochemistry of silicomanganese. IU.M.[illegible] P.V.Gel'd. Izv.vys.ucheb.zav.; chern.met. [illegible] 15-27 S '59.

SILICON ALLOYS—METALLOGRAPHY

X-ray investigation of 2d and 3d order effects in [illegible] of silicon steel. IA.I.Mar'ianovskii. Trudy [illegible] 61-74 '59.

SILICON-BRASS ALLOYS—SPECTRA

Spectrum analysis of LK80-3 silicon brass. [illegible] kin. Zav.lab. 25 no.12·1468-1471 '59.

SILICON CARBIDE

Reaction of silicon carbide with metals and oxides [illegible] making of ferroalloys V A.Kravchenko, [illegible] Izv vys ucheb.zav., chern.met no [illegible]

Some questions concerning the strength of powder [illegible] materials made of silicon carbide [with summary in English]. V.T.Trushchenko. Inzh.-fiz.zhur. [illegible] 103-107 Ja '60.

SILICON CRYSTALS

Interaction of dislocations in silicon rendered visible by diffusion of copper. L.S Milevskii. Kristallografiia 4 no 5:785-786 S-O '59.

Negative silicon crystals. N.A.Shamba. Kristallografiia 4 no 5·786-788 S-O '59

SILICON HYDRIDES

Formation of unsaturated organosilicon compounds [illegible] reaction between silicon hydrides and olefins in the presence of iron pentacarbonyl. R.Kh.Freidlina and others. Dokl.AN SSSR 132 no.2,374-377 My '60.

Reactions of silicon hydrides with acrylonitrile in the presence of iron pentacarbonyl and nickel chloride. R.Kh.Freidlina, TS'ao I, E.TS Chukovskaia Dokl AN SSSR 132 no.1:149-152 My '60.

SILICON IODIDE

Phase equilibrium in solutions of silicon tetraiodide [illegible] antimony triiodide V.N.Cheranev, A I Pustil[illegible] Izv.vys.ucheb.zav.; tsvet.met. 2 no 6:147 [illegible]

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS

Formation of unsaturated organosilicon compounds [illegible] reaction between silicon hydrides and olefins in the presence of iron pentacarbonyl. R.Kh.Freidlina [illegible] others. Dokl.AN SSSR 132 no.2:374-377 My '60

Some cases of a reaction involving the redistribution [illegible] radicals in organic compounds of lead, tin, [illegible] G.A.Razuvaev and others. Dokl.AN SSSR 132 [illegible] 364-366 My '60.

Synthesis and conversions of trialkylsilylethynyl[illegible] others. M.F Shostakovskii, E P.Gracheva, I A Kalutenko. Dokl AN SSSR 132 no 1,153-156 My '60

SILICON ORGANIC COMPOUNDS—ELECTRIC PROPERTIES

Investigating the electric properties of some silicon organic liquids. B.N.Dolgov, N.P.Kharitonov, [illegible] Khudobin. Izv.vys.ucheb.zav., energ 2 no 11 [illegible] N '59.

SILK

Importance of the structure of silk fibroin in the establishment of biological codification. K G Ioffe [illegible] nauka i prom. 4 no.5:687-688 '59.

SILK MANUFACTURE see subdivision under Margelan, Uzbekistan

SILKWORM BREEDING

Artificial induction of parthenogenesis in triploid interspecific silkworm hybrids (Bombyx mori L.). B.L Astaurov, V.N.Vereiskaia. Dokl.AN SSSR 131 [illegible] 1426-1429 Ap '60.

Heterogenic crossings in silkworm hybridization. A.A[illegible] mov. Uzb.biol.zhur. no.5:50-54 '59.

SILKWORMS

Concentration and nucleotide composition of nucleic acids in the ontogeny of the silkworm Bombyx mori [with summary in French]. I.B.Zbarskii and others. Zhur. biol. 20 no.6:428-438 N-D '59.

SILKWORMS (Continued)
Effect of royal jelly on the growth and productivity of the silkworm. [illegible] Vokh[illegible] [illegible] 139) 138-[illegible]

Periodicity in the individual development of the [illegible] moth [illegible] Report for [illegible] D. N. Petrov [illegible]

Wage of all [illegible] A. M[illegible] [illegible] '60.

SILOXANES
Investigating the influence of organopolysiloxane coatings on the adhesion of ice to different surfaces. K. A. Andrianov and others. [illegible] 2001 D '60.

Synthesis of polyorganosiloxanes containing different groups in the chain. K. A. Andrianov, [illegible] '60.

SILT
(See subdivision under [illegible])
S. V. [illegible] formation and the [illegible] '60

SILVER—METALLURGY
Effect of small additions on the diffusion coefficient in polycrystalline materials. Part 1: Effect of thallium on the self diffusion of silver. [illegible] A. N. [illegible] 700-711 [illegible] '60

SILVER CITRATE
Determining the [illegible] [illegible] N. Sap

SILVER-INDIUM ALLOYS
[illegible]

SILVERSMITHING see subdivision under Black[illegible]

SILVERSMITHING see subdivision under Kazakhstan

SIMFEROPOL—EDUCATION
Methodological [illegible] new problems. [illegible] D '60

SIMFEROPOL DISTRICT—COOPERATIVE SOCIETIES
[illegible]

SINGING
Effect of [illegible] [with summary in English] [illegible]

Pacovalli, A. M. [illegible] 156 p.

SINGING COMPETITIONS see subdivision under Kiev

SINKIANG PROVINCE see Sinkiang Uighur Autonomous Region

SINKIANG UIGHUR AUTONOMOUS REGION—IRRIGATION FARMING
Development of [illegible]

SINTERING
Investigating the [illegible] formed [illegible] [illegible] powdered metals [illegible] from [illegible] Ch[illegible] [illegible] N '59.

Regulating the [illegible]

Sintering of [illegible] alloys in vacuum. G. V. Samsonov. Metallurgiia [illegible] no.1:25-30 Ja '60.

Some results of [illegible] V. N. [illegible]

SINUSITIS
Method for investigating air exchange in the maxillary sinuses in [illegible] [with summary in English]. A. I. Aronskii. Vest [illegible] N [illegible] '59

SIRTSOU, IVAN, 1932-1959
Ivan Sirtsou [illegible]

SIVERSKIY—VOCATIONAL EDUCATION
Training the students for life and for work. M Kukarin. Nar. obr. no.5:11 My '60.

SIZOVA, MAGDALINA IVANOVNA
"The story of a girl" by M Sizova. Reviewed by G Ko[illegible]. [illegible] 1 51. Ja '60

SKATING
Come out on the ice! [illegible] no 1:30-37 Ja '60
On [illegible] path. [illegible] Zdorov'e 6 no 1:21 Ja '60
[illegible] at the stadium. N. Lisetev. Ogonek 38 no 3:29 Ja '60

Sol'ohov, M. P. [Racing on skates] Kon'kobezhnyi sport. Moskva, Gos. Izd-vo "Fizkul'tura i sport," 1959. 402 p.

A word from [illegible] [illegible] sport [illegible] no.11-13 N '59

SKELETON see subdivision under Garhwal District, India

SKIN
Apparatus for determining human respiration through different segments of the skin. M. M. Petrov. Fiziol. zhur. [illegible] 5 no 8:[illegible] 1130 N D '59.

Effect of ultraviolet rays of different wave length on the electric conductivity of the rabbit skin. I. A. Vorob'eva. [illegible] no.3 [illegible] 177 '60.

[illegible] in the histological structure of the skin in [illegible] V. I. [illegible] skolov. [illegible] '60

Skin temperature in chronic dysentery in young children [illegible]

SKIN—BLOOD SUPPLY
[illegible] in arteries of the head in some vertebrate animals [with summary in English]. I. A. Gorbova. Zool. zhur. 38 no.1:101-111 Ja '59

SKIN—CANCER
[illegible] apparatus for close therapy in cancer of the skin [illegible] Vest. [illegible] '59.

[illegible] [with summary in English] [illegible] Vest. rent. i rad. 34 no [illegible]

SKIN—DISEASES
(See also subdivision under Volkanovskiy District)
Allergic [illegible] in dermatitis. O. M. [illegible]

[illegible] for treating radiation skin injuries [with summary in English]. [illegible] Vest. [illegible] Ap '59

[illegible] Auto Plant [illegible] N D [illegible]

[illegible] and [illegible] I. M. Rozental. [illegible]

[illegible], ed. [Problems in the general pathology, clinical aspects, and treatment of dermatoses; a collection in honor of 45 years of scientific, public, pedagogical and medical activity of Professor O. N. Podvysotskaia, Doctor of Medical Sciences, corresponding member of the U.S.S.R. Academy of Sciences, member of the Academy of Sciences of the U.S.S.R., member of the Academy of Medical Sciences of the U.S.S.R., honored scientist of the R.S.F.S.R., and director of the Skin and Venereal Diseases Department of the I. P. Pavlov First Leningrad Medical Institute] Voprosy obshchei patologii, kliniki i lecheniia dermatozov; sbornik, posviashchennyi 45-letiiu nauchnoi, obshchestvennoi, pedagogicheskoi i lechebnoi deiatel'nosti zaveduiushchei kafedroi kozhnykh i venericheskikh boleznei I-go Leningradskogo meditsinskogo instituta im. akad. I. P. Pavlova, chlena-korrespondenta Akademii nauk SSSR, deistvitel'nogo chlena Akademii nauk [illegible], deistvitel'nogo chlena Akademii meditsinskikh nauk SSSR, zasluzhennogo deiatelia nauk RSFSR, professora Ol'gi Nikolaevny Podvysotskoi. [Leningrad] Medgiz, 1958. 327 p.
(ORLM)

[illegible] in certain skin diseases. A. I. [illegible] Vest. rent. i rad. 34 no.2:[illegible] Mr-Ap [illegible]

Treatment of skin diseases with Naftalan oil. N. Barsukov. [illegible] 5 no.11:48 N '59.

SKIN—INNERVATION
Changes in the electric potentials of the skin in healthy persons and schizophrenia patients at high altitudes [with summary in English]. H. P. Zakharevych and others. Fiziol. zhur. [Ukr.] 5 no 6:828-833 N D '59

SKIN—GRAFTING
Plastic repair of skin defects of the sacral region. V. G. Vainshtein, D. S. Vikhrev. Nov. khir. arkh. no 6:100-101 N D '59

SKIN—WOUNDS AND INJURIES
Trofimova, A. D. [Electrotrauma of the skin] Elektrotravma kozhi. Leningrad, 1947. 166 p.
(MoIU)

SKIN GRAFTING
(See also subdivision under Kirov Province)
[illegible] transplantation of skin in treatment of [illegible] ulcers and long-term unhealed wounds [with summary in English]. P. M. Medvedev. Vest. khir. [illegible]

Dermatoplasty in traumatology and orthopedics [with English summary in appendix]. B. V. Parin. Ortop., travm. i protez. 20 no.11:3-15 N '59.

Free dermatoplasty of the gluteal region under septic conditions following severe pelvic injury [with English summary in appendix]. I. IA. Lafvilin. Ortop., travm. i protez. 20 no.11:78-80 N '59.

Free skin grafting in the treatment of third degree burns [with English summary in appendix]. M. V. Kolokol'tsev. Ortop., travm. i protez. 20 no.11:15-19 N '59.

Homoplastic transplantation of split skin flaps in treatment of large granulating wounds in children [with summary in English]. N. I. Butikova. Vest. khir. 83 no.11:[illegible] N '59.

Method for plastic surgery using Filatov's flap [with English summary in appendix]. M. V. Mukhin. Ortop., travm. i protez. 20 no.11:81-86 N '59.

On skin homoplasty [with summary in English]. [illegible] Rybnikova. Vest. khir. 83 no.11:65-71 N '59.

Plastic repair with free skin grafts following [illegible] amputation [with English summary in appendix]. N. L. [illegible]. Ortop., travm. i protez. 20 no.11:75-[illegible] N '59.

Plastic surgery using an enlarged skin flap in the treatment of extensive wounds caused by burns, some data from Soviet and foreign literature [with English summary in appendix]. N. I. Butikova. Ortop., travm. i protez. 20 no.11:88-92 N '59.

Preservation of skin homotransplants [with summary in English]. [illegible] Vest. khir. 83 no.11:[illegible] N '59

Problem of the permeability (resorption) of the capillaries in transplanted skin under experimental and clinical conditions [with English summary in appendix]. A. I. Ab[illegible] and others. Ortop., travm. i protez. 20 no.11:[illegible] N '59

Problems in early free skin grafting in the treatment of third degree burns [with English summary in appendix]. [illegible] N. Sokolov. Ortop., travm. i protez. 20 no.11:[illegible] N '59

Some aspects of the use of pedicle skin flaps in connection with embedded grafts [with English summary in appendix]. A. K. Tychinkina. Ortop., travm. i protez. 20 no.11:[illegible] N '59.

Some changes in the adenosinetriphosphoric acid content and in succinic dehydrogenase activity of Filatov's flap during its formation and migration [with English summary in appendix]. A. V. [illegible]. Ortop., travm. i protez. 20 no.11:[illegible] N '59.

SKINS see Hides and skins

SKIS AND SKIING
(See also subdivision under Bakuriani; Squaw Valley, Calif.)
Meetings at the ski run. V. Viktorov. Ogonek 38 no.5: 28-29 Ja '60.
Skiing. A. A. Vlasov. [illegible] 6 no 12:44-46 [illegible] '59
[Skiing, rules for competition] Soiuz sportivnykh obshchestv i organizatsii SSSR. Lyzhnyi sport; pravila sorevnovanii. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 126 p.

Vagranov, V. A., and I. A. Mel'nikov. [The ski tracks in laid out] Lyzhnia prolozhena. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 100 p.

SKIS AND SKIING—EQUIPMENT AND SUPPLIES
Miniature ski tow. A. Molchanov, [illegible] Antoshov. Fiz. i sport 20 no.11:35 N '59.

SKULL
Skeleton of the tarpan (Equus caballus gmelini Ant.) and other wild horses of the present. Pt. 1 [with summary in English]. Vera Gromova. Biul. MOIP. Otd. biol. 64 no.4:99-124 Jl-Ag '59

SKULL—TUMORS
Cranial osteomas [with summary in English]. V. I. Zhukov, Zong P'o. Vest. otorin. 21 no.6:63-67 N-D '59.
Medulloblastomas of the posterior cranial fossa in adults. V. S. Alekseeva. Vop. neirokhir. 23 no.6:30-34 N-D '59.
Topography of craniopharyngioma [with summary in English, p. 60]. V. V. Gretskov. Vop. neirokhir. 23 no.6: 13-17 N-D '59.

SKYLIGHTS
Effect of geometric correlations on the performance of windproof exhaust ventilation skylights. I. A. Prokhin. Izv. vys. ucheb. zav.; stroi. i arkhit. no.7:81-88 '59.

SLAG
Calculating the interaction of steel and slag in the electric smelting process. A. I. Khalakov. Trudy Ural. politekh. inst. no 78:157-169 '59.
Effect of early slag formation on hydrogen content in the metal during the open-hearth process. P. V. Umrikhin, K. T. Kurochkin, P. E. Nishel'skii. Trudy Ural politekh inst. no.75:7-19 '59
Frothing of open-hearth furnace slags. M. IA. Medzhibozhskii, E. I. Kurochkin. Izv. vys. ucheb. zav.; chern. met. 3 no 8:39-44 Ag '59.
Melenite distribution in highly aluminous slags. N. G. Meleva, A. I. Ivanov. Trudy Inst. met. UFAN SSSR no.3: 121-124 '59.

SIBERIA—HYDROELECTRIC POWER STATIONS

First conference on water-power engineering practices in Siberia O M Vasenko Gidr stroi 29 no 12·57-58 D '59

SIBERIA—OIL WELL CEMENTING

Well cementing in Siberia. V.V.Sobolevskii. Neftianik 3 no.8 19 Ag '58.

SIBERIA—PETROLEUM GEOLOGY

Oil and gas potentials of the northern part of central Siberia. M.K.Kalinko. Trudy NIIGA 92 183-214 '58.

SIBERIA—PINE

Conference on the general utilization and reproduction of Siberian pine forests. G V.Krylov, IU P.Khlovnov Izv.Sib.otd AN SSSR no 11·105-107 '59.

SIBERIA—PODZOL

Azotobacter in the Podzolic soils of Siberia [with summary in English]. G.N.Blinkov, A.N.Novoselova Mikrobiologiia 28 no.6:911-915 N-D '59.

SIBERIA—PRECAST CONCRETE CONSTRUCTION

Large-panel and frame housing construction in areas where new and idle lands are being brought under cultivation M G.Lokshin, N.N Davydov Bet i zhel -bet. no 12·561-563 D '59

SIBERIA—PROSPECTING—GEOPHYSICAL METHODS

Results of geophysical prospecting in the northern part of central Siberia R.M.Demenitskaia, N.N.Mikhailov. Trudy NIIGA 92·95-107 '58.

SIBERIA, EASTERN—AERIAL PHOTOGRAMMETRY

Analyzing physicogeographical features in order to interpret aerial photographs in geological mapping of Eastern Siberia N I Gogina. Izv vys ucheb zav., geol i razv. 2 no 8·27-36 Ag '59

SIBERIA, EASTERN—COAL MINES AND MINING

Future of the coal mining industry in Eastern Siberia. IA Mazover Mast.ugl. 8 no.3:6-7 Mr '59.

SIBERIA, EASTERN—FUR-BEARING ANIMALS

Why there is less trapping for furs valued for their color. I.Kopytov. Okh.i okh khoz. 5 no.11 2-3 N '59.

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Role of the Glacial period in the relief formation of the Patom Plateau and eastern Transbaikalia N V.Bashenina Izv AN SSSR Ser geog no 2 109-117 Mr-Ap '60

SIBERIA, EASTERN—GLACIAL EPOCH

Role of the Glacial period in the relief formation of the Patom Plateau and eastern Transbaikalia N V Bashenina Izv AN SSSR Ser geog no 2 109-117 Mr-Ap '60

SIBERIA, EASTERN—LARCH—DISEASES AND PESTS

Predicting the increase in the population of larch spinner in Eastern Siberia. A S.Rozhkov Les khoz 12 no 12 51 D '59.

SIBERIA, EASTERN—REVOLUTION, 1917-1921

Skorokhodov, V.P. [History of the partisan movement in Eastern Siberia; the groups of N.A.Burlov and N.A.Kalandarashvili] Iz istorii partizanskoi bor'by v Vostochnoi Sibiri. [Otriady N.A.Burlova i N.A. Kalandarashvili. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 39 p. (Seriia: Pamiatniki rasskazyvaiut) [MICROFILM]

SIBERIA, WESTERN—ELECTRIC PROSPECTING

Regional investigations by the telluric current method in the northwestern part of Western Siberia. IU.N.Popov. Razved.i prom.geofiz. no.31:38-45 '59.

SIBERIA, WESTERN—GEOLOGY, STRATIGRAPHIC

Quaternary stratigraphy of the cis-Altai region in Western Siberia A.M.Maloletko Izv.vys ucheb.zav.; geol i razv 2 no.8:53-58 Ag '59.

SIBERIA, WESTERN—MEADOW SAXIFRAGE

Introducing some meadow saxifrage species in Western Siberia E.V.Tiurina Trudy Bot.inst.Ser. 6 no.7: 99-101 '59.

SIBERIA, WESTERN—PLANT INTRODUCTION

Study of wild flowering plants at the Botanical Garden of the West Siberian Branch of the Academy of Sciences of the U.S.S.R. L P Zubkus. Trudy Bot.inst.Ser. 6 no.7:478-479 '59.

SIBERIA, WESTERN—PLANTS—CHEMICAL COMPOSITION

Some data on factors influencing the accumulation of ascorbic acid and carotene in wild plants of Western Siberia. V S.Fedorova Trudy Bot.inst.Ser. 6 no.7 351-352 '59.

SIBERIAN PLATFORM—DIAMONDS

Dibrov, V.E., and others. [Geology and diamond potential of the southwestern Siberian Platform] Geologicheskoe stroenie i almazonosnost' iugo-zapadnoi chasti Sibriskoi platformy. Moskva, Izd-vo Akad.nauk SSSR, 1960. 96 p.

SIBERIAN PLATFORM—MAGNETITE

Relationship of magnetitic mineralization with tectonic structures and magmatism in the southeastern part of the Siberian Platform V I Gon'shakova Trudy IGEM no 29 109-124 '59

SIDA see subdivision under Gorkiy

SIEROZEM SOILS see subdivision under Vakhsh Valley

SIKHOTE-ALIN' RANGE—TIN ORES

Tin deposits associated with subvolcanic bodies [with summary in English]. N N Vasil'kova, A.G.Teremetskaia, V.T.Shatskaia. Sov geol 2 no.10 81-97 O '59.

SILANE

Aminosilanes. Part 2: Methods for the synthesis of some tetraalkoxysilanes. A.P.Kreshkov, L.V.Myshlineva, L.M.Khananashvili. Zhur.ob.khim 30 no.4,1347-1350 Ap '60

Catalytic disproportionation of alkyl (alkenyl) dichlorosilanes. A.D.Petrov, V.M.Vdovin. Izv.AN SSSR Otd. khim.nauk. no.3:519-526 '60.

Dehydrohalogenation of certain silicon organic compounds and rearrangement of α, β-dichloroalkyltrichlorosilanes during their dehydrochlorination with aluminum chloride. V.F.Mironov, V.V.Nepomnina, L.A.Leites. Izv. AN SSSR Otd.khim.nauk. no.3,461-468 '60.

Differentiated conductometric titration of a mixture of methylchlorosilanes in nonaqueous solutions. A.P. Kreshkov, V.A.Drozdov. Dokl.AN SSSR 131 no.6· 1345-1348 Ap '60

Relative reactivity of some alkenylsilanes in their reactions with trichlorosilane. V.F.Mironov, L.L. Shukovskaia. Izv.AN SSSR Otd.khim.nauk no.4:760-762 Ap '60.

Solubility of iron and calcium chlorides in trichlorosilane. D.A.Petrov, I.V.Vlasova, G.V.Zimina. Zhur.neorg. Khim. 4 no.11.2500-2501 N '59.

Thermal telomerization of olefins with silanes. R.Kh. Freidlina and others. Izv.AN SSSR Otd.khim.nauk no.4;662-668 Ap '60.

SILICA

Adsorption of vapors on adsorbents with uneven surfaces. Report No.1· Experiments with silica gels whose hydroxyl groups are partly replaced with fluorine atoms. M.M.Dubinin and others. Izv AN SSSR Otd.khim.nauk no 4;588-598 Ap '60.

Structure and catalytic properties of chromic oxide - silica gel catalysts. M.I.Rozengart, A.A.Slinkin, A.M.Rubinshtein. Dokl.AN SSSR 132 no.2,367-370 My '60.

SILICA GEL

Two mechanisms of carbon formation in the decomposition of benzene homologs on silica gel. A.P.Rudenko, A.A Balandin, I.I.Grashchenko. Izv.AN SSSR Otd.khim. nauk no.4·605-613 Ap '60.

SILICATES

(see also subdivision under Loy-Su Valley)

Aerated concrete and aerated silicate made with ferrosilicon V.P Kuprilanov. Trudy NIIZHB no 8;210-212 '59

SILICIDES

Preparation of disilicides of metals having high fusion temperatures. G.V.Samsonov, M.S.Koval'chenko, T.S. Verkhogliadova. Zhur.neorg.khim. 4 no.12;2759-2765 D '59.

SILICON

Drop method for determining microquantities of boron in silicon [with summary in English]. A.L.Sokolova, N.A. Makharashvili. Zhur.anal.khim. 14 no.6;745 N-D '59.

Effect of deformation on the energy spectrum of holes in germanium and silicon. G E.Pikus, G.L.Bir Fiz tver.tela 1 no.11·1642-1658 N '59.

Energy barrier between slow surface traps and the body of the material in germanium and silicon. I.I.Abkevich. Fiz.tver.tela 1 no.11;1676-1678 N '59

New pickling solutions for silicon. B.I.El'kin. Zhur. prikl.khim. 32 no.8:1859-1860 Ag '59.

On the melting of Ge and Si. T.A.Kontorova. Fiz.tver. tela 1 no.11·1761-1763 N '59.

Photoelectron emission of germanium and silicon in the amorphous and crystalline states. P.H.Borziak, L S. Myroshnychenko, O.H.Sarbei. Ukr.fiz.zhur. 4 no.4 524-525 Jl-Ag '59.

Stripping reactions of Be^9, Si^{28}, and Bi^{209} nuclei M.I. Zaika, O.F.Niemets'. Ukr fiz.zhur. 4 no.4 519-522 Jl-Ag '59.

SILICON—ANALYSIS

Conference on the analysis of rare elements. Zav.lab. no.11;1407 '59.

SILICON—ELECTRIC PROPERTIES

Effect of surface treatment on the spectral distribution for photoconductivity of p-silicon. V.A.Petrusevich. Fiz. tver.tela 1 no.11 1695-1696 N '59.

SILICON—OPTICAL PROPTERIES

Optics of thin layers. Part 5: Properties of silicon. M.I Lisitsa, N.G TSvelykh Opt i spektr. 7 no 4;552-55 O '59.

SILICON—SPECTRA

Quantitative spectrum analysis of carbon steel (boiling) for silicon. A.Kh Gavriutina, M.V.Uzhuk. Zav.lab. 25 no.12·1478 '59.

Spectrum analysis of high-purity silicon. Kh.I.Zil'bershtein and others. Zav.lab 25 no.12·1474-1476 '59.

SILICON ALLOYS

Effect of small additions of zirconium, titanium, and boron on the structure and properties of silicon brass V.M.Chursin, A.IA Zavgorodnii Lit proizv no 12 35-37 D '59

Thermochemistry of silicomanganese. IU.M.Gertman, P.V.Gel'd. Izv.vys.ucheb.zav., chern.met. 2 no.9: 15-27 S '59.

SILICON ALLOYS—METALLOGRAPHY

X-ray investigation of 2d and 3d order effects in the fatigue of silicon steel. IA.I.Mar'ianovskii. Trudy LIIJ no.29 61-74 '59.

SILICON-BRASS ALLOYS—SPECTRA

Spectrum analysis of LK80-3 silicon brass. B.P.Pastrevkin. Zav.lab. 25 no.12:1468-1471 '59.

SILICON CARBIDE

Reaction of silicon carbide with metals and oxides in the making of ferroalloys. V.A.Kravchenko, S I Khitrik Izv.vys.ucheb zav., chern met. no.4·67-68 '60

Some questions concerning the strength of powder metal materials made of silicon carbide [with summary in English]. V.T.Troshchenko. Inzh.-fiz.zhur. no.1: 103-107 Ja '60.

SILICON CRYSTALS

Interaction of dislocations in silicon rendered visible by diffusion of copper. L S.Milevskii Kristallografiia 4 no 5;765-786 S-O '59

Negative silicon crystals. N.A Shamba. Kristallografiia 4 no.5·786-788 S-O '59

SILICON HYDRIDES

Formation of unsaturated organosilicon compounds in the reaction between silicon hydrides and olefins in the presence of iron pentacarbonyl. R.Kh.Freidlina and others. Dokl.AN SSSR 132 no.2,371-377 My '60

Reactions of silicon hydrides with acrylonitrile in the presence of iron pentacarbonyl and nickel chloride R Kh.Freidlina, TS'ao I, E TS Chukovskaia Dokl AN SSSR 132 no 1,149-152 My '60.

SILICON IODIDE

Phase equilibrium in solutions of silicon tetraiodide and antimony triiodide V N Cherniaev, A I Pustil'nik Izv.vys.ucheb.zav., tsvet.met. 2 no 6;147-153 '59

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS

Formation of unsaturated organosilicon compounds in the reaction between silicon hydrides and olefins in the presence of iron pentacarbonyl. R.Kh.Freidlina and others. Dokl.AN SSSR 132 no.2;374-377 My '60.

Some cases of a reaction involving the redistribution of radicals in organic compounds of lead, tin, and silicon. G.A.Razuvaev and others. Dokl.AN SSSR 132 no.2; 364-366 My '60.

Synthesis and conversions of trialkylsilylethynylvinylalkyl ethers M.F.Shostakovskii, E P.Gracheva, L.A Kalutenko. Dokl AN SSSR 132 no.1·153-156 My '60

SILICON ORGANIC COMPOUNDS—ELECTRIC PROPERTIES

Investigating the electric properties of some silicon organic liquids. B.N.Dolgov, N.P.Kharitonov, IU.I Khudobin. Izv.vys.ucheb.zav., energ 2 no 11;59-66 N '59.

SILK

Importance of the structure of silk fibroin in the establishment of biological codification. K G.Ioffe Khim nauka i prom. 4 no 5;687-688 '59.

SILK MANUFACTURE see subdivision under Margelan, Uzbekistan

SILKWORM BREEDING

Artificial induction of parthenogenesis in triploid interspecific silkworm hybrids (Bombyx mori L.). B.L. Astaurov, V.N.Vereiskaia. Dokl.AN SSSR 131 no.6 1426-1429 Ap '60.

Heterogenic crossings in silkworm hybridization. A.Alimov. Uzb.biol.zhur. no.5;50-54 '59.

SILKWORMS

Concentration and nucleotide composition of nucleic acids in the ontogeny of the silkworm Bombyx mori [with summary in French]. I.B.Zbarskii and others. Zhur.ob. biol. 20 no.6;428-438 N-D '59.

SILKWORMS (Continued)

Effect of royal jelly on the growth and productivity of the silkworm. I B. Voliansʹka. Pratsi Od. un. Zbir. stud. rob no 5:(vol. 149) 118-119 '59

Periodicity in the individual development of the Chinese tussah moth Antheraea pernyi G.-M. Report No. 2: Some enzymes and catalysts of tissue metabolism. D. V Petrova Zhur. ob. biol. 20 no 6 483-486 N-D '59.

Wages of silkworm breeders on collective farms P Belov, A. Mezhenskii Ekon. sel'khoz. 31 no 1·110-111 Ja '60.

SILOXANES

Investigating the influence of organopolysiloxane coatings on the adhesion of ice to different surfaces. K. A. Andrianov and others. Zhur. prikl. khim. 32 no. 12· 2682-2691 D '59.

Synthesis of polyorganosiloxanes containing different groups in the ring. K. A. Andrianov, S. E. IAkushkina. Izv. AN SSSR Otd. khim. nauk. no. 3:457-460 '60.

SILT

(see subdivision under Black Sea)

B. V. Perfil'ev's microzonal theory of silt formation and its significance and applicability in hydrobiology. N. K Deksbakh. Nauch. dokl. vys. shkoly, biol. nauki no. 2: 56-60 '60

SILVER—METALLURGY

Effect of small additions on the diffusion coefficient in polycrystalline materials. Part 3: Effect of thallium on the self-diffusion of silver. V. I. Arkharov, S. M. Klotsman, A. N. Timofeev. Fiz. met. i metalloved. 8 no. 5: 709-713 N '59.

SILVER CITRATE

Determining the solubility of silver citrate in potassium citrate solutions. L. I. Vinogradova, L. L. Getskina, V. I. Ustinskaia. Zhur neorg. khim. 4 no. 12:2828-2829 D '59.

SILVER-INDIUM ALLOYS

Silver-indium alloys. A. A. Rudnitskii, V. P. Poliakova. Zhur. neorg. khim. 4 no. 11:2515-2517 N '59.

SILVERSIDES see subdivision under Black Sea

SILVERSMITHING see subdivision under Kazakhstan

SIMFEROPOL'—EDUCATION

Methodological work should contribute to the solution of new problems. L T. Smun'ov. Rad. shk 38 no. 12:29-31 D '59.

SIMFEROPOL DISTRICT—COOPERATIVE SOCIETIES

Extensive preparations. F. Potapov. Sov. potreb koop. 1 no. 1·11-12 '60.

SINGING

Effect of noise on vocal and motor functions in singers [with summary in English]. V P Morozov, A. M Razvarin Vest LGU 15 no 9 137-142 '60

Pazovskii, A.M. [The conductor and the singer] Dirizher i pevets. Moskva, Gos. muzykal'noe izd-vo, 1959. 156 p.

SINGING—COMPETITIONS see subdivision under Kiev

SINKIANG PROVINCE see Sinkiang-Uigur Autonomous region

SINKIANG-UIGUR AUTONOMOUS REGION—IRRIGATION FARMING

Development of water economy in the Sinking-Uigur Autonomous Region, Chinese People's Republic. S. V. Poslavskii. Gidr. i mel. 11 no. 12:40-45 D '59.

SINTERING

Investigating the causes of the diffusion activity in deformed crystalline solids. Part 2: Sintering of electrolytically prepared metals according to data resulting from experiments on models. IA. E. Geguzin, N. N. Ovcharenko. Fiz. met. i metalloved. 8 no. 5:714-720 N '59.

Regulating the lumpiness of sinter. B. M. Nosovitskii. Izv vys ucheb. zav., chern. met no. 4:37-49 '60.

Sintering of tungsten-titanium-cobalt hard alloys in vacuum. G. V. Samsonov. Metalloved. i term. obr. met. no. 1:25-29 Ja '60.

Some results of studying the rhenium - beryllium system. V. N. Bulanov, I. N. Frantsevich. vop. por. met. i prochn. mat. no. 6:32-35 '58.

SINUSITIS

Method for investigating air exchange in the maxillary sinuses in highmoritis [with summary in English]. A. I. Aronskii. Vest. otorin. 21 no. 6:68-71 N-D '59.

SIUTSOU, IVAN, 1922-1959

Ivan Siutsou; obituary. Belarus' 16 no. 12:27 D '59.

SIVERSKIY—VOCATIONAL EDUCATION

Training the students for life and for work. M. Kachurin. Nar. obr. no. 5:14 My '60.

SIZOVA MAGDALINA IVANOVNA

"The story of a girl" by M. Sizova. Reviewed by G. Karnaukhova. Zvezda no. 1:217 Ja '60

SKATING

Come out on the ice! IU. Ivashkin Sem'ia i shkola 15 no. 1 46-47 Ja '60

On an icy path L I. Abrosimova Zdorov'e 6 no 1 21 Ja '60.

Salute at the stadium. N. Kiselev Ogonek 38 no. 3·29 Ja '60.

Sokolov, M. P. [Racing on skates] Kon'kobezhnyi sport. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 402 p.

A word from racers Fizk i sport 29 no 11 13 N '59

SKELETON see subdivision under Garhwal District, India

SKIN

Apparatus for determining human respiration through different segments of the skin. M. M Petrun' Fiziol. zhur [Ukr.] 5 no 6·837-840 N-D '59

Effect of ultraviolet rays of different wave length on the electric conductivity of the rabbit skin. I. A. Vorob'eva. Nauch. dokl. vys. shkoly; biol. nauki no. 2.173-177 '60.

Fall changes in the histological structure of the skin in walruses (Odobaenus rosmarus L.). V. E. Sokolov. Nauch. dokl. vys. shkoly, biol. nauki no. 2 43-48 '60.

Skin temperature in chronic dysentery in young children. I. F. Fazylov, Z. R IUnusov, S. Kh. Shamansurov. Izv AN Uz SSR. Ser. med. no. 6·55-59 '59

SKIN—BLOOD SUPPLY

Skin arteries of the head in some vertebrate animals [with summary in English]. I. A. Gurkova Zool zhur. 38 no 1:103-111 Ja '59.

SKIN—CANCER

RUM-7 apparatus for Chaul therapy in cancer of the skin and mucosa. A. I. Ruderman, L. F. Uspenskaia. Vest. rent. i rad. 34 no. 2.67-71 Mr-Ap '59.

Treatment of malignant melanomas [with summary in English]. M. M. Nivinskaia. Vest. rent. i rad. 34 no. 2 26-31 Mr-Ap '59.

SKIN—DISEASES

(see also subdivision under Vulkaneshty District)

Allergic medical bullous dermatitis. O. IA. SAndovskii. Probl. tub. 37 no. 7:95-96 '59.

Continued method for treating radiation skin injuries [with summary in English]. N. S. Karantseva. Vest. rent. i rad. 34 no. 2:47-51 Mr-Ap '59.

Control of pyoderma at the Likhachev Auto Plant. P A. Ladunkin. Gig truda i prof zab. 3 no 6: 37-30 N-D '59

Goose pimples and pityriasis rosea. L. M. Rozentul. Zdorov'e 5 no. 12:28 D '59.

Gorbovitskii, S. E., ed. [Problems in the general pathology, clinical aspects, and treatment of dermatoses; collection in honor of 45 years of scientific, public, pedagogical, and medical activity of Professor Olga Nikolaevna Podvysotskaia, corresponding member of the U.S.S.R. Academy of Sciences, member of the Academy of Sciences of the U.S.S.R., member of the Academy of Medical Sciences of the U.S.S.R., honored scientist of the R.S.F.S.R., and director of the Skin and Venereal Disease Department of the I.P. Pavlov First Leningrad Medical Institute] Voprosy obshchei patologii, kliniki i lecheniia dermatozov; sbornik, posviashchennyi 45-letiiu nauchnoi, obshchestvennoi, pedagogicheskoi i lechebnoi deiatel'nosti zaveduiushchei kafedroi kozhnykh i venericheskikh boleznei I-go Leningradskogo meditsinskogo instituta im. akad. I. P. Pavlova, chlena-korrespondenta Akademii nauk SSSR, deistvitel'nogo chlena Akademii nauk SSR, deistvitel'nogo chlena Akademii meditsinskikh nauk SSSR, zasluzhennogo deiatelia nauk RSFSR, professora Ol'gi Nikolaevny Podvysotskoi. [Leningrad] Medgiz, 1958. 327 p. (DNLM)

Radiophosphorus therapy in certain skin diseases. A. F. TSiurko. Vest. rent. i rad. 34 no. 2.91-92 Mr-Ap '59.

Treatment of skin diseases with linden tar. N. Barsukov. Okh. i okh. khoz. 5 no. 11:38 N '59.

SKIN—INNERVATION

Changes in the electric potentials of the skin in healthy persons and schizophrenia patients at high altitudes [with summary in English]. H. P. Zakharevych and others. Fiziol. zhur. [Ukr.] 5 no. 6:828 833 N-D '59.

SKIN—ULCERS

Plastic repair of skin defects of the sacral region. V. G. Vainshtein, B. S. Vikhriev. Nov. khir. zhur. no. 6:100-101 N-D '59

SKIN—WOUNDS AND INJURIES

Troitskaia, A. D. [Electrotrauma of the skin] Elektrotravma kozhi. Leningrad, 1947. 166 p. (MnU)

SKIN GRAFTING

(see also subdivision under Kirov Province)

Auto- and homotransplantation of skin in treatment of trophic ulcers and long-term unhealed wounds [with summary in English]. P. M. Medvedev. Vest. khir. 83 no 11:60-64 N '59.

Dermatoplasty in traumatology and orthopedics [with English summary in appendix]. B. V Parin. Ortop., travm i protez. 20 no 11:3-15 N '59

Free dermatoplasty of the gluteal region under septic conditions following severe pelvic injury [with English summary in appendix]. L. IA TSiv'ian. Ortop., travm. i protez 20 no. 11:78-80 N '59.

Free skin grafting in the treatment of third degree burns [with English summary in appendix]. M V Kolokol'tsev. Ortop, travm i protez. 20 no. 11 15-19 N '59

Homoplastic transplantation of split skin flaps in treatment of large granulating wounds in children [with summary in English]. N. I. Butikova Vest khir. 83 no. 11 71-75 N '59.

Method for plastic surgery using Filatov's flap [with English summary in appendix]. M. V. Mukhin. Ortop., travm. i protez. 20 no. 11:83-88 N '59.

On skin homoplasty [with summary in English]. E. I. Rybnikova. Vest khir. 83 no 11·65-71 N '59.

Plastic repair with free skin grafts following brachial amputation [with English summary in appendix]. N. E. Povstianoi. Ortop., travm. i protez. 20 no. 11:75-76 N '59.

Plastic surgery using an enlarged skin flap in the treatment of extensive wounds caused by burns, some data from modern foreign literature [with English summary in appendix]. N. I. Butikova Ortop, travm. i protez. 20 no. 11·88-92 N '59.

Preservation of skin homotransplants [with summary in English]. I. V. Tatkalo. Vest. khir. 83 no 11.76-79 N '59.

Problem of the permeability (resorption) of the capillaries in transplanted skin under experimental and clinical conditions [with English summary in appendix]. A. E. Alekseev and others. Ortop, travm. i portez. 20 no. 11·36-42 N '59

Problems in early free skin grafting in the treatment of third degree burns [with English summary in appendix]. L N. Sokolov Ortop, travm. i protez. 20 no 11 10-23 N '59

Some aspects of the use of pedicle skin flaps in association with embedded grafts [with English summary in appendix]. A. K. Tychinkina. Ortop., travm. i protez. 20 no 11:29-33 N '59.

Some changes in the adenosinetriphosphoric acid content and in succinic dehydrogenase activity of Filatov's flap during its formation and migration [with English summary in appendix] A. V. Gor'kova. Ortop., travm. i protez. 20 no. 11·33-36 N '59.

SKINS see Hides and skins

SKIS AND SKIING

(see also subdivision under Bakuriani; Squaw Valley, Calif.)

Meetings at the ski run. V. Viktorov. Ogonek 38 no. 3: 28-29 Ja '60

Skiing A A Vlasov. Sred. spets. obr 6 no 12 44-46 D '59.

[Skiing, rules for competition] Soiuz sportivnykh obshchestv i organizatsii RSFSR. Lyzhnyi sport; pravila sorevnovanii. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 120 p.

Vagranov, V. A., and L A. Mel'nikov. [The ski tracks is laid out] Lyzhnia prolozhena. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 100 p.

SKIS AND SKIING—EQUIPMENT AND SUPPLIES

Minature ski tow. A. Maleinov, IU. Anisimov Fizk i sport 29 no 11 25 N '59.

SKULL

Skeleton of the tarpan (Equus caballus gmelini Ant.) and other wild horses of the present. Pt. 1 [with summary in English]. Vera Gromova. Biul. MOIP. Otd biol. 64 no. 4:90-124 Jl-Ag '59.

SKULL—TUMORS

Cranial osteomas [with summary in English]. V. I. Zhukov, Zung P'o. Vest. otorin. 21 no. 6:62-66 N-D '59.

Medulloblastomas of the posterior cranial fossa in adults. V. S. Alekseeva. Vop. neirokhir. 23 no. 6:30-33 N-D '59.

Topography of craniopharyngioma [with summary in English, p. 60]. V. V. Grekhov. Vop. neirokhir. 23 no. 6: 12-17 N-D '59.

SKYLIGHTS

Effect of geometric correlations on the performance of windproof exhaust-ventilation skylights. I. A. Frukht. Izv. vys. ucheb. zav., strol. i arkhit. no. 7:81-88 '59.

SLAG

Calculating the interaction of steel and slag in the electric smelting process. A. I. Kholodov. Trudy Ural. politekh. inst no. 75:157-169 '59.

Effect of early slag formation on hydrogen content in the metal during the open-hearth process. P. V. Umrikhin, K. T. Kurochkin, P. E. Nizhel'skii. Trudy Ural. politekh. inst. no. 75:7-19 '59.

Frothing of open-hearth furnace slags. M. IA. Medzhibozhskii, E. I. Korochkin. Izv vys. ucheb zav.; chern met. 2 no. 8:39-44 Ag '59.

Helenite distribution in highly aluminous slags. N. G. Moleva, A. I. Ivanov. Trudy Inst. met. UFAN SSSR no. 3: 121-123 '59.

SLAG (Continued)

Investigating slag formation during the period of charge fusion in an electric arc steel smelting furnace. A. I. Khokhlov. Trudy Ural politekh inst no.75:170-180 '59.

Rosinskii, E. E. [Lightweight building and mineral wool made of slags from the copper-nickel industry] Legkovesnyi tekhnicheskii kamen' i mineral'naia vata iz shlakov medno-nikelevoi promyshlennosti. Moskva, TSentr. in-t informatsii tsvetnoi metallurgii, 1959. 41 p.

Sulfur removal from slag by electrolysis. O. A. Esin, S. I. Popel', S. K. Chuchmarev. Izv.vys.ucheb.zav.; chern.met. no.3:5-9 '60.

Temperature dependence of the rate of desulfuration of cast iron by slags of the system $CaO - Al_2O_3 - SiO_2$ [with summary in English]. V. V. Fomin, O. V. Travin, E. N. IArkho. Zhur.fiz.khim. 33 no.12:2682-2689 D '59.

Viscosity of blast furnace aluminum silicate slags. V. I. Kosatich. Izv.vys.ucheb.zav.; chern.met. no.4:50-54 '60.

Water permeability of liquid basic slags. V. F. Bogatenkov, P. V. Umrikhin, K. T. Kurochkin. Trudy Ural.politekh. inst. no.75:20-25 '59.

SLAG—ANALYSIS

Certain characteristics of chromium-bearing slags produced during the melting stage of the open-hearth process. A. I. Klein, V. A. Startsev, P. V. Umrikhin. Izv.vys.ucheb.zav.; chern.met. 3 no.8:45-53 Ag '60.

Distribution of phosphorus between metal and slag considering ionic and covalent bonds in slag components. N. M. Chuiko. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.2:26-30 Mr-Ap '60.

Electrochemical study of the interaction between metallic iron and liquid slag (displacement of nickel from slags by the iron). S. F. Vainburd, V. I. Khokhlov. Izv.vys. ucheb.zav.; tsvet.met. 3 no.1:40-44 '60.

Method of separating minerals from multiphase titanium slags. IA. I. Matveeva. Izv.AN SSSR.Otd.tekh.nauk. Met.i topl. no.2:140-143 Mr-Ap '60.

Mineralogical and petrographic study of slags from lead smelting. G. A. Dashkin, G. V. Khotagurov. Izv.vys. ucheb.zav.; tsvet.met. 3 no.6:112-120 '59.

SLAG—SPECTRA

Spectrum analysis of slags from nonferrous metals. N. I. Lebedeva, M. M. Rysina. Zav.lab. 25 no.12: 1459-1461 '59.

SLAG—TESTING

Studying the viscosity of synthetic slags in the reduction period of the electric smelting of steel. G. V. Mamontov. Trudy Ural politekh inst no.75:143-150 '59.

SLAG—THERMAL PROPERTIES

Heat content and the fusion temperature of slags in shaft furnace lead smelting. V. P. Vladimirov, V. I. Smirnov. Izv.AN Kazakh.SSR.Ser.met.obog.i ogneup. no.1:34-39 '59.

SLAG CEMENT

Porous concretes made with wet-ground slag cements. I. A. IAkub. Trudy NIIZhB no.8:110-120 '59.

Using photocolorimetric methods in determining SiO_2, Al_2O_3, Fe_2O_3, and MgO in slag raw mixes. K. G. Kondratova, I. A. Sazhina, I. I. Gorevich. TSement 25 no.6:26-27 N-D '59.

SLANTSY—GAS PRODUCERS

Lowering the dust content of producer gas. A. E. Mitrofanov, M. M. Barashchevskii. Trudy VNIIPS no.4:188-190 '55.

SLANTSY (LENINGRAD PROVINCE)—GAS PRODUCERS—TESTING

Testing shale gas generators at the shale gas producing plant in Slantsy. IA. I. Vainshtein. Trudy VNIIT no.8:54 '59.

SLANTSY (LENINGRAD PROVINCE)—OIL SHALES

Quality of Gdov oil shale in its bed. A. P. Sivertsev. Trudy VNIIT no.8:21-27 '59.

SLASH (LOGGING)

Experience in pressing slash. G. M. Vasil'ev, P. P. Samonov. Nauch.dokl.vys.shkoly; lesoinzh.delo no.3: 101-104 '59.

SLAUGHTERING AND SLAUGHTERHOUSES

Sanitary and hygienic measures in the primary processing of animals. I. Zagaevskii. Mias.ind.SSSR 30 no.6: 26-30 '59.

SLAVERY see subdivision under Kazakhstan

SLAVIC LANGUAGES

Khodova, K. I. [Linguistic relationship of the Slavic peoples, based on vocabulary] IAzykovoe rodstvo slavianskikh narodov, na materiale slovaria. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1960. 63 p.

On the formation of national eastern Slavic literary languages. N. I. Tolstoi. Vop.iaz. 8 no.6:61-67 N-D '59.

SLAVIC LANGUAGES—ADJECTIVE

Possessive adjectives in early translations from the Greek. S. V. Frolova. Nauch.dokl.vys.shkoly; filol. nauki no.4:95-106 '59.

Synonyms of some adjectives in the eastern Slavic languages. A. I. Iova. Ukr.mova v shkoli 9 no.6:9-14 N-D '59.

SLAVIC LANGUAGES—TRANSLATIONS FROM THE GREEK

Possessive adjectives in early translations from the Greek. S. V. Frolova. Nauch.dokl.vys.shkoly; filol.nauki no.4:95-106 '59.

SLAVIC STUDIES

The present state of and perspectives for the future development of Soviet Slavic studies. V. V. Vinogradov. Vop. iaz. 8 no.6:3-17 N-D '59.

SLAVS IN LITERATURE

Doroshenko, K. P. [T. H. Shevchenko and the Slavs] T. H. Shevchenko i slov'iany. Kyiv, 1959. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. XII, no.9)

SLEEP

Effect of sleep on the secretory activity of the stomach in dogs [with summary in English]. A. P. Polonchuk. Fiziol. zhur. [Ukr.] 5 no.6:728-742 N-D '59.

Nocturnal gastric secretion in patients with gastritis and peptic ulcer [with summary in English]. I. N. Ivakhin. Terap.arkh. 31 no.12:21-26 D '59.

SLOVAK BALLADS AND SONGS

("Slovak folk ballads", collected and commented [in Slovak] by Jiri Horak. Reviewed by N. Velets'ka). Nar. tvorch.ta etn. 3 no.3:132-133 Jl-S '59.

SLOVAKIA—BOTANY—PERIODICALS

"Biologia," vol.14, nos.1-12, 1959 [in Slovak]. Reviewed by I. P. Dibskii. Ukr.bot.zhur. 16 no.5:104-105 '59.

SLOVAKIA—STEEL INDUSTRY

The steel of eastern Slovakia; interview with [illegible] Horak, Czechoslovak Ambassador to the U.S.S.R. Nov.vrem. 18 no.16:22 Ap '60.

SLOVECHNO DISTRICT—AGRICULTURE

The people of Polesye. Borys Kharchuk. Ukraina no.3 10-21 Ja '60.

SLUICE GATES

Destruction of water gate made of low-alloy steel. S. I. Kondrat'ev, V. K. Komarov. Gidr.stroi. 31 no.4 15-17 Ap '60.

Improve designs of packing devices for water gates of hydraulic structures. V. V. Burkov. Gidr.stroi. 31 no.4:54-56 '60.

SLUTSKII, BORIS IL'ICH, 1900-1959

I. I. Slutskii; obituary. Izv.vys.ucheb.zav.; prib. 3 no.1 1 '60.

SMELA DISTRICT—SANATORIUMS

We came to Chervonyi Kut. I. Ivanov. Ukraina no.24:10 D '59.

SMELL

Mystery of the sense of smell. H. Frolov. Tekh.mol. 27 no.12:27-29 '59.

SMELTING

Effect of the technological process of steel smelting on the tendency of castings to crack. I. A. Gorlach. Trudy Ural. politekh.inst. no.75:194-200 '59.

Similarity and dissimilarity in the cyclone and fluidized-bed smelting processes. I. P. Bastina, S. V. Lindenberg. Vest.AN Kazakh.SSR 15 no.12:90-94 D '59.

SMELTING FURNACES

Effect of zinc sulfide contained in raw materials on the performance of reverberatory furnaces. P. I. Volkova, N. P. Diev, M. I. Kochnev. Trudy Inst.met.UFAN SSSR no.3:79-92 '59.

Experimental method of determining the best charge composition for reverberatory copper smelting. Kh. K. Avetisian, N. A. Isakova. Trudy Inst.met.UFAN SSSR no.3 75-78 '59.

Heat content and the fusion temperature of slags in shaft furnace lead smelting. V. P. Vladimirov, V. I. Smirnov. Izv. AN Kazakh.SSR.Ser.met.obog.i ogneup. no.1:34-39 '59.

Investigating shaft furnace smelting of Ural Mountain sulfide copper ores. N. P. Diev and others. Trudy Inst. met.UFAN SSSR no.3:21-35 '59.

SMELTS

Spawning of the capelin in the aquarium. B. P. Pozdniakov. Izv.Kar.i Kol'.fil.AN SSSR no.1:145-147 '59.

SMIRNOV, ALEKSEI PETROVICH, 1899-

On the sixtieth birthdays of A. P. Smirnov and V. D. Blavatskii. Sov.arkheol. no.4:3-4 '59.

SMOKED MEAT see Meat, Smoked

SMOKING

Smoking is a harmful habit. A. Tokarev. [illegible]

SMOLENSK—CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Multiple-style [illegible]

SMOLENSK—MEDICINE—STUDY AND TEACHING

Work of the Smolensk Medical Institute [illegible] personnel. G. M. [illegible] Zdrav.Ros.Feder. [illegible] '59.

SMOLENSK—TEXTILE INDUSTRY—HYGIENIC ASPECTS

It is difficult [illegible]

Work of the medical center at the [illegible] O. D. Polybina. [illegible] '59.

SMOLENSK PROVINCE—AGRICULTURE

[illegible]

SMOLENSK PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

[illegible]

SMOLENSKOYE DISTRICT—RURAL CONDITIONS

[illegible]

SMOLEVICHI DISTRICT—NEWSPAPERS AND PERIODICALS—CIRCULATION

[illegible]

SMUTS

Differences between [illegible]

SNOW

[illegible]

SNOW—DENSITY

[illegible]

SNOW FENCES

[illegible]

SOAP

[illegible]

SOAP—ANALYSIS

Determination of the total fatty acid [illegible] and analysis for [illegible]

SOAP INDUSTRY—EQUIPMENT AND SUPPLIES see [illegible] under Leningrad

SOBO-KHAYA REGION—PALYNOLOGY

Palynological data on the age of deposits [illegible] elevation of Sobo Khaya [illegible] V. V. Pavlov. [illegible]

SOBOPOL VALLEY—GEOLOGY, STRATIGRAPHIC

Preliminary results of a stratigraphic study of [illegible] deposits in the [illegible] region. L. A. [illegible] no.12 [illegible] '59.

SOCCER

(See also subdivision under Bulgaria, Wolverhampton, England)

[illegible]

SOCCER (Continued)

[Soccer schedule] Futbol'nyi kalendar', posv... [illegible] pervenstvu po futbolu klass "A" [illegible] 1960 [illegible] [Moskva] Izd-vo "Moskovskaia pravda," 1960. [illegible] p.

[Soccer schedule] Futbol'nyi [illegible], posv... [illegible] pervenstvu po futbolu [illegible] 1960 [illegible] [Moskva] Izd-vo "Mosk. pravda," 1960. [illegible] p.

Thinking over the [illegible] no.23 [illegible]

We need a long [illegible] no.11 14 16 '60.

When the [illegible] no.[illegible]

When [illegible] V. Alt[illegible]

SOCIAL REFORM — [illegible]

Some [illegible] region. [illegible]

SOCIAL CLASSES

Semenov, V.S. [Classes and class struggle [illegible] from [illegible] [illegible] Izd-vo [illegible] 1959. [illegible] p.

SOCIAL CONFLICT

(see also subdivision [illegible])

[illegible] no.[illegible]

SOCIAL GROUP WORK [illegible]

SOCIAL HYGIENE see Public health

SOCIAL PROBLEMS

With [illegible]

SOCIAL PSYCHOLOGY

[illegible]

SOCIAL SCIENCES — BIBLIOGRAPHY see Bibliography — Social sciences

SOCIALISM

Foster, William Z. [illegible] [illegible] 1959. [illegible] p.

SOCIALIST COMPETITION

(see also subdivision [illegible] Petropavlovsk, [illegible] Uzbekistan)

At the [illegible]

[illegible]

Chagin, B.A. [illegible] 1959. [illegible] p.

[illegible]

[illegible]

How we can increase labor productivity. [illegible]

In the All [illegible]

[illegible]

[illegible]

Outstanding [illegible]

[The 50th anniversary of the first [illegible] [illegible] 1959. [illegible] p.

[illegible]

Te[illegible]

SOCIALIST PARTIES

(see also subdivision under America [illegible] Germany, West)

Krivoguz, I.M. [illegible] 1959. 51 p.

SOCIALIST PARTY see subdivision under Germany, West

SOCIETY, PRIMITIVE

(see also subdivision under Australia)

[illegible] private property and the state [illegible] A.I. [illegible]

SOCIOLOGY — BIBLIOGRAPHY see Bibliography — Sociology

SODA INDUSTRY — EQUIPMENT AND SUPPLIES

[illegible]

[illegible]

SODIUM

[illegible]

SODIUM [illegible]

[illegible]

SODIUM [illegible]

[illegible]

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SODIUM [illegible]

[illegible]

SODIUM [illegible]

[illegible]

SODIUM [illegible]

[illegible]

SODIUM PEROXYMOLYBDATE

[illegible]

Indirect method of determining the heats of decomposition of some molybdenum peroxide compounds. [illegible] Zhur. neorg. khim. [illegible] '60.

SODIUM PEROXYTUNGSTATE

Direct method of determining the heats of decomposition of some peroxide compounds of molybdenum and tungsten. [illegible] Zhur. neorg. khim. [illegible] '60.

SODIUM PHOSPHATE

Use of a phosphate reagent for cleaning raw juice [illegible] A.A. [illegible] '60.

SODIUM SALTS

Industrial preparation of natural soda. [illegible] Zhur. prikl. khim. 33 no.8:1858-1861 Ag '60.

SODIUM SILICATES — ELECTRIC PROPERTIES

Coefficient of sodium ion self-diffusion in sodium [illegible] silicates. [illegible] no.2 [illegible] '60.

SODIUM SULFATE

Solubility in the system [illegible] Zhur. neorg. khim. [illegible] '60.

Solubility in the system [illegible] [illegible] '60.

Solubility of salts in the system [illegible] Zhur. neorg. khim. [illegible] '60.

SOFIA — CATHEDRALS

[illegible] Cathedral of Saint Aleksandr Nevskii in [illegible] Mosk. [illegible]

SOGDIAN MANUSCRIPTS see Manuscripts, Sogdian

SOIL — TESTING

[illegible] investigation of the plastic soil [illegible] subjected to [illegible] M. [illegible] '60.

SOIL ABSORPTION

Method for determining the rate of movement of the [illegible] '60.

SOIL ACIDITY

[illegible] of forest litter on the young [illegible]

SOIL AERATION

[illegible] the yields of plants by [illegible] without the [illegible] '60.

SOIL BIOLOGY — BIBLIOGRAPHY see Bibliography — Soil biology

SOIL CHEMISTRY

(see also subdivision under Isfayramsay Valley; Kashka Dar'ya Valley, Shakhrisabz District)

[illegible] of certain trace elements in soils and plants [illegible] no.[illegible]

[illegible] soils (with summary in English). [illegible] '60.

SOIL CHEMISTRY — BIBLIOGRAPHY see Bibliography — Soil chemistry

SOIL FERTILITY

Effect of cultivation practices on increasing the fertility of light soils. A.A. [illegible] '60.

Effect of [illegible] on the fertility of [illegible] soils (with summary in English). V.I. [illegible] '60.

Effect of [illegible] on the fertility of [illegible] soils (with summary in English, German [illegible]) [illegible] '60.

Increasing the productivity of [illegible] the biological cycle of nitrogen and [illegible] '60.

[illegible] of increasing soil fertility. [illegible] '60.

SOIL FORMATION

[illegible] stages of weathering and soil formation on [illegible] V.G. [illegible] '60.

SOIL FORMATION — BIBLIOGRAPHY see Bibliography — Soil formation

SOIL FREEZING

Relation between the time of freezing and the amount of water contained in finely dispersed soils A A Ananian Vest Mosk un Sei biol , pochv., geol , geog 14 no. 2·171-180 '59

SOIL MECHANICS

About the tendency of some soils of the Central Urals toward sagging deformations and about the term "macroporus clayey soil." L. I. Korzhenko. Osn., fund. i mekh. grun no. 6:23-25 '59.

Correlation between ground shear strength and moisture. V. M. Vladimiro. Izv. Sib. otd. AN SSSR no 11 26-31 '59

Information. Osn., fund. i mekh. grun. no. 6,28-30 '59.

Interaction of soil with earth-retaining surfaces [with summary in English p 83] H M Petrenko Visnyk ABiA URSR no 4 40-44 '59

Is the ground under our feet stable , ° E Novikov. Znan sila 34 no 11·33-34 N '59.

Letter to the editor. Dokl. AN Tadzh. SSR 2 no. 1,69 '59.

Precast foundations on sagging and light soils. P. I. Drainshnikov. Nov. stroi tekh. no 13 174-188 '59

Refining the approximate method for designing buildings to be constructed on ground located over mines. V. I. Rezichenko. Nov. v stroi tekh no 13·40-55 '59.

Some data on engineering and geological properties of spondylid clays from the Kiev region in connection with their history of formation and conditions of occurrence. I. A. Safokhina. V. A. Priklonskii. Trudy Lab. gidrogeol probl. 22·70-74 '59.

Some specific engineering and geological properties of loess of the southern Ukraine from the left-bank area of the Dnieper River. V S. Bykova. Trudy Lab gidrogeol. probl 22·75-86 '59.

Structural and mechanical properties of silts of the Black Sea and their diagenetic modifications. I. M. Gor'kova, N. A. Dushkina, K. N Riabicheva. Trudy Lab gidrogeol. probl 22·55-69 '59.

Study of structural and mechanical properties of some clays. I. M Gor'kova, K. N. Riabicheva. Trudy Lab. gidrogeol. probl 22;9-40 '59.

Taking into account heterogeneous properties of highway soil foundations. V M. Sidenko. Izv. vys. ucheb. zav , stroi. i arkhit no. 6 112-116 '59.

Use of scintillation counters in gamma-ray measurements V E Nesterov Atom energ 8 no 5 461-463 My '60

SOIL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MECHANICS—RESEARCH

Coordinating research in soil mechanics and foundation engineering. Osn., fund. i mekh. grun. no. 6.1-2 '59.

SOIL MICRO-ORGANSIMS

Berezova, E. F. [Microbes and the life of plants] Mikroby i zhizn' rastenii. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 6)

Effect of thiamine and biotin on the development of certain soil microbes [with summary in English]. N. V. Meshkov. Mikrobiologiia 28 no. 6 891-899 N-D '59.

"Soil microflora of the European U. S. S. R." by A. V. Rybalkina and E. V. Kononenko. Reviewed by T. V. Aristovskaia. Pochvovedenie no. 11.118-121 N '59.

Synthesis of vitamins B_3 and B_6 by true denitrifying bacteria V V. Mikhaleva. Dokl Akad sel'khoz 24 no.12 18-24 '59

SOIL MICRO-ORGANISMS—BIBLIOGRAPHY see Bibliography—Soil micro-organisms

SOIL MOISTURE

(see also subdivision under Rybinsk Reservoir *region)*

Control and automatic regulation of soil moisture in hotbeds and greenhouses. R. N. Torosian. [Nauch. trudy] VIESKH 3;222-242 '58.

Determining the pressure of saturated soil on pipelines. M. V. Malyshev Gidr stroi 29 no. 12·39-43 D '59.

Effect of forest soil drainage on the anatomical structure and physicomechanical properties of pine wood M I. Fedarau Vestsi AN BSSR Ser. biial nav no. 4 95-101 '59.

"Interaction of the mineral part of soils with water by I. A Tiutiunov, "Pochvovedenie," no. 2, 1959. Reviewed by G. A. Martynov. Pochvovedenie no. 12:107-109 D '59

Interaction of the surface of a solid body with water ("Interaction of the mineral part of soils with water" by I. A. Tiutiunov. Reviewed by V F Kiselev) Pochvovedenie no 12,105-107 D '59.

Laboratory experiment in studying moisture losses of Vakhsh soils. E. V. Chapovskaia, T. M. Drozhzhina, Dokl. AN Tadzh. SSR 2 no. 2:39-43 '59.

Lower limit of soil moisture before irrigating cotton. V. Eremenko. Khlopkovodstvo 9 no. 12:53-58 D '59.

New apparatus *for* moisture determination of *frozen* rocks under field conditions without drying. A M. Pchelintsev. Trudy Inst merzl AN SSSR 16:172-182 '60

Soil water balance under different crops of a field crop rotation [with summary in English] F K. Rodinovskii Pochvovedenie no 12·90-98 D '59.

Studying the transfer of heat and moisture in freezing and thawing ground [with summary in English]. V. P. IAblonskaia. Inzh.-fiz. zhur. no. 1.91-93 Ja '60.

Using tensiometric and electrometric methods for determining soil moisture [with summary in English]. I I. Sudnitsyn Pochvovedenie no 12·98-104 D '59

SOIL PHYSICS

Physical and chemical research and the improvement of Solonetz soils [with summaries in English, German, and French] I N Antipov-Karataev Vest sel'khoz. nauki 4 no 12 11-19 D '59

Settling of loess and other fine soils. IU. V. Krylkov. Dokl. AN Tadzh. SSR 2 no. 3:25-29 '59.

Theoretical problems of soil structure and their role in agriculture V. V Kvasnikov. Dokl Akad sel'khoz 24 no 12 3-8 '59.

SOIL PHYSICS—BIBLIOGRAPHY see Bibliography—Soil physics

SOIL RESEARCH

(see also subdivision under United States; *Ukraine)*

Open letter to Soviet soil scientists. G. A. Kniazev, IU. A. Vinogradov. Pochvovedenie no. 11.117 N '59.

Results of the Interprovincial Conference of Soil Scientists of the central Chernozem zone. P G. Aderikhin. Pochvovedenie no. 11·115-116 N '59.

Results of using radioactive isotopes in investigations for land improvement purposes [with summaries in English, German, and French] V. A. Emel'ianov, A. I. Zaitsev. Vest. sel'khoz. nauki 4 no. 11;103-109 N '59.

Soil research in the Soviet Union. M. V Chapek Vest Inst po izuch SSSR no 3 60-71 Jl-S '59

Tasks of soil scientists of Central Chernozem Regions in connection with the seven-year plan for the development of national economy. P G. Aderikhin. Pochvovedenie no 12;7-12 D '59

SOIL SCIENCE

Schastnev, P. N., and P. G. Terekhov. [General soil science; textbook for pedagogical schools] Obshchee zemlevedenie; uchebnik dlia pedagogicheskikh uchilishch. Izd 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 334 p.

SOIL STABILIZATION

Vibrating well points working in pairs. Biul. tekh. inform po stroi 5 no. 11·30 N '59

SOIL STRUCTURE

Accuracy of microscopic soil investigations. S. A. Vladychenskii. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2·85-88 '59.

Structure of soils of the light-colored Chestnut complex and the nature of humus substances V K. Orlova Vest Mosk. un. Ser biol., pochv., geol., geog. 14 no. 2; 75-84 '59.

SOIL SURVEYS

(see also subdivision under Verkhne-Dneprovsk)

Geographers aid agriculture. I P. Gerasimov. Vokrug sveta no 1·40 Ja '60.

Organization of soil surveys on collective and state farms. Pochvovedenie no. 12;1-6 D '59.

SOIL TEMPERATURE see subdivision under Tiflis

SOIL TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of temperature on the development of Azotobacter. N. N. Naplekova. Izv. Sib. otd. AN SSSR no. 11 60-72 '59.

SOILS

(see also subdivision under Astrakhan-Bazar District; Bulgaria; China; Kulunda Steppe; Polesye; Rostov Province, Vakhsh Valley; Vietnam, North; Ukraine, Western; Yangtze Valley)

Characteries of the organic matter of meadow-Chestnut soils; in connection with their systematic position [with summary in English]. I. V. Vishnevskaia. Pochvovedenie no. 11;49-57 N '59.

SOILS—ANALYSIS

(see also subdivision under Latvia)

Determination of the specific gravity of saline soils by a volumetric *method in kerosene.* S. E. Savchenko. Dokl. AN Tadzh. SSR 2 no. 1:19-25 '59.

Improving agrochemical services on collective and state farms K P. Magnitskii Ud. i ur 4 no 11 54-58 N '59.

SOILS—BACTERIOLOGY see subdivision under Great Britain; Kola Peninsula

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION see subdivision under Tajikistan

SOILS—ELECTRIC PROPERTIES

(see also subdivision under Ivanovo Province; Moscow Province)

Area of 80,000 square kilometers. V. Shtraus Radio no. 12,8-9 D '59.

Chart on electroconductivity of soils is expected. V. Kashprovskii. Radio no. 12:6-7 D '59.

Determination of soil conductivity by the fading of waves. V. E Kashprovskii. Radiotekhnika 14 no. 12 8-14 D '59.

Participants of the competition. Radio no. 12·11 D '59.

The winners were selected by a jury. Radio no. 12·11 D '59.

SOILS—MAPS

(see also subdivision under Europe, Eastern)

Chart on electroconductivity of soils is expected. V. Kashprovskii. Radio no. 12,6-7 D '59.

Participants of the competition. Radio no. 12:11 D '59.

Soil maps. S. Skoryna. Nauka i zhyttia 9 no. 12,36-39 D '59.

Using large-scale soil maps in agriculture [with summary in English]. V. L. Andronikov, V. K. Mikhnovskii. Pochvovedenie no. 12;24-35 D '59

The winners were selected by a jury. Radio no. 12 11 D '59.

SOILS—TERMINOLOGY

Definition of the term "soil type." M. A. Sofranov. Pochvovedenie no. 11;87-90 N '59.

SOILS—TESTING

Soil testing and concrete protection against corrosion as examined in foreign publications, an abstract. V. N. Gorinskii. Rech. transp. 18 no. 12;54 D '59.

SOILS—THERMAL PROPERTIES

Studying the transfer of heat and moisture in freezing and thawing ground [with summary in English]. V. P. IAblonskaia. Inzh.-fiz. zhur. no. 1:91-93 Ja '60.

SOILS AND CLIMATE

Establishing climatic regions based on the applicability of fall plowing. P. I. Koloskov. Trudy NIIAK no. 7;4 9 '59.

SOKIRNIK, LEONID

The shift is striding toward the future. IU. IUlashenko. Nar. khoz. Kazakh. no. 11;75-70 N '59.

SOKOL—ATHEISM

Achievements of the section of atheists. N. Lavrova. Agitator no. 24·51-52 D '59

SOKOLOV, ALEKSANDR MIKHAILOVICH, 1881-1959

Aleksandr Mikhailovich Sokolov, obituary. Polige proiz no 12 20 D '59

SOKOLOV, ANDREI

Research on a new topic. D. Roziukova. Iskusstvo 22 no 12 23-26 '59.

SOLAR ENERGY

Necklace of solar batteries. V. Golovin. IUn. tekh. 4 no. 11;64-65 N '59.

"Road of research (memoirs of an inventor)" by A. G. Presniakov. Reviewed by D. Pagirev. Izobr. i rats. no. 1:62 Ja '60.

SOLAR HEATING

Use of solar energy as the heat source *for a* heat pump [with summary in English]. G. Ratiani, R Khunisaria, O. Turkestanishvili. Khol. tekh. 36 no. 6.17-20 N-D '59

SOLAR RADIATION

Beginning of observations of solar radio emission on the large Pulkovo radio telescope on the 3.2 cm. wavelength [with summary in English]. V. N. Ikhsanova. Izv. GAO 21 no. 3·29-38 '58.

Behavior of the ionosphere during solar flares [with summary in English]. N. A. Savich. Izv. Krym. astrofiz. obser. 19:126-130 '58.

Excitation and ionization of hydrogen in flares [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obser. 19:72-99 '58.

Luminescence of the moon's surface and intensity of the corpuscular radiation of the sun [with summary in French]. N. A. Kozyrev. Izv. Krym. astrofiz. obser. 16;148-158 '56.

Physics of flocculi and corpuscular emission of the sun. E. R. Mustel'. Izv. Krym. astrofiz. obser. 16·206-207 '56.

SOLAR RADIATION—CONGRESSES

Symposium on radiation in Oxford. Izv. AN SSSR. Ser. geofiz. no. 4;630-631 Ap '60.

SOLAR RADIATION—OBSERVATIONS

Changes in the total and scattered solar radiation during the solar eclipse of June 30, 1954, observed in Tikhoretsk and Sal'sk. B. D. Fomenko. Biul. VAGO no. 24: 37-40 '59.

SOLAR SPECTRUM see Spectrum, Solar

SOLAR SYSTEM

Meteorites and their role in the cosmogony of the solar system. V. G Fesenkov Izv. Krym astrofiz. obser 16:228-238 '56.

SOLDER AND SOLDERING

Selecting solders for low-temperature service (from "Materials in design engineering," 48, No 6, 1958). Kislorod 12 no. 6:64 '59.

Soldering iron for soldering electric cables S. G. Gal Avtom.,telem i sviaz' 4 no 1 37 Ja '60

SOLENOIDS

Investigation of solenoid impact machines. P. M. Alabuzhev N. P. Riashentsev, E M. Timoshenko. Izv. vys. ucheb. zav., gor zhur no. 2 89-97 '59.

SOLID FILMS

Measuring the thickness of thin celluloid films. I. S. Dmitriev and others Prib i tekh eksp no. 6·131 N-D '59.

SOLID SOLUTIONS see Solutions, Solid

SOLIDIFICATION

Role of undercooling in the formation of spheroidal graphite A. A. Gorshkov, R. A. Sidorenko Izv. vys ucheb. zav, chern. met no 4 153-158 '59

Studying the initial stages of metal solidification in ingot molds. E. N Ushakov Izv vys. ucheb zav., chern. met. 2 no 8;31-38 Ag '59

SOLIDS

Hydraulic resistance in a bed of granulated materials. A. A. Komarovskii, V. V Strel'tsov. Zhur. prikl. khim. 32 no. 8;1755-1763 Ag '59.

SOLIDS—ELECTRIC PROPERTIES

Electric properties of solids in a school course on physics. B. M. IAvorskii. Izv. APN no. 106·83-90 '59.

SOLIFLUCTION

(see also subdivision under Anadyr Range)

Experimental investigation of the speed of solifluction movement over slopes. L. A. Zhigarev. Trudy Inst merzl AN SSSR 16 183-190 '60.

SOLONETZ SOILS

Perennial and annual grasses on Solonetz soils. Huang Wen-wui. Nauka i pered. op. v sel'khoz. 9 no. 12:38 D '59.

Physical and chemical research and the improvement of Solonetz soils [with summaries in English, German, and French]. I N. Antipov-Karataev Vest. sel'khoz nauki 4 no. 12 11-19 D '59

SOLONETZ SOILS—CONGRESSES

All-Union Conference on the Reclamation and Cultivation of Solonetz soils. A. N. Naumova. Izv. AN SSSR. Ser. biol. 24 no. 6;947-949 N-D '59.

SOLUBILITY

Classifying equilibrium solubility diagrams. A. A. Sokolovskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 2 no. 6;865-870 '59.

Distribution of alkaloids between two immiscible solvents. Report no. 2; Distribution of papaverin, morphine and salsolin between water and organic solvents [with summary in English]. V. M. Bashtlova, N. A. Figurovskii. Apt. delo 8 no. 6:24-27 N-D '59.

Investigating the solubility in the system NaF - NaCl - Na_2CO_3 - H_2O at temperatures of 25° and 50°. G. A. Lopatkina. Zhur. prikl. khim. 32 no. 12·2644-2650 D '59.

Solubility of inorganic salts in organic solvents and their mixtures with water. I. S. Pokhtashev, S. A. Voznesenskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6: 827-833 '59.

Solubility of poorly soluble salts in aqueous solutions of electrolytes. E. B. Shternina. Itogi nauki: Khim. nauki 4;55-60 '59.

SOLUTION (CHEMISTRY)

Effect of anabasine oxalate on the rate of solution of aluminum in hydrochloric acid. A. M. Dobychina. Uch. zap. MGZPI 2;124-131 '59.

Phase transitions in binary solutions. A. N. Kirgintsev. Izv. Sib. otd. AN SSSR no. 11;36-40 '59.

SOLUTION (CHEMISTRY)—ELECTRIC PROPERTIES

Physicochemical analysis of solutions, based on their dielectric properties. I. A. Sheka. Rab. po khim. rastv. i kompl. soed. no. 2·163-185 '59.

SOLUTION (CHEMISTRY)—SPECTRA

Spectrum analysis of solutions by the ST-7 stylometer. V. D. Pisarev, N. P. Vasil'ev. Zav. lab. 25 no. 12;1454-1455 '59.

SOLUTIONS—SPECTRA

Influence of third elements in the spark spectrographic analysis of solutions [with summary in English]. A. K. Rusanov, L. I. Sosnovskaia. Zhur. anal. khim. 14 no. 6;643-657 N-D '59.

SOLUTIONS, SOLID

Decomposition of solid solutions in the system nickel-gold. Part 2. V. V. Sanadze, G. V. Guliaev. Kristallografiia 4 no. 5;687-694 S-O '59.

Effect of the fluctuation of correlation parameters on the scattering of X rays and thermal neutrons by solid solutions. M. A. Krivoglaz. Fiz. met. i metalloved. 8 no. 5,648-666 N '59

Effect of the length of storage of solid solutions of alkali halide salts on their physical properites. E. K. Zavadovskaia, M S. Ivankina. Izv. vys. ucheb. zav., fiz. no. 5 172-175 '59.

Homogenization during the sintering of powder metals with unlimited mutual solubility. A. I. Raichenka, I. M. Fedorchenko. Vop. por. met. i prochn. mat. no. 6·3-28 '58.

SOLUTIONS, SOLID—MAGNETIC PROPERTIES

Superparamagnetic effects in dilute adsorption layers and solid solutions. N I Kobozev and others Zhur fiz. khim 33 no 12·2811-2820 D '59.

SOLVATION

Role of the solvent in the activated complex in Menshutkin reactions. Report No. 2. Evaluation of the extent of solvation of the activated complex in the reaction of pyridine with ethyl iodide in ethyl alcohol and acetone. M. G. Gonikberg, B S. El'ianov Izv. AN SSSR Otd. khim. nauk no. 4,629-635 Ap '60.

SOLVENTS

Influence of solvent ions on the processes of deposition of poorly soluble salts [with summary in German]. N. Kusheva-Markova. Koll. zhur. 21 no. 6:664-669 N-D '59.

SOMALILAND—POLITICS

The anticolonial movement in Somaliland under the leadership of Muhammad bin Abdallah [with summary in English]. A. M. Khazanov. Probl. vostokoved. no. 2:113-122 '60.

SOMATOTROPIN

Changes with age in the oxidation of fatty acids in the liver of white rats and the effect produced on these processes by the somatotropic hormone of the pituitary body [with summary in English] A. O Pashkova Ukr biokhim zhur 31 no 5 735-744 '59

SONAR

Using acoustic methods in investigating the width of gravel and pebble deposits V. I. Savelev. Gidr. stroi 29 no. 12·43-44 D '59.

SONAR FISHING

Estimating the stocks of Atlantic-Scandinavian herring by simultaneous echo sounding and submarine photographic surveying. I. N. Barankeev, B. P. Solov'ev. Ryb. khoz., 35 no. 10:7-9 O '59.

SONGS

Simple criticism. Nikolai Dorizo. Moskva 3 no. 10:216 '59.

SONGS, KAZAKH—HISTORY AND CRITICISM

"Letters from Tatiana" by Abai Kunanbaev. V. Dernova. Sov. muz. 24 no. 1:79-85 Ja '60.

SONGS, UKRAINIAN

History of a Communist Youth League song. V. H. Boiko. Nar. tvorch. ta etn. 3 no. 2:34-41 Ap-Je '59.

SONGS, WHITE RUSSIAN

Shyrma, R. [School songbook] Shkol'ny speunik. Minsk, Dziarzh. vucheb. pedagog. vyd-va Ministerstva asvety BSSR, 1957. 199 p.
(NN)

[Songs of the White Russian people; a selection] Pesni belaruskaha naroda; vybranae. Minsk, Dziarzhaunae vyd-va BSSR. Red. muzychnai lit-ry, 1959. 418 p.

SORBENTS—SPECTRA

Study of natural sorbents using the method of small-angle X-ray scattering. V. T. Bykov, L. B. Nepomniashchii, V. N. Sushin. Izv. AN SSSR Otd. khim. nauk. no. 3: 385-388 '60.

SORGHUM see subdivision under Ukraine

SORKIN, ARON ZUS'EVICH, 1899-

Aron Zus'evich Sorkin; on his 60th birthday and the 35th anniversary of his medical, scientific, pedagogic, and public activities. Probl. tub. 37 no. 7;113-114 '59

SORPTION

Kinetics of oxygen sorption by coal at low temperatures. V. S. Veselovskii, E. A. Terpogosova, N. D. Alekseeva. Dokl. AN SSSR 131 no. 6;1396-1399 Ap '60.

Time necessary for the establishment of a sorption equilibrium. D. P. Timofeev. Dokl. AN SSSR 131 no. 6·1390-1392 Ap '60.

SORTING DEVICES

Machine (trademark ISR) for sorting small fish. Ryb. khoz. 35 no. 10·83-84 O '59.

SOSEKI, NATSUME, 1867-1916—BIBLIOGRAPHY see Bibliography—Soseki, Natsume, 1867-1916

SOUND—CONGRESSES

Third International Congress on Acoustics. I. I. Kliukin. Sudostroenie 25 no. 12 71-73 D '59.

SOUND—PHYSIOLOGICAL EFFECT

Morphological changes in the neuron system of the auditory and motor analyzers under the influence of sound stimuli [with summary in French]. G. N. Oleneva. Zhur. nerv. i psikh. 59 no. 12;1409-1418 '59.

SOUND—RECORDING AND REPRODUCING

Basic data on power transformers for amplifiers in sound motion pictures. Kinomekhanik no. 12;4 of cover. D '59.

New products. N. Arkhimandritova. Tekh. kino i telev. 3 no. 11,33 N '59.

Sound reproduction equipment of mobile panoramic motion-picture theaters. G. Voloshin. Kinomekhanik no. 12: 26-28 D '59.

Standards for photographic sound tracks. Kinomekhanik no. 12;31-32 D '59.

SOUND WAVES

Methods of calculating a tower for the sound-induced coagulation of aerosols in a liquid disperse phase. B. F. Podoshevnikov, B. D. Tartakovskii. Khim. prom. no. 6: 527-529 S '59.

SOUNDPROOFING MATERIALS see Acoustical materials

SOUTH AFRICA, UNION OF—POLITICS AND GOVERNMENT

Bloody apartheid. V. Silin. Sovr. Vost. no. 4:63 Ap '60.

SOUTH AFRICA, UNION OF—NATIVE RACES

Bloody apartheid. V. Silin. Sovr. Vost. no. 4:63 Ap '60.

SOUTH KAZAKHSTAN ECONOMIC REGION—COTTON GROWING

The seven-year plan in five years. V. Torskii. Nar. khoz. Kazakh. no. 12;66-69 D '59.

SOUTH KAZAKHSTAN PROVINCE—AGRICULTURE

Development of agriculture in South Kazakhstan Province. M. I. Semenova, I. M. Nazarenko. Trudy Sekt. geog. AN Kazakh. SSR no. 5;202-213 '59.

Get specialists interested. G. Katrich. Nauka i pered. op. v sel'khoz. 9 no. 12·59-60 D '59.

SOUTH KAZAKHSTAN PROVINCE—AMATEUR ART ACTIVITIES

We should develop folk art in every possible way. Kh. Dzhigaliev. Part. zhizn' Kazakh 28 no. 7·48-50 Jl '59.

SOUTH KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Efficient work of rural party organizations. K. Stepanov, S. Bagdashkin. Part. zhizn' Kazakh. 28 no 7:20-24 Jl '59

SOUTH KAZAKHSTAN PROVINCE—COTTON PICKING MACHINERY

Cotton growers of South Kazakhstan Province harvested 15% of the crop by machinery. N. Nemkova, IA. Zheltonozhenko. Khlopkovodstvo 9 no. 12:6-9 D '59.

SOUTH KAZAKHSTAN PROVINCE—RUSSIAN NEWSPAPERS

Follow-up of materials published in "Partiinaia zhizn' Kazakhstana." Part. zhizn' Kazakh. 28 [i. e. 29] no. 12. 73 D '59.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

The crime repeated. L. Skomorokhov. Sovr. Vost. no. 4: 58 Ap '60.

Pakistan's current problems. L. Vasil'ev. Mir. ekon. i mezhdunar. otn. no. 5 92-103 My '60.

SEAFET, (Southeast Asia Friendship and Economic Cooperation Treaty), SEATO's younger sister. A. Fedorov. Sovr. Vost. no. 4:58-59 Ap '60.

SOUTHERN BUG VALLEY—GEOLOGY, STRUCTURAL

Recent data on Mesocenozoic sediments of the area between the Chichikleya and the Southern Bug Rivers [with summary in English]. V. O. Zelins'ka, O. S. Lypnyk, M O. IAroshchuk Dop. AN URSR no. 11:1247-1251 '59.

SOUTHWEST CHINA see China, Southwest

SOVEREIGNS see Monarchy

SOVETSKAYA (KRASNODAR TERRITORY)—STATUETTES

A clay figurine from the Urupskaya stanitsa. V. I. Markovin. Krat. soob. IIMK no. 76:108-111 '59.

SOVETSKAYA DISTRICT (ROSTOV PROVINCE)—COLLECTIVE FARMS—AUDITING AND INSPECTION

Bringing audits to completion is the main thing in inspection work. G. S. Gotsuliak. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11;53-55 N '59.

SOVIET CENTRAL ASIA—COMMERCE

On the history of Central Asian economic relations with Russia through Siberia in the 18th century. Kh. Ziiav. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4:31-37 '58.

SOVIET CENTRAL ASIA—CULTURE

Valuable study on socialist culture ("Characteristics of the formation and development of a socialist culture of the peoples of the Soviet East" by A. Altmyshbaev. Reviewed by M.M. Khairullaev, S Shermukhamedov). Izv AN Uz. SSR. Ser. obshchestv nauk no. 5 68-69 '59.

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL

There are friends everywhere I Plshetka Ogonek 37 no 52 15-16 D '59

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

"Historical experiences in the building of socialism in formerly backward countries" by M S Dzhunusov. Reviewed by O. Segizbaev. Part zhizn'Kazakh 28 no 7: 71-74 Jl '59

"Objective views" of a bourgeois historian and real conditions in the Soviet East. K.N. Novoselov. Trudy IML. Turk. fil. no. 4·69-83 '58.

SOVIET CENTRAL ASIA—GEOGRAPHY

Irresponsible publication ("Union Republics of Central Asia" by E.I. Lagovskaia. Reviewed by Akpar Muzurupkanov). Nar. obr. no. 5·134 My '60.

SOVIET CENTRAL ASIA—GRAIN—DISEASES AND PESTS

Biology and ecology of the weevil Perieges bardus Bohem in dryfarming M P. Sushko Zashch rast ot vred. i bol 4 no 3 35-36 My-Je '59

SOVIET CENTRAL ASIA—HISTORY

Documentary data on Central Asian relations with Russia in the 16th - 17th centuries M. IU. IUldashev. Izv AN Uz. SSR. Ser. obshchestv. nauk no. 4 17-28 '58.

SOVIET CENTRAL ASIA—INDUSTRIES

Lenin's legacy fulfilled. Sovr. Vost. no. 4·7-8 Ap '60.

The Soviet East helps build Bhilai. Sovr. Vost. no. 4·9 Ap '60

SOVIET CENTRAL ASIA—MOUNTAIN ECOLOGY

Development of trees and shrubs at the timber line in the mountains of Central Asia. I. T. Vasil'chenko. Bot. zhur 44 no. 12·1717-1720 D '59.

SOVIET CENTRAL ASIA—NATIONALITIES

The man who shook the whole world ("Lenin, the great friend of the peoples of the East" by A. N. Kheifets. Reviewed by N Poliakov). Sovr. Vost. no. 4.18-19 Ap '60.

SOVIET CENTRAL ASIA—ORE DEPOSITS

Small scale metallometric prospecting for complex metals in dispersion halos and runs A. N. Bogoliubov, N. N Sochevanov Razved. i okh nedr 25 no. 10.9-12 O '59.

SOVIET CENTRAL ASIA—OSTRACODA, FOSSIL

Ostracoda from Paleocene sediments of Central Asia. M. I. Mandel'shtam. Trudy VNIGRI no 136:442-543 '59

SOVIET CENTRAL ASIA—PARASITOLOGY

Conference on natural foci of diseases and problems in parasitology R IA. Panin Vest. AN Kazakh. SSR 15 no. 11;90-91 N '59.

SOVIET CENTRAL ASIA—PETROLEUM

Sulfur organic compounds of crude oils from southern Central Asia. I. U. Numanov, A. I. Skobelina. Dokl. AN Tadzh SSR 2 no. 3:7-10 '59.

SOVIET CENTRAL ASIA—PLANT LICE

A little studied species of aphis (Aphididae, Homoptera) from Central Asia. M. N. Narzikulov. Dokl. AN Tadzh. SSR 1 no. 4;41-44 '58.

SOVIET CENTRAL ASIA—SCALE INSECTS

New species of oyster-shell scale of the genus Acanthomytilus Borchs (Homoptera, Coccoidea) in the Central Asian Republics. N. S. Borkhsenius. Dokl. AN Tadzh. SSR 1 no. 4;45-46 '58.

SOVIET CENTRAL ASIA—SPARROWS

The "sparrow problem" must be solved. Pavel Arkhangel'skii Zashch rast ot vred. i bol. 4 no. 3 17 My-Je '53

SOVIET CENTRAL ASIA—WATER RESOURCES DEVELOPMENT

Lenin's legacy fulfilled. Sovr. Vost. no. 4·7-8 Ap '60.

SOVIET FAR EAST

Gelasimova, A. N. [Shoulder to shoulder; a teacher's notebook] Plechom k plechu; zapiski uchitel'nitsy. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1958. 247 p
(MH)

SOVIET FAR EAST—COAL MINES AND MINING

Coal of Siberia and of the Far East. N. Zaitsev. Mast. ugl. 8 no. 2;3-5 F '59.

SOVIET FAR EAST—FISHERIES

Fishing industry in the Far East during the period 1959-1965. V. M. Novikov. Ryb. khoz. 35 no. 10;3-6 O '59.

SOVIET FAR EAST—FISHERY PRODUCTS—CHEMICAL COMPOSITION

Mineral composition of fishery products turned out by Far Eastern enterprises. A L Krasnitskaia and others. Ryb. khoz. 35 no. 10;56-62 O '59.

SOVIET FAR EAST—FISHES—TRANSPORTATION

Reconstructing barges of 100-ton carrying capacity for fish transportation in cooled circulating brines. E. G. Khvatkov. Ryb. khoz. 35 no. 10.22-27 O '59.

SOVIET FAR EAST—FUR FARMING

Needs of a Far Eastern fur farm. G. Sukhomirov. Okh. i okh. khoz. 5 no. 11:4-5 N '59.

SOVIET FAR EAST—HISTORICAL RESEARCH

Conference of the historians of Siberia and the Soviet Far East V. M Shapko Vop ist. KPSS 4 no 3,233-235 '60.

SOVIET FAR EAST—INDUSTRIES

"Dal' stroi" [The Far Eastern Construction Administration]; 1931-1956. Reviewed by M. A. Sergeev. Probl. Sev. no. 3 199-204 '59.

SOVIET FAR EAST—MOISTURE

Ridging as a recommendable cultivation method for natural conditions of the "monsoon" climate of the temperate zone. P. I. Koloskov. Trudy NIIAK no. 7,85-92 '59.

SOVIET FAR EAST—PLOWING

Ridging as a recommendable cultivation method for natural conditions of the "monsoon" climate of the temperate zone. P. I. Koloskov. Trudy NIIAK no. 7:85-92 '59.

SOVIET FAR EAST—SERVICE INDUSTRIES

Claims of the Far East. M. Sokolov. Prom. koop. 13 no. 12 17 D '59.

SOVIET FAR EAST—SHRUBS

Vorob'ev, D. P. [Key to the trees and shrubs of the Maritime Territory and the Amur area] Opredelitel' derev'ev i kustarnikov Primor'ia i Priamur'ia. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1958. 183 p.

SOVIET FAR EAST—STEAMBOATS—MAINTENANCE AND REPAIR

Introducing efficiency promoter suggestions on Far Eastern Steamship Lines A. Kuskov Inform. sbor. TSNIIMF no 26;104-108 '58

SOVIET FAR EAST—TREES

Vorob'ev, D. P. [Key to the tress and shrubs of the Maritime Territory and the Amur area] Opredelitel' derev'ev i kustarnikov Primor'ia i Priamur'ia Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1958. 183 p.

SOVIET FAR EAST—VIEWS

[Through the Far East] Po Dal'nemu Vostoku. [Moskva?, IZOGIZ, 1957] [2]p., 15 postcards (in folder).
(CLSU)

SOVIET FAR EAST—WAGES

Wage regulation for workers of whale, crab, and animal hunting flotillas of the Far East. V. Kopytin. Sots trud no. 12;70-73 D '58.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Abkhazia; Orenburg Province; Rybnoye District; Turkmenistan)

Nemtsov, V. A., and V. A. Perttsik. [Sessions of province (territory) soviets of workers' deputies] Sessii oblastnykh (kraevykh) Sovetov deputatov trudiashchikhsia Moskva, Gos. izd-vo iurid. lit-ry, 1959. 85 p.

Responsibility of deputies to our people. B. Samsonov. Sov. deput. trud. no. 12;23-27 D '59.

What "the deputy's office" should be. H. Kenkishvili, E. Sovershaeva. Sov. deput. trud. no. 12;63-66 D '59.

SOWACKI, JULIUSZ, 1809-1849

Session devoted to the 150th anniversary of Juliusz Sowacki's birth. V. I. Shevchuk. Rad. lit. no. 6:155-156 N-D '59.

SOWING

Unusual crops. S Novikov Smena 36 no. 23:9-10 D '59

SOYBEAN

Developmental characteristics of mountain varieties of soybean (Glycine hispida (Moench) Maxim) [with summary in English] Shao Ch'i-ts'uan Bot. zhur. 44 no. 10:1445-1452 O '59

Poisonous properties of histon-like proteins of soybean A P Sadokova. Biul. nauch -tekh inform. VIZH no 1· 39-41 '57

SPACE

Linear semiordered topologic space. S. N. Slugin. Dokl AN SSSR 131 no. 6;1261-1263 Ap '60.

Theory of congruences of biaxial space R. G. Bukharev Izv vys ucheb zav , mat no 5 67-79 '59

SPACE FLIGHT

Figures which seem to be reassuring. L. D. Landau, IU B Rumer. Izobr. i rats. no. 1;17-18 Ja '60.

Grandiose future of space flights. A A. Il'iushin Tekh. mol. 27 no 12,7 '59.

Lectures in Great Britain. A. Masevich. Nov. vrem. 18 no. 19.29-30 My '60.

Man in outer space; problems of life in weightless conditions. O. G. Gazenko, V. B. Malkin. Nauka i zhizn' 26 no. 12:17-23 D '59.

Road to outer space. V. Komarov. Mast. ugl. 8 no. 12 3-4 D '59.

Stars are calling. K. P. Staniukovich. Izobr. i rats no. 1 15-17 Ja '60.

Storming space. V. Komarov. Sov. potreb. koop. 4 no. 1 5-7 '60.

Theory of errors of astronomical navigation in space. V. A. Bodner, V. P. Seleznev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2:73-82 Mr-Ap '60

SPACE FLIGHT TO THE MOON

Glorious victory of the soviet people. A. IArotskii. IUn. tekh. 4 no. 11:7-14 N '59.

Moon altimeter. N. Varvarov. IUn. tekh. 4 no. 11:12-13 N '59.

Three questions about "Lunnik" and the space station. P. Isakov. Znan. sila 34 no. 11·6-7 N '59.

SPACE PERCEPTION

Conference on the problem of space perception and space representations. B. F. Lomov. Vop. psikhol 5 no. 6 182-186 N-D '59

Perception of spatial relations between objects by children of preschool age [in Ukrainian with summary in Russian]. M. V. Vovchyk-Blakytna. Nauk. zap. Nauk.-dosl. inst. psykhol. 9:3-36 '58.

SPACE STATIONS

Automatic interplanetary station. B. S. Danilin. Nauka i zhizn' 26 no. 12:2-5 D '59.

Glorious victory of the soviet people. A. IArotskii. IUn. tekh. 4 no. 11:7-14 N '59.

New brilliant victory! An automatic interplanetary station in outer space. IUn. tekh. 4 no. 11:8-9 N '59.

SPACES, GENERALIZED

Some properties of a semiordered space of continuous functions on a bicompact. Z. T. Dikanova. Usp. mat. nauk 14 no. 6;165-172 N-D '59.

Two theorems of the solution of subspaces of Banach spaces. I. TS. Gokhberg, A. S. Markus Usp mat nauk 14 no. 5;135-140 S-O '59.

Weyl's problem in a Lobachevskii space [with summary in English]. G. S. Todorova. Dop. AN URSR no. 11· 1193-1196 '59.

SPAIN—AGRICULTURE

Gomez, Juan. [Agrarian problem in Franco Spain; report of the Political Bureau at the Third Plenum of the Central Committee of the Communist Party of Spain, September, 1957. Translated from the Spanish] Agrarnaia problema vo frankistskoi Ispanii; doklad politbiuro na III plenume TsK Kompartii Ispanii, sentiabr' 1957 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 190 p.

SPAIN—CIVIL RIGHTS

Statement by the World Federation of Trade Unions on the outbreak of arrests of Spanish workers and democrats. Vsem. prof. dvizh. no. 4:24 Ap '60.

SPAIN—ECONOMIC CONDITIONS

The economic stabilization plan and the struggle of the Spanish workers. Manuel Delicado. Vsem. prof. dvizh. no. 4;20-24 Ap '60.

SPAIN—FOREIGN RELATIONS—GERMANY, WEST

Behind the Bonn-Madrid talks. E. Starosel'tsev. Mir. ekon. i mezhdunar. otn no. 5:108-111 My '60

SPAIN—GEOLOGY

Geological Congress in Madrid. V. Bondarchuk Nauka i zhyttia 8 no. 5·50-52 My '58.

SPAIN—HISTORY

Galan, Jose Maria. [Downfall of the monarchy in Spain, 1917-1931] Krushenie monarkhii v Ispanii, 1917-1931 gg. Moskva, Izd-vo sotsial'-ekon. lit-ry, 1959. 134 p.

SPAIN—POLITICAL CRIMES AND OFFENSES

Spaniards under the safeguard of the Red Cross! Nov. vrem. 18 no. 18;18 My '60.

SPAIN—RED CROSS

Spaniards under the safeguard of the Red Cross! Nov. vrem. 18 no. 18;18 My '60.

SPANISH LANGUAGE—PHONETICS

Diphthongs in the Spanish language. N. P. Karpov. Uch. zap. Ped. inst. Gerts. 189 no. 2;225-242 '59.

SPARK, ELECTRIC see Electric spark

SPARK-EROSION MACHINING see Electric metal cutting

SPARROWS see subdivision under Soviet Central Asia

SPEAKING TRUMPET

EM-2 electric megaphone A. IUzhakov Pozh delo 5 no 11 25 N '59.

SPECIES

Integrity of the species and its evolution. V. I. Polianskii. Biul MOIP Otd biol. 61 no 4 5-13 Jl-Ag '59

Polytypical conception of species in paleontology. D. L. Stepanov. Paleont. zhur. no 3.3-14 '59.

Shvarts, S. S. [Some problems with regard to species in terrestrial vertebrates] Nekotorye voprosy problemy vida i nazemnykh pozvonochnykh zhivotnykh. Sverdlovsk, 1959. 130 p (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy, no. 11)

SPECIFIC GRAVITY

Determination of the specific gravity of saline soils by a volumetric method in kerosene. S. E. Savchenko. Dokl. AN Tadzh. SSR 2 no. 1 19-25 '59.

SPECTACLES see Eyeglasses

SPECTROGRAPH

Automatic device for recording spectra. V. S. Andreev. Zav. lab. 25 no. 12:1520-1521 '59.

Investigating the optical mirror system for a spectrograph with a plane field. I. P. IAkovleva. Izv. vys. ucheb. zav., prib. no. 3 119-126 '59.

Protecting the spectrography from scattered daylight during long exposures. N K. Del'skii. Prib i tekh. eksp no 6:132 N-D '59.

Spectrograph for observing radio wave emission of the sun [with summary in English]. A. N. Abramenko. Izv. Krym. astrofiz. obser. 19:140-152 '58.

SPECTROHELIOGRAPH

Static spectroheliograph. Part I. A. V. Merkulov. Izv. GAO 21 no. 3,109-136 '58.

SPECTROMETER

Compensation of high-voltage rectifier background in spectrometer units. L. S. Gorn, B I. Khazanov. Prib. i tekh. eksp no 6:88-89 N-D '59

Universal beta-spectrometer with double focusing for the $\pi\sqrt{2}$ angle. P. S. Samoilov Prib. i tekh eksp. no. 6: 33-37 N-D '59

SPECTROPHOTOMETER

Automatic flame spectrophotometer of high sensibility. A. IA. Antonov. Teploenergetika 7 no. 1.89-92 Ja '60.

Compensating stellar electrospectrophotometer. P. P. Dobronravin, V. B. Nikonov. Izv. Krym. astrofiz. obser. 13:32-45 '55.

SPECTROPHOTOMETRY

Absolute spectrophotometry of the lower chromosphere [with summary in English]. R. D. Bolokadze. Izv. GAO 21 no. 3:24-28 '58.

Calibrating spectrograms according to an iron comparison spectrum in case of average dispersions of spectrographs [with summary in English]. O. A. Mel'nikov, L. A. Mitrofanova. Izv. GAO 20 no. 6:44-61 '58.

Determining the Na, K, Ca, and Mg content of atmospheric precipitation. A. N. Zaidel', IU. I. Turkin. Trudy GGO no. 93:88-94 '59.

Instrumental photoeffects in photoelectric spectrophotometry of the sun [with summary in English]. E. E. Dubov. Izv. Krym. astrofiz. obser. 16:45-53 '56.

Precision of the spectrophotometric method for the determination of the optical constants of absorptive substances. A. P. Prishivalko Trudy Inst. fiz. i mat. AN BSSR no. 3:176-186 '59.

SPECTRUM, INFRARED

Effect of contaminant gases on the absorption of infrared radiation by steam for a separate line in the 2.7μ band. K. P. Vasilevskii, B. S. Neporent. Opt. i spektr. 7 no. 4:572-574 O '59.

Investigation of the temperature relation of the intensity of infrared absorption bands in solutions. V. N. Smirnov. Opt. i spektr. 7 no. 4:472-477 O '59.

SPECTRUM, SOLAR

Absolute spectrophotometry of the lower chromosphere [with summary in English]. R. D. Bolokadze. Izv. GAO 21 no. 3:24-28 '58.

Behavior of some lines of rare earths on the sun's disk [with summary in English]. N. N. Stefanovich. Izv. Krym. astrofiz. obser. 17:191-198 '57.

Broadening of hydrogen lines in the solar spectrum [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obser. 16:54-66 '56.

Chromospheric condensations [with summary in English]. T. V. Krat. Izv. GAO 21 no. 3:11-18 '58.

Hot regions of helium excitation in the solar photosphere [with summary in English]. V. A. Krat, L. M. Pravdiuk. Izv. GAO 20 no. 6:55-60 '58.

Hydrogen spectrum of flares [with summary in English]. T. V. Kazachevskaia, A. B. Severnyi. Izv. Krym. astrofiz. obser. 19:46-71 '58

Instrumental photoeffects in photoelectric spectrophotometry of the sun [with summary in English]. E E. Dubov. Izv. Krym. astrofiz. obser. 16:45-53 '56.

Investigating deuterium in the sun [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obser 16:12-44 '56.

Investigating the fine structure of the emission of active formations and nonstationary processes on the sun [with summary in English]. A. B Severnyi. Izv. Krym. astrofiz. obser. 17:129-161 '57.

Origin of the continuous spectrum of chromospheric flares. E. R. Mustel'. Izv. Krym. astrofiz. obser. 15: 54-68 '55

Profiles of lines H_α and H_β of hydrogen in faculae and the photosphere. O. N. Mitropol'skaia. Izv. Krym. astrofiz. obser. 15:130-135 '55.

Structure of the chromosphere according to Fraunhofer lines H_α and H_β [with summary in English]. I. A. Prokof'eva. Izv. GAO 21 no. 1:156-169 '57

Ultraviolet radiation of solar flares. M. A. Ellison. Izv. Krym. astrofiz. obser. 16:196-200 '56.

SPECTRUM, ULTRAVIOLET

Optico-acoustical phenomenon in the ultraviolet spectrum. IA I. Gerlovin Opt i spektr 7 no 4:571-572 O '59.

SPECTRUM ANALYSIS

Principal problems in present-day spectroscopy. B. I. Stepanov. Trudy Inst. fiz. i mat. AN BSSR no 3:9-37 '59.

Use of a plasma generator as a spectrum excitation source in spectrum analysis [with summary in English]. V. V. Korolev, E. E. Vainshtein. Zhur. anal. khim. 14 no. 6:658-662 N-D '59.

Use of a pulse source for the analysis of slags and agglomerates. M. N. Shtutman and others. Zav. lab. 25 no. 12:1457-1459 '59.

Use of high-frequency discharge with hydrodynamic compression as a source of light for spectrum analysis of solutions. F. A. Korolev, Zh. Zheenbaev. Izv. vys. ucheb. zav., fiz. no. 5:134-138 '59.

Use of spectrography for determining sulfur in cokes and coals. I. A. Berezin, K. V. Aleksandrovich. Zav. lab. 25 no. 12,1480-1481 '59.

SPEECH

Interconnection of external and internal speech in the solution of mental problems [in Ukrainian with summary in Russian]. B. F. Baiev. Nauk. zap. Nauk.-dosl. inst. psykhol. 9:123-147 '58.

SPEEDOMETERS

Inertia method for measuring speeds. V. N. Drozdovich. Izv. vys. ucheb. zav., prib. no. 3:29-39 '59.

SPERMATIC CORD—DISEASES

Acute appendicitis combined with torsion of an intra-abdominal cyst of the spermatic cord. Z. K. Duplik. Nov. khir. zhur. no. 6:106-107 N-D '59.

SPHALERITE

Studying the reaction of collectors with some varieties of zinc blende from Maritime Territory deposits N. A Chainikova Izv. Sib otd. AN SSSR no 10-58-67 '59

SPHERE

Twofold continuous divisions of a sphere. A. V. Chernavskii. Dokl. AN SSSR 131 no. 6:1272-1275 Ap '60.

SPHERICAL ASTRONOMY see Astronomy, Spherical and practical

SPHYGMOGRAPH

The hematochometer. Znan. ta pratsia no. 12:10 D '59.

SPILLWAYS

Discharge coefficient of spillways with curvilinear profiles. V. G. Skriaga. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:56-62 '59.

Distance from spillways to bridge culverts. V. A. Bol'shakov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:50-55 '59.

Distribution of the centrifugal pressure on the curvature of the lower spillway section V. V. Krylov. Gidr. stroi. 29 no. 12:37-39 D '59.

Hydraulic calculations of charging vacuum-chambers of siphon spillways. S. A. Kremez. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7:159-163 '59.

Selecting types of spillways. V. I. Solomatov. Gidr. stroi 28 no. 4:20-23 Ap '59.

SPINAL ANESTHESIA

Prolongation of spinal anesthesia by subarachnoid administration of ephedrine; experimental study [with summary in English]. B. M. Kupchik. Vest. khir. 83 no. 11:108-112 N '59.

SPINAL CORD

Effect of a dorsal root section on synaptic conduction in the spinal cord [with summary in English]. P. H. Kostiuk, L. O. Savos'kina. Fiziol zhur [Ukr.] 5 no. 6:719-727 N-D '59.

SPINAL CORD—DISEASES

Changes in the amount of phosphorus compounds in various parts of the central nervous system in lateral amyotrophic sclerosis [with summary in French]. A. A. Mittel'shtedt, K. M. Makarova Zhur. nerv. i psikh. 59 no. 12 1444-1446 '59

Clinical and differential diagnosis of vascular and infectious diseases of the spinal cord in children. T. N. Krupina. Vop. okh. mat. i det 4 no. 6:12-15 N-D '59

Pathogenesis of lateral amyotrophic sclerosis [with summary in French]. V. M. IAkushina. Zhur. nerv. i psikh. 59 no. 12:1436-1443 '59.

Treatment of patients with lateral amyotrophic sclerosis with vitamin B_{12} [with summary in French]. T. L. Krollunitskaia. Zhur. nerv. i psikh. 59 no. 12:1447-1450 '59.

SPINAL CORD—SURGERY

Urethral reflexes evoked from the urinary bladder in cats after spinal cord removal [with summary in English]. B. S. Kulaev and others. Fiziol. zhur. SSSR 45 no. 7:840-847 Jl '59.

SPINAL NERVES see Nerves, Spinal

SPINE—ABNORMITIES AND DEFORMITIES

D'iachenko, V. A. [Anomalies in the development of the spine as revealed by anatomical radiography] Anomalii razvitiia pozvonochnika v rentgenoanatomicheskom osveshchenii. Moskva, Medgiz, 1949. 199 p. (MnU)

SPINE—FRACTURE

Compression fractures of the thoracic and lumbar areas of the spine [with summary in English]. Li Ch'i-hung. Vest. khir 83 no. 11:27-32 N '59.

SPINE—HYDATIDS

Extensive echinococcal lesions of pelvic and spinal bones [with English summary in appendix]. G. P. Kalashnikov, Z. V. Bolotina. Ortop., travm. i protez. 20 no. 11:81-82 N '59.

SPINE—RADIOGRAPHY

Cervical tomography of the spine in children. K. K. Vasil'eva. Vest. rent. i rad. 34 no. 2:77-80 Mr-Ap '59.

SPINE—TUBERCULOSIS

Clinical and roentgenological criteria of recovery from tuberculous spondylitis [with summary in English]. A. Z. Sorkin. Klin. med. 37 no. 12:93-99 D '59.

Experimental model of tuberculous spondylitis [with summary in English]. K V. Kornev. Vest. khir. 83 no. 11:12-17 N '59.

New trends in surgical treatment of infiltrative abscesses in tuberculous spondylitis [with summary in English]. P. G. Kornev. Vest. khir. 83 no 11:3-11 N '59.

SPINEL GROUP

(see also subdivision under Bulgaria; Golyamo Kamenyano region)

Properties and structure of $NiO - Al_2O_3$ catalysts. Report No. 4: X-ray and magnetochemical studies of spinel formation from coprecipitated nickel and aluminum hydroxides. V. M. Akimov and others. Izv. AN SSSR Otd. khim. nauk no. 4:624-628 Ap '60

SPINES (ZOOLOGY)

Development of spines in the Black Sea turbot (Rhombus maeoticus Pall.). E. M. Kalinina. Trudy SBS 11:167-173 '59.

The ichthyodorulite of Ctenacanthus venator Chabakov, 1928. D. V. Obruchev. Paleont. zhur. no. 3:141 '59.

SPINNING MACHINERY

High-lifting spindles for large packages. IA. I. Korityasskii and others. Biul. tekh.-ekon. inform. no. 11:65-67 '59

SPIRIDONOV, NIKOLAI IVANOVICH, d. 1922

Nikolai Spiridonov. V. Kurakhtanov. Rab.-krest. korr. no. 12:86-91 D '59.

SPIROCHETOSIS see subdivision under Apsheron Peninsula; Osh Province

SPITSBERGEN—DESCRIPTION AND TRAVEL

Balstad, Liv. [North of the desert sea. Translated from the Norwegian] K severu ot morskoi pustyni. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1958. 333 p.

SPLEEN—DISEASES

Acute hepatic insufficiency following surgery for postmalarial splenomegaly. A. A. Gadzhiev, A. I. Matosiants. Azerb. med. zhur. no. 12:66-69 D '59.

SPONGES

Experimental studies on regeneration in fresh-water sponges [with summary in English] G P Korotkova, G. A. Volkova. Vest. LGU no. 9 125-130 '60.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPOREFORMING BACTERIA see Bacteria, Sporeforming

SPORES (BOTANY)
(see also subdivision under Antarctic regions)

Determining the viability of uredospores of Puccinia glumarum Eriks. et Henn. by the fluorescence method N. A. Naumova. Dokl. AN SSSR 131 no. 5:1194-1197 Ap '60

SPOROTRICHOSIS

Deep sporotrichosis in the form of multiple relapsing tumors A. I Mitskevich Nov khir zhur no 6'96-97 N-D '59

SPORTS
(see also subdivision under Albania; China, Kazakhstan, Ural'sk; White Russia)

Good luck! L. IAshin and others. Smena 36 no. 24 17-18 D '59

A great year for Muscovites. V. Gurov. Zhizn' glukh. 12 no 11.16 N '59

Kozlov, M. S., ed. [Athletic games] Sportivnye igry. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 2. [Basketball, volleyball, tennis, gorodki, fieldball (11·11 and 7.7)] Basketbol, voleibol, tennis, gorodki, ruchnoi miach, 11·11 i 7:7. 1959. 378 p.

On your marks! Kim Pushkar'ov. Znan. ta pratsia no. 12:28-29 D '59.

Those glorious days will never be forgotten! Sp. igry 5 no. 12 2 D '59.

[Year of great events] God bol'shikh sobytii. [IAroslavl', Gos. izd-vo "Fizkul'tura i sport," 1959] 315 p.

SPORTS—HYGIENIC ASPECTS

Great October and the people's health I Sarkizov-Serazini Fizk i sport 29 no 11 4-5 N '59

SPORTS—ORGANIZATION AND ADMINISTRATION

One of the most important objectives Za rul 17 no 12 1-2 D '59

SPORTS JOURNALISM

Let us improve sports journalism. V. Novoskol'tsev. Sov. pech. no. 12 76 D '59.

SPRATS see subdivision under Caspian Sea

SPRAY PAINTING

Use of an air curtain in bridge painting IU D Rekhovskii Put' i put khoz no 12 10-11 D '59

SPRAY PAINTING—HYGIENIC ASPECTS

Improvement of working conditions in the spray painting of articles N D Aksenov Gig truda i prof zab 3 no 6 40-45 N-D '59

SPRAYING AND DUSTING

Aerial mist spraying applied in the control of sugar beet weevils S G Starostin Zashch rast ot vred i bol 4 no 3 19-21 My-Je '59

History of aerial mist spraying G I Korotkikh Zashch rast ot vred i bol 4 no 3 63 My-Je '59

Oil spraying machine. K. S. Kovneristyi, V. A. Novakov. Biul. tekh. -ekon. inform. no. 12·12-13 '59.

Pollinating insects and the use of chemicals in plant protection Zashch rast ot vred i bol 4 no 3 37-38 My-Je '59

SPRAYING AND DUSTING EQUIPMENT
(see also subdivision under Ukraine)

Attaching an aerosol generator to the spraying machine A V Butyrin, N M Zhurov, N. M Evstifeev. Zashch rast ot vred i bol 4 no 3 21-23 My-Je '59.

Eradiation of insects with an aerosol apparatus No. 1. IA P. Korablev Med paraz. i paraz bol 28 no 5·619 S-O '59.

Mechanized methods of controlling bloodsucking diptera in the U. S. S. R. V. A. Nabokov. Med. paraz. i paraz. bol 26 no. 6:658-666 N-D '57.

Using sprayers in orchards A I. Chekalov. Zashch rast. ot vred i bol 4 no 3 23-24 My-Je '59

SPRAYING AND DUSTING IN AGRICULTURE

Friends are exchanging experiences. I. Sazonov. Grazhd. av. 16 no. 9:23 S '59.

Simple methods for judging the effectiveness of spraying IA A Meisakhovich. Zashch rast ot vred i bol 4 no 3 26 My-Je '59.

SPRINGS see subdivision under Stalinabad region

SPRINGS (MECHANISM)

Cylindrical ribbon spring as a transmission mechanism. K. N. Manuilov. Trudy NIIGMP no. 8:71-85 '59.

Plastic and elastic aftereffect in spring bands. S. V. Grachev, V IA Zubov. Izv. vys. ucheb. zav.; chern met no. 3·59-64 '60

Precision calculation of cylindrical coiled springs of circular cross section and with an arbitrary angle of helix. M. E. Berman. Rasch. na prochn. no. 4:3-45 '59

SPRINGS (MECHANISM)—TESTING

New methods for testing instrument springs. IU. V. Miloserdin, IU. G. Lakin, B. A. Blosfel'd. Izv. vys. ucheb. zav., prib. no. 3,98-105 '59.

SPRINKLERS

The KDU-55M sprinkling unit. I. A. Turlihun, P. F. Fedoseev. Biul. tekh. -ekon. inform no. 12:53-55 '59.

SPRUCE
(see also subdivision under Carpathian Mountains; Leningrad Province; Russia, Northern)

Anatomical structure of spruce root ends and the course of formation of the spruce mycorrhiza R K Salinev Izv. Kar. i Kol' fil. AN SSSR no. 3,80-87 '59.

Effect of the acidity of forest litter on the young growth of spruce IU. A Zlobin. Nauch. dokl. vys. shkoly, biol. nauki no. 2:125-127 '60.

Effect of moisture and γ-irrigation on the internal friction in spruce wood N. F. Gusev Nauch. dokl. vys. shkoly, lesoinzh delo no. 2,211-214 '59.

Gasification of spruce shavings of various moisture content. V. A. Liamin, T. I. Prokhorchuk Trudy LTA no. 87,55-64 '59.

The great interglacial epoch of the Pleistocene. L. I. Maruashvili. Bot. zhur. 44 no. 12:1737-1741 D '59.

Increasing the productivity of spruce-whortleberry forests by planting perennial lupine for the purpose of improving the biological cycle of nitrogen and ash elements. B. D Zhilkin. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2,28-31 '59.

Natural regeneration under the canopy of spruce woods. V. S. Voronova. Trudy Kar. fil AN SSSR no 16:30-37 '59

Seed production and the quality of seeds of various phenological types of spruce. F I. Akakiev. Trudy Kar. fil AN SSSR no 16·19-29 '59

Silvicultural significance of the second growth of spruce. N. I. Kazimirov. Trudy Kar fil AN SSSR no 16·38-46 '59

SPRUCE—DISEASES AND PESTS
(see also subdivision under Kostroma Province)

Injuries to the young growth of spruce received during lumbering operations and wound rot. V. I Shchedrova Trudy Kar fil AN SSSR no 16:127-135 '59.

SPUTNIKS see Artificial satellites

SQUASH (GAME)

Squash O Markov Fizk i sport 29 no 11 12 N '59

SQUAW VALLEY, CALIF—OLYMPIC GAMES

Road to Squaw Valley. V. Viktorov. Sov. Soiuz. no. 1·53 '60.

SQUAW VALLEY, CALIF.—OLYMPIC GAMES (WINTER)

The valley of Olympic tracks Smena 37 no. 1.18 Ja '60

SQUAW VALLEY, CALIF.—SKIS AND SKIING

On a "stratospheric" run V Kamenskii Fizk i sport 29 no 11 30-31 N '59

SQUILL see subdivision under Abkhazia

SREZNEVSKII, IZMAIL IVANOVICH, 1812-1880

Slovak materials in I. I. Sreznevskii's archive. N. A. Kondrashov. Nauch. dokl. vys. shkoly, filol. nauki no. 4:160-168 '59.

STABILITY OF SHIPS

Approximate method for the theoretical determination of derivatives of transverse hydrodynamic forces and moments of yaw at angular speed for elongated bodies K. K. Fediaevskii. Trudy LKI no. 16:128-135 '55.

Calculating the stability of hopper-dredgers. N. F. Voevodin. Sudostroenie 25 no. 11:8-12 N '59.

Determining the coefficient of roll resistance during the motion of a ship. A. N. Kholodilin Trudy LKI no. 16·157-160 '55

Mutual effect of lateral activated fins. A. N. Kholodilin. Trudy LKI no. 16:165-172 '55.

STADIUMS see subdivision under Peiping

STAINS AND STAINING (MICROSCOPY)

New modification of azur-eosin staining of the blood in association with the microchemical reaction to peroxidase I I. Kukoleva. Arkh anat. gist i embr 37 no. 10:91-93 O '59.

STAIRCASES

Designs of spatial staircases. Biul. tekh. inform. po stroi. 5 no. 12,23 '59.

STALIN, IOSIF, 1879-1953

Dates, events, and people. Komm. Bel. 33 no. 12:75-77 D '59.

STALIN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Omel'ianenko, I. IA. [Communists of the Donets Basin in the Great Patriotic War; history of the Stalin Province party organization during the period of the Great Patriotic War of the Soviet Union, 1941-1945] Kommunisty Donbassa v Velikoi Otechestvennoi voine; iz istorii Stalinskoi oblastnoi partiinoi organizatsii perioda Velikoi Otechestvennoi voiny Sovetskogo Soiuza, 1941-1945 gg. [Stalino] Stalinskoe obl. knizhnoe izd-vo, 1959. 70 p.
(MH)

STALINABAD—ECONOMIC CONDITIONS

The city of Stalinabad; brief report on economic-geographical features. K. Sh. Dzhuraev. Trudy AN Tadzh. SSR 99 79-101 '58.

STALINABAD—INFLUENZA

Clinical and electrocardiographic observations during the 1957 influenza outbreak in Stalinabad [with summary in English] I. A Vaisburd, P V Zadvorniak Zdrav Tadzh 6 no 6·19-22 '59.

Clinical peculiarities of the course of influenza in children during the 1957 outbreak in Stalinabad [with summary in English]. G. M Mitel'man, Kh. K Kamardinov. Zdrav. Tadzh. 6 no 6:15-19 '59.

STALINABAD—PHYSICAL GEOGRAPHY

The city of Stalinabad; brief report on economic geographical features. K. Sh. Dzhuraev. Trudy AN Tadzh. SSR 99:79-101 '58.

STALINABAD—SEISMOMETRY

Results of earthquake observations on the AIS-2 seismometer at Stalinabad. S. A. Shaginian. Dokl. AN Tadzh. SSR 1 no. 4:3-9 '58.

STALINABAD—VEGETATION AND CLIMATE

Materials for a nature calendar in the neighborhood of the city of Stalinabad. G. E. Shul'ts. Trudy AN Tadzh. SSR 99:69-78 '58.

STALINABAD DISTRICT—OSTRACODA

Strandesia spinulosa Bronstein (in litt.) sp. n. (Ostracoda). N. A. Akatova. Dokl. AN Tadzh. SSR 1 no. 4:37-39 '58.

STALINABAD REGION—SPRINGS

Gul'bista warm spring; on the Stalinabad artesian basin. N. M. Churshina, B. A. Beder. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:3-11 '58.

STALINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

For our people. A. Kosolapova. Agitator no 24·50 D 59.

STALINGRAD—TEACHING

Searching for means to increase students' progress. N. Kaminarov. Prof. -tekh. obr. 16 no. 12,8-9 D '59.

STALINGRAD, BATTLE OF, 1942-1943

Doerr, Hans. [Stalingrad campaign; a survey of operations. Translated from the German] Pokhod na Stalingrad; operativnyi obzor. Moskva, Voen. izd-vo, 1957. 139 p.
(CSt-H)

STALINGRAD HYDROELECTRIC POWER STATION

Damming the Volga River in building the Stalingrad Hydroelectric Power Station. A. G. IAkobson. Gidr. stroi. 29 no. 2;4-11 F '59.

Deposits formed during the construction of foundation pits of the Stalingrad Hydroelectric Power Station by hydromechanical methods. G. K. Bondarik. Izv. vys. ucheb. zav., geol. i razv. 2 no. 9 108-110 S '59.

STALINGRAD PROVINCE—DISABILITY EVALUATION

The beginning is made. A. Barinov. Sots. obesp. 20 no. 12:19-20 D '59

STALINGRAD PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES

Problems of fertilizer usage in Stalingrad Province A. S Radov Ud. i ur 4 no 11 31 N '59

STALINGRAD PROVINCE—FORAGE PLANTS

Forage crops in spring and early summer grassland rotation in the southern Chestnut soil area of Stalingrad Province. L. G. Efimova. Sel'khoz. Povol. 5 no. 11:57-60 N '59.

STALINGRAD PROVINCE—GAS, NATURAL

Reader's suggestions. P. Golovlev, G. Ptushko. Fin. SSSR 21 no. 4:81-82 Ap '60.

STALINGRAD PROVINCE—WATER SUPPLY, RURAL

Complete utilization of the water of local streams in the Southern Volga Valley. I. E. Kurchenko. Sel'khoz. Povol. 5 no. 11:41-45 N '59.

STALINGRAD REGION—MOSQUITOES

Age composition and epidemiological significance of Anopheles maculipennis mosquitoes in the vicinity of Stalingrad during a number of years. S. M. Kozhevnikova. Med. paraz. i paraz. bol. 28 no. 5:555-560 S-O '59.

STALINO—MARKETS

Precast reinforced concrete dome of the covered market in Stalino. K. Fel'dman, D Bednarskii. Stroi. i arkhit 7 no. 12:18-20 D '59

STALINO PROVINCE—COAL MINES AND MINING

Wall without coal miners. I. El'kin. Znan. ta pratsia no. 12:3-4 D '59.

STALINO PROVINCE—EDUCATION, COOPERATIVE

We prepare our students for work. P. IE. IEviukhov. Rad. shk. 38 no. 12:36-37 D '59

STALINO PROVINCE—STOCK AND STOCKBREEDING—ACCOUNTING

Analysis of production and financial operations is a guaranty for successful management N T Maksimenko, Uchet i fin. v kolkhoz i sovkhoz 16 no.11 35-41 N '59.

STALINOGORSK—CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

For a high level of production N Dronov Sov kras krest 9 no 6 3-4 N-D '59

On the true path V Trofimov Sov kras krest 9 no 6 5-8 N-D '59

STALINOGORSK—CHEMICALS

Achievements of Stalinogorsk chemists I Azbel' NTO no 11 60 N '59

STALINSK—BLAST FURNACES

Technology of making foundry iron in blast furnaces of the Kuznetsk Metallurgical Combine N. N. Chernov and others Izv vys ucheb zav , chern. met 2 no. 8:21-29 Ag '59

STALINSK—METALLURGICAL PLANTS—FIRES AND FIRE PREVENTION

We work better I Dutov Pozh delo 5 no 11 18-19 N '59

Work of the section on hygiene, microbiology and epidemiology of the Stalinsk Medical Society during 1957-1950 A D Ermolaeva Gig i san 24 no 11 79-80 N '59

STAMPS, POSTAGE see Postage stamps

STANDARDIZATION

Consultation. Standartizatsiia 23 no.11:58 N '59.

From the pages of technical periodicals. Standartizatsiia 23 no.11 61-62 N '59.

In the technical committees of the International Standardization Organization. Standartizatsiia 23 no. 12:48-49 D '59.

List of scientific research institutes, design and planning organizations and enterprises entrusted as basic organizations on standardization. Standartizatsiia 23 no. 12: 56-62 D '59.

Plan for work on standardization on 1960. Standartizatsiia 23 no. 12:3-6 D '59.

Urgent objectives in the development of state standardization. V. V. Tkachenko. Standartizatsiia 23 no.11 3-7 N '59.

STANDARDIZATION—CONGRESSES

Conference on the unification of standards in socialist countries. G. N. Pol'skoi. Standartizatsiia 23 no.11: 57 N '59.

STANDARDIZATION—STUDY AND TEACHING

Courses for improving the qualifications of standardization specialists. L. V. Kuznetsov. Standartizatsiia 23 no. 12:15 D '59.

STANDARDS, ELECTRIC see Electric standards

STANDARDS, ENGINEERING
(see also subdivision under United States)

Collected state standards. Standartizatsiia 23 no.11: 62-63 N '59.

Draft standards submitted to the Committee. Standartizatsiia 23 no.11 49-50 N '59.

Draft standards submitted to the committee. Standartizatsiia 23 no. 12:46-17 D '59.

International draft recommendations. Standartizatsiia 23 no. 12 50 D '59.

Recommendations of the International Standardization Organization. Standartizatsiia 23 no. 12:40-50 D '59.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Changes and additions to be introduced in "Unified standards and estimates for building and assembling operations" (ENiR) published in 1955-1958 for buildings of the first group] Izmeneniia i dopolneniia, podlezhashchie vneseniiu v "Edinye normy i rastsenki na stroitel'nye i montazhnye raboty" (ENiR) izdaniia 1955-1958 gg. dlia stroek pervoi gruppy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 4. 1959. 23 p.

Second International Conference of Standard Planning. IA. IA. Drizing. Prom. stroi. 37 no. 12:55-58 D '59.

Standards for the machinery industry. Standartizatsiia 23 no.11:63-64 N '59.

[State All-Union Standard.] Gosudarstvennyi obshchesoiuznyi standart no. 3853 for the year 1947, no. 4471 for the year 1948; no. 4756 for the year 1949; nos. 2342, 2779 for the year 1950; nos. 5639, 5640, 5678, 5876 for the year 1951; nos. 492, 6244 for the year 1952; nos. 1577, 3168 for the year 1953; nos. 6827, 7016, 7168 for the year 1954; no. 7764 for the year 1955; nos. 5091, 8257-8259 for the year 1956; nos. 82, 8333 for the year 1957; nos. 305, 701, 4810, 5263, 5264, 5286, 5746, 6650, 7227, 7483, 7511, 8851, 8863, 8869, 8875, 8904 for the year 1958; nos 534, 1051, 3493 for the year 1959.

STANDARDS, ENGINEERING—BIBLIOGRAPHY see Bibliography—Standards, Engineering

STANDARDS OF OUTPUT see Production standards

STANISLAV—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Stanislav Ophthalmological Society for 1958 T V Shlopak, L V Shurmeleva Oft zhur 14 no 6:381-382 '59

STANISLAV PROVINCE—OIL WELL DRILLING

Specialist in high-speed drilling M A Makarova Neftianik 4 no 9 3 S '59

STANISLAV PROVINCE—PYROGRAPHY

Folk art of wood burning. O. H. Solomchenko. Nar. tvorch. ta etn. 3 no. 2,111-115 Ap-Je '59.

STARCH

Acid-induced changes in the structural-mechanical and rheological properties of starch gels [with summary in English] A. V. Senakhov, F. I. Sadov Koll. zhur. 21 no. 6:692-707 N-D '59.

Effect of the developmental stage on the dynamics of starch accumulation in roots of perennial legumes. M. IA Tregubenko Agrobiologiia no. 6:931-935 N-D '59.

Further expansion of the starch and molasses industry A G Prikhod'ko Sakh prom 33 no 12 52-54 D '59

Mechanism of the action of ionizing radiation on native starch V. F Oreshko, K A Korotchenko. Izv vys ucheb zav , pishch tekh no 5:28-34 '59

STARCH INDUSTRY—EQUIPMENT AND SUPPLIES

Use of centrifugal screen separators G M Pevzner Sakh prom 33 no 12 43-49 D '59

STARKA, VLADIMIR NIKOLAEVICH, 1899-

Honoring Professor Starka A V Likventov Zashch rast ot vred i bol 4 no 3 59 My-Je '59

STAROKAZACH'YE DISTRICT—AGRICULTURE

Well-organized work ensures success. M. Kisil'. Komm. Ukr 35 no. 12:25-30 D '59.

STAROKAZACH'YE DISTRICT—EDUCATION, CO-OPERATIVE

The education of youth is a concern of the entire community. V S Karnaushenko Rad shk 38 no 12:21-22 D '59

STARS

Color-luminosity diagram for stars in the vicinity of the sun [with summary in English]. V. B. Nikonov and others. Izv. Krym. astrofiz. obser 17,12-88 '57.

Dispersion of velocities of bright stars and interstellar gas. V. Vanysek. Izv. Krym. astrofiz. obser. 16:189-191 '56.

Luminisity of B and Be stars [with summary in English]. A. A. Boiarchuk. Izv. Krym. astrofiz obser. 18:38-40 '58

Maximum energy of white dwarfs. T. A. Eminzade. Dokl. AN Azerb. SSR 15 no. 11:1005-1008 '59.

Mechanism of formation of relativistic electrons in the atmospheres of nonstationary stars. I. M. Gordon. Zhur. eksp. i teor. fiz 37 no. 3:853-855 S '59.

Reliability of statistical investigations in the stellar astronomy [with summary in English]. N E Kurochkin Per zvezdy 12 no 3:216-222 Mr '59

STARS—CATALOGS

Catalog of right ascensions of 101 stars with declinations from +75° to +90° for the equinox 1950 0 [with summary in English]. G. M. Petrov. Izv. GAO 21 no. 2,77-93 '58.

Catalog of right ascensions of 203 stars derived from observations on a new photoelectric transit instrument in 1955-1956 [with summary in English]. P. M. Afanas'eva Izv. GAO 21 no. 1:37-61 '57.

Catalog of spectra, photographic magnitudes and color indices of 5,000 stars in Cygnus in and area 6° x 6° with the center at $\alpha_{1950}=20^h05^m$, $\delta_{1950}=+36°$. A. B. Numerova. Izv. Krym. astrofiz. obser. 19:230-340 '58.

Deriving right ascension corrections to the Fundamental Catalog from time-service observations [with summary in English]. A. A. Nemiro. Izv. GAO 20 no. 4:33-10 '57.

Determining right ascensions of circumpolar stars of the FK3 system [with summary in English]. L. D Kostina. Izv GAO 21 no. 2:94-116 '58.

New processing of observations made with the Repsold vertical circle in 1901-1902 [with summary in English]. G. S. Kosin. Izv. GAO 20 no. 4,72 '57.

Observations of the general catalog of stars for the time service of the U. S. S R. and its processing [with summary in English]. N. N. Pavlov. Izv. GAO 21 no. 2: 2-12 '58.

Right ascensions of 254 stars observed by the time service in Nikolayev [with summary in English]. T. S. Semenova. Izv. GAO 21 no. 2:117-128 '58

System of the fundamental catalog of right ascensions of the Pulkovo "supplementary" stars [with summary in English]. A. A. Nemiro. Izv. GAO 21 no. 1:30-36 '57.

Using V. G. Shaposhnikov's method in deriving a fundamental system of declinations [with summary in English]. D. D. Polozhentsev. Izv. GAO 20 no. 4:41-71 '57.

STARS—CLASSIFICATION

Quantitative spectral classification of FO-K5 stars with well determined distances [with summary in English]. E R Mustel' and others Izv Krym astrofiz obser 18:3-37 '58

STARS—CLUSTERS

Investigating open star clusters [with summary in Engli N. M Bronnikova Izv. GAO 21 no. 2 144-169 '58

STARS—COLOR

Normal color indices of O, B, and A stars [with summar in English] I M Kopylov. Izv Krym astrofiz obser. 18:41-54 '58

Photoelectric determination of the sun's color. P K. Nikonova. Izv Krym astrofiz obser. no. 12,56-63 '54.

STARS—CONSTITUTION

Comparison of chemical composition of B and Be stars [with summary in English]. A. A. Boiarchuk. Izv. Krym astrofiz. obser. 17;80-116 '57.

STARS—DISTRIBUTION

Percentage of stars with various characteristics in the vicinity of the sun. G. A. Starikov Astron. tsir. no 20 8-9 Je '59.

Space distribution of early-type stars in Cygnus [with summary in English]. A. B. Numerova. Izv. Krym. astrofiz. obser. 19,189-229 '58.

STARS—MAGNITUDES

Spectrum-absolute magnitude diagrams for O-associations and absolute magnitudes of O and B-type stars. I. M. Kopylov. Izv. Krym. astrofiz. obser. 15:153-159 '55.

STARS—MASSES

Loss of mass by stationary stars [with summary in English]. E. R. Mustel'. Izv Krym. astrofiz. obser. 19: 153-164 '58.

STARS—OBSERVATIONS

Determining systematic errors in observations of stars of the absolute catalog of right ascensions. M. F. Bykov. Trudy Tashk. astron. obser. Ser. 2 4 53-101 '54.

Observation of right ascensions of FKSZ stars on the meridian-circle of the Astronomical Observatory of Kiev University in 1951-1954 N. A Chernega Trudy KAO 2:469-507 '58.

Works of the Crimean Astrophysical Observatory on stellar astronomy. V. B. Nikonov. Izv Krym. astrofiz obser 16:216-219 '56

STARS—PROPER MOTION

Investigating proper motions of stars in the region of galactic cluster NGC 7654 (M-52). P. A. Savitskii. Trudy Tashk. astron. obser. Ser. 2 4:3-52 '54.

Investigating proper motions of stars in the region of the Orion association [with summary in English] G V. Akhundova Izv GAO 21 no 1:83-115 '57

STARS—SCINTILLATION

Photoelectric recording of scintillations of stars [with summary in English]. L. N. Zhukova. Izv. GAO 21 no. 3,72-82 '58.

STARS—SPECTRA

Energy distribution in the continuous spectrum of early spectral stars. D. Chalonge Izv. Krym. astrofiz. obser. 16:191-194 '56.

Investigating A and F-type stars with anomalous intensities of metal lines. Part 3. Spectrophotometry of Castor B. E. R. Mustel', L. S. Galkin. Izv. Krym. astrofiz. obser. 15,136-139 '55.

Investigating spectra and color indices of stars in some regions of the Milky Way. E. S. Brodskaia. Izv. Krym. astrofiz. obser. 16;210-221 '56.

Investigating stars of spectral classes A and F having anomalous intensities of metal lines. E. R. Mustel', L. S. Galkin. Izv. Krym. astrofiz. obser. no 12:118-161 '54.

Investigating stars of spectral classes A and F with anomalous intensities of metal lines. E. R. Mustel', L. S. Galkin. Izv. Krym. astrofiz. obser. 13:0-22 '55.

Investigating the A and F-type stars having an anomalous intensity of metal lines [with summary in English]. L. S. Galkin. Izv. Krym. astrofiz. obser. 19:187-188 '58.

Investigating the interstellar absorption in Cassiopeia [with summary in English]. E. S. Brodskaia. Izv. Krym. astrofiz. obser. 16;162-170 '56.

Possible estimate of the temperature of hot stars from the nature of their N III emission spectrum. A. A. Nikitin. Dokl. AN SSSR 132 no. 1:89-90 My '60.

Spectral charges in the ε Aurigae system. V. S. Avedisova. Astron tsir. no. 203:10-12 Je '59.

Spectrophotometry of G0 and K0-type stars with weak and strong lines [with summary in French]. E. R. Mustel', R. N. Kumaigorodskaia. Izv. Krym. astrofiz. obser. 16: 122-128 '56.

Spectroscopy of stars. E. R. Mustel'. Izv. Krym. astrofiz. obser. 16;221-222 '56.

Stark effect in atmospheres of O5-O8-type stars. Part 1 [with summary in French]. I. M. Kopylov. Izv. Krym. astrofiz. obser. 16;129-142 '56.

STARS—TEMPERATURE

Scale of spectrophotometric gradients and temperatures of stars. O. A. Mel'nikov Izv Krym astrofiz obser. 16 238 '56.

Scale of stellar temperatures. G Kienle. Izv. Krym. astrofiz. obser 16 223-227 '56.

STARS, DOUBLE

Dark satellite of 61 Cygni [with summary in English]. A N Deich Izv GAO 21 no 1:62-82 '57

STARS, NEW

Comparing morphological characteristics and spatial distribution of novae and supernovae. I M Kopylov Izv Krym. astrofiz obser 15 140-146 '55.

Studying the structure of the white-blue sequence on the spectrum-luminosity diagram. I. M Kopylov. Izv. Krym astrofiz obser. 13 46-75 '55.

STARS, NEW—DISTRIBUTION

Spatial distribution of novae. I. M. Kopylov Izv. Krym astrofiz obser 13 23-31 '55

STARS, NEW—SPECTRA

Continuous emission in the spectra of explosive stars. M A Arakelian. Dokl AN Arm SSR 29 no. 4·167-174 '59

STARS, VARIABLE

Applying the Hertzsprung method for determining the epochs of minima of MR Cygni [with summary in English] I M. Ishchenko Per zvezdy 12 no 2 117-118 N '57

Changes in the period of XZ Aquilae. G. E. Erleksova. Per. zvezdy 12 no. 4:293-297 Je '58.

DR Vulpeculae- an eclipsing variable with apsidal motion. G. E. Erleksova. Per zvezdy 12 no 4:298-305 Je '58.

Determining the variation of the period of δ Cephei [with summary in English] IU E Sentsova Per zvezdy 12 no 2 99-107 N '57

Eclipsing variable IS Cassiopeiae. R. G. Shneider. Per zvezdy 12 no. 4·312-314 Je '58.

Gamma Cassiopeiae in 1940 [with summary in English]. A. A. Boiarchuk. Izv. Krym. astrofiz. obser. 19 165-186 '58.

General processing of observations of β Doradus. R. S. Iroshnikov Per zvezdy 12 no 3·231-236 Mr '59

Investigating the Blazhko effect for RV Capricorni, RZ Lyrae, XZ Cygni, and XZ Draconis Part 3 [with summary in English] L A Klepikova Per. zvezdy 12 no. 3:164-215 Mr '59

Investigating variable stars in the globular cluster M3 - NGC 5272. Part 1. Catalog of photographic magnitudes of 81 stars in the outer regions of the cluster. B. V. Kukarkin, N P. Kukarkina. Per. zvezdy 12 no. 4. 201-292 Je '58

Investigation of variable stars in the SA 110 region [with summary in English]. N. E. Kurochkin. Per. zvezdy 12 no. 4,277-290 Je '58.

Investigation of zeta Tauri [with summary in English]. A. A. Boiarchuk. Izv. Krym. astrofiz. obser 17 117-128 '57.

Long-period variable RT Cephei. R. G. Shneider. Per. zvezdy 12 no. 4:315-317 Je '58.

MN Cassiopeiae. M. Lavrov. Astron tsir. no. 203:13 Je '59

Magnitudes of comparison stars of some variable stars R I Chuprina Per zvezdy 12 no 2 157-161 N '57

Maxima of 15 RR Lyrae-type variable stars. L. A. Korovkina Astron. tsir. no 203:12-13 Je '59

Observations of a new variable BD + 62° 2332 R I Chuprina Per. zvezdy 12 no 2 152-154 N '57

Observations of BL and BB Herculis [with summary in English] G T. Koval' Per zvezdy 12 no 2 132-136 N '57

Observations of four Mira Ceti-type variables [with summary in English] G. T Koval'. Per zvezdy 12 no 2 108-116 N '57

Photoelectric observations of AE Aurigae A V Kharitonov. Per zvezdy 12 no 2 148-149 N '57

Photoelectric observations of eclipsing variable 44i Boötis in the infrared region [with summary in English]. V. V. Prokof'eva. Per. zvezdy 12 no. 4:249-261 Je '58.

Preliminary elements of the eclipsing variable V 382 Cygni. H. Albo Per. zvezdy 12 no 3·240-242 Mr '59.

A remarkable variable star S4732 Aurigae. V. P. TSesevich. Per. zvezdy 12 no. 4,306-308 Je '58.

SZ Cassiopeiae. IU. N. Efremov. Per. zvezdy 12 no. 4. 309-310 Je '58.

Semiregular variable BD +55° 224 Cassiopeiae. N. P. Kukarkina. Per. zvezdy 12 no. 4;314-315 Je '58.

Some peculiarities in the variations of brightness of AC Andromedae [with summary in English] T A. Azarnova Per. zvezdy 12 no 2 83-98 N '57

Spectrophotometric observations of γ Cassiopeiae in 1956 [with summary in English]. A A. Boiarchuk Izv. Krym astrofiz. obser 18:55-60 '58

Three variable stars [with summary in English]. G. S. Filatov. Per zvezdy 12 no 3:223-226 Mr '59.

Three variables [with summary in English] N. B Perova Per. zvezdy 12 no 2·124-127 N '57.

V 359 Herculis E A Satanova. Per. zvezdy 12 no 2: 154-157 N '57

V 401 Cygni, BN Vulpeculae, and DD Cygni [with summary in English]. R I. Chuprina. Per. zvezdy 12 no 3;227-230 Mr '59

Variable star BD + 62° 2332. V M. Grigor'evskii. Per zvezdy 12 no. 2 149-152 N '57

Variation of the radiation intensity from the center to the limb of a stellar disk in eclipsing variable systems [with summary in English]. N. N. Semenova. Izv GAO 20 no. 6·103-143 '58.

Visual observations of 15 eclipsing variable [with summary in English] A V. Solov'ev. Per. zvezdy 12 no. 4 262-276 Je '58.

STARS, VARIABLE—SPECTRA

Spectrophotometric observations of γ Cassiopeiae in 1955 [with summary in French]. A. A. Boiarchuk. Izv. Krym. astrofiz. obser. 16:143-147 '56.

Spectrum of γ Cassiopeiae in August-September 1954. I. M. Kopylov, A. A. Boiarchuk. Izv. Krym. astrofiz. obser 15:190-194 '55.

Spectrum of γ Cassiopeiae in October 1953. I. M. Kopylov. Izv. Krym. astrofiz. obser no. 12:162-168 '54.

STARYYE DOROGI DISTRICT—SOCIAL GROUP WORK

Visting our countrymen. R. Pavlov. Agitator no. 24:50-51 D 59

STASOV, VALDIMIR VASIL'EVICH, 1824-1906

Critical analysis in the articles of V. V. Stasov. P. Pavlov. Iskusstvo 22 no. 10:54-59 '59.

STATE, THE

Basic concepts of Austrian Marxists on the theory of the state and the views of present-day revisionists. L. G. Grinberg Izv vys. ucheb zav, prav 3 no. 1.141-150 '59

Collections of V. I. Lenin's works on special subjects. L. O. Vaikhanen. Vop. filos. 14 no. 4;166-167 '60.

Lenin, V. I. [The State and the law; a collection of writings and documents] O gosudarstve i prave; sbornik proizvedenii dokumentov. Moskva, Gosiurizdat, 1958. 2 v.
(CLU)

Lenin's theory of the socialist state and our present time. V. V. Platkovskii. Vop. filos. 14 no. 4 14-29 '60.

The 21st Congress of the CPSU on the basic functions of the Soviet state during the expanding development of communism. A. I. Ishanov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5 3-12 '59.

STATE FARMS

(see also subdivision under Akmolinsk Province; Irtyshskoye District; Kamenka-Dneprovskaya District; Kazakhstan; Kharkov Province, Kustanay Province; Moscow Province; North Kazakhstan Province; Voronezh Province)

Answering the questions of workers on state farms and subsidiary units M Nikitin Sots trud 4 no 11 146-150 N '59

Close cooperation. N. Starovoitov. Sov. deput. trud. no. 12,53-58 D '59.

Economic work on a state farm. M. A. Ugal. Uchet i fin. v kolkh. i sovkhoz. 17 no 2;48-49 F '60.

Lowering the cost of labor per centner of grain on state farms. A. Zakharov. Sots. trud 4 no. 7·75-78 Jl '59.

This was willed by Il'ich. M. Ivanova. Sov. profsoiuzy 16 no. 7;29-30 Ap '60.

To what social class the workers of state farms belong? A. Krasov V pom polit samoobr. 3 no 12;64-66 D '59

STATE FARMS—ACCOUNTING

Accounting for the work of a tractor station and calculating the wages of its workers. E. M. Mirochnik. Uchet i fin. v kolkhoz. i sovkhoz 16 no. 11·51-52 N '59.

A good control method. I. V. Shevle. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11·46-47 N '59.

How we prepare an annual report. B. I. Nefedov. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11·5-9 N '59.

New accounting plan for state farms D. G. Vasil'ev. Uchet i fin. v kolkh. i sovkhoz. 16 no. 12 13-18 D '59.

On the annual reports of state farms for 1959. N. K. Nikol'skii. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11· 14-16 N '59.

STATE FARMS—FINANCE

Improve the form of the state farm production and financial plan. A. P. Stoliarov. Uchet i fin. v kolkhoz. i sovkhoz. 16 no 11 24-25 N '59.

Problems of the simplification and improvement of planning on state farms. N. F. Boldin Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11·23-24 N '59.

STATISTICAL MECHANICS

Asymptotic inequalities applicable to problems of statistical mechanics. T V. Morozova Ukr. mat. zhur. 11 no. 3 321-328 '59.

STATUES see subdivision under Eisleben, Germany

STATUETTES see subdivision under Sovetskaya (Krasnodar Territory)

STAVROPOL—AERONAUTICS

At the Stavropol and Bryansk airports. V. Gurinov. Kryl. rod. 10 no. 11:10 N '59

STAVROPOL—TECHNOLOGICAL INNOVATIONS

An innovator came to the council. P. Volin. Izobr. i rats. no. 1·34-36 Ja '60.

STAVROPOL TERRITORY—AGRICULTURAL RESEARCH

More production with less spending. A Zybin NTO no 11 17-18 N '59

STAVROPOL TERRITORY—AGRICULTURE—STUDY AND TEACHING

Pedagogical guidance in student brigades. A. Tubianskii. Nar. obr. no. 5·45-51 My '60.

STAVROPOL TERRITORY—DEAF—SOCIETIES, ETC.

Results will show, of course. I. Dolunts. Zhizn' glukh 12 no. 12:10 D '59.

STAVROPOL TERRITORY—FARM BUILDINGS

Constructing efficient farm buildings on state farms of Stavropol Territory. A. Pleshan'. Sel'. stroi. 14 no 12 12-15 D '59.

STEAM see subdivision under Omsk

STEAM—SPECTRA

Effect of contaminant gases on the absorption of infrared radiation by steam for a separate line in the 2.7μ band K. P. Vasilevskii, B S. Neporent. Opt. i spektr 7 no 4·572-574 O '59

STEAM BOILERS see Boilers

STEAM ENGINEERING

Problem of determining the true level in the bubbling of steam through the water. L. S. Sterman, R. S. Lepilin Teploenergetika 7 no. 1·45-47 Ja '60.

Using steam of evaporative cooling of metallurgical furnaces. P. S. Kolobkov Izv. vys. ucheb. zav.; energ. 2 no. 11 133-138 N '59.

STEAM ENGINES

Analytical method of determining characteristics of steam engines. I. A. Entin. [Nauch. trudy] VIESKH 3:397 425 '59.

Investigating the operation of condenser steam engines for combined agricultural power supply. V. E. Tarasov. [Nauch. trudy] VIESKH 3;379-396 '59.

STEAM ENGINES—CYLINDERS

Lubricating oils for the cylinders of locomotive steam engines. I F. Blidchenko, S. A. Petrov. Trudy TSNII MPS no. 180:114-130 '59.

STEAM POWER PLANTS

Basementless furnace units for steam power plants of logging enterprises. V. S. Sheremet'ev. Trudy LTA no. 83·177-201 '59.

STEAM TURBINES

Approximate equations for the determination of the relative consumption of working substance through a group of turbine stages. V. A. Abramskii. Energomashinostroenie 5 no. 11·23-25 N '59.

Calculating the strained state of a disc having a constant thickness and fitted on a shaft with negative allowance P. Z. Lifshits. Energomashinostroenie 5 no. 11·13-17 N '59.

Modernization of 20 and 25 milliwatt AEG steam turbines D. S. Rosin, IU. A. Averbakh, A. S. Gusov. Elek. sta. 30 no 12;21-24 D '59.

Nature of steam motion in the valve boxes of the control valves of turbines and means of reducing the loss of pressure in them. V. I. Kamyrin. Energomashinostroenie 5 no. 11;38-41 N '59.

Review of S. IA. Kurits' article "Selection of an effective method for duplicating the installation of steam turbines. I. M. Stepanov. Energomashinostroenie 5 no. 11 37-41 N '59.

Rubinshtein, IA. M., and A. V. Shchegliaev, eds. [Improving the construction and operation of turbine installations] Usovershenstvovanie konstruktsii i ekspluatatsii turbinnykh ustanovok. Moskva, Gos. energ. izd-vo, 1959. 300 p.

Selection of an effective method for duplicating the installation of steam-turbines. S. IA. Kurits. Energomashinostroenie 5 no. 11·34-37 N '59.

Turbines of the seven-year plan. L. A. Shubenko-Shubin. Nauka i zhizn' 26 no. 12;11-16 D '59.

Using dehumidifying devices of steam turbines for removing salt from the cycle. IU. V. Zenkevich, A. N. Astaf'ev Energomashinostroenie 5 no. 11:45 N '59.

Using unregulated bleeding of condensation turbines for heating purposes. S. A. Zykov, A. B. Poliak. Elek. sta. 30 no. 12·18-21 D '59.

STEAMBOAT LINES

[Through our land; tourist sites and itineraries of the Moscow Interprovince Tour Administratio of the All-Union Central Council of Trade Unions] Po rodnoi zemle; turistskie bazy i marshruty Moskovskogo mezhoblastnogo turistsko-ekskursionnogo upravleniia VTsSPS. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 154 p.

STEAMBOATS
On the steamboat "[illegible]." A. [illegible] Vol'kovon NTO no.11:30 N '59.

STEAMBOATS—MAINTENANCE AND REPAIR
(see also subdivision under Soviet Far East)
Use of standard price lists for repairing ships of the s/s "Pervomaisk" type, Kerch Ship Repair Yard. [illegible] Informat. sbor. TSNIIMF no.26:15-19 '58.

STEAMPIPES
Thermal insulation and the external corrosion of underground heat lines. A. P. Safonov. Elek. sta. 30 no.12: 24-28 D '59.

STEBLEVSKOYE, LAKE—ALGAE
A new find of [illegible] in the Ukraine [with summary in English]. [illegible] Ukr. bot. zhur. 16 no.5:81-84 '59.

STEEL
Braun, M. P., and others. [Mechanical properties, heat resistance and heat treatment of alloyed steel] Mekhanicheskie svoistva, teplostoikost' i termicheskaia obrabotka legirovannoi stali. Kiev, Izd-vo Akad. nauk USSR, 1959. 190 p.
Determination of the properties of [illegible] Zav. lab. 25 no.12:1485-1486 '59.
Investigating the process of passivating steel in the presence of trivalent metal nitrates and nitric acid. I. I. Khain. Zhur. prikl. khim. 32 no.12:2662-2666 D '59.
Phase composition of the surface layers of [illegible] parts [with summary in English]. [illegible]
Transition in [illegible]

STEEL—ANALYSIS
(see also subdivision under United States)
Method for the determination of residual [illegible] M. M. [illegible] Zav. lab. no.12:[illegible] '59.
Quantitative [illegible]

STEEL—BRITTLENESS
Development of [illegible]
Evaluation of the cold brittleness of [illegible] steel. M. I. [illegible], I. V. [illegible] Zav. lab. no.11:[illegible]
[illegible]
[illegible]

STEEL—COLD WORKING
[illegible]

STEEL—CORROSION
Composition of corrosion products of steel [illegible] sea water. V. P. [illegible], D. M. Abramov. Dokl. AN Azerb. SSR 15 no.12:1119-1121 '59.
Corrosion [illegible] steels in sea water. [illegible]
Protection of steel [illegible] [with summary in English]. [illegible] Dop. AN URSR [illegible]

STEEL—DEFECTS
Comparing the properties of electrical steel made by scrap remelting and with oxidation. A. I. [illegible], I. A. Gorlach, I. P. Malin. Trudy Ural politekh. inst. no.75:101-105 '58.

STEEL—ELECTROMETALLURGY
Calculating the [illegible] of steel [illegible] slag [illegible] the electric smelting process. A. I. Khokhlov. Trudy Ural politekh. inst. no.75:152-159 '58.
Comparing the properties of electrical steel made by scrap remelting and with oxidation. A. I. [illegible], I. A. Gorlach, I. P. Malin. Trudy Ural politekh. inst. no.75:101-105 '58.
Investigating slag formation during the period of charge fusion in an electric arc steel smelting furnace. A. I. Khokhlov. Trudy Ural politekh. inst. no.75:170-180 '58.
Perfect the design of electric arc furnaces and improve the quality of electrical steel. A. I. [illegible], V. P. Dubrov. Trudy Ural politekh. inst. no.75:[illegible] '58.
Reduction of ball-bearing steel in arc furnaces. I. P. Malin. Trudy Ural politekh. inst. no.75:207-214 '58.
Studying the viscosity of synthetic slags in the reduction period of the electric smelting of steel. G. V. Mosunov. Trudy Ural politekh. inst. no.75:142-156 '58.

STEEL—FATIGUE
Effect of test temperatures on the fatigue strength of carbon steel specimens with stress concentrations affected by a molten Pb-Sn eutectic. M. I. Chaevskii. Fiz. metal. i metalloved. 8 no.5:[illegible] N '59.
Fatigue strength of hot rolled steel in rods and plates with a black surface. I. V. Kudriavtsev, N. M. Savvina, L. S. [illegible]. Metalloved. i term. obr. met. no.11: 11-15 N '59.
X-ray investigation of the fatigue mechanism in 30KhGSNA alloy steel. V. M. Dudko, Iu. S. Terminasov. Izv. vys. ucheb. zav.; chern. met. no.2:73-77 '60.
X-ray study of the fatigue mechanism in annealed and [illegible] steel. V. M. Dudko, Iu. S. Terminasov. Izv. LETI no.20:[illegible] '59.

STEEL—HARDENING
(see also subdivision under United States)
[illegible] hardening of [illegible] A. Z. [illegible], M. N. [illegible]
Hardening [illegible] in the hot rolling of steel. M. A. [illegible], IA. V. [illegible], V. N. [illegible] Izv. vys. ucheb. zav.; [illegible]
[illegible] V. A. [illegible] Metalloved. i term. obr. met. [illegible]

STEEL—HEAT TREATMENT
Effect of heat treatment [illegible] Izv. vys. ucheb. zav.; chern. met. [illegible]
Effect of heat treatment process for hot rolling mill rolls. N. D. [illegible] Izv. vys. ucheb. zav.; chern. met. [illegible] no.8:107-114 Ag '59.
Heat treatment of [illegible] alloy steel. M. P. Braun, B. B. [illegible], V. A. [illegible] Izv. vys. ucheb. zav.; chern. met. [illegible]

STEEL—HYDROGEN CONTENT
Effect of early slag formation on hydrogen content in the metal [illegible] process. P. V. Umrikhin, K. P. [illegible], P. P. [illegible]. Trudy Ural. politekh. inst. [illegible]
Investigating [illegible] of the basic open-hearth [illegible] A. [illegible], A. P. [illegible] Izv. [illegible]
Solubility of hydrogen in steels at elevated temperatures [illegible] Iu. L. [illegible], V. P. [illegible] Zhur. fiz. khim. 33 no.12:2667-2671 D '59.
Water permeability of liquid basic slags. V. P. Dogatenkov, P. V. [illegible], K. T. [illegible] Trudy Ural. politekh. inst. [illegible]

STEEL—MAGNETIC PROPERTIES
[illegible]
[illegible]
[illegible]
Effect of [illegible] on the magnetic properties of electrical steel in the [illegible] rolling process. D. I. [illegible] Izv. vys. ucheb. zav.; chern. met. [illegible]

STEEL—METALLOGRAPHY
[illegible]
Effect of the technological process of steel smelting on the [illegible]. I. A. Gorlach. Trudy Ural politekh. inst. no.75:[illegible] '58.
[illegible] steel with low specific losses. [illegible] 707 N '59.
Investigating the [illegible] of steel by X rays. [illegible] Trudy LPI no.20:107-122 '59.
Methods for developing the dendritic structure of carbon steel. I. P. [illegible] Zav. lab. no.11:1333-1334 '59.
[illegible]
[illegible] M. S. [illegible] Metalloved. i term. obr. met. [illegible]
[illegible] Zav. lab. 25 no.12:1441-1442 '59.
[illegible]
Structure of ferrite grain boundaries. V. N. Gridnev, A. I. [illegible] Izv. vys. ucheb. zav.; chern. met. no.3: 89-96 '60.
[illegible] steels with titanium additions. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2:43-49 Mr-Ap '60.
Traces of overheating revealed by X rays in the structure of steel. D. A. Leont'ev. Izv. vys. ucheb. zav.; chern. met. 3 no.8:97-99 Ag '60.
X-ray investigation of distortions in the structure of 45 steel under the effect of 45 steel. V. D. Sergeeva. Trudy LPI no.20:70-83 '59.
X-ray investigation of residual 1st and 3d order stresses in the [illegible] of steel specimens during the friction process. P. [illegible], Iu. S. Terminasov. Trudy LPI no.20:86-95 '59.
X-ray investigation of 2d and 3d order effects in the fatigue of silicon steel. IA. I. Maslianovskii. Trudy LPI no.20: 61-71 '59.

STEEL—METALLURGY
Continuous measurement of liquid steel temperatures in the ladle and in the furnace. P. IA. Sorokin. Metallurg 4 no.12:20-21 D '59.
Decarbonizing and dephosphorizing ferrous metals in a reducing atmosphere. A. K. [illegible], V. P. Zaiko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2:21-25 Mr-Ap '60.
Effect of chromium and manganese content in chromel steel on the ingot structure. V. S. Konovalov. Izv. vys. ucheb. zav.; chern. met. no.4:77-85 '60.
Interfacial tension in low-carbon steel at boundaries with oxidation products. B. I. Popel', O. P. Konovalov. Izv. vys. ucheb. zav.; chern. met. 3 no.8:3-7 Ag '60.
Khan, B. Kh. [Technical progress in ferrous metallurgy of the Ukrainian SSR in 1959-1960] Tekhnichnyi prohres v chornii metalurhii URSR v 1959-1960 rr. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no.3)
Konferentsiia po fiziko-khimicheskim osnovam proizvodstva stali, 4th. [Physicochemical principles of steel making; transactions of the 4th Conference on Physicochemical Principles of Steelmaking] Fiziko-khimicheskie osnovy proizvodstva stali; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 410 p.

STEEL—SPECIFICATIONS
Technical specifications for new articles produced by steelworks. Standartizatsiia 24 no.12:15-16 D '59.

STEEL—SPECTRA
Sulfur determination in certain types of steel and in welded joints by means of a steeloscope. A. S. Dem'ianchuk. Avtom. svar. 13 no.12:84-91 D '59.

STEEL—TESTING
Comparing the wear resistance of the 70 steel and magnesium cast iron. V. I. Shlykov. Izv. vys. ucheb. zav.; neft' i gaz 2 no.11:119-122 '59.
Convergence of general test results on the resistance to plastic deformation in shipbuilding steel. V. A. [illegible] and others. Trudy LKI no.16:50-55 '55.
Effect of test temperatures on the type of fracture and the toughness of steel. M. P. Braun. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.2:104-111 Mr-Ap '60.
Graphic methods of determining load limits for steel rods under the simultaneous effect of the bending moment and the longitudinal strength. I. I. Vol'kov. Trudy LKI no.30:[illegible]
[Investigation of heat-resistant steels and alloys] Issledovaniia po zharoprochnym staliam i splavam. Pod red. I. I. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 352 p.
Method for studying the process of rupture of specimens in a repeated torsion test. A. P. [illegible], N. A. [illegible] Zav. lab. 25 no.12:1504-1506 '59.
[illegible] methods of testing electrical sheet steel. [illegible] Zav. lab. 25 no.12:1421-1442 '59.
Notch effect in the impact bending test. A. S. [illegible], I. [illegible] Zav. lab. 25 no.12:1502-1504 '59.
Oscillographic study of the deformation of steel test pieces in the flow plateau. P. I. [illegible] Zav. lab. no.11:1386-1388 '59.
Value of a uniform and concentrated plasticity of steel in tensile testing. V. I. [illegible] Zav. lab. 25 no.12:1480-1481 '59.

STEEL—THERMAL PROPERTIES
Effect of the temperature dependence of the coefficients of heat conductivity and heat capacity for steel on results from calculating heating by radiation [with summary in English]. A. V. Kavaderov, IU. A. Samoilovich. Inzh.-fiz. zhur. no.1:82-86 Ja '60.

STEEL—WELDING
Carburizing of the weld metal in 18KhGNMT steel welding. I. A. Levin, V. A. Nikiforov. Svar. proizv. no.1:10 Ja '60.
Durable strength of weld joints in low-carbon steel. I. G. [illegible] Svar. proizv. no.1:33 Ja '60.
Resistance spot welding conditions for low-carbon steel parts. S. M. [illegible] Avtom. svar. 12 no.12:29-35 D '59.
Welding hardened 30KhGSA steel in an atmosphere of carbon dioxide. K. V. [illegible], V. M. Nikitin, O. P. Morozov. Svar. proizv. no.1:5-6 Ja '60.

STEEL, STAINLESS—CORROSION
Protection of nitrided stainless steel parts against corrosion in water. I. IA. Gurevich, A. G. Andreeva. Metalloved. i term. obr. met. no.1:10-11 Ja '60.
Resistance of stainless steel ingots to intergranular corrosion. S. A. Shved. Metalloved. i term. obr. met. no.1: 20-24 Ja '60.

STEEL, STRUCTURAL—WELDING

Calculating longitudinal deformations of metal construction elements due to welding. N. N. Ermolaev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 6:85-93 '59.

STEEL ALLOYS

Destruction of water gate made of low-alloy steel. N. I. Koshmanov, V. K. Komarov. Gidr. stroi. 29 no. [illegible]-27 Ap '59.

Effect of additional alloying on the properties of steel. M. P. Braun. Izv. vys. ucheb. zav.; chern. met. no. 1: 100-104 '60.

STEEL ALLOYS—BRITTLENESS

Effect of alloying on the cold shortness of medium carbon steel with phosphorus. V. N. Svechnikov, V. P. Beliaeva, B. I. Iakovchuk. Izv. vys. ucheb. zav.; chern. met. no. 1: 129-136 '60.

STEEL ALLOYS—HEAT TREATMENT

Effect of alloying elements on steel tempering processes. A. S. Zav'ialov, M. I. Senchenko. Metalloved. i term. obr. met. no. 12:2-11 D '59.

STEEL ALLOYS—METALLURGY

Tungsten, chromium, and vanadium in cast, low-alloy, rapid steel. N. A. Erofeev. Izv. vys. ucheb. zav.; chern. met. no. 1:141-144 '60.

STEEL CASTINGS

Effect of modifiers on the shrinkage of high alloy chromium and chromium nickel steel. N. S. Kreshchanovskii, M. P. Demin. Lit. proizv. no. 12:30-31 D '59.

STEEL CASTINGS—WELDING

Investigating the welding of [illegible] cast steel. V. I. Klementov. Svar. proizv. no. 1:9-13 Ja '60.

STEEL INDUSTRY

(see also subdivision under: Anshan; Bulgaria; China; Slovakia; Zhdanov)

Conquest of the future. A. Leskov. Moskva 3 no. 9: 173-178 '59.

"Economics of ferrous metals in the national economy of the U.S.S.R." by B. M. Levin. Reviewed by N. V. Ivanov. Mashinostroitel' no. 1:44 Ja '60.

Ferrous metallurgy in capitalistic countries in 1958. B. V. [illegible]. Biul. tekh.-ekon. inform. no. 12:75-78 '59.

STEEL INDUSTRY—PRODUCTION STANDARDS

Active participation of factory collectives. A. Kanova, P. Maneev. Sots. trud no. 12:104-111 D '59.

Eliminate shortcomings in the establishment of work norms at the principal metallurgical sub plants. A. [illegible]. Sots. trud 4 no. 11:103-108 N '59.

STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Innovator. G. Plechun. Prof. tekh. obr. 16 no. 12:16 D '59.

STEEL INGOTS

Casting ingots with closed shrinkage cavities. A. V. Vishniakov. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:47-52 S '59.

Effect of chromium and manganese content in rimmed steel on the ingot structure. V. S. Konovalov. Izv. vys. ucheb. zav.; chern. met. no. 1:77-85 '60.

Gas liberation during the solidification of 10-ton ingots. L. B. Kosterin, G. N. Oiks. Izv. vys. ucheb. zav.; chern. met. 2 no. 9:61-73 S '59.

Studying the initial stages of metal solidification in ingot molds. E. N. Ushakov. Izv. vys. ucheb. zav.; chern. met. 2 no. 8:31-38 Ag '59.

STEEL INGOTS—CORROSION

Resistance of stainless steel ingots to intergranular corrosion. S. A. Shved. Metalloved. i term. obr. met. no. 1:20-24 Ja '60.

STEEL PIPE see Pipe, Steel

STEELWORKS

(see also subdivision under: Bhilai, India; Wuhan, China)

Automation improves working conditions at a metallurgical plant. K. P. Kostenetskii. Bezop. truda v prom. 4 no. 1:24-26 Ja '60.

STEELWORKS—DESIGN AND CONSTRUCTION

[Building and reconstructing iron and steel plants in foreign countries] Iz praktiki stroitel'stva i rekonstruktsii predpriiatii chernoi metallurgii za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 127 p. (Opyt stroitel'stva, no. 27)

STEELWORKS—EQUIPMENT AND SUPPLIES see subdivision under: Krivoy Rog

STEINLEN, THEOPHILE ALEXANDRE, 1859-1923

Theophile Alexandre Steinlen. N. Kalitina. Iskusstvo 22 no. 12:52-62 '59.

[illegible]AKH, MYKHAILO PANASOVYCH

[illegible] d salt" by M. Stel'makh. Reviewed by IU. Fi- [illegible] Zvezda no. 1:214-215 Ja '60.

STEPANOV, ALEKSEI STEPANOVICH, 1858-1923

The creative path of A. S. Stepanov. F. Rogovskaia. Iskusstvo 22 no. 9:67-71 '59.

STEPPES see subdivision under: Angara Valley

STERCOBILIN

Dynamics of the isolation of stercobilin in the feces in epidemic hepatitis (Botkin's disease) and its clinical significance. [illegible]. Vrach. delo no. 11:1165-1168 N '59.

STEREOCHEMISTRY

Spatial configuration of stereoisomeric 1, 2-diisopropylcyclohexanes. A. L. Liberman, T. V. Vasina, B. A. Kazanskii. Dokl. AN SSSR 1[illegible] no. 1:130-1[illegible] [illegible] '60.

STEREOTYPING

Making ready and adjusting stereotypes on rotary presses. M. M. Naskan. Polig. proizv. no. 12:8-10 D '59.

New cutters for finishing stereotypes. V. I. Dorofeev. Polig. proizv. no. 12:10-11 D '59.

STERILITY IN ANIMALS

New method of determining barrenness in cows. A. Lo-gorelov. Nauka i pered. op. v sel'khoz. 9 no. 12:63-64 D '59.

Recommendations for using hormonal methods in controlling barrenness of cows. M. M. Zavadovskii. Biul. nauch.-tekh. inform. VIZh no. 1:27-29 '59.

STERILITY IN PLANTS

Abnormalities in the grapevine flower. G. V. [illegible]. Nauch. dokl. vys. shkoly; biol. nauki no. 2:107-109 '58.

STERNBERGIA

Comparative morphology of Sternbergia lutea (L.) Ker Gawl. and S. fischeriana (Herb.) Rupr. G. E. Kapinos. Izv. AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:19-29 '59.

STERNUM

Dermoid cyst in the sternal region. P. G. Nardsanov. Zdrav. Belor. 5 no. 12:40 D '59.

STERNUM—ABNORMITIES AND DEFORMITIES

Case of congenital V-form [illegible]. I. A. Kapiton[illegible]. Vest. rent. i rad. 34 no. 2:84 Mr-Ap '59.

STETSENKO, KYRYLO HRYHOROVYCH, 1882-1922

Composer K. H. Stetsenko and folk songs. L. O. Parkhomenko. Nar. tvorch. ta etn. 3 no. 3:38-41 Jl-S '59.

STEVENAGE NEW TOWN, GREAT BRITAIN—STRIKES AND LOCKOUTS—CONSTRUCTION WORKERS

Strike of construction workers against weapons. H. S. Lowe. Vsem. prof. dvizh. no. 6:[illegible] Je '58.

STIBNITE see subdivision under: Dzhizhikrut region

STILLBIRTH

Classification of the causes of stillbirth. S. L. Sosin. Vop. okh. mat. i det. 4 no. 6:40-49 N-D '59.

STOCK AND STOCKBREEDING

(see also subdivision under: Akmolinsk Province; Andreevka District, Alma-Ata Province; Arys' District; China; Kazakhstan; Kitaman' District; Krasnodar Territory; Kustanay Province; Rybnitsa District)

Berenshtein, F. IA. [Trace elements, their biological role and significance for stockbreeding] Mikroelementy, ikh biologicheskaia rol' i znachenie dlia zhivotnovodstva. Minsk, Gos. izd-vo BSSR, Red. sel'khoz. lit-ry, 1959. 231 p.

Calculating the amortization of breeding stock. D. Lo-senko. Kolh. Ukr. 6 no. 12:4 D '59.

"Catch up with and surpass the U.S.A. in the production of livestock products." Reviewed by M. Il'in. Ekon. sel'khoz. 16 no. 8:140-141 D '59.

Communal ownership of cattle among nomadic cattle breeders [with summary in English]. A. I. Pershits. Sov. etn. no. 6:17-42 N-D '59.

Coordinated Council on problems of increasing the production and improving the quality of meat. A. Kuznechev. Vest. sel'khoz. nauki 4 no. 11:147-148 N '59.

Economic effectiveness of mechanized transportation on livestock farms. I. B. Batanaba. Mekh. sil'. hosp. 11 no. 1:22-23 Ja '60.

Good results. Kanstantsin Koshka. Belarus' 16 no. 11:19 N '59.

In the Council of Ministers of the R.S.F.S.R. Awards to leaders in animal husbandry. Sel'khoz. Povol. 3 no. 11:6 N '59.

Increasing the production and improving the quality of meat [with summaries in English, German, and French]. N. P. Rostovtsev. Vest. sel'khoz. nauki 4 no. 11:50-57 N '59.

Irradiation of animals with ultraviolet rays. A. E. Novikova. [Nauch. trudy] VIESKh 5:5-25 '59.

Let's intensify the over-all mechanization of stockbreeding. H. Vol'tovskii. Komm. Ukr. 35 no. 11:11-14 N '59.

New achievements ("New achievements of animal husbandry". Reviewed by S. Pylypenko). Kolh. Ukr. 6 no. 12:45-46 D '59.

New books. [illegible] Kolh. Ukr. [illegible] D '59.

Over-all mechanization of livestock farms. [illegible] Kolh. Ukr. [illegible] '59.

Relation between mass and individual selection in animal breeding [with summary in English]. [illegible] Izv. AN SSSR. Ser. biol. 24 no. 6:[illegible] N-D '59.

[The Ryazan achievement] Podvig Riazani. Moskva, Izd-vo "Pravda," 1960. 64 p. (Biblioteka "[illegible] pravda," no. 1)

Ultraviolet irradiation of animals on the farms [with summaries in English, German, and French]. [illegible] Vest. sel'khoz. nauki [illegible] D '59.

[illegible] '60.

STOCK AND STOCKBREEDING—ACCOUNTING

(see also subdivision under: Vinnitsa Province)

Possibilities for improving accounting in the [illegible] of collective farms. [illegible] Kolh. Ukr. [illegible]

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

(see also subdivision under: Ukraine)

In the campaign for the [illegible]

STOMACH

Effect of sleep on the secretory activity of the [illegible] in dogs [with summary in English]. A. P. P[illegible] Fiziol. zhur. [Ukr.] 5 no. 6:[illegible] N-D '59.

Excretory function of the stomach in [illegible] patients before and after [illegible] Vrach. delo no. 11 [illegible]

Motor activity of the stomach during [illegible] effect of sleep. Pt. 1. Motor activity [illegible] in dogs during the waking period. A. P. P[illegible] Fiziol. zhur. [Ukr.] [illegible]

Some comparative [illegible] N. N. P[illegible] for and objective rating [illegible] Vop. [illegible]

STOMACH—[illegible]

Evaluation of the functional sufficiency of gastric [illegible] based upon the dynamics of its peristaltic and evacuatory activity [with summary in English]. A. [illegible] Arkh. anat., gist. i embr. 37 no. 11:[illegible]

Variations in the origin of [illegible] [with summary in English] [illegible] 41 no. 11:104-[illegible]

STOMACH—CANCER

Functional state of the [illegible] of the stomach. Report No. 2 [with summary in English]. H. M. Ramazanov. Fiziol. zhur. [Ukr.] [illegible] N-D '59.

STOMACH—DISEASES

Electrophoretic studies [illegible] of the gastric juice in patients with [illegible] gastritis [with summary in English] [illegible] terap. arkh. [illegible]

STOMACH—EXPLORATION

Advantages of gastroscopy [illegible] with roentgenological [illegible] functional diagnosis of [illegible] of the stomach [with summary in English] [illegible] S. B. Korsunovskaia, V. I. Kulakov [illegible] no. 12:[illegible] D '59.

STOMACH—FOREIGN BODIES

Observation of foreign bodies in the stomach. V. I. [illegible] matsirovich. Nov. khir. arkh. [illegible]

STOMACH—SURGERY

Radiographic observation of [illegible] tion organs following [illegible] Vrach. delo no. 11:1163-1164 N '59.

Review of A. S. Pipko's "X-ray diagnosis of complications following gastrectomy" [illegible] khir. 83 no. 11:[illegible]

STOMACH—TUMORS

Leiomyoma of the stomach [illegible]. N. P. Batian. Zdrav. Belor. 5 no. 12:46-[illegible] D '59.

STONE, CRUSHED

(see also subdivision under: [illegible])

New machinery for stone-crushing plants. [illegible] Put' i put. khoz. no. 12:[illegible] D '59.

STONE AGE

(see also subdivision under: Azerbaijan; China; Europe, Eastern; Kostenki; Voronezh Province; Tajikistan; Uzbekistan)

Images of women in the Magdalenian [illegible] Krat. soob. IIMK no. 78:103-[illegible] '59.

STRONTIUM SULFIDE

Investigation of light sums in the phosphor SrS-Eu, Sm. Part 2 I. B Keirim-Markus. Opt i spektr 7 no 4: 537-541 O '59

STRUCTURAL FRAMES

Bilateral evaluation of the critical value for the parameter of longitudinal loading in designing frames for strength. A. A. Derkachev Dokl. AN Tadzh. SSR 2 no. 2:3-8 '59.

Designing T-, I-, U-shaped eccentrically compressed reinforced concrete construction elements. I A. Rokhlin. Nov. v stroi. tekh. no. 13 56-62 '59.

Electric modeling of plane frames with fixed joints taking into account the yielding of foundations. K. K Keropian, IA. D. Gil'man. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6:43-55 '59.

Rabinovich, I M. [Structural mechanics of rod systems] Stroitel'naia mekhanika sterzhnevykh sistem. Moskva, Gos. izd-vo stroit. lit-ry, 1946. 419 p.

Shagin, P. P. [Static design of framed panel residential and public buildings] Staticheskii raschet sbornykh karkasno-panel'nykh zhilykh i obshchestvennykh zdanii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 174 p

STRUCTURAL GEOLOGY see Geology, Structural

STRUCTURES, THEORY OF

Designing structural members and their elements for the action of temporary loads. V I Sharafutdinov. Dokl. AN Uz. SSR no. 11:13-15 '59.

Elucidating the problem in geometrical unchangeability of structures in textbooks. B. F. Neustroev, V. I. Roev. Izv. vys. ucheb zav., stroi. i arkhit no. 7:169-171 '59.

Rabinovich, I. M. [Structural mechanics of rod systems] Stroitel'naia mekhanika sterzhnevykh sistem. Moskva, Gos. izd-vo stroit. lit-ry, 1946. 410 p.

Vlasov, V. Z., and N. N. Leont'ev. [Elastically supported beams, plates, and shells] Balki, plity i obolochki na uprugom osnovanii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 491 p.

STRYCHNINE

Treatment of barbiturate poisoning with strychnine M A. Avert'ianova, L P Zaretskaia, M. G. Sheinis Vrach delo no 11 1203 N '59

STUDENT ACTIVITIES

(see also subdivision under Kaliningrad, Kamensk'-Ural'skiy)

Constructive initiative and useful work. Nar. obr. no. 5:59 My '60.

Cultivate students' abilities and skills. R. G. Lagun. Prep. ist. v shkole 14 no. 6:98-99 N-D '59

From the depth of centuries into space. G. N. Matiushin. Prep. ist. v shkole 14 no. 6.95-98 N-D '59.

N. K. Krupskaia on socially useful work. Z. S. Uzhgina. Sov. pedag. 24 no. 1.88-94 Ja '60.

On the border of Algeria. Z. Nergl. Vsem. stud. nov. 13 no 12 10-13 D '59

Students' contribution to agriculture. IUn. tekh. 4 no. 11:25-27 N '59.

STUDENT ETHICS

Students should discuss all cases of the contravention of discipline M. Gribanov. Agitator no. 23:48-49 D '59

STUDENT TEACHING

Student teaching in collective-farm day nurseries. P. A. Novoselova, O. L. Kupchinskaia, M. S. Fedorova. Doshk. vosp. 33 no. 1:54-58 Ja '60.

STUDENT TEACHING—PSYCHOLOGICAL ASPECTS

Psychological analysis of the pedagogical tact shown by student teachers. V I Strakhov Vop psikhol. 5 no. 6. 169-174 N-D '59.

STUDENTS

Hygienic evaluation of school uniforms [with summary in English]. Z. S. Lapshina. Gig. i san. 24 no 12:30-36 D '59.

Reader's page. Vsem. stud. nov. 13 no. 12:1-2 D '59.

Student life. Vsem. stud. nov. 13 no. 12:22-23 D '59.

Work capacity of boarding school students in relation to daily schedule [with summary in English]. D. Kh. Nusbaum, N. S. Fokina. Gig i san. 24 no 12:36-42 D '59.

STUDENTS—RECREATION

How to occupy yourself during the hours of leisure. A. Evseev. Sel'. mekh. no. 12:21 '59.

STUDENTS' SOCIETIES, ETC.

African students and African unity. Vsem. stud. nov. 13 no. 12:18-21 D '59.

STUDITSKII, ALEKSANDR NIKOLAEVICH, 1909-

Aleksandr Nikolaevich Studitskii; on the 50th anniversary of his birth. A. I. Fridenshtein. Arkh. anat. gist. i embr. 37 no. 10:118-120 O '59.

STURGEONS—DISEASES AND PESTS

Role of Apus cancriformis Schaffer as a pest on sturgeon rearing fish farms. I. B Bogatova. Vop. ikht. no. 12: 165-176 '59.

STURGEONS, FOSSIL see subdivision under Ulan-Ude region

STYLE, LITERARY

Problems of literary genres and forms in the works of present-day foreign theoreticians. IE I. Starynkevych. Rad. lit. no. 6 117-132 N-D '59.

SUBLIMATION (PHYSICAL SCIENCES)

Graphic method for determining the degree of sublimation condensation [with summary in English] IA. Tsiborovskii. Inzh.-fiz zhur no 12:50-56 D '59

SUBMARINE BLASTING see Blasting, Submarine

SUBMARINE BOATS

Bolgarov, N. P. [Stories about submarines] Rasskazy o podvodnoi lodke. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 230 p.

Engine room mechanics. V. Petrov. Voen. znan. 36 no 4:26-27 Ap '60.

Isakov, I. S., and L. M. Eremeev. [Use of submarines for transportation] Transportnaia deiatel'nost' podvodnykh lodok. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 365 p.

Its name is "Severianka" (to be continued). E Fedorovskii Vokrug sveta no. 1 24-27 Ja '60

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY

Submarine mineral resources. G I Pokrovskii Tekh mol 27 no 12 4 '59

SUBMARINE TOPOGRAPHY

Dimensions of principal parts of the bottom of oceans and seas. V N. Stepanov. Biul. Okean kom. no 3:31-39 '59.

SUBSIDENCES (EARTH MOVEMENTS)

Theory of rock pressure. K. V. Ruppeneit. Ugol' 34 no. 12:43-46 D '59.

SUBSTATIONS, ELECTRIC see Electric substations

SUBSTITUTION (CHEMISTRY)

Substitution for the halogen in azo compounds. Part 9: Effect of the position of the halogen and of the electron-donor substituent, and effect of the latter's nature. M. A. Andreeva, B. I. Stepanov. Zhur. ob. khim. 30 no. 4: 1350-1356 Ap '60.

SUBVERSIVE ACTIVITIES see subdivision under Ukraine, Western; Turkestan

SUBWAYS—AIR CONDITIONING see subdivision under United States

SUCCINIC ACID

Reaction of N-(carboxyphenyl) amides of succinic acid with ethylene glycol and glycerol. M. S. Dudkin. Zhur. prikl. khim. 32 no. 8:1883-1885 Ag '59.

SUCCINIC DEHYDROGENASE

Some changes in the adenosinetriphosphoric acid content and in succinic dehydrogenase activity of Filatov's flap during its formation and migration [with English summary in appendix] A. V. Gor'kova. Ortop., travm. i protez. 20 no. 11:33-36 N '59.

SUCHAN BASIN—LABOR AND LABORING CLASSES—DWELLINGS

We have a high respect for builders. U. Sharipov. Mast. ugl. 8 no. 2,19 F '59.

SUCROSE

Saccharose transformation in the fibrovascular bundles of sugar beets [with summary in English] M. V. Turkina Fiziol. rast. 6 no. 6:709-718 N-D '59.

SUDMALIS, IMANTS

Letters of the Soviet patriot Imants Sudmalis written on the eve of his death. B. I. Zhuchkov. Ist. arkh. no. 6: 153-164 N-D '59.

SUGAR BEETS

(see also subdivision under Kirghizistan; Ukraine)

Agronomist Karaerov's valuable suggestion. A. Fedotov. Nauka i pered. op. v sel'khoz. 9 no. 12:54-55 D '59.

Increasing the photosynthetic rate in sugar beets by special treatment of seeds before sowing. Kh. M. Pochynok, A. S. Okanenko. Dop. UASHN 2 no. 6:10-13 N-D '59.

Monospermous sugar beets, their breeding and seed production. N. I. Orlovskii. Agrobiologiia no 6:846-851 N-D '59.

Operations of Vinnitsa Seed Processing Plant L F Lapinskii, V. S Borachuk Sakh prom 33 no 12 55-57 D '59.

Saccharose transformation in the fibrovascular bundles of sugar beets [with summary in English]. M. V. Turkina. Fiziol. rast. 6 no. 6:709-718 N-D '59.

Work experience of consolidated brigades. D. L. Pelykh. Kolh. Ukr. 6 no. 12:19-20 D '59.

SUGAR BEETS—DISEASE AND PEST RESISTANCE

Special problems of developing the P 028 cercospora-resistant sugar beet variety. S. P. Sevost'ianov, L. E. Eletskaia. Agrobiologiia no. 6:908-911 N-D '59.

SUGAR BEETS—DISEASES AND PESTS

Aerial mist spraying applied in the control of sugar beet weevils S G. Starostin Zashch rast. ot vred i bol. 4 no 3 19-21 My-Je '59

Lamellicorn pests of sugar beets and their economic importance in the Chuya Valley A I Protsenko. Trudy Inst zool i paraz. AN Kir. SSR no 7:245-262 '59.

Machinery used in the control of sugar beet pests E D Kreminskaia Trakt i sel'khozmash no 1:17-19 Ja '60

SUGAR BEETS—HARVESTING

Ways of lowering the cost of sugar beet harvesting. A. Bovsunovs'kyi, A. Zelins'kyi. Kolh. Ukr. 6 no. 12: 21-22 D '59.

SUGAR BEETS—TRANSPORTATION see subdivision under Alma-Ata Economic region

SUGAR CANE—FERTILIZERS AND MANURES

Effectiveness of phosphorus-potassium fertilizers for sugar cane on irrigated Sierozems of southern Central Asia. V. P. Teterin. Dokl. AN Tadzh. SSR 2 no. 2 45-49 '59.

SUGAR INDUSTRY

(see also subdivision under Kuban; Sweden, Ukraine)

Increase the yield of sugar from the 1959 sugar-beet crop Sakh prom 33 no 12 1-2 D '59

Practices of the Kazatskii Combine in the use of bank loans G L Fedoseev Sakh prom 33 no 12 49-50 D '59

Some aspects of sugar industry economics N B Pokrovskaia Sakh prom 33 no 12:39-42 D '59

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Czechoslovakia; Kiev, United States)

Measures for improving boiler room operations N. K Polishchuk Sakh prom 33 no. 12.31-32 D '59.

SUGAR MACHINERY

(see also subdivision under Poland; Zherdevka)

Shortcomings of technical equipment at new sugar factories. S. G TSizin Sakh prom 33 no. 12:18-21 D '59

SUGAR MANUFACTURE

(see also subdivision under Dzhambul Province)

Source of sugar losses in diffusion P. D. Golovkov Sakh. prom 33 no 12:21-25 D '59.

SUGAR MANUFACTURE—BIBLIOGRAPHY see Bibliography—Sugar manufacture

SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES

(see also subdivision under Odessa)

Use of a phosphate reagent for cleaning raw juice preheaters. A A. Gvozdik Sakh. prom. 33 no 12 25-26 D '59

SUGAR TRADE see subdivision under Cuba

SUITEH COUNTY, CHINA—BOTANY

Vegetation on the roofs of Chinese peasant houses built in loess (Suiteh County, Shensi Province) N. E. Kabanov Bot zhur. 44 no 10:1480-1483 O '59

SUKHOMLINSKII, VASILII ALEKSANDROVICH

Vasilii Aleksandrovich and his school V. Halicha Ukraina no 24:7 D '59

SUKHOVO-KOBYLIN, ALEKSANDR VASIL'EVICH, 1817-1903

Milonov, N. A. [Dramatic compositions of A. V. Sukhovo-Kobylin] Dramaturgiia A. V. Sukhovo-Kobylina. [Tula] Tul'skoe knizhnoe izd-vo, 1956. 111 p.
(WU)

SUKHOVYAZ REGION (URAL MOUNTAINS)—GRANITE

Petrochemistry of granitoids in the Sukhovyaz massif in the Urals. Li Ven'-Sian Izv. vys. ucheb. zav.; geol. i razv. 2 no. 8:76-82 Ag '59.

SUKHUMI—ANTIQUITIES

Archaeological excavations in the Sukhumi area. M. M. Trapsh. Trudy Abkh. inst. iaz., lit. i ist. 29:185-207 '58.

SUKHUMI—ATMOSPHERIC TEMPERATURE

Characteristics of temperature regimen and local atmospheric circulation over Sukhumi. I. F. Kvaratskhelia. Trudy Tbil NIGMI no. 4 93-111 '59.

SUKHUMI—WINDS

Characteristics of temperature regimen and local atmospheric circulation over Sukhumi. I. F. Kvaratskhelia. Trudy Tbil. NIGMI no. 4 93-111 '59.

SUKONNIKOV, AMVROSII IVANOVICH

Permanentaly re-elected committee president. I. Viten. Mast. ugl. 8 no. 2:13-14 F '59.

SULAK VALLEY—SAIGA

Migration of saiga to the Sulak-Terek Lowland [with summary in English]. I. M. Kolesnikov Zool. zhur. 38 no. 1:137-139 Ja '59.

SULFAMIDE

Acylation of aryl sulfamides with esters of acetoacetic acid and its derivatives A. E. Kretov, E. A. Abrazhanova. Zhur. ob. khim 30 no 4,1243-1245 Ap '60.

N-α-Hydroxybenzylaryl sulfamides. A. D. Kretov, E. A. Abrazhanova, S. I. Zlotchenko Zhur. ob. khim 30 no. 4:1180-1182 Ap '60.

SULFATES

Effect of sulfate ions on the distribution coefficient of macroamounts of thorium in the extraction with tributyl phosphate. E. P. Maiorova, V. V. Fomin. Zhur. neorg. khim. 4 no. 11:2511-2514 N '59.

Fusibility diagram for a system consisting of sodium and potassium sulfates and bromides. R. N. Niankovskaia. Zhur. neorg. khim. 4 no. 11 2591-2595 N '59.

Regularities in the formation of sulfides and metallic oxides during the thermochemical decomposition of manganese and iron sulfates. V. V. Pechkovskii. Zhur. prikl. khim. 32 no. 12·2613-2618 D '59.

Sulfates in interstitial waters of the Black Sea. O. V. Shishkina. Trudy Inst. Okean. no. 33,170-193 '59.

SULFIDES

Effect of gamma radiation on colloidal solutions of zinc cadmium and lead sulfides. L. P. Beruchashvili, E. M. Nanobashvili. Trudy Inst. khim AN Gruz. SSR 14:113-119 '58.

Effect of solutions of certain inorganic and organic substances on the rate of sulfide ore oxidation. F. N. Pavlov, N. P. Diev, V. G. Piliusnin. Trudy Inst. met. UFAN SSSR no. 3·9-14 '59.

Photocolorimetric determination of sulfides in liquors for sulfidizing metals. F. K. Baev, L. V. Kanevskaia. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:843-845 '59.

Photometric determination of microquantities of sulfides and sulfur in metals from the catalytic effect on the iodine-azide reaction. A. K. Babko, L V. Markova Zav. lab no 11:1283-1287 '59.

Regularities in the formation of sulfides and metallic oxides during the thermochemical decomposition of manganese and iron sulfates. V. V. Pechkovskii. Zhur. prikl. khim. 32 no. 12·2613-2618 D '59.

Synthesis of sulfur-containing compounds, based on vinyl ethers and acetylene. Report No. 23: Oxidation of vinyl sulfides and some properties of vinyl sulfoxides and sulfones. E. N. Prilezhaeva and others. Izv. AN SSSR Otd. khim. nauk no. 4:724-733 Ap '60.

SULFIDES—METALLURGY

Chlorinating sulfides in an atmosphere of carbon tetrachloride. L. V Zverev, N. V. Petrova. TSvet. met. 32 no. 12,37-42 D '59.

Method of direct determination of dissociation pressure of metal sulfides. R. A. Isakova, V. D. Ponomarev. Izv. AN Kazakh. SSR, Ser. met. obog. i ogneup. no. 1:65-70 '59.

Pressure of zinc sulfide vapor at 1200 - 1400 . V. N. Nesterov, V. D. Ponomarev. Izv. AN Kazakh. SSR, Ser. met. obog. i ogneup. no. 1:80-84 '59.

SULFITE LIQUOR

Basic trends in the development of new techniques in the hydrolysis and alcohol industries using sulfite liquors. M. I. Mikhailov. Gidroliz. i lesokhim. prom. 12 no. 8·1-4 '59.

Sulfite pulping with acid containing an ammonium base. M. G. Eliashberg, M. N. TSypkina. Bum. prom. 34 no. 12 2-6 D '59.

Sulfuric acid precipitation of lignosul'fonates in the presence of some components of sulfite liquor. A. V. Buevskoi, S. A. Sapotnitskii. Trudy LTA no. 80 pt. 2: 29-36 '58.

SULFITES

Theory of the oxidation of sulfite-bisulfite solutions. B. A. Chertkov. Zhur. prikl. khim. 32 no. 12:2609-2610 D '59.

SULFONAMIDES

Acute hemolytic reaction in a six-year old child following use of streptocide and sulfodimezine. G. M. Motan. Vop. okh. mat. i det. 4 no. 6:79-80 N-D '59.

SULFONATION

Kinetics of the sulfonation of xylene and ethylbenzene isomers by sulfuric acid. IA. I. Leitman, M. S. Pevzner. Zhur. prikl. khim. 32 no. 8:1842-1849 Ag '59.

Sulfonation of 2- and 4-nitrophenanthrenequinones. V. I. Sevast'ianov. Zhur. prikl. khim. 31 no. 4:658-660 Ap '58.

SULFONE

Phenothiazones. Part 4: Bromophenothiazine sulfoxides and bromodiphenylamine sulfones. C. Bodea, M Raileanu. Zhur. ob. khim. 30 no. 4:1131-1135 Ap '60.

Sulfones and sulfoxides. Part 1: Vinyl ethyl sulfone, its synthesis and some of its conversions. M. F. Shostakovskii and others. Zhur. ob. khim. 30 no. 4:1123-1130 Ap '60.

SULFONIC ACID

Methods of increasing the surface activity of sulfonic acids and sulfonates [with summary in English]. E. A. Myshkin. Koll. zhur. 21 no. 6:673-678 N-D '59.

Synthetic detergents and their compositions. F. V. Nevolin. Khim nauka i prom 4 no 5·586-592 '59

SULFOXIDE

Phenothiazones. Part 4· Bromophenothiazine sulfoxides and bromodiphenylamine sulfones C. Bodea, M Raileanu. Zhur. ob khim. 30 no 4 1131-1135 Ap '60.

Synthesis of sulfur-containing compounds, based on vinyl ethers and acetylene. Report No. 23: Oxidation of vinyl sulfides and some properties of vinyl sulfoxides and sulfones. E. N. Prilezhaeva and others. Izv. AN SSSR Otd. khim. nauk no. 4:724-733 Ap '60.

SULFUR

Additive for heavy motor fuels with a high sulfur content. T Skichko Neftianik 4 no 12:27 D '59.

Determining the sulfur content of crude carbon disulfide from its specific gravity. K. E. Perepelkin. Khim. volok. no. 5,56-57 '59.

Removal of arsenic from gas sulfur by the milk of lime method. A. V. Avdeeva, A. A. Burba. Khim. prom. no. 6;501-502 S '59.

SULFUR—ANALYSIS

"Inactive" sulfur content of sulfonic ion-exchange resins. A. A. Vasil'ev, V. A. Orestova, N. A. Nikolaeva. Zhur. prikl. khim. 32 no. 12;2650-2655 D '59.

Photometric determination of microquantities of sulfide ions using a catalytic reaction [with summary in English]. A. K. Babko, L. V. Markova. Dop AN URSR no. 11· 1221-1228 '59.

Photometric determination of microquantities of sulfides and sulfur in metals from the catalytic effect on the iodine-azide reaction A K. Babko, L. V Markova Zav. lab. no. 11:1283-1287 '59.

Use of spectrography for determining sulfur in cokes and coals. I. A. Berezin, K. V. Aleksandrovich. Zav. lab. 25 no. 12;1480-1481 '59.

SULFUR—ISOTOPES

Method for simultaneous determination of the volume of extracellular "sulfate" space and the volume of circulating blood in an intact organism by the use of radioactive sulfur and phosphorus [with summary in English] M. A. Khvoinyts'ka Ukr. biokhim zhur 31 no 5 759-764 '59

SULFUR—SPECTRA

Sulfur determination in certain types of steel and in welded joints by means of a steeloscope A. S. Dem'ianchuk. Avtom svar. 12 no 12;82-84 D '59.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS

Determination of different sulfur compounds in marine sediments. I. I. Volkov. Trudy Inst. Okean. no. 33,194-208 '59.

Group analysis of sulfur compounds in diesel fuels. I. A. Rubinshtein, Z. A. Kleimenova. Khim. i tekh. topl. i masel 5 no. 1;53-57 Ja '60.

SULFUR DIOXIDE

Formation of sulfur dioxide in the process of oxidizing pyritic copper ores at low temperatures. F. N. Pavlov, N. P. Diev. Trudy Inst. met. UFAN SSSR no. 3;5-7 '59.

Synthesis of cleaning compounds via the sulfonation of olefins by a solution of sulfuric anhydride in liquid sulfurous anhydride. K. V. Puzitskii, IA. T. Eidus, A. IU. Rabinovich. Zhur. prikl. khim. 32 no. 8;1819-1824 Ag '59.

SULFUR IN THE BODY

Amino acids containing sulfur in liver and muscle proteins of white rats of different ages [with summary in English]. V. M. Nikitin, O. P. Sylin, IU. A. Moroz. Dop. AN URSR no. 11;1260-1262 '59.

SULFUR MINES AND MINING see subdivision under Rozdol region

SULFUR ORGANIC COMPOUNDS

Kinetics of hydrodesulfuration reactions. R. D. Obolentsev, A. V. Mashkina. Dokl. AN SSSR 131 no. 5;1092-1095 Ap '60.

Sulfur organic compounds of crude oils from southern Central Asia. I. U. Numanov, A. I. Skobelina. Dokl. AN Tadzh. SSR 2 no. 3;7-10 '59.

SULFUR TRIOXIDE

Possibility of identifying β-sulfur trioxide by its melting point. S. N. Kondrat'ev. Zhur. neorg. khim. 4 no. 11: 2423-2427 N '59.

Refractometric and viscosimetric study of the system nitric acid - sulfuric acid - sulfuric anhydride. V. A. Usol'tseva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6;871-875 '59.

Synthesis of cleaning compounds via the sulfonation of olefins by a solution of sulfuric anhydride in liquid sulfurous anhydride. K. V. Puzitskii, IA. T. Eidus, A. IU. Rabinovich. Zhur. prikl. khim. 32 no. 8;1819-1824 Ag '59.

SULFURIC ACID

Characteristics of limestone for sulfuric acid towers in sulfite-cellulose production. A. I. Zhel'vis. Trudy LTA no. 87;103-109 '59.

Expressing the concentration of sulfuric acid in nitroso. M. L. Varlamov, E. L. Krichevskaia. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6;904-908 '59.

Kinetics and mechanism of reactions in concentrated strong acid media. Part 2 [with summary in English]. M. I. Vinnik, R. S. Riabova, N. M. Chirkov. Zhur. fiz khim. 33 no. 12,2677-2686 D '59.

Refractometric and viscosimetric study of the system nitric acid - sulfuric acid - sulfuric anhydride. V. A. Usol'tseva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6:871-875 '59.

Study of the system Ti $(SO_4)_2$ - H_2SO_4 - NaOH - H_2O (at 20 and 25°) using the methods of solubility and apparent volume of the precipitate. A. I. Ul'ianov. Izv. AN SSSR Otd. khim. nauk no. 4;580-587 Ap '60.

SULFURIC ACID INDUSTRY—BY-PRODUCTS

The recovery of selenium from spent sludge in the manufacture of sulfuric acid. V. D Ponomarev, E. A. Buketov, G. A Kononenko Izv vys ucheb. zav.; tsvet. met 2 no 6;85-92 '59

SULFURIC ACID INDUSTRY—EQUIPMENT AND SUPPLIES

Automatic control of contact processes in the manufacture of sulfuric acid. S. V. Kuznetsov, S. G. Golubova. Bum. prom. 34 no. 12·8-12 D '59.

SUMGAIT—DESCRIPTION

Seven-year plan in operation; Sumgait, a new town. V. IAkovlev. Sov. foto 19 no. 11:9 N '59.

SUMGAIT—INDUSTRIES

There is such a city and there are such people. K. Aksanov. Mol. komm. no. 12·61-70 D '59.

SUMGAIT—PIPE MILLS

Sumgait's giant. R. Shapiro Znan sila 34 no 12 9-10 D '59.

SUMY PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES

Using low-grade potassium and phosphate fertilizers on collective farms of Sumy Province. L S Vakal, V. P. Vishnevskii, V. G. Litvin Ud i ur. 4 no 12,32-33 D '59.

SUMY PROVINCE—FOLK SONGS, UKRAINIAN

Ukrainian folk songs in a manuscript collection of 18th century songs; submitted and commented by I. S. Abramov. Nar. tvorch. ta etn. 3 no. 3;112-116 Jl-S '59.

SUN

Abundance of thorium on the sun [with summary in English]. A. B Severnyi. Izv. Krym. astrofiz obser. 19: 90-104 '58.

Comparing separate phenomena in the radio wave emission of the sun on the wavelength λ = 1, 5 m, with optical processes on the sun. A. B. Severnyi. Izv. Krym. astrofiz. obser. 15:111-120 '55.

Comparison of the sporadic radio-wave emission of the sun on the 1, 5 m. wave length with optical processes on the sun [with summary in English]. I. G. Moiseev, S. I. Gopasiuk. Izv. Krym. astrofiz. obser. 17;211-218 '57.

Distribution of velocity in the turbulent medium and profiles of spectral lines radiated by knots of quiescent prominences [with summary in English]. E. E. Dubov. Izv. Krym. astrofiz. obser. 17:199-210 '57.

Ejection of matter from chromospheric flares. E. R. Mustel'. Izv. Krym. astrofiz. obser. 15;95-103 '55.

Equation for determining the distribution function of optical layers and original intensities of solar bursts. R. E. Guseinov. Dokl. AN Azerb SSR 15 no. 12;1103-1105 '59.

Flare above the sun's limb of August 16, 1952, and the problem of transparency and radiation of chromospheric flares. A. B. Severnyi. Izv. Krym. astrofiz. obser. 13:103-110 '55.

Interference-proof equipment for recording radio wave emission of the sun. I. G. Moiseev. Izv. Krym. astrofiz. obser. 15;104-110 '55.

Investigating motions in the chromosphere and flocculi by the Doppler shift of spectral lines K_2 and K_3 of Ca+ [with summary in English]. V. L. Khokhlova. Izv. Krym. astrofiz. obser. 17;177-190 '57.

Investigating the chromospheric flare of June 13, 1950. A. B. Severnyi, E. R. Mustel'. Izv. Krym. astrofiz. obser. 13,82-96 '55.

Investigating the development of chromospheric flares on the sun. A. B. Severnyi, E. F. Shaposhnikova. Izv. Krym. astrofiz. obser. no. 12;3-32 '54.

Investigation of the solar chromosphere. Part 2 [with summary in English]. V. P. Viazanitsyn Izv. GAO 21 no. 1;140-155 '57.

Keenman's attempt to detect deuterium on the sun [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obser. 18;105-108 '58.

Large-scale motions in subphotospheric layers of the sun [with summary in French]. V. E. Stepanov, M. A. Kliakotko. Izv. Krym. astrofiz. obser. 16:80-90 '56.

Motion in the solar flare of August 31, 1956 [with summary in English]. S. I. Gopasiuk. Izv. Krym. astrofiz. obser. 19:100-104 '58.

SUN (Continued)

Observations of the sun E Hurtovenko Nauka i zhyttia 8 no 10 47-49 O '58

Observations of the sun's photosphere and chromosphere at the Astronomical Observatory of Kiev University in 1946-1950 M IU Zel'dina, E N Zemanek, A N Sergeeva Trudy KAO 2·3-468 '58

Photoelectric determination of the sun's color. E. K. Nikonova. Izv. Krym astrofiz obser no. 12 56-63 '54

Physical nonhomogeneity of the solar atmosphere. V A Krat. Izv. Krym. astrofiz obser 16,200-206 '56.

Physical properties of chromospheric flares. Zd Švestka. Izv Krym astrofiz obser. 16·209-211 '56

Problems of subphotospheric stratification and circulation on the sun [with summary in English]. B. M. Rubashev. Izv GAO 21 no 3 39-62 '58

Scattering of light in the chromosphere by hydrogen atoms (according to the chromospheric line H_β) [with summary in English]. L M Pravdiuk Izv GAO 21 no. 3 19-23 '58.

The solar chromosphere [with summary in English]. V.A. Krat, V M Sobolev Izv GAO 21 no 1·116-139 '57

Some problems in studying the sun. A. B. Severnyi. Izv Krym astrofiz. obser. 16,194-196 '56.

SUN—CORONA

The GAISh coronagraph for outside-eclipse observations. A B Delone, E A Makarova, V G Kurt Astron. tsir no 203·3-4 Je '59

New data on the solar corona. M. N. Gnevyshev, R. S. Gnevysheva. Izv. Krym. astrofiz. obser. 16·212-215 '56.

Nonuniformity of the solar corona according to observations of the green coronal line at Pulkovo [with summary in English] I A Prokof'eva Izv GAO 21 no 1:170-175 '57

Observation of the structure of the corona in the 5691 A yellow line outside eclipse M. G. Karimov, E. A. Makarova, S. O. Obashev. Astron tsir. no. 180,20-22 My '57.

Results of the observations of solar corona of June 30, 1954. S. B. Pikel'ner. Izv. Krym. astrofiz. obser. 13 111 '55.

SUN—FACULAE

Determining the optical depth of grains of continuous emission in solar faculae [with summary in English]. V. L. Khokhlova. Izv. Krym. astrofiz. obser. 19·115-125 '58.

SUN—FACULAE—SPECTRA

Behavior of lines of ionized calcium in faculae [with summary in French] V. L. Khokhlova. Izv. Krym astrofiz. obser. 16;73-79 '56.

SUN—FLOCCULI

Physics of flocculi and corpuscular emission of the sun. E. R. Mustel'. Izv. Krym. astrofiz. obser. 16,206-207 '56.

Relationship between calcium flocculi and geomagnetic and ionospheric disturbances [with summary in English] E. R. Mustel', O. N Mitropol'skaia Izv Krym astrofiz obser 18·162-181 '58

SUN—FLOCCULI—SPECTRA

Comparison of hydrogen and calcium spectroheliograms and the excitation of hydrogen atoms in flocculi [with summary in English]. E. R. Mustel', T. T. TSap. Izv Krym. astrofiz. obser. 17;162-176 '57.

Spectrophotometry of lines of the infrared triplet of ionized calcium λλ 8498, 8542, and 8662 in flocculi [with summary in English]. E. R. Mustel', T. T. TSap. Izv. Krym. astrofiz. obser. 16;67-72 '56.

SUN—PROMINENCES

Development of the prominence of August 5, 1951 [with summary in French]. A. E. Balkovoi. Izv. Krym. astrofiz. obser. 16:100-103 '56.

Eruptive prominence of September 24, 1956 [with summary in English]. A. E. Balkovoi. Izv Krym. astrofiz obser. 18·157-161 '58

Isotropic turbulence and energy dissipation in quiescent prominences. E. E. Dubov. Izv. Krym. astrofiz. obser. 15;121-129 '55.

Investigating physical conditions in solar prominences by means of emission lines with self-absorption A. B. Severnyi. Izv. Krym. astrofiz. obser. no. 12;33-45 '54.

Kinetic temperature of gases in solar prominences [with summary in English]. V. N. Zuikov. Izv. GAO 20 no. 6. 61-65 '58.

Observation of an eruptive prominence 0.85 of the solar radius high. M. A. Kliakotko Astron tsir no. 203;2-3 Je '59.

Physical conditions in weak chromospheric flares [with summary in English]. V. A. Krat, V. M. Sobolev. Izv. GAO 21 no. 3·2-10 '58

Spectrophotometric investigation of hydrogen and helium in prominences. Part 1. (Experimental part). G. S. Ivanov-Kholodnyi. Izv. Krym. astrofiz. obser. 13·112-154 '55.

Turbulence in quiescent prominences. E. E. Dubov. Izv. Krym. astrofiz. obser. no. 12,46-55 '54.

SUN—PROMINENCES—SPECTRA

Deviation of profiles of emission lines of prominences from the Dopler profile [with summary in English] G S Ivanov-Kholodnyi Izv Krym astrofiz obser 18· 109-135 '58

Spectrophotometric investigation of hydrogen and helium in prominences. Part 2 G. S. Ivanov-Kholodnyi Izv. Krym. astrofiz. obser. 15,69-91 '55

SUNFLOWER SEED—STORAGE

Moisture content of the upper layer of sunflower seed piles in storage M I Igol'chenko Izv vys ucheb zav ; pishch tekh no 5·9-12 '59

SUNFLOWER SEED OIL

Investigating the quality of oils and the denaturation of proteins during the processing of oil-rich sunflower seeds by the system prepress expeller V. V. Beloborodov, N. A Ivanova. Masl.-zhir. prom. 26 no. 1;1-4 Ja '60.

Tocopherol content of sunflower seed oil F S Omel'chenko Masl -zhir prom 25 no 12 10-12 '59

SUNFLOWERS

(see also subdivision under Donets Basin)

For a sharp increase in the production and improvement of the oil-bearing quality of sunflower in the southeastern areas of the R S F S R N N Gil'dshtein, I A Zveriakov Masl -zhir prom 25 no 12 1-3 '59.

Measures for controlling sunflowers with hollow husks. Z. A. Putilina Sel'khoz. Povol. 5 no. 11·69-72 N '59.

Remote hybridization of various species of Helianthus. Iordanka Georgieva-Todorova Agrobiologiia no. 6 861-866 N-D '59.

SUNFLOWERS AS FEED

Using ground sunflower heads as swine feed. A P. Gorbachev, V. IA. Gorin Svinovodstvo 13 no. 12·27-28 D '59

SUNSET PHENOMENA

Errors of an article. A. D. Zamorskii. Izv. AN SSSR. Ser. geofiz. no. 5;762-763 My '60.

SUNSPOTS

Brief note on sunspots. L. Dezso. Izv. Krym. astrofiz. obser. 16;208-209 '56

Characteristics of the new cycle of solar activity No. 19 [with summary in English]. A. IA. Bezrukova. Izv GAO 20 no. 6 77-102 '58

Chromosphere above sunspots. E. R. Mustel'. Izv. Krym. astrofiz. obser. 13 96-102 '55.

Filaments directly connected with sunspots [with summary in English]. E F Shaposhnikova. Izv. Krym astrofiz. obser. 18·151-156 '58

First observations of magnetic fields of sunspots at the Crimean Astrophysical Observatory [with summary in English]. A B. Severnyi, V. E. Stepanov. Izv. Krym. astrofiz. obser. 16 3-11 '56.

Photometry of sunspots. IA. E. Mergentaler. Izv. Krym. astrofiz obser. 16;207-208 '56.

Polarities and maximum strength of magnetic fields of sunspots in 1956 [with summary in English]. V E. Stepanov, N N Petrova. Izv Krym astrofiz obser 18;66-95 '58

Relationship between flares and magnetic fields of sunspot groups [with summary in English]. V. Bumba. Izv. Krym. astrofiz. obser. 19·105-114 '58.

SUNSPOTS—SPECTRA

Theory of the formation of absorption lines in a magnetic field and the profile of the line Fe λ 6173 A in the sunspot spectrum [with summary in English]. V. E. Stepanov. Izv. Krym. astrofiz. obser. 19;20-45 '58.

SUPERCONDUCTIVITY

Critical supercooling field in the theory of superconductivity [with summary in English]. L. P. Gor'kov. Zhur. eksp. i teor. fiz. 37 no. 3·833-842 S '59.

Superconductivity of BiPt. N. N. Zhuravlev, A. A. Stepanova, N. I. Ziuzin. Zhur eksp. i teor. fiz. 37 no. 3·880-881 S '59.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPUTINKA PRESERVE—GINSENG

Cultivation of ginseng in the southern part of the Maritime Territory. Z. I. Gutnikova, P. P. Vorob'eva. Trudy Bot. inst. Ser. 6 no. 7:326-330 '59.

SURATGARH, INDIA—FARM MECHANIZATION

The desert comes to life [with English summary in insert] V. Bol'shakov. Sovr. Vost. no. 4:36 Ap '60.

SURFACE ACTIVE AGENTS

Development of the manufacture of synthetic fat substitutes, surface active agents, and cleaning compounds in the U.S.S.R. and abroad. P. V Naumenko. Khim. nauka i prom. 4 no. 5;649-654 '59.

Dispersion of fatty acids by surface active agents in flotation. I. N. Plaksin, V. I. Tiurnikova, L. A. Barskii. Dokl. AN SSSR 131 no. 6·1404-1406 Ap '60.

Effect of certain surface-active substances on the electrodeposition of compact lead from aqueous chloride solutions A V. Pomosov, A. I Levin, E. E Krymakova Izv vys ucheb zav ; tsvet. met 2 no 6·121-125 '59

Methods of increasing the surface activity of sulfonic acids and sulfonates [with summary in English]. E. A. Myshkin. Koll. zhur. 21 no. 6,673-678 N-D '59.

Physicochemical mechanism of the wetting and washing activity of surface active agents A B Taubman Khim nauka i prom. 4 no 5;566-573 '59.

Surface active agents and their use. P. A. Rebinder. Khim. nauka i prom 4 no 5·554-565 '59

Surface active agents based on ethylene oxide. K. G. Mizuch, R. A Lapina. Khim nauka i prom 4 no 5·592-598 '59.

Surface active agents in the food industry. N A. Petrov Khim. nauka i prom. 4 no. 5·617-622 '59.

Surface active agents used in the manufacture of chemicals for plant protection S. F. Bezuglyi, I. Z Gal'tianskaia, B A Aktmov. Khim nauka i prom 4 no 5·636-641 '59

Synthesis of surface active agents. A. D. Petrov, G I. Nikishin. Khim. nauka i prom 4 no 5;573-585 '59.

Use of surface active agents in the paint and varnish industry. M. A Shtern. Khim. nauka i prom 4 no 5·641-644 '59

Use of surface active agents in the preparation and processing of polymers. P. M. Khomikovskii, I. G Svatorskaia, Z G Serebriakova Khim nauka i prom 4 no 5·598·606 '59

Use of surface active agents in the production and processing of photosensitive materials S M Levi, O K Smirnov Khim. nauka i prom. 4 no. 5·629-635 '59.

Ways of increasing the production of surface active agents from shale oil V N Lapin, S S Nazarova Trudy VNIIT no 8 176-188 '59

SURFACE ACTIVE AGENTS—CONGRESSES

Second All-Union Conference on the Synthesis and Use of Surface Active Agents A. I Gershenovich Khim. nauka i prom. 4 no. 5;661-662 '59.

SURFACE CHEMISTRY

Interfacial tension in low-carbon steel at boundaries with oxidation products S I Popel', G F Konovalov Izv vys. ucheb zav ; chern met. 2 no. 8;3-7 Ag '59

Surface phenomena occurring in the system viscose - spinneret - precipitation bath. A. T. Serkov and others Khim. volok. no. 5;31-33 '59.

SURFACE HARDENING

Effect of surface hardness resulting from mechanical processing on the wear resistance of a metal in an abrasive flow. V. N. Kashcheev. Izv. vys. ucheb zav ; fiz. no. 5·58-63 '59

SURFACE TENSION

Determining surface tension at phase boundaries. I. V. Salli. Fiz. met. i metalloved. 8 no. 5;721-724 N '59.

Effect of oxygen on the surface tension of nickel and the wetting angle of aluminum oxide by nickel. V N. Eremenko, IU. V. Naidich. Izv. AN SSSR. Otd. tekh nauk. Met i topl. no. 2:53-55 Mr-Ap '60.

Effect of phosphorus and manganese on the surface tension of iron-carbon alloys. V. P. Grigor'ev and others. Izv vys ucheb. zav ; chern met no 4;55-65 '60.

Methods of testing the surface tension of cast iron. K. I. Vashchenko, A. P. Rudoi. Izv. vys. ucheb. zav. ; chern. met. 2 no. 9:133-139 S '59.

Surface tension of molten iron-manganese and iron-sulfur Van Tzin-tan, R. A. Karasev, A. M Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2,49-52 Mr-Ap '60.

Using gamma rays for determining the surface tension and angle of contact at high temperatures. D. M. Ziv, B. I. Shestakov. Zhur. prikl. khim. 32 no. 8;1767-1770 Ag '59.

SURFACES

Relationship between nonrigidity of the first and the second order for surfaces of revolution. E. G. Pozniak. Usp. mat. nauk 14 no. 6:179-184 N-D '59.

Rigidity of some combined surfaces. B. V. Boiarskii. Usp. mat. nauk 14 no. 6:141-146 N-D '59.

Uniqueness theorems for surfaces in the large. Part 7 [with summary in English]. A. D. Aleksandrov. Vest LGU 15 no. 7 5-13 '60.

SURFACES (TECHNOLOGY)

Phase composition of the surface layers of ground parts [with summary in English]. B. D. Hrozin, S. B. Nyzhnyk Dop. AN URSR no. 12,1326-1328 '59.

SURFACES (TECHNOLOGY)—STANDARDS

Standardization of allowable deviations of the shape of flat surfaces. G. L. Levin. Standartizatsiia 23 no. 11 20-24 N '59.

SURFACES, DEFORMATION OF

Example of a system of nonrigid smooth closed surfaces with two linearly independent infinitely small deformations. B. A. Bublik. Usp. mat. nauk 14 no. 6:155-156 N-D '59.

Maximum principle for infinitely small deformations of piecewise regular convex surfaces. B. V. Boiarskii, N. V. Efimov. Usp. mat. nauk 14 no. 6:147-154 N-D '59.

SURGERY
Minutes of the Pirogov Surgical Society. V I. Kotkhov Vest khir. 83 no 11 140-143 N '59
Participation of N. I Pirogov in the Demidov Competition of the Academy of Sciences in 1850 IU V Bukin Vest. khir. 83 no. 11 126-127 N '59
Spasokukotskii, S.I. [Works] Trudy. Moskva, Medgiz, 1948- 8 v.
(MnU)

SURGERY—PERIODICALS
Material from a discussion on the work of the editorial board of "Vestnik khirurgii" in 1958. G V. Golovin Vest. khir. 83 no 11.143-149 N '59

SURGERY, EXPERIMENTAL
Method of removing higher divisions of the central nervous system in mammalian fetuses. L. A. Pronin. Fiziol. zhur 45 no. 12:1497-1499 D '59.

SURGERY, PLASTIC
Case of intrathoracic prosthesis of the esophagus E. M. Borovyi. Nov khir zhur. no. 6:90-91 N-D '59
Plastic repair of skin defects of the sacral region. V. G. Vainshtein, B S. Vikhriev Nov. khir zhur no. 6:100-101 N-D '59
Problems of traumatology and reconstructive surgery in the seven-year plan. I. M. Grigorovskii. Sov. med. 23 no. 12:3-7 D '59.
Restorative surgery P Kuryshkin Nauka i zhyttia 9 no 5 18-21 My '59
Technic of preparing a capron net for alloplasty [with summary in English] A P Koveshnikov, B A Tkachenko Zdrav Tadzh 6 no 6:40-43 '59.
Tenth session of the Vishnevskii Institute of Surgery of the Academy of Medicine of the U. S. S. R. A V. Afanas'eva, Z. IA. Degtiareva. Vest. khir. 83 no. 11 135-139 N '59.

SURGERY, PLASTIC—CONGRESSES
International Congress of the Associations of Plastic Surgeons in London. N. I. Krakovskii. Sov. med. 23 no. 12: 128-131 D '59.

SURGICAL SOCIETIES see subdivision under Azerbaijan; Kiev Province; Ukraine

SURVEYING
Determining coordinates and altitudes of points in regional gravimetric surveying. G. D. Petrov. Razved. i prom. geofiz. no. 32:102-109 '59.
Lateral refraction and its effect of the precision of the measurement of horizontal angels. L F. Martynenko Trudy Inst fiz. i mat. AN BSSR no 3:244-249 '59.
Traversing with markers affixed to vertical structures. S. E Barshai. Trudy Inst. fiz. i mat. AN BSSR no. 3: 236-243 '59

SURVEYING—INSTRUMENTS
Eliseev, S. V. [Geodetic instruments and apparatus; principles of calculation and design and specific features of manufacture] Geodezicheskie instrumenty i pribory; osnovy rascheta, konstruktsii i osobennosti izgotovleniia. Izd. 2., perer. i dop. Moskva, Izd-vo geodez. lit-ry, 1959. 478 p.
Inductive pickup. I. S. Erokhin, E. M. Feklistov. Trudy MIIGAIK no. 36:15-18 '59.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)
They were raised by the Leninist party. Sov. profsoiuzy 16 no. 7:27 Ap '60.

SUSLIKS see subdivision under Chatkal Range

SUSLIKS—EXTERMINATION
Drill attachment for scattering poisoned baits against susliks V V Poplavskii. Zashch rast ot vred i bol. 4 no 3 25-26 My-Je '59.

SUSPENSIONS (CHEMISTRY)
Viscosity of suspensions. E. F. Kurgaev. Dokl. AN SSSR 132 no. 2:392-394 My '60.

SUTURES
Tantalum epineural suture. T. V. Kalinina, O. R. Bogomolova. Vop. neirokhir. 23 no. 6:41-42 N-D '59.

SVABINSKY, MAX, 1873-
Drawings by Max Svabinsky. I. Sapego. Iskusstvo 22 no. 9:48-53 '59.

SVALINO PROVINCE—COAL MINERS
Getting settled. Mast. ugl. 8 no. 3:24 Mr '59.

SVERDLOV, IAKOV MIKHAILOVICH, 1885-1919
Outstanding organizer. I. Mints. Kommunist 37 no. 8: 71-76 My '60.

SVERDLOVSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Brief news. Agitator no. 24:64 D '59.

SVERDLOVSK—FORGING
The pride of metal forgers. M. Avdevich. Prof.-tekh. obr. 16 no. 12:18 D '59.

SVERDLOVSK—HOSPITAL PHARMACIES
Work of the hospital pharmacy. V. M. Fel'dman. Zdrav. Ros Feder 3 no 12:34-35 D '59

SVERDLOVSK—METALLURGICAL PLANTS
Description of the Verkhne-Isetskii Iron Smelting and Ironworking Plant. Trudy Inst. ist. est. i tekh. 25:311-323 '59.

SVERDLOVSK—MILITARY EDUCATION
On the right path. L. Rusin. Voen znan 36 no. 4:15-16 Ap '60

SVERDLOVSK—PARACHUTING
Circle has become wide. A. Khugol'. Kryl rod. 10 no 11:17 N '59

SVERDLOVSK—ROAD CONSTRUCTION
They mastered their trades. L. I. Kalinkin. Sred. spets. obr. 6 no. 11:53 N '59.

SVERDLOVSK—TECHNOLOGICAL INNOVATIONS
Brigade of public designers M Polistuk NTO no 11 42 N '59

SVERDLOVSK—WORKSHOPS—EQUIPMENT AND SUPPLIES
Equipment of a workshop. I. Solomennikov. Prof.-tekh. obr. 16 no. 12:11 D '59.

SVERDLOVSK PROVINCE—COAL MINES AND MINING
Effectiveness of the pillar system for mining thin flat seams of the Bulanash deposit. S D. Postnov. Izv. vys ucheb zav, gor zhur. no 3:35-40 '59.

SVERDLOVSK PROVINCE—CRIME PREVENTION
We should steadfastly try to increase the role of our people in the struggle against crimes and criminal offenses. V. Petrov. Sov. iust. no. 12:60-61 D '59.

SVERDLOVSK PROVINCE—FOUNDRIES
Reorganization of foundries in the Sverdlovsk Economic Region. S M Drugalev Lit. proizv. no. 12 4-5 D '59

SVERDLOVSK PROVINCE—INDUSTRIAL HYGIENE
Giant sweep. A. I. Bykov. Zdorov'e 5 no. 12:7-8 D '59.

SVERDLOVSK PROVINCE—LIGHTWEIGHT CONCRETE
Autoclave-hardened porous concretes made with local Ural materials. M. V Levin, T A. Elykova. Trudy NIIZHB no 8:120-135 '59.

SVERDLOVSK PROVINCE—LUMBERING
Changes in the labor organization of the lumber industry V. Tatur Sots trud 4 no 11:135-138 N '59.

SVERDLOVSK PROVINCE—PLANT COMMUNITIES
"Vegetation of Sverdlovsk Province." Vol. I. by K. K. Polulakhtov Reviewed by P. L. Gorchakovskii, B. P. Kolesnikov. Bot. zhur 44 no 12:1764-1769 D '59.

SVERDLOVSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.
Help with advice and action. P. Selifanov. Obshchestv. pit. no. 10:44 O '59.

SVERDLOVSK PROVINCE—WORMS, INTESTINAL AND PARASITIC
Opisthorchiasis and diphyllobothriasis in Sverdlovsk Province [with summary in English]. L. K. Zorchaninov, E. K. Sokolova. Med. paraz. i paraz. bol. 26 no. 6:714-717 N-D '57.

SVERDLOVSK REGION—RAILROADS—SNOW PROTECTION AND REMOVAL
Krasnykh, G. B., and V. G. Koniaev. [Mechanized removal of snow at a major terminal; work practices used at the Sverdlovsk Sortirovochnyy Terminal and its track section] Mekhanizirovannaia uborka snega na krupnom uzle; iz opyta raboty uzla i distantsii puti Sverdlovsk-Sortirovochnyi. Moskva, Gos. transp. zhel-dor. izd-vo, 1957. 54 p.
[MICROFILM]

SVETLOV, MIKHAIL ARKAD'EVICH, 1903-
Companion of youth. I. Kuz'michev. Zvezda no. 1:197-199 Ja '60.

SVOBODNYY
Shul'man, N. K. [The city of Svobodnyy; concise economic-geographical study] Gorod Svobodnyi; kratkii ekonomiko-geograficheskii ocherk. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1958. 36 p. (Goroda Amurskoi oblasti)

SVYDNYTS'KYI, ANATOL', 1834-1871
Unknown date. V. IA. Herasymenko. Rad. lit. no. 6: 133-134 N-D '59.

SWALLOWING see Deglutition

SWAMPS
(see also subdivision under Lena Valley)
Role of higher plants as food for animal populations of swamps. N. N. Smirnov. Trudy Mosk. tekh. inst ryb. prom. i khoz. no. 10:75-87 '59.

SWEDEN—ARCHIVES
Swedish archive documents on the history of the U. S. S. R and Russo-Swedish relations. I. V Cherepnin, V N. Shumilov, M. I. Aleksandrova. Ist. arkh. no. 6:113-126 N-D '59

SWEDEN—FOREIGN RELATIONS—RUSSIA
Swedish archive documents on the history of the U. S. S. R. and Russo-Swedish relations. I. V. Cherepnin, V. N. Shumilov, M. I. Aleksandrova. Ist. arkh. no. 6:113-126 N-D '59.

SWEDEN—SUGAR INDUSTRY
Sugar research in Sweden S Benin Sakh prom 33 no 12 58-60 D '59.

SWEET POTATOES
(see also subdivision under Kiev)
Extending the cultivation of sweet potatoes and chayote M. M. Molodozhnikov. Trudy Bot Inst. Ser 6 no. 7: 157-159 '59

SWIETOKRZYZSKIE MOUNTAINS—IRON ORES
Old Polish Basin. Mieczyslaw Radwan. Trudy Inst. ist. est. i tekh. 25:3-43 '59.

SWIMMING
(see also subdivision under China)
Parf'onov, V. O. [Swimming] Plavannia. Kyiv. Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 375 p.

SWIMMING POOLS
Collapsible swimming pool A Kistiakovskii. Voen znan 36 no 5 38-39 My '60

SWINE
(see also subdivision under Kikun'ka District; Krasnogvardeyskoye District, Belgorod Province; Voronezh Province)
Changes in the physicochemical properties of pig fat, as related to the age of the pigs. N. Nakonechnyi Mias. ind SSSR 30 no. 2:47-48 '59
The collective farmers' promise is unbreakable. P. Z. Gvozdkov. Svinovodstvo 13 no. 12:6-8 D '59.
Effect of biogenic stimulants on the growth of suckling pigs. S. E. Toroslan. Svinovodstvo 13 no. 12:41 D '59.
The first task of the seven-year plan has been achieved. A. V. Suchugov. Svinovodstvo 13 no. 12:1-4 D '59.
Keeping suckling sows in pairs. IA. I. Vainshtein. Svinovodstvo 13 no. 12:24-26 D '59.
Let's be in the first lines among the builders of communism Z. A. Sopova. Svinovodstvo 13 no. 12 5-6 D '59.
Positive effect of biomycin preparations on young pigs. V. F. Grezin. Svinovodstvo 13 no 12:35-37 D '59.
Red'kin, A. P. [Swine breeding] Svinovodstvo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 407 p.
(DA)
Results of research on swine skins. A. Eremeev. Mias. ind. SSSR 30 no. 2:23 '59
Seminar on swine farming. I. Krugliak. Svinovodstvo 13 no. 12:42-43 D '59.
Toward the plenum of the Central Committee of the CPSU. G. N. Shamaev. Svinovodstvo 13 no. 12:8-12 D '59.

SWINE—DISEASES AND PESTS
From the practices in eliminating swine plague and erysipelas on the farm. N. M. Khrenov. Svinovodstvo 13 no. 12:38-40 D '59.

SWINE—FEEDING AND FEEDS
(see also subdivision under Yaroslavl)
Azotobacterin, a substance promoting growth and fat accumulation in swine. P. S. Popokhina Biul nauch.-tekh inform VIZH no. 1 10-12 '57
Biogenetic stimulants for swine fattening I. Berman, S Karpov, V. Cherepakha Mias. ind. SSSR 30 no. 6 30-31 '59
Digestibility of nutritive substances and nitrogen metabolism in swine raised on different rations. S. N. Khokhrin. Izv. Otd. est. nauk AN Tadzh. SSR no. 2:69-76 '59.
Effect of various feeding methods on changes in the gastrointestinal tract and its vascular system in swine. IU. P. Antypchuk. Dop. UASHN 2 no. 6:47-50 N-D '59.
Using ground sunflower heads as swine feed. A. P. Gorbachev, V. IA. Gorin. Svinovodstvo 13 no. 12:27-28 D '59.

SWINE BREEDING
(see also subdivision under Bogorodskii District, Kirov Province)
Immediate problems in swine breeding. V. G. Kozlovskii, N. P. Smirnov. Svinovodstvo 13 no. 12:29-34 D '59.
A measure of exceptional importance. Svinovodstvo 13 no. 12:13-14 D '59.
Stock breeder. M. Borisova. Sem'ia i shkola 13 no. 3: 20-22 Mr '59.
Work practices in artificial insemination of swine. A. G. Blizniuchenko. Svinovodstvo 13 no. 12 19-20 D '59.

SWINE HOUSES AND EQUIPMENT
Infrared heating installation for pigs. A. Protopopov. Tekh. v sel'khoz. 20 no. 1:30-31 Ja '60.
Production line farm. IU. Gur'ev. Tekh. mol. 27 no 12 31 '59.

SWITCHING THEORY

Pneumatic switching circuits [with summary in English]. T K. Berends, A. A. Tal'. Avtom. i telem. 20 no. 11: 1483-1495 N '59.

Punched card synthesis of sequential switching systems of multiposition relays [with summary in English]. V. I. Shestakov. Avtom. i telem 20 no. 11 1496-1506 N '59.

SWITZERLAND—DESCRIPTION AND TRAVEL

Guseva, Z. A. [Swiss sketches] Shveitsarskie zarisovki [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960 110 p

SWITZERLAND—LENIN, VLADIMIR IL'ICH, 1870-1924

Visiting places in Switzerland where Lenin lived and worked. A. Kudriavtsev. Nov. vrem. 18 no. 18:22-25 My '60.

SWITZERLAND—PAPERMAKING MACHINERY

Electric drives of supercalenders. V. I. Zil'berfarb. Bum. prom. 34 no. 12·22-23 D '59.

SYDNONE

Some derivatives of sydnonimines. V. F. Vasil'eva, V. G. IAshunskii Khim nauka i prom. 4 no 5:678-679 '59.

SYKTYVKAR—SCHOOLHOUSES—MAINTENANCE AND REPAIR

Made by students. G. N. Khromykh. Sred. spets. obr. 6 no. 11:52-53 N '59.

SYLLOGISM

Syllogism as a form of thought and the rules of syllogism. A. K. Maneev. Trudy Inst. filos. AN BSSR no. 1:87-112 '58.

SYLVITE see subdivision under Pripet Valley

SYMBIOSIS

Voluntary prisioners I Akimushkin Vokrug sveta no 1 57 Ja '60

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONY ORCHESTRAS
(see also subdivision under Ivanovo Province, Yaroslavl Province)

Music. Ogonek 38 no. 3·26-27 Ja '60.

SYNOVIAL MEMBRANES

Development and age changes of the synovial membrane of the capsule of the human knee joint. V. N Pavlova Uch. zap MGZPI 2 18-37 '59.

Morphological and functional characteristics of the lymphatics of the synovial membranes of the knee joint as related to absorption from the joint cavity V. N Pavlova Uch. zap MGZPI 2 50-53 '59.

SYNOVIAL MEMBRANES—DISEASES

Case of brucellar serohemorrhagic synovitis of the knee joint [with English summary in appendix]. A. A. Beliakov. Ortop., travm. i protez. 20 no. 11:80-81 N '59.

SYNTHETIC PRODUCTS

Chemistry brought to man. B. Rozen. Moskva 3 no. 11· 198-201 '59

In the world of new merchandise B Nazarov Sov torg 33 no 1 54-55 Ja '60

What are synthetic materials made of. O. Reutov. Otv. na vop. trud. no. 92;9-16 '58.

SYNTHETIC RUBBER see Rubber, Synthetic

SYNTHETIC TEXTILE FIBERS see Textile fibers, Synthetic

SYPHILIS

Autoinfection in rabbits infected with syphilis and irradiated with X rays. F. A. Khomich. Zdrav. Belor. 5 no. 12;32-33 D '59

SYR DAR'YA—FISHES

Material on the morphological and biological characteristics of Aspiolucius esocinus Kessl. in the headwaters of the Syr Dar'ya. V. A. Maksunov. Dokl. AN Tadzh. SSR 2 no. 4;45-49 '59.

SYRINGES

Apparatus for interstitial and intracavity injection of colloidal radiogold. A. IA. Gel'fman, V. G. Glushchenko. Vest. rent. i rad. 34 no. 2·75-76 Mr-Ap '59.

SYRINGOMYELIA

Problem of the differential diagnosis of sympathetic truncitis and syringomyelia [with summary in French]. N. I. Strelkova. Zhur. nerv. i psikh. 59 no. 12;1451-1454 '59.

SYSTEMS (CHEMISTRY)

Classifying equilibrium solubility diagrams. A. A. Sokolovskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 2 no. 6;865-870 '59.

Complex formation in the system $NiSO_4$ - $CS(NH_2)_2$ - H_2O as determined from optical density, viscosity, and surface tension data. A. IA. Deich. Zhur. prikl. khim. 32 no. 8,1866-1868 Ag '59.

Crystallization capacity of glasses of the K_2O - ZnO - P_2O_5 system. T I Veinberg Zhur prikl. khim. 32 no. 8·1685-1688 Ag '59.

Density, molar volumes, viscosity, electric conductivity, surface tension, and other properties of homogeneous fused salt systems N. K Voskresenskaia. Itogi nauki· Khim. nauki 4·160-177 '59

Dilatometric study of the systems $Pb_3(PO_4)_2$ - $BaTiO_3$ and $Ba_3(PO_4)_2$ - $PbTiO_3$ [with summary in English]. I N. Beliaev, L. I. Polezhaeva Zhur. fiz khim 33 no 12;2770-2772 D '59.

Equation for the density of ternary aqueous solutions [with summary in English] E. A Glumer Zhur. fiz khim. 33 no. 12;2674-2676 D '59

Equilibrium in fused sodium and potassium nitrates and nitrites. G. D. Sirotkin. Zhur. neorg. khim 4 no. 11· 2558-2563 N '59.

Fusibility diagram for a system consisting of sodium and potassium sulfates and bromides. R. N. Niankovskaia. Zhur. neorg. khim. 4 no. 11:2591-2595 N '59.

Fusibility diagram for ternary systems consisting of lithium, barium, sodium, and potassium fluorides. V. T. Berezhnaia, G. A. Bukhalova. Zhur. neorg. khim. 4 no. 11:2600-2605 N '59.

Fusibility diagram for ternary systems consisting of sodium and potassium acetates, thiocyanates, and thiosulfates. M. S. Golubeva, N. N. Aleshkina, A. G. Bergman. Zhur. neorg khim. 4 no. 11,2606-2610 N '59.

Fusibility in a quaternary system of sodium sulfates, chromates, molybdates, and tungstates. G. A. Bukhalova, Z. A. Mateiko. Zhur. neorg. khim. 4 no. 11:2417-2422 N '59.

Fusibility of anhydrous salt systems. N. K. Voskresenskaia Itogi nauki: Khim nauki 4;141-151 '59.

Interaction in the ternary system $CdCl_2 + 2Tl \rightleftarrows Tl_2Cl_2 + Cd$. A. P. Palkin, I. P. Paliura. Zhur. neorg. khim. 4 no. 11;2531-2535 N '59.

Investigating the solubility in the system NaF - $NaCl$ - Na_2CO_3 - H_2O at temperatures of 25° and 50°. G. A. Lopatkina. Zhur. prikl. khim. 32 no. 12·2644-2650 D '59.

Measurement of transference numbers of Na^+ and Ba^{2+} in a $Na_2O \cdot BaO \cdot 4\,SiO_2$ melt. V. I. Malkin, V. V. Pokidyshev. Zhur. neorg. khim. 4 no. 11:2645-2646 N '59.

Methods of representing multicomponent systems. F. M. Perel'man. Itogi nauki: Khim. nauki 4;283-295 '59.

Nature and linear velocity of contact melting. P. A. Savintsev and others. Izv. vys. ucheb. zav., fiz. no 5· 128-133 '59.

Phase constituents of the system CeO_2 - ZrO_2. S. F. Pal'guev, S. I. Aliamovskii, Z. S. Volchenkova, Zhur. neorg. khim. 4 no. 11;2571-2576 N '59.

Phase diagrams of ternary liquid systems containing two binary phases with low critical temperatures of solution. Part 3. E. F. Zhuravlev. Zhur. ob. khim. 30 no. 4; 1061-1069 Ap '60.

Physicochemical study of natural salts and water-salt systems of the sea water type. I. N Lepeshkov, E. E. Luk'ianova. Itogi nauki: Khim. nauki 4·62-91 '59.

Reciprocal system of lithium and sodium fluorides and pyrophosphates. V. P. Goriacheva, A. G. Bergman, A. I. Kislova. Zhur. neorg. khim. 4 no. 12;2744-2751 D '59.

Salts of organic acids. Part 2: A ternary system. I. I. Il'iasov, A. G. Bergman. Zhur. ob. khim. 30 no. 4; 1075-1078 Ap '60.

Standard binary systems for determining the effectiveness of rectification columns. I. N. Bushmakin. Zhur. prikl. khim. 32 no. 12;2638-2644 D '59.

Systems consisting of potassium sulfate, chromate, and molybdate, and of potassium sulfate, molybdate, and tungstate. Z. A. Mateiko, G. A. Bukhalova. Zhur. neorg. khim. 4 no. 11;2567-2570 N '59.

Vapor pressure polytherms of saturated solutions in the quaternary system Na_2SO_4 - $NaCl$ - $NaOH$ - H_2O. M. I. Ravich, F. E. Borovaia. Zhur. neorg. khim. 4 no. 12: 2789-2795 D '59.

Viscosity of melts of the binary systems NaF - MgF_2 and Na_3AlF_6 - $NaMgF_3$. M. M. Vetiukov, V. IA. Nikitin. Zhur. prikl. khim. 32 no. 12;2793-2796 D '59.

Water-salt systems containing carbonates, bicarbonates, chlorides, sulfates, and alkali metal hydroxides. L S Itkina, A. I. Lazareva. Itogi nauki: Khim. nauki 4;92-108 '59.

Water-salt systems including orthophosphates. E. B. Brutskus, M. L. Chepelevetskii. Itogi nauki: Khim. nauki 4;109-121 '59.

X-ray examination of the structure of strontium, lead, and barium metatantalates and of the systems $(Pb, Ba, Sr, Ca)Nb_2O_6$ and $(Pb, Sr, Ba)Nb_2O_6$. I. G Ismailzade. Kristallografiia 4 no. 5;658-662 S-O '59.

SYSTEMS (CHEMISTRY)—ELECTRICAL PROPERTIES

Electrical resistivity in binary oxide systems. V. N. Eremenko, V. E. Listovnichii. Zhur. neorg. khim. 4 no. 11: 2544-2550 N '59.

Physicochemical analysis of solutions, based on their dielectric properties. I. A. Sheka. Rab. po khim. rastv. i kompl. soed. no. 2·163-185 '59.

SYSTEMS (CHEMISTRY)—SPECTRA

X-ray examination of the system CsF - BeF_2. O. N. Breusov, IU. P. Simanov. Zhur. neorg. khim. 4 no. 11: 2582-2590 N '59.

SZCHWAN—GAS, NATURAL

In Szchwan P. P. Ivanchuk Neftianik 4 no 9 31-33 S '59

TABLE TENNIS

Stroke that beat the Japanese, technique of hitting the bal from the left in ping-pong. V. Ivanov. Sp. igry 5 no. 12·20-21 D '59.

TABLETS (MEDICINE)

Testing tablets for hardness V. I. Egorova and others. Med. prom. 13 no 12·26-29 D '59.

TABLEWARE

Quality of porcelain tableware should be improved. L Shcheglov, N. Alekseev. Obshchestv. pit. no. 12,48-4 D '59.

TAENIA

Taeniarhynchus infestation must be eradicated. K P Selivanov. Vrach delo no. 11 1193-1195 N '59

TAGANROG—COMBINES (AGRICULTURAL MACHINERY)

Man's character is molded in the collective. Sov. profsoiuzy 16 no. 7;52-54 Ap '60.

Marching in the front ranks. Sov. profsoiuzy 16 no. 7: 40-44 Ap '60.

The collective transferred to the seven-hour shift. Sov. profsoiuzy 16 no. 7;47-48 Ap '60.

The most important thing. Sov. profsoiuzy 16 no. 7;54-57 Ap '60.

The strength of communal control. Sov. profsoiuzy 16 no. 7,50-51 Ap '60.

With Lenin's name in the heart. Sov. profsoiuzy 16 no. 7· 39 Ap '60.

Zealous managers. Sov. profsoiuzy 16 no. 7;45-46 Ap '60.

TAGANROG—COMBINES (AGRICULTURAL MACHINERY)—TECHNOLOGICAL INNOVATIONS

The collective assumes new responsibilities. Sov. profsoiuzy 16 no. 7;49-50 Ap '60.

TAGANROG GULF—FISHES—FOOD

Feeding conditions of the young of commercial fishes in the eastern part of the Taganrog Gulf. E. N. Bokova Vop. ikht. no. 12;107-132 '59

TAGIL VALLEY—GREENSTONE

Stratigraphy and tectonics of the greenstone band in the lower Tagil Valley. G. F. Cherviakovskii. Trudy Gor.-geol. inst. UFAN SSSR no. 33;297-300 '59.

TAGRIN, NIKOLAI SPIRIDONOVICH

Work of a lifetime. I. Maliarova. Neva no. 11;223 '59.

TAILORING see subdivision under Moscow

TAJIK DRAMA—COLLECTIONS

Shcheglov, D., comp. [Plays by Tajik dramatists] P'esy tadzhikskikh dramaturgov. Stalinabad, Tadzhikgosizdat, 1959. 327 p.
(MH)

TAJIKISTAN—AGRICULTURE

A major change in the history of Tajik agriculture. B. A. Antonenko. Izv. Otd. obshchestv. nauk AN Tadzh. SSR no. 3;13-32 '58.

TAJIKISTAN—ALLUVIUM

Mechanical composition of the alluvium of the Tajik S. S. R. rivers. V. V. Golovin. Trudy AN Tadzh. SSR 99;35-45 '58.

TAJIKISTAN—ANTIQUITIES

Archaeological works in the Bishkent valley in 1957. A. M. Mandel'shtam. Trudy AN Tadzh. SSR 103;131-151 '59.

TAJIKISTAN—ARCHAEOLOGY—BIBLIOGRAPHY

Soviet literature on the archaeology of Tajikistan published in 1957. I. A. Belenitskaia. Trudy AN Tadzh. SSR 103,185-191 '59.

TAJIKISTAN—BOTANY

Additions to the flora of Tajikistan. G. T. Sidorenko, A. G. Fukavina. Dokl. AN Tadzh. SSR 2 no. 3:49-51 '59.

TAJIKISTAN—CALCULI, URINARY

Peculiarities of the clinical course of endemic cystolithiasis in Tajikistan. M. Z. Usmanov. Zdrav. Tadzh 6 no. 6;31 '59.

TAJIKISTAN—COCCIDIA

Length of the sporogony of oocysts of ovine Coccidia in seasonal pastures of Tajikistan. M. V. Krylov. Dokl. AN Tadzh. SSR 2 no. 3:41-43 '59.

TAJIKISTAN—COINS

Coin findings on the territory of Tajikistan registered in 1957. E. A. Davidovich. Trudy AN Tadzh. SSR 103;153-161 '59.

TAJIKISTAN—COLLECTIVE FARMS—ACCOUNTING

Accounting on collective farms in Tajikistan is improving. S. K. Kazakov. Uchet i fin. v kolkh. i sovkhoz. 17 no 2· 41-43 F '60.

TAJIKISTAN - COMMUNIST YOUTH LEAGUE
[illegible] of Tajikistan's [illegible] during the Great Patriotic War, 1941-1945. [illegible] Trudy AN Tadzh. [illegible]

TAJIKISTAN - COTTON MANUFACTURE
[illegible] the production [illegible] of Tajik [illegible] Trudy AN Tadzh. [illegible]

TAJIKISTAN - COTTON SEED OIL MILLS
Utilization of production [illegible] cotton seed oil mills [illegible] Trudy AN Tadzh. [illegible]

TAJIKISTAN - DIPHTHERIA
Decree of the Minister of Public Health of the Tajik S.S.R. of September [illegible] 6 no.6 [illegible]

TAJIKISTAN - EARTHQUAKES
Seismicity of Tajikistan in [illegible] Kalok. Trudy AN Tadzh. [illegible]
Use of different [illegible] data on small [illegible] earthquakes in Central Asia. [illegible] Trudy AN [illegible]

TAJIKISTAN - ELECTION LAW
Tajik S.S.R. Laws, statutes, etc. [illegible] to province, district, city, village [illegible] soviets of workers' deputies [illegible] Tajik S.S.R. Adopted by decree of the Presidium [illegible] Soviet of the Tajik S.S.R. [illegible] With amendments introduced [illegible] of the Presidium of the Supreme Soviet of the Tajik S.S.R. [illegible] 20, 1953 and December 18, 1956 [illegible] Presidium of the Supreme Soviet [illegible] December 21, 1954 [illegible] [illegible] Stalinabad, [illegible]

TAJIKISTAN - [illegible]
Preliminary [illegible]

TAJIKISTAN - [illegible]
[illegible]
[illegible]
[illegible]

TAJIKISTAN - EXCAVATIONS (ARCHAEOLOGY)
On the work of the Tajik [illegible] 1957. Trudy AN Tadzh. [illegible]

TAJIKISTAN - FARM PRODUCE - MARKETING
[illegible]

TAJIKISTAN - FINANCE
[illegible]

TAJIKISTAN - FISHES, FRESH WATER
[illegible]

TAJIKISTAN - FLAGELLATA
[illegible] E.A.M. [illegible]

TAJIKISTAN - [illegible]
[illegible]

TAJIKISTAN - GAS, NATURAL - GEOLOGY
[illegible] Tajik [illegible]

TAJIKISTAN - GEOLOGY
[illegible] of the Tajik [illegible]

TAJIKISTAN - GEOLOGY, STRATIGRAPHIC
[illegible]

TAJIKISTAN - GRASSES
[illegible]

TAJIKISTAN - KARAKUL SHEEP
Monetary wages on the "Moskva" Collective Farm in Tajikistan. T. V. Romanova. Ovtsevodstvo 5 no.12: 17-20 D '59.

TAJIKISTAN - LAWYERS
[illegible] the work of legal consultants. [illegible]

TAJIKISTAN - LEGUMINOSAE
[illegible] of Tajikistan. M. R. [illegible] AN Tadzh. [illegible]

TAJIKISTAN - LIZARDS
[illegible] Tajikistan. [illegible] Dokl. [illegible]

TAJIKISTAN - LOESS
[illegible] in Tajikistan. [illegible]

TAJIKISTAN - MALARIA
[illegible]

TAJIKISTAN - [illegible]
[illegible] Dokl. AN Tadzh. [illegible]

TAJIKISTAN - [illegible]
[illegible] Tajikistan. [illegible]

TAJIKISTAN - [illegible]
[illegible] of Tajikistan [illegible]

TAJIKISTAN - [illegible]
[illegible] AN Tadzh. [illegible]

TAJIKISTAN - PLANTS, ORNAMENTAL
[illegible]

TAJIKISTAN - PUBLIC HEALTH
[illegible]

TAJIKISTAN - [illegible] DISEASES AND [illegible]
[illegible]

TAJIKISTAN - [illegible]
[illegible]

TAJIKISTAN - [illegible]
[illegible] Tajikistan [illegible]

TAJIKISTAN - RUNOFF
[illegible]

TAJIKISTAN - [illegible] DISEASES AND [illegible]
[illegible] in Tajikistan. [illegible]

TAJIKISTAN - SOILS - CLASSIFICATION
[illegible]

TAJIKISTAN - [illegible]
[illegible] Tajikistan [illegible]

TAJIKISTAN - TEACHERS, TRAINING OF
[illegible]

TAJIKISTAN - [illegible]
[illegible] AN [illegible]

TAJIKISTAN - [illegible]
[illegible] in Tajikistan [illegible]

TAJIKISTAN - WORLD WAR, 1939-1945 - ECONOMIC ASPECTS
[illegible]

TAJIKSTAN VALLEY - GEOLOGY, STRUCTURAL
Mesozoic [illegible] into the slopes of ranges of the Tajik depression. S. A. Zakhrov. Trudy AN Tadzh. [illegible] 19-25 '58.

TAJIKS
(See also subdivision under China)
"Family and marriage among the Tajiks" by N. A. Kisliakov. Reviewed by [illegible] Sov.etn. no.6:[illegible] N-D '59.

TAKLAMAKAN DESERT - GEOLOGICAL SURVEYS
"If you enter you won't come out." Huang Chien. Vokrug sveta no.1:15-17 Ja '60.

TAKSA VALLEY - CONIFERAE, FOSSIL
A cone of [illegible] in [illegible] from [illegible] deposits of the [illegible] Basin. A. N. Kristofovich. Dokl. AN [illegible] 131 no.6:1147-1148 Ap '60.

TALES, [illegible]
Experimental classification of [illegible] folk tales on the basis of the Aarne-Andreev system. A. Kh. [illegible] [illegible] no.6:[illegible] '59.

TALES, WENDIC
"Lusatian folk tales" [in German]. Reviewed by K. Tschy-[illegible] Sov.etn. no.5:[illegible] S-O '59.

TALGI - MINERAL WATERS
Investigation of the therapeutic value of the water at the Talgi [illegible] [illegible] Azerb. [illegible] no.[illegible] '59.

TALLINN - AUTOMOBILE RACING
A new course. [illegible] Za rul. 17 no.11:24-25 N '59.

TALLINN - CATHEDRALS
Aleksandr Nevskii Cathedral in Tallinn. A. Kazem-Bek. Zhur. Mosk. Patr. no.5:30-32 My '60.

TALLINN - FIRE DEPARTMENTS
[illegible] Pozh.delo 5 no.[illegible]
[illegible] fire brigade serving factories. [illegible] [illegible]

TALLINN - MOTION PICTURE PROJECTION - MAINTENANCE AND REPAIR
Efficiency promoters of Tallinn. N. Kudriavtseva. Kinomekhanik no.12:38-39 D '59.

TALLINN - MOTION PICTURES - EQUIPMENT AND SUPPLIES
Efficiency promoters of Tallinn. N. Kudriavtseva. Kinomekhanik no.12:38-39 D '59.

TAMBOV PROVINCE - FARM BUILDINGS
[illegible] state farm villages of Tambov Province. [illegible] 14 no.12:[illegible] '59.

TAMBOV PROVINCE - [illegible] EQUIPMENT, ETC.
[illegible] 11 no.12:[illegible] '59.

TANANAEV, NIKOLAI ALEKSANDROVICH, 1878-1959
[illegible]

TANK CARS see subdivision under Railways

TANK VESSELS
(See also subdivision under United States)
[illegible] of a petroleum cargo pump [illegible] "Hansa" [illegible] Sudostroenie 25 no.12:[illegible] '59.

TANK VESSELS - MAINTENANCE AND REPAIR
Testing the watertightness of tanker compartments by means of compressed air. Odessa Ship Repair Yard No. 1. [illegible] Moscow. [illegible] "TSNIIMF" no.20:34 [illegible] '58.

TANK WARFARE
[illegible] Voen.znan. 36 no.5:28-29 My '60.

TANKS
[illegible] of the irregular settling of foundations on the deformation of cylindrical tanks. [illegible] Izv.vys.ucheb.zav.; stroi. i arkhit. no.[illegible] '59.
Floating lids preserve the quality of petroleum products. V. [illegible] Neftianik 5 no.10:[illegible] '59.
Introduce new designs of storage tanks. P. A. Ignatenko. Stroi.truboprov. 4 no.[illegible] '59.
[illegible] V. I. [illegible]
Reply to Comrade [illegible] V. [illegible] Neftianik 5 no.[illegible] '59.

TANKS - THERMAL PROPERTIES
"Thermal behavior of storage tanks" by V. A. [illegible] Reviewed by P. A. [illegible] Stroi.truboprov. 4 no.[illegible] '59.

TANNINS
(see also subdivision under Kazakhstan)

Express micromethod for determining tannids. K. K. TSagareli, T G Shikhashvili Vin SSSR 19 no 8·9-11 '59.

Introduction of herbaceous plants with tannin-yielding roots. F S Pervukhin. Trudy Bot inst Ser 6 no. 7 380-384 '59

TANNU-TUVA see Tuva Autonomous Province

TANTALATES

X-ray examination of the structure of strontium, lead, and barium metatantalates and of the systems (Pb, Ba, Sr, Ca)Nb_2O_6 and (Pb, Sr, Ba)Nb_2O_6 I G Ismailzade Kristallografiia 4 no 5·658-662 S-O '59

TANTALUM

Salting out a double sulfate of niobium and ammonium sulfate from sulfuric acid solutions in the presence of tantalum and titanium. IA. G. Goroshchenko, M I. Andreeva, A G Babkin. Zhur prikl. khim. 32 no 8 1664-1670 Ag '59.

Separation of tantalum and niobium by liquid extraction. V. D. Ponomarev, G. P. Giganov. Izv. AN Kazakh. SSR. Ser. met. obog. i ogneup. no. 1:3-15 '59.

TANTALUM—ANALYSIS

Separation of niobium and tantalum by the liquid extraction method [with summary in English]. D. I. Riabchikov, M. P. Volynets. Zhur anal. khim. 14 no. 6:700-704 N-D '59.

TANTALUM-NIOBIUM ALLOYS

Tantalum and tantalum-niobium alloys as corrosion-resistant materials for the chlorine industry. A. E. Romanushkina, K. K. Poliakova. Khim. prom. no. 6·535-537 S '59.

TANTALUM PHOSPHATE

Tantalum phosphate Report No. 2. A P Shtin, A K. Sharova. Izv Sib otd AN SSSR no 10 87-94 '59

TANTALUM-TELLURIUM ALLOYS

β-Phase of the system tantalum - tellurium. IU. M. Ukrainskii and others Zhur. neorg. khim 4 no. 12,2820-2823 D '59.

TAPEWORMS
(see also subdivision under Issyk-Kul'; Kaliningrad Province; Moldavia)

Defining more precisely the classification of topographic relations of sexual organs in hymenolepidids [with summary in English]. A A. Spasskii. Zool. zhur. 38 no 1·31-37 Ja '59

Effectiveness of the use of acriquine in taenia infestations. Kh. M Kasymov, S. M. Dursunova. Zdrav. Turk. 3 no 5 30-31 S-O '59

Extensive echinococcal lesions of pelvic and spinal bones [with English summary in appendix]. G. P. Kalashnikov, Z. V. Bolotina, Ortop., travm. i protez. 20 no. 11:81-82 N '59.

TAR

Column for controlling the process of rectification of tar and crude benzene. D. D. Zykov, V. V. Khlebnikova, G. V. Sobolev. Koks i khim. no. 12 36-38 '59.

Comparative characteristics of producer and tunnel tars obtained from the semicoking of Baltic oil shales, N. I. Zelenin, S. S. Semenov, Trudy VNIIPS no. 4.130-136 '55.

Composition of the 180° - 330° fractions of producer and tunnel tars of Baltic oil shales. L. I. Guliaeva, N. I. Pyshkina. Trudy VNIIPS no. 4 137-151 '55.

Hydrogenation of acid and neutral constituents of the residual producer shale tar boiling above 325° C. E. V. Glushenkova, S. S. Semenov. Trudy VNIIPS no. 4:167-174 '55.

Lowering the dust content of producer tar. A. K. Mitiurev, M. M. Barshchevskii. Trudy VNIIPS no. 4:190-198 '55.

Oxidation of tar in the foam state. F. P. Khropatyi. Neftianik 4 no. 12:14-15 D '59

Prospects for processing furnace shale tar. IU. A. Kozak, B. I. Ivanov, M. M. Vasil'eva. Trudy VNIIPS no. 4:175-189 '55.

Treatment of skin diseases with linden tar. N. Barsukov. Okh. i okh. khoz. 5 no. 11:38 N '59.

TAR ACIDS

Unusual tars. V. Gel'ts Nauka i zhyttia 8 no 10 16-18 O '58.

TARASENKOVA, NATAL'IA

About the common people ("Through the forest" by N Tarasenkova Reviewed by G Kornilova) Oktiabr' 36 no 11 222-223 N '59

TARBAGATAY RANGE—GEOLOGY

Recent data on the geology of Paleozoic formations in the Saur, Saykan, Manrak, and Eastern Tarbagatay Ranges. G. L. Bel'govskii, L. A. Ektova Dokl. AN SSSR 132 no 1·172-174 My '60.

TARGETS (MILITARY SCIENCES)

New silhouette target mount. B. Uralov. Voen. znan 36 no. 5.34 My '60.

TARPON

An ocean jumper Frank Lane. Vokrug sveta no 1 64 Ja '60

TARTARIC ACID

Double and triple copper d-tartrates arising in acid medium A V Ablov, G. A. Popovich Zhur. neorg. khim. 4 no. 12,2697-2704 D '59

TASHAUZ PROVINCE—CONJUNCTIVITIS, GRANULAR

In the Collegium of the Ministry of Public Health of the Turkmen S S R Zdrav Turk. 3 no. 5 45-47 S-O '59.

TASHKENT—AMATEUR MOTION PICTURES

In a children's film studio. IUr. Sher. Isk. kino no. 11·104 N '59.

TASHKENT—ANTIQUITIES

Ancient Nestorian (?) treasure in the City of Tashkent. I. A. Anboev Izv AN Uz SSR. Ser obshchestv. nauk no 6:39-40 '59

TASHKENT—APARTMENT HOUSES

Results of sanitary-hygienic investigation of new multistory apartment in Tashkent. S. A. Dreizin, T. F. Merzhanova, U. IA. IAkubova. Gig. i san. 24 no. 12·73-74 D '59

TASHKENT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"A teahouse of honorable elders." A. Akhmedov. Agitator no. 23·43-44 D '59

TASHKENT—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Use of plastics in repairing equipment at the Tashkent Excavator Plant. IU. M. Lomonosov, V. G. Simsonov. Mashinostroitel' no. 1·15-16 Ja '60

TASHKENT—LECTURES AND LECTURING

We train the lectures of world politics. G. Zhdanov. Agitator no 23·44 D '59.

TASHKENT—MINERAL WATERS—PHYSIOLOGICAL EFFECT

Influence of Tashkent mineral water on micturition in healthy dogs A. S. Shatalin Izv AN Uz. SSR. Ser. med. no 6 28-34 '59

TASHKENT—PECAN

Pecan as a frost resistant nut crop. V. V. Kuznetsov, A. G. Shreder. Trudy Bot. inst. Ser. 6 no. 7:169-170 '59.

TASHKENT—RAILROADS—REPAIR SHOPS

This has been done in the Tashkent shop. B G. Khalilov Elek i tepl tiaga 4 no. 1 19 Ja '60

TASHKENT—SOCIAL GROUP WORK

Our mainstay. I. Arnautov. Agitator no. 23:26-27 D '59.

TASHKENT—TELEPHONE DIRECTORIES

Tashkent. Gorodskaia telefonnaia set'. [Telephone directory (supplement) for Oktiabrskiy and Frunze Districts] Spisok abonentov (dopolnitel'nyi) po Oktiabr'skomu i Frunzenskomu raionami. Tashkent, 1958. 57 p.

[MICROFILM]

TASHKENT—TELEVISION IN EDUCATION

A "university of culture" on television. M. Miragzamov. Agitator no. 23:42-43 D '59.

TASHKENT DISTRICT—ECONOMIC CONDITIONS

Role of the Tashkent Economic District in the economy of Uzbekistan F. Mukminov. Izv AN Uz. SSR. Ser. obshchestv. nauk no 6 3-8 '59.

TASHKENT PROVINCE—MILITARY EDUCATION

Organizational work of the city committee. G. Khachoian, I Suchkov Voen. znan. 36 no. 5·21-22 My '60.

TASKIN, ALEKSEI

Thirty years in vaudeville. Evg. Min. Neva no. 10:220 '59.

TASTE

State of gustatory sensitivity in normal and pathological forms of pregnancy [with summary in English]. N. M. Suvorova. Akush. i gin. 35 no. 6:33-40 N-D '59.

TATAR A. S. S. R.—AGRICULTURE

Agriculture of Tataria is on the upswing. U. A. Biktemirov. Sel'khoz. Povol. 6 no. 11:12-15 N '59.

TATAR A. S. S. R.—BUILDING MATERIALS INDUSTRY

Proposed planning for developing bases of the construction industry in the Tatar A. S. S. R. N. L. Vovchenko. Prom. stroi. 37 no. 12:4-6 D '59.

TATAR A. S. S. R.—COOPERATIVE SOCIETIES

Let's give better satisfaction to the demands of the people. K. Il'iasov. Sov. potreb. koop 4 no. 1:15 '60.

TATAR A. S. S. R.—GASOLINE

Determination of the individual hydrocarbon composition of gasolines from Tatar petroleums. Report No. 3 Gasolines obtained from petroleums of different horizons. F. A. Urmancheev, R. I. Izmailov, B. Le. Izv. AN SSSR Otd. khim. nauk. no. 3·495-497 '60.

TATAR A. S. S. R.—GEOLOGY, STRUCTURAL

Basic features of internal structure of the Pre-Cambrian crystalline bedrock in the Tatar A. S. S. R. according to the data of gravitational and magnetic surveying. V. P. Boronin. Dokl. AN SSSR 132 no. 2:417-420 My '60

TATAR A. S. S. R.—MAGNETIC ANOMALIES

The magnetic anomaly field of the Tatar A. S. S. R. and its relation to the geological structure. V. P. Stepanov. Izv. AN SSSR. Ser. geofiz. no. 5:720-724 My '60.

TATAR A. S. S. R.—MANUFACTURES

Let's give better service to workers. A. Polianskii. Prom. koop. 13 no 12·24-25 D '59

TATAR A. S. S. R.—MUSIC

[The musical culture of Soviet Tataria; collected articles] Muzykal'naia kul'tura sovetskoi Tatarii; sbornik statei. [Moskva] Muzgiz, 1959. 244 p.

TATAR A. S. S. R.—OIL FIELDS—PRODUCTION METHODS

Activity of petroleum workers in the Tatar A S S. R Izv vys ucheb zav , neft' i gaz 2 no 11 22 '59

Mazepa, B. A. [Automation of oil production methods] Opyt avtomatizatsii dobychi nefti. Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 87 p. (Obmen peredovym tekhnicheskim opytom)

We shall fulfill the seven year plan in six years. F I Shvetsov Neftianik 4 no. 12:1-4 D '59

TATAR LANGUAGE—DIALECTS

Basic dialect in the formation of the Tatar language. L. Z. Zaliaiotdinov. Trudy Inst. lit. i iaz. AN Azerb. SSR 12 36-50 '58.

Concerning the eastern dialect of the Tatar language G. Kh. Akhatov Trudy Inst. lit. i iaz. AN Azerb. SSR 12 51-65 '58.

TATISHCHEV, VASILII NIKITICH, 1686-1750

V. N. Tatishchev. S. Shukhardin. Mast. ugl. 8 no. 2·31 F '59.

TATTOOING

Is it possible to remove tattooing? L. M. Rozental Zdorov'e 6 no 1·31 Ja '60

TAX EVASION see subdivision under Italy

TAYMYR PENINSULA—TRILOBITES

Middle and upper Ordovician and lower Silurian trilobites of the eastern Taymyr Peninsula and their stratigraphic significance. E. A. Balashova. Sbor. st. po paleont. i biostrat. no. 15:27-55 '59.

TAZHIBAEV, ABDIL'DA TAZIBAEVICH, 1909-

Necessary and genuine A Bragin Sov Kazakh 25 no 5·119-121 My '59

TBILISI see Tiflis

TEA see subdivision under Georgia

TEA—FERTILIZERS AND MANURES

Effect and aftereffect of superphosphate on tea plantations in the Lenkoran zone. R. K. Guseinov. Izv. AN Azerb SSR. Ser. biol. i sel'khoz. nauk no. 6.111-122 '59.

Green manuring and efficient fertilizer usage form the basis for increased profits from tea plantations U G. Shteiman Ud i ur 4 no 12 43-48 D '59

TEACHERS
(see also subdivision under Gorodnya; Kazan; Ukraine)

All-Russian teachers' congress. Sov. pedag. 24 no. 1:11 Ja '60.

Many follow this glorious path. A. Shcherbakova Nach shkola 27 no. 12:46-50 D '59.

Reflections on Soviet teachers. R. D. Brusnichkina. Sov. pedag. 24 no. 1:18-23 Ja '60.

Soviet teacher; toward the teachers' congress. Inostr. iaz. v shkole no. 6:10-13 N-D '59.

V. I. Lenin about teachers. Sem'ia i shkola 15 no 1 2 Ja '60.

Working with personnel under the new conditions. F. Maksimenko. Nar. obr. no. 5:9-16 My '60.

TEACHERS—SALARIES, PENSION, ETC.

Salaries of teachers, principals and heads of academic departments of the schools for working and rural youth, evening (staggered) and general correspondence schools as well as of school inspectors. Nar. obr. no. 5·8 My '60.

TEACHERS, TRAINING OF
(see also subdivision under Bulgaria; Tajikistan)

Dodon, L. L. [Collection of problems and exercises in education] Sbornik zadach i uprazhnenii po pedagogike. Izd. 2., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 113 p.

TELEMETERING (Continued)

Marovtsev, A. P., and G. I. Ravvin. [Fundamentals of remote checking and control, methods of transmitting information, coders and decoders] Osnovy teleupravleniia i telekontrolia, metody peredachi soobshchenii, shifratory i deshifratory priznakov posylok. Moskva, Gos. energ. izd-vo, 1959 751 p

Radioastronomical data from the second Soviet space rocket V V Vitkevich and others Dokl. AN SSSR 132 no. 1 85-88 My '60

TELEPHONE

(see also subdivision under Fergana)

Determination of telephone loads under concentration and seperation of telephone calls. B.S.Livshits. Elektrosviaz' 13 no.10·61-70 O '59.

The PGS-30 industrial telephone network with loudspeakers for metallurgical plants. A. I. Mirkin. Biul tekh.-ekon. inform. no. 12,28-29 '59.

TELEPHONE, AUTOMATIC

Automatic telephone stations on collective and state farms. M. Bogdarin, N. Karasik. Sel'. mekh. no. 12:38-39 '59.

Design of experimental transistorized networks for automatic telephone exchanges S N Morozov, A. I. Cherkashin Sbor. stud nauch rab. LEIS no. 1 18-23 '59.

Designing of automatic telephone exchanges of a small capacity which use transistorized devices V. V. Shtager, M A Samokish, V K Kaprov Elektrosviaz' 13 no 12: 57-66 D '59.

Liik, R. V., and E. M. Roitenberg. [ATS-54 automatic ten-step telephone exchange] Avtomaticheskaia telefonnaia stantsiia dakadno-shagovoi sistemy ATS-54. Moskva, Gos izd-vo lit-ry po voprosam sviazi i radio, 1959. 112 pl

Means for decreasing labor consumption in the servicing of automatic telephone exchanges. M. IU. Rutenburg. Vest. sviazi 19 no. 12,7-9 D '59.

[New 12-channel high-frequency telephone equipment using V-12-2 overhead communication lines] Novaia 12-kanal'naia apparatura VCH telefonirovaniia po vozdushnym liniiam sviazi tipa V-12-2. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 140 p. (Tekhnika sviazi)

TELEPHONE, AUTOMATIC—EQUIPMENT AND SUPPLIES

Schematics of noncontact control devices for crossbar telephone substations. O. N. Ivanova, Z. S. Kokhanova, V. A. Grinkevich. Elektrosviaz' 13 no.10·52-60 O '59.

TELEPHONE DIRECTORIES see subdivision under Irkutsk;Kharkov; Tashkent Province

TELESCOPE

Computer for correcting the position of a telescope for mean refraction [with summary in English]. N. N. Mikhel'son. Izv. GAO 21 no. 3,149-152 '59.

Construction and use of collimator finders. A. S. Fomin. Biul. VAGO no. 24;61-69 '59.

For the Ukrainian Astrophysical Observatory I Moroz. Ukraina no 2 16 Ja '60.

The GAISh coronagraph for outside-eclipse observations. A B Delone, E. A. Makarova, V. G. Kurt. Astron. tsir. no 203;3-4 Je '59.

Meniscus telescope for observing planets [with summary in English]. N. V. Merman. Izv. GAO 20 no. 6,144-182 '58.

Tower solar telescope of the Crimean Astrophysical Observatory of the Academy of Sciences of the U. S. S. R. A. B. Severnyi. Izv. Krym. astrofiz. obser. 15;31-53 '55.

TELESCOPE, REFLECTING

Astronomers' giant eye. Sov. Soiuz. no. 1:10 '60.

Compensation method for inspecting large aspherical mirrors [with summary in English]. M. A. Sosnina. Izv. GAO 21 no. 3,137-148 '58.

New method for investigating the shape of mirrors for large telescopes [with summary in English] D. D. Maksutov. Izv. GAO 21 no. 1:5-29 '57.

TELETSKOYE, LAKE

Golden lake. M. Kambalov. Znan. ta pratsia no. 12;11 D '59.

TELETYPE

Phase-shift compensating circuit in an electronic teletypewriter. A. N. Zeliger. Sbor. stud nauch. rab LEIS no 1· 83-87 '59

TELEVISION

Foreign patents. Elektrosviaz' 13 no. 12:75 D '59.

Magnetic palette. N Tel'nov, G Arushanov Tekh mol 27 no 12 5-6 '59

Number of image describing coordinates in pattern recognizing systems. V. S. Fain. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 2·164-172 Mr-Ap '60.

Setting up of operational areas in automatic phase control systems. IU. N. Bakaev. Izv. AN SSSR, Otd. tekh. nauk. Energ. i avtom. no. 2 132-136 Mr-Ap '60.

Television of the future. P. V. Shmakov. Izobr. i rats. no. 1 21-23 Ja '60.

TELEVISION—ANTENNAS

The highest. Grazhd av 16 no 12 19 D '59

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EQUIPMENT AND SUPPLIES see subdivision under Poland

TELEVISION—PATENTS

Foreign television patents. Tekh. kino i telev. 3 no. 11· 90 N '59.

TELEVISION—RECEIVERS AND RECEPTION

Intermediate frequency amplifiers in contemporary television receivers. I. Sidorov. Radio no. 12·34-36 D '59.

Investigating a transistor circuit for line scanning. A. S Selivanov. Tekh. kino i telev. 3 no. 11 42-44 N '59.

Transistorized television sets. A. S. Angelvo, N. G. Kol'tsov. Tekh. kino i telev. 3 no. 11 34-41 N '59.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Improvement of the PTS-52 mobile television station. A. IA. Khesin, IA. IA. Vezis, V. V. Esipov. Vest. sviazi 19 no. 12,3-5 D '59.

Television rediffusion equipment. P. E. Kodess. Tekh. kino i telev. 3 no. 11 49-55 N '59.

TELEVISION BROADCASTING

Photographs shown on the television screen! L. Evteev. Sov. foto 19 no. 11:71-73 N '59.

TELEVISION BROADCASTING OF FILMS

Telecine projection and video recording system with optical doubling of the scanning raster. A. A. Gol'din, D. A. Taranets. Tekh. kino i telev. 3 no. 11;25-33 N '59.

TELEVISION BROADCASTING OF NEWS—EQUIPMENT AND SUPPLIES

Television field equipment for news reporting. V. A. Davliantdze. Tekh. kino i telev. 3 no. 11·55-57 N '59.

TELEVISION IN ASTRONOMY

Unparalleled scientific feat. Radio no 12:3-4 D '59.

TELEVISION IN COMMUNIST EDUCATION see subdivision under Kishinev

TELEVISION IN EDUCATION

(see also subdivision under Tashkent)

Organizing television broadcasts of the curriculm of secondary schools and institutions of higher education. Tekh. kino i telev. 3 no. 11·76 N '59.

TELEVISION IN SURGERY

Color television equipment for telecasting of surgery. A. F. Buriakov, N. N. Vasil'ev. Tekh. kino i telev. 3 no. 11·45-48 N '59.

TELLURIUM

Distribution of tin, antimony, and tellurium on anionites. V. N. Rybakov, I. I. Stronskii. Zhur. neorg. khim. 4 no. 11;2449-2451 N '59.

Production of tellurium concentrate fluxes produced by the alkali refining of lead. V. S. Lovchikov, B. M. Lipshits. Izv. vys. ucheb zav ; tsvet met. 2 no 6:93-98 '59.

TELLURIUM-ANTIMONY ALLOYS see Antimony-tellurium alloys

TELLURIUM-TANTALUM ALLOYS see Tantalum-tellurium alloys

TEMGENEVO REGION—BOTANY

New plants of the Temgenevo flora and an attempt to solve the "Temgenevo problem." N. A. Prozorovskii. Nauch. dokl. vys. shkoly; biol. nauki no. 2,132-139 '60.

TEMIR DISTRICT—REVOLUTION, 1917-1921

Struggle for the Soviet government and first steps toward socialist construction in Temir District, Aktyubinsk Province. M. T. Riakhov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn no. 2·72-83 '59.

TEMPERAMENT

Changes in the morphological composition of the peripheral blood in dogs of different types of higher nervous activity as affected by long-term external irradiation with small doses of gamma rays (Co^{60}) [with summary in English]. O F. Makarchenko, M. F. Syrotina, R. S. Zlatin. Fiziol. zhur. [Ukr.] 5 no. 6;769-774 N-D '59.

Immunogenesis and types of higher nervous activity [with summary in English]. S. I. Vovk. Fiziol. zhur. [Ukr.] 5 no. 6;781-787 N-D '59.

TEMPERATURE see subdivision under Baltic Sea; Black Sea; Fedchenko Glacier; Glubokoye, Lake (Moscow Province); Glubokoye, Lake (Yakutia)

TEMPERATURE—MEASUREMENT

Electrical method for measuring recrystallization temperatures V. N Danilov. Zav lab. no. 11;1338-1341 '59.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of certain environmental factors on NH_4^+ oxidation by nitrite bacteria. Report No. 2· Effect of temperatur [with summary in English]. A. B. Lozinov, V. A. Ermachenko. Mikrobiologiia 28 no. 6:835-837 N-D '59.

Effect of temperature on spectral properties of suspensions of algae and isolate chloroplasts. T. N. Godnev, R. V. Efremova. Dokl. AN SSSR no. 6;1444-1446 Ap '6

Recent developments in studying the desirable temperatur regimen in raising young poultry. N. P. Tret'iakov, V S Krylov. Trudy NIIP 25;144-156 '58

Thermal adaptations in infusorians. Report No. 2; Chang in the heat and cold resistance of Paramecium caudatum during cultivation at low temperatures. IU. I. Polianski TSitologiia 1 no. 6:714-727 N-D '59.

TEMPERATURE REGULATORS

Investigation of DTP-1 semiconductor temperature regulators [with summary in English] IU. Davydov, V. Zakrevskaia. Khol. tekh. 36 no 6:21-24 N-D '59

TEMPERING

Effect of alloying elements on steel tempering processes A S Zav'ialov, M I Senchenko Metalloved. i term obr met no 12 2-11 D '59

TENDONS—TUMORS

Several cases of giant-cell proliferation of tendon sheaths (giant cell tenosynovioma, giant cell peritenonioma). P. V. Sipovskii Ortop., travm. i protez 20 no. 4,75-79 Ap '59.

TENNIS

The future is born today; new training techniques for tennis players. S. Belits-Geiman. Sp. igry 5 no. 12 22-24 D '59.

TEREK DELTA—IRRIGATION

Scientific conference on land reclamation in the Terek Delta. Z. I. Metel'skii. Gidr. i mel. 11 no. 12,60-61 D '59.

TEREK VALLEY—SAIGA

Migration of saiga to the Sulak-Terek Lowland [with summary in English]. I. M. Kolesnikov. Zool. zhur. 38 no 1·137-139 Ja '59.

TEREPHTHALIC ACID

Determining the molecular weight of polyethyleneterephthalate from the end groups. S. P. Matveeva, V. A. Miagkov. Khim. volok. no. 5,18-21 '59.

TERMEZ DISTRICT—PHYSICIANS

We should work where they need us. L. Khodzhaeva. Agitator no. 23:44-45 D '59.

TERMITES

Destructive insects. D. Morozov. Znan. ta pratsia no. 12:7 D '59.

TERNOPOL PROVINCE—FOLK SONGS, UKRAINIAN

New and old folk songs in Ternopol Province; collected and furnished with an introduction and footnotes by I. M. Hermakivs'kyi. Nar. tvorch. ta etn. 3 no. 3;107-111 Jl-S '59.

TERPIGOREV, ALEKSANDR MITROFANOVICH, 1873-1959

Academician A. M. Terpigorev; obituary. Bezop. truda v prom. 3 no. 12;34 D '59.

Academician A. M. Terpigorev, obituary Podzem gaz ugl. no. 4 77 '59

Academician Aleksandr Mitrofanovich Terpigorev. Ugol' Ukr. 3 no. 12·48 D '59

Reminiscences about A. M. Terpigorev. L. Sheviakov. Mast. ugl. 8 no. 12:7 D '59.

TERRAMYCIN

Effect of phosphorus on the growth and development of Actinomyces rimosus [with summary in English]. Z. M Zaitseva, G. R. Mikhailova. Mikrobiologiia 28 no. 6 863-869 N-D '59.

TERRESTRIAL ELECTRICITY

Analysis of electrotelluric disturbances for the period 1948-1956 based on diurnal records of the Dusheti Geophysical Observatory (Georgian S. S. R.) [with summary in English]. V. V Kebuladze. Trudy Inst. geofiz AN Gruz SSR 17;315-355 '58.

Microvariation station of Leningrad University and results of its work at the "Borok" Geophysical Station in the spring of 1959. B. E. Briunelli, O. M. Raspopov, B. M. IAnovskaia. Izv. AN SSSR, Ser. geofiz. no. 5; 671-679 My '60.

Study of the electric field in the earth's crust in case of reciprocally perpendicular conducting layers [with summary in French]. V. P. Gabuniia. Trudy Inst. geofiz. AN Gruz. SSR 17;291-314 '58.

TERRESTRIAL MAGNETISM see Magnetism, Terrestri

TESTING

Using betatrons for radiographic inspection of very thick workpieces A. A. Vorob'ev, V. I. Gorbunov, V. N Titov Izv. vys. ucheb. zav.; mashinostr. no. 6·195-202 '59

TESTING LABORATORIES
How should the laboratory of a [illegible] be organized? K. Gavrilova. IA. Vain [illegible] no. 15, 26 [illegible]
Increase the role of [illegible] laboratories [illegible] high at development and the [illegible] communication. [illegible]

TESTING LABORATORIES - EQUIPMENT AND SUPPLIES
New dust proportioning feeders. [illegible] D. S. Matveev, I. A. Balinov [illegible] Zav. lab. [illegible]
Vibrating [illegible] N. A. [illegible] Zav. lab. [illegible]

TESTING LABORATORIES - PERIODICALS
Order of presentation of [illegible] Zav. lab. [illegible]

TESTING MACHINES
Device attached to the extensometer [illegible] of Young's modulus. V. G. [illegible] Zav. lab. no. 11 [illegible] 1384 [illegible]
[illegible] of testing [illegible] (survey). [illegible] 1520 [illegible]
Nauchno-issledovatel'skii institut [illegible] [Weighing devices at testing machines [illegible] design] V [illegible] mashiny, [illegible] Moskva [illegible] [illegible]
Use of Mitchell's [illegible] and long [illegible] S. H. Kats. Zav. lab. [illegible]

TESTOSTERONE
Influence of testosterone [illegible] development [illegible] Vrach. delo [illegible]

TETANUS see subdivision under Medicine

TETRACYCLINE
Antagonistic effect [illegible] antibiotics [illegible] Pediatr. [illegible]

TEXTBOOKS
On [illegible] [illegible] 12 [illegible]

TEXTBOOKS - COMPETITIONS
Competition of [illegible] [illegible] [illegible]

TEXTILE FABRICS - STANDARDS
Width of [illegible]

TEXTILE FABRICS - TESTING
Effect of [illegible] [illegible] [illegible]

TEXTILE FIBERS, SYNTHETIC
(see also subdivision under [illegible])
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Improving the [illegible] made from [illegible] Abramova. [illegible] 131 137 [illegible]
Increasing the [illegible] spinning [illegible]
[illegible] A. A. [illegible]
[illegible]
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[illegible]
[illegible]
V. A. [illegible]

TEXTILE FIBERS, SYNTHETIC - TESTING
[illegible] V. A. [illegible]
Testing the strength [illegible] M. P. [illegible]

TEXTILE FINISHING
[illegible] IA. [illegible] Tekstil. prom. [illegible]

TEXTILE INDUSTRY
(see also subdivision under Baku; China; London; Tashkent; Uzbekistan)
[illegible] I. [illegible]
Vatteev, V. N. [On the initiative of Valentina Gaganova] Po [illegible] Valentiny Gaganovoi. [Leningrad] Lenizdat, 1959. 27 p.

TEXTILE INDUSTRY - FINANCE
Mezrin, G. M., and N. [illegible] [Financial organization of [illegible] based on materials of [illegible] Moskva, Gosfinizdat, [illegible]

TEXTILE INDUSTRY - HYGIENIC ASPECTS
(see also subdivision under Moscow, Odessa, [illegible])
[illegible] of the new synthetic [illegible]

TEXTILE MACHINERY
(see also subdivision under Leningrad)
[illegible] rolling machines. [illegible] no. 8 [illegible] 491 '58.
[illegible] M. A. [illegible] to 3/150 151 [illegible]
[illegible] [Equipment assembly [illegible] the primary processing [illegible] Moskva, Gos. [illegible] 1959. 259 p.
[illegible]

TEXTILE MACHINERY - ELECTRIC DRIVING
[illegible]
[illegible] A. M. [illegible] 412 '58

TEXTILE WORKERS see subdivision under Tashkent

TEXTILE WORKERS
(see also subdivision under Shanghai)
[illegible] Moscow [illegible] 1959. [illegible]

TEXTILE WORKERS - DISEASES AND HYGIENE
[illegible] S. B. [illegible]

THAELMANN, ERNST, 1886-1944
[illegible]

[illegible]
[illegible]
[illegible]

THAILAND - AGRICULTURE - ECONOMIC ASPECTS
[illegible]

THAILAND - ECONOMIC POLICY
[illegible]

THAILAND see also Siam

THALLIUM
[illegible]
[illegible]
[illegible]

THALLIUM - ANALYSIS
Present-day status of the analytical chemistry of [illegible] indium, and thallium (survey). T. V. Cherkashina, [illegible] Vladimirova. Zav. lab. no. 11 1307 1318 '59

THALLIUM CHLORIDE
Fusibility diagram for a system of cadmium, thallium and sodium chlorides. A. K. Bostandzhian, A. [illegible] Zhur. neorg. khim. 4 no. 11 [illegible] 2580 N [illegible]
Phase diagram of the TlCl - ZnCl₂ system. I. P. [illegible] A. P. Palkin. Zhur. neorg. khim. 4 no. 12 [illegible] D '59.

THALMAN, ERNST, 1886-1944
Eternal flame. Vladimir Kuznetsov. Nov. vrem. no. 10, 26 28 My '60.

THEATER
(see also subdivision under Chile; China; [illegible] Frunze, Kiev; Korea, North; Leningrad; Moscow; Peiping; Uzbekistan)
Akademiia nauk SSSR. Institut istorii iskusstv. [Creative emulation; theatrical festival on the 40th anniversary of the October Revolution] V tvorcheskom sorevnovanii; teatral'nyi festival' k sorokaletiiu Oktiabria. Moskva, Izd-vo "Iskusstvo," 1958. 201 p.
(MM)
Let's take a look at the road. Mikh. Romm. [illegible] no. 11 [illegible] N '59
[illegible] from "Malaia Bronnaia Street." [illegible] no. 1 [illegible] 170 Ja '60.
We settle debts among ourselves. [illegible] no. 1 [illegible] 181 Ja '60.

THEATER - PRODUCTION AND DIRECTION see subdivision under Moscow

THEATERS see subdivision under Moscow

THEODOLITES
Oscillation of the axis of sight in the theodolite during [illegible] O. P. Klinov, IU. V. [illegible] Trudy MI [illegible] no. 39 [illegible] '59.
[illegible] of sighting. S. V. Marfenko. Trudy MIIGAIK [illegible] '59.

THEORY OF ERRORS see Errors, Theory of

THEORY OF STRUCTURES see Structures, Theory

THERAPEUTIC SOCIETIES
(see also subdivision under Leningrad)
[illegible] of meetings of the Moscow and Leningrad [illegible] of therapeutists. [illegible]

THERAPEUTICS
[Problems of diagnosis and treatment; collection in honor of the 150th anniversary of the V. V. Kuibyshev Hospital] Voprosy diagnostiki i terapii; sbornik [illegible] 150 letiiu bol'nitsy im. V. V. Kuibysheva [Leningrad] Medgiz, 1958. 445 p.
(OSHAM)

THERMAL ANALYSIS
[illegible] in thermal analysis [illegible] Zav. lab. 25 no. 12 [illegible]
[illegible] weighing. [illegible] A. A. [illegible] Zav. lab. 25 no. 12 [illegible] '59.
[illegible] heat measurement in the process of [illegible] Trudy VNIIP [illegible]

THERMAL ANALYSIS - BIBLIOGRAPHY see Bibliography - Thermal analysis

THERMAL INSULATION see Insulation (Heat)

THERMAL STRESSES
Calculation of thermal stresses in the casing of gas [illegible] V. G. [illegible]
Determination of thermal stresses in a cylinder [with summary in English] V. I. Makhnenkov. Inzh. [illegible] 12 '59 104 D '59
Investigating temperature coefficients of the linear expansion of pendulum rods made of Invar at the "Etal[illegible] Plant. A. D. Zagainov and others. Trudy VNIIM [illegible] '59

THERMIONIC EMISSION
Thermal [illegible] emission properties of metal-like compounds [with summary in English] H. V. Samsonov, V. N. [illegible] IU. N. Paderno. Ukr. fiz. zhur. 4 no. 4 [illegible] Jl-Ag '59.

THERMISTORS
Review of I. F. Volosin, A. [illegible] and A. [illegible] "Semiconductor thermistors." [illegible] and others. Izv. vys. ucheb. zav.; [illegible] no. 1 [illegible] Ja '60.
Review of [illegible] book "[illegible] semiconductor thermistors." I. Volosin. [illegible] Ja '60.

THERMOCHEMISTRY

Thermochemistry of silicomanganese. IU. M. Gertman, P. V. Gel'd. Izv. vys. ucheb. zav.; chern. met. 2 no.9: 15-27 S '59.

THERMOCOUPLES

Continuous measurement of liquid steel temperatures in the ladle and in the furnace. P. IA. Sorokin. Metallurg 4 no.12:19-21 D '59.

THERMODYNAMICS

Bachinskii, A. I. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 374 p.

Critical velocities for the flow of He II in capillaries. B. T. Geilikman. Zhur. eksp. i teor. fiz. 37 no.3:891-893 S '59.

Experimental investigation of the thermodynamic properties of water and steam at high parameters. V. A. Kirillin, A. E. Sheindlin. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.2:41-53 Mr-Ap '60.

Stationary distribution of temperatures in a cross-section of the wall of a cylindrical pipe with an internal source of heat. V. L. Lel'chuk. Teploenergetika 7 no.1:54-56 Ja '60.

Thermal wave radiation energy from a front. E. I. Andriankin. Zhur. tekh. fiz. 29 no.11:1368-1372 N '59.

Thermodynamic foundations for the plotting of entropy diagrams of steam-gas mixtures. G. A. Mikhailovskii. Teploenergetika 7 no.1:69-74 Ja '60.

Thermodynamics of high polymers and liquid crystals. V. K. Semenchenko. Dokl. AN BSSR 3 no.11:445-448 N '59.

THERMOELECTRICITY

Noncalorimetric method of measuring the relative values of the Peltier coefficient at the boundary between a metal and other metals or semiconductors [with summary in English]. P. I. Baranskyi. Ukr. fiz. zhur. 4 no.4:472-476 Jl-Ag '59.

THERMOMETERS

Platinum thermometer for calorimetric measurements. V. N. Kostriukov. Prib. i tekh. eksp. no.6:131-133 N-D '59.

THERMOMETRY

Using alloyed indium-germanium diode as a temperature pickup. R. E. Smolianskii. Prib. i tekh. eksp. no.6:83-85 N-D '59.

THERMOPHILIC BACTERIA see Bacteria, Thermophilic

THERMOSTAT

Device for thermostatic chromatographic columns. V. T. Avgul', M. D. IUdilevich. Zav. lab. no.11:1403 '59.

New on-off thermostat with thermoelectric correction. A. I. Cherepanov. Priborostroenie no.12:19-20 D '59.

Program temperature-control device. IU. A. Alekseev. Priborostroenie no.12:18-19 D '59.

Simple low-inertia laboratory thermostat. O. V. Emel'ianenko, T. S. Lagunova. Prib. i tekh. eksp. no.6:130 N-D '59.

THIADIAZOLE SULFONAMIDE

Importance of diamox and fonurit in preparation for antiglaucomatous surgery and in the postoperative period [with summary in English]. L. G. Prutkovich. Oft. zhur. 14 no.7:401-406 '59.

THIAMINE

Effect of thiamine and biotin on the development of certain soil microbes [with summary in English]. N. V. Meshkov. Mikrobiologiia 28 no.6:894-899 N-D '59.

Treatment of acute poliomyelitis in children [in Azerbaijani with summary in Russian]. IA. K. Bulagov. Azerb. med. zhur. no.12:50-57 D '59.

THIAZOLE

Synthesis of 2-methyl-4,5-thiopheno-(4',5')-thiazole. V. G. Zhiriakov. Khim. nauka i prom. 4 no.5:680-681 '59.

THICKNESS MEASUREMENT

Measuring the thickness of thin celluloid films. I. S. Dmitriev and others. Prib. i tekh. eksp. no.6:131 N-D '59.

Measuring the thickness of thin foils. G. M. Osetinskii, M. V. Savenkova. Prib. i tekh. eksp. no.6:114-116 N-D '59.

Vernier effect in connection with the measurement of the thickness of thick layers by the interferometer method. I. N. Shkliarevskii, E. T. Verkhovtseva, G. N. Poliakova. Opt. i spektr. 7 no.4:566-568 O '59.

THIOBACILLUS

Role of the biological factor in the oxidation of sulfur compounds of the Rozdol bed [with summary in English]. G. I. Karavaiko. Mikrobiologiia 28 no.6:846-850 N-D '59.

THIOCYANATES

Electrolytic dissociation of some allylamine thiocyanates in various solvents [with summary in English]. S. S. Kiriliuk, S. P. Miskidzh'ian. Zhur. fiz. khim. 33 no.12:2786-2790 D '59.

THIOINDIGO

Cis-trans isomerism of thioindigoids [with summary in English]. G. M. Oksengendler, P. P. Gerbilov. Zhur. fiz. khim. 33 no.12:2701-2704 D '59.

Thioindigoid dyes. Part 1: Monosubstituted derivatives of thioindigo. N. S. Dokunikhin, [illegible] Zhur. ob. khim. 30 no.4:1[illegible] Ap '60.

THIOLS—THERAPEUTIC USE

Ukrainskii nauchno-issledovatel'skii sanitarno-khimicheskii institut. [Thiol compounds in medicine; proceedings of a conference at Kiev, December 18-19, 1957] Tiolovye soedineniia v meditsine; trudy nauchnoi konferentsii, Kiev, 18-19 dekabria 1957 goda. Kiev, Gos. med. izd-vo USSR, 1959. 200 p.

THIOPHENE

Mass spectrometric investigation of certain thiophene homologs. [illegible] and others. Zhur. ob. khim. 30 no.4:[illegible] Ap '60.

Reductive desulfurization of [illegible] I. I. [illegible] Dokl. AN SSSR 131 no.[illegible] Ap '60.

THIOSULFONIC ACID

Esters of thiosulfonic acids, new fungicides [illegible] Boldyrev, L. A. [illegible] N. V. [illegible] no.5:[illegible] My '60.

Synthesis and microbicidal properties of [illegible] esters of methane- and ethanethiosulfonic acids. [illegible] Dokl. AN SSSR 131 no.6:[illegible] Ap '60.

THORIUM

Abundance of thorium on the sun [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obs. 18 [illegible]-104 '58.

Effect of sulfate ions on the distribution [illegible] of thorium [illegible] phosphate. I. P. [illegible] Zhur. neorg. khim. 4 no.11:2514-[illegible]

THORIUM NITRATE

Interaction in the system $Th(NO_3)_4$ — [illegible] I. V. Tananaev [illegible] 2706-[illegible] D '59.

THORIUM SALTS

New methods for the preparation of some thorium salts. B. D. Stepin, G. M. [illegible], A. I. [illegible] Khim. nauka i prom. 4 no.5:681-682 '59.

THOUGHT AND THINKING

Conception of the [illegible] 5 no.10:[illegible]-150 [illegible]

Development of students' thinking [illegible] in secondary schools. [illegible] no.10:41-52 '59.

Interconnection of external and internal speech in the solution of mental problems [in Ukrainian with summary in Russian]. [illegible] Nauk. zap. [illegible] psykhol. 9:141-147 '58.

The nature of thought. A. [illegible] 8 no.5:14-17 My '59.

Productive thinking as [illegible] psikhol. 5 no.6:[illegible]

THREAD

Improving the sewing characteristics of sewing threads made from highly elastic synthetic yarns. M. A. Abramova. Izv. vys. ucheb. zav.; tekh. leg. prom. no.5:131-137 '59.

THREE BODIES, PROBLEM OF see Problem of three bodies

THROAT

Influence of large and rapid changes in atmospheric pressure on certain functions of the ear, nose and throat [with summary in English]. I. IA. [illegible] Vest. otorin. 21 no.6:19-24 N-D '59.

Some features of the status of the ear, nose and throat in influenza [with summary in English]. I. I. [illegible] Vest. otorin. 21 no.6:84-85 N-D '59.

THROMBOSIS

Case of complete cure of thrombosis of the central retinal vein. S. M. Vasil'ev. Oft. zhur. 14 no.6:371-372 '59.

THROMBOTROPIN

Comparative study of thrombotropin and [illegible] O. V. Andreenko. Nauch. dokl. vys. shkoly; biol. nauki no.4:87-90 '60.

THRUSHES see subdivision under Oka Terrace Preserve

THULIUM—ISOTOPES

Multipolarity of γ-transitions in Tm^{169} [with summary in English]. V. M. Kel'man and others. Zhur. eksp. i teor. fiz. 37 no.3:639-642 S '59.

THUNDERSTORMS

The chain process theory of the accumulation of electrical charges in thunderstorm clouds. V. M. [illegible] Izv. AN SSSR. Ser. geofiz. no.4:626-629 Ap '60.

[illegible]

TIDAL WAVES

Tsunamis and methods of [illegible] Izv. AN SSSR [illegible]

TIDES

Kinematic analysis of tide [illegible]

Qualitative evaluation of [illegible] currents for the [illegible] [illegible]

TIDES MAPS see subdivision under [illegible]

TIEN SHAN—ANTIMONY

Mineralogy of the [illegible] Shan) [illegible]

TIEN SHAN see subdivision under [illegible]

TIEN SHAN—BOTANY, ECONOMIC

Finds of new alkaloid plants in the Tien Shan [illegible] Gubanov. Vest. Mosk. un. [illegible] geog. 14 no. 2 [illegible]

TIEN SHAN—FRUIT

Introducing new plants [illegible] of the western [illegible]

TIEN SHAN—RADIOACTIVE [illegible]

Radioactive equilibrium [illegible] Dokl. AN [illegible]

TIEN SHAN PROVINCE—[illegible]

Changes in the thyroid gland [illegible] rodents [illegible] of the thyroid gland [illegible] province, Kirghizistan [illegible]

TIFLIS—ARCHAEOLOGY [illegible]

Results [illegible] city of Tiflis [illegible]

TIFLIS—SOIL TEMPERATURE

Soil temperature regime [illegible] AN Gruz [illegible]

TIGRIS see subdivision under [illegible]

TIGRIS RIVER

Morozov, A.P. [illegible] Tigr. [illegible] 110 p. [illegible]

TIKHONOV, [illegible]

"Northern [illegible]" [illegible] Moskva [illegible]

TIKHONOV, NIKOLAI SEMENOVICH, 1896-

[illegible] Neva [illegible]

TILLAGE

(See also subdivision under Volga Valley)

[illegible]

Cultivating [illegible]

Effectiveness of tillage [illegible]

Problems of [illegible]

Soil management [illegible] A.B. [illegible]

TIME

[illegible] Catalog [illegible] in English] [illegible]

Observations of the [illegible] service of the [illegible] mary in English] [illegible]

[illegible] with an [illegible]

Systematic errors [illegible] on photoelectric [illegible] English] G.V. [illegible]

TIME—SYSTEMS AND STANDARDS

Comparing clock [illegible] temperature gradients [illegible] standard [illegible]

TIME STUDY

[illegible] in establishing technical [illegible]

[illegible]

TIMIRIAZEV, KLIMENT ARKAD'EVICH, [illegible] 1920

[illegible]

[illegible]

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TIN

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TIN—ANALYSIS

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TIN [illegible] ALLOYS—SPECTRA

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TIN COMPOUNDS

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[illegible] see subdivision under [illegible] Altai Range

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[illegible]

[illegible]

[illegible]

TISSUE TRANSPLANTATION

Heritable modifications and increased vitality in animals resulting from parenteral introduction of blood and other tissues. P. M. Sopikov. Trudy NIIP 26:101-132 '59.

TITANITE see subdivision under Yakutia

TITANIUM

Polarographic study of titanium and niobium in pyrophosphoric acid solutions [with summary in English]. [illegible] Zhur. anal. khim. 14 no. 6:[illegible] '59.

Production of thick-walled titanium pipe blanks. V. V. Zhevtkin, A. G. [illegible], V. D. Bykov. Izv. vys. ucheb. zav.; chern. met. 2 no. 6:[illegible] '59.

Reduction of titanium dioxide in the presence of titanium. V. A. [illegible], E. M. [illegible] Zhur. neorg. khim. [illegible] no. 11:[illegible] N '59.

[illegible] out a double sulfate of niobium and ammonium sulfate from sulfuric acid solutions in the presence of tantalum and titanium. IA. G. [illegible], M. L. Andreeva, A. G. Babkin. Zhur. prikl. khim. 33 no. 8:1664-1670 Ag '60.

TITANIUM—ANALYSIS

Brief reports. Zav. lab. no. 11:1351 '59.

Photometric determination of titanium in the form of a [illegible] complex [with summary in English]. A. K. Babko, O. I. Volkova. Dop. AN URSR no. 12:[illegible] '59.

TITANIUM—ELECTROMETALLURGY

Cathodic processes in the electrolysis of fused salts containing titanium. M. V. Smirnov, L. A. [illegible] Izv. Sib. otd. AN SSSR no. 10:74-80 '59.

TITANIUM—METALLURGY

Hydrogen and nitrogen in titanium wire. N. A. Vatolin, V. P. [illegible] Trudy Inst. met. UFAN SSSR no. 3: 107-110 '59.

[illegible] alloying elements from multiphase titanium alloys. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:110-140 Mr-Ap '60.

Scientific conference on the metallurgy, chemistry and electrochemistry of titanium. S. V. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:[illegible] Mr-Ap '60.

TITANIUM ALLOYS

Effect of titanium on the properties of boron steel. IA. E. [illegible], L. I. Platakova. [illegible] no. 12:28-31 D '59.

[illegible] use [illegible] of titanium alloys in [illegible] M. M. Badelzhe, V. I. [illegible] Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 4:47-54 '60.

TITANIUM ALLOYS—ANALYSIS

[illegible] method for determining iron impurities in titanium alloys. V. V. [illegible], L. A. Kurochkin. Zav. lab. 25 no. 12:1464-1465 '59.

TITANIUM CHLORIDE

Reactions of organometallic compounds with salts of heavy metals. Report No. 1: Reaction of ethylmagnesium bromide with titanium and cobalt halides. Wang Fo sung, D. A. Dolgoplosk, B. L. Erusalimskii. Izv. AN SSSR Otd. khim. nauk. no. 3:469-473 '60.

TITANIUM DIOXIDE

Reduction of titanium dioxide in the presence of titanium. V. A. [illegible], E. M. [illegible] Zhur. neorg. khim. 4 no. 11:[illegible] N '59.

TITANIUM OXIDES

Determination of the total amount of titanium sesquioxides and dioxides in apatite concentrates. I. D. Nikitina. Zav. lab. 25 no. 12:1445-1446 '59.

TITANIUM SULFATE

Study of the system $Ti(SO_4)_2 - H_2SO_4 - NaOH - H_2O$ (at 20 and 25°) using the methods of solubility and apparent volume of the precipitate. A. I. [illegible] Izv. AN SSSR. Otd. khim. nauk. no. 4:[illegible] Ap '60.

TITANIUM SULFIDES

Sulfide inclusions in steels with titanium additions. [illegible] [illegible], V. A. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 2:42-48 Mr-Ap '60.

TLI (DZHAVA DISTRICT)—EXCAVATIONS (ARCHAEOLOGY)

Excavations of the southern Ossetian 1957 archaeological expedition in the Tli village of the Dzhava District. B. V. Tekhov. Izv. Iugo-Oset. nauch.-issl. inst. no. 9:185-225 '58.

TOBACCO—DRYING

Electric drying in mechanized tobacco-drying barns. V. K. Melkumian. [Nauch. trudy] VIESKH 5:259-270 '59.

TOBACCO—FERTILIZERS AND MANURES

Effect of new types of fertilizer on tobacco yield [In Azerbaijani with summary in Russian]. D. M. Guseinov, P. N. [illegible] Dokl. AN Azerb. SSR 15 no. 11:1045-1048 '59.

TOBOL'SK—EVENING AND CONTINUATION SCHOOLS

First Tobol'sk school.... I. Zaitsev. Nar. obr. no. 5: 113-118 My '60.

TOCOPHEROL

Effect of different processes on the tocopherol content of vegetable oils Report No. 1· N. I. Kozin, M. S. Kastornykh. Masl.-zhir. prom. 26 no. 1:5-8 Ja '60

Tocopherol content of sunflower seed oil F S Omel'chenko Masl -zhir prom 25 no 12 10-12 '59

TOLERANCE (ENGINEERING)

Tolerances for toothed racks. E.L. Glozman, M. IA. Tal'ianker Standartizatsiia 23 no.11·28 N '59.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

A study of the historical truth in A. N. Tolstoi's "Ivan the terrible," a novel in two parts. T. S. Titkina. Uch. zap. LGU no. 275:60-83 '59.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Experimental study of the character of Andrei Bolkonskii in the ninth grade; a search for objective methods M A Beliaev. Izv. APN no. 100·141-155 '59

The first Chinese correspondent of Lev Tolstoi. A. Shifman Moskva 3 no. 10·218-219 '59.

[L. N. Tolstoi's creative work; a collection of articles] Tvorchestvo L. N. Tolstogo, sbornik statei. Moskva, Goslitizdat, 1959. 557 p.
(MH)

"L. N. Tolstoi's works" by IA. Bilinkis. Reviewed by Grigorii Tamarchenko. Zvezda no. 1·218 Ja '60.

Naumova, N. N. [L. N. Tolstoi in the schools; a manual for teachers] L. N. Tolstoi v shkole; posobie dlia uchitelia. Pod red. L. A. Sokolovoi. Leningrad, Uchpedgiz, Leningr. otd-nie, 1959. 319 p.

Prianishnikov, N. E. [Lev Tolstoi's prose; certain characteristics of his literary style] Proza L'va Tolstogo; o nekotorykh osobennostiakh ego pisatel'skoi manery. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 134 p.
(NNC)

TOLUENE

Effect of aluminum on the detonation constants of trotyl A. N. Dremin, P. F. Pokhil, M. I. Arifov. Dokl. AN SSSR 131 no. 5:1140-1142 Ap '60.

TOLUENE—SPECTRA

Intensity and depolarization in the Raman spectra of polymethylbenzenes. Part 1: General theory Toluene M. A Kovner, B N Snegirev. Opt. i spektr. 7 no 4: 487-497 O '59.

TOMATOES

Obtaining high tomato yields in the greenhouse. V. I. Minashkin. Sad i og 97 no. 11 16-19 N '59.

Studies on intergeneric vegetative hybridization of tomatoes with the Bolgarskii 14 eggplant. V. K. Symonenko. Pratsi Od. un. Zbir. stud. rob. no. 5.(vol. 149) 183-185 '59.

TOMATOES—DISEASE AND PEST RESISTANCE

Methods of determining the resistance of tomato varieties and hybrids to virus diseases. N. N. D'iachenko. Agrobiologiia no. 6:912-915 N-D '59.

TOMATOES—FERTILIZERS AND MANURES

Effectiveness of granulated mineral fertilizers in tomato growing. A. IA. Kal'tia. Dop. UASHN 2 no. 6:20-22 N-D '59.

TOMATOES—VARIETIES see subdivision under Rumania

TOMI VALLEY—BRONZE AGE

Bronze Age in the lower reaches of the Tomi River V I Matiushchenko Sov arkheol no 4 154-165 '59

TOMILINO—POULTRY PLANTS

Seven-year plan of the largest poultry plant. A Samoletov, A. Karavaev. Mias ind SSSR 30 no. 6.23-25 '59.

TONSILS—DISEASES

Changes in the cytogram under the influence of ultraviolet rays in patients with chronic tonsillitis [with summary in English]. F. D. Brel'. Vest. otorin. 21 no. 6:71-74 N-D '59.

TOOL STEEL

Tungsten, chromium, and vanadium in cast, low-alloy, rapid steel. N A. Erofeev Izv vys. ucheb. zav., chern. met. no. 4.137-144 '60.

TOOL STEEL—METALLOGRAPHY

Cast high-speed steel with cobalt. V. A. Kashchuk. Izv. vys. ucheb. zav., chern. met. 2 no. 8·113:116 Ag '59.

TOPOGRAPHICAL SURVEYING

Portsanko, L F. [Rodman's instructions in topographical surveying] Pamiatka reechnika na topograficheskoi s"emke. Moskva, Izd-vo geodez. lit-ry, 1960. 87 p.

TOPOGRAPHY

Problems of differentiating minor and medium topographic features. A. G. Doskach, E. N. Ivanova, A. A Erokhina. Pochvovedenie no. 12:59-68 D '59.

TOPOGRAPHY, SUBMARINE see Submarine topography

TOPOLOGY

Cohomologies of complex homogeneous manifolds. G N. Tiurina. Dokl AN SSSR 132 no. 1 52-55 My '60.

Conjugated nets with parabolic congruences of axes V.V. Gol'dberg Dokl AN SSSR 132 no 1 24-27 My '60

Homology and cohomology groups over a pair of coefficient groups. D. O. Baladze. Dokl. AN SSSR 131 no. 6· 1234-1237 Ap '60.

Numerical functions of compact metric spaces. I. M. Dektiarev. Dokl AN Uz. SSR no. 11:6-8 '59

Stability of stationary values. A. S. Shvarts. Dokl. AN SSSR 131 no. 6 1276-1278 Ap '60.

Uniform-topological imbedding of metric spaces into Euclidean and Hilbert spaces. E. A. Gorin. Usp. mat. nauk 14 no. 5·129-134 S-O '59.

TORPEDO BOATS see subdivision under Germany, West, Norway

TORQUE—MEASUREMENT

Impulse method for measuring torque. K. V. Vasil'ev. Trudy LTA no. 83 65-73 '59.

TORRICELLI, EVANGELISTA, 1608-1647

Outstanding physicist and mathematician, on the 350th anniversary of E Torricelli's birth O Zhmudskyi Nauka i zhyttia 8 no 10 45-46 O '58

TORSION

Method for determining the elastic and plastic characteristics of wire in torsion. I B Kalachev, N I. Talakin. Zav lab no 11:1368-1370 '59.

Torsion test at low temperatures made with the K-2 machine I. S. Mel'nikov. Zav. lab. no. 11:1380-1381 '59.

TORZHOK—GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

Use of the epidiascope during economic geography lessons in schools for working youth. D. Malygin. Geog. v shkole 22 no. 6:74-78 N-D '59.

TOURISM

[Through our land; tourist sites and itineraries of the Moscow Interprovince Tour Administration of the All-Union Central Council of Trade Unions] Po rodnoi zemle; turistskie bazy i marshruty Moskovskogo mezhoblastnogo turistsko-ekskursionnogo upravleniia VTsSPS. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 154 p.

TOWERS

Local form of stability losses in reticular towers. A. M. Maslennikov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7: 25-34 '59.

TOWING

Increasing the thrust characteristics of ships. V. K. Shanchurova. Rech. transp. 18 no. 11:10-12 N '59.

Our experience in the use of link gears for tows being pushed. V. L. Pushkarev. Rech. transp. 18 no. 12· 50-51 D '59.

Rigging winch used in making up barge trains. V. A. IAkovlev. Rech. transp. 18 no. 12:48 D '59.

TOXOPLASMOSIS

Toxoplasmosis in man. M. S. Sofiev. Izv. AN Uz. SSR. Ser. med. no. 6 77-83 '59

TOY INDUSTRY

(see also subdivision under Leningrad; Ordzhonikidze)

New toys. L. Gustova. Doshk. vosp. 33 no. 1·78 Ja '60.

TOY THEATERS see subdivision under Moscow

TOYS

Flannelgraph. IA. N. Trakhtman. Doshk. vosp. 33 no. 1: 100 Ja '60.

How to decorate a New Year's tree in the kindergarten; how to make New Year's toys from cotton. K. Chernova. Doshk vykh 20 no. 12:38-39 D '59.

TOYS—EXHIBITION see subdivision under Moscow; Zagorsk

TRACE ELEMENTS

(see also subdivision under Novosibirsk Province)

Berenshtein, F. IA. [Trace elements, their biological role and significance for stockbreeding] Mikroelementy, ikh biologicheskaia rol' i znachenie dlia zhivotnovodstva. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1958. 231 p.

Cobalt, nickel, and copper content of feed. R. N. Odynets. Trudy. Inst zool. i paraz. AN Kir. SSR no. 7:311-313 '59.

Cobalt, nickel, copper, and zinc concentrations in the human thyroid gland under conditions of endemic goiter and thyrotoxicosis V M Shostka. Vestsi AN BSSR. Ser biial nav no. 4 112-114 '59.

Effect of manganese, zinc, copper, and cobalt on the pigment content of corn leaves and the anatomic structure of the leaf. I. M. Velychko, N. I. Sokolova. Pratsi Od. un. Zbir. stud. rob. no. 5.(vol. 149) 213-218 '59.

Increasing yield and the resistance of wheat to loose sm by treating seeds with trace elements before planting V. N. Greshnova. Sel'khoz. Povol. 5 no. 11:65-67 N '5

Trace elements in loess soils in White Russia. K. I Lukashev, N. N. Petukhova Dokl. AN BSSR 3 no 12 500-503 D '59

TRACHEA

Nomenclature of the bronchi and trachea [with summary in French]. A N. Voznesenskii. Probl. tub 37 no. 7: 29-36 '59.

TRACHEA—INNERVATION

On innervation of the trachea in human fetuses [with summary in English] I. I. Gutner. Vest. otorin. 21 no. 6 86-88 N-D '59.

TRACHEA—SURGERY

Late decannulation of the tracheotomized patient A. Dzhumabaev. Zdrav. Turk. 3 no. 5·40 S-O '59.

TRACHEA—TUMORS

Influence of one-sided vagotomy on the growth of a tumor developing during a changing concentration of thyroid hormone in the animal's body [with summary in English M. I Turnavskaia Vrach delo no 11 1141-1143 N '59

TRACHELANTHAMIDINE

Synthesis of l-oxymethylpyrrolysidine (d, l-trachelanthamidine). N. K Kochetkov, A M. Likhosherstov, E. I Budovskii. Khim. nauka i prom. 4 no 5:678 '59

TRACK ATHLETICS

Inertia. A. Simonenko. Zhizn' glukh. 12 no. 11:18 N '59.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut fizicheskoi kul'tury. [Sports in foreign countries; track athletics, collected materials] Sport za rubezhom; legkaia atletika. Sbornik materialov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 208 p.

TRACTOR INDUSTRY

(see also subdivision under Kharkov; Vladimir Province)

Tractor and agricultural machinery industry's achievements in 1959 and tasks assigned for 1960 Trakt i sel'khozmash no. 1, 1-2 Ja '60.

TRACTOR INDUSTRY—COSTS see subdivision under Kharkov

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Mechanization of the manufacture of tractor parts. M. I. Dytynenko, V. D. Kurochkin. Mashinostroitel' no. 1: 2-3 Ja '60.

TRACTORS

(see also subdivision under Perelyub District)

About some obsolete indices. E. Diviatisil'nyi Tekh v sel'khoz. 20 no. 1 28-29 Ja '60.

Accounting for the work of a tractor station and calculating the wages of its workers. E. M. Mirochnik. Uchet i fin. v kolkhoz. i sovkhoz. 16 no. 11·51-52 N '59.

Automatic control of tractors. S. Gel'fenbein. Tekh. v sel'khoz. 20 no. 1:25-27 Ja '60.

The DT-54M and MTZ-D-50 high-speed tractors. E. Kog Ekon. sel'khoz. 31 no. 1:77-80 Ja '60.

Introducing technically based production standards for tractors. G. Kalpin. Ekon. sel'khoz. 30 no. 8·60-63 D '59.

Maneuverability of wheeled tractor and agricultural machinery units. S. A. Iofinov, V L Berezovskii Trakt i sel'khozmash no. 1· 8-12 Ja '60.

Methods for the automatic driving of tractors and tractor-driven machinery. S A Bogdanov, L F. Zaikov Trakt i sel'khozmash. no. 1·3-5 Ja '60

Methods of assinging work norms for tractors and our experience in introducing theses methods. Kh. G. Baram. Mekh. i elek. sots. sel'khoz. 17 no. 6:27-31 '59.

A new edition of the textbook "Utilization of machinery and tractors" by B. S. Svirshchevskii. Reviewed by G. V. Vedeniapin. Mekh. i elek. sots. sel'khoz. 17 no. 6:60-61 '59.

Power balance of a wheeled tractor and the determination of its component parts. S. A. Bludau. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 4:77-88 '59.

Right selection of types for Soviet tractors. A I Sergeev Trakt. i sel'khozmash no. 1 47-48 Ja '60

Tandem tractor. IUn. tekh. 4 no. 12:42 D '59.

Tractors go everywhere. S. Stepalov. IUn. tekh. 4 no. 11:48-50 N '59.

TRACTORS—COLD WEATHER OPERATION

Operation of tractors in winter. A. Morshin. Sel'. mekh. no. 12:33-34 '59.

TRACTORS—DESIGN AND CONSTRUCTION

Theoretical bases for the selection of essential parameters of high-speed tractors. P. I. Andrusenko. Nauch. trudy Inst. mash. i sel'khoz. mekh. AN URSR 6:139-154 '58.

TRACTORS—ELECTRIC DRIVING
How static [illegible] productivity of [illegible] [Nauch. trudy] [illegible]
Investigating direct [illegible] [Nauch. trudy] [illegible]
Performance of the [illegible] continuous [illegible] [illegible]
Single phase electric [illegible] trudy] [illegible]

TRACTORS—ELECTRIC EQUIPMENT
Investigation of the [illegible] T-250 tractor [illegible]

TRACTORS—ENGINES
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TRACTORS—ENGINES—[illegible]
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TRACTORS—EQUIPMENT AND SUPPLIES [illegible]

TRACTORS—FUEL SYSTEM
Kolain, K. A. [illegible] tractors [illegible]

TRACTORS—[illegible]
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TRACTORS—HYDRAULIC EQUIPMENT AND SUPPLIES
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TRADE UNIONS
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[illegible]

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[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

TRANS-ILI ALA TAU—GEOLOGY, STRATIGRA[illegible]
Stratigraphic division of Quaternary sediments [illegible] Ala Tau. M. I. Lomonovich. [illegible]

TRANS-ILI ALA TAU—GLACIERS
New data on the movement and [illegible] of the Central [illegible] glacier. [illegible] trudy [illegible] AN [illegible]

TRANSBAIKALIA—GEOLOGY
Basic problems relative to the geology of southern Transbaikalia. A. P. Moiseenko. [illegible]

TRANSBAIKALIA—GEOLOGY, STRATIGRAPHIC
New data on the Jurassic stratigraphy of eastern [illegible] V. N. Kotlyarenko, A. P. Moiseenko. [illegible]

TRANSBAIKALIA—PINE
[illegible] development of Siberian pine stands [illegible]

TRANSCARPATHIA—DESCRIPTION AND TRAVEL
[illegible]

TRANSCARPATHIA—FOLK SONGS, UKRAINIAN
How Transcarpathian folk songs describe the [illegible] and exploitation of workers. P. K. [illegible]
[illegible]

TRANSCARPATHIA—MINES AND MINERAL RESOURCES
[illegible]

TRANSCARPATHIA—OSTRACODA, FOSSIL
Pliocene stratigraphy of Transcarpathia, based on study of Ostracoda. [illegible]

TRANSCARPATHIA—RIVERS
[illegible]

TRANSCARPATHIA—VOLCANIC ASH, TUFF, ET[illegible]
[illegible] of the Transcarpathian [illegible] [with summary in English] [illegible]

TRANSCAUCASIA—AGRICULTURE
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TRANSCAUCASIA—AIRSPEED VARIABILITY
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[illegible]

TRANSCAUCASIA—ATMOSPHERIC TURBULENCE
[illegible]

TRANSCAUCASIA—CARBONATES
[illegible]

TRANSCAUCASIA—CORN (MAIZE)
[illegible]

TRANSCAUCASIA—FOREST MANAGEMENT
[illegible] [with summaries in English [illegible]] [illegible]

TRANSCAUCASIA—FROST
[illegible]

TRANSCAUCASIA—GAS, NATURAL—PIPELINES
[illegible]

TRANSCAUCASIA—HYDROELECTRIC POWER STA[illegible]
[illegible] irrigation [illegible] [Sa. [illegible] trudy] [illegible]

TRANSCAUCASIA—[illegible] (PLANTS)
[illegible] Trudy [illegible]

TRANSCAUCASIA—JET STREAM
Distribution of jet streams in the atmosphere over the territory of Transcaucasia. K.I.Papinashvili. Trudy Tbil.NIGMI no.4:3-17 '59.

TRANSCAUCASIA—MAGNETIC ANOMALIES
Anomalies of the vertical component of the magnetic field intensity in Transcaucasia. M.L.Chelishvili. Trudy Inst.geofiz.AN Gruz.SSR 17:81-92 '59.

TRANSCAUCASIA—STORMS
Method of forecasting storms in the mountains of Transcaucasia. S.B.Gunia. Trudy Tbil.NIGMI no.4:48-17 '59.

TRANSCAUCASIA—VALLEYS
Relict valley on the Yagludzha upland (eastern Transcaucasia), its genesis, age, and paleogeography. I.I. Maruashvili. Biul.Kom.chetv.per. no.23:83-85 '59.

TRANSFORMERS, ELECTRIC see Electric transformers

TRANSIENTS (ELECTRICITY)
Calculation of transient processes in transmission lines by placing an input resistance in the power section. I.P. Vereshchagin. Izv.vys.ucheb.zav.; energ. 2 no.11: 26-35 N '59.
Duration of transients in circuits with three-phase rectifier bridges. V.D.Krochakevich. Elektrichestvo no.12:61-63 D '59.
Effect of switching surges on arresters having a reduced breakdown voltage. D.V.Shishman. Elektrichestvo no.12:64-69 D '59.
Equations of transient processes in static elements of the net transferred to the rotating system of coordinates. S.V.Strakhov. Trudy MEI no.37:88-104 '59.
Transient processes in electric power systems as a problem in the general theory of oscillations. N.A. Kartvelishvili. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.2:13-19 Mr-Ap '60.
Transients in d.c. control circuits fed from transistors. G.M.Kasprzhak, I.L.Orkina. Elektrichestvo no.12: 55-61 D '59.

TRANSISTOR AMPLIFIERS
Comparison of frequency characteristics of cascaded common emitter and common cathode low-frequency amplifiers. V.P.Rachmanov. Trudy MAI no.103:5-10 '59.
Controlled RC-generators using transistors. A.A.Lukin. Trudy MEI no.37:326-330 '59.
Method of raising the stability of resonant transistor amplifiers. Iu.L.Simonov. Radiotekh.i elektron. 5 no.5:811-817 My '60.
N-p-n type triodes in receiver and amplifier devices. V.Sosnov. Radio no.12:30 D '59.
Sparkproof amplifier for the TUP-2 centralized control. M.A.Rol'nik, L.I.Rappoport. Ugol' 34 no.12:25-26 D '59.

TRANSISTOR CIRCUITS
Determination of the stability of transistor and electron-tube circuits by means of the real component of the pole immittance. A.A.Kulikovskii. Elektrosviaz' 13 no.12: 43-51 D '59.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTOR RADIOS
N-p-n type triodes in receiver and amplifier devices. V.Sosnov. Radio no.12:30 D '59.

TRANSISTORS
Device for the visual observation of transistor characteristics. B.F.Zlatavskii. Sbor.stud.nauch.rab.LETI no.1:61-64 '59.
Inverse collector current in a junction transistor. P.A. Popov. Radiotekh.i elektron. 5 no.5:806-810 My '60.
Investigating a transistor circuit for line scanning. A.S. Selivanov. Tekh.kino i telev. 3 no.11:42-44 N '59.
Investigation of a junction transistor blocking oscillator. V.D.Ivanov. Sbor.stud.nauch.rab.LETI no.1:24-31 '59.
Low-frequency varicond. I.S.Berman, A.P.Landsman, V.K.Subashiev. Radiotekhnika 14 no.12:69-70 D '59.
Studying the p-n junction at large current densities. Iu.K. Barsukov. Fiz.tver.tela 1 no.11:1659-1667 N '59.
Temperature stability and the permissible limit of power dissipation and voltage on the collector of a transistor. B.S.Sotskov. Avtom.i telem. 20 no.11:1525-1527 N '59.
Transient and frequency-phase characteristics of the current transmission coefficient of a drift transistor. T.M.Agakhanian. Radiotekhnika 14 no.12:36-43 D '59.
Transistorized television sets. A.S.Angelov, N.G.Kol'tsov. Tekh.kino i telev. 3 no.11:34-41 N '59.
Using semiconductor devices in electronic calculating machines. V.V.Valiavko. Trudy Inst.fiz.i mat. AN BSSR no.3:85-99 '59.

TRANSISTORS—STANDARDS
Standardization of semiconductor devices. A.Iu.Kleiman. Standartizatsiia 23 no.11:14-15 N '59.

TRANSIT CIRCLE
Pulkovo. Glavnaia astronomicheskaia observatoriia. [New instruments and methods in the meridian astrometry, reports made at the meeting of the Commission No.8 (Positional Astronomical Union in Moscow in August 1958 ("discussion on instruments")] Novye instrumenty i metody v meridiannoi astrometrii, doklady, prochitannye na zasedanii Komissii no.8 (pozitsionnoi astronomii) vo vremia X s"ezda Mezhdunarodnogo astronomicheskogo soiuza v Moskve v avguste 1958 goda ("Instrumental'naia diskussiia"). Moskva, Izd-vo Akad.nauk SSSR, 1959. 97 p. [Parallel texts in Russian and Georgian.]
Starting systematic observations on the horizontal meridian instrument [with summary in English]. I.A.Sukharev, G.M.Timoshkova. Izv.GAO 21 no.2:120-131 '58.

TRANSIT CIRCLE—TESTING
Investigating the Repsold meridian circle in Nikolayev [with summary in English]. I.I.Bozhko. Izv.GAO 21 no.2:170-203 '58.

TRANSIT INSTRUMENTS
Catalog of right ascensions of 203 stars derived from observations on a new photoelectric transit instrument in 1955-1956 [with summary in English]. P.M.Afanas'eva. Izv.GAO 21 no.1:4-81 '58.
Systematic errors with a diurnal period in observations on photoelectric transit instruments [with summary in English]. G.V.Skuratova. Izv.GAO 21 no.2:1-31 '58.

TRANSIT INSTRUMENTS—TESTING
Investigating pins of transit instruments of the Tashkent Astronomical Observatory. V.I.Bede. Trudy Tashk. astron.obser. Ser.2, 4:113-120 '54.

TRANSPORTATION
(see also subdivision under Magadan Province, Yakutia)

Aksenov, I.IA. [Automatic control in transportation] Kibernetika na transporte. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.4, Nauka i tekhnika, no.8)
Lur'e's method of differential rates for the most economical transportation plan. A.L.Brudno. Dokl.AN SSSR 131 no.6:1240-1241 Ap '60.
Mixed automotive and railroad transportation abroad. Iu.P.Koroliov, L.IA.Martsynovskii. Biul.tekh.-ekon. inform. no.11:91-96 '59.

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Kokchetav)
Effective use of automotive transportation in communications. L.IA.Dobychina, A.I.Vasil'eva. Vest.sviazi 19 no.12:30-31 D '59.
Moscow. Avtomobil'no-dorozhnyi institut. [Technical and economic questions in the use of rolling stock in automotive transportation] Tekhniko-ekonomicheskie voprosy ispol'zovaniia podvizhnogo sostava avtomobil'nogo transporta. Moskva, Nauchno-tekhnicheskoe izd-vo avtotransp.lit-ry, 1958. 126 p. (DBC)
Provide large construction projects with well operating automotive transportation. A.Apanasov, I.Rappoport. Nar.khoz.Kazakh. no.11:51-54 N '59.
Time of transportation in the criterion of highway construction. I.A.Romanenko. Izv.vys.ucheb.zav.; stroi. i arkhit. no.7:75-79 '59.
Using automotive transportation in the open-pit mining of various deposits to be used in cement raw materials. S.I.Sokolovskii. Tsement 25 no.6:22-25 N-D '59.

TRANQUILIZING DRUGS
Organization of supporting therapy with neuroleptic drugs according to data of the Gannushkin Hospital [with summary in French]. N.N.Zak. Zhur.nevr.i psikh. 59 no.12:1491-1498 '59.

TRAVELERS
Why we came to Moscow. Vl.Ishimov, K.Nikolaev. Moskva 3 no.9:205-215 '59.

TRAVELING-WAVE TUBES
Ribbon shaped electron beam in a periodic magnetic field with an arbitrary degree of cathode shielding. I.V. Alianovskii. Radiotekh.i elektron. 5 no.5:822-833 My '60.

TRAVERSES (SURVEYING)
Errors committed in senior instructor F.P.Maslitskii's article. M.A.Girshberg. Trudy MIIGAiK no.32:41-46 '58.

TRAWLS AND TRAWLING
(see also subdivision under Great Britain)
Device for fishing with a stern trawl (from "La Revue Nautique," no.6, 1959). Sudostroenie 25 no.11:65 N '59.

TRAWLS AND TRAWLING—CONGRESSES
All-Union technical conference on the expansion of the fishing fleet in 1959-1965. M.N.Diomidov, E.V.Kamenskii. Sudostroenie 25 no.12:70-71 D '59.

TREATIES
Russia (1923- U.S.S.R.) Treaties, etc. [illegible]
no.17 [illegible] 1960. [illegible]

TREE BREEDING
[illegible]

TREE FELLING BY [illegible]
Sokolova, E.A., and [illegible] [illegible] 1954. 77 p.

TREE PLANTING see [illegible]

TREE RINGS
[illegible]

TREE TAPPING
[Manual for classification [illegible]] [illegible]

TREES
(see also subdivision under [illegible] Kazakhstan, Kola Peninsula, [illegible] Far East, Tajikistan, [illegible] Valley)
[illegible]

TREES—DISEASES AND PESTS
[illegible]

TREES—WOUNDS AND INJURIES
Injuries to the growing [illegible] Trudy Kar.fil.AN SSSR [illegible]

TREES, FOSSIL see subdivision under [illegible] region, Kura Valley

TREMATODA see subdivision under [illegible]

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Germany, West, [illegible]

TRIANGULATION
[illegible] Trudy MIIGAiK [illegible]
[illegible] Trudy MIIGAiK [illegible]

TRIAZINE
[illegible]

TRIAZINE [illegible]

Absorption spectra of crystals of [illegible] dyes. N.M. [illegible] 400-401 O '59.

Optical investigation of the molecular [illegible] azine derivatives. Part [illegible] of rosy and [illegible] Bodnov, A.I. [illegible] 400 O '59.

TRICHINA AND TRICHINOSIS

(see also subdivision [illegible])

Detection of trichinae [illegible] intestinal tract [illegible] no.6:35 '59.

TRICHOCEPHALIASIS

Dehelminthization in [illegible] V. Molodkov [illegible]

TRICHOMONIASIS

[illegible]

TRIDYMITE

Role of the [illegible] 4:24 [illegible]

TRIGONOMETRICAL FUNCTIONS

Tables of natural values [illegible] 256 [illegible]

TRILOBITES

(see also subdivision [illegible] Valley [illegible] Mountains, [illegible])

Orlov, Iu. A., ed. [illegible] manual for pale[illegible] in 15 volumes [illegible] paleontology [illegible] Moskva, [illegible] okhrane nedr,

[Vol.8] [illegible] (Arthropoda [illegible]) [illegible]

TRIODES

Discussing [illegible] Zgol, O.IA. [illegible] D '59

TRIPOLYPHOSPHATE [illegible]

TRITIUM OXIDE

Vapor pressure [illegible] Atom energ. [illegible]

TROITSK MONUMENT [illegible]

[illegible]

TROITSK [illegible]

[illegible]

TROLLEY BUSES

Conductors [illegible]

TROPICAL PLANTS

[illegible] Agri[illegible] Vest [illegible]

TROPHOSPHERE [illegible]

[illegible] Ap '59.

TROPYLIUM COMPOUNDS

[illegible]

TROUT

(see also subdivision [illegible] Poland, [illegible])

Material on the growth of young [illegible] Lake Issyk Kul' [illegible] paras AN Kir SSR [illegible]

TRUSH, IVAN [illegible]

Ivan Trush [illegible] no.24 [illegible]

TRUSKAVETS REGION - WATER, [illegible]

Studying the hydro[illegible] of the Truskavets [illegible] H.O. Bulova [illegible] '59

TRUTH

[illegible] nature of truth. [illegible]

TRUTHFULNESS AND FALSEHOOD

[illegible]

TSERTELEV, MYKOLA ANDRIIOVYCH, 1790-1869

M.A. Tsertelev, the first [illegible] and student of Ukrainian folklore [illegible] '59.

TSIMLYANSK HYDROELECTRIC POWER STATION

[illegible] '59.

TSKHALTUBO, GEORGIA - MINERAL WATERS

[illegible] spring [illegible]

TSVET, [illegible] 1872

[illegible]

[illegible]

[illegible] of pulmonary tuberculosis [with summary in English]. [illegible]

[illegible] Kolesnik, [illegible]

[illegible] treatment of pulmonary tuberculosis patients with [illegible], and [illegible] (with summary in English). V.V. Il'in. Sov. med. 23 no.12 [illegible] '59

[illegible] Pulmonary tuberculosis; prevention, treatment and care. Practical manual for nurses in [illegible] Tuberkulez legkikh, profilak[illegible] Prakticheskoe posobie dlia [illegible] Moskva [illegible] 1959. 104 p.

(MIRA)

Primary muscle plastic surgery in the opera[illegible] cavernotomy [with summary in French] Probl. tub. 37 no.7:55-57 '59.

Rabukhin, A.E. [Epidemiology and pathoge[illegible] pulmonary tuberculosis] Epidemiologiia i p[illegible] legochnogo tuberkuleza. Moskva, Izd-vo A[illegible] nauk SSSR, 1959. 230 p.

(MIRA)

Role of chest injury in pulmonary tuberculosi[illegible]

Study of serum glycoproteids (hexoses) in pulm[illegible] culosis [with summary in English] [illegible] '59.

Surgical treatment of tuberculosis in patients [illegible] tuberculous meningitis [illegible] [with summary in French] A.N. [illegible] Probl. tub. 37 no.7:51-55 [illegible]

Treatment of [illegible] N. [illegible]

Use of [illegible] operative [illegible] with pulmonary tuberculosis [with summary [illegible] Vest. khir. 83 no.11:32 [illegible]

Use of the adrenocorticotropic hormone in [illegible] tuberculous pleurisies [with summary in [illegible] Probl. tub. 37 no.7:47-49 '59.

Use of transverse tomography in pulmonary tu[illegible] [with summary in English] [illegible] '59.

TUBERCULOSIS - DIAGNOSIS

Use of fluorescence microscope for the [illegible] tuberculosis [with summary in [illegible] S.M. [illegible] no.4:14 [illegible] '59.

TUBERCULOSIS - PREVENTION see subdivision Vilnyy District

TUBERCULOSIS IN POULTRY

[illegible] for tuberculosis control [illegible]

[illegible] P.I., and V.I. [illegible] [Tubercul[illegible]] [illegible] 1959. 111 p.

(MIRA)

TUGBOATS

[illegible] determination of towing [illegible] early stages of [illegible] A.N. Muratov, [illegible]

New [illegible] fleet planned [illegible]

TULA - BOOTS AND SHOES, FELT

[illegible] the appeal of the [illegible] V. [illegible] no.12 [illegible] '59.

TULA - METALLURGICAL PLANTS

[illegible] of the Tula [illegible] first in [illegible] blast furnace plants [illegible] 214 '59.

TULA PROVINCE - DAMS

[illegible] earth dams under winter conditio[illegible] no.12 [illegible]

TULA PROVINCE - FINANCE

Improving financial planning in regional [illegible] V. Kotov. Fin. SSSR 21 no.4:81 [illegible] Ap

TULA PROVINCE - FOREST ECOLOGY

Some features of the "Tula abatis" oak wo[illegible] [illegible] '59.

TULA PROVINCE - FORESTS AND FORESTRY

[illegible] of the Tula Forest Working Circle, [illegible] Les khoz. 12 no.12:62-64 D '59.

TULA PROVINCE - KINDERGARTENS

Kindergarten and school [illegible] of the [illegible] Doshk. vosp. 32 no.1:81 [illegible]

TULAK, IVAN VASIL'EVICH

Mashkov, N.G. [Ivan Tulak, an historical narr[illegible]] Ivan Tulak, istoricheskoe povestvovanie, Stali[illegible] Stalingradskoe knizhnoe izd-vo, 1958. 88 p.

(MIRA)

TUMORS

[illegible] investigation of [illegible] blastoma in rats. [illegible] no.3:447-450 My '59.

"Purine metabolism in tissues of healthy and [illegible] animals" by V.P. Korotkevichsha [illegible] [illegible]

Roentgenological diagnosis of deep lipomas of th[illegible] [with summary in English] I.I. [illegible] Vest.rent.i rad. 34 no.2:22-25 Mr-Ap '59.

Surgical treatment of tumors and cysts of the m[illegible] V.N. Gol'dberg. Nov. khir. arkh. no.6:39-45 [illegible]

TUNGSTEN

Formation of negatively charged hydrogen ions on the surface of incandescent tungsten [with summary in English]. V.I.Khvostenko, V.M.Dukel'skii. Zhur. eksp.i teor fiz. 37 no.3:651-653 S '59.

Investigating the kinetics of high temperature oxidation of tungsten in habitual and deformed states. V.A. Lavrenko, I.N.Frantsevich. Vop.por.met.i prochn. mat. no.6 42-52 '58.

Work function of thin films of BaO on tungsten. A.R. Shul'man, T.S.Kirsanova, V.K.Pavlov Radiotekh. i elektron. 5 no.5 840-848 My '60

TUNGSTEN—CORROSION

Scale formation on tungsten under atmospheric high temperatures. Report No.1 M.A.IAtsuk, V.IA.Solomko. Trudy LTA no.87:5-12 '59.

TUNGSTEN SULFIDE

Physical and chemical properties of WS_2 catalysts. Report No.5 Catalytic activity of an unmixed WS_2 catalyst in the reaction of hydrogenation of phenol. S.M.Samoilov, A.M Rubinshtein. Izv. AN SSSR Otd. khim. nauk. no.3:427-434 '60.

TUNGUSES see subdivision under Evenki National Area

TUNGUSKA BASIN—WEATHER FORECASTING

Taiga meteorology. I. Zotkin Vokrug sveta no 1 55 Ja '60.

TUNNELING

Calculating the strain of forcing shields and pipes into the ground. V.P.Samoilov. Osn., fund.i mekh.grun. no.6:6-9 '59.

TUNNELS

Agryzkov, N.A. [Injecting grouting into the gap behind the lining of hydraulic engineering tunnels] Nagnetanie za obdelku gidrotekhnicheskikh tunnelei. Moskva, Gos. energ. izd-vo, 1960. 45 p.

Anchor bolting of tunnels and mines A P Shirokov Put' i put khoz no 12 14-15 D '59

Vigilant tunnel inspector I I Merinov. Put' i put khoz. no 12 39 D '59

TURBINES

Basic trends in the improvement of the technology of manufacturing reducers for turbo-geared units. L.A. Arkhangel'skii. Energomashinostroenie 5 no.11:31-32 N '59.

Determination of losses in a turbine blade cascade with an unrated angle of attack. A.N Sherstiuk. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.2:177-180 Mr-Ap '60.

Determining the moment of friction on a rotating disc in connection with the flow of liquid through a gap and with laminar flow in the boundary layers V.S Sedach, A.N. Nespela Izv. vys ucheb. zav ,energ 2 no *11:115-122* N '59

Effect of the Reynolds number on economic aspects of the blading of steam and gas turbines. N.M Markov. Izv vys.ucheb.zav., energ. 2 no 11 74-82 N '59

End losses in radial-flow turbine nozzles. A.E.Zariankin. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.2: 67-72 Mr-Ap '60.

Review of the book "Turbines of hydroelectric power stations." F.F.Gubin. Gidr.stroi. 28 no 4:61-63 Ap '59.

Some results of experimental investigation of the annular cascades of the turbine stages. IU.I.Mitiushkin. Izv. vys.ucheb.zav.; energ. 2 no.11:83-93 N '59.

Special diagrams and characteristics of turbines for the calculation of the most advantageous distribution of active load in a unified power system. A.N. Zlatopol'skii. Elek sta 30 no 12:36-40 D '59.

TURBOBLOWERS

Hydraulic remote control system for boiler turboblowers. I I.Malinovskii. Sudostroenie 25 no.12:55-57 D '59.

TURBOGENERATORS

(see also subdivision under Kharkov)

Effect of the moment of rotation and angular velocity of hydraulic turbines on the static strength of synchronous generators. A.S Usser, V.I.Chebotarev. [Nauch. trudy] VIESKH 3:292-306 '58.

Possible ways for developing automatically regulated turbogenerator excitation systems. IA.N.Shtrafun. Elektrichestvo no.12 10-13 D '59

TURBOMACHINES

(see also subdivision under Kharkov)

Calculating natural frequencies and shapes of vibrations of turbomachine rotor blades. N.S Lobikov. Izv.vys. ucheb zav.; av.tekh. 2 no.4:120-126 '59

Some questions on the three-dimensional theory of turbocompressors. K I.Strakhovich. Trudy LTIKHP 15:3-26 '58.

Turbodrive of a petroleum cargo pump (from "Hansa" no. 19/20, 1959). Sudostroenie 25 no.12:67 D '59.

TURBOMACHINES—AERODYNAMICS

Zhukovskii, M.I. [Calculating the flow about cascades of profiles of turbomachines] Raschet obtekaniia reshetok profilei turbomashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 259 p.

TURBOMACHINES—TESTING

Results of turbocompressor testing in Noril'sk mines. S.S.Smorodin. Izv.vys.ucheb zav., gor.zhur. no.2: 125-129 '59.

TURBOT see subdivision under Black Sea

TURGAY GATES—ECONOMIC POLICY

Problems of the Greater Turgay. I. Aleksandrov. Nar. khoz.Kazakh. no.12:40-44 D '59.

TURGAY GATES—PHYSICAL GEOGRAPHY

Valley-strewn meso- and microrelief in the western part of the Turgay tableland. S. V. Golovenko. Vest. Mosk. un. Ser. biol , pochv., geol., geog. 14 no.2:217-225 '59.

TURGAY GATES—PLANT COMMUNITIES

Plant associations as ground-water indicators in meadows of the Turgay Valley. S.V.Viktorov. Vest. Mosk. un. Ser. biol , pochv., geol , geog. 14 no.2:227-233 '59.

TURGENEV, IVAN SERGEEVICH, 1818-1883

At Turgenev's birthplace. I. Davydova. Sem'ia i shkola 14 no.12:31 D '59.

How the story "Mumu" was created. I. IAkushin. Zhizn' glukh. 12 no.12:18-19 D '59.

I.S. Turgenev and the social and literary struggle during the 1870's and the beginning of the 1880's. I T. Trofimov. Nauch. dokl. vys. shkoly, filol. nauki no.4:138-147 '59.

"Mumu" by I.S. Turgenev. V.V.Golubkov. Lit. v shkole 20 no.6:15-25 N-D '59.

Unknown letters of I S Turgenev. P Ukhov Moskva 3 no 9:223-224 '59

TURKESTAN—REVOLUTION, 1917-1921

Ideological and organizational consolidation of the Turkmen (Transcaspian) Province party organization in 1921-1922. V.G.Mel'kumov. Trudy IML.Turk.fil. no.4:3-23 '58.

TURKESTAN—SUBVERSIVE ACTIVITIES

From the history of the Extraordinary Investigatory Commission in the Turkestan Republic M. IUldashev. Izv. AN Uz.SSR Ser. obshchestv. nauk no.6:37-39 '59

TURKEY

Chikhachev, P.A. [Letters about Turkey] Pis'ma o Turtsii. Moskva, Izd-vo vostochnoi lit-ry, 1960. 84 p.

TURKEY—ARMY

"Devshirme" (forced conscription) in the Ottoman Empire according to Armenian and Turkish sources [in Armenian with summary in Russian]. M.K. Zulalian. Ist.-filol. zhur. no.2/3:247-256 '59.

TURKEY—HISTORY

Gordlevskii, V.A. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo vostochnoi lit-ry.
Vol. 1. [Historical works] Istoricheskie raboty. 1960. 550 p.

The Polish-Turkish War of 1620-1621 and the role of Russia. N.S.Rashba. Ukr. ist. zhur. 3 no.6:77-88 N-D '59.

TURKEY—JOURNALISM

"Freedom of the press" Turkish style. V. Sergeev. Sov. pech. no.12:106 D '59.

TURKEY—POLITICS AND GOVERNMENT

Facts. Mezhdunar. zhizn' 7 no.5:152-157 My '60.

TURKIC LANGUAGES—CLAUSES

Aliev, U.B. [Problems of complex clauses in the Russian and Turkic languages, based on data for Russian, Karachay, Balkar, and Kirghiz] Voprosy slozhnogo predlozheniia v russkom i tiurkskikh iazykakh, na materialakh russkogo, karachaevskogo, balkarskogo i kirgizskogo iazykov. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1959. 1 v.
(MH)

TURKIC LITERATURE

Klimovich, L.I. [History of the literatures of the Soviet East] Iz istorii literatur Sovetskogo Vostoka. Moskva, Goslitizdat, 1959. 349 p.
(MH)

TURKISH LANGUAGE—DIALECTS

(see also subdivision under Georgia)

Introductory speech by M. M. Aliev, the president of the Academy of Sciences of the Azerbaijan S.S.R.'s. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:7-8 '58.

Presentation of reports. Akrem Dzhafar and others. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:127-182 '58.

Resolution of the coordinated conference on questions of Turkic dialectology. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:183-187 '58.

TURKISH LANGUAGE—PARTICIPLE

Concerning the classification of participles in the Turkic language A N. Baskakov. Vop iaz 8 no 6:110-114 N-D '59

TURKMEN LANGUAGE—DIALECTS

The status of Turkmen dialectology K. Shamuradov. Trudy Inst. lit i iaz. AN Azerb SSR 12:87-92 '58.

TURKMEN LANGUAGE—TRANSLATIONS FROM THE RUSSIAN

Organizational problems in translating the works of the great authors of Marxism-Leninism from the Russian into Turkmen, based on the materials of the Turkmen Branch of the Institute of Marxism-Leninism. A. Redzhepov. Trudy IML. Turk fil. no.4:84-100 '58.

TURKMENISTAN—AMEBIASIS

Amebiasis in Turkmenistan. M. M. Solov'ev. Zdrav Turk 3 no.5:32-35 S-O '59.

TURKMENISTAN—CIVIL LAW

Turkmen S.S.R. Ministerstvo iustitsii. [Civil code of the Turkmen S.S.R.; with amendments as of January 1, 1957 and supplementary materials on the articles] Grazhdanskii kodeks Turkmenskoi SSR; s izmeneniiami i dopolneniiami na 1 ianvaria 1957 g. i postateinymi materialami. Ashkhabad, Turkmengosizdat, 1957. 257 p.

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION

Ideological and organizational consolidation of the Turkmen (Transcaspian) Province party organization in 1921-1922. V.G. Mel'kumov. Trudy IML.Turk.fil no.4:3-23 '58.

Party organizations in Turkmen (Transcaspian) Province, 1919-1924. D.I.IAremenko. Trudy IML.Turk.fil. no.4: 141-209 '58.

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Turkmenistana. 14 s"ezd, 1958. [Materials of the 14th Congress of the Communist Party of Turkmenistan, January 18-20, 1958] Materialy s"ezda. Ashkhabad, Turkmenskoe gos. izd-vo, 1958. 93 p.

TURKMENISTAN—DIPHTHERIA

In the Collegium of the Ministry of Public Health of the Turkmen S.S.R. Zdrav Turk 3 no.5:45-47 S-O '59.

TURKMENISTAN—DOMESTIC RELATIONS

Turkmen S.S.R. Ministerstvo iustitsii. [The code of laws on marriage, family, guardianship, and the acts of civil status of the Turkmen S.S.R.; official text with amendments as of October 1, 1955 and supplementary materials] Kodeks zakonov o brake, sem'e, opeke i ob aktakh grazhdanskogo sostoianiia TSSR, ofitsial'nyi tekst s izmeneniiami na 1 oktiabria 1955 g i s prilozheniiam. Ashkhabad, Turkmenskoe gos. izd-vo, 1955. 103 p.

TURKMENISTAN—ECONOMIC CONDITIONS

Struggle of the Communist Party (Bolshevik) of Turkmenistan for the further development of industry and agriculture based on the decisions of the 16th Congress of the Communist Party, March 1930 to June 1931. I. G. Krevskikh. Trudy IML.Turk.fil. no.1:40-68 '59.

TURKMENISTAN—FRUIT CULTURE

Fruit culture and viticulture in Turkmenistan D N Niiazov. Sad i og 07 no.12:31-33 D '59

TURKMENISTAN—HOSPITALS

In the Collegium of the Ministry of Public Health of the Turkmen S.S.R. Zdrav Turk. 3 no.5 45-47 S-O '59

TURKMENISTAN—IRRIGATION

How they carried out the land and water reform in the Poltoratsk and Merv administrative areas of the Turkmen S.S.R., 1925-1927. IU.S.Kuznetsov. Trudy IML. Turk.fil. no.4:24-47 '58.

TURKMENISTAN—JOURNALISM

Bearers of Marxist-Leninist ideas. A Gel'dyev Sov. pech no 12:75 D '59.

TURKMENISTAN—LAND TENURE

How they carried out the land and water reform in the Poltoratsk and Merv administrative areas of the Turkmen S.S.R., 1925-1927. IU.S.Kuznetsov. Trudy IML. Turk.fil. no.4:24-47 '58.

TURKMENISTAN—MILK VETCHES

Experiments with tragacanth culture in the Turkmenian S.S.R. R.P.Tarasov. Trudy Bot.inst.Ser. 6 no.7: 362-368 '59.

TURKMENISTAN—PETROLEUM GEOLOGY

Correlation of cross sections of the Apsheron producing formation and west Turkmenistan red beds. G I [illegible] Azerb. neft. khoz. 37 no.6:4-7 Je '58.

TURKMENISTAN—POLITICS AND GOVERNMENT
Turkmen S.S.R. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Turkmen S.S.R., fifth session, January 21-22, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR, chetvertogo sozyva, piataia sessiia (21-22 ianvaria 1959 goda). Stenograficheskii otchet. Ashkhabad, Turkmenskoe gos.izd-vo, 1959. 213 p. [Parallel texts in Turkmen and Russian.]

TURKMENISTAN—REVOLUTION OF 1905
"Revolution of 1905-1907 in Turkestan" by A.V. Piaskovskii. Reviewed by [illegible]. Vest. AN Kazakh.SSR 15 no.11:100-104 N '59.

TURKMENISTAN—SOVIETS
In the supreme soviets and the councils of ministers of the Union Republics. [illegible] no.12:101-104 D '59.

TURKMENISTAN—TRADE ROUTES
Main stations on the medieval trade route from [illegible] to Merv. [illegible] Sov. arkheol. no.4:[illegible] '59.

TURKMENISTAN—VETCH
Outlook for introducing the villous vetch in Turkmenistan. V. V. Nikitin. Trudy Bot. inst. Ser. 6 no.7:[illegible] '59.

TURNING
Changes in the cutting edge in the lateral turning of wood. M. V. [illegible] Trudy [illegible] '59.

Effect of basic operational factors on cutting strains and surface finish in tangential turning of wood. A. A. Pizhurin. Nauch.dokl.vys.shkoly; les.inzh.delo [illegible] '59.

Tangential turning of wood. A. A. Pizhurin. Nauch.dokl. vys.shkoly; les.inzh.delo [illegible] '59.

TURPENTINE
Changes in the properties of gum turpentine on its heating and in the presence of [illegible] I. I. Bardyshev, [illegible] Nauch.dokl.vys.shkoly; les.inzh.delo [illegible]

TURPENTINE INDUSTRY—BY-PRODUCTS
Phenol-formaldehyde resin from waste products of the [illegible] turpentine industry. [illegible]

TURSKII, MITROFAN KUZ'MICH, 1840-[illegible]
Mitrofan Kuz'mich Turskii. [illegible]

TURTLES
Characteristics of the [illegible]

TURZHANSKII, LEONID VIKTOROVICH, 1875-1945
The singer of the beauty of the native land. N. Sobolevskii. Iskusstvo 22 no.2:[illegible] '59.

TUVA—POULTRY HOUSES AND EQUIPMENT
[illegible]

TUVA AUTONOMOUS PROVINCE—CATERPILLARS
[illegible]

TUVINIANS
[illegible]

TUYMAZY REGION (BASHKIRIA)—ELECTRIC PROSPECTING
[illegible]

TUYMAZY REGION (BASHKIRIA)—OIL WELLS—EQUIPMENT AND SUPPLIES
Achievements of Tuymazy efficiency promoters. N. S. Marinin. [illegible] 4 no.12:22-23 D '59.

TUYMAZY REGION (BASHKIRIA)—OIL WELLS—MEASUREMENT
Practices in testing oil wells. [illegible] '59.

TWAIN, MARK see Clemens, Samuel Langhorne, 1835-1910

2,4-D
Effectiveness of 2,4-D [illegible]

TYACHEVO DISTRICT—COLLECTIVE FARMS
[illegible]

TYPESETTING
[See also subdivision under [illegible]]
Composing frames for [illegible]

Frame for composing tables. G. N. Ignatova, Z. S. Khret[illegible]. Poligr. proizv. no.12:11-12 D '59.

TYPHUS FEVER see subdivision under Tajikistan

TYUMEN—AGRICULTURAL EXHIBITIONS
Exhibition on fruit culture in Tyumen. A. E. Bersenev. Sad i og. [illegible] no.12:64 D '59.

TYUMEN—INDUSTRIAL SAFETY
Controlling the implementation of safety measures. [illegible] Zhil.-kom.khoz. 9 no.12:7-8 '59.

TYVROV DISTRICT—BEEF CATTLE
Fattening center for 900 heads of cattle. O. Korol'. Sil'. bud. 9 no.11:11 N '59.

U NU, 1907-
U Nu, Sylvanus Olympio, Benoit Frachon. Nov. vrem. 18 no.20:30-31 My '60.

UBORT' VALLEY—ROCKS, CRYSTALLINE AND METAMORPHIC
Geology and crystalline rocks in the upper Ubort' Valley. [illegible] Nauk.zap.Kyiv un. 16 no.14:139-160 '57.

UDDER—DISEASES
Method of catheterizing the udder. E. P. Kokorina. Fiziol. zhur. 45 no.12:1499-1505 D '59.

UDEREYSKIY DISTRICT—FUNGI, FOSSIL
Remains of tertiary fungi of the family Microthyriaceae [illegible] in the Yenisey area of the West Siberian Lowland. P. A. Popov. Dokl.AN SSSR 131 no.5:1162-1165 Ap '60.

UDOKAN RANGE—COPPER ORES
Technology of Udokan deposit copper ore dressing. A. I. [illegible], G. I. Demidovich. Tsvet. met. 32 no.12:19-22 D '59.

UFA—CHEMICAL INDUSTRIES
Heart-to-heart talk. B. Kononov. Agitator no.23:55-56 D '59.

UFA—METAL CUTTING
Great changes. [illegible] Prom.koop. 13 no.12:13 D '59.

UIGUR POETRY—TRANSLATIONS FROM THE RUSSIAN
Translations that should be improved. M. Khamraev. Sov. Kazakh. 24 no.4:107-109 [illegible] '60.

UK RIVER (IRKUTSK PROVINCE)—WATERFALLS
On the Uk River. G. Khomenko. Vokrug sveta no.1:54 Ja '60.

UKRAINE—AERONAUTICS IN AGRICULTURE
Encourage the introduction of fine spraying. M. Kurnesov. Grazhd. av. 16 no.12:11 D '59.

UKRAINE—AGRICULTURAL CHEMISTRY
Chemistry and the harvest. A. Bondarenko. Ukraina [illegible]

UKRAINE—AGRICULTURAL RESEARCH
For our people. P. A. Vlasiuk. Ukraina no.24:16 D [illegible]

UKRAINE—AGRICULTURE
In the vanguard of the seven year plan. Mekh.sil'. hosp. 11 no.1:1 Ja '60.
Cultural program of village workers. Mekh.sil'.hosp. 11 no.1:[illegible] Ja '60.
[illegible] changes. I. Kabanets'. Ukraina no.2:1-3 Ja '60.

UKRAINE—ALKALI LANDS
Improved and efficient utilization of saline lowland soils in southern Polesye and the northern forest steppe of the Ukraine [with summary in English]. G. N. Sambur, I. I. Kovalenko. Pochvovedenie no.12:30-44 D '59.

UKRAINE—ALLIED INTERVENTION, 1918-1920
Valuable textbook for teachers ("Defeat of foreign aggressor in the southern Ukraine and the Crimea" by I. M. Shevchuk. Reviewed by S. K. Mel'nyk, P. A. [illegible]). Ukr. ist. zhur. 3 no.6:144-145 N-D '59.

UKRAINE—AMATEUR ART ACTIVITIES
How the Central House of Popular Art of the Ukrainian S.S.R. prepares for the 1960 ten day festival of Ukrainian literature and art in Moscow. L. Rosov. Nar. tvorch. ta etn. 3 no.3:139-140 Jl-S '59.

UKRAINE—AMUSEMENTS
Some traditional popular games and amusements. [illegible] Nar. tvorch. ta etn. [illegible] Ap-Je '59.

UKRAINE—APARTMENT HOUSES
Prefabricated silicalcite houses. D. Shipil'. Stroi. i arkhit. 7 no.12:22-23 D '59.

UKRAINE—ARCHITECTURE—DESIGNS AND PLANS
Improve the standard planning. I. Goleta. Stroi. i arkhit. 7 no.12:1-2 D '59.

UKRAINE—AROMATIC PLANTS
Introduction of new essential oil and spice plants in the Ukraine. G. N. Kotukov. Trudy Bot. inst. Ser. 6 no.7: 80-90 '59.

New essential oil plants for cultivation in the flora of the Ukrainian S.S.R. M. I. Kotov. Trudy Bot. inst. Ser. 6 no.7:85-87 '59.

Outlook for the cultivation of essential oil plants in the southeastern part of the Ukraine. E. N. Balkovaia. Trudy Bot. inst. Ser. 6 no.7:91-96 '59.

UKRAINE—BOARDING SCHOOLS
Design of rural boarding school. N. Volkov. Stroi. i arkhit. 7 no.12:7-8 D '59.

UKRAINE—BOTANICAL SOCIETIES
In the Botanical Section of the Ukrainian Society for the Protection of Nature and Promotion of the Development of Natural Resources. S. S. Kharkevich, V. I. Chopik. Ukr. bot. zhur. 16 no.5:109-110 '59.

UKRAINE—BUILDING
Assistance of city workers to villages. Sil'. bud. 9 no.11:2 of cover N '59.

UKRAINE—BUILDING—PRICES
Scheduled costs in housing construction of the Ukrainian S.S.R. V. A. Alekseev. Ekon. stroi. no.12:27-32 D '59.

UKRAINE—CAMOMILE
Matricaria chamomilla in the southern Ukrainian S.S.R. D. S. Ivashin. Apt. delo 8 no.6:38-43 N-D '59.

UKRAINE—CARDIOVASCULAR SYSTEM—DISEASES
Control of rheumatic fever and cardiovascular diseases in the Ukrainian S.S.R. [with summary in English]. K. M. Sheremet'ev. Sov. zdrav. 19 no.1:36-40 '60.

UKRAINE—CHESS—TOURNAMENTS
Victory of a young master. Iu. Averbakh. Ukraina no.24:30 D '59.

UKRAINE—CHORAL SOCIETIES
Our guest performances. Hr. Verʹovka. Ukraina no.2:20 Ja '60.

UKRAINE—CITY PLANNING
Kan'shov, A. M. [Urban development in the Ukraine during the seven-year plan] Gradostroitel'stvo Ukrainy v semiletke. Kiev, 1960. 33 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ukrainskoi SSR, Ser. 7, no.5)

UKRAINE—CIVIL PROCEDURE
Ukraine. Laws, statutes, etc. [Code of civil procedure of the Ukraine, official text with amendments as of March 1, 1958, and with a supplementary index] Tsyvil'nyi protsesual'nyi kodeks Ukrains'koi RSR; ofitsial'nyi tekst iz zminamy na 1 bereznia 1958 r. ta z dodatkom postateino systematyzovanykh materialiv. Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1958. 143 p. (CLL)

UKRAINE—CLUBHOUSES
Lowering construction costs of rural clubhouses [with summary in English, p. 82]. H. V. Zen'kovych. Visnyk AHIA URSR no.4:6-9 '59.

UKRAINE—COAL MINES AND MINING—FINANCE
Waste in mining expenditures. B. Kasel'man, G. Zalesskii. Fin. SSSR 21 no.4:69-71 Ap '60.

UKRAINE—COLLECTIVE FARMS
Income increase and rise in the consumption level of collective farmers. G. Shaflonskii. Nauch. dokl. vys. shkoly; ekon. nauki no.4:159-166 '59.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION
How our historiography interprets the establishment of the Communist Party (Bolshevik) of the Ukraine and its tactics in 1918. B. P. Bochkov, N. N. Lipovchenko, IA. I. Panko. Vop. ist. KPSS 4 no.3:65-89 '60.

The Seventh Conference of the Communist Party of the Ukraine. I. Alekseev, P. Bochkovskii. Komm. Ukr. 35 no.12:63-72 D '59.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Party members are the decisive factor of the struggle for the carrying out of the seven-year plan ahead of schedule. N. Podgornyi. Komm. Ukr. 35 no.12:1-19 D '59.

UKRAINE—COMMUNIST YOUTH LEAGUE
Communist Youth Leaguers are always ready to help. V. I. Drozdenko. Rad. shk. 38 no.12:23-24 D '59.

Vasyl'chukov, T. H. [Early history of the heroic Communist Youth League of the Ukraine] Heroichna iunist' komsomolu Ukrainy. Kyiv, 1959. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR)

UKRAINE—CONSTRUCTION INDUSTRY
Competition for the best residential and public buildings built in the Ukrainian S.S.R. Stroi. i arkhit. 7 no.12:12 D '59.

In the Presidium of the Academy of Construction and Architecture of the U.S.S.R. Visnyk AHIA URSR no.4:77-78 '59.

UKRAINE—CORN (MAIZE)

Silage producing qualities of corn, sorgo, and African millet in the central part of the Ukrainian steppe region. IA. P Sidorenko, A. O. Stafiichuk. Dop. UASHN 2 no. 6 7-9 N-D '59

UKRAINE—COSTS, INDUSTRIAL

Possibilities for eliminating losses. E. Sokol'skii. Fin. SSSR 21 no 4:60-65 Ap '60.

UKRAINE—DANCING

Folk dances and amusements. Selected and supplemented with an introductory note by A. I. Humeniuk. Nar. tvorch. ta etn. 3 no. 2 131-144 Ap-Je '59.

UKRAINE—DAY NURSERIES

Rural kindergartens and day nurseries. I Korol', V. Svitko. Stroi i arkhit 7 no 12:3-5 D '59

UKRAINE—DICTIONARIES AND ENCYCLOPEDIAS

[Ukrainian encyclopedia; dictionary section] Entsyklopediia Ukrainoznavstva, slovnykova chastyna. Holovnyi red. Volodymyr Kubiiovych. Zastupnyk holovnoho red. Mykola Hlobenko. [Miunkhen] Vyd-vo "Molode zhyttia."
Vol. 2, pt. 10. [n d.] 721-800 p.
Vol. 2, pt. 11. [1959] 805-880 p.
Vol. 2, pt. 12. [n. d.] 881-960 p.

UKRAINE—ECONOMIC POLICY

Kommunisticheskaia partiia Ukrainy. 20 s"ezd, Kiev, 1959. [Abstracts from Comrade N. S. Khrushchev's report at the 21st Congress of the CPSU "Target figures for the development of the national economy of the U.S.S.R. from 1959 to 1965", and the tasks of the Communist Party of the Ukraine. Resolution of the 20th Congress of the Communist Party of the Ukraine on N. V. Podgornii's report, adopted January 17, 1959. Report of N. V. Podgornii at the 20th Congress of the Communist Party of the Ukraine, January 16, 1959] Tezisy doklada tovarishcha N. S. Khrushcheva na XXI s"ezda KPSS "Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody" i zadachi Kommunisticheskoi partii Ukrainy. Rezoliutsiia XX s"ezda Kommunisticheskoi partii Ukrainy po dokladu N. V. Podgornogo, priniataia 17 ianvaria 1959 goda. Doklad N. V. Podgornogo na XX s"ezde Kommunisticheskoi partii Ukrainy 16 ianvaria 1959 goda. Kiev, Gos. izd-vo polit. lit-ry USSR, 1959. 78 p.

UKRAINE—EDUCATION

Communist Youth Leaguers are always ready to help. V. I Drozdenko. Rad. shk 38 no. 12:23-24 D '59.

Let's carry out the decisions of the Teachers' Congress. Ukr. mova v shkoli 9 no. 6.3-8 N-D '59.

Lomats'kyi, Mykhailo. [Ukrainain teachers in Hutsuliia] Ukrains'ke vchytel'stvo na Hutsul'shchyni. Toronto, 1958. 72 p. (Ob'iednannia ukrains'kykh pedagogiv u Kanadi. Pedagogichna biblioteka)
(CtY)

Objectives of Ukrainian schools and teachers in the light of the decisions of the 21st Congress of the CPSU and the new school law. I K Bilodid Rad. shk. 38 no 12: 11-17 D '59

Our education should contribute to the solution of the grandiose objectives of large-scale building of communism N. T Kal'chenko. Rad. shk 38 no. 12:7-10 D '59.

Results of an educational conference in the Ukrainian S S. R Rad shk. 38 no. 12:86-88 D '59.

UKRAINE—EDUCATION—EXHIBITIONS AND MUSEUMS

Exhibition of the technical achievements and artistic work of students. I M IAkovlev, O A. Bochkovs'kyi, P I. Hovdia. Rad. shk. 38 no. 12:63-68 D '59.

UKRAINE—EDUCATION, COOPERATIVE

Sudeichenko, D. H. [We should strengthen the ties of our schools with life] Zmitsniuvaty zv'iazok shkoly z zhyttiam. [Kharkov] Kharkivs'ke knyzhkove vyd-vo, 1959. 28 p.

UKRAINE—EDUCATION, ELEMENTARY

Section of the teachers of grades 1 to 4. Rad. shk. 38 no. 12:45-47 D '59.

UKRAINE—EDUCATION, HIGHER

Development of the institutions of higher technical education during the first five-year plan. V. P. Terent'iev, IU. V. Babko. Ukr. ist. zhur 3 no. 6-34-45 N-D '59.

UKRAINE—EDUCATIONAL PSYCHOLOGY—STUDY AND TEACHING

Present-day status and prospects for the further development of psychological studies in the Ukrainian S. S. R. in connection with the reorganization of the school system H. S. Kostiuk. Rad. shk. 38 no. 12:77-85 D '59

UKRAINE—EDUCATIONAL RESEARCH

For the further development of pedagogical studies in the Ukrainian S S R. O. M Rus'ko Rad shk. 38 no. 12: 69-76 D '59

A session discussing the development of educational research in the Ukrainian S. S. R. Ukr. mova v shkoli 9 no. 6:83-85 N-D '59.

UKRAINE—ELECTRIC ENGINEERING

The Electric Engineering Institute helps industrial enterprises. A. Nesterenko. Nauka i zhyttia 9 no. 12:33-35 D '59.

UKRAINE—ELECTRIFICATION

Shevchenko, IA. O. [Development of electric power in the Ukraine] Rozvytok elektroenergetyky Ukrains'koi RSR. Kyiv, Akad. nauk URSR, In-t ekonomiky, 1958. 37 p.
(MH)

UKRAINE—EROSION—CONGRESSES

Ukrainian conference on erosion control S. I Sil'vestrov Izv AN SSSR Ser geog no. 2 131-136 Mr-Ap '60

UKRAINE—ETHNOLOGY—BIBLIOGRAPHY

Bibliography of studies on Ukrainian ethnography, 1957-1958. V. Zinych. Nar. tvorch. ta etn. 3 no. 3:131-134 Jl-S '59.

UKRAINE—EVENING AND CONTINUATION SCHOOLS

The two-hour class in the schools for working youth. I. L. Naumchenko. Sov. pedag. 24 no. 1:79-87 Ja '60.

UKRAINE—FAMINES

Ezhes'kyi, Roman. [Famine in the Ukraine in the light of official data] Holod na Ukraini v svitli uriadovykh danykh. [Baffalo, Nakl. avtora] 1958. 39 p.
(IU)

UKRAINE—FARM BUILDINGS

Research in the field of rural construction [with summary in English, p 82] M. P. Klekovkin Visnyk ABIA URSR no 4 3-6 '59.

Use all resources for fulfilling the building plan. Sil'. bud. 9 no. 11:1-2 N '59.

Ways of lowering the time expended in construction on collective farms. M. Berlin. Ekon. stroi. no. 12·9-12 D '59.

We should build cheap and at the same time good buildings on collective farms V Otroshko Komm Ukr 35 no. 11 14-18 N '59

UKRAINE—FARM MECHANIZATION

Engineers and technical personnel go to work on collective farms Ukraina no 24 5 D '59.

The land calls. A. Kotliar. Znan. ta pratsia no. 12:2 D '59.

UKRAINE—FERTILIZERS AND MANURES

Fertilizer production and usage in the Ukraine. P A Vlasiuk. Ud i ur. 4 no 11 15-19 N '59

UKRAINE—FESTIVALS

Let's intensify our preparations for the ten-day festival of Ukrainian art and literature IU Kondufor. Komm Ukr 35 no. 11·35-42 N '59

UKRAINE—FILBERT

Testing and introducing the filbert in southwestern provinces of the Ukrainian S. S. R. N. M. Vil'chinskii, N. P. Bedrikovskaia. Trudy Bot. inst. Ser. 6 no. 7:171-172 '59.

UKRAINE—FOLK ART

Studying Ukrainian folk art. V. Tkachenko. Nar. tvorch. ta etn. 3 no. 2:165-166 Ap-Je '59.

UKRAINE—FORESTS AND FORESTRY

On the fringe of a forest. Mykhailo Chabanivs'kyi Ukraina no 24 12-13 D '59.

UKRAINE—FRUIT—VARIETIES

Improve the varietal structure of fruit and berry plantations in the Ukraine [with summaries in English, German, and French] M. IU. Gushchin. Vest. sel'khoz. nauki 4 no 12;41-47 D '59.

UKRAINE—FRUIT CULTURE

Apples. Mykhailo Chabanivs'kyi. Ukraina no 24, 11-12 D '59

UKRAINE—GAMES

Some traditional popular games and amusements. O. F. Kuven'ova. Nar. tvorch. ta etn. 3 no. 2:84-93 Ap-Je '59.

UKRAINE—GAS, NATURAL

Akademiia nauk URSR, Kiev. Instytut vykorystannia hazu. [Complete utilization of fuel gases of the Ukraine; natural and industrial gases] Kompleksnoe ispol'zovanie goriuchikh gazov Ukrainy; prirodnye i promyshlennye gazy. Kiev, Izd-vo Akad. nauk USSR, 1960. 258 p.

UKRAINE—GAS DISTRIBUTION

Standardizing operations in installing urban gas-supply systems. G. Taukach. Stroi. i arkhit. 7 no. 12:25 D '59.

Using continuous production-line methods in building urban gas-supply systems [with summary in English, p. 89]. H. L Taukach. Visnyk ABIA URSR no. 4·62-65 '59.

UKRAINE—GAS INDUSTRY

Hlamazda, A. D. [Gas industry of the Ukraine and the seven-year plan] Hazova promyslovist' URSR v semyrichtsi. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 82 p.

UKRAINE—GAS MANUFACTURE AND WORKS

Akademiia nauk URSR, Kiev. Instytut vykorystannia hazu. [Complete utilization of fuel gases of the Ukraine; natural and industrial gases] Kompleksnoe ispol'zovanie goriuchikh gazov Ukrainy; prirodnye i promyshlennye gazy. Kiev, Izd-vo Akad. nauk USSR, 1960. 258 p.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Baranova, N. M., H. L Moliavko, and S. T. Borysenko. [Tertiary sediments in the southeastern Ukraine] Tretynni vidklady pivdenno-skhidnoi chastyny Ukrainy Kyiv, Vyd-vo Akad. nauk URSR, 1960. 149 p.

Stratigraphy of middle Miocene sediments in the southwestern part of the Ukrainian S. S R O V Komarnii Nauk zap. Kyiv. un. 16 no 14:87-99 '57

UKRAINE—GRAIN

Problems pertaining to the cost of grain on collective and state farms of the northern Ukrainian steppe. O. A. Bubuts'kyi Dop. UASHN 2 no. 6·3-5 N D '59.

UKRAINE—HISTORICAL RESEARCH

Work of the Scientific Council of the Institute of History of the Academy of Sciences of the Ukrainian S S R in 1957-1959 O. P Loln. Ukr ist zhur. 3 no 6·158 160 N-D '59.

UKRAINE—HISTORY

New book on the history of the Ukraine ("Studies on the social and political system of the left-bank Ukraine in the late 17th and the early 18th century" by V A Diadychenko Reviewed by V. O. Holobuts'kyi) Ukr. ist zhur. 3 no 6:148-150 N-D '59.

Shevchenko, F. P. [Political and economic relations of the Ukraine with Russia in the middle of the 18th century] Politychni ta ekonomichni zv'iazky Ukrainy z Rosiieiu v seredyni XVII st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 490 p.

Shlepakov, A. M. [The Ukraine in the plans of international reaction on the eve of the Second World War] Ukraina v planakh mizhnarodnoi reaktsii naperedodni Druhoi Svitovoi viiny. Kyiv, Derzhpolitvydav URSR, 1959. 63 p.

UKRAINE—HISTORY—PERIODICALS

First volume of the new "Studies" ("Studies of the Institute for Raising the Qualification of Social Science Teachers attached to the T. H. Shevchenko State University in Kiev." Vol. 1. 1958. Reviewed by I. V. Bu...) Ukr. ist. zhur. 3 no. 6:140-142 N-D '59

UKRAINE—HISTORY—SOURCES

Materials on the conditions of peasants and antifeudal movements in the right-bank Ukraine of the second half of the 18th century I. M. Shekera. Ukr ist zhur. 3 no 6:128-132 N-D '59.

UKRAINE—HOSPITALS—ADMINISTRATION

Causes of the disproportionate utilization of hospital beds [with summary in English]. D M. Hidovich. Sov. zdrav. 19 no. 1:15-17 '60.

UKRAINE—INDUSTRIES

Incomparable march of the seven-year plan. Mest. prom. hosp. 11 no. 1:4-5 Ja '60.

Party members are the decisive factor of the struggle for the carrying out of the seven-year plan ahead of schedule. N. Podgornyi. Komm. Ukr. 35 no. 12:1-10 D '59.

UKRAINE—INSECTS, INJURIOUS AND BENEFICIAL

Basic characteristics of changes in the insect fauna of the Ukraine due to the formation of a cultural landscape [with summary in English]. S. I. Medvedev. Zool zhur. 38 no. 1:54-68 Ja '59.

UKRAINE—INTERNATIONAL LAW

Lisovskii, V. I. [The Ukrainian S. S. R. and international law] Ukrainskaia SSR i mezhdunarodnoe pravo. Moskva, Mosk. finansovyi in-t, 1960. 30 p.

UKRAINE—IRON ORES

Ferrosiliceous formations in the Orekhovo-Pavlograd area of the magnetic anomalies [with summary in English] H. V. Zhukov. Dop. AN URSR no. 12.1353-1355 '59

UKRAINE—IRRIGATION FARMING

Irrigation farming. S. Moskovets'. Nauka i zhyttia 9 no. 12:39-41 D '59.

UKRAINE—JUTE

Results of jute introduction and outlook for extending its culture in the southern part of the Ukraine. R. V. Barsevik. Trudy Bot. inst. Ser. 6 no. 7:403-406 '59

UKRAINE—KINDERGARTENS

Rural kindergartens and day nurseries. I. Korol', V. Svitko. Stroi. i arkhit. 7 no. 12:3-5 D '59.

UKRAINE—LABOR AND LABORING CLASSES

One of 365. Ukraina no. 24:3, 7, 9, 10, 14 D '59

UKRAINE—LABRADORITE

Geochemical characteristics of Ukrainian labradorites. T. M. Ahafonova, M. V. Lyzunova. Nauk. zap. Kyiv un. 16 no. 14:179-188 '57.

UKRAINE—LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Let's carry out the decisions of the Teachers' Congress. Ukr. mova v shkoli 9 no. 6:3-8 N-D '59.

The Ukrainian Teachers' Congress. Ukr. mova v shkoli 9 no. 6:81-83 N-D '59.

UKRAINE—LILIES OF THE VALLEY

Cultivation experiments with the valerian, lily-of-the-valley, and Schisandra in the Ukraine. A. I. Zakordonets. Trudy Bot. inst. Ser. 6 no. 7:300-302 '59.

UKRAINE—LITERARY RESEARCH

Defense of dissertations. Rad. lit. no. 6:157-158 N-D '59.

UKRAINE—LOESS

Some specific engineering and geological properties of loess of the southern Ukraine from the left bank area of the Dnieper River. V. [illegible] Rybova. Trudy Lab. gidrogeol. probl. 17:[illegible]-80 '59.

UKRAINE—MACHINERY INDUSTRY

Kulan, O. I., and V. D. Havrylov. [Manufacture of machines in the Ukraine and the role of members of the Academy of Sciences of the Ukrainian S.S.R. in its development] Mashynobuduvannia Ukrainy i vnesok uchenykh Akademii nauk URSR u yoho rozvytok. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 43 p.

UKRAINE—MALARIA

Results of malaria control during the 40 years of Soviet rule in the Ukraine. M. K. [illegible] A. [illegible]. Med. paraz. i paraz. bol. 28 no. 5:[illegible] S-O '59.

UKRAINE—MAMMOTH

Causes of the extinction of the mammoth in the Ukraine [with summary in English]. [illegible]. Dop. AN URSR no. 10:[illegible] '59.

UKRAINE—MATHEMATICS—BIBLIOGRAPHY

List of literature on mathematics published in the Ukraine during 1957 and 1958. [illegible]. Ukr. mat. zhur. 11 no. 3:[illegible] '59.

UKRAINE—MECHANICAL ENGINEERING

Kulan, O. I., and V. D. Havrylov. [Manufacture of machines in the Ukraine and the role of members of the Academy of Sciences of the Ukrainian S.S.R. in its development] Mashynobuduvannia Ukrainy i vnesok uchenykh Akademii nauk URSR u yoho rozvytok. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 43 p.

UKRAINE—MEDICAL SUPPLIES

Medicinal supplies for the Ukraine. [illegible]. Apt. delo 8 no. 6:[illegible] N-D '59.

UKRAINE—METALLURGICAL PLANTS

Khan, B. Kh. [Technical progress in ferrous metallurgy of the Ukrainian S.S.R. in 1959-1965] Tekhnichnyi prohres v chornii metalurhii URSR v 1959-1965 rr. Kyiv, 1959. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. [illegible], no. 3)

UKRAINE—MILLET

Silage producing qualities of corn, sorgo, and African millet in the central part of the Ukrainian steppe region. IA. P. Sidorenko, A. O. [illegible]. Dop. UASHN [illegible] N-D '59.

UKRAINE—MINERAL WATERS

Fables about "holy" springs. A. [illegible]. Nauka i zhyttia 9 no. 5:41-43 My '59.

UKRAINE—MOTION PICTURE THEATERS

Mobile panoramic motion-picture theater. M. Aptekar', B. Rozen. Kinomekhanik no. 12:23-25 D '59.

UKRAINE—MOTION PICTURES

On the occasion of the Exhibition of Ukrainian Literature and Art in Moscow. Isk. kino no. 1:61 Ja '60.

UKRAINE—NATIONAL PARKS AND RESERVES

Veseli Bokivenky. [illegible]. Nauka i zhyttia 9 no. 10:41-44 O '59.

UKRAINE—NEWSPAPERS

Education problems in newspapers. [illegible]. Posh. delo 5 no. 11:19 N [illegible]

UKRAINE—PEACH

Acclimatization of Chinese peaches in the northern part of the Ukraine. I. M. [illegible]. Trudy Bot. inst. Ser. 6 no. 7:152-156 '59.

UKRAINE—PEASANT UPRISINGS

Materials on the conditions of peasants and antifeudal movements in the right bank Ukraine of the second half of the 18th century. I. M. [illegible]. Ukr. ist. zhur. 3 no. 6:128-132 N-D '59.

UKRAINE—PETROLEUM—ANALYSIS

On the presence of traces of germanium and other elements in crude oils from the Dnieper-Donets Lowland [with summary in English]. [illegible]. Dop. AN URSR no. 11:1275-1277 '59.

UKRAINE—PLANT BREEDING

Fiftieth anniversary of the Ukrainian Institute of Plant Growing, Breeding and Genetics. V. IA. Iur'ev. Vest. sel'khoz. nauki 4 no. 12:7-10 D '59.

UKRAINE—POLITICAL PRISONERS

Shkvarko, Ivan. [I accuse; the diary of an Ukrainian political prisoner] Prokliniaiu; z shchodennyka ukrains'koho polityv'iaznia. [Munchen] "Dniprova khvylia," 1953. 315 p.
(InU)

UKRAINE—POLITICS AND GOVERNMENT

The second session of the Supreme Soviet of the Ukrainian S.S.R. Ukraina no. 24:1 D '59.

UKRAINE—POTATO BEETLE

Potato beetle control in the Ukraine. Z. K. Kalachko. Zashch. rast. ot vred. i bol. 4 no. 3:15-17 My-Je '59.

UKRAINE—PRINTING INDUSTRY

For a general development of the printing industry. I. S. Savitskii. Polig. proizv. no. 12:1-4 D '59.

UKRAINE—PROSPECTING—GEOPHYSICAL METHODS

Improve methods and equipment of geophysical prospecting in the Ukrainian S.S.R. A. Khokhlov. Geol. nefti i gaza 3 no. 12:47-48 D '59.

UKRAINE—PUBLIC HEALTH

Brief news. Vrach. delo no. 11:1229-1230 N '59.

UKRAINE—RAILROADS—STATIONS

Let's design modern railroad stations. Stroi. i arkhit. 7 no. 12:9-10 D '59.

UKRAINE—REGIONAL PLANNING

Methods for working out principal schemes of regional planning of administrative economic regions [with summary in English, p. 82]. R. I. [illegible]. Visnyk ABIA URSR no. 4:[illegible] '59.

UKRAINE—RELAPSING FEVER

Observations on foci of tick-borne spirochetosis in Kherson and adjacent provinces of the Ukrainian Republic [with summary in English]. [illegible]. Med. paraz. i paraz. bol. 28 no. 5:[illegible] S-O '59.

UKRAINE—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Foreign specialists are visiting Kiev. Visnyk ABIA URSR no. 4:75 '59.

UKRAINE—RESEARCH, INDUSTRIAL

[illegible], M. O., and M. P. Barabashov. [Soviet science in the service of our people] Radians'ka nauka na sluzhbi u narodu. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 55 p.

UKRAINE—REVOLUTION, 1917-1921

How [illegible] historiography interprets the establishment of the Communist Party (Bolsheviks) of the Ukraine and its [illegible] in 1918. [illegible]. Vop. ist. KPSS 4 no. 1:[illegible] '60.

The Red Guards of the Ukraine in Soviet historiography. [illegible]. Ukr. ist. zhur. 3 no. 6:119-120 N-D '59.

Revolutionary movement in the Armed Forces of the Southwestern Front in 1917 ("Soldiers of the Southwestern Front in the struggle for Soviet rule, March 1917-February 1918" by P. A. Golub. Reviewed by A. H. Tkachuk). Ukr. ist. zhur. 3 no. 6:144-147 N-D '59.

Vasyl'chuk[illegible], T. H. [Early history of the heroic Communist Youth League of the Ukraine] Heroichna iunist' komsomolu Ukrainy. Kyiv, 1959. 42 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR)

UKRAINE—REVOLUTION, 1917-1921—FOOD QUESTION

Operations of workmen of food supply detachments in the Ukraine in 1920. M. I. [illegible]. Uch. zap. MGZPI no. 4:[illegible] '59.

UKRAINE—RHEUMATIC FEVER

Control of rheumatic fever and cardiovascular diseases in the Ukrainian S.S.R. [with summary in English]. K. M. [illegible]. Sov. zdrav. 19 no. 1:36-40 '60.

UKRAINE—ROAD CONSTRUCTION

Ukrainian road builders in the first year of the seven-year plan. Z. IA. Kharchenko. Avt. dor. 22 no. 12:5-7 D '59.

UKRAINE—SCHISANDRA

Cultivation experiments with the valerian, lily-of-the-valley, and Schisandra in the Ukraine. A. I. Zakordonets. Trudy Bot. inst. Ser. 6 no. 7:300-302 '59.

UKRAINE—SCHOOL HYGIENE

For friendly cooperation of teachers and physicians. P. L. Supyk. Rad. shk. 38 no. 12:39-43 D '59.

UKRAINE—SCHOOL SUPERINTENDENTS AND PRINCIPALS

Section of the superintendents and principals of schools for young workers and farmers. Rad. shk. 38 no. 12:61-62 D '59.

UKRAINE—SCHOOLHOUSES

Plans for schoolhouses with wardrobes on all floors. A. Marinchenko. Stroi. i arkhit. 7 no. 12:5-6 D '59.

UKRAINE—SERVICE INDUSTRIES—FINANCE

Readers' suggestions. P. Golovlev, G. Plushko. Fin. SSSR 21 no. 4:81-82 Ap '60.

UKRAINE—SHRUBS

Ornamental trees and shrubs for steppe regions of the southern part of the Ukrainian S.S.R. G. M. Karasev. Trudy Bot. inst. Ser. 6 no. 7:400-401 '59.

UKRAINE—SOCIALIST COMPETITION

In the All-Union Central Council of Trade Unions. Sots. trud no. 12:140-141 D '59.

UKRAINE—SOIL RESEARCH

Our contribution. F. P. Hlibynchuk. Ukraina no. 23:16 D '59.

UKRAINE—SORGHUM

Silage producing qualities of corn, sorgo, and African millet in the central part of the Ukrainian steppe region. IA. P. Sidorenko, A. O. [illegible]. Dop. UASHN 2 no. 6:7-9 N-D '59.

UKRAINE—SPRAYING AND DUSTING

Encourage the introduction of fine spraying. M. Kuznetsov. Grazhd. av. 16 no. 12:11 D '59.

UKRAINE—STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

Production concentration is an important condition for the increase of labor productivity in stockbreeding. S. Kot[illegible]ov. Ekon. sel'khoz. 30 no. 8:37-43 D '59.

UKRAINE—SUGAR BEETS

How we grow sugar. I. F. Buzanov. Ukraina no. 23:16 D '59.

UKRAINE—SUGAR INDUSTRY

Outlooks for the sugar refining industry. A. D. Blankman. Sakh. prom. 33 no. 12:37 D '59.

UKRAINE—SURGICAL SOCIETIES

Results of the work of the Sixth Broadened Governing Plenum of the Ukrainian Surgical Societies and of the Eleventh Republic Conference on Blood Transfusion. Nov. khir. arkh. no. 6:136-143 N-D '59.

UKRAINE—TEACHERS

The Congress of Soviet Ukrainian Teachers. Rad. shk. 38 no. 12:5-6 D '59.

To the Congress of Soviet Ukrainian Teachers. Rad. shk. 38 no. 12:3-4 D '59.

UKRAINE—TECHNICAL EDUCATION

Development of the institutions of higher technical education during the first five-year plan. V. P. Terent'iev, IU. V. Babko. Ukr. ist. zhur. 3 no. 6:34-45 N-D '59.

UKRAINE—TRADE UNIONS

In the All-Union Central Council of Trade Unions. Sots. trud no. 12:140-141 D '59.

Work of trade-union organizations in the part of the Ukraine liberated from fascist German aggressors, 1943-1945. O. M. Stadnyk. Ukr. ist. zhur. 3 no. 6:12-21 N-D '59.

UKRAINE—TREES

Ornamental trees and shrubs for steppe regions of the southern part of the Ukrainian S.S.R. G. M. Karasev. Trudy Bot. inst. Ser. 6 no. 7:400-401 '59.

Results and problems of dendrological investigations in gardens and parks of the Ukraine [with summary in English]. O. L. Lypa. Ukr. bot. zhur. 16 no. 5:97-105 '59.

UKRAINE—TRIPOLI (MINERAL)

Using Ukrainian tripoli earth as raw material in making lightweight wall ceramics [with summary in English, p. 83]. K. V. Dashuk. Visnyk ABIA URSR no. 4:60-65 '59.

UKRAINE—VALERIAN

Cultivation experiments with the valerian, lily-of-the-valley, and Schisandra in the Ukraine. A. I. Zakordonets. Trudy Bot. inst. Ser. 6 no. 7:300-302 '59.

UKRAINE—WOOD-DECAYING FUNGI

Spreading of wood-decaying fungi and boring beetles in wooden elements of buildings in the Ukrainian S.S.R. [with summary in English, p. 83]. A. A. Demikhovs'ka. Visnyk ABIA URSR no. 4:53-58 '59.

UKRAINE—WORLD WAR, 1939-1945

Work of trade-union organizations in the part of the Ukraine liberated from fascist German aggressors, 1943-1945. O. M. Stadnyk. Ukr. ist. zhur. 3 no. 6:15-21 N-D '59.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Struggle of underground communist organizations against fascist ideology during the temporary occupation of the Ukraine at the time of the Great Patriotic War. M. D. Illahchenko. Ukr. ist. zhur. 3 no. 6:22-33 N-D '59.

UKRAINE, WESTERN—ART INDUSTRIES

Let's collect and publish materials on the life and the art industries of the Lemki. Nar. tvorch. ta etn. 3 no.3: 147 Jl-S '59.

UKRAINE, WESTERN—COMMUNIST YOUTH LEAGUE

Malanchuk, V. E. [Youth hardened in struggle; sketches of the young revolutionaries of the Western Ukraine] Molodost', zakalennaia v bor'be; ocherki o molodykh revoliutsionerakh Zapadnoi Ukrainy. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 110 p.

UKRAINE, WESTERN—EMBROIDERY

Type and style of West Ukrainian folk embroidery. I. O. Dobrians'ka, I. F. Symonenko. Nar. tvorch. ta etn. 3 no.2:76-83 Ap-Je '59.

UKRAINE, WESTERN—FOLKLORE

Let's collect and publish materials on the life and the art industries of the Lemki. Nar. tvorch. ta etn. 3 no.3: 147 Jl-S '59.

UKRAINE, WESTERN—HISTORY

Herbil's'kyi, H. IU. [Progressive social ideas in Galicia in the 1830's and the middle 1840's] Peredova suspil'na dumka v Halychyni; 30-i - seredyna 40-kh rokiv XIX stolittia. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 169 p.

UKRAINE, WESTERN—INDUSTRIES

Industrialization of the western provinces of the Ukrainian S.S.R. H. I. Koval'chak. Ukr. ist. zhur. 3 no.6:3-12 N-D '59.

UKRAINE, WESTERN—NATURAL RESOURCES

Vashchenko, P. T. [Natural resources of western regions of the Ukrainian S.S.R.; economic-geographical study] Pryrodni resursy zakhidnykh raioniv URSR, ekonomiko-heohrafichnyi narys. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1959. 175 p.

UKRAINE, WESTERN—SOILS

Physical and chemical properties and nutrient conditions of gley soils in western sugar beet growing areas. I. A. Heller, O. M. Dobrovol's'ka. Dop. UASHN 2 no.6:16-19 N-D '59.

UKRAINE, WESTERN—SUBVERSIVE ACTIVITIES

Intensification of the political struggle of West Ukrainian workers for the consolidation of Soviet rule, 1944-1950. I. P. Bohodyst. Ukr. ist. zhur. 3 no.6:56-66 N-D '59.

UKRAINE, WESTERN—WOOD CARVING

West Ukrainian wood carvers, the skilled producers of popular sculpture. K. K. Promenyts'kyi. Nar. tvorch. ta etn. 3 no.3:52-56 Jl-S '59.

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE

Answering our readers' questions. Ukr. mova v shkoli 9 no.6:66-69 N-D '59.

Historical periods in the development of the Ukrainian literary language. I. K. Hrytsiutenko. Ukr. mova v shkoli 9 no.6:58-63 N-D '59.

UKRAINIAN LANGUAGE—DICTIONARIES

Pohribnyi, M. I. [Accented dictionary of the Ukrainian literary language; approximately 60.000 words] Slovnyk naholosiv ukrains'koi literaturnoi movy. Blyz'ko 60 000 sliv. Za red. I. O. Varchenka. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 602 p.

UKRAINIAN LANGUAGE—GRAMMAR

How we studied "the object" in the sixth grade. M. A. Fedenko. Ukr. mova v shkoli 9 no.6:51-54 N-D '59.

UKRAINIAN LANGUAGE—STUDY AND TEACHING

Educational methods for Ukrainian language classes in normal schools. I. I. IAremenko. Ukr. mova v shkoli 9 no.6:26-29 N-D '59.

Entrance examinations in the Ukrainian language at the Lugansk Pedagogical Institute. Ukr. mova v shkoli 9 no.6:85-87 N-D '59.

Entrance examinations in the Ukrainian language at the Odessa Medical Institute. Ukr. mova v shkoli 9 no.6: 88-90 N-D '59.

An examiner's notes. Ukr. mova v shkoli 9 no.6:90-93 N-D '59.

"Experience in teaching the Ukrainian language in the secondary schools of the Ukrainian S.S.R.", a collection of articles published by the Educational Research Institute of the Ukrainian S.S.R. Reviewed by O. Parkhomenko. Ukr. mova v shkoli 9 no.6:70-74 N-D '59.

How to make the mental work of students more active. H. I. Kovtunovych. Ukr. mova v shkoli 9 no.6:46-50 N-D '59.

Some remarks apropos of the new draft of the Ukrainian language program. V. V. Zaiko. Ukr. mova v shkoli 9 no.6:55-57 N-D '59.

You should know and love your mother tongue. N. P. Kornienko. Ukr. mova v shkoli 9 no.6:36-39 N-D '59.

UKRAINIAN LANGUAGE—SYNTAX

Reviewing the syntax of double sentences in the eighth grade. O. T. Volnova. Ukr. mova v shkoli 9 [illegible] 46 N-D '59.

UKRAINIAN LANGUAGE—VERB

Romanivs'kyi, V. M. [Role and correlation of the grammatical categories of aspect and tense in the Ukrainian language of the 16th and the 17th century] [illegible] v ukrains'kii movi XVI-XVII st. [illegible] Vyd-vo Akad. nauk URSR, 1959. [illegible] p.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—COLLECTIONS

[Literary Drogobych, an almanac] Literaturna Drohobychchyna; al'manakh literaturnoho ob'iednannia pry redaktsii oblasnoi gazety "Radians'ke slovo." [Drohobych] Drohobyts'ke obl. vyd-vo, 1959. 110 p.

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Review of literary sketches. Ivan Volosh[illegible] no.12 [illegible] D '59.

Ryl's'kyi, Maksym. [A matter important to us, articles about literature] Nasha krovna sprava, statti pro literaturu. Kyiv, Derzhlitvydav, 1959. [illegible] p. (MII)

Volyns'kyi, P. K. [Theoretical struggle in Ukrainian literature, first half of the 19th century] Teoretychna borot'ba v ukrains'kii literaturi, persha polovyna XIX st. Kyiv, Derzhlitvydav, 1959. [illegible] p. (MII)

UKRAINIAN MUSIC see Music, Ukrainian

UKRAINIAN POETRY—COLLECTIONS

[Poetry Day, 1959] Den' poezii, 1959. Kyiv, Rad. pys'mennyk [1959] 140 p. (NN)

UKRAINIAN POETRY—HISTORY AND CRITICISM

Composition of lyric poems. V. P. [illegible] no.[illegible] 35 N-D '59.

Our life must be a source of inspiration [illegible] poetry." Review [illegible] no.12:154-155 D '59.

UKRAINIAN SATIRE see Satire, Ukrainian

UKRAINIANS see subdivision [illegible] Canada; United States

ULAN BATOR

Ulan Bator is the capital of [illegible] no.12:15-16 [illegible]

ULAN UDE REGION—[illegible]

Remains of sturgeon bones from [illegible] the Buryat A.S.S.R. A. [illegible] no.12:70 [illegible] '59.

ULANOVA, GALINA SERGEEVNA, 1910-

Superb performance. [illegible] D '59.

ULCERS

Auto- and homotransplantation of [illegible] trophic ulcers [illegible] English] [illegible] M. [illegible]

ULNA—DISLOCATION

Treatment of dislocation of the [illegible] ulnar joint. [illegible] 20 no.4 [illegible] Ap '59.

ULTRASONIC TESTING see subdivision under A[illegible]

ULTRASONIC WAVES

Acceleration of [illegible]

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Ultrasonic unit for [illegible] A. IA. Vladimirov. [illegible] 134-140 '59.

Using ultrasonic waves in grain [illegible] T. Oleinikov. Muk.-elev. prom. [illegible] '59.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Electron microscopic investigation of [illegible] tumor cells at early stages following a [illegible] treatment of high intensity. N. [illegible] SSSR 125 no.[illegible] My '59.

ULTRAVIOLET RAYS—INDUSTRIAL APPLICATIONS

Speeding up the drying of varnish [illegible] ultraviolet radiation. S. A. [illegible] '59.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Biochemical mutants of Aspergillus nidulans produced by ultraviolet irradiation [with summary in English]. I. K. Kasatkina. Mikrobiologiia 28 no.6:[illegible] N-D '59.

[illegible]

UNITED ARAB REPUBLIC - IRON AND STEELWORKERS

When the colonialists render "aid." [illegible] no. [illegible] Ap '60.

UNITED ARAB REPUBLIC - TECHNICAL ASSISTANCE, WEST GERMAN

When the colonialists render "aid." [illegible] no. [illegible] Ap '60.

UNITED NATIONS - ARMED FORCES

Does the United Nations need "armed forces"; on Leslie Munro's article in the journal "Foreign Affairs." [illegible] Mir. ekon. i mezhdunar. otn. no. [illegible] '60.

UNITED STATES - AERONAUTICS, COMMERCIAL

Air transportation in the United States. V. [illegible] Biul. tekh.-ekon. inform. no. 11:87-91 '60.

UNITED STATES - ALDEHYDES

Production of acetaldehyde, formaldehyde, and methanol by the oxidation of propane and butane in the United States. E. I. Kiun-Puitakaia. Biul. tekh.-ekon. inform. no. 11: 85-87 '59.

UNITED STATES - AMMONIA

Production of synthetic ammonia in the United States. A. P. Ivanov, P. M. [illegible] Biul. tekh.-ekon. inform. no. [illegible] '60.

UNITED STATES - ATOMIC SUBMARINES

Atomic power plant on the submarine "Triton" (from "Hanna," [illegible] 1960). [illegible] no. [illegible] '60.

UNITED STATES - AUTOMATION

Automation of the production of wood particle boards in the United States. I. N. Nikolaev, [illegible] Mekh. i avtom. proizv. 11 no. [illegible] '57.

UNITED STATES - BALLAST (RAILROADS)

Coating ballast with fuel oil. [illegible] no. 12:44 [illegible] '59.

UNITED STATES - BANKS AND BANKING

Perlo, Victor. [Empire of high finance. Translated from the English] Imperiia finansovykh magnatov. Moskva, Izd-vo inostr. lit-ry, 1958. 540 p.
(NR)

UNITED STATES - BOATBUILDING

Multiple-hull vessels (from "[illegible]," 1959, "The [illegible] illustrated," [illegible]) [illegible] no. [illegible] '60.

UNITED STATES - BORING MACHINERY

[illegible] M. [illegible] no. 10 [illegible] '59.

UNITED STATES - CAPITALISM

[illegible]

UNITED STATES - COAL TRADE

Unjustified hopes. M. Panov. Mezhdunar. zhizn' 7 no. 5: 124-126 My '60.

UNITED STATES - COMMERCE - RUSSIA

Patolichev, N.S. [Contribution to a favorable development of trade relations between the U.S.S.R. and the U.S.A.; a talk by the Minister of Foreign Trade of the U.S.S.R., N.S. Patolichev, with a reporter for "Pravda."] [illegible] Pravda, "[illegible] [original] 1960. 7 p.
(NR)

UNITED STATES - CONCRETE

[illegible] A. [illegible]

UNITED STATES - CONSTITUTIONAL LAW

[illegible]

UNITED STATES - CONTAINERS

[illegible]

UNITED STATES - COURTS

Judicial system of the U.S.A. and some attempts to reform it. K. Gutsenko. *Pravoved.* no. 12:[illegible] D '59.

UNITED STATES - DEFENSES

Facts. Mezhdunar. zhizn' 7 no. 5:152-157 My '60.

UNITED STATES - ECONOMIC CONDITIONS

[illegible]

[illegible]

UNITED STATES - EDUCATION

[illegible] in the United States of America. [illegible]

UNITED STATES - ELECTRONIC APPARATUS AND APPLIANCES - TESTING

Sytin, N. V. [Automatic control in the testing of electronic radio equipment, brief survey of foreign literature] Avtomatizatsiia ispytanii radioelektronnoi apparatury, kratkii obzor zarubezhnoi pechati. Moskva, Izd-vo "Sovetskoe radio," 1959. 93 p. (Radioelektronika za rubezhom)

UNITED STATES - EMIGRATION AND IMMIGRATION

How Transcarpathian folk songs describe the emigration and reemigration of workers. P. K. Smolin. Nar. tvorch. [illegible] no. 3:21 [illegible] '60.

UNITED STATES - ENSEMBLES (MUSIC)

With the "Berezka" in America (conclusion). Ekaterina [illegible] Moskva [illegible] no. 9:101-107 '60.

UNITED STATES - ETHNOLOGY

[illegible] in modern American ethnology. [illegible] no. 6:100-108 N-D '59.

UNITED STATES - FACTORIES - DESIGN AND CONSTRUCTION

[Designs of industrial buildings in foreign countries] Primery konstruktivnykh reshenii promyshlennykh zdanii za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. mat., 1959. [illegible] p. (Opyt stroitel'stva, no. 26)

UNITED STATES - FARM MECHANIZATION

Mechanized lifting and transporting operations in the agriculture of the U.S.A. [illegible] [illegible] '60.

UNITED STATES - FIELD CROPS - FERTILIZERS AND MANURES

[illegible] fertilizer usage on crop yields and [illegible] no. 12 [illegible] '59.

UNITED STATES - FINANCE

[illegible] of the nation. M. Pollitov. [illegible] no. 5:[illegible] My '60.

Perlo, Victor. [Empire of high finance. Translated from the English] Imperiia finansovykh magnatov. Moskva, Izd-vo inostr. lit-ry, 1958. 540 p.
(NR)

UNITED STATES - FOOD ADDITIVES

[illegible] for meat products [illegible] Mias. ind. [illegible]

UNITED STATES - FOREIGN ECONOMIC RELATIONS

[illegible] standard of living. [illegible] My '60.

UNITED STATES - FOREIGN RELATIONS - ASIA

[illegible] to United [illegible] My '60.

UNITED STATES - FOREIGN RELATIONS - CUBA

[illegible] Ap '60.

[illegible] 24-25 My '60.

UNITED STATES - FOREIGN RELATIONS - JAPAN

[illegible] people. [illegible] no. 5 [illegible] M. [illegible]

A realistic appraisal of Japan's situation and its military alliance with the United States. V. [illegible] Mezhdunar. zhizn' 7 no. 5:59-67 My '60.

UNITED STATES - FOREIGN RELATIONS - KOREA, SOUTH

[illegible]

UNITED STATES - FOREIGN RELATIONS - LEBANON

Uninvited guests. V. Grigor'ev. Mezhdunar. zhizn' 7 no. 5:121 My '60.

UNITED STATES - FOREIGN RELATIONS - RUSSIA

[illegible] the cause of peace. [illegible] no. [illegible] 12-14 My '60.

[illegible] life. [illegible] Iskusstvo kino no. 1:[illegible] Ja '60.

[illegible] of the world. Komm. Bel. 33 no. 11:8-11 N '59.

[illegible] of peace and friendship. [illegible] no. 11 [illegible] '59.

How the film "N. S. Khrushchev in America" was filmed. [illegible] Moskva 3 no. 11:23 [illegible] '59.

[illegible] V. Nikitin. [illegible]

Ivanov, N. V. [Thirteen days in September] 13 dnei sentiabria. Moskva, Izd-vo "Pravda," 1960. 47 p. (Biblioteka "Ogonek," no. 13)

"Let's live in peace and friendship!" [illegible] 13 [illegible]

"Let's live in peace and friendship." Reviewed by [illegible] no. 12 [illegible] '59.

[illegible] Kryl. rod. [illegible] D '59.

Mission of peace. V. Pashkov. [illegible] 36 no. 11: [illegible] N '59.

Mission of peace and friendship. Vitalii Voitko. Dnipro 33 no. 12:[illegible] D '59.

Moscow-Washington-Moscow. K. Malkhasian. Kryl. rod. 10 no. 12:[illegible] D '59.

"N. S. Khrushchev in America." Kinomekhanik no. 12:3 of cover D '59.

N. S. Khrushchev in America. Nikolai Gribachev. Mosk. 3 no. 11:20-28 '59.

Powerful weapon in our struggle for peace. K. [illegible] Komm. Ukr. 35 no. 11:30-31 N '59.

Remarkable triumph of the peaceful policy of the Soviet Union. Komm. Ukr. 35 no. 11:1-10 N '59.

A story about the thirteen days in September. B. Ivanov. Ogonek 38 no. 1:2-3 Ja '60.

Such is the will of our peoples ("Let's live in peace and friendship; visit of N. S. Khrushchev, Chairman of the Council of Ministers of the U.S.S.R. to the United States of America." Reviewed by V. Ivanov). Lenin. Mold. [illegible] no. 11:73-75 N '59.

Visit of good will. Iskusstvo 33 no. 10:3 '59.

Voice of the average American. N. Mikhailov. Ogonek 37 no. 52:4-5 D '59.

Young America applauds. Smena 37 no. 1:11 Ja '60.

UNITED STATES - GASES - ABSORPTION

Conditions for the efficient operation of adsorbers (U.S. Patent No. 2,905,129). Kislorod 13 no. 6:[illegible] '59.

UNITED STATES - GASOLINE

New methods for refining gasoline. N. Pinigin. Neftianik 4 no. 12:12 D '59.

UNITED STATES - GEOGRAPHY - STUDY AND TEACHING

Teaching geography in the United States of America. Preston James, Jack [illegible] Geog. v shkole 22 no. 6: 55-58 N-D '59.

UNITED STATES - HARDBOARDS

Automation of the production of wood particle boards in the United States. I. N. Nikolaev, E. V. Savelova. Mekh. i avtom. proizv. 11 no. 11:50-55 D '59.

UNITED STATES - INVESTMENTS, BRITISH

British capital in the United States. R. Sergeev. Mir. ekon. i mezhdunar. otn. no. 5:134-137 My '60.

UNITED STATES - IRRIGATION FARMING

Irrigation in the humid zone of the United States. I. I. Dukerin. Gidr. i mel. 11 no. 12:[illegible] D '59.

UNITED STATES - JOURNALISM

"America will never be the same." A. Vishnevskii. Sov. pech. no. 12:104-105 D '59.

UNITED STATES - LABOR AND LABORING CLASSES

The journal "Current History" and the labor movement in the United States. I. Velichanskii. Mir. ekon. i mezhdunar. otn. no. 5:126-129 My '60.

UNITED STATES - LIQUEFIED GASES - TRANSPORTATION

Apparatus for storing and shipping liquefied gases (U.S. Patent No. 2,863,300). Kislorod 12 no. 6:[illegible] '59.

UNITED STATES - LIQUID AIR

New fields for the application of air separation products (from "Modern metals," 14, no. 7, 1958). Kislorod 11 no. 6:[illegible] '58.

UNITED STATES - MEAT INDUSTRY

Foreign patents. Mias. ind. SSSR 30 no. 6:59 '59.

Newest developments in the expansion of the meat industry in the United States. Mias. ind. SSSR 30 no. 6:50-57 '59.

UNITED STATES - MEDICAL RESEARCH

Impressions from a trip to the U.S.A. S. V. Anichkov, V. V. Zakusov, V. B. Rusinov. Vest. AMN SSSR 14 no. 12: 42-53 '59.

UNITED STATES - METHANOL

Production of acetaldehyde, formaldehyde, and methanol by the oxidation of propane and butane in the United States. E. I. Kiun-Puitakaia. Biul. tekh.-ekon. inform. no. 11: 85-87 '59.

UNITED STATES - MICROBIOLOGICAL RESEARCH

Scientific institutions for the investigation and study of antibiotics in the United States. G. K. Skriabin. Izv. AN SSSR. Ser. biol. 24 no. 6:935-943 N-D '59.

UNITED STATES - MOTION-PICTURE PLAYS

Despair or hope? R. Iurenev. Ogonek 38 no. 1:27 Ja '60.

UNITED STATES - NAVY

Uninvited guests. V. Grigor'ev. Mezhdunar. zhizn' 7 no. 5:121 My '60.

UNITED STATES - OIL FIELDS - PRODUCTION METHODS

Pilot plant exploitation of an oil strata by combustion drive. A. K. Azekh, V. P. Shchenko. Neft. i gaz. ugl. no. 4:[illegible] '59.

Production techniques in foreign countries. Neftianik 3 no. 9:34-35 S '58.

We shall overtake America in petroleum production. Z. A. Mkrtanov. Agitator no. 1:63-65 Ja '60.

UNITED STATES—OIL WELL CEMENTING
Device for oil well cementing. Neftianik 3 no.10:35 O '58

UNITED STATES—OIL WELLS—EQUIPMENT AND SUPPLIES
Automatically packing gland cups. P.M.Gref. Neftianik 4 no.8:15 Ag '59.

UNITED STATES—ORE DRESSING
Combination process in crushing machines at low revolution rates and a reduced ball load (from "The Canadian Mining and Metallurgical Bulletin" no.556, 1958) I. A. Glazunov. Tsvet.met. 32 no.12:91-92 D '59.

UNITED STATES—PAVEMENTS—TESTING
Testing road pavements in construction yards in the United States. A.M.Krivinskii. Avt.dor. 22 no.12:25-28 D '59.

UNITED STATES—PETROLEUM INDUSTRY
Technical methods used in foreign countries. Neftianik 4 no.11:34 N '59.

UNITED STATES—PIPE—WELDING
Field welding of large diameter pipes. Stroi.truboprov. 4 no.9:30-31 S '59.

UNITED STATES—PLANING HULLS
Ship with underwater wings and a gas turbine plant (from "Diesel Progress," no.5, 1959). Sudostroenie 25 no.11:67 N '59.

UNITED STATES—PLANT DISEASES
Losses from plant diseases in the U.S.A. B.I.Rukavishnikov. Zashch.rast.ot vred.i bol. 4 no.3:51-53 My-Je '59

UNITED STATES—POLITICS AND GOVERNMENT
Apology of the "constitutional revolution" in the theoretical studies of constitutional law in the U.S.A. A.M. Bel'son. Izv.vys.ucheb.zav.; prav. 3 no.4:50-59 '59.
Political mood in the United States. Joseph North. Mezhdunar.zhizn' 7 no.5:39-48 My '60.

UNITED STATES—POULTRY INDUSTRY
Processing of poultry in the United States. N. Kondratiuk. Mias.ind SSSR 30 no.2:60-61 '59

UNITED STATES—RACE DISCRIMINATION
Are U.S. workers equally paid for the same work. K.Klimov. Otv.na vop.trud. no.92:34-39 '58.
Shlepakov, A.M. [Race and national discrimination in the U.S.A.] Rasova i natsional'na dyskryminatsiia v SShA. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.3, no.5)

UNITED STATES—RACE QUESTION
Is it true that there is no national oppression in America? A.Zlobin. Otv.na vop.trud. no.100:38-44 '59.

UNITED STATES—RAILROADS
From abroad. Avtom.telem.i sviaz' 3 no.12:43-44 D '59

UNITED STATES—RAILROADS—ROLLING STOCK
New locomotives and cars (from "Mechanical Engineering"). Zhel.dor.transp. 41 no.12:83-85 D '59

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA
American trade unionists in Moscow. Nov.vrem. 18 no.20:17 My '60
American trip of Soviet economists. V.A.Vinogradov. Vest.AN SSSR 30 no.4:130-134 Ap '60.
March of the millions. Belarus' 16 no.11:1-2 N '59.
On the road of friendship and cooperation. Isk.kino no.1:120 Ja '60.
True art is our common language. Isk.kino no.1:121 Ja '60.

UNITED STATES—RICE
Money and friendship don't mix. L.Liakhovetskii. Sovr. Vost. no.4:63 Ap '60.

JNITED STATES—ROCKET RESEARCH
Planned lunacy. Nov.vrem. 18 no.17:26 Ap '60.

JNITED STATES—ROCKETS (ORDNANCE)
Location of U.S. Air Force rocket bases ("Strategic air command" by R.G.Hubler. Reviewed by B.O.Tumkovskii). Vest.Vozd.Fl. no.12:86-89 D '59.
Stumbling in space. A.Serbin. Ogonek 37 no.52:20-21 D '59

NITED STATES—SECURITIES
Fictitious capital (securities) in the U.S.A. after the Second World War. M.Volkov. Nauch.dokl.vys.shkoly; ekon.nauki no.4:117-128 '59.

UNITED STATES—SOCIAL CONDITIONS
With the "Beryozka" in America (conclusion). Ekaterina Sheveleva. Moskva 3 no.8:181-197 '59.

UNITED STATES—SOIL RESEARCH
Effect of continuous fertilizer usage on crop yields and soil properties. L. S. Liubarskaia. Ud.i ur. 4 no.12:[illegible]-57 D '59

UNITED STATES—STANDARDS, ENGINEERING
The U.S. Federal Standards. Standartizatsiia 23 no.12:51-52 D '59.

UNITED STATES—STEEL—ANALYSIS
New results in the analysis of steel by means of the quantovac instrument (report). S.M.Raiskii. Zav.lab. 25 no.12:1515-1530 '59.

UNITED STATES—STEEL—HARDENING
Hardening manganese steel with explosives. Put' i put.khoz. no.12:11 D '59

UNITED STATES—STRIKES AND LOCKOUTS
Why U.S. workers strike and their real right to do so. V.Andronov. V pom.polit.samoobr. 3 no.12:60-64 D '59

UNITED STATES—STRIKES AND LOCKOUTS—COPPER MINES AND MINING
The [International] Union of Mine, Mill and Smelter workers doesn't give up easily. Vsem.prof.dvizh. no.4:30-31 Ap '60.

UNITED STATES—SUBWAYS—AIR CONDITIONING
Air conditioning in subway trains. I.Gol'dshtein. Zhil.-kom.khoz. 9 no.12:41 '59.

UNITED STATES—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
Patents: centrifugal washing equipment (from "The International Sugar Journal," Nov. 1958). Sakh.prom. 33 no.12:61 D '59

UNITED STATES—TANK VESSELS
Supertanker "Princess Sophia" (from "Marine Engineering/Log," no.5, 1959). Sudostroenie 25 no.11:66-67 N '59.

UNITED STATES—TRADE UNIONS
American trade unionists in Moscow. Nov.vrem. 18 no.20:17 My '60

UNITED STATES—UKRAINIANS
Shlepakov, A.M. [Ukrainian labor emigration to the U.S.A. and Canada, the end of the 19th and the beginning of the 20th century] Ukrains'ka trudova emigratsiia v SShA i Kanadi, kinets' XIX-pochatok XX st. Kyiv, Vyd-vo Akad.nauk URSR, 1960. 198 p.
(NN)

UNITED STATES—UNEMPLOYED
An evil necessary to capitalism. I.Nazarenko. Mezhdunar.zhizn' 7 no.5:75-86 My '60.
The unemployed march on Washington. Harry Evans. Vsem.prof.dvizh. no.12:11 D '59
Unemployment in the U.S.A. after the Second World War. M.Gottsalt. Sots.trud no.12:50-61 D '58

UNITED STATES—WAGES
Are U.S. workers equally paid for the same work. K.Klimov. Otv.na vop.trud. no.92:34-39 '58.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES
(see also subdivision under China; Leningrad, Moscow)
Some problems relating to the termination of labor agreements with university teachers. V.N.Smirnov. Izv.vys.ucheb.zav.; prav. 3 no.4:112-115 '59

UNIVERSITIES AND COLLEGES—EXAMINATIONS
Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Recommended test themes for correspondence institutions of higher learning and correspondence faculties and departments of institutions of higher learning] Tematika kontrol'nykh i kursovykh rabot po politicheskoi ekonomii dlia zaochnykh vysshikh uchebnykh zavedenii, zaochnykh fakul'tetov i otdelenii vuzov. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 39 p.

URACIL
Severe case of lymphogranulomatosis successfully treated with dopan [with summary in English, p.57]. E.V.Poslavskii, I.M.Lekakhov. Probl.gemat.i perel. krovi 4 no.12:45-46 D '59

URAL MOUNTAIN REGION—BAUXITE—ACCOUNTING
Organization of accounting and brigade business accounting in a bauxite mine. F.Kas'ian. Bukhg.uchet 18 no.11:5-7 N '59.

URAL MOUNTAIN REGION—CITIES AND TOWNS
Ortupan city and city of life. V.Chalmaev. Oktiabr' 36 no.11:161-172 N '59

URAL MOUNTAIN REGION—DAMS
Construction and reconstruction of dams in the Urals. S.El'iasberg. Ekon.stroi. no.12:56-61 D '59.

URAL MOUNTAIN REGION—FOLK SONGS
Folk love lyrics of the prerevolutionary Ural Mountains; a study of regional folklore. V.A.Vruoskaia. Uch.zap. Sver.gos.ped.inst. no.15:3-39 '57.

URAL MOUNTAIN REGION—GRASSES
Promising perennial grasses for cultivation in the forest steppe of the trans-Ural region. P.V.Lebedev. Trudy Bot.inst.Ser. 6 no.7:225-230 '59.
Study of some Alpine and forest grasses in [illegible] A.M. Ov[illegible] Trudy Bot.inst. [illegible] 221 '59

URAL MOUNTAIN REGION—MINING ENGINEERING
Joint session of the Urals Branch of the Academy [illegible] of the U.S.S.R. and [illegible] I.I.Romanov. [illegible] 127-128 '59.

URAL MOUNTAIN REGION—OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR
Repairing open-hearth furnaces. N.A. [illegible] 1 no.1:20-22 Ja '60

URAL MOUNTAINS—APATITE
[illegible] A.I. [illegible]

URAL MOUNTAINS—BRACHIOPODA, FOSSIL
Data on [illegible] of the western [illegible]

URAL MOUNTAINS—COPPER METALLURGY
[illegible]

URAL MOUNTAINS—COPPER ORES
An [illegible]
Investigating shaft furnace [illegible] copper ores. N.P. [illegible] UFAN [illegible]

URAL MOUNTAINS—COPPER SULFIDES
Copper sulfide [illegible] P.K. [illegible]

URAL MOUNTAINS—GEOLOGY
[illegible]

URAL MOUNTAINS—[illegible]
[illegible]

URAL MOUNTAINS—ORE [illegible]
[illegible]

URAL MOUNTAINS—PYRITES
[illegible]

URAL MOUNTAINS—ROCKS, [illegible]
[illegible]

URAL'SK—DESCRIPTION
[illegible]

URAL'SK—SPORTS
[illegible]

URANIUM
(see also subdivision under Australia)
Distribution of U, Th, [illegible]
New foreign works on the geology of uranium [illegible]
Occurrence of [illegible]

URANIUM—ISOTOPES
On the reliability of [illegible]

URANIUM—TOXICITY
Toxicity of a complex [illegible] [with summary in English]. [illegible]

URANIUM COMPOUNDS
Solubility of [illegible]

URANIUM ORES

Problems in the mineralogy and geochemistry of some sedimentary uranium ore occurrences. I. G. Chentsov. Trudy [illegible] no.28:44-82 '59.

Use of statistical analysis in prospecting for uranium deposits. D. IA. [illegible]. Atom. energ. 8 no.5: 416-418 My '60.

URANIUM ORES—ANALYSIS

Radiometric analysis of ores on conveyers. I. N. Plaksin, S. I. Babichenko, R. A. [illegible]. Atom. energ. 8 no.5: 429-430 My '60.

URANYL NITRATE

The system $UO_2(NO_3)_2$ — ethylenediaminetetraacetic acid — water, studied by the solubility method. A. I. [illegible], I. D. Smirnova, N. A. Nikol'skaia. Zhur. neorg. khim. 4 no.11:2621-2629 N '59.

URDU LANGUAGE—WORDS

Akademiia nauk SSSR. Institut vostokovedeniia. [Hindi and Urdu, problems in lexicology and word formation] Khindi i urdu, voprosy leksikologii i slovoobrazovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1960. 446 p.

UREA

Determination of a paraffin hydrocarbons by the urea method. V. V. [illegible]. Khim. i tekh. topl. i masel 5 no.1:47-53 Ja '60.

Diuretic effect of promeran; preliminary communication [with summary in English]. P. I. Mishchenko, A. I. Povinskaia. Sov. med. 23 no.12:99-104 D '59.

New complexes formed by tetrachlorides and thioureas [in Georgian with summary in Russian]. I. M. [illegible]. Trudy Inst. khim. AN Gruz. SSR 14:131-140 '59.

Some considerations concerning the formation of the composition of a carbamide complex. P. I. [illegible], V. V. [illegible], M. I. [illegible]. [illegible] '59.

URETERS—SURGERY

Reconstruction of the lower third of the ureter from a bladder flap according to Boari [with summary in English]. IU. A. Pytel'. Vest. khir. 84 no.1:60-65 [illegible]

URETHRA

Urethral reflexes evoked from the urinary bladder in cats after spinal cord removal [with summary in English]. B. B. Kolaev and others. Fiziol. zhur. SSSR 45 no.7:840-847 Jl '59.

URGUTA DISTRICT—THEATER

Now we have a popular theater in our village. IA. Melikov. Agitator no.21:46 D '59.

URINE

Some age characteristics of the effect of the [illegible] pituitary [illegible] weight [illegible] in white rats [with summary in English]. [illegible] Dop. AN URSR no.11:[illegible] '59.

URINE—ANALYSIS AND PATHOLOGY

Urine color [illegible] in gastro-intestinal diseases in children. [illegible] Vop. okh. mat. i det. 4 no.6:[illegible] N-D '59.

Qualitative analysis of [illegible]. Lab. delo 6 no.1:[illegible] Ja-F '60.

Tungsten method of determining [illegible] in urine. I. A. [illegible]. Lab. delo 6 no.1:[illegible] Ja-F '60.

URINE—SECRETION

Influence of Tashkent mineral water [illegible] healthy dogs. A. [illegible]. Izv. AN Uz. SSR. Ser. med. no.6:30-34 '59.

URITSKOYE DISTRICT—FARM MECHANIZATION—STUDY AND TEACHING

The first graduating class. I. [illegible]. Sel'. mekh. no.12: 6 '59.

URUGUAY—ECONOMIC CONDITIONS

Struggle for peace and social progress in Uruguay. Enrique Pastorino. Vsemir. prof. dvizh. no.6:16-19 Je '59.

URUGUAY—LABOR AND LABORING CLASSES

Struggle for peace and social progress in Uruguay. Enrique Pastorino. Vsemir. prof. dvizh. no.6:16-19 Je '59.

URUP REGION (CAUCASUS, NORTHERN)—CHALCOPYRITE

Intrusive rocks in the Urup copper-pyrite deposits in the northwestern Caucasus. I. IA. Baranov, V. V. [illegible]. Izv. vys. ucheb. zav.; geol. i razv. 2 no.8:61-69 Ag '59.

URUP REGION (CAUCASUS, NORTHERN)—GAS, NATURAL—GEOLOGY

Geology and geochemistry of natural gases in Urup copper pyrite deposits (Northern Caucasus). A. I. Fridman. Izv. vys. ucheb. zav.; geol. i razv. 2 no.8:74-[illegible] '59.

USPENSKII, GLEB IVANOVICH, 1843-1902

"G. I. Uspenskii's craftsmanship" by N. Sokolov. Reviewed by A. Nikitina. Zvezda no.1:218-219 Ja '60.

UST'-KAMENOGORSK—AUTOMATION

Developing over-all automation. K. Vikano. NTO no.11:16 N '59.

UST'-KAMENOGORSK—LEAD INDUSTRY

Cooperation between men and science and production. A. Okontalnikov. Nar. khoz. Kazakh. no.12:20-26 D '59.

Mechanization and automatization of lead-forming processes. IU. M. Burdakov, T. I. Polepanov. Mekh. i avtom. proizv. 13 no.12:29-30 D '59.

What hinders the over-all mechanization and automation of our plant. I. Kozlov. Part. zhizn' Kazakh. 28 no.6: 15-16 Je '59.

UST'-KAMENOGORSK—MINING RESEARCH

For production. A. Okontalnikov. NTO no.11:30 N '59.

Studying and teaching. V. Lel'chuk, V. Shevygina. NTO no.11:40 N '59.

Technological study room. B. Chernolovskii. NTO no.11:47 N '59.

UST'-KAMENOGORSK—SOCIALIST COMPETITION

The shift is striding toward the future. IU. Il'iashenko. Nar. khoz. Kazakh. no.11:75-76 N '59.

UST'-KAMENOGORSK—TECHNOLOGICAL INNOVATIONS

Groups with initiative. A. Popov. NTO no.11:38-39 N '59.

UST'-KAMENOGORSK—ZINC INDUSTRY

Cooperation between men and science and production. A. Okontalnikov. Nar. khoz. Kazakh. no.12:20-26 D '59.

UTERUS

On the problem of action potentials in myometry. Attempt at interpreting electrohysterographic data obtained on materials of [illegible] clinical conditions. J. Gramont and others. Akush. i gin. 35 no.6:40-46 N-D '59.

Studying the regenerative ability of uterine walls in white rats [with summary in English]. I. G. Mikhailova, I. I. [illegible]. Vest. LGU 15 no.9:122-135 '60.

UTERUS—ABNORMITIES AND DEFORMITIES

Simultaneous pregnancy and labor in a woman with a double uterus. A. A. Krupen'. Zdrav. Belor. 5 no.12: 50 D '59.

UTERUS—BACTERIOLOGY

Microflora of the vagina and cervix uteri in women using gramicidin locally as a contraceptive agent. L. IA. [illegible]. Akush. i gin. 35 no.6:14-17 N-D '59.

UTERUS—BLOOD SUPPLY

Development of collaterals and changes in functional indexes of the uterus following excision of its nutrient vessels [with summary in English]. T. V. Koturiauh. Arkh. anat., gist. i embr. 37 no.11:84-90 N '59.

UTERUS—CANCER

Determining the coefficient of polarization in cancerous tumors of the uterus. N. V. Burdakova. Nauch. dokl. vys. shkoly; biol. nauki no.4:178-181 '60.

UTERUS—DISPLACEMENTS

Prolapsus of uterine [illegible] arising after sutures of perineal tears. [illegible]. Vop. okh. mat. i det. 4 no.6:[illegible] N-D '59.

UTERUS—INNERVATION

Characteristics of the structure and distribution of ganglionic formations in uterine nerves. I. V. Aleksandrova. Arkh. anat. gist. i embr. 37 no.10:80-81 O '59.

UTERUS—TUMORS

Functional state of the blood coagulation system in uterine fibromyomas [with summary in English]. V. V. Chernata. Akush. i gin. 35 no.6:75-79 N-D '59.

Piraskova, M. D. [Polyps of the uterus] Polipy matki. Moskva, Medgiz, 1958. 61 p. (Biblioteka prakticheskogo vracha)
(DNLM)

UTOCHKIN, SERGEI ISAEVICH, 1874-1916

First plane designed by Sergei Utochkin. M. Liakhovetskii. Grazhd. av. 16 no.12:24 D '59.

UZBEK LANGUAGE—DIALECTS

Basic dialect in the formation of the Uzbek national language. V. V. Reshetov. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:22-35 '58.

The study of Uzbek national dialects, its results and objectives. Sh. Shaabdurakhmanov. Trudy Inst. lit. i iaz. AN Azerb. SSR 12:100-104 '58.

UZBEK LANGUAGE—DICTIONARIES—RUSSIAN

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut iazyka i literatury. [Uzbek-Russian dictionary] Uzbeksko-russkii slovar'. Svyshe 40 000 slov. Glav. red. A. K. Borovkov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei. 1959. 839 p.

UZBEKISTAN—AGRICULTURAL LAWS AND LEGISLATION

Basic principles of the draft agricultural and irrigation code of the Uzbek S.S.R. Kh. A. Bek-Bulatov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:53-56 '59.

Notes on the draft agricultural and irrigation code of the Uzbek S.S.R. Sh. A. Alieva. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:56-60 '59.

UZBEKISTAN—AGRICULTURAL MACHINERY INDUSTRY

Shortcomings in the organization of workers' wages in Uzbek enterprises manufacturing agricultural machinery. M. P. Tokareva. Izv. AN Uz. SSR. Ser. obshchestv. nauk no.4:39-45 '59.

UZBEKISTAN—AGRICULTURE

Akademiia nauk Uzbekskoi SSR. Tashkent. Sovet po izucheniiu proizvoditel'nykh sil. [Materials on the productive forces of Uzbekistan] Materialy po proizvoditel'nym silam Uzbekistana. Tashkent.
No. 13. [Agricultural problems of southwestern Uzbekistan] Voprosy sel'skogo khoziaistva IUgo-Zapadnogo Uzbekistana. 1959. 367 p.
[MICROFILM]

UZBEKISTAN—BIBLIOGRAPHY

Bibliography of literature on archaeology, history, ethnology, philosophy and law of Uzbekistan published in 1957. B. V. Lunin. Izv. AN Uz. SSR. Ser. obshchestv nauk no.4:67-70 '59.

UZBEKISTAN—CIVIL LAW

Basic principles of the draft civil code of the Uzbek S. S. R. F. Kh. Saifullaev. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:31-36 '59.

UZBEKISTAN—CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Conveyer assembly lines in Uzbekistan clothing factories. A. IA. Dzhafarova, N. G. Shutova. Shvein. prom. no.6: 16-19 N-D '59.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Effective methods of propaganda. G. Nadzhimov. Agitator no.23:22-24 D '59.

UZBEKISTAN—COTTON PICKING

Winged dreams of Tursunoi. M. Kur'ianov. Agitator no.23:36-39 D '59.

UZBEKISTAN—CRIMINAL LAW

Basic principles of the draft criminal code of the Uzbek S.S.R. D. Akhmedov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:28-30 '59.

Notes on the draft criminal code of the Uzbek S.S.R. A. Kh. Hamdiev. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:23-27 '59.

UZBEKISTAN—DOMESTIC RELATIONS

Basic principles of the draft domestic relations code of the Uzbek S.S.R. U. Ibragimov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:37-41 '59.

Notes on the draft domestic relations code of the Uzbek S.S.R. T. A. Atabov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:42-44 '59.

UZBEKISTAN—ECONOMIC CONDITIONS

Thanks to Lenin! [with English summary in insert]. Sharaf Rashidov. Sov. Vost. no.4:4-9 Ap '60.

We commend the Uzbek people. Agitator no.23:2 D '59.

UZBEKISTAN—EDUCATION

Principal stages in the development of public education in the Uzbek S.S.R. R. Sharafutdinova. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no.5:61-68 '59.

UZBEKISTAN—EDUCATION, HIGHER

The training of specialists and the organization of higher educational organization of higher education in Uzbekistan during the first five-year plan. R. Kh. Karimov. Ist. SSSR 3 no.6:10-29 N-D '59.

UZBEKISTAN—FAMILY

Latob Radzhabova. A. Rozanov. Sem'ia i shkola 13 no.3:4-6 Mr '59.

UZBEKISTAN—FERTILIZERS AND MANURES

Possibilities for increasing the production and effectiveness of fertilizers in Uzbekistan. G. P. Popov. Ud. i ur. 4 no.11:29-34 N '59.

UZBEKISTAN—FOLDS (GEOLOGY)

Formation of local folds in the Sarytash-Dzharkak gentle anticline. A. Umarov. Dokl. AN Uz. SSR no.11:25-28 '59.

UZBEKISTAN—FORAGE PLANTS

Some results of work in introducing wild forage plants in deserts of Uzbekistan. V. A. Burygin. Trudy Bot. inst. Ser. 6 no.7:238-240 '59.

Transpiration and cell sap concentration of some forage plants in the deserts of Uzbekistan. Z. Sh. Shamsutdinov. Fiziol. rast. 6 no.6:735-736 N-D '59.

UZBEKISTAN—FOREST MANAGEMENT

In the Central Committee of the Communist Party of Uzbekistan and the Council of Ministers of the Uzbek S.S.R. "For better forest management and conservation of natural resources in Uzbekistan." Les. khoz. 12 no.12:8-9 D '59.

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Characteristics of lower Cretaceous reservoir rocks in the Dzharkak and Karaulbazar-Sarytash oil and gas fields. S P Korsakov. Razved. i okh nedr 25 no. 10 18-23 O '59

UZBEKISTAN—HANDICRAFT

From the history of the study of handicraft in prerevolutionary Uzbekistan. Isa Dzhabbarov. Krat. soob. Inst. etn. no. 32·74-84 '59.

UZBEKISTAN—IRRIGATION LAWS

Basic principles of the draft agricultural and irrigation code of the Uzbek S. S. R. Kh. A. Bek-Bulatov. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5 53-56 '59.

Notes on the draft agricultural and irrigation code of the Uzbek S. S. R. Sh. A. Alieva. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5 58-60 '59.

UZBEKISTAN—JOURNALISM

Great friendship I Rakhimov Sov pech no 12 64-65 D '59

UZBEKISTAN—LABOR LAWS AND LEGISLATION

Basic principles of the draft labor code of the Uzbek S.S.R. S. E. Avrukh. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5·46-52 '59.

UZBEKISTAN—LAW

"Study on the history of the Soviet state and Uzbek law." Reviewed by S. A Pokrovskii. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5·67-68 '59.

UZBEKISTAN—LAW—CODIFICATION

Basic problems in the codification of the law of the Uzbek S. S. R. Kh. S. Sulaimanova. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5 13-22 '59

UZBEKISTAN—LOESS

Committee on the study of loess in Uzbekistan. G. A. Mavlianov Biul. Kom chetv per no. 23·115 '59.

UZBEKISTAN—PETROLEUM GEOLOGY

Characteristics of lower Cretaceous reservoir rocks in the Dzharkak and Karaulbazar-Sarytash oil and gas fields. S. P. Korsakov. Razved. i okh. nedr 25 no. 10· 18-23 O '59

UZBEKISTAN—PLANETARIA

Traveling planetarium. T. Narimov. Agitator no. 23:41-42 D '59.

UZBEKISTAN—POLITICS AND GOVERNMENT

"Study on the history of the Soviet state and Uzbek law." Reviewed by S. A. Pokrovskii. Izv. AN Uz. SSR. Ser. obshchestv. nauk. no. 5:67-68 '59.

UZBEKISTAN—POSTERS

Political poster is a forceful weapon of the party. F IUnusov. Agitator no. 23:32-33 D '59.

UZBEKISTAN—REVOLUTION, 1917-1921

New study on the history of the October Revolution in Uzbekistan ("The October Revolution in Uzbekistan" by Kh. Sh. Inoiatov Reviewed by V. IA. Nepomnin, Z. R. Nuriddinov). Izv. AN Uz SSR. Ser. obshchestv nauk no 6:41-43 '59.

UZBEKISTAN—ROTATION OF CROPS

Erroneous opinions of supporters of crop rotation within brigade-tended areas. D. Solov'ev. Khlopkovodstvo 9 no. 12:10-14 D '59.

UZBEKISTAN—SALTS

Study of the salt deposits of Uzbekistan. N. F. Poiarkov, M. K. Faiziev. Uzb. khim. zhur. no 6 83-84 '59.

UZBEKISTAN—SERICULTURE

Development of silkworm breeding in southwestern Uzbekistan Z M Akramov Izv AN Uz SSR. Ser. obshchestv. nauk no 6 9-16 '59

UZBEKISTAN—SILK MANUFACTURE

Prevention of occupational diseases of the hand among workers of silk spinning plants. V. N. Kochergin. Fel'd. i akush. 25 no. 1:21-25 Ja '60.

UZBEKISTAN—SOCIALIST COMPETITION

Movement of production innovators during the years of the completion of the building of communism from the history of socialist competition in the industry of Uzbekistan. L. G. Teteneva. Izv AN Uz. SSR Ser obshchestv. nauk no. 6·17-22 '59

UZBEKISTAN—STONE AGE

Works of the paleolithic detachment in 1958. A. P. Okladnikov. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 4:55 '58.

UZBEKISTAN—THEATER

Teatral'noe obshchestvo Uzbekskoi SSR. [The Khamza Uzbek State Drama Theater] Gosudarstvennyi ordena Lenina akademicheskii Uzbekskii teatr dramy imeni Khamzy. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1957. 232 p.

UZBEKISTAN—WOMEN AS FARMERS

Winged dreams of Tursunoi. M. Kur'ianov. Agitator no. 23:36-39 D '59

UZGEN—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological works in southern Kirghizistan in 1956. IU. A. Zadneprovskii. Krat soob. IIMK no. 76·63-72 '59

VACATION SCHOOLS

We are organizing effectively students summer vacations. V. Zhavoronkov and others. Nar. obr. no. 5 insert· 1-16 My '60.

VACATIONS

School vacations. Nach. shkola 27 no. 12:89 D '59.

Vacations, vacations. Zdorov'e 6 no. 1.20 Ja '60

VACCINES

Preparation of autovaccine with the use of the bactericidal factors of fish liver oil. T. B. Gorgiev. Lab. delo 6 no. 1:43-44 Ja-Fe '60.

VACUUM

Making castings by the method of vacuum suction. A A Ridnyi Lit proizv no 12 12-13 D '59

VACUUM—MEASUREMENT

Manometers for measurements of a superhigh vacuum. Part 2. A. M Grigor'ev Prib i tekh eksp. no. 6·10-13 N-D '59

Measurement of a superhigh vacuum. Part I (review). L Paty. Prib i tekh eksp no 6·3-10 N-D '59.

VACUUM APPARATUS

Hydrogen-inflow apparatus. E. T. Kucherenko, O. K. Nazarenko. Prib i tekh eksp. no. 6·124-125 N-D '59

Time for filling vacuum tanks. M. M. Korunov, T. V. Tikhonova. Nauch. dokl. vys. shkoly. lesoinzh. delo no. 2:142-145 '59.

VACUUM METALLURGY

Effect of vacuum on changes in critical temperatures, structure and chemical composition of cast iron. V. P. Chernobrovkin, V. S. Beliaev, A. A. Dobryden'. Fiz. met. i metalloved. 8 no. 5:747-751 N '59.

Electrometallurgical vacuum furnace with device for the charging of specimens without disturbing the vacuum. G. A. Feklistov. Trudy LIEI no. 28.125-126 '59.

Furnaces for heat treatment in vacuum. I. V. Salli. Prib. i tekh eksp. no 6·128-129 N-D '59

Reduction of copper ferrate with graphite. N. M. Stafeeva and others. Fiz. met. i metalloved. 8 no. 5:740-746 N '59.

Sintering of tungsten-titanium-cobalt hard alloys in vacuum. G. V. Samsonov. Metalloved. i term. obr. met. no. 1·25-29 Ja '60.

VACUUM PUMPS

Investigating the performance of the VN-120 vacuum-pump. V. D. Lubenets and others. Izv. vys. ucheb. zav. ; mashinostr. no. 4:166-171 '59.

Slip coefficient for two-stage piston vacuum pumps. E. S Frolov. Izv. vys. ucheb. zav. ; mashinostr. no. 4: 20-24 '59.

VAGINA—BACTERIOLOGY

"Microbiology of the vagina and trichomoniasis of the sex organs" by O. Irovets and others. Reviewed by IU. Kh. Teras. Akush. i gin. 35 no. 6 114-115 N-D '59.

Microflora of the vagina and cervix uteri in women using galascorbin locally as a contraceptive agent. L. IA. Gorpinenko. Akush. i gin. 35 no. 6:13-17 N-D '59.

VAGUS NERVE—SURGERY

Influence of one-sided vagotomy on the growth of a tumor developing during a changing concentration of thyroid hormone in the animal's body [with summary in English] M I Tarnavskaia Vrach delo no. 11 1141-1143 N '59.

VAINBERG, M.

M. Vainberg's works. A. Nikolaev. Sov. muz. 24 no. 1: 40-47 Ja '60.

VAINSHEIDT, ALEKSEI ALEKSANDROVICH, 1888-

Aleksei Aleksandrovich Vainsheidt. Zhur. prikl. khim. 31 no. 4·517-518 Ap '58.

VAKHSH VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Works of the Vakhsh group of the Khuttal'sk detachment in 1957. T. I. Zeimal'. Trudy AN Tadzh. SSR 103:83-93 '59.

VAKHSH VALLEY—GEOLOGY, STRUCTURAL

Recent tectonic movements in the Vakhsh Valley. V. M. Reiman and others. Dokl. AN Tadzh. SSR 2 no. 2:13-19 '59.

VAKHSH VALLEY—SIEROZEM SOILS

Effect of sod plowing depth on microbiological processes in light Sierozems of the Vakhsh Valley. A. A. Ivanova. Dokl. AN Tadzh. SSR 2 no. 4:31-36 '59.

VAKHSH VALLEY—SOILS

Laboratory experiment in studying moisture losses of Vakhsh soils. E. V. Chapovskaia, T. M. Drozhzhina. Dokl. AN Tadzh. SSR 2 no. 2:39-43 '59.

VAKHSH VALLEY—STONE IMPLEMENTS

Results of explorations of the Stone Age in 1957, in the lower reaches of Vakhsh and eastern Pamirs. V. A. Ranov. Trudy AN Tadzh SSR 103·21-42 '59.

VAKHSH VALLEY—TREES

Rooting capacity and growth of trees on collector networ of the Vakhsh Valley. M A. Bogatiuk. Trudy AN Tad SSR 97·279-294 '58.

VAKHTEROV, VASILII PROFIR'EVICH, 1853-1924

V. P. Vakhterov, an outstanding Russian educator. I. F. Korolev. Sov. pedag. 24 no. 1:95-100 Ja '60.

VALERALDEHYDE

Preparation of 2-methylvaleric aldehyde. E. G. Popov. Zhur. prikl. khim. 32 no. 12:2818-2819 D '59.

VALERIAN see subdivision under Ukraine

VALLEYS see subdivision under Transcaucasia

VALUATION

Eliminate deficiencies in the work of revaluating capital assets. N. K. Nikol'skii Uchet i fin. v kolkh i sovkh 16 no. 12 19 D '59.

VALVES

Dynamics of drive pump valves of hydraulic presses V. M. Sinitskii. Vest. mash. 40 no. 1 49-53 Ja '60

Improvement of safety valves. L. N. Soltankin. Mashin 12 no. 6:49-50 '59.

Nature of steam motion in the valve boxes of the control valves of turbines and means of reducing the loss of pressure in them. V. I Komyrin. Energomashinostroenie 5 no. 11 38-41 N '59.

Valve closing mechanisms for oil samplers. G. Geletii, T. Orazov. Neftianik 3 no. 8·22-24 Ag '58.

VANADIUM

Effect of vanadium additions on the self-diffusion of iron. M. S. Zelinskii and others. Fiz. met. i metalloved. 8 no. 5:725-730 N '59.

VANADIUM OXALATE

Composition and instability constant of the vanadyl oxalate complex V. L. Zolotavin. Zhur. neorg. khim. 4 no 12 2713-2716 D '59.

VANADIUM OXIDE

Kinetic determination of the energies of the bonds between H, C, and O atoms, and the V_2O_3 catalyst. A. A. Balandin, N. P. Sokolova. Izv. AN SSSR Otd. khim. nauk. no 3 398-406 '60.

Mass-spectrometric study of the sublimation of some vanadium and niobium oxides. S. A. Shchukarev, G. A. Semenov, K. E. Frantseva. Zhur. neorg. khim. 4 no 11. 2638 N '59.

VAPOR-LIQUID EQUILIBRIUM

Phase equilibrium in solutions of silicon tetraiodide and antimony triiodide. V. N Cherniaev, A I Pustil'nik Izv. vys. ucheb. zav. ; tsvet met. 2 no 6:147 153 '59

VAPOR PRESSURE

Determination of the pressure of saturated lead telluride vapor. A. S. Pashinkin, A. V. Novoselova. Zhur. neorg. khim. 4 no. 12:2657-2660 D '59.

Determining the pressure of the saturated vapor of solid lead selenide. V. P. Zlomanov, B. A. Popovkin, A. V. Novoselova. Zhur. neorg. khim. 4 no. 12.2661-2664 D '59.

Isotopic exchange method for measuring saturated vapor pressure and diffusion coefficients. Part I [with summary in English]. V. I. Lovgachev. Zhur. fiz khim 33 no 12·2755-2760 D '59.

Measuring the vapor pressure of solid chromium by means of radioactive tracers. A. N. Nesmeianov, Fe Dyk Man. Dokl. AN SSSR 131 no. 6.1363-1365 Ap '60

Vapor elasticity and the decomposition of molten NaF - AlF_3 systems. M M. Vetiukov, M. L. Blіushtein, V P Poddymov. Izv. vys ucheb zav. ; tsvet met 2 no 6 126-133 '59.

Vapor pressure in the systems CaX_2 - HX - H_2O. L. S. Lilich, M. D. Anikieva. Zhur. neorg. khim. 4 no. 11 2630-2634 N '59.

Vapor pressure of T_2O. M. M. Popov, F I Tazetdinov Atom energ. 8 no 5·420-424 My '60

Vapor pressure polytherms of saturated solutions in the quaternary system Na_2SO_4 - NaCl - NaOH - H_2O. M. I Ravich, F. E. Borovaia. Zhur. neorg. khim. 4 no 12 2789-2795 D '59.

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)

Factors transforming the properties of micro-organisms [with summary in English]. N. A. Krasil'nikov. Izv. AN SSSR. Ser. biol. 24 no. 6:814-831 N-D '59.

VARICELLA see Chicken pox

VARICOSE VEINS see Varix

VARIX

Surgery for varicose dilatation of the superficial veins of the lower extremities in the presence of thrombophlebitis [with summary in English]. A. A. Babaev. Vest. khir 83 no. 11·54-56 N '59.

VARNA, BULGARIA--RIFLE PRACTICE
Sharpshooters of Varna. M. L'vov. Voen. znan. 30 no. 4:34 Ap '60.

VARNISH AND VARNISHING
Applying heated varnish paint coatings. A. G. Shapoval'iants, N. A. Monitsev. Trakt. i sel'khozmash. no. 1:44-45 Ja '60.

Speeding up the drying of varnish paint coatings by ultraviolet radiation. N. A. Goncharov. [illegible] dokl. vys. shkoly; lesoinzh. delo no. 2:[illegible] '59.

VARZOB RIVER--AVALANCHES
On avalanches in the Varzob River basin of the Gissar Range. A. N. Promtov. Trudy AN Tadzh. SSR [illegible] '58.

VASHAKIDZE, MIKHAIL ALEKSANDROVICH, 1909-1956
Mikhail Aleksandrovich Vashakidze; obituary. Astron. tsirk. no. 180:[illegible] My '57.

VASILENKO, IVAN VASIL'EVICH, 1899-
On the sixtieth birthday of I. A. Vasilenko. V. S. Bondarenko. Rus. lit. v shkole 20 no. 6:[illegible] N-D '59.

VASIL'EV, SERGEI DMITRIEVICH, d. 1959
Great man, great artist. D. Babochkin. Isk. kino no. 1:[illegible] Ja '60.

S. D. Vasil'ev's autobiography. Isk. kino no. 1:[illegible] Ja '60.

VASOMOTOR DRUGS
Effects of cardiovascular drugs on blood flow and resistance in various vascular beds [with summary in English]. A. V. Dolgin. Fiziol. zhur. SSSR 45 no. 7:848-855 Jl '59.

VAZOVGRAD (BULGARIA)--CIVIC IMPROVEMENT
Changing Vazovgrad. A. [illegible] no. 1:[illegible] '59.

VEGETABLE GARDENING
(see also subdivision under Arctic regions; Balta; District; Bulgaria; Latvia; Leningrad Province; Moscow Province; Ramenskoye District; Voronezh Province)

Development of vegetable [illegible] plan. M. Al[illegible] Ja '60.

Growing transplants under luminescent lamps. N. N. Antip'ev, V. A. Pototskii, A. A. Makhonin. [illegible] no. 10:24-25 [illegible]

Installation for the electric [illegible] greenhouses. A. [illegible] 35-37 [illegible]

Selecting seeds [illegible]

Specialized production [illegible] vegetable growing [illegible]

A useful book ("Vegetable and [illegible] growing [illegible]" by M. Alieva. [illegible]

Using electric light on transplants in greenhouses. [illegible] 12 [illegible]

VEGETABLE GARDENING--PERIODICALS
Readers comment [illegible] no. 12:61-64 D '59.

VEGETABLES
Plan for [illegible] vegetables. [illegible] no. 12:43 [illegible]

Vegetables. [illegible] no. 6:24 N-D '59.

VEGETABLES--DISEASES AND PESTS
Chemical agents for treating vegetables [illegible] sanitary and hygienic evaluation [illegible] My-Je '59.

Chemicals used in controlling vegetable pests. [illegible] My-Je '59.

VEGETABLES--FERTILIZERS AND MANURES
Effect of trace elements on yields and biochemical composition of some vegetable crops. M. V. [illegible] Vestsi AN BSSR. Ser. [illegible] '59.

For correct fertilizer application on vegetables in greenhouses. S. A. [illegible] 92 no. 11:19-22 N '59.

VEGETABLES--PRESERVATION
Antibiotic properties of [illegible] for preserving fruits and vegetables. [illegible] N '59.

VEGETABLES--STORAGE
Vegetable storage. [illegible] no. 12: 22-24 D '59.

VEGETATION AND CLIMATE
(see also subdivision under Stalinabad)

Zonal distribution of vegetation in the geological past and the connection between the [illegible] of ancient coal beds and tropical conditions [with summary in English]. A. I. Tolmachev. Vest. LGU 15 no. [illegible] '60.

VELIKOVSKII, DANIIL SEMENOVICH, 1892-1959
Daniil Semenovich Velikovskii (1892-1959). Khim. i tekh. topl. i masel 5 no. 1:71 Ja '60.

VENEZUELA--POLITICS AND GOVERNMENT
Events in Venezuela. Nov. vrem. 10 no. 10:19-20 My '60.

VENEZUELA--SOCIAL CONDITIONS
Volcanic continent. Artur Lundkvist. Vokrug sveta no. 1:19-23 Ja '60.

VENOM--PHYSIOLOGICAL EFFECT
Localization, treatment, and prophylaxis of snake bites [in Azerbaijani with summary in Russian]. R. G. Radzhabov. Azerb. med. zhur. no. 12:56-61 D '59.

VENOM--THERAPEUTIC USE
Breeding as medicine. Izobr. tekh. 1 no. 11:30-31 N '59.

VENTILATION
Exhaust ventilation of new design. I. Shalnev. Tekh. v sel'khoz. 20 no. 1:70-79 Ja '60.

Extensive use of mechanical grain ventilation. A. Al'ferov. Muk.-elev. prom. 25 no. 12:27 D '59.

Method for designing a complex ventilating system. S. Tsoi. Vest. AN Kazakh. SSR 15 no. 11:68-70 N '59.

Methods for taking into account the local resistance of T-pieces in designing ventilation air ducts. B. M. Dmitrievskii. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 1:[illegible] '59.

Shchekin, R. V., and others. [Reference book on heating and ventilation in residential and public building construction] Spravochnik po teplosnabzheniiu i ventiliatsii v grazhdanskom stroitel'stve. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 816 p.

VENTILATION--BIBLIOGRAPHY see Bibliography--Ventilation

VENUS (PLANET)--SPECTRA
Emission spectra of the night sky of Venus. N. A. Kozyrev. Izv. Krym. astrofiz. obser. no. 12:169-176 '54.

Molecular absorption in the violet region of Venus' spectrum. N. A. Kozyrev. Izv. Krym. astrofiz. obser. no. 12:[illegible] '54.

Occurrence of an unidentified molecule from the atmosphere of Venus in atmospheres of the Earth and other planets. N. A. Kozyrev. Izv. Krym. astrofiz. obser. [illegible] '55.

VERKHNE-DNEPROVSK--SOIL SURVEYS
The earth is being rediscovered. Nadezhda Chopenko. Vokrug sveta no. 1:17-41 Ja '60.

VERMICULITE
(see also subdivision under Leningrad)

Sokol'skii, I. G., and A. P. Pozhnin. [Vermiculite and its use in construction] Vermikulit i ego primenenie v stroitel'stve. Lenizdat, 1959. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia, Stroitel'naia promyshlennost', vyp. 13)

VERMIFUGES see Anthelmintics

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945
Our anniversary calendar. Nauka i zhizn' 9 no. 1:[illegible]

VERNALIZATION
Effect of some organic acids on the length of the vernalization period in winter wheat [with summary in English]. Tian Ki-sei. Bot. zhur. 44 no. 10:1477-1484 O '59.

Effect of the length of the day on the reaction of plants to vernalization. N. I. Razumov, L. V. Olenikova. Agrobiologiia no. 6:[illegible] N-D '59.

Importance of the vernalization stage in different forms of barley after late fall sowing. K. S. Ilidan. Pratsi Ukr. s.-kh. akad. [illegible] 149 [illegible] '59.

VERTEBRAE--TUBERCULOSIS
Surgical treatment of spastic paralysis secondary to tuberculous spondylitis. A. I. Gushcha. Nov. khir. zhur. no. 6:98-100 N-D '59.

VERTEBRATES
The problem of monophyletic or polyphyletic origin of terrestrial vertebrates. I. I. Shmal'gauzen. Biul. MOIP. Otd. biol. 64 no. 4:15-33 Jl-Ag '59.

Shvarts, S. S. [Some problems with regard to species in terrestrial vertebrates] Nekotorye voprosy problemy vida u nazemnykh pozvonochnykh zhivotnykh. Sverdlovsk, 1959. 130 p. (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. Trudy, no. 11)

Skin arteries of the head in some vertebrate animals [with summary in English] I. A. Gurkova. Zool. zhur. 38 no. 1:103-111 Ja '59.

VERTEBRATES--ANATOMY
Beliaev, M. M. [Zoology of vertebrates; manual for practical studies on the zoology of vertebrates for pedagogical institutes] Zootomiia pozvonochnykh; rukovodstvo k prakticheskim zaniatiiam po zoologii pozvonochnykh dlia pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1947. 263 p.
(MnU)

VESIN, ALEKSANDR ALEKSANDROVICH, 1883-1959
Aleksandr Aleksandrovich Vesin; obituary. Arkhit. SSSR no. 12:55 '59.

VESTIBULAR APPARATUS
Changes in hearing and the vestibular function in brucellosis [with summary in English]. IU. P. Tolstov. Vest. otorin. 21 no. 6:24-29 N-D '59.

Review of S. N. Khechinashvili's "Vestibular function." A. Kh. Min'kovskii. Vest. otorin. 21 no. 6:90-91 N-D '59.

VES'YEGONSK DISTRICT--JUSTICE, ADMINISTRATION OF
In one region. A. Lazebnikov. Moskva 3 no. 11:215-216 '59.

VETCH see subdivision under Turkmenistan

VETCHLING see subdivision under Kirov region

VETERANS see subdivision under Belev (Tula Province), Kazakhstan

VETERINARY HYGIENE
Matusevich, V. F., and N. D. Krakonovich. [Accelerated methods in sanitary investigations] Uskorennye metody sanitarno-gigienicheskikh issledovanii. [L'vov] Izd-vo L'vovskogo univ., 1958. 43 p.

VETERINARY INSTRUMENTS AND APPARATUS
Improving the apparatus for artificial insemination of swine. A. V. Kvasnitskii. Svinovodstvo 13 no. 12:15-16 D '59.

VETERINARY MYCOLOGY
Morphology, pathogenesis and etiology of "sutlik" feed poisoning in farm animals. M. V. Nekhotiaev. Izv. Otd. est. nauk AN Tadzh. SSR no. 3:39-46 '59.

VIALIUBIN, ANATOLI, 1923-
"At the break of dawn"; verse by Anatol' Vialiubin. Reviewed by A. Sidarenka. Belarus' 15 no. 12:30 D '59.

VIBRATED CONCRETE
Lowering the expenditure of cement by mixing concrete mixes in forced-vibration mixing machines. F. N. Pashukashvili. Bet. i zhel. bet. no. 12:561 D '59.

VIBRATION
Asymptotic methods in the theory of relaxation oscillations. E. F. Mishchenko. Usp. mat. nauk 14 no. 6:229-236 N-D '59.

Conference on problems in elastic vibrations. I. I. Gubanova. Stroit. mekh. i raschet sooruz. 1 no. 6:52-53 of cover '59.

Forced vibrations of mechanical systems in a field of electromagnetic exciters [with summary in English]. B. A. Muzykov. Dop. AN URSR no. 10:1064-1070 '59.

Theory of vibro-shock ramming. L. V. Raspalova. Izv. vys. ucheb. zav.; radiofiz. 2 no. 4:626-637 '59.

VIBRATION--PHYSIOLOGICAL EFFECT
Establishment of normal standards of general vibration. E. TS. Andreeva Galanina. Gig. truda i prof. zab. 3 no. 6:3-9 N-D '59.

Prophylaxis of vibration disease. E. Osipov. Zdorov'e 5 no. 12:17 D '59.

VIBRATION (MARINE ENGINEERING)
Critical stiffness of ribs reducing plate vibration. N. L. Moshenskii. Trudy LKI no. 16:31-37 '55.

Nonlinear forced oscillations of prismatic rods and extended rectangular plates under the effect of the harmonic vibration of stanchions. V. S. Kalinin. Sudostroenie 25 no. 12:11-16 D '59.

VIBRATORS
Mechanizing the cleaning of dump cars from sticking and frozen rocks. IA. F. Vainkof, V. M. Rasumov. Mekh. i avtom. proizv. 13 no. 12:17-18 D '59.

Using the method of vibration in making brick panels. S. Devialkin, I. Lagun. Stroi. i arkhit. 7 no. 12:20-21 D '59.

Using vibration tubes in hydraulic engineering. V. M. Medvedev, IU. M. Slesarev, A. S. Abakumova. Gidr. stroi. 28 no. 2:51-52 F '59.

Vibrating well points working in pairs. Biul. tekh. inform. po stroi. 5 no. 11:10 N '59.

Vibration driving of piles and sheet-piles. V. S. Shevchenko. Osn., fund. i mekh. grun. no. 6:15-16 '59.

VIBRIO COMMA
Amino acid composition of Vibrio comma [with summary in English] I. M. Pustovalova. Ukr. biokhim. zhur. 31 no. 5:684-690 '59.

VIENNA--FESTIVALS
Encounter with the future. V. Nikolaev. Izob. tekh. 4 no. 11:21-24 N '59.

VIENNA--PHOTOGRAPHY--EXHIBITIONS
At the Vienna Festival. IU. Korolev. Sov. foto 19 no. 11:50-56 N '59.

VIENNA BASIN—GEOLOGY, STRUCTURAL
Profile of the Vienna Basin according to geological and geophysical data. I.I.Bashlykin. Razved.i prom. geofiz. no.37:80-93 '59.

VIETNAM—TIGERS
Traveling with tigers. Le Min Khien. Vokrug sveta no.1:48-53 Ja '60

VIETNAM, NORTH—ECONOMIC CONDITIONS
Bui Kong-chyng. [Northern Vietnam on the path to building socialism] Severnyi V'etnam na puti postroeniia sotsializma. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 175 p.
They chose freedom. V.Shlenov. Sov.Vost. no.4:50-60 Ap '60.

VIETNAM, NORTH—MALARIA
Malaria in the Democratic Republic of Vietnam and aid of Soviet specialists in its control. A.IA.Lysenko. Med.paraz.i paraz.bol. 28 no.5:514-519 S-O '59

VIETNAM, NORTH—MOSQUITOES
Comparative data on the biology of Anopheles minimus and Anopheles vagus in the vicinity of the city Tay Nguen, Democratic Republic of Vietnam [with summary in English]. L.I.Zalateleva. Med.paraz.i paraz.bol. 28 no.5:540-547 S-O '59

VIETNAM, NORTH—REPATRIATION
They chose freedom. V.Shlenov. Sov.Vost. no.4:50-60 Ap '60.

VIETNAM, NORTH—SOILS
Vertical zonality of North Vietnam soils [with summary in English]. V.M.Fridland. Pochvovedenie no.11:8-18 N '59.

VILEYKA DISTRICT—GEOLOGY, STRATIGRAPHIC
Stratigraphy and lithology of late Pre-Cambrian and Cambrian sediments at the village of [illegible] in Vileyka District, Molodechno Province. A.S.Makhnach, V.P.Korachka. Vestsi AN BSSR.Ser.fiz.-tekh.nav. no.1:90-104 '59.

VILNIUS—APARTMENT HOUSES
Constructing new residential districts in Vilnius. V.Anilionis. Arkhit.SSSR no.12:10-15 '59.

VILNIUS—MACHINE TOOL INDUSTRY—HYGIENIC ASPECTS
Shop foreman Valerii Mankus. V.Ermolova. Okhr.truda i sots.strakh. no.12:51-54 D '59.

VILNIUS—TECHNICAL EDUCATION
Work of students clubs. M.Lapochkin. Prof.-tekh.obr. 16 no.12:16 D '59.

VILYUY DISTRICT—TUBERCULOSIS—PREVENTION
Result of antituberculosis work in Vilyuy District of the Yakut Republic [with summary in French]. N.S. Kibrik. Probl.tub. 37 no.6:11-15 '59

VILYUY RANGE—ROCKS, IGNEOUS
Differentiated trap intrusions of the "Vilyuy Mountains." A.P.Lebedev. Trudy IGEM no.29:4-108 '59

VILYUY VALLEY—FROZEN GROUND
Recent formation of ground-ice wedges and a relief marked by a network of small polygons in the Lena-Vilyuy watershed. N.G.Bobov. Trudy Inst.merzl. AN SSSR 16:24-29 '60.
Seasonal freezing and thawing of ground in the region of the future Mukhtuya-Mirnyy highway. T.N.Zhestkova. Trudy Inst.merzl. AN SSSR 16:116-127 '60

VINCA
Extraction of rutin from Vinca. D.A.Bocharova. Med. prom. 13 no.12:24-26 D '59

VINE CROPS
At the Minusinsk Experimental Station for Fruit and Vine Crop Cultivation. V.A.Shevchenko. Sad i og. 41 no.12:41-42 D '59

VINES see Climbing plants

VINNITSA—HOSPITALS
Hospitalization of patients with different diseases [with summary in English]. I.A.Avetbukh. Sov.zdrav. 18 no.12:21-24 '59.

VINNITSA—PACKING HOUSES—EQUIPMENT AND SUPPLIES
Machine for the noiseless removal of horns. V.Galushchenko. Mias.ind.SSSR 30 no.2:41 '59.

VINNITSA—SEED INDUSTRY
Operations of Vinnitsa Seed Processing Plant. I.F.Lapinskii, V.S.Borachuk. Sakh.prom. 33 no.12:55-57 D '59

VINNITSA PROVINCE—AGRICULTURE
Toward new achievements. P.Vdovenko. Ukraina no.2:3 Ja '60

VINNITSA PROVINCE—CHERRY
Growing sweet cherries in Vinnitsa Province. V.D. Kamova. Kolh.Ukr. 6 no.12:38 D '59.

VINNITSA PROVINCE—DEER, FOSSIL
Deer in Vinnitsa Province. M.Rubin. Ukraina no.2:21 Ja '60

VINNITSA PROVINCE—PEAS
Growing peas in Vinnitsa Province. A.N.Shchukov. Zemledelie 8 no.1:71-80 Ja '60

VINNITSA PROVINCE—WEDDINGS
A wedding in the village of [illegible] in Vinnitsa Province. B.V.[illegible], N.V.[illegible]. Sov.etn. no.2:100-111 Ap '59.

VINOGRADOV, DANIIL ROMANOVICH, 1890-1958
Daniil Romanovich Vinogradov; obituary. Vest.oft. 72 no.4:61 Jl-Ag '59

VINOKUROV, ALEKSANDR NIKOLAEVICH, 1868-1944
A.N.Vinokurov, physician-Bolshevik. B.M.Shoumina. Fel'd.i akush. 25 no.1:37-41 Ja '60.

VINYL ACETATE
Porosity and dispersivity of the catalyst in the heterogeneous synthesis of vinyl acetate. P.N.Rodos, et al. Zhur.prikl.khim. 32 no.12:2698-2707 D '59.

VINLY COMPOUNDS
Polymerization of vinyl compounds at temperatures close to 25°C. M.P.Tikhomolova, M.M.Koton, A.N. Baburina. Zhur.prikl.khim. 33 no.4:784-788 Ap '60.

VINYL SULFONE
Synthesis of sulfur-containing compounds from vinyl ethers and acetylene. Report No.2: Oxidation of vinyl sulfides and some properties of vinyl sulfoxides and sulfones. E.N.Prilezhaeva and others. Izv.AN SSSR. Otd.khim.nauk no.4:724-731 Ap '60.

VINYLATION
Direct vinylation of adipic acid. A.M.[illegible], H.E.[illegible]. Zhur.prikl.khim. 32 no.8:1800-1804 Ag '59

VIRUS DISEASES OF PLANTS
Methods of determining the resistance of tomato varieties and hybrids to streak disease. N.N.[illegible]. Agrobiologiia no.4:[illegible] '59.
Virus diseases of citrus trees. V.K.[illegible]. Zashch. rast. ot vred.i bol. 4 no.3:49-50 My-Je '59
Virus diseases of potatoes. A.P.Prokopenko. Zashch. rast. ot vred.i bol. 4 no.3:51-53 My-Je '59

VIRUSES
Changes in the volume of cell nuclei in single-layer tissue cultures of [illegible] infected with the [illegible] virus. IA.P.Khrain, N.N.Illinskaia. Dokl.AN SSSR 126 no.1:211-240 My '59
New viruses and their significance in human pathology. L.G.Rapoport. Zdrav.Tadzh. 6 no.6:3-11 '59

VIRUSES, EFFECT OF DRUGS ON
Effect of certain antibiotics on the [illegible] [with summary in English]. A.B.[illegible]. Dokl.AN Uz.SSR no.12:[illegible] '59

VISCERA
Growth and development of the viscera of Guinea fowls following birth. A.S.Lamina. Izv.Otd.est.nauk AN Tadzh. SSR no.1:21-37 '59.

VISCERA—BLOOD SUPPLY
Blood supply and morphological changes of the parenchymatous organs in collateral circulation [with summary in English]. A.P.Tolomoshkov. Arkh.anat.gist.i embr. 37 no.11:24-32 N '59.
Development of collateral pathways following exclusion of the hypogastric and caudal mesenteric arteries in dogs [with summary in English]. F.I.Grebenshchikova. Arkh. anat.gist.i embr. 37 no.11:103-108 N '59

VISCERA—WOUNDS AND INJURIES
Retroperitoneal rupture of the duodenum. N.A.Dvoretskii. Nov.khir.arkh. no.6:103 N-D '59

VISCOSE
Effect of the composition of the precipitation bath on the swelling of viscose fiber. D.N.Arkhangel'skii, Z.A. Rogovin, A.A.Konkin. Khim.volok. no.5:36-39 '59.
Removal of zinc from viscose waste waters. IA.P.Sheinkin, L.A.Vol'f, P.E.Matveev. Khim.volok. no.5: 47-49 '59.
Surface phenomena occurring in the system viscose—spinneret—precipitation bath. A.T.Serkov and others. Khim.volok. no.5:11-13 '59.

VISCOSIMETER
Selection and calibration of capillaries for absolute viscosimeters. G.A.Mallarov. Trudy VNIIM no.37:112-134 '59.

VISCOSIMETER—TESTING
Determining the constant of the VU-type viscosimeter by means of water and oil. N.A.Chesnokov. Trudy VNIIM no.37:144-148 '59

VISCOSIMETRY
Determination of [illegible] '60.
Determining the viscosity of water at 20° C. G.A.Mallarov. Trudy VNIIM no.37:135-140 '59
Viscosity of [illegible] '60

VISCOSITY
[illegible]
Effect of air diluted in water on its viscosity. G.A.Mallarov, [illegible]. Trudy VNIIM no.37:141-143 '59
Constant correction coefficient in the [illegible] viscosity of liquids. [illegible] '59
[illegible]
[illegible]
[illegible]

VISHNEVSKII, VSEVOLOD VIACHESLAVOVICH, [illegible]
[illegible]

VISIBILITY
(see also [illegible])
[illegible]

VISION
[illegible]
[illegible]

VISUAL AIDS
Epshtein, B.A. [illegible]

VISUAL [illegible]
[illegible]

VITAMINS
[illegible]
[illegible]
[illegible]
Influence of [illegible] vitamins [illegible]
[illegible]
Vitamin [illegible]

VITAMINS, A
[illegible]

VITAMINS, B
[illegible]

VITAMINS, B1 see Thiamine

VITAMINS, B[illegible] see [illegible] acid

VITAMINS, B12 see Cyanocobalamine

VITAMINS, C see Ascorbic acid

VITAMINS, D
Treatment and prophylaxis of [illegible]

VITAMINS E. see Tocopherol

VITAMINS H see Biotin

VITAMINS - P

Effect of galascorbine on the amount of glycogen, adenosinetriphosphoric acid, creatine phosphate, inorganic phosphate, and phosphorylase activity, in muscles of monkeys [with scurvy]. [In English] V. O. [illegible] [illegible] [illegible] 31 no. [illegible] [illegible]

VITEBSK - INDUSTRIES

Over all mechanization and automation of industrial enterprises. [illegible] Komm. Bel. 33 no. [illegible] '59

VITEBSK PROVINCE - ECONOMIC CONDITIONS

Successful work depends on party members. D. [illegible] Komm. Bel. 33 no. 11:19-21 N '59

VITICULTURE

(see also subdivision under Crimea, [illegible] District, Latvia; Moldavia, Rostov Province)

Aliev, A. G., and others. [Vinegrower's book] Kniga vinogradaria. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 610 p.
(CB)

Effect of cultivation practices on the resistance of grapes to low winter temperature. P. G. Tavadze. Vin. SSSR 19 no. 6:16-19 '59

Girdling as means of obtaining earlier grape yields with larger berries. V. S. Tutov. Vin. SSSR 19 no. 8:14-15 '59

[Let us produce an abundance of grapes] Stvorymo dostatok vynohradu. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1959. 124 p.
(DA)

Mechanized grafting [illegible] [illegible]

Obtaining an additional grape crop from suckers. R. M. Kikacheishvili. Vin. SSSR 19 no. 8:25-26 '59

Pay more attention to the quality of grapes. A. M. [illegible] Vin. SSSR 19 no. 8:1-5 '59

Plenum of the Section [illegible] [illegible] [illegible] [illegible]

Possibilities for [illegible] [illegible] [illegible]

Possibilities for increasing grape yields. A. M. [illegible] Vin. SSSR 19 no. 8:20-23 '59

Profitableness of [illegible] [illegible]

Recommendations for the distribution of grape varieties and zoning their supply [illegible] Vin. SSSR 19 no. 8:16-19 '59

Session of the Lenin All-Union Academy of Agricultural Sciences. S. A. [illegible] Vin. SSSR 19 no. 8:[illegible] '59

VITICULTURE - [illegible] see subdivision under [illegible]

VITICULTURE - LABOR PRODUCTIVITY

Possibilities for increasing [illegible] [illegible]

VITOLS, JĀZEPS, 1863-1948

Jāzeps Vītols as the founder [illegible] the Latvian folk song [illegible] [illegible] Ja '60.

VLADIMIR, Archbishop, 1834-1904

Archbishop Vladimir [illegible] [illegible] 14-15 My '59

VLADIMIR - PACKING HOUSES - EQUIPMENT AND SUPPLIES

Rotating oven for baking meat products. V. [illegible] Mias. ind. SSSR 30 no. 2:45 '59

VLADIMIR - PHYSICALLY HANDICAPPED

[illegible] [illegible]

VLADIMIR - TRACTOR INDUSTRY

We'll have a [illegible] [illegible]

VLADIMIR - TRACTORS - EQUIPMENT AND SUPPLIES

Reconstruction of the Vladimir [illegible] [illegible] labor productivity. [illegible] 123-124 N '59

VLADIMIR PROVINCE - DAIRY BARNS

Valuable example set by [illegible] V. Bardin. Sel'stroi [illegible]

VLADIMIR PROVINCE - DEAF - SOCIETIES, ETC

There is [illegible] [illegible] 12 no. 12:11 D '59.

VLASOV, ALEKSANDR IVANOVICH, 1900-1959

Aleksandr Ivanovich Vlasov; obituary. [illegible] no. 12:28 D '59

VOCATIONAL EDUCATION

(see also subdivision under Chelyabinsk Province, Siverskiy)

Important question of vocational education. M. Novikov. Sots. trud no. 12:62-68 D '59.

Improving student training in the schools for working youth. M. Belinkov. Prof.-tekh. obr. 16 no. 12:17-18 D '59.

Information. Prof.-tekh. obr. 16 no. 12:31 D '59.

Kovalenko, I. G. [Essays on vocational training in foreign socialist countries] Ocherki o professional'nom obrazovanii v zarubezhnykh sotsialisticheskikh stranakh. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 174 p.

Potential in improving practical training of students. A. D. [illegible], M. I. [illegible] Sred. spets. obr. 6 no. 11:8-11 N '59.

[illegible] aspects of industrial training. G. B. Kadin. Sov. pedag. [illegible] no. 12:20-26 D '59

VOCATIONAL EDUCATION - TEXTBOOKS

[illegible] literature for occupational training. I. Kovalenko. Prof.-tekh. obr. 16 no. 12:24-25 D '59

VOCATIONAL INTERESTS

The right way to choose a permanent occupation. A. [illegible] [illegible] no. 100:10-22 '59

VOLCANIC ASH, TUFF, ETC. see subdivision under Carpathian Mountain region, Mesta Valley; Transcarpathia

VOLCANOES see subdivision under Avoch Range; Carpathian Mountains

VOLGA DELTA

[illegible] of the Volga Delta. M. [illegible] Trudy VNIRO [illegible]

VOLGA HYDROELECTRIC POWER STATION

Precast reinforced concrete construction elements of the [illegible] of the Volga Hydroelectric Power Station. P. I. [illegible] [illegible] no. 12:5-10 D '59

VOLGA RIVER - BRIDGES

[illegible] across the Volga River. A. Z. [illegible] [illegible] Mazov. [illegible] 28 no. 4:16-20 [illegible]

VOLGA RIVER - FISHES

[illegible] the Volga River. A. [illegible] [illegible]

VOLGA VALLEY

[illegible], V. I., and F. D. [illegible] [The Volga Valley] [illegible] Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. [illegible] p.

VOLGA VALLEY - AGRICULTURE

[illegible] [illegible]

VOLGA VALLEY - BUCKTHORN

[illegible] the Volga region. M. [illegible] [illegible]

VOLGA VALLEY - FORAGE PLANTS

Forage plants from the flora of the upper Volga Valley. A. [illegible] [illegible]

VOLGA VALLEY - HISTORY

[The glory of those days shall not fade...; recollections by old men, participants in the Great October Socialist Revolution, the nationalization of the navy, and the civil war on the Volga and on the Kama] Slavy dnei nezabyvaiut slava...; vospominaniia rabochikh - uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, natsionalizatsii flota i grazhdanskoi voiny na Volge i Kame. Moskva, Izd-vo "Rechnoi transport," 1959. 117 p.
(CM H)

VOLGA VALLEY - SEQUOIA, FOSSIL

[illegible] from the lower [illegible] of the Volga [illegible] Paleont. zhur. no. 3:114-116 '59.

VOLGA VALLEY - TILLAGE

Agricultural techniques of the Russian population in the middle Volga Valley before the Revolution. F. P. [illegible] [illegible] no. 11:61-73 '59

VOLKOV, IURII

Ideas is well thought of on the collective farm. M. Korshov. Sel'. mekh. no. 12:5 '59.

VOLKOV, ROMAN MYKHAILOVYCH, 1885-1959

R. M. Volkov; obituary. Nar. tvorch. ta etn. 3 no. 3:149-150 Jl-S '59.

VOLLEYBALL

Keep your eyes open, about an athlete's side vision. [illegible] [illegible] 5 no. 12:10-12 D '59.

[illegible] of world volleyball. V. Savvin. [illegible] 5 no. 12 [illegible]

[illegible] an angle to the rear, defensive deployment of players. M. [illegible] [illegible] 5 no. 12:3 D '59.

VOLOGDA - FLOUR MILLS

New milling combine in Vologda. M. Ivanov. Muk.-elev. prom. 25 no. 12:10-11 D '59

VOLOGDA PROVINCE - NEWSPAPER AND PERIODICAL CIRCULATION

All our people are subscribers. A. Lazurin. Agitator no. 24:54 D '59

VOLOSOVO DISTRICT - FUNGI, PHYTOPATHOGENIC

Variability and taxonomic position of some forms of fungi of the genus Rhizoctonia. U. G. Ramolev. Uch. biol. zhur. no. 6:21-30 '59.

VOLTAGE REGULATORS

Determining the operational parameters of an automatic regulating transformer in certain cases where it is used for the regulation of voltage in networks. A. V. Shkitov. Sbor. nauch. trud. IPI no. 6:244-264 '59.

High-precision low voltage d. c. voltage stabilizer. Iu. N. Prudnikov. Trudy MATI no. 10:93-97 '59.

Universal electronic voltage stabilizer. Iu. N. Prudnikov. Trudy MATI no. 40:87-91 '59.

Voltage stabilizer with direct control. V. P. [illegible] Vest. svias' 19 no. 12:10-11 D '59.

VOLYN'-PODOLIAN UPLAND - PALEONTOLOGY, STRATIGRAPHIC

Pasternak, S. I. [Biostratigraphy of Cretaceous deposits of the Volyn'-Podolian Upland] Biostratyhrafiia kreidovykh vidkladiv Volyno-Podil's'koi plyty. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 99 p.

VOLYN' PROVINCE - FARM BUILDINGS

Changing appearance of villages. I. Verbovetskyi. Sil'. bud. 9 no. 11:5-6 N '59.

VOLYN' PROVINCE - FIRE DEPARTMENTS

In cooperation with the Communist Youth League. N. [illegible] [illegible] Pozh. delo 5 no. 12:11 D '59

VOLYN' PROVINCE - FOLK LITERATURE, UKRAINIAN

Some shortcomings in the collections of folk literature. Nar. tvorch. ta etn. 3 no. 3:116 Jl-S '59.

VORKUTA - KINDERGARTENS

Vegetable garden in the window. Z. A. Tarasiukina. Doshk. vosp. 33 no. 1:71-74 Ja '60.

VOROB'EVA, IRINA

Series of lithographs on the people of the virgin lands of Kazakhstan. K. Markelov. Sov. Kazakh. 34 no. 2:[illegible] 114-115 F '60.

VORONEZH - LABOR COURTS

Their friends help them. V. Mastagina. Agitator no. 23:50 D '59

VORONEZH - LABOR DISCIPLINE

We try to inculcate labor enthusiasm. A. Shebanov. Agitator no. 23:49-50 D '59.

VORONEZH - MEDICINE, INDUSTRIAL

A man respected by all. I. [illegible] Okhr. truda i sots. strakh. no. 12:54-55 D '59.

VORONEZH - TECHNICAL EDUCATION

Our workers study and try to raise their qualifications. S. Berlulov. Agitator no. 23:49 D '59.

VORONEZH - WALL NEWSPAPERS

The main thing is activity. I. [illegible] Sots. zhivop. 20 no. 11:60-61 N '59.

VORONEZH - WORKS COUNCILS

Hasty conclusions of Comrade N. Gents. V. Ukhanov and others. Agitator no. 23:51 D '59.

VORONEZH PROVINCE - COLLECTIVE FARMS - FIRES AND FIRE PREVENTION

More bricks for collective farm buildings. I. Mikhailov. Pozh. delo 5 no. 11:7-8 N '59.

VORONEZH PROVINCE - CONSTRUCTION INDUSTRY

Another provincial interfarm building organization. N. Pigdnov. Sel'. stroi. 14 no. 12:17 D '59.

VORONEZH PROVINCE - CORN (MAIZE)

The over-all mechanization of all branches of collective farms. N. Manukovskii, V. Petrov. Ekon. sel'khoz. 31 no. 1:61-67 Ja '60.

VORONEZH PROVINCE - DEAF - SOCIETIES, ETC.

It is time to start work. V. Likhachev. Zhizn' glukh. 12 no. 12:11 D '59.

A justified reproach. V. Antipenko. Zhizn' glukh. 12 no. 11:21 N '59.

VORONEZH PROVINCE - FRUIT CULTURE

Economic effectiveness of vegetable and fruit growing on the "Krasnyi transportnik" State Farm near Voronezh. A. R. Glazun. Sad i og. 97 no. 12:5-7 D '59.

VORONEZH PROVINCE - MOTION-PICTURE PROJECTION

This was not a technical seminar. V. Kvochkin. Kinomekhanik no. 12:17 D '59.

VORONEZH PROVINCE—STATE FARMS

Determining the economic effectiveness of agricultural crops on state farms. I. Kriuchkov. Ekon. sel'khoz. 11 no.1:101-106 Ja '60.

VORONEZH PROVINCE—SWINE

Hidden potentialities for reducing expenditures on swine production. M. Semenov. Ekon. sel'khoz. 11 no.1:90-94 Ja '60.

VORONEZH PROVINCE—VEGETABLE GARDENING

Economic effectiveness of vegetable and fruit growing on the "Krasnyi transportnik" State Farm near Voronezh. A. R. Glazun. Sad i og. 97 no.12:5-7 D '59.

VORONIKHIN, ANDREI NIKIFOROVICH, 1760-1814

Andrei Nikiforovich Voronikhin. S. Zemtsov. Arkhit. SSSR no.12:45-46 '59.

VORONOV, MIKHAIL ALEKSEEVICH

Autobiography of a "znaniebistes" writer, M. A. Voronov's tale "My childhood." L. I. Semenova. Nauch. dokl. vys. shkoly; filol. nauki no.4:91-94 '59.

VORONOV, NIKOLAI PAVLOVICH, 1920-

Stories by Nikolai Voronov ("Expectation" by Nikolai Voronov. Reviewed by Grigorii Baklanov). Moskva 3 no.10:205-207 '59.

VORTEX MOTION

Relationship between parameters of the vortex inverted path and Strouhal's number. R. I. Vinogradov. Izv. vys. ucheb. zav.; av. tekh. 2 no.4:14-23 '59.

VOSKRESENSK—CHEMICAL PLANTS

Construction is gathering strength. V. Urazov. Smena 37 no.1:5 Ja '60.

VOSKRESENSKII, SERGEI VASIL'EVICH, 1895-

"People on the move" by S. Voskresenskii. Reviewed by K. Sedykh. Zvezda no.1:215-216 Ja '60.

VOVCHOK, MARKO, pseud. see Markovych, Mariia Oleksandrivna (Vilinskaia), 1834-1907

VOYAGES AND TRAVELS

Touring the roads of the world. Jiri Hanzelka, Miroslav Zikmund. Vokrug sveta no.1:8 Ja '60.

VOYAGES AROUND THE WORLD

Following the steps of Phileas Fogg. M. Renkel'. Vokrug sveta no.1:53 Ja '60.

VUCHETICH, EVGENII VIKTOROVICH, 1908

Art of heroic images. N. Tomskii. Iskusstvo 22 no.6: 28-35 '59.

VUL, IL'IA MOISEEVICH, 1892-1958

Professor I. M. Vul; obituary. Fiziol. zhur. 45 no.12: 1513 D '59.

VULCANIZATION

Determination of the technological resistance of individual vulcanizers. G. L. Torgomian. Kauch. i rez. 18 no.11:52-55 N '59.

Effect of the vulcanization temperature on the structure and properties of vulcanizates from butadiene - styrene and isoprene rubbers. Z. N. Tarasova, L. V. Fedorova, B. A. Dogadkin. Kauch. i rez. 18 no.11:7-14 N '59.

Nonsulfur vulcanization of synthetic rubbers. Report No. 3: Vulcanization of butadiene nitrile rubbers in the presence of some metal chlorides. B. D. Zakharov, G. V. Porozhkin. Kauch. i rez. 18 no.12:14-16 D '59.

Ways of reducing the tendency of rubber mixtures to vulcanize prematurely. A. S. Kuz'minskii, R. Sh. Frenkel'. Kauch. i rez. 18 no.11:14-16 N '59.

VULCANIZATION—EQUIPMENT AND SUPPLIES

Matveev, V. V., and A. A. Naumov. [MPS, a semiautomatic press for the vulcanization of rubber parts] Press-poluavtomat MPS dlia vulkanizatsii rezinovykh detalei. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 104 p. (Novoe otechestvennoe oborudovanie)

VULKANESHTY DISTRICT—SKIN—DISEASES

Control of infectious skin diseases in Vulkaneshty District. G. G. Karnavak. Zdravookhranenie 2 no.5:10 S-O '59.

VYATSKIYE POLYANY—CONSTRUCTION INDUSTRY

In the house building combine. P. Mel'nikov. Pozh. delo. 5 no.12:20-21 D '59.

VYAZNIKI—WEAVING—HYGIENIC ASPECTS

For us, workers. Z. Kiseleva. Okhr. truda i sots. strakh. no.12:14-15 D '59.

VYSHNIA, OSTAP, pseud. see Hubenko, Pavlo Mykhailovych, 1889-1956

VYSHNIY VOLOCHEK—EFFICIENCY, INDUSTRIAL

Reflections on New Year's Eve. V. Gaganova. Agitator no.24:28 D '59

WAGES

(see also subdivision under Japan, Soviet Far East; United States)

Active participation of factory collectives. A. Ivanova, P. Minaev. Sots. trud no.12:104-113 D '59.

Answering questions. Sots. trud 4 no.12:51 D '59.

Answering the questions of workers on state farms and subsidiary units. M. Nikitin. Sots. trud 4 no.11:146-150 N '59.

Cash payment helps to strengthen economy. I. Zhuchkov, A. Kuzmenko. Nauch. i pered. op. v sel'khoz. 9 no.12:6-8 D '59.

Cash payment is an important factor in improving the collective farm economy. G. V. Il'ichev. [illegible] 4 no.11:27-30 N '59.

Consultations. Mast. ugl. 8 no.[illegible] '59.

Contemporary bourgeois and reformist theories of wages. V. Volodin. Sots. trud 4 no.7:[illegible] '59.

Control over wage fund disbursement of enterprises in national branches of industry. [illegible] Den. i kred. 18 no.4:[illegible] Ap '60.

Cut down on the loss of work time. N. V[illegible]. Sots. trud 4 no.11:116-118 N '59.

Eliminate shortcomings in the establishment of output norms at the principal metallurgical plants. N. I. Povalovskii. Sots. trud 4 no.11:101-106 N '59.

Establishing new wage scales. [illegible] 12-44 Ja '60.

Experience deserving the attention of all textile workers. M. Shchelokov. Sots. trud no.12:[illegible] D '59.

A good control method. [illegible] no.11 [illegible] N '59.

A good suggestion. [illegible] '59.

Guaranteed payment of wages. [illegible] Fin. v kolkh. i sovkhoz. [illegible] '59.

In the All-Union Central Council of Trade Unions. Sots. trud 4 no.11:151-153 N '59.

In the State Committee on Questions of Labor and Wages of the Council of Ministers of the U.S.S.R. [illegible] 4 no.4:145 [illegible] '59.

In the State Committee on Questions of Labor and Wages of the Council of Ministers of the U.S.S.R. [illegible] no.12:136-138 D '59.

Initial results of the new wages [illegible] drivers. [illegible] 85-90 N '59.

Karaganda Combine of Artificial [illegible] in the new wage [illegible] D '59.

Machinery operators in mixed brigades. [illegible] Ekon. sel'khoz. no.1:[illegible] Ja '60.

Method for transferring chemical industry [illegible] wage groups of engineering and technical [illegible] D. Ivanov, A. Mel'nikov [illegible] '59

The mixed brigade [illegible] system of [illegible] in construction. [illegible] 77-81 N '59.

Monetary wages on collective farms. [illegible] Fin. v kolkh. i sovkhoz. [illegible] no.12 [illegible] '59.

Monetary wages on the "Moskva" Collective Farm of Tajikistan. T. V. Romanova. [illegible] 12 17-20 D '59.

Nemirovskii, E. I., G. I. Belova, and S. M. Basov. [Work conditions and the wage system in factories; a manual for workers, engineers and technicians, accounting personnel, and heads of working teams and groups] Uslovia truda i sistemy zarabotnoi platy v leanom khoziaistve, posobie dlia rabochikh, inzhenerno-tekhnicheskikh rabotnikov, uchetnykh rabotnikov i rukovoditelei [illegible] Moskva, Izd-vo M-va sel'. khoz. [illegible] 1959. 116 p.

New books. [illegible] Fin. v kolkh. i sovkhoz. [illegible] D '59.

New wage scale at a textile plant. [illegible] Sots. trud 4 no.12:[illegible] D '59.

New wage scales in the [illegible] V. Belen'kii. Sots. trud 4 no.[illegible] 52-59 [illegible] '59.

On establishing a uniform plan [illegible] S. Levin, P. Kofman, T. Kas[illegible] 85-88 Jl '59.

Organization and wages on agricultural state farms. A. Tikhonov. Sots. trud 4 no.[illegible] 130-[illegible] '59.

Original accounting for labor [illegible] and payment of wages. [illegible] Fin. v kolkh. i sovkhoz. [illegible] no.11:48 [illegible] '59.

Payment of wages to workers depending on [illegible] of their production. [illegible] sel'khoz. [illegible] no.9 [illegible] '59.

Practice in training accountants for work [illegible] payment of wages to collective farmers. [illegible] Sidorov, A. S. Mochalov. [illegible] D '59.

Progressive wage forms. D. Bakhtinov. [illegible] 8:68-71 D '59.

Rosglavneftesnabsbyt. [Reference book on labor and wages for petroleum workers] Spravochnik po trudu i zarabotnoi plate dlia rabotnikov neftebaz. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 322 p.

Rubles of working unit [illegible] Sel. khoz. Kazakh. no.12:61-63 D '59.

Shortcomings in the organization of workers' wages in Uzbek enterprises manufacturing agricultural machinery. M. F. Tokareva. Izv. AN Uz. SSR Ser. obshchestv. nauk no.4:39-45 '59.

Strengthen the legal safeguards of [illegible] kevich. Sots. trud. 4 no.[illegible] '59.

[illegible]

WAGE—ACCOUNTING

[illegible]

WAGE—BIBLIOGRAPHY see Bibliography—Wages

[illegible]

WASHING MACHINES

[illegible]

WASTE HEAT

[illegible]

WATER

[illegible]

WATER (Continued)

Effect of air diluted in water on its viscosity. G. A. Ma[illegible]tarov, I. P. Stepanov. Trudy VNIIM no. 37:141-147 '59.

Investigating the hydration of magnesium chloride in contact with humid air. V. V. [illegible], I. S. Kuchum[illegible]. Zhur. prikl. khim. [illegible] no. 8 [illegible] 1670 Ag '60.

WATER AERATION

Experimental investigation of the air entrainment of the flow in [illegible] channels. O. V. [illegible]. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 7 [illegible] '59.

WATER ANALYSIS

Results of analyzing water squeezed from clay sediments of different lithification. V. D. [illegible]. Izv. vys. ucheb. zav.; geol. i [illegible] no. 9 [illegible] 107 [illegible].

Use of the potentiometric [illegible] method for determining the concentration of oxygen dissolved in water. [illegible] I. M. [illegible]. Izv. vys. ucheb. zav. [illegible] 2 no. 4 [illegible] '59.

WATER BACTERIOLOGY

Development of [illegible] resistant to chlorine in water [illegible] of the [illegible] Water [illegible]. [illegible] no. [illegible] '59.

Interprovincial conference [illegible] 1959. A. P. [illegible]. Gig. i san. [illegible] N '59.

Studying bacteria in fish ponds [with summary in English]. A. G. Rodina. Mikrobiologiia 28 no. 6 [illegible] N-D '59.

Use of [illegible] [illegible] I. S. Mikh[illegible] [illegible]

Water [illegible] [with summary in English]. [illegible] M. [illegible] Gig. i san. [illegible] '59.

WATER COMPOSITION

(see also subdivision under Bering Sea, Black Sea, Caspian Sea, Japanese Sea, Pacific Ocean)

Hydrochemistry of [illegible] inland bodies of water. V. D. Konshin. Trudy Mosk. [illegible] no. 10 [illegible] '59.

WATER ELECTRIC PROPERTIES

Investigating the electric [illegible] [illegible]

WATER ELECTROLYSIS

The [illegible] electrolysis unit for [illegible] N. V. [illegible], A. P. [illegible] no. 11 [illegible] '59.

WATER OXYGEN CONTENT see subdivision under Black Sea, Caspian Sea

WATER POLLUTION

Abstracts [illegible] 1959. [illegible] 1959. 104 p.

[illegible]

WATER PURIFICATION

(see also subdivision under [illegible])

[illegible]

Water disinfection [illegible]

WATER, DISTILLED

[illegible]

WATER, DEMINERALIZATION

[illegible]

WATER, UNDERGROUND

(See also subdivision under Apsheron Archipelago, Apsheron Peninsula, [illegible] Lowland, [illegible] Valley, [illegible] Basin, [illegible] Basin, [illegible] Steppe, [illegible] region, Kazakhstan, [illegible] Basin, Truskavets region)

[illegible]

Geobotanical methods of prospecting for waters in desert [illegible] of arid areas. S. V. Viktorov. [illegible] '59.

Method for the approximate estimation of the degree of water [illegible] conditions prevailing in the Moscow Basin. K. P. Bogorodi[illegible]. [illegible] no. 1:52-57 '60.

Phase composition of waters in frozen soils below freezing points. T. A. Litvinova. Izv. vys. ucheb. zav.; geol. i razv. 2 no. 6:128-130 Ag '59.

Plant associations as ground-water indicators in meadows of the Turg[illegible] Valley. S. V. Viktorov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 2:227-231 '59.

Possibility of determining the flow rate of underground waters by the intensity of water exchange in a bore hole. S. V. [illegible]. Trudy [illegible] no. 10:148-150 '59.

[illegible] problems in [illegible] the [illegible] movement of ground waters in infiltration and evaporation. V. M. [illegible]. [illegible] no. [illegible] 111 '59.

[illegible] of vertical electric logging [illegible] in prospecting for water [illegible] B. O. [illegible]. [illegible] 10 no. [illegible]

WATER BIRDS

(see also subdivision under [illegible])

Problems of regulating the water fowl population. K. [illegible] Okhr. i zashch. 5 no. 11:18-21 N '60.

Wintering conditions of water birds in Russia during the winter of [illegible]. A. Mikheev. Okh. i okhr. khoz. 5 [illegible] '59.

WATER BIRDS PARASITES see Parasites Water birds

WATER CONSUMPTION

[illegible] the water consumption [illegible] '59.

WATER FLEAS

(see also subdivision under Black Sea, Sevastopol, [illegible])

[illegible] the ecology of water fleas in connection with [illegible] G. A. Vasil'eva. [illegible] no. 10:[illegible]

WATER HEATERS

[illegible] water heaters [illegible]

[illegible] water [illegible]

[illegible] of electrical [illegible]

WATER JET

Effect of [illegible] drill pump in the force of [illegible] [with summary in English]. M. Kolin, A. P. [illegible] [illegible] no. [illegible] 1107 '59.

WATER METERS

[illegible] water consumption [illegible]

WATER PIPES

[illegible] of straight [illegible]

[illegible] water [illegible] P. V. [illegible]

WATER PIPES CLEANING

[illegible] water pipes [illegible]

WATER POLO

[illegible]

WATER RESOURCES DEVELOPMENT see subdivision under Germany, East; Red River Valley, Vietnam; Soviet Central Asia

WATER SUPPLY

[illegible]

WATER SUPPLY ENGINEERING

(see also subdivision under Azerbaijan; Holland)

[illegible] water intakes. A. I. [illegible]

[illegible]

WATER SUPPLY ENGINEERING—CONGRESSES

[illegible] for Water Supply [illegible]

WATERFALLS see subdivision under Uk River (Irku[illegible] Province)

WATERPROOFING

Rapid method for determining water-resisting properties of concrete structures. A. N. Litvin. Gidr. stroi. no. 3:53-54 [illegible] '60.

WATERSHEDS

Selecting map scales for determining watersheds of rivers. D. B. Danilevich. Izv. vys. ucheb. zav.; geod. i aerof. no. 7:165-150 '60.

WATTMETER

Frequency errors in wattmeters. A. IA. Bezlkovich, I. Zorin, M. S. Kalmuter. Trudy VNIIM no. 48:107-109 '60.

WATERWAYS see subdivision under Iraq

WAVE GUIDES

Approximate approach to the theory of ferrite resonant isolators. A. L. Golikov, A. L. Mikaelian. Radiotekh. i elektron. [illegible] no. 5:740-[illegible] My '60.

Calculating magnets for magnetizing ferrite plates in rectangular wave guides. A. S. [illegible]. Izv. vys. ucheb. zav.; fiz. no. [illegible] '59.

Calculation of a Cherenkov radiator in the microwave region. L. G. [illegible]. Radiotekh. i elektron. 5 no. 5:[illegible] My '60.

Calculation of gradual transitions with tolerances [illegible] characteristics. A. I. [illegible], L. R. IAvich. Radiotekh. i elektron. 5 no. 5:[illegible] My '60.

Experimental analysis of the electromagnetic field in wave guide tapers with critical cross sections. R. B. Vaganov. Radiotekh. i elektron. 5 no. [illegible] My '60.

Investigation of delay systems of the helix anisotropic dielectric and helix [illegible] types. Part 1. V. P. Shestopalov, V. A. [illegible]. Zhur. tekh. fiz. 30 no. 11:[illegible] N '60.

Matching of wave guide sections with air and binary dielectrics and flat junctions. L. K. Mikhailovskii. Trudy MI no. 30:[illegible] '59.

Slow electromagnetic waves in a helical wave guide with anisotropic medium. V. P. Shestopalov, [illegible]. Zhur. tekh. fiz. 29 no. 10:1205-1208 O '59.

Spiral wave guide with an artificially anisotropic dielectric. Part 1 [with summary in English]. IA. N. [illegible] and others. [illegible] 4 no. 4:[illegible] Ag '59.

Spiral wave guide with an artificially anisotropic dielectric. Part 2 [with summary in English]. A. K. [illegible] and others. [illegible] 4 no. 4:460-464 Ag '59.

[illegible] in wave guides. [illegible] V. [illegible] Trudy MI [illegible] '59.

Use of slow surface waves for the measurement of the dielectric constant of substances at high frequencies. Part 1. V. P. Shestopalov, K. P. IAtsuk, L. P. IAkimenko. Zhur. tekh. fiz. [illegible] no. 11:[illegible] N '59.

Wave guide [illegible] of variable curvature. [illegible] Radiotekh. i elektron. 5 no. 5:[illegible] My '60.

WAVE MECHANICS

[illegible] connected with the electrodynamics of moving systems. [illegible] V. [illegible]. Trudy MI [illegible] '59.

Wave functions of an electromagnetic field in a vacuum. I. O. Minov, P. I. Fedorov. Trudy Inst. [illegible] AN BSSR no. 5:134-[illegible] '59.

WAVES

(see also subdivision under Baikal, Lake)

Calculation of the profile of a long wind wave. M. S. [illegible] Trudy GOIN no. 17:[illegible]

Concerning the erroneous interpretation of certain properties of tsunami waves. V. V. [illegible] Biul. Okean. kom. no. [illegible] '59.

Determining the height of tributary waves in canals of hydroelectric power stations having water-discharging structures. G. G. Pavlov. Gidr. stroi. 28 no. 4:[illegible] Ap '59.

Laboratory investigation of superficial hydraulic wave dampers. P. S. [illegible]. [illegible] 18 no. 12:[illegible] '59.

Transformation of wind waves at an isolated pier. N. [illegible]. Trudy Okean. kom. no. [illegible] '59.

WEASELS see subdivision under Pamirs

WEATHER FORECASTING

(see also subdivision under Tunguska Basin)

Finite difference scheme in solving a complete system of equations for short range weather forecasting and the quasi geostrophic relation. I. A. Kibel'. Dokl. AN SSSR 132 no. 4:[illegible] My '60.

Kats, A. L. [Short-range weather forecasting] Prognozy pogody malei zablagovremennosti. Leningrad, Gidrometeor. izd-vo, 1960. 75 p. (Biblioteka sinoptika)
(MIRA)

Some results achieved by using the layer method in computations. [illegible] Kiseleva. Trudy Inst. geofiz. AN [illegible] [illegible] 467 '59.

WEATHERING

Mineralogy and geochemistry of the weathering of ilmenite. M G. Diadchenko, A IA. Khatuntseva Dokl AN SSSR 132 no 2 435-438 My '60.

WEAVING—HYGIENIC ASPECTS see subdivision under Vyazniki

WEDDINGS see subdivision under Leningrad, Vinnitsa Province

WEED CONTROL

Chemical weed control in meadows and pastures. L. D. Stepankivs'ka. Pratsi Od. un. Zbir. stud. rob. no. 5: (vol 149) 201-203 '59.

KNSh-3, 6 mounted rod weeder B V Sopov Trakt i sel'khozmash no 1 33 Ja '60

New book on chemical weed control ("Chemical weed control in forestry" by N E. Dekatova Reviewed by V P Bel'kov, I V Shutov). Zashch rast ot vred i bol 4 no 3 61 My-Je '59

Possibilities for applying chemical weed control in forestry. N E Dekatov A. P. Samoilov. Les. khoz. 12 no. 12 10-16 D '59

Working parts of cultivators and their effectiveness in the maintenance of forest plantations varying in the degree of weediness. P. S. Nartov. Nauch dokl. vys. shkoly, lesoinzh. delo no. 2 13-18 '59.

WEEDS

Clubroot (Plasmodiophora brassicae Wor) on weeds of the family Cruciferae G F Maklakova Bot zhur 44 no 11 1649-1653 N '59

Effect of mesophilic methane fermentation on the survival rate of weed seeds I. F Romashkevich Zemledelie 8 no 1 82-83 Ja '60

WEEVILS

Biology and ecology of the weevil Perieges bardus Bohem in dryfarming M P Sushko Zashch rast ot vred i bol 4 no 3 35-36 My-Je '59

WEIGHING MACHINES
(see also subdivision under Kokchetav)

Improved method of dynamic weighing. S. N. Tokarev, A. A Nyrkov. Zav. lab. 25 no. 12:1535 '59.

Nauchno-issledovatel'skii institut vesov i priborov. [Weighing devices and testing machines; theory and design] Vesoizmeritel'nye pribory i ispytatel'nye mashiny; teoriia i raschet. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 178 p.

WEIGHT LIFTING
(see also subdivision under China)

The answer is given D Ivanov Fizk i sport 29 no. 11 6-7 N '59

WEIGHTLESSNESS

Man in outer space; problems of life in weightless conditions. O G. Gazenko, V. B. Malkin. Nauka i zhizn' 26 *no. 12:17-23 D '59.*

WELDING
(see also subdivision under China)

Angular deformations in welding massive structures. V A Kirillov. Svar. proizv. no. 1 7-9 Ja '60.

Conference of readers of "Avtomaticheskaia Svarka." Avtom svar 12 no. 12:88-89 D '59.

Electronic welding. B. N. Kandyrin. Nauka i zhizn' 26 *no.* 12 66-67 D '59.

"Radioisotopes in the metallurgy and metallurgraphy of welding" by B. I. Bruk. Reviewed by P. L. Gruzin. Zav. lab. 25 no. 12:1539-1540 '59.

Synchronized operation of MTP-75-9 machines. B S. Khomiak Trakt. i sel'khozmash no. 1:40 Ja '60

Welding cast iron machinery parts. A. V. Poliachenko. Mekh. i elek sots. sel'khoz. 17 no. 6:52-53 '59.

Welding radiators. V. Z. Babichev. Avt. prom. no. 12: 31 D '59.

Welding the drums during reconditioning of small steam boilers. IU A Gerasimov Prom. energ. 15 no. 1:62 Ja '60.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—STANDARDS

State standards used in welding. V. A. Korshunova. Svar. proizv. no 1:37-41 Ja '60.

WELDING—STUDY AND TEACHING

Curricula for the training of welding engineers. A. A. Alov. Avtom. svar. 12 no. 12:85-87 D '59.

WELDING—TESTING

Bol'shakov, K. P., and others. [Investigating welded joints in metal and reinforced concrete bridges] Issledovaniia svarnykh soedinenii metallicheskikh i zhelezobetonnykh mostov. Moskva, Vses. izd-ko poligr. ob"edinenie m-va putei soobshcheniia, 1960. 392 p. (Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy, no. 35)

Nondestructive metallographic testing of welded joints. V D Molchanova Avtom. svar. 12 no. 12:73-75 D '59

Strength of spot welds in AMG6T alloys at high temperatures F D. Tret'iakov, A B Karan, G P. TSar'kov Svar proizv. no 1,27-28 Ja '60

WELLS
(see also subdivision under Caucasus)

Dobrovskii, V. V., and others. [Manual of well boring for water supply] Spravochnik po bureniiu skvazhin na vodu. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 483 p.

WEN, I-TO, 1899-1946

A life that was given in the struggle for freedom. Liu Chia-ssu. Druzhba no 43 32 O '59

WEST BENGAL—POLITICS AND GOVERNMENT

West Bengal. A. Guha. Vsem. stud. nov. 13 no. 12:17 D '59

WEST GERMANY see Germany, West

WEST IRIAN—DEFENSES

A dangerous undertaking. Nov vrem. 18 no 20:20-21 My '60

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Division of the northern West Siberian Plain into tectonic sectors V. N. Sokolov. Trudy NIIGA 92:75-94 '58.

Tectonics of Mesozoic and Cenozoic sediments in the southern part of the West Siberian Plain in the light of the variational analysis of geological and geophysical data [with summary in English] I V. Derbikov, E. I Ben'ko Sov geol. 2 no. 10:67-80 O '59

WESTERN SIBERIA see Siberia, Western

WETTING

Effect of wetting on gas emission from coal [with summary in English] A. S. TSyrul'nykov. Dop. AN URSR *no. 11:1219-1223 '59.*

Wetting quartz with hydrocarbon liquids and water under high pressures and temperatures. M. M. Kusakov, N. D. Tairov. Dokl. AN Azerb. SSR 15 no. 11:1019-1023 '59.

WHALE SHARK

A sea giant. O. Liubovs'kyi. Znan. ta pratsia no. 12:20 D '59.

WHALES see subdivision under Antarctic regions

WHALING see subdivision under Antarctic regions

WHEAT
(see also subdivision under China)

Are the leaves of non-ligulate wheat types actually without ligules? G. M. Dobrynin. Vest. sel'khoz. nauki 4 *no. 11:144-145 N '59.*

Dynamics of nucleic acids and other phosphorus-bearing compounds in leaves of the "Diamant" wheat during its ontogenic development. L. N. Kazanskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 2:153-157 '60.

Effect of some organic acids on the length of the vernalization period in winter wheat [with summary in English] T'an K'uei Bot zhur 44 no. 10 1437-1444 O '59

Evaluating *the quality of wh*eat and flour from viscoelastic properties of dough, and regulating these properties. B. A. Nikolaev. Khleb. i kond. prom. 2 no. 5:22-24 My '58.

How pollinating spring wheat with the pollen from various varieties affects the accumulation of radioactive phosphorus in pistils [with summaries in *English, German,* and French] Liu Ta-chun. Vest sel'khoz. nauki 4 no 12 120-125 D '59

Increasing yield and the resistance of wheat to loose smut by treating seeds with trace elements before planting. V. N. Greshnova. Sel'khoz. Povol. 5 no. 11,65-67 N '59.

New wheat species [with summaries in English, German, and French] M. M. IAkubtsiner. Vest. sel'khoz nauki 4 no. 12,29-41 D '59.

Possibilities for increasing the production of durum and strong wheat. M. M IAkubtsiner. Zemledelie 8 no 1: 58-66 Ja '60.

Protein content of spring wheat in different geographical regions of the U. S. S. R., and its relation to climatic *conditions. M. I. Mel'.* Trudy NIIAK no. 7:76-84 '60.

Using the total chemical analysis of leaves to determine the nitrogen and phosphorus requirement of spring wheat during the florescence period [with summary in English]. N. K. Boldyrev. Pochvovedenie no. 11:104-111 N '59.

WHEAT—DISEASES AND PESTS

Effect of shield bug damage to grain on the gluten quality of different wheat varieties. M. N. Babaian. *Izv.* AN Azerb. SSR. Ser. biol. i sel'khoz. nauk no. 6:49-57 '59.

WHEAT—FERTILIZERS AND MANURES
(see also subdivision under Penza Province)

Effect of boron on *winter wheat when applied in rows to*gether with other fertilizers. N. O. Cherniavs'ka. Dop. UASHN 2 no. 6:14-15 N-D '59.

WHEAT—VARIETIES

A new type of wheat [with summaries in English, German, and French]. S. A. Ostrelko. *Vest. sel'khoz. nauki* 4 no. 11;133-137 N '59.

WHEAT BREEDING

Changes in the structure of the endosperm in new forms of wheat produced by the injection method as compared with the original varieties. A. N. Pechorina. Trudy Kar fil. AN SSSR no. 17,70-79 '59.

Effect of the age of pollinated flowers of wheat on its hybrid progeny. I. N. L'vova. Nauch. dokl. vys. shkoly, biol. nauki no. 2:182-186 '60

Some characteristics of the interaction of foreign *pollen* with pollen of the same plant in wheat under different conditions of pollination U IA Bormatau Vestsi AN BSSR Ser bilal nav no 4 82-94 '59

WHEAT GERM

Proteins of wheat germ and their enzymatic activity. N. I. Proskuriakov, T. N. Nuzndina. Nauch. dokl. vys. shkoly, biol. nauki no. 2:148-152 '60.

WHEAT MILLING

Combination method for the manufacture of high- and low-grade wheat flour N A Il'vitskii. Izv vys. ucheb zav pishch tekh. no 5:62-65 '59.

WHEELS

Amount of fullering in the manufacture of seamless-forged wheels. M. IU. Shifrin. Kuz.-shtam. proizv. 1 no. 12 5-8 D '59.

WHITE RUSSIA—ACORNS

Dynamics of acorn ripening and fall in the English oak (Quercus robur L.). M. V Shkutko Vestsi AN BSSR Ser. bilal nav no 4 43-50 '59

WHITE RUSSIA—AGRICULTURE

White Russia. Ministerstvo sel'skogo khoziaistva. [Measures for increasing agricultural production per 100 hectares of land on collective and state farms of White Russia] Meropriiatiia po uvelicheniiu proizvodstva sel'skokhoziaistvennoi produktsii na 100 gektarov zemel'nykh ugodii v kolkhozakh i sovkhozakh BSSR. Red. kollegiia: I. S. Lupinovich i dr. Minsk, Gos. izd-vo BSSR. Red. sel'khoz. lit-ry, 1959. 601 p.
(DA)

WHITE RUSSIA—BUTTER

Expansion of continuous buttermaking in White Russia. D. Volotovskii. Moloch. prom. 20 no. 12:9-10 D '59.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Minsk. Universitet. [History of the struggle of the Communist Party of White Russia for the consolidation of Soviet rule and the building of socialism; collected articles] Iz istorii bor'by Kompartii Belorussii za uprochenie Sovetskoe vlasti i sotsialisticheskoe stroitel'stvo; sbornik statei. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1959. 103 p.

The party and our people are united. Komm. Bel. 33 no. 11:2-7 N '59.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Brief news. Komm. Bel. 33 no. 11:79-80 N '59.

Brief news. Komm. Bel. 33 no. 12:78-79 D '59.

We should deeply inculcate the ideas of the party among the masses. N. Khalipov. Komm. Bel. 33 no. 12:11-18 D '59.

WHITE RUSSIA—COOPERATIVE SOCIETIES

Organizational work is the basis of cooperative societies I. Egorov. Sov. potreb. koop. 4 no. 1:24-25 '60.

WHITE RUSSIA—CORN (MAIZE)

TSishkou, S. I. [Raising corn in White Russia] Vyroshchvanne kukuruzy v BSSR. Minsk, Dziarzh. vyd-va BSSR. Red sel'skahaspadarchai lit., 1959. 101 p.
(DA)

WHITE RUSSIA—COURTS

Martinovich, I. I. [Development of the judicial system in White Russia during the struggle for the establishment and consolidation of Soviet rule, 1917-1920] Sudebnoe stroitel'stvo v Belorussii v period bor'by za ustanovlenie i uprochenie Sovetskoi vlasti, 1917-1920 gg. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1959. 40 p.

WHITE RUSSIA—CULTURE

The Great October Revolution and the development of Soviet White Russian culture. A. I. Golovnev. Trudy Inst. filos. AN BSSR no. 1:3-20 '58.

WHITE RUSSIA—ECONOMIC CONDITIONS

Mazurov, K. T. [The 40th anniversary of the White Russian S. S. R. and the Communist Party of White Russia; a report at the solemn meeting of the Supreme Soviet of the White Russian S. S. R. and the Central Committee of the Communist Party of White Russia on January 3, 1959] Sorok let Belorusskoi SSR i Kompartii Belorussii; doklad na torzhestvennom zasedanii Verkhovnogo Soveta BSSR i TsK KP Belorusii 3 ianvaria 1959 g. Minsk, Gos. izd-vo BSSR, 1959. 31 p.

Minsk. Universitet. [Collected articles on economics] Sbornik statei po politekonomii. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1959. 170 p.

Valiant march of our people. IAnka Bryl'. Komm. Bel. 33 no. 12:8-10 D '59.

WHITE RUSSIA—ECONOMIC POLICY

Mollolo, S.M., and A.M. Papov. [National economy of the White Russian S.S.R. during the seven year plan] Narodnaia [illegible] Belorusskoi SSR [illegible]. Minsk, Dzarzh. vyd-va BSSR, Red. [illegible] lit-ry, 1959. 80 p.

Mironau, I.V., and A.I. Zhomerchyk. [Major construction work in the White Russian S.S.R. during the seven year plan] Kapital'noe budaunitstva u Belarusi [illegible] Minsk, [illegible] BSSR, Red. [illegible] lit-ry, 1959. [illegible] p.

WHITE RUSSIA—ECONOMICS—STUDY AND TEACHING

Economic problems of the White Russian [illegible] Vop.ekon. no.[illegible] '59.

WHITE RUSSIA—EDUCATION

Our march toward [illegible] N '59.

WHITE RUSSIA—EFFICIENCY, INDUSTRIAL

Shavel'ski, A.E. [Increasing labor productivity is the most important condition for the carrying out of the seven year plan] Pavyshenne pradukt[illegible] pratsy [illegible] Minsk, Dzarzhaunae vyd-va BSSR. Red. [illegible] lit-ry, 1959. 30 p.

WHITE RUSSIA—FARM MECHANIZATION

Scientific conference in Minsk. [illegible]

WHITE RUSSIA—FERTILIZERS AND MANURES

Increased use of fertilizers [illegible] White Russian [illegible]

WHITE RUSSIA—FIELD CROPS—FERTILIZERS AND MANURES

Special aspects of fertilizer [illegible] White Russia. [illegible]

WHITE RUSSIA—FORESTS AND FORESTRY

Principal problems of [illegible] forestry in the White Russian [illegible] 34-30 '59.

WHITE RUSSIA—FORESTS AND FORESTRY—ECONOMIC ASPECTS

Fixed assets in forest [illegible] S.S.R. V.I. Perekh [illegible]

WHITE RUSSIA—FORESTRY SCHOOLS AND EDUCATION

One of the ways of the White Russian [illegible] entry Institute [illegible] practice. [illegible]

WHITE RUSSIA—GEOLOGY

Makhnach, A.S., and E.M. Vasetsk[illegible] [illegible] part of White Russia, [illegible] Geologicheskoe [illegible] Belarusi [illegible] Belarusi. Minsk, Dzarzh. [illegible] BSSR. Red. navukova-tekhn. lit-ry, 1958. 211 p.

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC

Stratigraphy of [illegible] Mitsianina. Vestsi AN [illegible] 104-107 '59.

WHITE RUSSIA—GEOLOGY, STRUCTURAL

Basic tectonic structures in the White Russian S.S.R. and their effect on the [illegible] Gorelik. [illegible] 22-26 Ag '59.

WHITE RUSSIA—GRASSES

Experiments in [illegible] forage plants in White Russia. A.V. M[illegible] 207-209 '59.

WHITE RUSSIA—HANDWEAVING

White Russian hand [illegible] Belarus' 16 [illegible]

WHITE RUSSIA—HAY—HARVESTING

Trelvas, A.D. [Mechanized harvesting of hay in White Russia] Mekhanizatsyia [illegible] Minsk, Dzarzh. vyd-va BSSR. Red. s-kh lit-ry, 1959. 112 p. ([illegible])
(DA)

WHITE RUSSIA—HISTORY

A book on the White Russian socialist nation ("Formation and development of the White Russian socialist nation." Reviewed by P. Kurnoishik) Komm.Bel. 33 no.11:71-75 N '59.

Secondary schools [illegible] Belarus' 16 no.11:29 N '59.

WHITE RUSSIA—HISTORY—SOURCES

Ideological [illegible] "The [illegible]" and "The letter [illegible]" [illegible] century White Russian [illegible] Trudy Inst. [illegible] AN BSSR [illegible] '59.

WHITE RUSSIA—HYDRAULIC ENGINEERING

Pashutin, A.A. [Using hydraulic machinery in the draining of White Russian swamps] Gidramekhanizatsyia u [illegible] u BSSR. Minsk, 1959. 24 p. (Tavarystva pa raspausiudzhvanniu palitychnykh i navukovykh viedau Belaruskai SSR. Seryia pryroda znaustva [illegible], no.13)

WHITE RUSSIA—INDUSTRIES

Economic problems of the White Russian S.S.R. [illegible] Vop.ekon. no.[illegible] '60

Look far ward and don't be content with your achievements. Komm.Bel. [illegible] '59

The most important construction projects of the seven-year plan. A.IAshin. Komm.Bel. 33 no.11:33-38 N '59.

WHITE RUSSIA—INVENTIONS

Technological innovations in the service of the seven year plan. A. [illegible] Komm.Bel. [illegible] no.12:47-51 [illegible]

WHITE RUSSIA—LABOR SUPPLY

[illegible] Uch. zap. nauch.-issl. Bel. politekh. inst. no.52 [illegible]

WHITE RUSSIA—LAND TENURE

Marchenko, I.I. [Agrarian reforms in White Russia in 1917-1918] Agrarnye preobrazovaniia v Belorussii v 1917-1918 gg. Minsk, Gosizd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 160 p.

WHITE RUSSIA—LAWS AND LEGISLATION

White Russia. Laws, statutes, etc. [Collection of the legislative enactments of the White Russian S.S.R. and the decrees of the Presidium of the Supreme Soviet of the White Russian S.S.R. for 1950-1958] Zbornik zakonau Belaruskai SSR i ukazau Prezidyuma Viarkhoinaha Saveta Belaruskai SSR za 1950-1958 gg. Minsk, Dzarzh. vyd-va BSSR, Red. satsyial'na-ekan. lit-ry, 1959. 410 p.

WHITE RUSSIA—LOESS

[illegible] White Russia. K.I. [illegible]

WHITE RUSSIA—MEAT INDUSTRY

[illegible] for our people. Belarus' 16 no.12 [illegible] '59.

WHITE RUSSIA—MEDICAL PERSONNEL

Observe labor legislation. A. Petrov, V. Fidlik. Zdrav. Bel. 5 no.12:41 D '59.

Province conferences of the medical workers' union. Zdrav. Belor. 5 no.12:61-62 D '59.

WHITE RUSSIA—MEDICINE

Brief news. Zdrav. Belor. 5 no.12:66 D '59.

Plans for the development of medical science in the White Russian S.S.R. in 1960. A.IU. Bronovitskii. Zdrav. Belor. 5 no.12:3-7 D '59.

WHITE RUSSIA—MILK PLANTS

[illegible] for our people. Belarus' [illegible] '59.

WHITE RUSSIA—NATIONAL CHARACTERISTICS

A book on the White Russian socialist nation ("Formation and development of the White Russian socialist nation." Reviewed by P. Kurnoishik. Komm.Bel. 33 no.11:71-75 N '59.

WHITE RUSSIA—PALEOBOTANY, STRATIGRAPHIC

Plant macrofossils from Neogene deposits of White Russia. Ig. V. Vasil'ev. Dokl. AN SSSR 132 no.1:175-177 My '60.

WHITE RUSSIA—PALEOGEOGRAPHY

Types of [illegible] and features of the development of peat [illegible] in the White Russian S.S.R. during the Holocene. A.P. Pidoplichko, M.A. Kozniko. Dokl. AN BSSR 3 no.11:[illegible] N '59.

WHITE RUSSIA—PEAT

Blat'kevich, P.L., and N.S. Kastsiuk. [Peat as fuel and raw material in White Russia] Torf - palivnaia i syravinnaia baza BSSR. Minsk, Dzarzhaunae vyd-va BSSR. Red. palit. lit-ry, 1957. 40 p.

WHITE RUSSIA—PHARMACY

[illegible] of pharmacies in White Russia during the feudal period. V.P. [illegible] Apt. delo 8 no.6:57 [illegible]

WHITE RUSSIA—PHENOL CONDENSATION PRODUCTS

Phenol-formaldehyde resin from waste products of the [illegible] industry. A.A. [illegible], I.V. Pastu[illegible] [illegible] prom. 12 no.[illegible] 30 [illegible]

WHITE RUSSIA—PINE—DISEASES AND PESTS

Extensive winterkilling of pine-shoot moths in White Russia. I.T. Kr[illegible] Nauch. dokl. vys. shkoly. [illegible] no.2:[illegible] '59.

WHITE RUSSIA—POLITICS AND GOVERNMENT

Minsk. Universitet. [History of the struggle of the Communist Party of White Russia for the consolidation of Soviet rule and the building of socialism; collected articles] Iz istorii bor'by Kompartii Belorussii za uprochenie Sovetskoi vlasti i sotsialisticheskoe stroitel'stvo; sbornik statei. Minsk, Izd-vo Belgosuniv. im. V.I. Lenina, 1959. 103 p.

[Solemn meeting of the Supreme Soviet of the White Russian S.S.R. and the Central Committee of the Communist Party of White Russia devoted to the 40th anniversary of the White Russian Soviet Socialist Republic and the Communist Party of White Russia, January 3, 1959; verbatim report] Urachystae pasiadzhenne Viarkhounaha Saveta BSSR i TSentral'naha Kamiteta KPB, prysviechanae 40-hoddziu Belaruskai Savetskai Satsyialistychnai Respubliki i Kamunistychnai partyi Belarusi, 3 studzenia 1959 goda; stenagrafichnaia spravazdacha. Minsk, Dziarzh. vyd-va BSSR, 1959. 110 p.

White Russia. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the White Russian S.S.R., eighth session, June 26-27, 1959. Verbatim report] Vos'maia sessiia Verkhovnogo Soveta Belorusskoi SSR, chetvertogo sozyva (26-27 iiunia 1959 goda). Stenograficheskii otchet. Minsk, Gos. izd-vo BSSR, Red. polit. lit-ry, 1959. 376 p.

WHITE RUSSIA—PUBLIC HEALTH

Achievements of public health in the western province of White Russia; on the 20th anniversary of the annexation of western White Russia. D.P. [illegible], [illegible] Sov. zdrav. 18 no.12:38-41 '59.

WHITE RUSSIA—RUSSIAN NEWSPAPERS

"Nasha gazeta," a Bolshevik newspaper in White Russia. [illegible] Belarus' 16 no.11:31 N '59.

WHITE RUSSIA—SOCIAL CONDITIONS

Distribution of material and spiritual riches in the present day phase of Soviet society. I. Makelmov. Komm. Bel. [illegible] no.12:56-63 D '59.

WHITE RUSSIA—SPORTS

Results and prospects. D. Kanstantsinava. Belarus' 16 no.11:28 N '59.

WHITE RUSSIA—TECHNICAL SOCIETIES

Why White Russian organizations are not growing. Tekh. [illegible] no.1:17 Ja '60.

WHITE RUSSIA—WOMEN—EMPLOYMENT

Women in White Russian industry before the revolution. R.G. Mikhailova. Uch. zap. nauch. issl. Bel. politekh. inst. no.52 [illegible] '58.

WHITE RUSSIA—WORLD WAR, 1939-1945

Kravchenko, I.S., and A.I. Zalesskii. [The White Russian people during the Great Patriotic War] Belorusskii narod v gody Velikoi Otechestvennoi voiny. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry, 1959. 146 p.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Tiutal, D.V. [Way to victory] Put' k pobede. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1959. 94 p.

WHITE RUSSIAN LANGUAGE—DIALECTS

On the classification of White Russian dialects. P.N. [illegible], IU.F. Matskevich. Vop. iaz. 8 no.6:97-104 N-D '59.

WHITE RUSSIAN LANGUAGE—TEXTBOOKS

A textbook for teachers and students ("Study of the present-day White Russian language with historical commentaries; phonetics, orthoepy, graphics, orthography, vocabulary, and phraseology" by P.IA. Iurkelevich. Reviewed by P. Viarkhoul). Sov. shkola no.6:78-80 N-D '59.

WHITE RUSSIAN LITERATURE—COLLECTIONS

Barysenka, V.V., ed. [Our literature; an anthology for the tenth grade] Nashala literatura; khrestamatyia dlia X klasa. Vyd. 13. Minsk, Dziarzh. vuch.-pedagag. vyd-va M-va asvety BSSR, 1959. 275 p.
(RPB)

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Aleksandrovich, Stsiapan. [Along unforgotten roads] Nezabyunymi shliakhami. Minsk, Dziarzh. vuchebna-pedagag. vyd-va. BSSR, 1959. 133 p.
(MH)

WHITE RUSSIAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

Faktarovich, D.IA., V.M. TSimafeeva, and N.I. Lapikas. [White Russian literature in foreign countries] Belaruskaia litaratura za miazhoi. Minsk, 1959. 42 p.

WHITE RUSSIAN NEWSPAPERS

Propagandistic articles in province newspapers. V.IAsko. Komm.Bel. 33 no.12:70-74 D '59.

WHITE RUSSIAN PERIODICALS

Suggestions of our readers. Komm. Bel. 33 no. 12,80 D '59.

WHITE RUSSIAN SONGS see Songs, White Russian

WHOLESALE TRADE

Parallelism that costs the state very much V Kuz'menko Sov torg 33 no 1 11-13 Ja '60

Wholesale center and retail trade N Klepikov Sov torg 33 no 1 33-35 Ja '60

WHOOPING COUGH

Akademiia meditsinskikh nauk SSSR, Moscow. Institut epidemiologii i mikrobiologii. [Specific prevention of whooping cough, works of a conference held jointly with research and practice institutions, March 5-6, 1958] Spetsificheskaia profilaktika kokliusha, trudy nauchno-issledovatel'skimi i prakticheskimi uchrezhdeniiami 5-6 marta 1958 g. Pod red. M. S. Zakharovoi. Moskva, Gos. izd-vo med. lit-ry, 1958. 189 p. (DNLM)

WILCZEK LAND—MOLLUSKS, FOSSIL

Upper Triassic ammonites and pelecypods of the Franz Josef Land. IU. N. Popov. Sbor. st. po paleont. i biostrat. no. 12:16-22 '58.

WILD FLOWERS

Beautifully flowering ornamental plants in the wild flora of the U. S. S. R. and ways of studying and utilizing them. O M. Poletiko. Trudy Bot inst Ser. 6 no. 7 445-448 '59

WILNO see Vilnius

WINCHES

Auxiliary draw works for hoisting core barrel V I. Poniatov, A I Popov Neftianik 4 no 9 19-21 S '59

Profile of friction drums for hauling in steel and vegetable fiber ropes. S. S. Torban. Ryb. khoz. 35 no. 10,38-45 O '59.

Rigging winch used in making up barge trains. V. A. IAkovlev Rech transp. 18 no. 12 48 D '59

Skoroshchinskii, V. F. [Manual for a winch operator and a seamen on bord a dredge] Posobie lebedchiku i matrosu zemsnariada Moskva, Izd-vo "Rechnoi transport," 1960. 171 p.

Winch for raising and lowering the boom on 3-ton capacity RM3 cranes. G. M. Volkov. Rech. transp. 18 no. 11,41-42 N '59.

WIND EROSION

Recent data on wind erosion and its control; Report No. 2 [with summary in English]. T. F. IAkubov. Pochvovedenie no. 11,65-67 N '59.

WIND PRESSURE

Distribution of the lateral wind pressure between cables and roadways of suspension bridges. P. V. Zolotov. Izv. vys. ucheb. zav., stroi. i arkhit. no. 6:94-101 '59.

WINDBREAKS, SHELTERBELTS, ETC.

(see also subdivision under Moldavia)

Effect of shelterbelts on the fertility of Solonetz-type Chestnut soils [with summaries in English, German, and French]. L T Zemlianitskii. Vest sel'khoz nauki 4 no. 12 65-70 D '59

Have orchards well protected. S. Potapov. Sad i og. 97 no. 11:44-46 N '59.

Promote shelterbelt afforestation. P Nikitin, V Kuznechik NTO no 11 19-21 N '59

Savchenko-Bel'skii, A. A. [Shelterbelt forestry; a lecture] Zashchitnoe lesorazvedenie; lektsiia. [Moskva] Mosk. gos. ekon. in-t, 1959. 51 p.

Useful exchange of experience. V. Kh. Kuznechik. Les. khoz. 12 no 12,66-68 D '59.

WINDMILLS

RD-4 high-speed wind pump. F I. Serov. Vest. AN Kazakh. SSR 15 no. 11 84-87 N '59.

Zakrzhevskii, E. R. [Windmills for the mechanization of stock farms] Vetrodvigateli dlia mekhanizatsii zhivotnovodcheskikh ferm. Minsk, Gos. izd-vo BSSR, Red. sel'khoz. lit-ry, 1959. 195 p.

WINDOWS

Double-sash windows V Ermolenko Zhil stroi no 11 25-27 '59

Ventilating device for double-pane windows. M. G. Kulikov. Biul. tekh. inform. po stroi. 5 no. 12,22 '59.

WINDPIPE see Trachea

WINDS

(see also subdivision under Sukhumi)

Economic evaluation of the effectiveness of shelterbelts [with summaries in English, German, and French]. L. T. Ustinovskaia. Vest. sel'khoz. nauki 4 no. 11:98-102 N '59.

Effect of west winds on woody plants of the Kola Peninsula. V. V. Kriuchkov. Izv. Kar. i Kol'. fil AN SSSR no. 3:98-101 '59.

WINE AND WINE MAKING

(see also subdivision under Azerbaijan, Don Valley; Moldavia; Sevastopol)

Recommendations for the distribution of primary wineries and zoning their supply regions N. S. Bogdanov. Vin. SSSR 19 no. 8:36-39 '59.

Utilize local fruits and berries for wine making. V. A. Galevich Vin SSSR 19 no 8:13-15 '59

WINE AND WINE MAKING—ANALYSIS

Express micromethod for determining tannids. K. K. TSagareli, T. G. Shikhashvili Vin. SSSR 19 no 8:9-11 '59

WINE AND WINE MAKING—EQUIPMENT AND SUPPLIES

Automatic lines for bottling bulk champagne and preparing bottles for shipment A. K Gambashidze. Vin. SSSR 19 no. 8:43-50 '59.

Mechanized lifting of barrels from the cellar. P. V. Afanas'ev Vin. SSSR 19 no. 8:51-52 '59

Reinforced cement containers. L. I. Gamov. Vin. SSSR 19 no. 8:52-54 '59.

WINTER SPORTS

Korotkov, I. M. [Winter camps for Pioneers] Zimnii pionerskii lager'. [Moskva] Izd-vo TsK VLKSM, "Molodaia gvardiia," 1959. 125 p.

WIRE—TESTING

Method for determining the elastic and plastic characteristics of wire in torsion I. D. Kalachev, N. I Talakin Zav. lab. no. 11:1368-1370 '59.

WIRE DRAWING

Character of transient processes of the drive of the wire drawing machines. D. P. Morozov, V. S. Kuzikov. Izv. vys. ucheb. zav.; elektromekh. 2 no. 9:76-86 '59.

Device for the bright annealing of wire during the high-speed drawing process. IU. I. Rodionov. Metalloved. i term. obr. met. no. 1:52-53 Ja '60.

WIRE ROPE

Bending stresses in double-lay wire ropes. M. F. Glushko. Izv vys ucheb. zav., gor. zhur. no 6 90-97 '59.

Dynamic loading of hoisting wire ropes in certain mines of "Novovolynskugol" Trust. V. F. Stoliarchuk. Izv vys. ucheb. zav, gor zhur no. 6:108-114 '59.

Increasing the durability of steel ropes. N. N. Grishaev. Metallurg 4 no. 12:33-34 D '59.

Method of calculating the parameters of prestressed wire in the manufacture of locked coil wire rope B. N. Dorodnykh Izv. vys ucheb. zav., gor zhur. no. 6:98-107 '59

Wire section contours in spiral twist wire ropes. L. I. Zhukov Izv vys. ucheb. zav, gor zhur. no. 7:87-90 '59.

WIRE ROPE TRANSPORTATION see Cableways

WIREWORMS

Destroy wireworms as widespread pests. B. V Dobrovol'skii Zashch rast. ot vred i bol. 4 no. 3:27-28 My-Je '59

Effectiveness of tillage in wireworm control G. T. Shuvalov Zashch rast ot vred. i bol. 4 no 3:29-30 My-Je '59

WIRING, ELECTRIC see Electric wiring

WITCH HAZEL

Pollen morphology of Liquidambar L and Altingia Nor [with summary in English] Chang Chin-t'an. Bot zhur 44 no 10:1375-1380 O '59

WITNESSES

Note to article 136 of the civil code of the R. S. F. S. R. IA. Rapoport. Sots. zakon. 38 no. 12:59-60 D '59.

WOLVERHAMPTON, ENGLAND—SOCCER

Billy leaves the "Wolves." V. V. Sp. igry 5 no. 12:27 D '59.

WOMEN

Glory to Soviet women! Sem'ia i shkola 13 no. 3:1-3 Mr '58.

Liubimova, S. T. [Fiftieth anniversary of International Woman's Day] 50 [Piatidesiati]-letie mezhdunarodnogo zhenskogo dnia. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 1, Istoriia, no. 2) (MH)

WOMEN—EMPLOYMENT

(see also subdivision under China; France; White Russia)

Guseva, Z. A. [Bright career of the working woman] Svetlyi put' rabotnitsy. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 61 p. (Massovaia biblioteka rabochego)

Women in public service. Helmut Gralow. Vsem. prof. dvizh. no. 6:47-51 Je '59.

WOMEN AS FARMERS see subdivision under Uzbekistan

WOMEN AS MINERS

With loving care. N. Ermilenko. Mast. ugl. 8 no. 3:20 Mr '59.

WOMEN AS PHYSICIANS

[High calling; essays] Vysokaia dolzhnost'; ocherki. [Moskva] Mosk. rabochii, 1959. 177 p. (NN)

WOMEN IN ART

Images of women in the Magdalenian Era. Z. A. Abramova. Krat. soob. IIMK no. 76:103-107 '59.

WOMEN IN PUBLIC LIFE see subdivision under Adzhar A. S. S. R.

WOOD

Analyzing errors in determining thermal coefficients of wood by new methods. M. P. Emchenko. Trudy LTA no. 83:211-213 '59.

Effect of forest soil drainage on the anatomical structure and physicomechanical properties of pine wood M I Fedarau Vestsi AN BSSR Ser biial nav no 4 95 101 '59.

Effect of moisture and γ-irrigation on the internal friction in spruce wood. N. F. Gusev. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:211-214 '59.

Effect of the drainage of forest soils on physical and mechanical properties of pine wood. N. I. Fedorov. Nauch. dokl. vys. shkoly, lesoinzh. delo no. 2:51-55 '59.

Using hardboard for making structural elements and parts of panel built houses. V. M. Vasil'eva. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2,195-198 '59.

WOOD—ANATOMY

Formation of tracheae in oak wood (Quercus robur L.) during its ontogenic development under different ecological conditions. O. N. Chistiakova. Nauch. dokl. vys. shkoly; biol. nauki no. 2:103-105 '59.

Notes on the anatomy of wood in Araucariaceae. I. M. Kisliuk. Bot. zhur. 44 no. 11:1624-1631 N '59.

WOOD—CHEMISTRY

Conversion of condensates from gas generators at wood processing plants V A. Liamin, T I. Prokhorchuk Izv vys. ucheb. zav, les. zhur 2 no 6,150-160 '59.

Diffusion of sugar in the hydrolysis of wood A I. Mudretsov, V N. Kozlov. Izv. vys. ucheb. zav., les zhur. 2 no. 6:123-131 '59.

Introduction of new techniques into woodpulp chemistry enterprises! A. A. Liverovskii. Gidroliz. i lesokhim. prom. 12 no. 8:4-5 '59.

WOOD—CHEMISTRY—BIBLIOGRAPHY see Bibliography—Wood—Chemistry

WOOD—DEFECTS

Abnormally thick spots in annual rings. I. M. Peshkov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:207-211 '59.

WOOD—MOISTURE

Using X-rays for determining the moisture of wood A P Bersenev, A. G. Fokina, A. K. Shtol'ts. Izv vys. ucheb. zav., les. zhur. 2 no. 6:151-153 '59

WOOD—PRESERVATION

Kondrat'ev, S. F., and T. A. Sadovnikova. [Protecting wood against decaying fungi and beetles] Zashchita drevesiny ot gnieniia i razrusheniia zhukami. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 197 p.

——— [Tables for visual determination of defects in wood] Tablitsy dlia vizual'nogo opredeleniia porokov drevesiny. 16 plates.

Searching for methods helping to increase the water resistance of wood. N. IA. Solechnik, A. I. Novosel'skaia. Trudy LTA no. 87:65-72 '59.

Slabnikov, V. N., and V. IA. Livshits. [Antisepticizing wood in construction] Antiseptirovanie drevesiny na stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 102 p.

WOOD—TESTING

Temperature corrections for testing the tensile strength of wood. R. P. Boldenkov. Izv. vys. ucheb. zav., les zh. 2 no. 6:117-122 '59.

WOOD, COMPRESSED

All-Union Conference on the production and use of chipboard and fiberboard N. V. Nikitin. Izv. vys ucheb. zav., les. zhur. 2 no. 6:160-163 '59

Compressed wood products. Biul. tekh. inform. po stroi. 5 no. 11:30 N '59.

Construction elements made of compressed wood. N. M. Ledentsov. Biul. tekh. inform. po stroi. 5 no. 11.31-32 N '59.

Effect of the initial moisture content of natural birch wood on the shrinkage and swelling of compressed wood. P. N. Khukhrianskii, V. A. Piskarev. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:190-206 '59.

Effect of the moisture content of wood on its resistance to pressing. V. A. Piskarev. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:186-191 '59.

WOOD, COMPRESSED (Continued)

Effect of the temperature of ground wood on the properties of compressed wood. A. N. Minin. Izv. vys. ucheb. zav.; les. zhur. [illegible] no. 5:130-135 '59.

Experimental laboratory equipment for pressing fiber boards under high temperatures. G. IA. [illegible] H. N. Vinogradov, O. V. Dentsov. Izv. vys. ucheb. zav.; les. zhur. [illegible] no. 5:100-108 '59.

Load capacity of compressed wood rods subjected to torsion. [illegible] Izv. vys. ucheb. zav.; les. zhur. [illegible] no. 6:156-158 '59.

Perfect substitute for metals. N. Vasil'ev. [illegible] [illegible] no. 12:10-10 [illegible]

Shapiro, A. D. [Production of wood fiber blocks and parts to be cast] Proizvodstvo stroitel'nykh plit iz volokna i drevesnykh chastits. Moskva, Goslesbum izdat, 1959. 67 p.

WOOD CARVING see subdivision under Ukraine, Western, Zhab'ye (Stanislav Province)

WOOD CARVING, KAZAKH

Wood carving among the Kazakhs. M. S. Mukanov. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR [illegible] '59

WOOD DECAYING FUNGI see subdivision under Ukraine

WOOD DISTILLATION

Continuous neutralization of [illegible] [illegible] Marmanasov, V. A. [illegible] 12 no. 8:10-11 '60.

Recovery of liquid product [illegible] V. A. [illegible] no. 80 [illegible] '60.

Yield of gas and liquid products in the [illegible] birch wood waste. V. N. [illegible] [illegible] no. 80 [illegible]

WOOD TAR

Composition of the [illegible] wood waste. V. V. [illegible] [illegible] 12 no. [illegible]

WOOD USING INDUSTRIES

Conservation of [illegible] [illegible] processing plants. V. A. [illegible] Izv. vys. ucheb. zav. [illegible]

Urgent needs of the [illegible] [illegible]

WOOD USING INDUSTRIES—CONGRESSES

All-Union scientific [illegible] Theory and Practice of [illegible] and the Wood-using [illegible] [illegible]

Second All-Union scientific [illegible] conference. [illegible]

WOOD USING INDUSTRIES—[illegible] see [illegible] Kansk

WOOD USING INDUSTRIES—EQUIPMENT AND SUPPLIES see subdivision under Arts

WOOD WASTE

Composition of the [illegible] wood wastes. V. V. [illegible] [illegible]

Classification of [illegible] V. A. [illegible] no. 8 [illegible]

Making [illegible] binding materials [illegible]

Valuable materials [illegible]

WOODPULP

(see also subdivision under [illegible])

Comparative [illegible] in determining [illegible] Manuilenko, [illegible] 11 '59

Deformation of [illegible] V. P. [illegible]

Investigating the [illegible] wood [illegible] Trudy [illegible]

Reactions of [illegible] Konikova [illegible]

WOODPULP—BIBLIOGRAPHY see Bibliography—Woodpulp

WOODPULP INDUSTRY

[illegible] no. 7 [illegible]

Increasing [illegible] no. 12 13-1 [illegible]

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible] no. 12 [illegible]

WOODWORK

Basic equations for simple cutting of wood. G. A. Vil'ke. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 4:149-153 '59.

Berdinskikh, I. P. [Gluing of wood] Skleivanie drevesiny. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 304 p.

Effect of basic operational factors on cutting strains and surface finish in tangential turning of wood. A. A. Pizhurin. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2: 181-187 '59.

Usage of the contact measuring method in evaluating the kinematic undulation of milled surfaces. N. A. Kalashov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 3: [illegible] 160 '59.

Investigating strains and specific work in polishing wood. F. V. Zimov. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 3:164-169 '59.

Tangential turning of wood. A. A. Pizhurin. Nauch. dokl. vys. shkoly; lesoinzh. delo no. 2:168-176 '59.

WOODWORKING INDUSTRIES

What hinders the introduction of automation in the wood working industry. N. A. Morozov. Mekh. i avtom. proizv. 13 no. 12:[illegible] 25 D '59.

WOODWORKING INDUSTRIES—SAFETY MEASURES

[illegible] attention to safety engineering and industrial [illegible] [illegible] no. 12 [illegible]

WOODWORKING MACHINERY

Evaluating the reliability of automatic production lines [illegible] in woodworking. A. I. [illegible] V. I. [illegible] Izv. vys. ucheb. zav.; les. zhur. [illegible] no. 5:112-116 '59

[illegible] of the automatic [illegible] of woodmilling machines in [illegible] Izv. vys. ucheb. zav.; les. zhur. [illegible]

Improved designs of [illegible] for wood-working machine [illegible] 14 no. [illegible] D '59

[illegible] of investigating the rigidity of the [illegible] Izv. vys. ucheb. zav.; les. zhur. [illegible] no. 6:101-106 [illegible]

WOODY PLANTS see subdivision under Odessa

WOOL

Changes with age in the fineness and length of wool in [illegible] Askaniya rams. O. I. Rybin. Ovtsevodstvo 5 [illegible] 12:32-35 D '59

[illegible] certificates for automatic production lines in [illegible] wool processing. I. N. Khitrik. Izv. vys. ucheb. zav.; tekh. leg. prom. [illegible] 140-145 '59

WOOL—GRADING

On the results of the discussion on the classification of [illegible] fine and medium wool grades. Ovtsevodstvo 5 no. 12:1-6 D '59

WOOL FAT

Method for fast determination of the amount of yolk in [illegible] P. A. [illegible], M. D. Maliarchuk. Ovtsevodstvo 5 no. 12:30-32 D '59

WOOLEN [illegible]

[illegible] 13 no. 3 [illegible] '59

WORK

[illegible], P. D. [On ways for overcoming current differences between physical and mental labor] Pro [illegible] podolannia istotnykh vidminnostei mizh [illegible] Kyiv, Derzh. vyd-vo [illegible] URSR, 1959. 95 p.

Kolesov, P. A. [Soviet youth finds its happiness in [illegible] work] V pratsi [illegible] shchastia radians'koi [illegible] Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 4)

[illegible], D. P. [Love for one's occupation is the way to mastery] [illegible] do profesii – shliakh do maister [illegible] Kyiv, 1960. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 5)

[illegible] of socially useful work under socialism. A. IA. [illegible] Vest. Mosk. un. Ser. ekon., filos., prava 14 no. 4:14-[illegible] '59.

WORK BOATS

[illegible] V. K. Golovko. Rech. transp. 18 [illegible] 33 [illegible]

Measurements of [illegible] in floating docks. M. A. [illegible] Sudostroenie 25 no. 12:49-54 D '59

WORK FUNCTION (PHYSICS)

[illegible] films of [illegible] on tungsten. A. H. [illegible] V. K. Pavlov. Radiotekh. i elektron. [illegible] My '60.

WORK MEASUREMENT

Effect of the design of the shoe uppers on time expended [illegible] stitching. V. M. Kluchnikova, [illegible] P. Zybin. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 5:95-105 '59

WORK STANDARDS see Production standards

WORKHOUSES

Participation of our people in the work of corrective labor colonies. V. Monakhov, S. Shevchenko. Sov. iust. no. 12: 16-18 D '59.

Patronage aid of workers to corrective labor colonies. A. Salnin, A. Kuznetsov. Sots. zakon. 36 no. 12:21-20 D '59

WORKSHOPS—EQUIPMENT AND SUPPLIES see subdivision under Sverdlovsk

WORKSHOPS, TEACHERS' see Teachers' workshops

WORKS COUNCILS

(see also subdivision under Voronezh)

How Lenin's decree on workers' control was worked out. A. V. Lozarev. Vop. ist. KPSS 4 no. 3:131-140 '60.

WORLD POLITICS

Aggravation of contradictions among imperialist countries. A. Kochetkov. Otv. na vop. trud. no. 02:40-50 '59.

The Brentano case. Nov. vrem. 18 no. 18:20 My '60.

A discussion of the future at the foot of the Acropolis. Justas Paleckis. Nov. vrem. 18 no. 20:14-17 My '60

Excerpts from N. S. Khrushchev's speech delivered in Baku on the 25th of April, 1960. Nov. vrem. 18 no. 18: 10-11 My '60.

Fifteen years after. Nov. vrem. 18 no. 19:1-2 My '60

The 15th anniversary of the First World Trade Union Conference in London and the present problem of international trade union united action. Louis Saillant. Vsem. prof. dvizh. no. 4:1-3 Ap '60.

For peace and friendship among peoples! Sov. profsoiuzy 4 no. 13:4 '60.

Guardian of "useless assets." IA. Viktorov. Mezhdunar. zhizn' 7 no. 5:131-133 My '60.

How to prepare for a lecture on world politics. G. Salitov, G. Deborin. Agitator no. 23:58-61 D '59

Instructive testimony. V. Matveev. Mezhdunar. zhizn' 7 no. 5:141-143 My '60.

The international day of united struggle. Vsem. prof. dvizh. no. 4:2-4 Ap '60.

Lasting peace should follow the slackening of tension. V. Korionov. Agitator no. 23:7-11 D '59.

The light of the October Revolution will always shine on us. Dnestr no. 4:3-4 D '59

May Day. Nov. vrem. 18 no. 18:1-2 My '60.

May Day message from the World Federation of Trade Unions to the workers of the world. Vsem. prof. dvizh. no. 4:4 Ap '60

New phase in the relations between nations. D. Mel'nikov. Mir. ekon. i mezhdunar. otn. no. 5:10-32 My '60.

On the eve. Nov. vrem. 18 no. 20:1-3 My '60

On the eve of the summit conference. V. Korionov. Nov. vrem. 18 no. 19:8-11 My '60.

On the relations between East and West. Nelson Rockefeller. Mezhdunar. zhizn' 7 no. 5:128-130 My '60.

Our position. Johannes Dieckmann. Nov. vrem. 18 no. 19:6-7 My '60.

Paris conference. Mezhdunar. zhizn' 7 no. 5:3-6 My '60.

The people wait. Sarvapalli Radhakrishnan. Nov. vrem. 18 no. 19:8 My '60.

Peoples intensify their struggle against reactionary governments. V. Mikheev. Kommunist 37 no. 8: 99-104 My '60.

The position of the West. Nov. vrem. 18 no. 17:16-17 Ap '60

Rosenko, I. A. [Twenty first Congress of the CPSU on the practical possibility of banishing world war from civilization] XXI s"ezd KPSS o real'noi vozmozhnosti ustraneniia mirovoi voiny iz zhizni obshchestva. [Leningrad] Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR Leningr. otd. nie, 1960. 63 p.

The Second World War must remain the last in history. N. Talenskii. Mezhdunar. zhizn' 7 no. 5:20-30 My '60.

Summons to unity and solidarity. M. Sychov. Agitator no. 24:30-30 D '59

World events. Nov. vrem. 18 no. 17:32 Ap '60

World events. Nov. vrem. 18 no. 18:32 My '60.

World events. Nov. vrem. 18 no. 19:32 My '60.

World events. Nov. vrem. 18 no. 20:32 My '60

WORLD WAR, 1939-1945

(see also subdivision under Czechoslovakia; Dnieper Valley; Hungary; Poland, Sadkovtsy; Ukraine; White Russia)

Against the distortion of the history of the Second World War. V. Chuikov. Komm. Ukr. 35 no. 11:10-20 N '59

Army of heroes. V. Poznlak. Voen. znan. 36 no. 5:4 My '60

[The Communist Party during the Great Patriotic War, June 1941-1945, a collection of references] Kommunisticheskaia partiia v period Velikoi Otechestvennoi voiny, iun' 1941 goda-1945 god, sbornik konsul'tatsii. [Moskva] Mosk. rabochii, 1960. 231 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

Great historical victory. A. I. Eremenko. Voen. znan. 36 no. 5:1-3 My '60

WORLD WAR, 1939-1945 (Continued)

How to study the theme "The Communist Party during the Great Partiotic War, June 1941-1945." I. Stupnikov. Komm. Bel. 33 no. 11:58-63 N '59.

New step in studying the history of the Second World War. G. N. Goroshkova. Vest. AN SSSR 30 no. 4:125-129 Ap '60.

The Second World War must remain the last in history. N. Talenskii. Mezhdunar. zhizn' 7 no. 5 20-29 My '60.

Tel'pukhovskii, B. S. [World-wide historical significance of the victory of the U. S. S. R. in the Great Patriotic War] Vsemirno-istoricheskoe znachenie pobedy SSSR v Velikoi otechestvennoi voine. Moskva, Izd-vo "Znanie," 1960 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 14)

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Road to victory. I. Krestovskii. Kryl. rod. 10 no. 12: 21-23 D '59.

Veteran pilots reminisce ("Stars on the wings" by I. F. Shipilov, S. M. Fedoseev Reviewed by N Zakharchenko) Kryl. rod 10 no. 11 16 N '59

WORLD WAR, 1939-1945—CAMPAIGNS

Memoirs of a Soviet marshal ("In the western sector" by A I Eremenko Reviewed by I Varennikov) Voen znan 36 no 5 35 My '60

WORLD WAR, 1939-1945—CHILDREN see subdivision under Mogilev Province

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Byrnes, James Francis. [Frankly speaking. Translated from the English] Govoria otkrovenno. Regensburg, Izd-vo "Ekho." 1948. 72 p.
(WU)

History of a great alliance ("Diplomatic history of the Great Patriotic War" by V. L. Israelian. Reviewed by B. Marushkin). Mezhdunar. zhizn' 7 no. 5 144-146 My '60.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS see subdivision under Tajikistan

WORLD WAR, 1939-1945—FICTION

Solov'ev, V. K. [At Naro-Fominsk] Pod Naro-Fominskom. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 190 p.

WORLD WAR, 1939-1945—HISTORY

Concerning the publication of "A history of the Great Patriotic War of the Soviet Union, 1941-1945", in six volumes. Ist. SSSR 3 no. 6 211-212 N-D '59.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

From Chernigov to Berlin V Semin Voen znan 36 no 5 5 My '60

The U-312 heads east H. Oliva Sov Kazakh 24 no 2 86-95 F '58

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Animated pages of a diary I Grinberg Moskva 3 no 9 185-188 '59

Fate of the banner and the people S Ter-Oganesian Ogonek 37 no 52 23 D '59

Khomich, I. F. [We have returned; as told to E. Levakovskaia] My vernulis'. Literaturnaia obrabotka E. Levakovskoi. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 140 p.

[Siberian Volunteers; a collection] Sibirskaia dobrovol'cheskaia; sbornik. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 305 p.
(NNC)

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

The commissar is alive. I. Vietrov. Ukraina no. 23:11 D '59.

WORLD WAR, 1939-1945—TRANSPORTATION

Documentary materials concerning the work and achievements of Soviet railwaymen during the years of the Great Patriotic War. G. A. Kumanev. Ist. arkh. no. 6: 192-194 N-D '59.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

(see also subdivision under Lvov Province; Minsk; Ukraine; White Russia)

Titov, A. F. [Road of friendship; a partisan's notebook] Doroga druzhby; zapiski partizana. Minsk, Gos. izd-vo BSSR, 1958. 269 p.
(NN)

Veterans of the Resistance Movement speak; report. I. Andronova. Nov. vrem 18 no. 19:19-20 My '60.

Virshulis, A. M. [Path of heroes. Translated from the Lithuanian] Put' geroev. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 190 p.

WORM-GEAR see Gearing, Worm

WORMS

Worms-plowers. IUn. tekh. 4 no. 11:65 N '59.

WORMS, INTESTINAL AND PARASITIC

(see also subdivision under Astrakhan Province; Kirghizistan; Komandorskiye Islands; Novosibirsk Province, Sverdlovsk Province)

Basic tasks of scientific and practical work in controlling diphyllobothriasis in the U S. S. R. Z. G. Vasil'kova. Med. paraz i paraz. bol. 26 no. 6:700-708 N-D '57.

Degree of contamination of environment of helminth eggs during the treatment of leminthiases, experimental investigations [with summary in English] P G. Sergiev, A. I Krotov Med paraz i paraz bol 28 no 5 584-585 S-O '59.

First interprovince conference on scientific and practical work in the control of diphyllobothriasis. T. S Sheliapina, A. I. Trofimova, Z. V. Kurochkina. Med. paraz. i paraz. bol 26 no. 6:752-754 N-D '57.

Role of wild animals in the formation of foci of diphyllobothriasis. T. P. Chizhova. Med. paraz. i paraz. bol. 26 no. 6 710-714 N-D '57.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. [Works on helminthology; on Academician K. I. Skriabin's 80th birthday] Raboty po gel'mintologii, k 80-letiiu akademika K. I. Skriabina. Moskva, Izd-vo M-va sel'. khoz. SSR.
No. 1. 1959. 217 p.

WORMWOOD

(see also subdivision under Balkhash region; Chayan District; Odessa Province)

Rapid polarographic method of studying Artemisia santonin. T'eng Shu-hao, Dzhou T'on-kui. Apt. delo 8 no. 6:64-67 N-D '59.

WOUNDS

Clinical course of wounds of the maxillary region in acute radiation injury, experimental study [with summary in English]. V. S. Dmitrieva. Vest. rent. i rad. 31 no 2: 52-56 Mr-Ap '59.

Concerning the so-called "new sign" of intravital trauma proposed by V. I. Akopov. N. P. Marchenko, L. A. Semenenko. Sud.-med ekspert. 2 no. 3:56-58 Jl-S '59.

Determination of the period for the healing of bruises V I Kononenko Sud-med ekspert 2 no 1 19-22 Ja-Mr '59.

Problems of traumatology and reconstructive surgery in the seven-year plan. I. M. Grigorovskii. Sov. med. 23 no. 12:3-7 D '59.

WOUNDS—BACTERIOLOGY

Microflora of slow-healing gunshot wounds of the soft tissues. G. G. Mamedzade. Azerb. med. zhur. no. 12: 20-26 D '59.

WOUNDS—TREATMENT

Auto- and homotransplantation of skin in treatment of trophic ulcers and long-term unhealed wounds [with summary in English]. P. M. Medvedev. Vest. khir. 83 no 11:60-64 N '59.

Homoplastic transplantation of split skin flaps in treatment of large granulating wounds in children [with summary in English]. N. I. Butikova. Vest khir. 83 no 11: 71-75 N '59.

WRASSE see subdivision under Black Sea

WRESTLING

[Greco-Roman and free-style wrestling; rules for competition] Klassicheskaia i vol'naia bor'ba; pravila sorevnovanii. Moskva, Gos. izd-vo "Fizkul'tura," 1959. 47 p.

WRIST—TUMORS

Sarcoma of the soft tissue of the wrist joint. S. F. Vintergal'ter. Vest. rent. i rad. 34 no. 2:85-86 Mr-Ap '59.

WU, LIANG-HU

For the sake of our common cause. Kuo Mei-ni Druzhba no 49 24 D '59.

WUHAN, CHINA—STEELWORKS

New center of heavy industry. Li I-ching. Druzhba no. 43: 28 O '59.

X-RAY CRYSTALLOGRAPHY

Dependable helper of geologists. IE. Kukovs'kyi. Nauka i zhyttia 8 no. 10 23-26 O '58.

Methods for making X-ray determinations of the thermal expansion tensor in crystals with low symmetry. Z. I. Ezhkova, G. S. Zhdanov, M. M. Umanskii Kristallografiia 4 no. 5:723-726 S-O '59.

X-ray examination of the structure of strontium, lead, and barium metatantalates and of the systems (Pb, Ba, Sr. Ca)Nb_2O_6 and (Pb, Sr, Ba)Nb_2O_6. I. G. Ismailzade. Kristallografiia 4 no. 5:658-662 S-O '59.

X-ray structure study of crystals of dinitrotetrammine-nickel M. A. Porai-Koshits, L. M. Dikareva. Kristallografiia 4 no. 5:650-657 S-O '59.

X RAYS

Determination of corrections in measuring the intensity of X rays. L. Kh Pivovarov. Zav. lab. no. 11:1332 '59.

Isotopic composition of ore lead and age of minerals containing U, Th, and Pb according to the data of mass spectrometry and X-ray spectrum. K. I. Narbutt and others. Trudy IGEM no. 28:122-137 '59.

X RAYS—DIFFRACTION

Analysis of changes in intensity and width of X-ray interference bands of Fe-Co alloys under the effect of deformation. G. M. Vorob'ev. Izv. vys. ucheb. zav., chern met. 2 no. 9:101-110 S '59.

Diffraction of X rays in polycrystalline samples of hydrogen isotopes [with summary in English]. V. S. Kogan, B G. Lazarev, R. F. Bulatova. Zhur. eksp. i teor. fiz. 37 no. 3:678-683 S '59.

X RAYS—EQUIPMENT AND SUPPLIES

Camera for the precise determination of crystal lattice constants at high temperatures. A. V. Beletskii. Zav. lab no 11:1397 '59.

Modernization of the wiring system in the URD-105-M and URDd-110 apparatus. V. I. Bulatov, A. Z. Shvartsman. Vest. rent. i rad. 34 no. 2:71-75 Mr-Ap '59.

X-ray camera for the examination of the mosaic structure of cast crystals. D. E. Ovsienko, G. S. Svirskii Zav. lab. 25 no. 12:1522-1523 '59.

X RAYS—INDUSTRIAL APPLICATIONS

Additional weakening of X-ray interferences in metal powder specimens. A. E. Koval'skii, S. V. Semenovskaia Fiz. met. i metalloved. 8 no. 5:794-796 N '59.

Using X-rays for determining the moisture of wood A P. Beresnev, A. G. Fokina, A. K. Shtol'ts Izv. vys ucheb zav, les zhur 2 no 6 151-153 '59

Varshalovich, A. A. [Manual for roentgenographic entomological examination of quarantinable seeds] Rukovodstvo po karantinnoi entomologicheskoi ekspertize semian metodom rentgenografii. Moskva, Izd-vo M-va sel'khoz. SSSR, 1958. 92 p.

X-ray investigation of diffusion in two thin layers of metal M. A Levitskaia, R L. Fogel'son. Izv. vys ucheb. zav., chern met. no 3:117-121 '60.

X-ray investigation of the fatigue mechanism in 35KhNM alloy steel V. M. Bulko, IU S. Terminasov Izv. vys ucheb. zav.; chern. met. no 3:73-77 '60.

X RAYS—PHYSIOLOGICAL EFFECT

Autoinfection in rabbits infected with syphilis and irradiated with X rays. F. A. Khomich. Zdrav. Belor. 5 no. 12:32-33 D '59

Clinical aspects of radiation injuries of the bone during roentgenotherapy [with summary in English]. J. Kolif, R. Vrabec. Vest. rent. i rad. 34 no. 2:43-47 Mr-Ap '59.

Clinical course of wounds of the maxillary region in acute radiation injury, experimental study [with summary in English]. V. S. Dmitrieva. Vest. rent. i rad. 34 no. 2: 52-56 Mr-Ap '59.

Chromosomal aberrations and disorders in the mitotic activity as factors limiting tissular reparation after radiation. I. M. Shapiro. Dokl. AN SSSR 131 no. 6: 1437-1439 Ap '60.

Effect of ionizing radiation on fetal development under experimental conditions [with summary in English]. S. L. Petrosian, Z. F. Lopatnikova. Vest. rent. i rad. 34 no. 2:38-42 '59.

Effect of X rays on p-aminobenzoic acid synthesis by cultures of Saccharomyces cerevisiae and Torulopsis utilis [with summary in English]. L. A. Solivoratova. Mikrobiologiia 28 no. 6:830-834 N-D '59.

Effect of X rays on the permeability of the placenta and histohematic barriers of the fetus in maternal organisms irradiated at different periods of pregnancy [with summary in English]. G. V. Nizhnik, I. D. Luk'ianova. Zhur. ob. biol. 20 no. 6:477-478 N-D '59.

Reaction of the germinal epithelium of the testicle following local and total-body X-irradiation. O M. Ronichevskaia. Izv Sib. otd AN SSSR no 10 138-141 '59

Spectroscopic characteristics of biochemical shifts in liver lipids of irradiated rats. E. B. Burlakova and others. Dokl. AN SSSR 132 no. 2:467-469 My '60.

Studying the process of artificial selection under conditions of natural variability and variability experimentally induced by X irradiation [with summary in English]. P F. Rokitskii Biul. MOIP. Otd. biol. 64 no. 4:75-97 Jl-Ag '59.

X RAYS—SCATTERING

Effect of the fluctuation of correlation parameters on the scattering of X rays and thermal neutrons by solid solutions. M. A. Krivoglaz. Fiz. met. i metalloved. 8 no. 5:646-666 N '59.

Study of natural sorbents using the method of small-angle X-ray scattering. V. T. Bykov, L. B. Nepomniashchii, V. N. Sushin. Izv. AN SSSR Otd. khim. nauk. no. 3: 385-388 '60.

Theory of the scattering of X rays by mosaic crystals A. G. Khachaturian Kristallografiia 4 no. 5:646-649 S-O '59.

X RAYS—THERAPEUTIC USE

Evaluation of the effectiveness of X-ray therapy in certain forms of cancer of the larynx [with summary in English]. T. A. Cherniakova. Vest. otorin. 21 no. 6:75-77 N-D '59.

RUM-7 apparatus for Chaul therapy in cancer of the skin and mucosa. A. I. Ruderman, L. F. Uspenskaia. Vest. rent. i rad. 34 no. 2:67-71 Mr-Ap '59.

X RAYS—THERAPEUTIC USE (continued)

Roentgenotherapy of late traumatic disorders of the brain [with summary in English]. I. I. Rozenblit, M. I. [illegible]. Vest.rent.i rad. 34 no.2:[illegible] Mr-Ap '59.

Role of roentgenotherapy in the complex treatment of the eye and its adnexa [with summary in English]. A. I. [illegible], A. A. Tikhomirova. Vest.oft. [illegible] Jl-Ag '59.

Treatment of malignant melanoma [with summary in English]. M. M. [illegible]. Vest.rent.i rad. [illegible] no.2:[illegible] Mr-Ap '59.

XANTHATES

Study of the reaction of alkaline metal xanthogenates with copper salts. I. N. Plaksin, N. A. [illegible], V. A. [illegible]. Zhur.prikl.khim. [illegible] Ap '59.

Technology of the continuous production of dry xanthogenates. N. I. Gal'perin and others. Khim.nauka i prom. 4 no.[illegible] '59.

XANTHIC ACIDS

Influence of certain conditions on the surface properties on the interaction between xanthate and galena. I. N. Plaksin, R. Sh. Shafeev. Dokl. AN SSSR [illegible] Mr '60.

Metal xanthogenates. [illegible]. Izv.vys.ucheb.zav.; khim.i khim.tekh. [illegible] '59.

XANTHINE OXIDASE

Functional interrelations of xanthine oxidase and [illegible] oxidase [with summary in English]. [illegible] I. M. [illegible]. [illegible] '59.

XYLENE

Kinetics of the sulfonation of xylene [illegible] [illegible]. Zhur.prikl.khim. [illegible] Ag '59.

XYLENESULFONIC ACID

Kinetics of the hydrolysis of sulfonic acids [illegible] [illegible]. [illegible], M. G. [illegible]. Zhur.prikl.khim. 32 no.[illegible] D '59.

YAGNOB VALLEY—BURIAL, BURIALS

[illegible] the [illegible] Yagnob [illegible]. B. B. [illegible], [illegible]. [illegible]

YAKSU VALLEY—GEOLOGY, STRUCTURAL

Tectonic structure of the Yaksu [illegible]. [illegible]

YAKHROMA RESERVOIR—FRESH WATER FAUNA

Feeding of the caterpillars of [illegible] L., Nymphula nymphaeata L. [illegible] (Pyralididae, Lepidoptera). [illegible]. Trudy [illegible]

YAKUT LANGUAGE—DIALECTS

Dialectological [illegible] [illegible] '59.

YAKUTIA—AGRICULTURE—STATISTICS

Akademiia nauk SSSR. [illegible] filial, Yakutsk. [Materials on the economy of the agriculture of Yakutia] Materialy po ekonomike sel'skogo khoziaistva Iakutii. Moskva, Izd-vo Akad.nauk SSSR, 1959. 162 p. (MIRA)

YAKUTIA—BORING

Analyzing the present state of core drilling in Yakutia. A. N. Vasil'ev. Izv.vys.ucheb.zav.; geol.i razved. 2 no.8:138-144 Ag '59.

YAKUTIA—CULTURE

Northern lights. [illegible]

YAKUTIA—FALCONS

Materials on the ecology of the peregrine falcon of Yakutia [with summary in English]. O. V. [illegible]. Zool.zhur. 38 no.1:112-123 Ja '59.

YAKUTIA—GAS, NATURAL—GEOLOGY

Current problems relating to gas prospecting in the Yakut A.S.S.R. V. V. Vasil'ev and others. [illegible] no.1:[illegible] Ja '59.

YAKUTIA—SEDIMENTS (GEOLOGY)

Composition and source material of Bilakh sediments in the Markha Tyung [illegible] interfluve (Yakut A.S.S.R.). D. K. Gorbunov. Izv.vys.ucheb.zav.; geol.i razved. 2 no.8:85-97 Ag '59.

YAKUTIA—TITANITE

Titanites from [illegible] rocks [illegible] [illegible] V. A. Moleva. Izv.AN SSSR [illegible] 151-154 My '59.

YAKUTIA—TRANSPORTATION

Problems in developing the economy and transport of [illegible] in the northeastern part of the Yakut A.S.S.R. and Magadan Province [illegible] northern sea route. [illegible] Probl.Sev. no.3:137-154 '59.

Transportation in northern Yakutia and principal problems in its development. G. I. [illegible]. Probl.Sev. no.3:[illegible]-167 '59.

YAKUTSK—PARACHUTING

In the land of diamonds and gold. P. Ivanov. Kryl.rod. 10 no.11:25 N '59.

YALAMA REGION (AZERBAIJAN)—PALEOBOTANY, STRATIGRAPHIC

Some data on upper Miocene vegetation on the basis of a spore and pollen analysis of the area around Yalama (Azerbaijan) [in Azerbaijani with summary in Russian]. Kh. S. D. [illegible]. Dokl.AN Azerb.SSR 15 no.12:1143-1146 '59.

YALCHIKI DISTRICT—COLLECTIVE FARMS

The seven year plan in four years. V. Zaitsev. [illegible] 31 no.1:[illegible] Ja '60.

YAMAL-NENETS NATIONAL AREA—SAMOYEDS

From the history of land and property relations among the Yamal Nenets [with summary in English]. M. M. [illegible]. Sov.etn. no.6:[illegible] N-D '59.

YANGI-YUL' DISTRICT—COLLECTIVE FARMS

How the Kirov Collective Farm of Yangi-Yul' District prepared for the forthcoming plenum of the Central Committee of the C.P.S.U. [illegible], I. Davydov. Khlop. [illegible] no.12:[illegible] D '59.

YANGTZE VALLEY—SOILS

[illegible] of the agricultural regions of Central China; from field observations in the Yangtze Basin. S. A. Shuvalov. [illegible] no.11:[illegible] N '59.

YARKOVO DISTRICT—PUBLIC HEALTH

District [illegible] matter of work. N. Alkatov, V. [illegible]. [illegible] no.8:[illegible] '59.

YAROSLAVL—CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

[illegible] of reconstruction. A. Arkhangel'skii. [illegible]

[illegible] in fire prevention in industrial enterprises. [illegible] '59.

YAROSLAVL—SWINE—FEEDING AND FEEDS

[illegible] utilization of blood in small meat processing [illegible]. I. [illegible]. Miaa ind. [illegible] '59.

YAROSLAVL PROVINCE—SYMPHONY ORCHESTRAS

[illegible] collective farms. A. Moros. Sov.muz. 24 [illegible] '60.

YAROSLAVL PROVINCE—TRADE UNIONS

[illegible] Central Council of Trade Unions. [illegible] '59.

YARTSEVO—FLOUR MILLS

[illegible] Yartsevo Flour Mill in producing [illegible]. I. [illegible] and others. Muk.-elev.prom. 25 no.12:[illegible] D '59.

YEAST

The [illegible] type vacuum filter for filtering yeast fluid. A. V. [illegible]. Biul.tekh.-ekon.inform. no.11:59-60 '59.

[illegible] activity of yeasts and lactic bacteria in [illegible] wheat bread. [illegible]. Khleb.i kond.prom. 3 no.5:[illegible] My '59.

Effect of table salt concentration in the substance on the fermentation activity of yeast. N. I. Beraina, I. M. Roiter. Izv.vys.ucheb.zav.; pishch.tekh. no.5:51-56 '59.

Effect of X rays on p-aminobenzoic acid synthesis by cultures of Saccharomyces cerevisiae and Torulopsis utilis [with summary in English]. L. A. Seliverstova. Mikrobiologiia 28 no.6:830-834 N-D '59.

Extraordinary yeast. D. Rozen. Moskva 3 no.8:221 '59.

[illegible] of the production of alcohol, fodder [illegible] yeasts. [illegible]. Gidroliz.i lesokhim.prom. 12 no.[illegible] '59.

[illegible] of the dynamics of lesions produced in yeast cells by ultraviolet rays of various wave lengths [with summary in English]. N. V. Koviazin. Zhur. [illegible] no.[illegible] N-D '59.

Study of some phosphorus compounds in yeasts [with summary in English]. S. A. Konovalov, R. N. Grebnikova. Mikrobiologiia 28 no.6:838-843 N-D '59.

Vitamin-forming properties of various strains of fodder yeasts. A. P. Kriuchkova, N. I. Korotchenko, G. S. [illegible]. Gidroliz.i lesokhim.prom. 12 no.6:7-10 '59.

YEGORLYK BAY—OYSTERS

Oysters of Yegorlyk Bay [with summary in English]. V. A. Sal'skii. Zool.zhur. 38 no.1:132-133 Ja '59.

YEGORLYKSKAYA DISTRICT—FRUIT CULTURE

In the orchards of Yegorlykskaya District. A. A. Il'inskii. Sad i og. [illegible] no.11:34-36 N '59.

YELETS VALLEY—AMMONOIDEA

New representative of ammonites from middle Devonian deposits of the Yelets Valley. B. I. Bogoslovskii. Paleont. zhur. no.1:61-65 '59.

YEMETS RIVER—SALMON

Natural reproduction of salmon in the Yemets River. V. S. Mikhin. Vop.ikht. no.13:92-100 '59.

YENISEY BAY REGION—PALEONTOLOGY

Quantitative characteristics of marine faunal complexes in the Sanchugovka and Kazantseva strata of Quaternary deposits in the northern part of the Yenisey Valley. S. L. Troitskii. Sbor.st.po paleont.i biostrat. no.12:80-93 '59.

YENISEY RIVER—NAVIGATION

Should the underwater part of Yenisey River steel ship hulls be painted. V. N. Starozhev. Rech.transp. 18 no.11:21-22 N '59.

YENISEY VALLEY—BIRDS

Recent data on the distribution of birds in the taiga of the Yenisey Valley. Report No.2. E. E. Syroechkovskii, E. V. Rogacheva. Probl.Sev. no.3:91-97 '59.

YENISEY VALLEY—GAS, NATURAL—GEOLOGY

Oil and gas prospecting in the Ust'-Yenisey area. V. N. Sokolov. Trudy NIIGA 93:108-110 '59.

YENISEY VALLEY—GEOLOGY

Basic stages in the geological development of the northern part of the Lena-Yenisey area. I. P. Atlasov. Trudy NIIGA 93:61-71 '59.

YENISEY VALLEY—KETS

Terms denoting consanguinity and affinity among the Yenisey Kets [with summary in English]. A. P. Dul'zon. Sov.etn. no.6:[illegible] N-D '59.

YENISEY VALLEY—PETROLEUM GEOLOGY

Oil and gas prospecting in the Ust'-Yenisey area. V. N. Sokolov. Trudy NIIGA 93:108-110 '59.

YEVPATORIYA REGION—CAMELS, FOSSIL

A camel from Pontian deposits of the Crimea. L. I. Alekseeva. Paleont.zhur. no.3:[illegible] '59.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH

(see also subdivision under France)

A history of Soviet youth's participation in rendering virgin and unused land arable, 1954-1956. Ist.SSSR 3 no.6:[illegible] N-D '59.

Kolesnik, P. A. [Soviet youth finds its happiness in industrious work] V pratsi — shchastia radians'koi molodi. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 9, no. 4)

Young generation. Iu. Voronov. Sov.pech. no.12:60-66 D '59.

YOUTH—CONGRESSES

At the Vienna Festival. Iu. Korolev. Sov.foto 19 no.11: 30-31 N '59.

The insignia and the rose. V. Volodkin. Sov.foto 19 no.11:19 N '59.

[Songs of youth over Vienna] Pesni iunosti nad Venoi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 206 p.

Vikhin, V. P., and G. F. Tikhmeneva. [The world-wide festival] Red and Vsemirnyi. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 69 p.

YSAYE, EUGENE, 1858-1931

Ginzburg, L. S. [Eugene Ysaye] Ezhen Izai. Moskva, Gos.muzykal'noe izd-vo, 1959. 108 p.

YTTERBIUM—ANALYSIS

Quantitative determination of ytterbium in the presence of large amounts of erbium by means of oscillographic polarography [with summary in English]. IA. P. Gokhshtein, G. A. Kolyreva. Zhur.anal.khim. 14 no.6: 691-695 '59.

YTTRIUM COMPOUNDS

Stability constant of the YF^{2+} ion. G. B. Seifer. Zhur.neorg. khim. 4 no.12:2812-2814 D '59.

YUCCA

New interrelationships resulting from new conditions of life, exemplified by the yucca. F. N. Rusanov. Uzb.biol. zhur. no.5:74-75 '59.

YUGOSLAVIA—ARCHIVES

Documentary materials on the history of Russian-Yugoslav relations in the archives of the Federal People's Republic of Yugoslavia. E. G. Rashkov, L. N. Krivoshein. Ist.SSSR 3 no.6:200-205 N-D '59.

YUGOSLAVIA—ECONOMIC CONDITIONS

They still defend their old revisionist line. B. Ponomarev, F. Konstantinov, Iu. Antropov. Kommunist 37 no.8: 24-40 My '60

YUGOSLAVIA—FOREIGN RELATIONS

They still defend their old revisionist line. B. Ponomarev, F. Konstantinov, Iu. Antropov. Kommunist 37 no.8: 24-40 My '60

YUGOSLAVIA—FOREIGN RELATIONS—RUSSIA

Documentary materials on the history of Russian-Yugoslav relations in the archives of the Federal People's Republic of Yugoslavia. E.G. Baskakov, L.N. Krivoshein. Ist.SSSR 3 no.6:200-203 N-D '59.

YUGOSLAVIA—ORTHODOX EASTERN CHURCH—PERIODICALS

Review of "Glasnik," journal of the Serbian Orthodox Church, no.1, January 1960. Zhur. Mosk. Patr. no.5:73-74 My '60.

YUNNAN PROVINCE—BASIDIOMYCETES

A new fungus species of the family Boletaceae hitherto unknown in China. B. P. Vasil'kov. Bot. zhur. 44 no.10:1479-1480 O '59.

YURGI—APARTMENT HOUSES

Demonstration building of an apartment house in the city of Yurgi. V. Milovidov. Zhil. stroi. no.12:6-8 '59.

ZABOLOTNYI, DANIIL KIRILLOVICH, 1867-1929

Invaluable reward. Ol. Shemetov. Ukraina no.2:8 Ja '60.

ZADRUGA see subdivision under Serbia

ZAGLIK (AZERBAIJAN)—ALUNITE

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 1. G. M. Kaperman. Trudy Inst. khim. AN Gruz. SSR 14: 203-230 '59.

Preparation of alums and aluminum sulfate, based on Zaglik alunites and the sulfuric acid waste from the acid tars of the petroleum refining industry. Part 2. G. M. Kaperman. Trudy Inst. khim. AN Gruz. SSR 14: 231-252 '59.

ZAGORSK—TOYS—EXHIBITIONS

Visiting toys. O. Vysotskaia. Iskusstvo 22 no.11:28-31 '59.

ZAGRADNICEK, JAN, 1882-1958

Professor Jan Zagradnicek; obituary. M. Jaros. Ortop., travm. i protez. 20 no.4:81 Ap '59.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKHLAMINO (OMSK REGION)

In the oil regions of our country. Neftianik 4 no.9:30-31 S '59

ZALKA, MATE, 1896-1937

Gordon, IA.I. [Heroic life of Maté Zalka, General Lukac] Geroicheskaia zhizn' Mate Zalka-generala Lukacha. Moskva, Voen.izd-vo, 1959. 167 p.
(CR-II)

ZAMARAEV, GAVRIIL TIKHONOVICH, 1758-1823

Sculptor G. T. Zamaraev. F. Liakh. Iskusstvo 22 no.12: 63-67 '59.

ZAPOROZH'YE—IRON AND STEELWORKERS

After the factory whistle blows. P. Deshko. Okhr. truda i sots. strakh. no.12:16-17 D '59.

ZAPOROZH'YE—STEELWORKS

Machines supplant manual work. I. IAtskevich. NTO no.11:57 N '59.

"Three-year plan of the plant." A. Semenov. NTO no.11:58 N '59

ZAPOROZH'YE PROVINCE—RESEARCH, INDUSTRIAL

Toward the same purpose. A. Geselev. NTO no.11:56 N '59

ZAPOROZH'YE PROVINCE—ROADSIDE IMPROVEMENT

Using large nursery stock in roadside planting. I.IA. Moroz. Avt.dor. 22 no.12:18-19 D '59.

ZATAEVICH, ALEKSANDR VIKTOROVICH, 1869-

Kazakh musical figures in the works of A. V. Zataevich [In Kazakh with summary in Russian]. B.G. Erzakovich. Vest. AN Kazakh.SSR 15 no.11:21-30 N '59.

ZAYSAN REGION—FISHES, FOSSIL

Neogene fauna of fresh-water fishes in the Zaysan Depression and the West Siberian Lowland. V.D. Lebedev. Vop. ikht. no.12:28-60 '59.

ZAYSAN REGION—GEOLOGY

Recent data on the geology of Paleozoic formations in the Saur, Saykan, Manrak, and Eastern Tarbagatay Ranges. G. L. Bel'govskii, L. A. Ektova. Dokl. AN SSSR 132 no.1:172-174 My '60.

ZEMIATCHENSKII, PETR ANDREEVICH, 1856-1942—BIBLIOGRAPHY see Bibliography—Zemiatchenskii, Petr Andreevich, 1856-1942

ZEOLITES see subdivision under Samozvanka Valley

ZERAVSHAN VALLEY—ALLUVIUM

Some characteristics of the formation and structure of mountain alluvium based on a study of the Zeravshan River. A. A. Chistiakov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.2:113-121 '59.

ZETKIN, KLARA, 1857-1933

[illegible], Z.S. [Klara Zetkin] Klara TSetkin. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 113 p.

ZEYA VALLEY—FROZEN GROUND

Residual polygonal-wedge relief in the Zeya Basin. [illegible] Khomichevskaia. Trudy Inst. [illegible] AN SSSR 16: [illegible] '60

ZGORZELEC REGION, POLAND—HYDROELECTRIC POWER STATIONS

Working together. A. Panfilov. Nov. vrem. 18 no.18: 27-28 My '60.

ZGORZELEC REGION, POLAND—LIGNITE

Working together. A. Panfilov. Nov. vrem. 18 no.18: 27-28 My '60

ZHAB'YE (STANISLAV PROVINCE)—WOOD CARVING

Wood carving in the village of Zhab'ye and its vicinity. I.M. Mattsiuk. Nar. tvorch.ta etn. 3 no.3:88-89 Jl-S '59.

ZHALAULY, LAKE—SALTS

Chemistry of Lake Zhalauly and how it can be put to use. A.B. Bektimirov, A.I. Mun, [illegible]. Vest. AN Kazakh. SSR 15 no.12:41-47 D '59.

ZHARLY VALLEY—EROSION

Type of erosion system of the Zharly River Delta. G. Z. Popova. Trudy Sekt. geog. AN Kazakh. SSR no.5:[illegible] '59.

ZHDANOV—STEEL INDUSTRY

We use hidden potentialities. V. Shkuropat. Agitator no.24:30 D '59.

ZHERDEVKA—SUGAR MACHINERY

Testing a continuous diffuser at the Zherdevka factory. S. M. Grebeniuk. Sakh. prom. [illegible] D '59.

ZHITOMIR—FLAX INDUSTRY

Flax combine in Zhitomir. [illegible] Ukraina no.24 [illegible] D '59

ZHITOMIR—POTTERY

Materials on the Chernyakhov culture in the collections of the Zhitomir Local Lore Museum. I. S. Vinokur. Sov. arkheol. no.4:245-248 '59

ZHITOMIR—RESTAURANT MANAGEMENT

Good beginning made in Zhitomir. Obshch. pit. no.12: 9-10 D '59.

ZHUKOVA, IRINA ALEKSANDROVNA

Irina Aleksandrovna Zhukova. [illegible] D '59.

ZHUKOVSKIY—DISABILITY EVALUATION

A closely knit group of experts. V. Viktorov. Sots. obesp. 20 no.12:10 D '59.

ZIMIN, NIKOLAI PETROVICH, d. 1959

Nikolai Petrovich Zimin. [illegible] 12 [illegible] D '59.

ZINC

Activity and selectivity of a zinc catalyst in reactions involving the hydrogenation of the acetylenic and ethylenic bond. L. Kh. Freidlin, V. I. Gorshkov. Izv. AN SSSR. Otd. khim. nauk [illegible] Ag '59.

Anomalous properties of zinc. A. A. [illegible], I. I. Davidova. Dokl. AN SSSR 132 [illegible]

Electrical transfer in Cd and Zn. [illegible] Khar'kov. Ukr. fiz. zhur. 4 no.4:557-559 Jl-Ag '59.

Phase transformations of solid state zinc. A. F. [illegible], M. I. Kochnev. Trudy Inst. met. UFAN SSSR no.3: 37-42 '59.

Preparation of sodium chlorite by the reduction of chlorine dioxide by zinc. V. V. [illegible], A. [illegible], N. G. [illegible] Khim. prom. [illegible] '59.

Removal of zinc from viscose waste waters. IA. [illegible] kin, I. A. Vol'f, IU. E. [illegible] Khim. volok. no.5: 47-48 '59.

Viscosity and electrical conductivity of zinc and [illegible] amalgams. Part 2 [with summary in English]. [illegible] Holik, I. F. Klassen. Ukr. fiz. zhur. 4 no.4:[illegible] Jl-Ag '59.

ZINC—ANALYSIS

Complexometric determination of zinc in [illegible] with xylenol orange and methylthymol [illegible] O. N. Budevskii and others. Zav. lab. 25 no.12:[illegible]-1441 '59.

Trilonometric determination of zinc and lead in electrolyte baths. I. S. Chernaia, N. V. Andrianova. Zav. lab. no.11:1297-1298 '59

ZINC—ELECTROMETALLURGY

Semi-industrial testing on the preparation of [illegible] zinc. L. S. Penkina and others. Tsvet. met. 32 no.11: 78-79 N '59.

ZINC—METALLURGY

Data on the reduction kinetics of zinc oxide. G. I. Chufarov, A. G. Moskvicheva, E. A. Vetrenko. Trudy Inst. met. UFAN SSSR no.3:57-61 '59.

[illegible]

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ZINC—THERMAL PROPERTIES

[illegible]

ZINC CATALYSTS see Catalysts, Zinc

[illegible]

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[illegible]

[illegible]

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[illegible]

ZIRCON

[illegible]

ZIRCONIUM—ANALYSIS

[illegible]

ZIRCONIUM—THERMAL PROPERTIES

[illegible]

[illegible]

[illegible]

ZIRCONIUM FLUORIDE.
Crystal hydrates of zirconium tetrafluoride. [illegible] Gagarinskii, V. P. Mashirev [illegible] no.3 50 56 '59.

ZIRCONIUM [illegible].
Zirconium [illegible] separated from [illegible] solution [illegible] less than one chlorine atom per atom of [illegible] A. S. Solovkin. Zhur. neorg. khim. [illegible] N '59.

ZIRCONIUM OXIDE
Phase constituent of the [illegible] gues. [illegible] Al'tman [illegible] Vest. [illegible] [illegible]

ZLATOUST — [illegible] — EMPLOYMENT
We have [illegible] [illegible] no.1[illegible] [illegible]

ZLATOUST — INDUSTRIAL ACCIDENTS
[illegible] of injuries in rolling mills of the Zlatoust Metallurgical Plant. [illegible] A. I. Veksler. Ortop., travm [illegible] no. [illegible] Ja '60

ZOLA, EMILE, 1840-1902
[illegible] heritage of Zola on the screen. N. Anosova [illegible] no. [illegible] [illegible] Ja '60

ZOOLOGICAL GARDENS see subdivision under Moscow

ZOOLOGY — CLASSIFICATION
[illegible] of paleo[illegible] systematics. B. B. Rodendorf. [illegible]

ZOOLOGY — ECOLOGY
Akimov, M. P. [Animal ecology] Ekologiia zhivotnykh [illegible] Izd-vo Kievskogo univ., 1959. 171 p.

[illegible] characteristics of changes in the insect fauna of [illegible] to the formation of a cultural landscape [with summary in English] [illegible] Medvedev. Zool. zhur. 39 no.1 54 68 Ja '60

ZOOLOGY — VARIATION
Mutation process in populations. [illegible] A. Toropanova. Dokl. AN SSSR 132 no.2 [illegible] My '60.

Studying the process of artificial selection under conditions of natural variability and variability experimentally induced by X irradiation [with summary in English]. [illegible] Rokitskii. Biul. MOIP Otd. biol. 64 no. [illegible] [illegible] Ag '59

ZOOPLANKTON see subdivision under Caspian Sea

ZUNNUNOVA, SAIDA
"The new director" and "Uncover your face" by Saida Zunnunova. Reviewed by A. Zyrin. Zvezda no. [illegible] Ja '60

ZURBARAN, FRANCISCO, b.1598
Zurbaran still-life painter. [illegible] Izkusstvo 23 no.12 [illegible] '59

ZVENIGOROD — MUTUAL BENEFIT ASSOCIATIONS
[illegible] protect mutual benefit associations from dishonest people. N. Kutgin. [illegible] no. [illegible] N '59

Monthly Index
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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS,* [illegible] in the Russian language issued in and outside the Soviet Union [illegible] by the Library of Congress and a group of cooperating libraries. [illegible] printed in other languages spoken in the Soviet Union are also included. [illegible] lan-guages of the U. S. S. R. issued in countries of Eastern Europe [illegible] are covered by the *East European Accessions Index*.

The MONTHLY INDEX consists of three parts. Part A [illegible], but no accessions published earlier than 1945 are included. To facilitate the [illegible] INDEX [illegible] who are not thoroughly familiar with the Russian language, [illegible] in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes [illegible]. Certain Soviet periodicals are being translated into English from [illegible] larly in translation in the United States and other English [illegible] lated periodicals, their publishers, subscription prices, etc., [illegible] of the *Monthly Index*. In Part B such periodicals are noted [illegible].

Part C provides subject analysis of the monographic articles [illegible] appearing in the periodicals enumerated in the [illegible] at the beginning of Part C. The number and letter in parentheses [illegible] cate the class and subclass in which the periodical appears in Part [illegible] readers desiring to examine only monograph [illegible] periodical articles [illegible] slightly heavier type than the periodical articles. [illegible] original language and in English translation, [illegible] lish translation only.

Sample title: Electric action of the brain in [illegible] no.5:8-12 S-O '51.

Explanation: An article with title given above [illegible] G. M. Neishtadt, will be found in the [illegible] *talmologii*, vol. 30, no. 5, pages [illegible].

A cumulative list of periodicals included in the [illegible] volume. This list is arranged by subject; the [illegible] of Congress, known to have files of such periodicals, follow [illegible].

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Vol. [illegible]

2. BIBLIOGRAPHY

AKADEMIIA NAUK [illegible]

AKOPIAN, [illegible]

KASHNIKOV, [illegible]

KLEPIKOV, [illegible]

KOZLOV, [illegible]

LENIN, V.I. [illegible]

LENINGRAD. [illegible]

MASLOV, [illegible]

MEZHDUNARODNAIA [illegible]

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PORTNIKOV, [illegible]

[illegible]

3. PHILOSOPHY & RELIGION

[illegible]

MAMEDOV, Sh.F. [Ibn Sina's philosophical, sociological and political ideas. Lecture] [illegible] [Moscow] Izd-vo Mosk. univ., 1959. [illegible] p. [illegible]

[illegible], V.M. [The nature of philosophical categories] [illegible] 212 p.

MOROZ, [illegible] [illegible]

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [illegible]

NARSKII, I.S. [Marxist interpretation of the subject of philosophy] [illegible] Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. [illegible] p.

[illegible], A.B. [illegible] [Moscow] Izd-vo [illegible] [illegible] p.

OSIPOV, A.A. [My path toward spiritual freedom; story of a former theologian] [illegible] Moskva, [illegible] 1959. 78 p.

PANKIN, [illegible] [V. I. Lenin's book "Materialism and empiriocriticism," a model work in the development of Marxist philosophy] [illegible] "Materializm i empiriokrititsizm" [illegible] Leningrad, [illegible] 1959. [illegible] p. [illegible]

PAVLIV, V.G. [In the struggle for my religious beliefs; the "Diary of a political deportee"] [illegible] Toronto, Nakladom [illegible] "Vil'na Ukraina," 1959. [illegible] p. [illegible]

PETROSIAN, A.P. [Dissemination and development of Marxist philosophy in Armenia during the second half of the [illegible] [illegible] [Moskva] Izd-vo Mosk. univ., 1959. [illegible] p.

PIMENOV, [illegible] V. M. [On the culture of the young [illegible] Moskva, [illegible] 1959. [illegible] p.

RIMSKII, [illegible] [illegible] Moskva, Izd-vo "Znanie," 1959. [illegible] p. [illegible]

SULEIMANOV, SHAMRAI [illegible] Alma-Ata, [illegible] 1959. [illegible] p.

[illegible] [illegible] Moskva, Izd-vo Akad. [illegible] 1959. 124 p.

4. HISTORY

ADORINSKII, V. [Always with us] Vsegda s nami. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 83 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut istorii. [Contemporaries on Bakikhanov] Sovremenniki o Bakikhanove. Baku, 1959. 66 p.

AKADEMIIA NAUK SSSR. Institut istorii. [A history of the U.S.S.R.] Istoriia SSSR. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. [The period of capitalism] Period kapitalizma. 1959. 707 p.
[Maps] Karty. 31 p.

AKADEMIIA NAUK SSSR. Institut istorii. [A modern history of Western Europe and America, 1918-1939] Noveishaia istoriia stran Zapadnoi Evropy i Ameriki, 1918-1939. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 1. 1959. 607 p.

AKADEMIIA NAUK SSSR. Institut kitaevedeniia. [Problems of the cultural revolution in the Chinese People's Republic; collection of articles] Voprosy kul'turnoi revoliutsii v Kitaiskoi Narodnoi Respublike, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 360 p.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. [History of Czechoslovakia in three volumes] Istoriia Chekhoslovakii v trekh tomakh. Pod red. I.N. Mel'nikovoi i dr. Moskva.
Vol. 3. 1960. 663 p.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Race discrimination in African countries] Rasovaia diskriminatsiia v stranakh Afriki. Moskva, Izd-vo vostochnoi lit-ry, 1960. 355 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [From practice in teaching history in secondary schools] Iz opyta prepodavaniia istorii v srednei shkole. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 118 p. (Pedagogicheskie chteniia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Teaching history and the Constitution of the U.S.S.R. in schools in the 1959-1960 school year] O prepodavanii istorii i Konstitutsii SSSR v shkole v 1959/60 uchebnom godu. Pod red. A. T. Kinkul'kina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 107 p.

ANDREEV, A. M., P. V. PANKOV, and E. I. SMIRNOVA. [Lenin in the Kremlin] Lenin v Kremle. Moskva, Gos. izd-vo polit. lit-ry, 1960. 118 p. illus.

ASHRAFIAN, K. Z. [The Delhi sultanate, on the history of the economic system and social relations in the 13th - 14th century] Deliiskii sultanat, k istorii ekonomicheskogo stroia i obshchestvennykh otnoshenii, XIII-XIV vv. Moskva, Izd-vo vostochnoi lit-ry, 1960. 254 p.

ASTAKHOV, V. I., and IU. IU. KONDUFOR. [Proletariat of Kharkov in three revolutions] Proletariat Kharkova v tr'okh revoliutsiiakh. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 278 p.

BABICHEV, I. I. [Participation of Chinese and Korean workers in the civil war in the Soviet Far East] Uchastie kitaiskikh i koreiskikh trudiashchikhsia v grazhdanskoi voine na Dal'nem Vostoke. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 62 p.

BERTI, GIUSEPPE. [Russia and the Italian states in the period of the Risorgimento. Translated from the Italian] Rossiia i ital'ianskie gosudarstva v period Risorgimento. Moskva, Izd-vo inostr. lit-ry, 1959. 744 p.

BOGDANOVA, M. M. [P. F. Dunstov-Vygodovskii, Decembrist and peasant] Dekabrist-krest'ianin P. F. Duntsov-Vygodovskii. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 84 p.

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BUZUEV, V. M. [There should be a peace treaty with Germany] Mirnyi dogovor s Germaniei dolzhen byt'. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 78 p.

CHERNIAK, A. IA. [Nikolai Kibal'chich, revolutionary and scientist] Nikolai Kibal'chich - revoliutsioner i uchenyi. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 93 p.

CHERNYSH, K. K. [The early Tripol'ye settlement of Lenkovtsy in the middle Dniester] Rann'otrypil's'ke poselennia Lenkivtsi na seredn'omu Dnistri. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 107 p.

CHICHKOV, V. M. [The guns thunder over Cuba] Zalpy nad Kuboi. Moskva, Izd-vo IMO, 1960. 124 p. (7 spiski zhurnalista)

CHUGAEV, D. A., ed. [Establishment of Soviet rule in the provinces, 1917-1918, collected articles] Ustanovlenie Sovetskoi vlasti na mestakh v 1917-1918 godakh, sbornik statei. Red. sost. V. S. Vasiukov. Moskva, Gos. izd-vo polit. lit-ry.
No. 2. 1959. 737 p.

DATLIN, S. V. [Africa is casting her chains off] Afrika sbrasyvaet tsepi. Moskva, Gos. izd-vo polit. lit-ry, 1960. 70 p.

EFIMOV, A. V. [Modern history, textbook for grade 8 of secondary schools] Novaia istoriia; uchebnik dlia 8 klassa srednei shkoly. Izd. 10. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
Pt. 1. 1960. 191 p.
[Maps] Karty. 14 p.

[ETERNAL FRIENDSHIP BETWEEN THE PEOPLES OF KOREA, CHINA, AND VIETNAM, visit of the State Delegation from the Korean People's Democratic Republic to the Chinese People's Republic and the Democratic Republic of Vietnam, collected materials] Vechnaia druzhba narodov Korei, Kitaia i V'etnama, poseshchenie Pravitel'stvennoi delegatsiei KNDR Kitaiskoi Narodnoi Respubliki i Demokraticheskoi Respubliki V'etnam. Sbornik materialov. Pkhen'ian, Izd-vo lit-ry na inostr. iazykakh, 1959. 212 p.

[ETERNALLY ALIVE; portrayal of V. I. Lenin in literary works] Vechno zhivoi; V. I. Lenin v khudozhestvennoi literature. Leningrad, Lenizdat, 1960. 564 p.

[FOR A PEACEFUL SOLUTION OF THE KOREAN QUESTION, a collection of documents] Za mirnoe uregulirovanie koreiskogo voprosa, sbornik dokumentov. Pkhen'ian, Izd-vo lit-ry na inostr. iazykakh, 1959. 37 p.

[FOR THE NATIONAL INDEPENDENCE OF WHITE RUSSIA; documents and materials] Za natsyianal'nuiu nezalezhnasts' Belarusi; dakumenty i materyialy. London, Vyd. Belaruskai Tsentral'nai Rady, 1960. 198 p.

FRANCO-SOVIET FRIENDSHIP A GUARANTEE FOR PEACE, visit of the Chairman of the Council of Ministers of the U.S.S.R. to France, 23 March - 3 April, 1960] Frantsuzsko-sovetskaia druzhba - zalog mira, prebyvanie Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva vo Frantsii 23 marta - 3 aprelia 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1960. 269 p. (Poezdka N. S. Khrushcheva po Frantsii)

GALICHENKO, I. M., M. G. KRIVOSHCHEKO, and B. I. KUBLAT. [Visiting places in Moscow connected with Lenin] Po leninskim mestam Moskvy. [Moskva] Moskovskii rabochii, 1960. 166 p.

GOR'KII, MAKSIM. V. I. Lenin. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 49 p.

[GREAT FRIEND OF YOUTH, reminiscences about V. I. Lenin by old Communists and members of the Communist Youth League] Velikii drug molodezhi, vospominaniia starykh kommunistov i komsomol'tsev o V. I. Lenine. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 93 p.

[HAPPINESS AND PEACE FOR MANKIND, visit of the Chairman of the Council of Ministers of the U.S.S.R. to India, Burma, Indonesia and Afghanistan, 11 February-5 March, 1960] Schast'e i mir narodam, prebyvanie Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva v Indii, Birme, Indonezii i Afganistane, 11 fevralia-5 marta 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1960. 349 p.

IAKUBOVSKAIA, S. I. [Development of the Soviet federal socialist state in 1922-1925] Stroitel'stvo Soiuznogo Sovetskogo sotsialisticheskogo gosudarstva, 1922-1925 gg. [Moskva] Izd-vo Akad. nauk SSSR, [1959. 397 p.

IVANSHIN, A. I. [illegible]

KADEEV, A. D. [illegible]

KALASHNIKOV, A. [illegible]

KARAPETIAN, S. EH. [illegible]

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[illegible]

[illegible]

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[LATIN AMERICA IN ITS PAST AND PRESENT; [illegible]

LAVRENT'EV, A. I. [illegible] and Britain in Iran, [illegible] skaia politika [illegible] ocherk [illegible] 92 p.

[LENIN, revolutionary [illegible] vospominaniia [illegible] izd-vo [illegible] 1960 [illegible]

LENIN, V. I. [illegible] state] Lenin [illegible] stva. Moskva, [illegible]

LESHCHENKO, M. N. [illegible] Ukraine [illegible] (1900; [illegible] 1904 [illegible] ne v [illegible] gody XIX [illegible] 521 p.
(CU)

LEVIDOVA, R. M., and [illegible] A. PAVLOVA [illegible] skaia. Leningrad, [illegible] nauchn. [illegible]

LIEBKNECHT, KARL, PAUL, [illegible] [Militarism and antimilitarism [illegible] to the international [illegible] lated from the German [illegible] Militarism [illegible] v aslasti [illegible] nila [illegible] lit-ry, 1960, 181 p. [illegible] Italian [illegible]

LIU, YI-HAI AN, ed. [illegible] a collection of [illegible] in the [illegible] war in the [illegible] Druzhba [illegible] Khudozhestvennaia [illegible] skie detali [illegible] voiny v [illegible]
(MH)

LUKIN, N. M. [illegible] nye trudy v [illegible] SSSR.
Vol. 1, 1960. 513 p.

MAKARENKO, [illegible] [illegible] the world [illegible] vo VTsSPS Profizdat [illegible]

MARX, KARL and [illegible] F. Engels [illegible] K. Marks [illegible] Moskva, [illegible]

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MOSCOW. UNIVERSITET. [illegible] literary activity and [illegible] ment, collected [illegible] sary of V. I. Le[illegible] literaturnaia [illegible] sbornik statei [illegible] na, 1862 [illegible] kogo [illegible] 1963. 458 p.

MOSCOW. UNIVERSITET. [illegible] naucnoi [illegible] red. L. E. Galaiba, [illegible] Moskva, [illegible]
Vol. 1, 1917-1918 [illegible]
[illegible]

MURMANSKII [illegible] INSTITUT. [illegible] Klimova, Murmansk [illegible]

NIKOLAEV, N. N. [illegible] the Maritime [illegible] v Primor'e, Vladivostok [illegible] vo, 1959, 95 p.

NITOBURG, E. L. [illegible] liberalism [illegible] Venezuela. Moskva [illegible] 86 p.

OL'SHANSKII, P. N. [The [illegible] and [illegible] nationalism [illegible] Sotsial'no-ekon. [illegible]
(CU)

[illegible]

ALEKSANDROV, A. I. [illegible] 1950, 12 p.

SEADOVA, [illegible] [illegible] 1960. 16 p.

[illegible] WORLD [illegible] [illegible]

STEPANOV, IA. M. [illegible] three volumes] [illegible]
Vol. [illegible]

[illegible] diplomatic [illegible] diplomati [illegible] 1960.

[illegible] [illegible] 1960, 130 p.

[illegible] [illegible] in the history of the class [illegible] during the New Economic [illegible] 1917. Moskva, [illegible] 1960, 248 p.

[illegible] [illegible] State [illegible]

[illegible] [illegible] international [illegible] in the [illegible] 1959.

[illegible] [illegible]

[illegible] and V. A. [illegible] [illegible] Latin America [illegible] institution] [illegible] Europe, [illegible] Kanada [illegible] 1960. 258 p.

[illegible] LENIN, 1917-1924] [illegible] 1917-1924 gg. [illegible] 1960. 494 p.

[illegible] HISTORY [illegible] [illegible] 1959. 178 p.

[illegible] [illegible] Communist Party of [illegible] 1960 [illegible]

ZHARKO, [illegible] [International unity [illegible] Moskva [illegible] 1960. 172 p.

[illegible] [illegible] Japan [illegible] policy of [illegible] Moskva, [illegible] 1960, 91 p.

B. SOCIAL SCIENCES

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. [illegible] Institut, [illegible] [illegible] 1959. 35 p.

[illegible]

AKADEMIIA NAUK SSSR. Institut ekonomiki. [History of Russian economic thought] Istoriia russkoi ekonomicheskoi mysli. Pod red. A. I. Pashkova i N. A. TSagolova. Moskva, Izd-vo sotsial'no-ekon lit-ry.
Vol. 2. [Epoch of premonopolistic capitalism] Epokha domonopolisticheskogo kapitalizma. Pt. 1. 1959 526 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Production expenditures and the cost of products on collective farms] Izderzhki proizvodstva i sebestoimost' produktsii v kolkhozakh. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 256 p.

AKADEMIIA NAUK URSR, Kiev Instytut ekonomiky. [Problems in the economy and organization of water supply, and irrigation exemplified by studies in Odessa Province] Pytannia ekonomiky i organizatsii vodopostachannia ta zroshennia, na prykladi Odes'koi oblasti. Kyiv, Vyd-vo Akad nauk URSR, 1960 74 p

ALTAEV, I. IA., and K. F. LOMOV. [New developments in the Canadian labor movement] Novoe v rabochem dvizhenii Kanady. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 102 p.

ANASTASENKO, F I [Economic competition between socialism and capitalism] Ekonomicheskoe sorevnovanie sotsializma s kapitalizmom Leningrad, Ob-vo po rasprostraneniiu polit i nauc n znanii RSFSR, Leningr otd-nie, 1960 47 p

AUERKHAN, IAN. [Automation and society] Avtomatizatsiia i obshchestvo. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1960. 168 p.

AVSENEV, M. M. [The Vietnam Democratic Republic, economy and foreign trade] Demokraticheskaia Respublika V'etnam, ekonomika i vneshniaia torgovlia Moskva, Vneshtorgizdat, 1960. 108 p.

BAIKOV, M. M. [In eight countries of the world] V vos'mi stranakh mira. [Moskva] Mosk. rabochii, 1960. 126 p.

BARANSKII, N N [Economic geography. Economic cartography] Ekonomicheskaia geografiia. Ekonomicheskaia kartografiia Moskva, Gos. izd-vo geogr. lit-ry 1960. 450 p.

BASIUK, T. L. [Differential rent in socialist agriculture] Differentsial'naia renta v sotsialisticheskom sel'skom khoziaistve. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 56 p.

[BEGINNING OF THE STORY, collection of articles on the building of the Ryazan Petroleum Refinery] Nachalo istorii, sbornik statei o stroitel'stve Riazanskogo neftepererabatyvaiushchego zavoda. [Riazan'] Riazanskoe knizhnoe izd-vo, 1959. 38 p.

BELIAEV, N. I. [Theses of Comrade N. S. Khrushchev's report at the 21st Congress of the CPSU, "Target figures for the development of the national economy of the U. S. S. R. during 1959-1965," and tasks of the Communist Party of Kazakhstan; report at the 9th Extraordinary Congress of the Communist Party of Kazakhstan, January 14, 1959] Tezisy doklada tovarishcha N. S. Khrushcheva na XXI s"ezde KPSS. Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody i zadachi Kommunisticheskoi partii Kazakhstana, doklad na IX vneocherednom s"ezde Kommunisticheskoi partii Kazakhstana, 14 ianv. 1959 g. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 60 p.
(MH)

BLOMKVIST, F. L., and V. I. PISAREV. [Keeping collective-farm cattle on distant pastures, based on practices in the republics of Central Asia and of Kazakhstan] Otgonno-pastbishchnoe soderzhanie skota v kolkhozakh; na primere respublik Srednei Azii i Kazakhskoi SSR. Moskva, Gos. izd-vo sel'khoz. lit-ry, "Sel'khozgiz," 1945. 175 p.
(DA)

BOGACHEVSKII, M. B. [Budget of a capitalistic country] Biudzhet kapitalisticheskogo gosudarstva. Moskva, Gosfinizdat, 1960. 104 p.

BOR, M. Z. [Methodology of a planned balance of the national economy of the U. S S. R.] Voprosy metodologii planovogo balansa narodnogo khoziaistva SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 350 p.

BORODIN, E. I. [Unity and friendship, how the national economy of the Soviet republics will by developed during the seven-year plan] Edinstvo i druzhba, kak budet razvivat'sia narodnoe khoziaistvo sovetskikh respublik v semiletke. Moskva, Voen. izd-vo M-va obor. SSSR, 1960 86 p.

[BUILDERS OF PRESENT-DAY COMMUNISM] Kuznetsy Kommunisticheskogo segodnia. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 301 p.

BUROVA, V. E., and S. M SHOR [Masters of underground storerooms, from the history of the Il'ich mine in the Donets Basin] Khoziaeva podzemnykh kladovykh, iz istorii shakhty imeni Il'icha v Donbasse. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1960 165 p

CHOU EN-LAI. [On the regulation of the basic indices of the national economic plan for 1959 and the further development of the movement for the increase of production and observance of economy, report at the Fifth Conference of the Second Permanent Committee of the All-China Assembly of People's Representatives, August 26, 1959] Ob uregulirovanii osnovnykh pokazatelei narodnokhoziaistvennogo plana na 1959 god i dal'neishem razvertyvanii dvizheniia za uvelichenie proizvodstva i sobliudenie rezhima ekonomii; doklad na 5-m zasedanii Postoiannogo Komiteta Vsekitaiskogo Sobraniia narodnykh predstavitelei vtorogo sozyva, 26 avgusta 1959 goda. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 50 p.

CHUKHNO, A. A. [Expanded rights of the Union Republics to develop their national economy] Rozshyreniia prav soiuznykh respublik u hospodars'komu budivnytstvi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 70 p.

CHUPROV, A. A. [Studies on statistical theory] Ocherki po statistiki. Moskva, Gos. stat. izd-vo, 1959. 318 p.

[COLLECTION OF REGULATIONS OF CONGRESSES OF THE REPRESENTATIVES OF COOPERATIVE SOCIETIES OF THE U. S. S. R. AND MEETINGS OF THE COUNCIL AND EXECUTIVE BOARD OF THE CENTRAL UNION ON THE CARE OF COOPERATIVE PROPERTY] Sbornik postanovlenii s"ezdov upolnomochennykh potrebitel'skoi kooperatsii SSSR, sobranii Soveta i pravleniia TSentrosoiuza o sokhrannosti kooperativnoi sobstvennosti. Moskva, Izd-vo TSentrosoiuza, 1959. 205 p.

DOBROVOL'S'KYI, L. H. [The newspaper "Pravda" and the workers' movement in the Ukraine from 1912 to 1914] Gazeta "Pravda" i robitnychyi rukh na Ukraini v 1912-1944 rr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 109 p.

DUNAEVA, E. A. [Cooperation of socialist nations in the building of communism] Sotrudnichestvo sotsialisticheskikh natsii v stroitel'stve kommunizma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 259 p.

[ECONOMY OF THE CHINESE PEOPLE'S REPUBLIC, 1949-1959] Ekonomika Kitaiskoi narodnoi respubliki, 1949-1959. Moskva, Gosplanizdat, 1959. 304 p.

[FIGURES OF THE GREAT PLAN, 1959-1965; visual aids for studying the control figures of the development of the Soviet national economy in 1959-1965] TSifry velikogo plana, 1959-1965 gg., nagliadnye posobiia po kontrol'nym tsifram razvitiia narodnogo khoziaistva SSSR na 1959-1965 gg. Moskva, Gospolitizdat, 1960. [6] l.

FIL'CHENKO, N. V. [The seven-year plan of Orel Province] Semiletka Orlovskoi oblasti. [Orel] Orlovskoe knizhnoe izd-vo, 1959. 120 p.

GALEEV, G [Soviet Tataria] Sovetskii Tatarstan. [Kazan'] Tatarskoe knizhnoe izd-vo, 1959. 10 p. (Bibliotechka deputata)

GENIN, U. A., and B. M. DANTSIG. [Countries of southwestern Asia and North Africa; economic-geographical survey. Textbook for teachers] Strany IUgo-Zapadnoi Azii i Severnoi Afriki; ekonomiko-geograficheskii obzor. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 279 p.

GLADKOV, I. A. [V I. Lenin as the organizer of the socialist national economy] V. I. Lenin - organizator sotsialisticheskoi ekonomiki. Moskva, Gos. izd-vo polit. lit-ry, 1960. 382 p.

GRAMP, A. N. [Consolidated transportation system in the U. S. S. R., lecture for students of the second course in all specialities] Edinaia transportnaia set' SSSR; lektsiia dlia studentov II kursa vsekh spetsial'nostei. Moskva, M-vo putei soobshcheniia. Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1959. 32 p.

GRIN, M. F. [Economic geography of the U. S. S. R.; introductory section, general part of the course; textbook] Ekonomicheskaia geografiia SSSR; vvodnyi razdel; obshchaia chast' kursa; uchebnoe posobie. Moskva, Zaochnyi in-t sovetskoi torgovli, 1959. 160 p.

GUBAREVA, O. E. [Preferential development of heavy industry and the creation of an abundance in consumers' goods] Preimushchestvennoe razvitie tiazheloi industrii i sozdanie izobiliia predmetov potrebleniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 77 p.

HABERLER, G. [Prosperity and depression, theoretical analysis of cyclidal movements. Translated from the English] Protsvetanie i depressiia, teoreticheskii analiz tsiklicheskikh kolebanii. Red. F. A. Khabinskaia, Moskva, Izd-vo inostr. lit-ry, 1960. 586 p.

HARVARD UNIVERSITY. Harvard Economic Research Project [Studies in the structure of the American economy, theoretical and empirical explorations in input-output analysis. Translated from the English] Issledovaniia struktury amerikanskoi ekonomiki; teoreticheskii i empiricheskii analiz po skheme zatrat vypusk. Pod red. A. A. Koniusa. Moskva, Gosstatizdat, 1958. 639 p.
(MH)

[HISTORY OF THE NATIONAL ECONOMY OF THE U. S. S. R., lecture course] Istoriia narodnogo khoziaistva SSSR, kurs lektsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 662 p.

INTURIST. [General prospectus of the Inturist Service] General'nyi prospekt Inturista. [n. p., n. d.] 1 v. (unpaged), illus.

KAPOOR, A. N. [New States of India, a geoeconomic study of the prospects and problems of the new States and Territories as formed after the States organization of 1956. Translated from the English] Ekonomiko-geograficheskaia kharakteristika shtatov i territorii Indii posle reorganizatsii 1956 g. Moskva, Izd-vo inostr. lit-ry, 1959. 71 p.
(IU)

KASATKIN, I. [The interests of the state are the interes of the people, from the work experience of a permanent financial and budgetary committee] Interesy gosudarstva - interesy naroda, iz opyta raboty postoiannoi finansovo-biudzhetnoi komissii. [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 13 p. (Bibliotechka deputata)

KAZARTSEV, M. I [Value of time] TSena vremeni. Mo skva, Izd-vo "Sovetskaia Rossiia," 1960. 141 p

KHACHATUROV, T. S. [Problems in the economics of transportation] Voprosy ekonomiki transporta. Moskva, Gos transp. zhel-dor. izd-vo, 1959 278 p.
(DBC)

KHAMIDULLIN, G. Z., ed. [Growth of commodity outpu and monetary income on collective farms in Bashkiri Rost tovarnoi produktsii i denezhnykh dokhodov v kolkhozakh [Bashkirskoi ASSR]. Ufa, Bashkirskoe knizh noe izd-vo, 1958. 184 p.
(MH)

KILIMOV, S. L. [Accelerated sinking of directional shaf Skorostnaia prokhodka naklonnykh stvolov. Kiev, Gos izd-vo tekhn. lit-ry USSR, 1959. 112 p. (Obmen pere dovym opytom)
(CU)

KITSIKIS, NIKOS. [Myth of works carried out. Translated from the Greek] Mif o provedennykh rabotakh. Moskva, Izd-vo Sotsial'no-ekon. lit-ry, 1960. 50 p.

KOMMUNISTICHESKAIA PARTIIA UKRAINY. Poltavskii oblastnoi komitet. Partiinyi arkhiv. [Development of the trade-union movement in the Poltava Government, 1905-1920, a collection of documents and materials] Rozvytok profspilkovoho rukhu na Poltavshchyni, 1905 1920 roky, zbirnyk dokumentiv i materialiv. Poltava, Oblasne vyd-vo, 1958. 86 p.
(MH)

KOTOV, F. I. [Problems of labor in the seven-year plar Voprosy truda v semiletnem plane. Moskva, Gosplan izdat, 1960. 209 p.

KOZLOVS'KA, L. H. [Development of the national economy of the Transcarpathian Province during the Sovie regime] Rozvytok narodnoho hospodarstva Zakarpats koi oblasti za roky radians'koi vlady. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 165 p.
[MICROFILM]

KRAVETS', M. M. [Studies on the West Ukrainian labor movement in 1921-1939] Narysy robitnychoho rukhu Zakhidnii Ukraini v 1921-1939 rr. Kyiv, Vyd-vo Aka nauk URSR, 1959. 233 p.

KUZNETSOV, A. D. [Labor supply of the U. S. S. R. and its utilization; on the problem of the economic capaci of the country] Trudovye resursy SSSR i ikh ispol'zovanie, k voprosu ob ekonomicheskoi moshchi stran Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 175 p.

LENIN, V. I. [Current objectives of the Soviet regime. Economics and politics during the dictatorship of the proletariat] Ocherednye zadachi Sovetskoi vlasti. Ek nomika i politika v epokhu diktatury proletariata. Mo skva, Gos. izd-vo polit. lit-ry, 1960. 52 p. (Biblio techka po nauchnomu sotsializmu)

LEVIN, B. IA. [illegible] of metallurgical plant [illegible] praktichesko [illegible] Izd-vo [illegible] 180 p.

[LIGHT INDUSTRY OF THE [illegible] PUBLIC] [illegible]

LOMOVSKAIA, M. [illegible] the future [illegible] Moskva [illegible] 171 p.

MAKAROV, A. I., [illegible]

MARX, K., and [illegible] Izd. 2., Moskva [illegible] Vol. 15. [illegible]

MASLIN [illegible] Social Democrat [illegible] (18.)

[illegible]

MOROZOV, [illegible]

MOSCOW. AKAD [illegible]

MOSCOW. UNIVERSITET. [illegible]

MOSCOW. [illegible]

MOSCOW. [illegible]

MOTYLEV, V. E., [illegible]

[illegible]

[illegible] Timetable for [illegible] Moscow [illegible] Railroad [illegible] (Moskva) [illegible]

[illegible] Timetable of Moscow [illegible] Railroad [illegible] [Moskva] [illegible]

[illegible] Timetable of Moscow [illegible] Railroad [illegible]

[illegible] Timetable of Moscow [illegible] Railroad [illegible]

[illegible] Timetable of Moscow [illegible] Railroad [illegible]

[illegible]

[illegible]

A 5-6

[THE SOVIET UKRAINE IN THE SEVEN-YEAR PLAN, 1959-1965] Radians'ka Ukraina v semyrichtsi, 1959-1965 [Kyiv] Derzhpolitvydav URSR [1959]. 12 leaves (in portfolio).

STARODUBROVSKAIA, V N , and M. A USIEVICH [Socialism and the peasantry, carrying out of Lenin's "co-operative plan" in the people's democracies] Sotsializm i krest'ianstvo, osushchestvlenie leninskogo kooperativnogo plana v stranakh narodnoi demokratii Moskva, Izd-vo Akad. nauk SSSR, 1960 111 p.

[STATE SOCIAL INSURANCE, collection of official documents] Gosudarstvennoe sotsial'noe strakhovanie, sbornik ofitsial'nykh materialov. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 261 p.

[STRUGGLE OF THE CPSU FOR SOCIALIST INDUSTRIALIZATION AND PREPARATION OF THE COMPREHENSIVE COLLECTIVIZATION OF AGRICULTURE FROM 1926 THROUGH 1929, documents and materials] Bor'ba KPSS za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 511 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

[THERE, WHERE THE WORK IS HARDER] Tuda, gde trudnee. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 158 p.

TOVKACH, M D. [Humanism of the socialist system] Gumanizm sotsialistychnoho ladu Kyiv, 1960. 62 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 1, no. 9-10)

[TRADE UNION OF BUILDERS, brief outline history] Profsoiuz stroitelei, kratkii istoricheskii ocherk. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 190 p.

TSAPKIN, N. V. [Finance and credit of the German Democratic Republic] Finansy i kredit Germanskoi Demokraticheskoi Respubliki Moskva, Gosfinizdat, 1959. 163 p.

[THE UKRAINE THROUGH THE EYES OF OUR GUESTS FROM ABROAD, collection] Ukraina ochyma zarubizhnykh hostei, zbirnyk. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 146 p.

VLASOV, B. V. [Ways to reduce labor expenditure on auxiliary work in industry] Puti sokrashcheniia zatrat truda na vspomogatel'nykh rabotakh v promyshlennost Moskva, Gosplanizdat, 1960. 232 p.

VYSHCHEPAN, A. G., and M. E. MEL'MAN [Study of food products] Tovarovedenie prodovol'stvennykh tovarov Moskva, Gos izd-vo torg. lit-ry, 1960. 480 p.

[WAY TO PLENTY] Kurs na izobilie. [Moskva] Gospolitizdat, 1960. 1 v. (Nagliadnye posobiia dlia agitatora)

ZADOROZHNYI, V. K., and M. M. PALAMARCHUK. [Achievements in the economic development of the western provinces of the Ukrainian S. S. R.] Uspikhy ekonomichnoho rozvytku zakhidnykh oblastey Ukrains'koi RSR. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1960. 171 p.

6. POLITICAL SCIENCE

[ACTIVE HELPERS OF THE SOVIET, from the work experience of street committees in Zelenodol'sk, Tatar A. S. S R.] Aktivnye pomoshchniki soveta; iz opyta raboty ulichnykh komitetov goroda Zelenodol'ska Tatarskoi ASSR [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 13 p. (Bibliotechka deputata)

AKADEMIIA NAUK SSSR. Institut prava. [Congress of the Soviets of the U. S. S. R., the Union and Autonomous Soviet Socialist Republics; collected documents in three volumes, 191701936] S"ezdy Sovetov Soiuza SSR, soiuznykh i avtonomnykh sovetskikh sotsialisticheskikh respublik, sbornik dokumentov v trekh tomakh, 1917-1936 g. g. Moskva, Gos. izd-vo iurid. lit-ry.
  Vol. 2. [Congresses of the Soviets of the Soviet Socialist Republics, collected documents, 1917-1922] S"ezdy Sovetov sovetskikh sotsialisticheskikh respublik, sbornik dokumentov, 1917-1922 g. g. 1960. 614 p.

ARISTOV, A. B. [The 42nd anniversary of the Great October Socialist Revolution, a report at the solemn meeting of the Moscow Soviet, November 6, 1959] 42-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklad na torzhestvennom zasedanii Moskovskogo Soveta 6 noiabria 1959 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 22 p.

ARNAUD, G., and J. VERGES. [In defense of Dzhamily Bukhired Translated from the French. Preface by I. Biriukov] V zashchitu Dzhamily Bukhired. Moskva, Izd-vo sots.-ekon. lit-ry, 1959. 53 p.

AZERBAIJAN. Verkhovnyi Sovet [Meetings of the Fourth Supreme Soviet of the Azerbaijan S. S. R., seventh session, June 17-18, 1958. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR, chetvertogo sozyva, sed'maia sessiia 17-18 iiunia 1958 g. Stenograficheskii otchet. Baku, 1958. 198 p.

BERCHENKO, A IA. [Twenty-first Congress of the CPSU on the political organization of society during the comprehensive construction of communism] XXI s"ezd KPSS o politicheskoi organizatsii obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 53 p.

[COMMUNIST PARTY DURING THE PERIOD OF THE CONSOLIDATION OF THE SOVIET REGIME, from October 1917 through 1918, documents and materials] Kommunisticheskaia partiia v period uprocheniia Sovetskoi vlasti, oktiabr' 1917-1918, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 478 p.

DROZDENKO, V. I. [The birth of heroism] Rozhdenie podviga. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 285 p.

[FOR CLOSE CONTACT WITH LIFE; experience in the mass political work of Ukrainian party organizations] Za tisnyi zv'iazok z zhyttiam, z dosvidu masovo-politychnoi roboty v partiinykh organizatsiiakh Ukrainy Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 267 p.

GALANZA, P. N. [Kant's theory of the state and law] Uchenie Immanuila Kanta o gosudarstve i prave. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 49 p.

GUDOSHNIKOV, L. M. [Supreme organs of the state government and state administration of the Chinese People's Republic] Vysshie organy gosudarstvennoi vlasti i gosudarstvennogo upravleniia Kitaiskoi Narodnoi Respubliki. Moskva, Izd-vo Akad. nauk SSSR, 1960. 108 p.

HERTZEN, A. I. [Collected works in thirty volumes] Sobranie sochinenii v tridtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR [In Russian and in French.]
  Vol. 20. [Works written from 1867 to 1869; diary] Proizvedeniia 1867-1869 godov; dnevnikovye zapisi.
    Book 1. 1960. 493 p.

[IDEOLOGICAL WORK OF THE CPSU AT THE FRONT; 1941-1945] Ideologicheskaia rabota KPSS na fronte; 1941-1945. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 324 p.

KAMYSHAN, M. A. [Marxist-Leninist theory on the dictatorship of the proletariat] Marksysts'ko-lenins'ke vchennia pro dyktaturu proletariatu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 103 p.

KAREVA, M. P [The Constitution of the U. S. S. R.; a textbook for secondary schools] Konstitutsiia SSSR; posobie dlia srednei shkoly. Pod red. I. P. Trainina. Izd. 2., perer. Moskva, Gos uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1948. 255 p.

KHRUSHCHEV, N. S. [Speech at the Seventh Congress of the Hungarian Socialist Workers' Party, December 1, 1959] Rech' na VII s"ezde Vengerskoi sotsialisticheskoi rabochei partii, 1 dekabria 1959. goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.

KIRIAEV, N. M., and V. P. TSYGANKOV. [Military questions in the course on the history of the CPSU; an aid to the students of history of the CPSU] Voennye voprosy v kurse istorii KPSS; v pomoshch' izuchaiushchim istorii KPSS. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 98 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 9. s"ezd, Moscow, 1920 [Proceedings of the Ninth Congress of the Communist Party of the Soviet Union in Moscow, 1920] Protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1960. 650 p. (Protokoly i stenograficheskie otchety s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Buriatskii oblastnoi komitet. Partiinyi arkhiv. [History of the party organization in the Buryat A. S. S. R.; a collection of articles] Iz istorii partiinoi organizatsii Buriatii; sbornik statei. Ulan-Ude, Buriatskoe knizhnoe izd-vo,
  Vol. 1. 1959
  (MH)

KRUTOGOLOV, M. A. [Governmental system of France according to the Constitution of 1958] Gosudarstvennyi stroi Frantsii po Konstitutsii 1958 goda. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 99 p.

KRZEMIEN, LESZEK. [Against the ideological disarm ment of the party, some problems of revisionism discussed in Polish publications of 1956-1957. Trans lated from the Polish] Protiv ideologicheskogo razoruzheniia partii, o nekotorykh problemakh revizioniz po materialam publikatsii v pol'skoi pechati v 1956-1957 godakh. Moskva, Izd-vo inostr. lit-ry, 1959. 158 p.

KUUSINEN, O V. [Putting Lenin's ideas into practice; an address at a solemn meeting in Moscow devoted t the observance of the 90th anniversary of the birth of V. I. Lenin, April 22, 1960] Pretvorenie v zhizn' idei Lenina; doklad na torzhestvennom zasedanii v Moskve, posviashchennom 90-i godovshchine so dnia rozhdeniia V I Lenina, 22 aprelia 1960 goda. Mosk Gos. izd-vo polit lit-ry, 1960. 20 p.

LEBEDEV, M. P., ed. [Supreme organs of state rule in the people's democracies, collected legislative enactments] Vysshie organy gosudarstvennoi vlasti stran narodnoi demokratii, sbornik normativnykh akt Moskva, Gos. izd-vo iurid. lit-ry.
  No. 1. [European countries] Evropeiskie strany. 1960. 454 p.

[LIVING CAUSE; from the work practice of party organi zations in Moscow Province] Zhivoe delo, iz opyta ra boty partiinykh organizatsii Moskovskoi oblasti. [Mo skva] Mosk. rabochii, 1960. 247 p.

MILLS, WRIGHT. [The power elite. Preface by V. F Motylev] Vlastvuiushchaia elita. Red. L. IA. Rozovski Moskva, Izd-vo inostr. lit-ry, 1959. 541 p.

MIRONOVA, A. V., A. ISLAMOV, and SH. NAGIMULLIN [Militant organizers of the masses; experience of local soviets in the development of collective farm agriculture] Boevye organizatory mass; iz opyta raboty mestnykh Sovetov za pod"em ekonomiki kolkhozov. [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 26 p. (Bibliotechka deputata)

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGO CHESKII INSTITUT. [Collected lectures on the histo of the CPSU] Sbornik lektsii po istorii KPSS. Mosk Izd. MGPI im. V. I. Lenina.
  Pt. 2, no. 1. [Department of History of the CPSU] Kafedra istorii KPSS. 1959. 92 p.

MOSCOW. UNIVERSITET. [V. I. Lenin and some probl in the development of the party and the state, collect articles dedicated to the 90th anniversary of Vladimi Il'ich Lenin's birth] V. I. Lenin i nekotorye voprosy partiinogo i gosudarstvennogo stroitel'stva, sbornik k 90-letiiu so dnia rozhdeniia Vladimira Il'icha Lenina. Moskva, Izd-vo Mosk. univ., 1960. 330 p.

MURASHEV, A. A. [Admission to the party of Lenin; history of the "Lenin enrolment"] V leninskuiu parti iz istorii leninskogo prizyva. Moskva, Gos. izd-vo polit. lit-ry, 1960. 63 p.

NOVIKOV, S. [What Lenin taught propagandists] Chemu Lenin uchil agitatorov. Moskva, Gos. izd-vo polit. lit-ry, 1959. 47 p. (Bibliotechka agitatora, no. 5)

PETRENKO, F. F., ed. [Political work in rural areas] Politicheskaia rabota na sele. Moskva, "Sovetskaia Rossiia," 1958. 211 p.
  (NNC)

[POLITICAL EDUCATION OF PARTY MEMBERS] Politychna osvita kadriv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 260 p.

RODIONOV, P. A. [Political propaganda during the nig shift] Politicheskaia agitatsiia v nochnoi smene. M skva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (Biblio techka agitatora, no. 9)

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet. [Data on the deputies of the Supreme Soviets of Union and autonomous republics, and local soviets of deputies the workers, 1959, a statistical manual] Sostav deputatov Verkhovnykh Sovetov soiuznykh, avtonomnykh respublik i mestnykh Sovetov deputatov trudiashchikhsia, 1959 g.; statisticheskii sbornik. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1959. 98 p.

[MICROFILM]

SHEVCHUK, H. I. [Successful party leadership depends on close contact with the masses] Tisnyi zv'iazok z masamy—zaporuka uspikhu partiinoho kerivnytstva. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 93 p.

SKOROKHODATYI, V.V. [illegible] Party of White Ru[illegible] [illegible] skoi partii [illegible] [illegible] sivenne politicheskoi [illegible]

SLEVICH, S.B. [The Antarctic [illegible] peace] Antarktida [illegible] grad, [illegible] nii SSSR, [illegible]

SPIRIDONOV, M. [illegible] are the servants of the people [illegible] [Kazan'] Tatar[illegible] (Biblioteka [illegible])

TATAR A.S.S.R. Verkhovnyi [illegible] Supreme Soviet [illegible] sion, December [illegible] nia Verkhovnogo [illegible] seanita, 13 [illegible] 1959 [illegible] [Kazan'] [illegible]

TSVETAEV, N.N. [Military [illegible] the Eighth Congress [illegible] Party (Bolshevik)] [illegible] s"ezda RKP(b), [illegible] SSSR, 1960. 101 p.

WHITE RUSSIA. [illegible] the Supreme [illegible] Committee of [illegible] devoted to the [illegible] the White Russian [illegible] Communist Party [illegible] Torzh[illegible] ('Belarus', [illegible] 40-letiiu [illegible] Respubliki [illegible] 3 January, 1959 [illegible] tion, [illegible] (500)

ZAKIROV, U. [illegible] videlo, [illegible] of the AU[illegible] Vy[illegible] A'[illegible] arkhitekt[illegible] 1959. 20 p. [illegible]

ZEMLIAN[illegible] [illegible] [compiler] [illegible] Moskva, [illegible]

ZORIN, V.A. [illegible] existence [illegible] on the general [illegible] from the 'Lenin' [illegible] its Theater in Mo[illegible] sotsialisticheskoi [illegible] mirovoi [illegible] SSSR, [illegible] lenata v Kiev [illegible] Moskva, [illegible] Izd-vo 'Znanie,' 1960. 12 p. [illegible]

7. LAW

ARTEM'EV, F.A., [illegible] on laws pr[illegible] Kratkoe [illegible] [illegible] Profizdat, 1959. [illegible] (Bibl[illegible])

BONDAREV, N.I., [illegible] [Certification [illegible] [illegible] Kalinina. Moskva, [illegible] 71 p.

CHKHIKVADZE, V.M. [illegible] legality in [illegible] [illegible] skva, [illegible]

[CONSTITUTION] [illegible] Mordovsk[illegible] Respublik[illegible] Saransk, Mordovsk[illegible] 23 p. [illegible]

GAL'PERIN, I.M. [illegible] criminal cases [illegible] sudom [illegible] Gos. izd [illegible]

GAZHANTS, L.L. [illegible] private persons] [illegible] skikh grazhdan [illegible] Moskva, Gos. izd [illegible]

[illegible]

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [Materials of the Scientific Session of the Academy of Pedagogical Sciences of the R.S.F.S.R. devoted to the third centennial of the publication of the collected didactic works of Johann Amos Comenius, December 11-13, 1957] Materialy Nauchnoi [illegible] RSFSR, [illegible] Moskva, 1959. [illegible] p. [illegible]

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [illegible] [illegible] Moskva, 1959. [illegible] p. [illegible]

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. [illegible] [Model [illegible] [illegible] RSFSR, 1959. [illegible]

[AT THE WHITE OLYMPICS [illegible] [illegible] 1960. [illegible] p.

BELEN'KII, [illegible] [illegible] 1960. [illegible] p.

BIRIUKOV, [illegible] [illegible] [illegible] 1960. 134 p.

BOGOIAVLENSKII, D.N., and [illegible] [illegible] Moskva, [illegible] RSFSR, 1959. 117 p.

BOGUSLAVSKII, M. [Reform [illegible] conferences and [illegible] [illegible] Moskva, 1959. [illegible] Moskva, [illegible] 1960. 135 p.

[illegible], I.A. [illegible] physical [illegible] Moskva, [illegible] 1960. 104 p.

[illegible] [illegible] children [illegible]

[illegible] [illegible] [illegible] 1960. 104 p.

[illegible] [illegible] [illegible] Moskva [illegible]

GRABOVSKII, B.V. [illegible] Moskva, [illegible] 1960. [illegible] p.

GUL'IANOV, I.V. [Psychology of teaching writing. [illegible] the pupil's skill of writing] [illegible] Moskva, Izd-vo Akad. pedag. nauk RSFSR, 1959. 264 p.

[illegible] [illegible] student [illegible] [illegible] 1959. [illegible] p.

KAPTEREV, A.I. [illegible] [illegible] A.N. [illegible] [illegible] 1959. 150 p. [illegible]

A 8 10
KHVATSEV, M. E. [Logopedia, manual for students of pedagogical institutes and teachers of special schools] Logopediia, posobie dlia studentov pedagogicheskikh institutov i uchitelei spetsial'nykh shkol. Izd. 6. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 475 p.

KUDRIASHOV, V. A., and V. I. RUDOLAB. [Basketball in school, text for teachers] Basketbol v shkole, uchebnoe posobie dlia uchitelei shkol. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1960. 151 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [N. K. Krupskaia on self-education, a collection] N. K. Krupskaia o samoobrazovanii; sbornik. Moskva, 1960. 62 p.

NEGIN, M. [United Nations Educational Scientific and Cultural Organization (UNESCO)] Organizatsiia Ob"edinennykh Natsii po voprosam prosveshcheniia, nauki i kul'tury (IUNESKO). Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1960. 106 p. (Mezhdunarodnye organizatsii)

[REORGANIZATION OF HIGHER PEDAGOGICAL EDUCATION, studies of the interuniversity methodological conference organized by the Moscow Province Pedagogical Institute] O perestroike vysshego pedagogicheskogo obrazovaniia, trudy mezhvuzovskoi nauchno-metodicheskoi konferentsii, organizovannoi Moskovskim oblastnym pedagogicheskim institutom im. N. K. Krupskoi. Moskva, Izd. MOPI, 1960. 1[illegible] p.

ROMANOVSKII, P. A. [Middle game, combinations] Mittel'shpil', plan. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 263 p.

RUSSIA (1923- U.S.S.R.) Komitet po fizicheskoi kul'ture i sportu. [Simplified rules for competition in soccer, basketball, volleyball, and ice hockey] Uproshchennye pravila sorevnovanii po futbolu, basketbolu, voleibolu i khokkeiu s shaiboi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 30 p.

RYZHOV, E. S. [Ski racing, training techniques for ski racing] Lyzhnye gonki; metodika trenirovki lyzhnikov-gonshchikov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 144 p.

STEPANCHENOK, I. A., [illegible], and V. M. IAGODIN. [Track and field athletics; a manual for physical education groups in institutions of higher learning] Legkaia atletika, uchebnoe posobie dlia zaniatii kafedr fizicheskogo vospitaniia vysshikh uchebnykh zavedenii. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 350 p.

SVETOV, A. A. [illegible] Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. [illegible] p.

SYROMOLOTOV, V. E. [illegible] [Moskva] Moskovskii rabochii, 1960. 2[illegible] p.

TAVZLOVIII, G. IA. [illegible] Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 144 p.
(CD)

[THEORY OF PHYSICAL TRAINING] [illegible] Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 38[illegible] p.

[illegible] ...nal'nyi [illegible] Development in the [illegible] the [illegible] of the Communist Party and Government. 1917-1959, collected documents. [illegible] Kul'turno-[illegible] Kiev, Derzh. [illegible], 1959.

[illegible] 1941) - 1957 [illegible] 1941 [illegible]

[illegible] M-va prosv. [illegible]

9. MUSIC, THEATER & MOTION PICTURES

AGADABOV, S. A., comp. [Musical figures of Daghestan] Deiateli muzykal'nogo iskusstva Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 150 p.

AHRAPETIAN, A. M. [Glorious career, centennial of the Armenian State Theater at Tiflis. Slavnyi put', k 100-letiiu Tbilisskogo gosudarstvennogo armianskogo teatra. Tbilisi, [illegible], 1958. 14[illegible] p. [In Armenian.]
(MH)

AKADEMIIA NAUK URSR, Kiev. Instytut mystetstvoznavstva, fol'kloru i etnohrafii. [Folk singers of the Soviet Ukraine, a collection of works] Narodni spivtsi i muzykanty [illegible] zbirnyk tvoriv. Kyiv, Vyd-vo Akad. nauk URSR, 1955. 320 p.
(RH)

ALEMI [illegible], B. A. [illegible] under the roof of the Mariinskii Theater] [illegible] Leningrad, [illegible], 1958. 47 p.
(CD)

AVDEEV, A. D. [The origin of the theater; elements of the theater in primitive society] [illegible] Leningrad, Gos. izd-vo "Iskusstvo," 1959. [illegible]

BLAGODATOV, G. I. [Russian accordion; a study of the history of the instrument and its role in Russian music] [illegible] Leningrad, Gos. [illegible] izd-vo, 1960. 181 p.

BOGATYREV, S. V. [To the White Sea; a song cycle for chorus, soloist, and [illegible] [illegible] Moskva, Muzgiz, 1957. [illegible] p.
(CSt)

BOGDANOV-BEREZOVSKII, V. M. [Leningrad Academic Kirov Theater of Opera and Ballet] [illegible] opery i baleta imeni S. M. Kirova. Leningrad, [illegible], 19[illegible]. 140 p.
(CD)

DANILEVICH, VA. N. [illegible]
(MH)

DUBOVSKII, I. I. [Modulation, a practical text] [illegible] Moskva, [illegible] 1959. [illegible] p.

GABASOV, B., ed. [illegible] Moskva, [illegible] 1959. 1[illegible] p.

GLAZUNOV, [illegible] Moskva, [illegible]
Vol. 1. 1959. [illegible] p.

[illegible] Leningrad, [illegible] 1959.

[KARA-KALPAK FOLK SONGS] Karakalpakskie [illegible] Moskva, Gos. muzykal'noe izd-vo, 1959. [illegible]

KHADZHIEV, M. [illegible] Makhachkala, [illegible] 1958. [illegible] p.

POPOVA, T. V. [illegible] Moskva, Znanie, 1959. [illegible] p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, [illegible], [illegible])
(MH)

SHEFER, L. V. [L. M. Revuts'kyi, a sketch of his life and works] L. M. Revuts'kyi, narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi literatury URSR, 1958. [illegible]
(NNC)

SHILINSKII, [illegible] [A. A. Altai's theatre] A. A. Altai [illegible] Moskva, [illegible] 1959. 147 p.

SIMONOV, R. N. [With the Vakhtangov group] S Vakhtangovym. Moskva, Gos. izd-vo Iskusstvo, 1959. [illegible] illus.

[illegible] Izd. 2. [illegible] 1959.

[illegible] muzykal'nogo

[illegible] Baku, [illegible] 1957.

[illegible]

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHUDOZHESTVENNOI PROMYSHLENNOSTI. [[illegible] folk embroidery] [illegible] Moskva, [illegible], 1960. 9 p., illus.

NIKITINA, [illegible] Antonovo. [Novgorod, [illegible] gazety "Novgorodskaia pravda," 1960. 13 p.

PAGOL'SKAIA, [illegible] [The [illegible] Church in the old [illegible] collection [illegible]] [illegible] Torgovoi storone. [Novgorod, [illegible] gazety "Novgorodskaia pravda," 1959. 40 p.

PEROV, V.G. [Vasilii Grigor'evich Perov, [illegible] reproductions] Vasilii Grigor'evich Perov [illegible] reproduktsii. Moskva, [illegible], 1956. 13 p.
28 plates.
(RPB)

[RUSSIAN FOLK CERAMICS] [illegible] [Moskva, 1960] 2 p., plates.

SHCHIPANOV, A.S. [Interior and [illegible]] Osveshchenie v obshchestvennom inter'ere. Mo[illegible] Izd-vo lit-ry po stroitel'stvu [illegible] 1960. 113 p.

STULOV, [illegible] [illegible]

[TRENDS IN PRESENT-DAY SOVIET [illegible]] [illegible] of articles] [illegible]
(CU)

TRUNOV, D.I. [illegible] Moskva, [illegible]

II. LANGUAGE, LITERATURE & FOLKLORE

ABAEV, V.I. [illegible] language] [illegible] iazyka [illegible] Izd-vo, 1959. 167 p.

ABASHIDZE, IRAKLII. [illegible] Po sledam [illegible] Mtsereli, 1959. [illegible] p. [illegible]
(MH)

ABRAMOV, M.A. [illegible] tales [illegible] Izd-vo, 1959. 48 p.
(MH)

AFONIN, [illegible] [illegible]

AKADEMIIA NAUK SSSR. [illegible] [Collection of [illegible] foreign literature] [illegible] issledovaniia [illegible] skva, [illegible]

AKADEMIIA NAUK [illegible] [illegible] 20th century [illegible] nykiv, XIX [illegible] URSR, 1959. 315 p.

AKADEMIIA NAUK [illegible] [Polish-Ukrainian [illegible] ukrains'kyi [illegible]
Vol. 2. [illegible]

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Institut defektologii. [illegible] speech, reading [illegible] younger grades [illegible] chteniia [illegible] Pod red. [illegible]

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Institut pedagogiki [illegible] literary works [illegible] Tematicheskii analiz [illegible] v starshikh klassakh [illegible] skva, 1959. 51 p. [illegible]

ALDRIDGE, JAMES. [illegible] my friends [illegible] chane, rasskazy. Moskva, [illegible] 62 p. [illegible]

'ALISHER, MIR, called NAWA'I. [Lyrics, [illegible] Toshkent, [illegible]] 1958. 151 p. [In Uzbek.]
(MH)

ALIEV, R.M., and M.N. OSMANOV. [Omar Khayyam] Omar Khaiiam. Moskva, Izd-vo Akademii nauk SSSR, 1959. 111 p. (Akademiia nauk SSSR. Nauchno-populiarnaia seriia)
(CU)

ALIGER, MARGARITA. [Verse and poems] Stikhotvoreniia i poemy. Moskva, [illegible] VLKSM "Molodaia gvardiia," 1959. 29[illegible] p.

ALTMAN, [illegible] [Roots [illegible]] Korni, [illegible] 1959. 100 p.
(MH)

ANDREEV, [illegible] [Plays] P'esy. Moskva, Iskusstvo, [illegible] 311 p. (Biblioteka dramaturga)
(CU)

ANIKIN, V.P. [The Russian folk tale, a textbook for teachers] [illegible] Russkaia narodnaia skazka [illegible] uchebno-pedagog. Izd-vo M[illegible] RSFSR, 1959. 255 p.

ANTHOLOGY OF AZERBAIJANI POETRY, in three [illegible]
Vol. 1. [illegible]
Vol. 2. [illegible]
Vol. 3. [illegible]

ANTHOLOGY OF [illegible] Translated [illegible]

[illegible]

[ANTHOLOGY OF [illegible] POETRY OF THE 19th and [illegible] [illegible]

ANTHOLOGY OF [illegible] POETRY [illegible]

[ANTHOLOGY OF [illegible] POETRY] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

BALZAC, HONORÉ DE. [Complete works in 24 vo[illegible] Sobranie sochinenii v 24 tomakh. Moskva, [illegible] "Ogonek," Izd-vo "Pravda."
Vol. 10. [Human Comedy. Translated from the French] Chelovecheskaia komediia. [illegible] 517 p.

BANDARINA, Z.A. [Golden [illegible], a tale] [illegible] povest'. Minsk, Gos. izd-vo BSSR, 1959. 205 p.
(MH)

BANYKIN, V.I. [Erokhka's love; tales] Erokhkina liu[illegible] povesti. [Moskva, Sovetskaia Rossiia, 1958] 16[illegible]
(MH)

BARKOVA, [illegible] A., and others. [Development of spe[illegible] in Russian language and literary reading lessons [illegible] grade 5-7] Razvitie rechi na urokakh russkogo iazyka i literaturnogo chteniia v V-VII klassakh. [illegible] Kazan', 1959. 167 p.

BARTO, A.L. [Reading room] [illegible] Moskva, Izd-vo detskoi lit-ry, 1959. 15 p.
(CU)

[illegible], and others. [Youth, a collection] Molodost'. Kishinev, Kartia Moldoveniaske, 1959. 247 p.
(MH)

[illegible] [The [illegible] soldier] [illegible] soldat. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 129 p. (Voennye memuary)

BELINSKII, V.G. [Aesthetics and literary criticism in two volumes] Estetika i literaturnaia kritika v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry, [illegible]
Vol. 1. 1959. 708 p.
Vol. 2. 1959. [illegible] p.

BELODED, I.K., V.I. BORKOVSKII, and P.I. GORB[illegible] [Study of the Ukrainian and White Russian languages [illegible]] [illegible] Izd-vo Akademii nauk, 1958. 174 p. [illegible]
(MH)

[illegible] GRIGORII, poet. [Selected works] [illegible] 317 p.
[illegible]

BEYLE, MARIE HENRI. [Collected works, translated from the French] Sobranie sochinenii. Pod obshchei red. B.G. Reizova. Moskva, Pravda. (Biblioteka "Ogonek") [Published under pseud. Stendhal.]
Vol. 1. 1959.
Vol. 4. 1959.
Vol. 6. 1959.
Vol. 8. 1959.
Vol. 9. 1959.
(MH)

[illegible] [Selected works] [illegible] Moskva, Gos. izd-vo khudozh. lit-ry, [illegible] [illegible] p.

BLINOV, I.IA. [Speech culture] O kul'ture rechi. Moskva, Gos. izd-vo polit. lit-ry, 1959. [illegible] p. (Biblioteka agitatora, no. 9)

BOGATYREV, P.G., ed. [Epic poetry of the Slavic peoples [illegible]] [illegible] 1958. 40 p.

[illegible] Z.B. [illegible] Moskva, [illegible] 1960. [illegible] p.

[illegible] O.I. [illegible] Kyiv, Radians'kyi pys'mennyk, [illegible] [illegible] p.
(MH)

BONCH-BRUEVICH, V.D. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. 1959.
Vol. 3. 1959.
(CU)

[illegible] I.IA., and others, ed. [illegible] Moskva, [illegible] 341 p.

[illegible], R.A. [illegible] Kyiv, Radians'kyi pys'mennyk, [illegible]
(MH)

[illegible], ed. [illegible] Moskva, Detgiz, 1960. 103 p.
([illegible])

[illegible] and **I. N. [illegible]**, comps. [illegible] an anthology for the [illegible] grade [illegible] Moskva, [illegible] 1960. 562 p.

[illegible] [illegible] 1959. 380 p.
(MH)

[illegible], M. [illegible] 1960. 361 p.

[illegible] [illegible] Buryat dictionary of equivalent [illegible] Ulan Ude, 1959. [illegible] [In Russian and Buryat.]

[illegible], V. P. [illegible] 1962. 104 p.

[illegible], ed. [illegible] modern Russian [illegible] 1960. 303 p.

[illegible] [illegible] 1962. 154 p.
(MH)

[illegible] [illegible]

[illegible] [illegible] New York, [illegible]
(MH)

[illegible], S. V. [illegible]
(MH)

[illegible] [illegible]
(MH)

[illegible], A. P. [illegible] 1960. [illegible]

[illegible] [illegible] Translated [illegible] Moskva, [illegible] 1961. 20 p.

[illegible] [illegible] 1959 [illegible]

[illegible] [illegible] Moskva, [illegible] 1961. [illegible] p.

[illegible], A. I. [illegible] of the steppes, a novel] [illegible] Moskva, [illegible] 1959. 384 p.
(MH)

CLEMENS, SAMUEL LANGHORNE. [Adventures of Tom Sawyer. Adventures of Huckleberry Finn. Translated from the English] [illegible] Moskva, [illegible] 1956. 548 p. [illegible] [With author's pseud.: Mark Twain.]

DADASHZADE, MAMED ARIF. [Literary and critical articles] [illegible] stat'i. Baku, [illegible] 1961. 414 p. [In Azerbaijani.]
([illegible])

DAL', [illegible] [illegible] [1959] 95 p.
(MH)

DANOVSKAYA, Z. N. [illegible] a play] [illegible] Moskva, Iskusstvo, 1960. 63 p. [illegible]
(MH)

[illegible] [Byron and the Armenians] [illegible] Erevan, [illegible] 1959. 176 p. [In Armenian.]
(MH)

DAVYDOV, S. L., and others. [Russian language, textbook for correspondence technical schools] [illegible] Moskva, [illegible] 1960. 300 p.

[illegible], D., pseud. [illegible] a tale] [illegible] Leningrad, [illegible] 1960. [illegible] p.
(MH)

DEMENT'EV, A. A. [Collection of problems and exercises in the historical grammar of the Russian language, a textbook for teachers colleges] [illegible] Moskva, [illegible] 1959. 150 p.
(CU)

DICKENS, CHARLES. [Adventures of Oliver Twist. Translated from the English] [illegible] 1951. [illegible] p.
(MH)

[illegible] [illegible] 1957. 107 p.
(MH)

DUBOVIKOV, A. N., ed. [Literature of the peoples of the U.S.S.R., an anthology for the 10th grade [illegible] schools] [illegible] Moskva, [illegible] 1962. 240 p.
(MH)

[illegible] [illegible] Vol. 1. 1958
(MH)

[illegible], I. A. [illegible] Moskva, [illegible] 1962. 104 p.

[illegible] [illegible] 1959. 318 p.

[illegible], B. M. [illegible] Leningrad, [illegible] 1924 [illegible] 168 p.
([illegible])

[illegible] [illegible] Baku, [illegible] 1959. 107 p.
(MH)

[illegible] [illegible] 1959. [illegible] p. [In Armenian.]
(MH)

[illegible], V. P. [illegible] 1959. 150 p.
(MH)

[illegible], L. F. [Soviet satiric prose of the 1920's] [illegible] Moskva, [illegible] 1960. 282 p.

[illegible], I. V. [illegible] a tale] [illegible] povest'. Moskva, [illegible] 1959. 222 p.
([illegible])

[illegible] [illegible] Petersburg [illegible] Leningrad] [illegible] 1958. 125 p.
(MH)

[illegible], I. I. [First birth [illegible] a tale] [illegible] Kiev, [illegible] 1959. 180 p.
(MH)

EXPLANATORY DICTIONARY OF THE KAZAKH LANGUAGE; [illegible] Alma Ata.
Vol. 1. A - K, 1959. 337 p.

FATH'ALI AKHUND ZADA. [Letters of Kemal ad-Dawla] [illegible] Baku, [illegible] 1961. 222 p. [In Azerbaijani.]
(MH)

FEDIN, K. A. [Collected works] [illegible] Moskva, [illegible] 1959. [illegible]
([illegible])

[illegible], M. [illegible] [illegible] of the 19th century] [illegible] XIX [illegible] Alma Ata, [illegible] 1959. 330 p.

[illegible], O. D. [illegible] Moskva, [illegible] 1960. [illegible] p.

[illegible], O. D. [illegible] Leningrad, [illegible] 1960. 375 p.

[illegible] [illegible]

[illegible] [illegible] Moskva, [illegible] 1958. 152 p.
([illegible])

[illegible] [illegible] [In Azerbaijani.]
([illegible])

[illegible] [illegible]
(MH)

[illegible], V. V. [illegible]
([illegible])

[illegible] [illegible]

[illegible] [illegible] 1961. 320 p.
([illegible])

[illegible], A. S. [illegible]

[illegible] [illegible]
([illegible])

[illegible], V. M. [illegible]
([illegible])

AL HAKIM, TAWFIQ. [illegible]

[illegible] [illegible]
(MH)

HAŠEK, JAROSLAV. [illegible]

HAŠEK, JAROSLAV. [illegible]
([illegible])

HOMERUS. [illegible]

HUGO, VICTOR MARIE. [illegible] [Moskva] [illegible] 1959. 152 p.
([illegible])

IAKOVLEV, B. V. [illegible] Moskva, [illegible]

IANKOVSKII, I. [Dialect dictionary] Dyialektny sloumik. Minsk, Vyd-va AN BSSR, 1959. 2?0 p.
(NN)

IASHCHENKO, D.A. [In our editorial office; stories] [illegible] redaktsii. [Moskva, Izd-vo "[illegible]," 1959. 98 p.

ILLES, BELA. [At the crossroads, stories. Translated from the Hungarian] Na rasput'e, rasskazy. Moskva, Izd-vo inostr. lit-ry, 1960. 74 p.
(CU)

IONOV, A.V. [Mountain breed, stories] Gornaia poroda, rasskazy. Moskva, Izd-vo "Pravda," 1960. 16 p. (Biblioteka "[illegible]," no. 20)

IVANOV, V.I. [Spring, cattle, verse] [illegible] [Moskva] Molodaia gvardiia, 1959. 70 p.
(MH)

IVANOV, V.V. [Collected works in eight volumes] [illegible] sochinenii v vos'mi tomakh. [illegible] Izd-vo khudozh. lit-ry.
Vol. 8 [The adventures of a fakir, a novel] [illegible] fakira, roman. 1960. [illegible] p.

IVANOV, V.V. [We are going to India, a novel] My idem v Indiiu, roman. Moskva, [illegible], 1960. 610 p.

IVANOVA, V.F. [Russian spelling and its [illegible]] Russkoe pravopisanie i [illegible] pravila. [illegible] Ob-vo po rasprostr. polit. i nauchn. znanii [illegible] Leningr. otd-nie, 1959. 4? p.
(DLC)

KADIRI, ABDULLA. [illegible] [illegible] roman. Tashkent, [illegible] UzSSR, 1959. 3?? p.
(RRR)

KARENTS, V.G. [illegible] [illegible] gos. izd-vo] 1959. 2?? p. [In Armenian]
(MH)

KASHIL', L.A. [The house of the [illegible] with a prologue and an epilogue] [illegible] roman s prologom i epil[illegible] [illegible] detskoi lit-ry, 1958. 5?0 p.
(NN)

KAVERIN, V.A. [Plays] P'esy. M[illegible] pisatel', 1959. 2?8 p.
(CU)

KEMINE, [Selected works] [illegible] Ashkhabad, Turkmen[illegible] [In Turkmen.]
(MH)

KERDZEVADZE, V.N. [illegible] political ideas] [illegible] K. Nimsheli. Tbilisi, 1959 ??0 p. [In Georgian]
(MH)

KEREN, L. [Russian literature [illegible]] [illegible] evreiskii slovar'. [illegible] Ierusalim, Kiriat Sefer,
Vol. 1. 1958.
(DLC)

KESHOKOV, ALIM. [Verse. [illegible]] [illegible] Poemy. Moskva, Goslitizdat, 1959. [illegible] (Biblioteka sovetskoi poezii)
(MH)

KHAGANI, SHIRVANI. [Selected works. Translated from the Azerbaijani] Izbrannye proizvedeniia [illegible] nauk AzSSR, In-t lit-ry i iazyka [illegible] 1959. 2?8 p.
(MH)

KHAMAGANOV, M.P. [Sketches of [illegible] Buryat poetry] Ocherki buriatskoi [illegible] Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 2?? p.

KHUZANGAI, PETER. [Selected works] Izbrannoe. Moskva, Goslitizdat, 1958. 2?? p.
(CLU)

KLIMOVICH, MIKHAS'. [Clear [illegible] verse] [illegible] Minsk, Dziarzh. vyd-va BSSR, 1959. [illegible]
(MH)

KOBYLIANS'KYI, V.O. [Poems] [illegible] Kyiv, Radians'kyi pys'mennyk, 1959. ??? p. [illegible]
(MH)

KOCHERGA, O.I. [Materials for a terminological dictionary of ancient Russia] Materialy dlia terminologicheskogo slovaria drevnei Rossii. Pod red. D.D. Grekova. Moskva, Izd-vo Akad. nauk SSSR, 1947. [Ann Arbor, Univ. Microfilms, 1960] facsim. 407 p.
(DLC)

KOLLANDIKOVA, CHINA. [A spring in the woods, verse] [illegible] Radians'kyi pys'mennyk, 1959. [illegible]
(MH)

KOPTELOV, A.L. [Meeting life, a tale] Navstrechu zhizni, povest'. Barnaul, Altaiskoe knizhnoe izd-vo, 1959. 2?? p.
(MH)

[KOSTA KHETAGUROV, articles on his life and works] Kosta Khetagurov, stat'i o zhizni i tvorchestve. Ordzhonikidze [illegible] Severo-Osetinskoe knizhnoe izd-vo, 1959. 1?? p.

KOSTIN, V.V. [Place in life] Mesto v zhizni. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. ?? p.
(MH)

KOSTYUKOVSKI, [illegible] [Selected works] [illegible] [illegible] Vyd-vo khudozh. lit-ry, 1959, [illegible] p.
(DLC)

KOVALENKO, LIUDMILA. [Day among the [illegible]] [illegible] [illegible] [illegible] 1960. [illegible] p.

KOZACHENKO, [illegible] [illegible] tales, stories and [illegible] [illegible] 1959 ?07 p.
(DLC)

KOZHUKHAROV, [illegible] [illegible]

KREIDA, A.A. [illegible] [illegible] [illegible] [illegible] V.I. [illegible]

KRIUKOV, F.D. [illegible] Moskva, Goslitizdat, 1958. 200 p.
(DLC)

KUTSENKO, [illegible] [illegible] 1959, [illegible] p.
(DLC)

KURTSBERG, [illegible] [Makarl [illegible], a tale] [illegible] 1959. 2?? p.
(MH)

KUZMINA, [illegible] [illegible] a literary portrait] [illegible] 1959. [illegible]
(MH)

LAVRINENKO, [illegible] [Earth [illegible], plays] [illegible] [illegible] 1958. [illegible] p.
(MH)

LAXNESS, HALLDOR KILJAN. Salka Valka. Moskva, Izd-vo inostr. lit-ry, 1959. 4?? p.

[LENIN JOURNALIST AND EDITOR] Lenin-zhurnalist i redaktor. Moskva, Gos. izd-vo polit. lit-ry, 1960. ??? p.

LENINGRAD. UNIVERSITET. [Anthology of Bengali prose of the 19th century] Khrestomatiia po bengal'skoi proze XIX veka. Sost. V.A. Novikova. Moskva, Izd-vo vostochnoi lit-ry, 1959. 1?? p.

LEONOV, L.M. [Thief, a novel] Vor, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 4?? p.
(DLC)

LERMONTOV, M.IU. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 4. [Prose, letters] Proza, pis'ma. 1959. 82? p.

LEVKOVSKAIA, K.A. [Word formation in the social and political terminology of the contemporary German language with [illegible] vocabulary; [illegible]] [illegible] [illegible] terminologii sovremennogo nemetskogo iazyka [illegible] leksike. Moskva, Izd-vo Akad. nauk SSSR, 1960. 1?? p.

LI, LIU TE. [Changes during sixty years, a novel. Translated from the Chinese] Peremeny za shest' desiatilet, roman. Moskva, Izd-vo inostr. lit-ry.
[In Chinese.]
Vol. 3. 1959.
(MH)

LOZHECHKO, A.D. [Stories about Nekrasov] Rasskazy o Nekrasove. [Iaroslavl'] Iaroslavskoe knizhnoe izd-vo, 1959. 1?7 p.
(RRC)

LUKIN, M.I. [We love, stories] My liubim, rasskazy. [Grozny] Checheno-Ingushskoe knizhnoe izd-vo, 19
?? p.
(MH)

LUPANOVA, I.P. [The Russian folk tale in writers' works during the first half of the 19th century] Russkaia narodnaia skazka v tvorchestve pisatelei pervoi poloviny XIX veka. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1959. 50? p.

[MARCHING SONGS] Glavnaia tema. Moskva, Gos. izd-vo polit. lit-ry, 1960. 2?6 p. (V pomoshch' rabochim

MAKOVEI, OSYP. [Old Mad'iarka; stories] Staraia Mad'iarka; rasskazy. Moskva, Goslitizdat, 1959. ??? p. (Massovaia seriia)
(MH)

MALAKHOVSKII, V.A. [Collection of problems and exercises on the course "Introduction to linguistic studies"] Sbornik uprazhnenii po kursu "Vvedenie v iazykoznanie." Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 1?9 p.

MALYSHKO, ANDRII. [My mother's heart; a book of lyrics] Serdtse moiei materi; knyha liryky. Kyiv, Radians'kyi pys'mennyk, 1959. 2?4 p.
(MH)

MANDRYKA, M.I. Leonid Biletskyi. Kenora, Ont. Ukrainian Association, "Prosvita," 1957. 23 p. (Ukrains'ka vil'na akademiia nauk. Series: Ukrainian scholars, no. 6)
(NN)

MANN, THOMAS. [Doctor Faustus; the life of the composer Adrian Leverkühn, as told by his friend; a novel. Translated from the German] Doktor Faustus; zhizn' nemetskogo kompozitora Adriana Leverkiuna, rasskazannaia ego drugom. Roman. Moskva, Izd-vo inostr. lit-ry, 1959. 614 p.

MANVELIAN, M.G. [Works. Collection. Erevan, Armianskoe gos. izd-vo] 1959. 4?1 p. [In Armenian]
(MH)

MARKISH, PERETZ. [Selected works] Izbrannoe. Moskva, 1957. 415 p.
(PPDrop)

MAROUZEAU, JULES. [Dictionary of linguistic terms. Translated from the French] Slovar' lingvisticheskikh terminov. Moskva, Izd-vo inostr. lit-ry, 1960. 4?? p.
(CU)

MARS'IANOV, I.V. [It happened this way, verse] Bylo tak, stikhi. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1958. 32 p.
(MH)

MASHUKOV, P.F. [Echoes] Otgoloski. [Chita] Chitinskoe knizhnoe izd-vo, 1959. 1?6 p.
(MH)

MOSCOW. GOSUDARSTVENNYI MUZEI I.S. TURGENEVA. [I.S. Turgenev's birthplace as portrayed in his wo... Rodnoi krai v proizvedeniiakh I.S. Turgeneva. [Mo... skva] Izd-vo "Sovetskaia Rossiia," 1959. 80 p.,

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BI... TEKA INOSTRANNOI LITERATURY. [Jules Verne, a bio-bibliography] Zhiul' Vern; bio-bibliografiche... skii ukazatel'. Izd. 2., ispr. i dop. Moskva, Izd-... Vses. knizhnoi palaty, 1959. 128 p. (Pisateli zar... bezhnykh stran)

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BI... BLIOTEKA INOSTRANNOI LITERATURY. [Karel Capek, a bio-bibliography] Karel Chapek; bio-biblio... graficheskii ukazatel'. Moskva, Izd-vo Vses. kni... zhnoi palaty, 1959. 64 p. (Pisateli zarubezhnykh s...

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BI... TEKA INOSTRANNOI LITERATURY. [Lion Feucht... wanger, a bio-bibliography] Lion Feikhtvanger; ... bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 120 p. (Pisateli zarubezhn... stran)

MUSAEV, GYLMAN. [Revolt in the fortress; a novel. Translated from the Azerbaijani] Vosstanie v kreposti, roman. Baku, Azerbaidzhanskoe gos. izd-vo,
Vol. 1. 1959.
(MH)

NANUMIAN, R. [Vrtanes Papazian. Erevan, Armianskoe gos. izd-vo] 1956 238 p. [In Armenian.]
(MH)

[NEW DATA ON MAIAKOVSKII] Novoe o Maiakovskom. Moskva, Izd-vo Akad. nauk SSSR, 1958. 628 p. (Literaturnoe nasledstvo, no. 65)
(GU)

NISONS'KYI, P. [Mykola Bazhan, a literary portrait] Mykola Bazhan, literaturnyi portret. Kyiv, Derzhlitvydav [Ukrainy] 1959. 98 p.
(MU)

OHUL'CHANS'KYI, O. [Vitriv Kut, an adventure tale] Vitriv Kut, pryhodnyts'ka povist'. Kyiv, Molod', 1959. 58 p. (Bibliotechka pryhod ta naukovoi fantastyky)
(MH)

OL'DEROGGE, D. A. [Origin of the Hausa language] Proiskhozhdenie iazyka khausa. Moskva, Izd-vo Akad. nauk SSSR, 1956. 27 p.
(CU)

OLIINYK, S. I. [Selected works] Vybrane. Kyiv, Derzhlitvydav, 1959. 377 p.
(MH)

OMEL'CHENKO, V. M. [My own people, stories] Svoi liudi, rasskazy. Barnaul, Altaiskoe knizhnoe. izd-vo, 1959. 68 p.
(MH)

ORZHEKHOVSKAIA, F. M. [Chopin; a novel] Shopen; roman. Moskva, Sovetskii pisatel', 1959. 575 p.

OSHANIN, I. M., ed. [Chinese-Russian dictionary. More than 70,000 words and expressions] Kitaisko-russkii slovar'. Izd.3. Bolee 70 000 slov i vyrazhenii. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 1100 p.
(CU)

PANFEROV, F. I. [Moral make-up of the Soviet man] O moral'nom oblike sovetskogo cheloveka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 63 p.

PANOV, N. N. [Bells with a resounding sound, a novel] Kolokola gromkogo vola, roman. Moskva, Sovetskii pisatel', 1959. 293 p.
(MH)

PANOVA, V. F. Valia. Volodia. Moskva, Izd-vo "Pravda," 1960. 63 p. (Biblioteka "Ogonek," no. 18)

PASHKOV, IU. V [Earthly joy; verse] Zemnaia radost', stikhi [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. 49 p.
(MH)

PASSAR, ANDREI. Mokona. Moskva. Molodaia gvardiia, 1958. 99 p.
(CLU)

PETL'OVANYI, V. I. [Distant friend; a story] Dalekyi druh; opovidannia. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1957. 316 p.
(NNC)

PODVORNIAK, M. [The green grove; short stories] Zelenyi Hai; opovidannia. Toronto, Nakladom Khrystyians'koho vyd-va "Doroha pravdy," 1959. 198 p. (Vydavnytstvo "Doroha pravdy," no. 14)

POE, EDGAR ALLEN. [Selected works. Translated from the English] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 342 p.
(OCI)

[POETRY IN BATTLE; verse on the Great Patriotic War] Poeziia v boiu; stikhi o Velikoi Otechestvennoi voine. Moskva, Voen. izd-vo M-va obor. SSSR, 1959 840 p.

POLIAKOV, V. S. [Day of open hearts, humorous and satiric stories; feuilletons] Den' otkrytykh serdets; iumoristicheskie i satiricheskie rasskazy, fel'etony. Moskva, Sovetskii pisatel', 1960. 287 p.

POGODIN, NIKOLAI. [Trilogy about V. I. Lenin. Man with the rifle. Kremlin Chimes. The third pathetique] Trilogiia o V. I. Lenine. Chelovek s ruzh'em. Kremlevskie kuranty. Tret'ia pateticheskaia. Moskva, Sovetskii pisatel', 1960. 216 p.

PORTIANKIN, I A [V I Lenin's editorial and newspaper work, lectures] Redaktorskaia i publitsisticheskaia deiatel'nost' V I Lenina, lektsii, prochitannye v Vysshei partiinoi shkole pri TsK KPSS Moskva, Izd-vo VPSh i AON pri TsK KPSS. 1959 136 p.

POVARENKIN, N. K. [Real friends] O druz'iakh nastoiashchikh. [Riazan'] Riazanskoe knizhnoe izd-vo, 1959. 45 p.
(MH)

PRELOVSKII, A. V. [Cutting in the forest, verse] Proseka; stikhi. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 123 p.
(MH)

PROKOF'EV, A. A. [Apple tree above the sea, verse] IAblonia nad morem; stikhi. Leningrad, Sovetskii pisatel', 1958. 55 p.
(MH)

PTASHNIKAU, I. M. [The grain does not fall on stone, stories and tales] Zerne padae ne na kamen, apaviadanni i apovestsi. Minsk, Dziarzh. vyd-va BSSR, 1959 257 p.
(MH)

RAFFI. [Literature. O literature. Erevan, Akad. nauk Armianskoi SSR, In-t lit-ry im. M. Abegiana] 1958. 379 p. [In Armenian.]
(MH)

RIABCHIKOV, E. I. [Birth of a subject] Rozhdenie temy. Moskva, Gos. izd-vo polit lit-ry, 1960. 134 p. (Bibliotechka zhurnalista)

RIURIKOV, B. S. [Marxism-Leninism on literature and art] Marksizm-leninizm o literature i iskusstve. Moskva, Sovetskii pisatel', 1960. 153 p.

ROMANENKO, F. I. [Collective-farm newspaper and collective-farm life; an editor's notebook] Babatotyrazhka i kolhospne zhyttia; notatky redaktora. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 32 p. (Bibliotekhka robsil'kora)

ROZENTAL', D. E. [Russian language textbook for students entering institutions of higher learning] Posobie po russkomu iazyku dlia postupaiushchikh v vuzy. [Moskva] Izd-vo Mosk. univ, 1960 239 p.

RUDNYTS'KYI, IA. B. [Problems in the present-day study of Shevchenko] Naiblyzhchi zavdannia shevchenkoznavstva. Vinnipeg, 1958. 32 p. (Ukrains'ka vil'na akademiia nauk. Seriia: Litopys UVAN, 16)
(MH)

RYL'SKYI, MAKSYM. [Lyrics of later years] Lirika pozdnikh let. Moskva, Izd-vo "Pravda," 1960. 29 p. (Biblioteka "Ogonek," no. 19)

SAFONOV, V. A. [Road to the wide-open spaces] Doroga na prostor. Moskva, Sovetskaia Rossiia, 1959. 327 p.
(NN)

SAIPRADIT, KULAB. [Facing the future. Translated from the Siamese] Litsom v budushchee. Moskva, Izd-vo inostr. lit-ry, 1958. 139 p.
(CLU)

SAKHAROVA, L. A. [Great heart; stories] Bol'shoe serdtse; rasskazy. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 122 p.
(MH)

SARIAN, GEGAM. [Verse. Stikhotvoreniia. Erevan, Armianskoe gos. izd-vo] 1958. 325 p. [In Armenian.]
(MH)

SARKISIAN, KH. S. [Nalbandian's literary work] Literaturnoe tvorchestvo Nalbandiana. Erevan, Akad. nauk Armianskoi SSR, In-t lit-ry, 1959. 212 p. [In Armenian.]
(MH)

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON. [Selected works. Translated from the German] Izbrannye proizvedeniia. Moskva, Goslitizdat, 1959. 2 v.
(CLU)

SHAGINIAN, M. S. [The Ul'ianov family, sketches, articles; reminiscences] Sem'ia Ul'ianovykh; ocherki, stat'i, vospominaniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 686 p.

SHAGZHIN, TSYREN. [Spring song; a play. Translated from the Buryat] Pesnia vesny, drama. Moskva, Iskusstvo, 1959. 98 p.
(MH)

SHAIK, ABDULLA. [Selected works. Translated from the Azerbaijani] Izbrannoe. Baku, Azerbaidzhanskoe gos. izd-vo. (Dekada azerbaidzhanskoso iskusstva i literatury)
Vol. 1. 1959.
(MH)

SHAKESPEARE, WILLIAM. [Complete collected works in eight volumes. Translated from the English] Polnoe sobranie sochinenii v vos'mi tomakh. Pod red. A. Smirnova i A. Aniksta. Moskva, Gos. izd-vo "Iskusstvo,"
Vol. 6. 1960. 685 p.

SHASHKOU, ALES'. [Sun dims the stars, stories] S [illegible] bushyts' zorki; apaviadanni. Minsk, Dziarzh. vyd-va BSSR, 1959. 140 p.
(MH)

SHEININ, L. R. [Old acquaintance, tales and stories] Staryi znakomyi; povesti i rasskazy. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1959. 720 p.
(RPB)

SHEVCHENKO, TARAS. [Complete collected works] Povne vydannia tvoriv. Vyd. 2., dop. Red. Pavel Zaitsev. Chikago, Vyd-vo M. Denysiuka, 1959. 3 v.
(NN)

SHIRSHOV, B. V. [Simple and great, verse] O prostom i velikom; stikhi. Perm', Permskoe knizhnoe izd-vo, 1959. 33 p.
(MH)

SHIRVANZADE, AL. [Complete collected works in ten volumes] [Polnoe sobranie sochinenii v desiati tomakh. Erevan, Armianskoe gos. izd-vo. In Armenian.]
Vol. 7. 1959. 540 p.

SHKLOVSKII, V. B. [Literary prose; thoughts and analyses] Khudozhestvennaia proza, razmyshleniia i razbory. Moskva, Sovetskii pisatel', 1959. 627 p.

SHOGENTS, T. P. [Life; a novel. Zhizn'; roman. Erevan, Armianskoe gos. izd-vo] 1959. 402 p. [In Armenian.]
(MH)

SHUTOV, I. N. [Moonlight sonata, stories] Lunnaia sonata, rasskazy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 268 p.
(MH)

SIENKIEVICZ, HENRYK. [The crusaders, a historical novel] Krestonostsy, istoricheskii roman. Leningrad, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 334 p.

SILAKOV, A. S. [Courageous people; stories] Smelye liudi; rasskazy. Leningrad, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 110 p.

SINENKO, V. I. [In the country of the Ophir; a historical novel] Strana Ofir; istoricheskii roman. Moskva, Sovetskii pisatel', 1960. 598 p.

SIRENKO, M. P. [Under the sun's rays the rye turns yellow; verse] Vid sontsia zhyto polovile, poezii. Kyiv, Molod', 1959. 49 p.
(MH)

SKRYPKA, MIKHAS'. [It doesn't concern me; stories and humorous sketches] Maia khata ne z kraiu, apaviadanni i humareski. Minsk, Dziarzh. vyd-va BSSR, 1959. 174 p.
(MH)

SLOBODIANIUK, BORYS. [Unforgettable; stories] Nezabutnie; opovidannia. Kyiv, Radians'kyi pys'mennyk, 1959. 112 p.
(MH)

SLONIMSKII, M. L. [They of the same age as the century, a novel] Rovesniki veka; roman. Leningrad, Sovetskii pisatel', 1959. 162 p.
(CU)

SMIRNITSKII, A. I. Russian-English dictionary. Compiled by O. S. Akhmanova and others. New York, E.P Dutton, 1959. 951 p.
NN

SMOLEY, IVAN. [Near the border; a tale] U zelenomu Pidhir'i; povist'. Dzhorzi Syti, Vydo-vo "Svoboda," 1960. 100 p.
(NN)

SOBKO, V. M. [We only dream of peace; a novel] Pokoi nam tol'ko snitsia; roman. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 310 p.

[SOVIET WRITERS; autobiographies in two volumes] Sovetskie pisateli; avtobiografii v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 2. 1959. 759 p.

SUGONIAI, V. P. [Mihail Sadoveanu; his life and works] Mikhail Sadovianu; zhizn' i tvorchestvo. Moskva, Sovetskii pisatel', 1959. 330 p.
(CU)

SULTANOV, KAMIL'. [Daghestan poets, critical biographical sketches] Poety Dagestana, kritiko-biograficheskie ocherki. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 176 p.

SYROTIUK, M.I. [Ivan Mykytenko, his life and works] Ivan Mykytenko, zhyttia i tvorchist'. Kyiv, [illegible] Ukrainy, 1959. 103 p.
(MH)

TAMRAZIAN, G.S. [Shirvanzade, a brief sketch] Shirvanzade, kratkii ocherk. Erevan, Armianskoe gos. izd-vo, 1959. 147 p. [In Armenian.]
(MH)

TARASOV, A.I. [The N.A. Nekrasov Karabikha Country Estate Museum, guidebook] Karabikha; Muzei-usad'ba N.A. Nekrasova, putevoditel'. [Iaroslavl'], [Iaroslavskoe knizhnoe izd-vo], 1959. 104 p.

TARASOV, M.V. [illegible] Moskva, Sovetskii pisatel', 1959. [illegible] p.
(MH)

TEREMCHENKO, M.I. [illegible] 1915-1958] [illegible] 1915-1958. Leningrad, Sovetskii pisatel', [illegible] p.
(MH)

TERZIBASHIAN, V.V. [illegible] Akad. nauk Armianskoi SSR, [illegible] 1959. 104 p.
[In Armenian.]
(MH)

TIUTIUNNYK, HRYHORII. [A [illegible] the sun, a tale] [illegible] Moskva, Sovetskii pisatel', [illegible] p.
(MH)

TKACH, D.V. [illegible] Kyiv, [illegible] 1959. 91 p.
(MH)

TOLSTOI, L.N. [Works] [illegible] Kyiv, [illegible] khudozh. lit-ry, 1958. [illegible]
(MH)

TVARDOVSKII, A.T. [illegible] Gos. izd-vo khudozh. lit-ry.
Vol. 2. [illegible] 474 p.

TVARDOVSKII, A.T. [Native and foreign [illegible] sketches, stories] [illegible] Moskva, Sovetskii pisatel', [illegible]

[UZBEK LITERATURE; [illegible]
Vol. 1. 1959. [illegible]
Vol. 2. 1959. [illegible]
Vol. 3. 1959. [illegible]

VALGINA, N.S., and D.E. ROZENTAL', [illegible] [Punctuation and dictation [illegible] book for journalists [illegible] diktanty [illegible] 1959. 247 p.

VASIL'EV, [illegible] 105 p.

[VERSE ON [illegible] khudozh. lit-ry, [illegible]

VIENUOLIS, A. [illegible] Antanas Žukauskas.

VIL'NYI, V.M. [illegible] tale] [illegible] Kyiv, [illegible], 1959. 190 p.
(MH)

VINOGRADOV, A.K. [Selected works [illegible]] Izbrannye proizvedeniia v trekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [The three colors of [illegible]] [illegible] 1959. 632 p.
Vol. 2. [A tale about the [illegible]] [illegible] 1959. [illegible]
Vol. 3. [illegible] 1960. [illegible]

VINOGRADOVA, L.A. [System of work on the Russian language in grade 5, a handbook for teachers] Sistema raboty po russkomu iazyku v V klasse, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 200 p.

VORONYI, MYKOLA. [Selected poems] Vybrani poezii. Kyiv, Radians'kyi pys'mennyk, 1959. [illegible] p. (Biblioteka poeta)
(MH)

VULIS, A.Z. [I. Il'f, E. Petrov, a study of their works] I. Il'f, E. Petrov, ocherk tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 374 p.

VYSHNEVS'KYI, D.K. [Seventy [illegible] and day, a tale] [illegible] Kyiv, Radians'kyi pys'mennyk, [illegible]
(MH)

WU [illegible] Moskva, Izd-vo inostr. lit-ry, 1960. 115 p.

ZHDANOV, V.A. [History of the creation of L.N. Tolstoi's "Resurrection", materials and observations] [illegible] romana L.N. Tolstogo "Voskresenie", materialy i nabliudeniia. Moskva, Sovetskii pisatel', 1960. [illegible] p.
[illegible]

ZORIAN, STEPAN. [illegible] Erevan, Armianskoe gos. izd-vo, 1958. 145 p. [In Armenian.]
(MH)

[illegible]

[illegible]

12 GEOGRAPHY & GEOLOGY

[illegible] Alma-Aty, [illegible]

[illegible]

[illegible]

[illegible]

[illegible] MVD SSSR, [illegible]

[illegible] Alma-Ata [illegible]

[illegible] MVD SSSR [illegible]

[illegible] Akad. nauk SSSR [illegible]

BUBNOV, S.N. [Basic problems in geology] Osnovnye problemy geologii. Pod red. E.E. Milanovskogo. [Moskva] Izd-vo Mosk. univ., 1960. 233 p.

CHERNOVTSY. KRAIEZNAVCHYI MUZEI. [Chernovtsy, a guidebook] Chernivtsi, dovidnyk putivnyk. Chernivtsi, Chernivets'ke obl. vyd-vo, 1959. 113 p.
[MICROFILM]

[DAGHESTAN, A LAND OF MOUNTAINS, on the 40th anniversary of Soviet Daghestan] Dagestan - strana gor, k 40-letiiu sovetskogo Dagestana. [Rostov-na-Donu, Izogiz, n.d.] 12 post cards (in portfolio)

DUNAEV, V.P. [The northernmost, geographical study of the transpolar city of Norilsk] Samyi severnyi, geograficheskii ocherk o Zapoliarnom gorode Noril'ske. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 71 p.

GALAKHOV, A.V. [Rischorrite in the Khibiny alkali massif] Rischorrity Khibinskogo shchelochnogo massiva. Moskva, Izd-vo Akad. nauk SSSR, 1959. 169 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR [Countries and peoples of the Orient] Strany i narody Vostoka. Pod red. V.V. Struve. Moskva, Izd-vo vostochnoi lit-ry. Vol. 1, 1959.
(MH)

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Moskovskii filial. [Geography in foreign countries] Geografiia za rubezhom. Moskva, Gos. izd-vo geogr. lit-ry, 1958. 207 p.
(DLC)

GORSKII, N.N. [Secrets of the ocean] Taina okeana. Izd-vo Akad. nauk SSSR, 1960. 316 p.

GORIAEV, V.I. [Nature of Mordovia] Priroda Mordovii. Saransk, Mordovskoe knizhnoe izd-vo, 1959. 133 p.

GROMOV, L.V. [Fragment of ancient Beringiya] Oskolok drevnei Beringii. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 95 p.

GVOZDETSKII, N.A., and others. [Physical geography of the U.S.S.R., a textbook for students attending geography faculties of correspondence schools] Fizicheskaia geografiia SSSR, uchebnoe posobie dlia studentov zaochnikov geograficheskikh fakul'tetov. Pod red. N.A. Gvozdetskogo. [Moskva] Izd-vo Mosk. univ., 1959. 460 p.

GVOZDETSKII, N.A., G.M. IGNAT'EV, and L.A. MIKHAILOVA, comps. [A reader in physical geography: Africa, America, Australia, Oceania, Antarctica; teachers' textbook] Khrestomatiia po fizicheskoi geografii: Afrika, Amerika, Avstraliia, Okeaniia, Antarktida; posobie dlia uchitelei. Izd. 2., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 605 p.

[A HISTORICAL ATLAS OF THE U.S.S.R. for secondary schools. Part 3] Atlas istorii SSSR, dlia srednei shkoly. Pod obshchei red. A.M. Pankratovoi, I.A. Golubtsova i A.V. Fokht. Izd. 2. Moskva, Glav. upr. geodezii i kartografii MVD SSSR,
Pt. 3. 1959. 51 p.

INTERNATIONAL GEOLOGICAL CONGRESS, 20th, Mexico, 1956. [Materials on petroleum geology] Materialy po geologii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.
Vol. 2. [European countries and Turkey] Strany Evropy i Turtsiia. Pod red. I.O. Broda. 1959. 210 p.

JOHAR, JAN. [Two thousand two hundred kilometers along the Danube] 2200 kilometrov po Dunaiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 70 p.

KHYZHNIAK, A.A. [Zaporozhye Province; geographical study] Zaporiz'ka oblast', heohrafichnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 123 p. (Oblasti Ukrains'koi RSR)
[MICROFILM]

KOMPLEKSNAIA IUZHNAIA GEOLOGICHESKAIA EKSPEDITSIIA, 1956-. [Transactions of the General Southern Geological Expedition] Trudy. Pod red. I.O. Broda. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie.
No. 4. [Geology and oil and gas potentials of the southern U.S.S.R., Daghestan] Geologiia i neftegazonosnost' Iuga SSSR, Dagestan. 1959. 431 p.

KROTKOVA, KH.P. English-Russian and Russian-English dictionary of the geographical names of China. New York, 1951. [illegible] p.
[illegible]

A [illegible]

[illegible], [illegible] [illegible] [illegible], [illegible] [illegible] [illegible] Profizdat, 1960. 20 p.

MALAHOV, M. [illegible] [illegible] [illegible], 1961. 156 p.

[MAHACHKALA, CAPITAL OF THE DAGHESTAN A.S.S.R. — on the 40th anniversary of Soviet Daghestan] Makhachkala — stolitsa Dagestanskoi A.S.S.R., [illegible] 40 letiiu sovetskogo Dagestana [illegible] [illegible], n.d. 14 post cards (in portfolio)

MAVRODIN, V.V. [Origin of the names "Rus'," "Russian," "Rossiia"] Proiskhozhdenie nazvanii "Rus'," "russkii," "Rossiia." Leningrad, [illegible] politicheskikh i nauchnykh znanii RSFSR, Leningradskoe otdelenie, 1958. 30 p.

MORDVILKO, T.A. [Lower Cretaceous sediments in Ciscaucasia and the Northern Caucasus] [illegible] otlozheniia Severnogo Kavkaza i Predkavkaz'ia. Moskva, Izd-vo Akademii nauk SSSR, 1960. 240 p.

[ON THE VOLGA, a guide to the Volga, Kama, Oka, and Don Rivers] Po Volge; putevoditel' po Volge, Kame, Oke, Donu. [Moskva, Izd-vo "Rechnoi transport," n.d.] 104 p.

PUZANOV, I.I. [Across Crimean and [illegible] travels] Po [illegible] [illegible], Moskva, [illegible] [illegible], 1960. 264 p.

RYAZAN. [illegible] [illegible] [illegible], 1959. 172 p. [illegible]

RYPACHOK, I.M. [Volhynia Province, [illegible] study] [illegible] [illegible] [illegible] [illegible] 1959. 110 p. [illegible]

[MICROFILM]

RYZHKOV, O.A. [illegible] [illegible] [illegible] Valley] [illegible] [illegible] Tashkent, [illegible] [illegible], 1960. 100 p.

SARKIZOV-SERAZINI, I.M. [illegible] [illegible] [illegible] [illegible], 1960. 30 p.

SKOTOLENKO, A.V. [Problems of the Amur River and its largest tributaries, the Zeya, Bureya, [illegible], and the [illegible]] Problemy [illegible] Amura i ego [illegible] [illegible], Zei, Burei, [illegible] [illegible] [illegible], 1959. 64 p. [illegible]

SUKHAREV, G.M. [Hydrogeology and waters of oil and gas fields] Gidrogeologiia i vody neftianykh i gazovykh mestorozhdenii. Leningrad, [illegible] [illegible] [illegible], 1959. 342 p.

TIKHOMIROV, V.V. [Geology in Russia in the first half of the 19th century] Geologiia v Rossii pervoi poloviny 19 veka. Moskva, Izd-vo Akad. nauk SSSR. Pt. 1. 1960. 227 p.

TITOV, A.G. [Mineralogy and its fundamentals of geology, manual for pedagogical schools] Mineralogiia s osnovami geologii, [illegible] [illegible] pedagogicheskikh uchilishch. Izd. 2, [illegible] Moskva, [illegible] [illegible] Izd-vo M-va prosv. RSFSR, 1959. 120 p.

TKACHUK, V.G., and E.V. PINNEKER [Geology and waters of Irkutsk Province and their significance for the national economy] [illegible] [illegible] [illegible] [illegible] [illegible] Irkutsk, Irkutskoe knizhnoe izd-vo, 1959. 100 p.

TUGUTOV, I.E. [Buryat material culture, ethnological study] Material'naia kul'tura buriat, [illegible] [illegible] Ulan-Ude, [illegible] [illegible] [illegible], 1958. 213 p.

VLASOV, K.A., and E.I. KUTUKOVA [illegible] [illegible] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. 249 p.

ZABLAVSKII, I.L., and T.P. GERASIMOVA. [Physical geography (beginner's course) textbook for the fifth grade of a seven year and secondary school] Fizicheskaia geografiia (nachal'nyi kurs), uchebnik dlia V klassa semiletnei i srednei shkoly. Izd. 8. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 160 p.

ZOLOTUKHIN, V.V. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible], 1960. [illegible]

[illegible] SCIENCE

AKADEMIIA NAUK [illegible] [illegible] Alma-Ata. [illegible] [illegible] [illegible] Alma-Ata. Vol. 3. 1960. [illegible]

AKADEMIIA PEDAGOGICHESKIKH NAUK [illegible] [illegible] [illegible] [illegible] [illegible]

ASTUDENKO, V.A. [illegible] [illegible] [illegible] [illegible] [illegible]

BAKHMAN, V.I. [illegible] [illegible] [illegible]

BALABINA, V.P. [illegible] [illegible] [illegible]

BALABAN, V.I. [illegible] [illegible] [illegible], 1960. 104 p.

BARANOV, G.F. [illegible] [illegible] [illegible]

BEREZIN, I.M. [illegible] [illegible]
Vol. 1. 1959. [illegible]
Vol. 2. 1959. [illegible]

BHAGAVANTAM, S. [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

BIKTIMIROVA, A. [illegible] [illegible] [illegible]

BOGDANOVA, A.I. [illegible] [illegible]

BUDNIKOV, M.I. [illegible] [illegible] [illegible]

BURYAK, V.IA. [illegible] [illegible] [illegible], 1959. [illegible]

BUTCHINSKII, I.K. [illegible] [illegible]

BUTKOV, G.D. [illegible] [illegible]

BYKOV, G.V. [Electronic charges of bonds in organic compounds] Elektronnye zariady sviazei v organicheskikh soedineniiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 177 p.

CHERKASOV, V.F. [illegible] [illegible] [illegible] [illegible] 1959. 80 p. [illegible] literatura)

DANILEVICH, L. [illegible] [illegible] [illegible]

KOLOPKOV, N. V. [Climate of Moscow and its environs] Klimat Moskvy i Podmoskov'ia. [Moskva, Mosk. rabochii, 1960. 101 p.

KOLOSOV, A. A. [A book for out-of-class reading on mathematics for ninth grade students] Kniga dlia vneklassnogo chteniia po matematike dlia uchashchikhsia IX klassa. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 210 p. ([illegible] nika)

KONDRAT'EV, V. N. [Structure of atoms and molecules] Struktura atomov i molekul. Izd. 2., perer. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 524 p.

KOZ'MINA, N. P. [Biological principles underlying the improvement of grain quality] Biologicheskie osnovy uluchsheniia kachestva zerna. Moskva, [illegible] lit-ry po voprosam [illegible] kombikormovoi promyshl. [illegible] khoz., 1959. 102 p.

KRASIL'NIKOV, V. A. [Sonic and ultrasonic waves in air, water, and solid bodies] Zvukovye i ul'trazvukovye volny v vozdukhe, vode i tverdykh telakh. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 560 p.

LENINGRAD. PERVYI LENINGRADSKII MEDITSINSKII INSTITUT. Kafedra normal'noi anatomii. [Anatomy of the blood vessels of the internal organs, [illegible] tion of articles] Anatomiia sosudistoi [illegible] sbornik nauchnykh rabot. Leningrad, 1959. [illegible] p.
(MnU)

MAKAROV, Iu. B. [illegible] Moskva, [illegible], 1960. 428 p.

LOPASHOV, G. V. [Mechanisms of development of the embryonic eye in vertebrates] Mekhanizmy razvitiia zachatka glaza v [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible] p.

MALYSHEV, S. I. [Hymenoptera, their origin and evolution] Pereponchatokrylye, ikh proiskhozhdenie i evoliutsiia. Moskva, Gos. izd-vo "Sovetskaia nauka," 1959. 290 p.

MARKOSIAN, A. A. [Nervous regulation of blood coagulation] Nervnaia reguliatsiia svertyvaniia krovi. Moskva, Izd-vo Akad. [illegible] p.

MATIAKIN, V. N. [illegible] Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. [illegible] p.

MEDNIKOVA, N. V. [illegible] middle latitudes] [illegible] srednikh shirotakh. Moskva, Izd-vo Akad. nauk SSSR, 1957. 1 v.
(Copies)

NALIMOV, V. V. [Application of mathematical statistics to the analysis of matter] Primenenie matematicheskoi statistiki pri analize veshchestva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 430 p.

NIKITIN, N. D. [Observing the night sky [illegible] experience] [illegible] Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 57 p. [illegible]

NOVOGRUDSKII, D. M. [illegible] factors of its formation [illegible] mikrobiologicheskie faktory [illegible] Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 92 p.

NOVOKSHANOVA, Z. K. [illegible] military president, [illegible] Ivanovich [illegible] Moskva, Izd-vo [illegible], 1959. 91 p.

PALLADIN, V. I. [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible] p.

PANOV, D. Iu. [Slide rule] Schetnaia lineika. Izd. 18., dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1960. 160 p.

PEREL'MAN, Ia. I. [illegible] Izd. 8. Moskva, Gos. izd-vo [illegible] lit-ry.
Book 2. 1959. [illegible] p.

PONOMAREV, S. A., and N. I. SYRNEV. [Collection of problems and exercises in arithmetic for grades 5-6 of the eight year school] Sbornik zadach i uprazhnenii po arifmetike dlia V-VI klassov vos'miletnei shkoly. Izd. 7., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. [illegible] p.

PORAI-KOSHITS, M. A. [Practical course of X-ray diffraction study of crystal structures] Prakticheskii kurs rentgenostrukturnogo analiza. [Moskva] Izd-vo Mosk. univ.
Vol. [illegible] 1960. 631 p.

PRAGER, WILLIAM. [Problems in the theory of plasticity. Translated from the German] Problemy teorii plastichnosti. Pod red. I. I. [illegible]. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 136 p.
(DPU)

[illegible] A. V., and V. IA. GOLANT. [The cradle of Russian science, historical studies on the scientific institutions of the Strelka, Vasil'evskii Island in Leningrad] Kolybel' russkoi nauki, [illegible] Strelki Vasil'evskogo ostrova v Leningrade. [Leningrad] Lenizdat, [illegible] p.

RIGA (1921-). [illegible] [Climate of [illegible]] [illegible] Pod red. A. N. [illegible] Leningrad, Gidrometeor. izd-vo, 1959. 300 p.

RIGA (1951-). [illegible] Moskva, Izd-vo Akad. nauk, 1959. 61 p.
[illegible]

SAKHAROV, D. I., and M. [illegible] [Physics for [illegible]] Moskva, [illegible], 1960. 470 p.

[illegible] [illegible] 1960. [illegible]

SAPOZHNIKOV, R. A. [Theoretical photometry; fundamentals of light intensity calculations] Teoreticheskaia fotometriia [illegible] Moskva, Gos. energ. izd-vo, 1960. 176 p.

SARATOV. [illegible] 1960. 111 p.

[illegible] [illegible] 1957. 49 p.

[illegible] [illegible] Moskva, [illegible], 1957. [illegible]

SHILOV, G. E. [Mathematical analysis, a special course] Matematicheskii analiz, spetsial'nyi kurs. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 388 p.

[illegible] [illegible] apparatus [illegible] Moskva, [illegible], 1960. 315 p.

[illegible] V. IA. [Mechanism of [illegible]] Mekhanizm [illegible] Moskva, Izd-vo Akad. nauk SSSR, [illegible] 423 p.

SMIRNOV, A. M., and others. [Karakul, popular science [illegible]] [illegible] Kiev, Izd-vo Akad. nauk USSR, 1959. 107 p.

[illegible], ed. [Physical properties of plasma [illegible]] [illegible] Moskva, Izd-vo Mosk. univ., [illegible] p.

STEPANOV, P. P. [Homemade visual aids in biology, from the work practice of No. 7 school in Kaluga] [illegible] po biologii, iz opyta raboty [illegible] Kalugi. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 159 p.

[illegible], M. K., [illegible] [General [illegible]] [illegible] Izd. 2., perer. Moskva, [illegible] "Vysshaia shkola," 1959. 388 p.

TATEVSKII, V. M., V. A. BENDERSKII, and S. S. IAROVOI. [Methods for the calculation of and regularities in the physicochemical properties of paraffin hydrocarbons] [illegible] Moskva, [illegible] 1960. 11[illegible] p.

TERNOVSKII, D. V. [Biology and acclimatization of the American mink (Lutreola vison Brisson) in the Altai] Biologiia i akklimatizatsiia amerikanskoi norki (Lutreola vison Brisson) na Altae. Otvet. red. A. A. Maksimov. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 137 p.

TITOV, V. S. [illegible] Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 51 p.

TSVETKOV, L. A. [Study of polymers in the secondary schools, manual for chemistry teachers] Izuchenie polimerov v srednei shkole; posobie dlia uchitelei khimii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 112 p. (Pedagogicheskaia biblioteka uchitelia)

USTINOV, A. A. [Gall nematode, a monograph on agronomic helminthology] Gallovaia nematoda, monografiia po agronomicheskoi gel'mintologii. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1959. 204 p.

VERNADSKII, V. I. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. 1960. [illegible] p.

VLASIUK, P. A., and E. S. KOSMATYI. [Tagged atom method in agricultural physiology] Metod mechenykh atomov v agrofiziologii. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1959. 320 p.

VORONTSOV, P. A. [Aerological investigation of the boundary layer of the atmosphere] Aerologicheskie issledovaniia pogranichnogo sloia atmosfery. Leningrad, Gidrometeor. izd-vo, 1960. 450 p.

ZAKHVATKIN, A. A. [Comparative embryology of the lower invertebrates, sources and methods of formation in the individual development of multicellular animals] Sravnitel'naia embriologiia nizshikh bespozvonochnykh; istochniki i puti formirovaniia individual'nogo razvitiia mnogokletochnykh. Moskva, Gos. izd-vo "Sovetskaia nauka," 1949. 394 p.
(MnU)

ZAPOROZHETS, G. I. [Methodological handbook for solving problems on mathematical analysis] Metodicheskoe rukovodstvo k resheniiu zadach po matematicheskomu analizu. Moskva, Vses. zaochnyi inst. inzhenerov zheleznodor. transporta.
Pt. 1. 1959. 203 p.

ZNAMENSKII, M. A. [Field measurements, manual for students at the departments of physics and mathematics of pedagogical institutes] Izmeritel'nye raboty na mestnosti; posobie dlia studentov fiziko-matematicheskikh fakul'tetov pedagogicheskikh institutov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 160 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut infektsionnykh boleznei. [Dysentery; epidemiology, pathogenesis, clinical aspects, and therapy] Dizenteriia, epidemiologiia, patogenez, klinika i terapiia. Red. kol. O. I. Khomenko i dr. Kiev, Gos. med. izd-vo USSR, 1959. 370 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut pitaniia. [Importance of protein in the diet in health and sickness, collection of articles] Znachenie belka v pitanii zdorovogo i bol'nogo cheloveka; sbornik trudov. Moskva, Gos. izd-vo med. lit-ry, 1959. 298 p.

AL'F, S. L., and others
dition of the soil of
sani
Pod
195

DO

PU

BURAGO, L. I. [A
for middle age and
nia i lechebnoe profilaktiki
srednego i pozhilogo vozr
med. lit-ry. 1959. 27 p.

A 14-15

[CHINESE CHENGCHIU THERAPY, brochure prepared by the Institute of Chengchiu Therapy of the Central Research Institute for Chinese traditional medicine] Kitaiskaia chzhen'tsziu-terapiia, broshiura sostavlena Institutom chzhen'tsziu-terapii pri TSentral'nom nauchno-issledovatel'skom institute traditsionnoi kitaiskoi meditsiny. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 20 p.
(DNLM)

CHUBINSKII, S. M. [Solar rays and their effect on the human body] Luchi solntsa i deistvie ikh na organizm cheloveka. Moskva, Gos. izd-vo med lit-ry, 1959. 215 p.
(DNLM)

DAVIDENKOVA-KUL'KOVA, E. F. [Diencephalic epilepsy; seizures in diseases of the hypothalamic region in clinical practice and under experimental conditions] Dientsefal'naia epilepsiia, pripadki pri porazhenii podbugrovoi oblasti v klinike i eksperimente. [Leningrad] Gos. izd-vo med lit-ry. Leningr. otd-nie, 1959. 291 p.
(DNLM)

DEGLIN, A. IA. [Useful habits and daily regimen] Poleznye privychki i rezhim dnia. Moskva, Gos. izd-vo med. lit-ry, 1960. 25 p. (Nauchno-populiarnaia meditsinskaia literatura)

DOMBROVSKAIA, I. F. [Pneumonia in young children] Vospalenie legkikh u detei rannego vozrasta. Moskva, Medgiz, 1955. 12 p. (Sovety roditeliam, sel'skaia biblioteka)
(WaU)

DOROSHENKO, I. T. [Cancer of the larynx, a popular essay] Rak gortani, nauchno-populiarnyi ocherk. [Kalinin] Kalininskoe knizhnoe izd-vo, 1957. 19 p. (Sovety vracha)
(DNLM)

DOROSHENKO, I. T. [Tuberculosis of the larynx] Tuberkulez gortani. [Kalinin] Kalininskoe knizhnoe izd-vo, 1957. 13 p. (Sovety vracha)
(DNLM)

GASANOV, A. S. [Vitamins and health] Vitaminy i zdorov'e. Moskva, Znanie, 1959. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 5)
(DNLM)

GEKHTMAN, M. IA. [21st Congress of the Communist Party of the Soviet Union and prospects for the development of the public health system in the Moldavian S. S. R.] XXI s"ezd KPSS i perspektivy razvitiia zdravookhraneniia v Moldavskoi SSR. Kishinev, Gos. izd-vo "Karta Moldoveniaske," 1959. 37 p.

GELINA, L. I [Clinical aspects of the sensory from of virus encephalitis in children] Klinika sensornoi formy virusnogo entsefalita u detei. Moskva, Gos. izd-vo med. lit-ry, 1959. 145 p. (Biblioteka prakticheskogo vracha)
(DNLM)

GORKI. GOR'KOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Chen-chiu therapy; materials of a conference on the problems of the physiological basis and practical use of needle puncture and cauterization (chen-chiu)] Chzhen'-tsziu terapiia; materialy konferentsii po voprosam fiziologicheskogo obosnovaniia i prakticheskogo primeneniia metoda igloukalyvaniia i prizhiganiia (chzhen'-tsziu). Pod red. V. G. Vogralika. Gor'kii, 1959. 134 p.
(DNLM)

[GREAT MEDICAL ENCYCLOPEDIA] Bol'shaia Meditsinskaia Entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchno-izd-vo "Sovetskaia entsiklopediia,"
Vol. 13. Kletka - kosolapost'. Izd. 2. 1959. 1215 columns.
______ [List of articles and terms under the letter "K"] Perechen' statei i terminov na bukvu "K." 8 p.
______ [Phonograph record accompanying the article "Stammering"] Grammofonnaia plastinka k stat'e Zaikanie.
Vol 14. Kosorukost' - kurorty. Izd. 2. 1960. 1184 columns
______ [List of articles and terms under the letter "K" (fourteenth volume)] Perechen' statei i terminov na bukvu "K" (chetyrnadtsatyi tom). 6 p.
______ [Phonograph record for the article "Kaverna"] Grammofonnaia plastinka k stat'e "Kaverna."

HLUKHEN'KYI, T. T., ed. [Health resorts in the western provinces of the Ukraine] Kurorty zakhidnykh oblastei Ukrainy. Kyiv, Derzh. med. vyd-vo URSR, 1959. 230 p.

IENA, M. H. [Manual for managers of drugstores] Posibnyk dlia zaviduiuchykh aptechnymy punktamy. Kyiv, Derzh. med. vyd-vo URSR, 1960. 307 p.

IOFFE, B. G. [Care of the sick child] Ukhod za bol'nym rebenkom. Izd. 2. Moskva, Medgiz, 1958. 21 p. (Sovety roditeliam)
(DNLM)

KARTAMYSHEV, A. I. [Textbook on skin and venereal diseases] Uchebnik po kozhnym i venericheskim bolezniam. Izd. 2., ispr. i dop. Kiev, Gos. med. izd-vo USSR, 1959. 415 p.
(DNLM)

KATSNEL'SON, A. B. [Vitamins in the physiology and vitamin deficiency in the pathology of the eye] Vitaminy v fiziologii i vitaminnaia nedostatochnost' v patologii organa zreniia. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 149 p.

KAVETSKII, R. E. [Nature of malignant tumors] O prirode zlokachestvennykh opukholei. Moskva, Znanie, 1959. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 4)
(DNLM)

KHIBAROV, M. I. [Kislovodsk, an all-Union health resort] Kislovodsk - vsesoiuznaia zdravnitsa. Izd. 2. Moskva, Gos. izd-vo med. lit-ry, 1960. 42 p. (Nauchno-populiarnaia meditsinskaia literatura)

KIEV. KIEVSKII INSTITUT EPIDEMIOLOGII I MIKROBIOLOGII. [Children's infections] Detskie infektsii. Kiev, 1958. 509 p.
(DNLM)

KNORRE, A. G. [Short study on human embryology including elements of general, comparative, and experimental embryology] Kratkii ocherk embriologii cheloveka; s elementami obshchei, sravnitel'noi i eksperimental'noi embriologii. [Leningrad] Medgiz, 1959. 221 p.
(DNLM)

KOSTRIKOV, V. S., and A. P. SKOBLIN. Mikhail Ivanovich Sitenko. Pod red. N. P. Novachenko. [Khar'kov] Khar'kovskoe obl. izd-vo, 1958. 102 p.
(DNLM)

KOZLOV, V. A. [Some problems in improvement and development of devices in orthopedic stomatology] Nekotorye voprosy ratsionalizatsii i izobretatel'stva v ortopedicheskoi stomatologii. Moskva, Gos. izd-vo med. lit-ry, 1960. 20 p.
(DNLM)

[A MAN UNDER HIGH-ALTITUDE AND SPACE FLYING CONDITIONS; collected translations from foreign periodicals] Chelovek v usloviiakh vysotnogo i kosmicheskogo poleta; sbornik perevodov iz inostrannoi periodicheskoi literatury. Pod red. V. I. Ivanova. Moskva, Izd-vo inostr. lit-ry, 1960. 402 p.

METAL'NIKOV, M. D. [War with invisible foes] Voina s nevidimymi vragami. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 79 p.

MOISEEV, V. D. [Cybernetic problems in biology and medicine] Voprosy kibernetiki v biologii i meditsine. Pod obshchei red. i s predisl. N. A. Bernshteina. Moskva, Gos. izd-vo med. lit-ry, 1960. 301 p. (Nauchno-populiarnaia meditsinskaia literatura)

[MULTIVOLUME MANUAL ON TUBERCULOSIS] Mnogotomnoe rukovodstvo po tuberkulezu. Moskva, Gos. izd-vo med. lit-ry.
Vol. 2. [Tuberculosis of the respiratory organs] Tuberkulez organov dykhaniia. Red. toma A. E. Rabukhin i F. V. Shebanov.
Book 2. 1959. 408 p.
(DNLM)

PIROGOV, N. I. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo med. lit-ry.
Vol. 2. [Works on clinical surgery, 1837-1839] Trudy po klinicheskoi khirurgii, 1837-1839. 1959. 621 p.

POKHISOV, N. IA. [Diseases of the lacrimal ducts and their treatment] Zabolevaniia slezootvodiashchikh putei i ikh lechenie. Moskva, Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PORTNOV, A. A., and D. D. FEDOTOV. [Textbook on psychiatry] Uchebnik psikhiatrii. Moskva, Gos. izd-vo med. lit-ry, 1960. 355 p.

PROKOF'EV, N. N. [Summary principles of emergenc surgical diagnosis] Kratkie osnovy neotlozhnoi khiru gicheskoi diagnostiki. Izd. 3., ispr. i dop. [Petroza vodsk] Gos. izd-vo med. lit-ry, 1959. 240 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ROZHNOV, V. E. [Drunkenness is an enemy of health and long life] P'ianstvo - vrag zdorov'ia i dolgoletiia Moskva, Gos. izd-vo med. lit-ry, 1960. 43 p. (Nauch no-populiarnaia meditsinskaia litratura)

SAVOSHCHENKO, L S. [Yessentuki health resort] Kuro Essentuki. Izd. 5. [Stavropol'] Stravopol'skoe knizh noe izd-vo, 1959. 167 p.

SAVEL'EV, A. A. [Types of electrocardiograms and their evaluation, methodological instructions for physicians] Tipy elektrokardiogramm i ikh otsenka, metodicheskie ukazaniia dlia vrachei. Stalinsk, Kemerovskoi oblasti, 1957. 18 p.
(DNLM)

SHAMOV, V. N., ed. [Surgery for injuries of the nervous system, a practical manual] Khirurgiia povrezhdenii nervnoi sistemy; prakticheskoe rukovod stvo. [Leningrad] Gos. izd-vo med. lit-ry, Leningr otd-nie, 1959. 479 p.
(DNLM)

SHIMES, M. P., and A. P NESTEROVA [Gastric and duodenal ulcer] IAzvennaia bolezn' zheludka i dvenadtsatiperstnoi kishki Moskva, Gos. izd-vo med. lit-ry, 1959. 69 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SHMELEV, N. A. [Cytological analysis of blood and its significance in tuberculosis] TSitologicheskii analiz krovi i ego znachenie pri tuberkuleze. Moskva, Gos. izd-vo med. lit-ry, 1959. 149 p.
(DNLM)

SMIRNOV, L. I. [Histogenesis, histology, and topograph of brain tumors] Gistogenez, gistologiia i topografiia opukholei mozga. Moskva, Gos. izd-vo med. lit-ry.
Pt. 2. 1960. 617 p.
(DNLM)

SMIRNOV-KAMENSKII, E. A. [Two years in China; a Soviet physician's notes] Dva goda v Kitae; zapiski sovetskogo vracha. Stavropol', Knizhnoe izd-vo, 19 196 p.
[MICROFILM]

SMOLIANINOV, V. M., K. I. TATIEV, and V. F. CHERVA KOV. [Forensic medicine] Sudebnaia meditsina. Mosk Gos. izd-vo med. lit-ry, 1959. 367 p

TSOPPI, E. E., and T. S. SOKOLOVA. [Work of the visit nurse] Rabota patronazhnoi sestry. Moskva, Gos. izd-vo med. lit-ry, 1959. 91 p. (Biblioteka sredne go medrabotnika)
(DNLM)

VSESOIUZNYI S"EZD DETSKIKH VRACHEI. 7th, Leningrad, 1957. [Proceedings of the Seventh All-Union Congress of Pediatricians in Leningrad, 1957, abridged stenographic report] Trudy s"ezda; sokrashchennaia stenogramma. Otv. red. A. F. Tur. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie 1959. 654 p.
(DNLM)

VSESOIUZNYI S"EZD TERAPEVTOV. 14th, Moscow, 1956. [Proceedings of the 14th All-Union Congress of Therapeutists in Moscow, 1956] Trudy. Pod obsh red. E. M. Tareeva. Moskva, Gos. izd-vo med. lit-ry, 1958. 735 p.
(DNLM)

15. AGRICULTURE

[AMATEUR FISHERMAN; almanac] Rybolov-sportsmen, al'manakh Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 13 1959 354 p.

ANDREEV, V. V. [Agriculture of the German Democrat ic Republic] Sel'skoe khoziaistvo GDR. Moskva, Go izd-vo sel'khoz. lit-ry, 1959. 155 p.
(CU)

AREF'EV, T. I., and M. N. ELAGIN. [Economy of collective beet farms] Ekonomika sveklosetiushchikh kolkhozov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 19 172 p.

BASHIROV, F. B. [Accelerated fruiting of young vineyards] Uskorennoe plodonoshenie molodykh vinogradnikov. Moskva, Gos. izd-vo sel'-khoz. lit-ry, 1959. 207 p.
(CU)

BERNSHTEIN, B. M. [Fishing with a disk] Lovlia ryby na kruzhki. Izd.3., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 61 p.

BOLGAREV, P. T. [Viticulture] Vinogradarstvo. [Simferopol'] Krymizdat, 1960. 573 p.
(AD)

BORODANOV, N. M., and I. S. CHERNIAK. [Answers to questions of collective farm members, workers, and employees concerning land use of private garden plots] Otvety na voprosy kolkhoznikov, rabochikh i sluzhashchikh po priusadebnomu zemlepol'zovaniiu. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1960. 54 p.

CHERNAVIN, A. S. [Phosphate fertilizer in a soluble fertilizer] [illegible] Gos. izd-vo sel'khoz. lit-ry, 1960. 60 p.
(DA)

[CORN; a collection of articles on plant breeding, cultivation practices, and mechanization] Kukuruza; sbornik statei po selektsii, agrotekhnike, mekhanizatsii. [Sost. M. V. Fikhova.] Moskva, Gos. izd-vo s-kh. lit-ry, 1960. 390 p.
(DA)

DERIABIN, D. I. [Methods of reconstructing newly afforested areas] [illegible] Moskva, Goslesbumizdat, 1960. 64 p.
(DA)

EFREMOVA, A. L., and A. D. IVANOVA. [In the struggle for the seven year plan, from the work practice of Kirov Collective Farm, Shilovo District, Ryazan Province] V bor'be za semiletku; iz opyta raboty kolkhoza imeni Kirova Shilovskogo raiona Riazanskoi oblasti. Moskva, Izd-vo "Znanie," 1960. 30 p.

ENGEL'GARDT, A. N. [Selected works] Izbrannye sochineniia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 765 p.
(CU)

ENKEN, V. B. [Soybeans] Soia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 623 p.
(DA)

GURGULI, I. I. [illegible] 1957. 105 p.

GLAZUN, A. R. [Specialization and the combination of units on collective farms in [illegible] areas, based on the example of collective farms in the [illegible] Voronezh] [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 254 p.
(CU)

GRIGOROVSKII, V. I., and V. I. [illegible] [Reduction of production costs on collective farms] [illegible] 1959. 83 p.

[illegible] [Come to us at the "Pagaeva" Collective Farm] [illegible] 1959. [illegible] p.

IVANCHENKO, A. A., and P. S. MIKHAILOV. [Methods of planning labor productivity in agriculture] Voprosy metodiki planirovaniia proizvoditel'nosti truda v sel'skom khoziaistve. Moskva, Gosplanizdat, 1960. 142 p.

KOLOBOLOTSKII, G. V. [illegible] veterinary [illegible] farm markets] [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. [illegible] p.

KOLOMIETS, A. A. [illegible] mechanization [illegible] [Moskva, Moskovskii rabochii] 1959. [illegible] p.

KOVALIN, D. T. [Forestry in the U.S.S.R. from 1959 to 1965] Lesnoe khoziaistvo SSSR v 1959-1965 gg. Moskva, Goslesbumizdat, 1959. 61 p.
(DS)

KUZ'MOV, N. T. [Efficient use of machinery in harvesting by separate stages] Ratsional'noe ispol'zovanie mashin na razdel'noi uborke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 101 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)
(DA)

LARKINA, I. I. [Training of collective-farm personnel during the period of mass collectivization] Podgotovka kolkhoznykh kadrov v period massovoi kollektivizatsii. Moskva, Izd-vo sots.-ekon. lit-ry, 1960. 165 p.

LENINGRAD. VSESOIUZNYI INSTITUT RASTENIEVODSTVA. [Materials of a conference of postgraduate students and young researchers dedicated to the 21st Congress of the Communist Party of the Soviet Union] Materialy nauchnoi konferentsii aspirantov i molodykh nauchnykh sotrudnikov, posviashchennoi XXI s"ezdu Kommunisticheskoi partii Sovetskogo Soiuza. Pod red. I. N. [illegible] Leningrad, 1959. 140 p.

NAUMOVA, N. A. [Seed analysis for fungal and bacterial infection] Analiz semian na gribnuiu i bakterial'nuiu infektsiiu. Izd.2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 188 p.
(DA)

NIKOL'SKAIA, A. G. [How I became a swineherd caring for a thousand head] Kak ia stala svinarkoi tysiachnitsei. Minsk, 1960. 21 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 4)

NIKOVSKII, I. [For 200 poods] Za 200 pudov! Kiev, Gos. izd-vo polit. lit-ry USSR, 1960. 57 p.

OZHIN, P. V., and others. [Artificial insemination of farm animals, a manual for collective farm and veterinary workers] Iskusstvennoe osemenenie sel'skokhoziaistvennykh zhivotnykh; rukovodstvo dlia zootekhnikov i veterinarnykh rabotnikov. Izd. 5., perer. i dop. Pod red. N. V. Parshutina. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 470 p.
(DA)

POPOV, V. V. [Scientific principles underlying the rating of the [illegible] of forests in the southern forest steppe] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. 310 p.

ROMANOVA, V., and KH. NIGMATULLIN. [For an abundance of farm products, from the work experience of the primary party organization committee of [illegible]] [illegible] 1959. 12 p. (Biblioteka agitatora)

SABUROV, V. B. [Angling] Lovlia ryby udochkoi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 114 p.

SEL'KIN, D. N. [Production of meat and wool on our state farm] Proizvodstvo miasa i shersti v nashem sovkhoze. Alma-Ata, M-vo sel'khoz. Kazakhskoi SSR, 1959. 17 p.
(DA)

[illegible] [Liming of acid soils] Izvestkovanie kislykh pochv. Izd.2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 79 p.
(DA)

SHUKLIAKOV, V. T. [Organizational and economic consolidation of collective farms, and the [illegible] of the collective farm economy from 1951 to 1954 [illegible] Province] [illegible] Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. [illegible] p.

SPIVAK, S. S. Kirov Collective Farm is a leader in cotton growing; Kolkhoz im. Kirova - peredovoe khoziaistvo [illegible] Ashkhabad, M-vo sel'khoz. Turkmenskoi SSR, 1959. 15 p.

TAROV, B. A. [Infectious diseases of swine] Infektsionnye bolezni svinei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 112 p.
(DA)

TYKHONOV, M. I. [Organic and mineral fertilizers are the foundation of good crops] Orhanichni i mineral'ni dobryva - osnova vysokykh vrozhaiiv. Kyiv, 1959. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 20)

VANIN, D. V. [Economics of forest industry] Ekonomika lesnogo khoziaistva SSSR. Moskva, Goslesbumizdat, 1959. 378 p.
(DS)

VOL'IOVS'KYI, F. [illegible] [Fulfill in good time the seven year plan for animal husbandry, based on the practices of the party organization in Cherkassy Province] *Semyrichku z tvarynnytstva - dostrokovo, z dosvidu roboty Cherkas'koi oblasnoi partiinoi orhanizatsii.* Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 78 p.

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. [Remote hybridization of plants and animals; problems in fruit culture, forestry, and animal breeding] Otdalennaia gibridizatsiia rastenii i zhivotnykh; voprosy plodovodstva, lesovodstva i zhivotnovodstva. Moskva, Izd-vo Akad. nauk SSSR, 1960. 597 p.

ZAITSEV, A. G. [Economics of labor on collective farms] Ekonomika truda v kolkhozakh. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 335 p.

ZAITSEV, V. V., and V. A. BORISOV. [Long range plans for collective farms] Perspektivnyi plan kolkhoza. Moskva, Gos. planizdat, 1959. 222 p.
(NNC)

18. TECHNOLOGY

ACHERKAN, N. S., ed. [Metalworking handbook; in five volumes] Spravochnik metallista v piati tomakh. Chleny red. soveta: V. S. Vladislavlev i dr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 5. (Pod red. A. N. Malova). 1960. 1184 p.

ADAMENKO, A. I. [Single phase capacitor motors] Odnofaznye kondensatornye dvigateli. Kiev, Izd-vo Akad. nauk USSR, 1960. 247 p.

ADZHINDZHAL, I. [Abkhazian dwellings] Zhilishcha abkhazov. Sukhumi, Abkhazskoe gos. izd-vo, 1957. 125 p.

AFANAS'EV, P. S. [Design of woodworking machinery] Konstruktsii derevoobrabatyvaiushchikh stankov. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 1. [General machinery] Stanki obshchego naznacheniia. 1960. 480 p.

AGRANAT, P. A., and G. D. LEIBKER. [Experience in the combined operations of railroad and automobile transportation] Opyt sovmestnoi raboty zheleznodorozhnogo i avtomobil'nogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 31 p.

AKADEMIIA ARKHITEKTURY USSR, Kiev. Institut stroitel'nykh materialov. [Building materials, concrete and ceramics] Stroitel'nye materialy, beton i keramika. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR (Novoe v stroitel'noi tekhnike)
No. 6. 1960. 124 p.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. [Problems of [illegible] on the 60th birthday of Academician A. A. Blagonravov] Problemy [illegible] A. A. Blagonravova. Moskva, Gos. nauchno-tekhn. izd-vo [illegible] 1960. [illegible] p.

AKADEMIIA NAUK SSSR. Institut metallurgii. [Fatigue of metals; materials of the conference on the fatigue of metals] Ustalost' metallov; materialy soveshchaniia po ustalosti metallov 22-24 noiabria 1956 g. Moskva, 1960. 157 p.

AKADEMIIA NAUK USSR, Kiev. Biblioteka. [What to read on the uses of natural gas in industry, automobile transportation, municipal economy, home appliances, and on pipe line operations] Chto chitat' ob ispol'zovanii prirodnogo gaza v promyshlennosti, avtotransporte, kommunal'nom khoziaistve, v bytu i ob ekspluatatsii gazoprovodov. Kiev, 1958. 20 p.

ALEKSANDROV, P. K. [Aid for a young electric welder] V pomoshch' molodomu elektrosvarshchiku. [Rostov na Donu] Rostovskoe knizhnoe izd-vo, 1959. 59 p.

ALEKSEEV, N. P. [Handbook on cargo handling, inland water transportation in containers and forwarding operations] Spravochnik po transportno-ekspeditsionnoi rabote i konteinernym perevozkam na rechnom transporte. Izd. 2., perer. i dop. Moskva, Izd-vo "Rechnoi transport," 1960. 225 p.

ALEKSEEV, V. P., and others. [Internal combustion engines, design and construction] Dvigateli vnutrennego sgoraniia, opisatel'nyi kurs. Pod red. A. S. Orlina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 454 p.

ARISTOV, G. G. [Molder and press operator in the manufacture of refractory materials] Formovshchik pressovshchik ogneupornykh izdelii. Izd. 2., perer. i dop. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 208 p.

ARNOL'D, I. V., and others. [Collection of problems on technical thermodynamics and heat transfer] Sbornik zadach po tekhnicheskoi termodinamike i teploperedache. Pod obshchei red. I. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 292 p.

ARTAMONOV, M. D., and Iu. V. MIKHAILOVSKII. [Traction machinery in the logging industry] Tiagovye mashiny na lesozagotovkakh. Moskva, Goslesbumizdat, 1959. 326 p.

ASHRATOVA, S. I. [Finishing the edges of shoe uppers] Otdelka kraev detalei verkha obuvi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 104 p.

ASNIS, A. E., and Iu. V. LATASH. [Cast iron welding] Svarka chuguna. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 63 p.

ASONOV, V. A., M. M. DOKUCHAEV, and I. M. KOKHNOV. [Boring and blasting operations] Burovzryvnye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 400 p.

ATLAS, L. E., and A. S. ALTAKHOV. [Work organization in mining flat seams] Organizatsiia rabot v lavakh pologopadaiushchikh plastov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 244 p.

AVERBUKH, S. M., [illegible], and I. I. [illegible]. [Industrial interference to television and methods for their suppression] Industrial'nye pomekhi televideniiu i metody ikh podavleniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 86 p.

BALASTIK, JAROSLAV. [Preservation of fruits, vegetables, and meat at home] Konservirovanie plodov, ovoshchei i miasa v domashnikh usloviiakh. Moskva, Gos. izd-vo [illegible] lit-ry, 1959. 294 p.

BARON, L. I. [illegible] Moskva, Izd-vo [illegible], 1960. 123 p.

BAUMAN, V. I., V. I. [illegible], and P. M. [illegible]. [Operating characteristics in the design of automatic control and telemechanics systems for railroads] Ekspluatatsionnye osnovy proektirovaniia sistem zheleznodorozhnoi avtomatiki i telemekhaniki. Pod obshchei red. V. I. [illegible]. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 104 p.

BAZ', G. A., and others. [Calculation of pulse systems] Raschet impul'snykh sistem. Pod red. V. G. Mironova. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 214 p.

BAZHENOV, I. A., and V. P. KORYSHEV. [Kerosene cutter] Kerosinorezchik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

BELANOVSKII, N. G., I. I. IAKUBCHIK, and M. SH. KHAIMOVICH. [Handbook for the shoe machinery operator] Spravochnik mekhanika obuvshchika. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1960. 136 p.

BELIAEV, A. V., and M. G. TOLSTOI. [Assembling precast reinforced concrete elements] Montazh sbornykh zhelezobetonnykh konstruktsii. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 298 p.

BELIAEV, D. V. [Metallurgy of tin, manual for the training of qualified workers in industry] Metallurgiia olova; uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 94 p.

BELODVORSKII, Iu. M. [Operation of urban gas distribution systems] Ekspluatatsiia gorodskogo gazovogo khoziaistva. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 493 p.

BEL'SKII, I. B. [Electrical equipment for lumbering enterprises] Elektrooborudovanie lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1960. 408 p.

BEL'SKII, V. I., and others. [Construction and repair of metallurgical furnaces] Stroitel'stvo i remont metallurgicheskikh pechei. Pod obshchei red. A. V. Chernova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 418 p.

BEREZOVSKII, M. V. [Track junction in enterprises of ferrous metallurgy] Soedineniia putei na predpriiatiiakh chernoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 156 p.

BERNSHTEIN, S. A., and [illegible]. [Determination of the frequency of vibrations of rod systems by the method of spectral functions] Opredelenie chastot kolebanii sterzhnevykh sistem metodom spektral'nykh funktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 281 p.

BESSONOV, L. A. [Theoretical principles of electrical engineering; lectures and exercises] [illegible] (MIRA [illegible])

[illegible] [illegible] 1960. 39 p.

BIALIK, G. I. [illegible] Moskva, [illegible], 1960. 154 p. [illegible]

BIALIK, G. I. [illegible] [illegible], 1960. 471 p.

BIR, [illegible] [illegible] Moskva, Gos. [illegible] lit-ry, 1960. 164 p.

[illegible] [illegible] 1960. 114 p. [illegible]

BODIAGIN, M. N. [illegible] Moskva, [illegible] po gornomu delu. [illegible]

[illegible], V. V., [illegible] red. V. V. [illegible]. Moskva, [illegible], 1959. 410 p. [illegible]

[illegible] [illegible] 1960. 144 p.

[illegible] [illegible]

[illegible], V. I. [illegible]

[illegible] [illegible] 1959. 162 p.

BRAGIN, S. M. [Electric and thermal calculations of cables] Elektricheskii i teplovoi raschet kabelia. Moskva, Gos. energ. izd-vo, 1960. 328 p.

BRANDT, A. A. [illegible] Izd. 2., [illegible] 1960. 151 p.

BRANTLY, JOHN EDWARD. [Rotary drilling handbook. Translated from the English] Spravochnik po rotornomu bureniiu. Izd. 5. Pod red. [illegible] Filatova. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1959. 465 p. ([illegible])

BRAUN, M. P. [Fracture and brittleness of alloyed structural steel] Izlom i khrupkost' legirovannoi konstruktsionnoi stali. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 230 p.

BREZHNEV, V. I. [Disinfection of drinking water in city water supply systems] Obezzarazhivanie pit'evoi vody na gorodskikh vodoprovodakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 89 p.

[BRIEF MANUAL ON ELECTRICITY IN AGRICULTURE] Kratkii spravochnik po elektrifikatsii sel'skogo khoziaistva. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1952. 330 p.

[illegible]

[illegible]

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[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

DAVYDOV, V. V. [Blasting operations in open pit mines under winter conditions] Vzryvnye raboty na ugol'nykh kar'erakh v zimnee vremia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 40 p.

DOBKIN, V. M., E. M. DULEEV, and I. P. FEL'DMAN. [Automatic regulation of heat processes at electric power stations] Avtomaticheskoe regulirovanie teplovykh protsessov na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1960. 300 p.

DOTSENKO, N. I. [Electric pulsation welding for building up metal in the repair of automobile parts] Elektroimpul'snaia naplavka metalla pri remonte avtomobil'nykh detalei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1959. 57 p.

DRUZHININ, P. A. [Universal indexing device] Universal'noe delitel'noe prisposoblenie. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 10 p.

DUBININ, A. D. [Bench work for beginners] Priemy slesarnykh rabot. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 310 p.

[ELECTRONICS IN JAPAN. Translated from the Japanese] Elektronika v IAponii. Pod red. V. M. [illegible] Moskva, Izd-vo inostr. lit-ry, [illegible] 111 p.

EREMENKO, V. N. [Titanium and its alloys] Titan i ego splavy. Izd. 2., ispr. i dop. Kiev, Izd-vo Akad. nauk USSR, 1960. 400 p.

ERGALIEV, A. I. [Development of stone type deposits] Razrabotka [illegible] Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 80 p.

EVSEEV, N. F. [What's new in the technology of electric wiring operations] Novoe v tekhnologii elektromontazhnykh rabot. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 99 p.

FAKTOROVICH, L. M. [Design and calculation of heat insulation] Proektirovanie i raschet teplovoi izoliatsii. Leningrad, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1960. 413 p.

FARFOROVSKII, B. S., and IA. N. [illegible] [Design and planning of [illegible]] Proektirovanie [illegible] Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

FEDENIUK, V. G. [Methods for making [illegible] in assembling clothing sections] Metody [illegible] dlia detalei shveinykh izdelii. Izd. 2., pererab. Moskva, Gos. nauchno-tekhn. izd-vo legkoi promyshl., 1959. 146 p.

FEDOROVA, N. E. [Chemical substitutes for [illegible] products used in the textile industry] [illegible] [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 35 p.

FEDORTSOV, B. F. [Phototelegraphy] Fototelegrafiia. Moskva, Gos. energ. izd-vo, 1960. 154 p.

FEDOTENOK, A. A. [Kinematic [illegible] tools] Kinematicheskaia [illegible] stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 298 p.

FEDOT'EV, P. V. [Electromechanical systems of automatic control and telemechanics [illegible]] [illegible] ustroistva avtomatiki i telemekhaniki. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 371 p.

FEDOTOV, IA. A., ed. [Transistor devices and their applications; collection of articles] Poluprovodnikovye pribory i ikh primenenie; sbornik statei. Moskva, Izd-vo "Sovetskoe radio."
No. 4. 1960. 421 p.

[FOR THE YOUNG HOUSEWIFE] M[illegible] [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 455 p.

FRIDLENDER, I. G. [Precision in the manufacture of machines] Voprosy tochnosti proizvodstva mashin. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 231 p.

FRIDLIANDER, I. N. [High strength deformable aluminum alloys] Vysokoprochnye deformiruemye aliuminievye splavy. Moskva, Gos. [illegible] izd-vo, 1960. 290 p.

FROLKIN, V. T. [Pulse techniques] Impul'snaia tekhnika. Pod red. V. N. Dulina. Moskva, Izd-vo "Sovetskoe radio," 1960. 359 p.

GAKLE, R. A., and R. M. VAGIAEV. [P-132-Sh splitting machine] [illegible] mashina P 132 Sh. Pod red. G. V. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 102 p. (Novoe [illegible])

GALAKTIONOV, A. I. [Equipment for gas welding and cutting] Oborudovanie dlia gazovoi svarki i rezki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 36 p. (Nauchno-populiarnaia biblioteka rabochego svarshchika, no. 7)

GALUSHKINA, N. A., and I. D. SAZONOVA. [Specifications for work standards in the oils and fats industry] Tekhnicheskoe normirovanie truda v maslozhirovoi promyshlennosti. Moskva, Pishchepromizdat, 1960. 130 p. (Ekonomika i organizatsiia pishchevoi promyshlennosti)

GARASHCHENKO, A. P. [Materials for metal cutting tools] Instrumental'nye materialy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 124 p.

GARKUNOV, D. N. [Increasing the wear resistance of airplane parts] Povyshenie iznosostoikosti detalei samoletov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 138 p.

GAVRILOV, IA. T. [Repair of the U-5m and SM-1 engines] Remont dvigatelei U-5m i SM-1. Izd. 2., pererab. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 200 p.

GAZALEV, M. V., and A. I. ZAGORIN. [Efficiency of the specialization and cooperation in the machinery industry] Effektivnost' spetsializatsii i kooperirovaniia v mashinostroenii. Moskva, Gosplanizdat, 1960. 204 p.

GAZARIAN, L. M. [Pyrometallurgy of copper] Pirometallurgiia medi. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 264 p.

GEL'BERG, B. T., and G. D. PEKELIS. [Technology and organization of the repair of equipment] Voprosy tekhnologii i organizatsii remonta oborudovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 287 p.

GERSHMAN, M. I., and G. V. KIZIRIIA. [Creep, settling [illegible] in prestressed reinforced concrete bridges] [illegible] Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959. 177 p.

GINZBURG, A. G. [Controlling alcohol fermentation in the [illegible] by means of the AG-1 apparatus] Kontrol' spirtovogo brozheniia priborom AG-1 v [illegible] Moskva, Gos. nauchno-tekhn. [illegible] 1959. 56 p. [illegible]

GLADKOV, K. A. [What is electronics?] Chto takoe elektronika. [Moskva] Mosk. rabochii, 1960. 155 p.

GOL'DENBLAT, I. I., and N. A. NIKOLAENKO. [The theory of creep of building materials and its uses] Teoriia polzuchesti stroitel'nykh materialov i ee prilozheniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 254 p.

GOLIATO, I. P., and others. [Clothing for boys of preschool age] Kostiumy dlia mal'chikov doshkol'nogo vozrasta. Pod obshchei red. I. A. Ter-Ovakimian. Moskva, Vses. koop. izd-vo, 1959. 115 p. (Biblioteka portnikhi)

GOLIATO, I. P., and others. [Women's beach wear, beach dresses and swimming suits, slacks, shorts, slips, and halters] Zhenskie pliazhnye kostiumy, pliazhnye i kupal'nye kostiumy, briuki, trusy, plavki i biustgal'tery. Pod obshchei red. I. A. Ter-Ovakimian. Moskva, Vses. koop. izd-vo, 1959. 157 p. (Biblioteka portnikhi)

GOL'TSMAN, I. I., V. A. NARIZHNYI, and N. I. SHIL'MAN. [Windows and doors of a new type] Okna i dveri novykh konstruktsii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 78 p.

GONCHAROV, I. G. [Strength of masonry materials under various stresses] Prochnost' kamennykh materialov v usloviiakh razlichnykh napriazhennykh sostoianii. Pod red. P. D. [illegible] Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 123 p.

GORDIN, V. B. [Theoretical principles of designing hydraulic forging presses] Teoreticheskie osnovy gidravlicheskogo rascheta kovochnykh pressov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 113 p.

GORN, A. G., and others. [Experience in the demonstrative building of railroads] Opyt pokazatel'nogo stroitel'stva zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 143 p.

GORSKOV, V. A. [Setting up production standards and organizing work in the glass industry] Tekhnicheskoe normirovanie i organizatsiia truda v proizvodstve stekla. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 297 p.

GOVALLO, I. I. [Standard television centers and television relay stations] Tipovye televizionnye tsentry i retransliatsionnye televizionnye stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 61 p. (Lektsii po tekhnike sviazi)

GRAI, L. F. [New equipment for test drilling used in foreign countries] Novaia tekhnika geologorazvedochnogo bureniia za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 21 p.

GRIBOV, M. I., and A. N. SOKOLOV. [Mechanization and automatization of steel smelting] Mekhanizatsiia i avtomatizatsiia v staleplavil'nom proizvodstve. [Leningrad] Lenizdat, 1959. 126 p.

GRIGOR'EV, V. N. [Mechanized and automatized ring and compartment furnaces for rapid heating] Mekhanizirovannye i avtomatizirovannye kol'tsevye i sektsionnye pechi skorostnogo nagreva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 100 p.

GROZDOVSKII, V. I. [Centrifugal oil purification in tractor engines] Tsentrobezhnaia ochistka masla v traktornykh dvigateliakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 71 p.

GUBKIN, S. I. [Plastic deformation of metals] Plasticheskaia deformatsiia metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry.
Vol. 2. [Physicochemical theory of plasticity] Fiziko-khimicheskaia teoriia plastichnosti. 1960. 416 p.
Vol. 3. [Theory of plastic metalwork] Teoriia plasticheskoi obrabotki metallov. 1960. 306 p.

GUDKOV, S. F. [Processing of hydrocarbons obtained from natural and casinghead gases] Pererabotka uglevodorodov prirodnykh i poputnykh gazov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 173 p.

[GUIDE FOR AN INSPECTOR OF AUTOMATIC EQUIPMENT] Rukovodstvo remontnika avtomatchika. Izd. 3., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 171 p.

GULEV, IA. F. [Handbook for the baggage handler] Spravochnik bagazhnogo rabotnika. Izd. 2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 303 p.

[HOUSEKEEPING] Domovodstvo. Izd. 3., dop. i perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 701 p.

IAKOBSON, M. O. [Technology of machine tool manufacture] Tekhnologiia stankostro
nauchno-tekhn. izd-vo mashino
517 p.

IAKOVLEV, G. M. [Some
and turning] Nekotory
nita. Minsk, Go
lit-ry, 1960. 29

IANKOVSKII, K. A. [Teaching mechanical drawing in technical schools] Prepodavanie chercheniia v tekhnikumakh. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 102 p.

IATSENKO, V. A. [Safety engineering in the operation of agricultural machinery] Tekhnika bezopasnosti pri ekspluatatsii sel'skokhoziaistvennykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 359 p.

IKONNIKOV, I. S. [Automobiles, manufacture and export by the European people's democracies] Avtomobili; proizvodstvo i eksport evropeiskikh stran narodnoi demokratii. Moskva, Vneshtorgizdat, 1959. 57 p.
(MH)

A 18

IL'IN, I.V., and E.V. MAL'GINA. [Refrigerating machines and cold storage] Kholodil'nye mashiny i ustanovki. Moskva, Gos. izd-vo torg. lit-ry, 1960. 400 p.

IL'INSKII, N.F. [Calculation and choice of resistances for electric motors] Raschet i vybor soprotivlenii dlia elektrodvigatelei. Moskva, Gos. energ. izd-vo, 1959. 47 p. (Biblioteka elektromontera, no. 11)

IL'INSKII, V.S. [Vibration and shock isolation] Voprosy izoliatsii vibratsii i udarov. Moskva, Izd-vo "Sovetskoe radio," 1960. 160 p.

INDENBAUM, V.S., M.S. LEBEDEV, and G.R. LIBERMAN. [Operation of small steam turbine electric power plants] Ekspluatatsiia paroturbinnykh elektrostantsii maloi moshchnosti. Pod obshchei red. G.R. Libermana. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 103 p.

INTERNATIONAL ELECTROTECHNICAL COMMISSION. [International electrical engineering dictionary] Mezhdunarodnyi elektrotekhnicheskii slovar'. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Group 16. [Relay protection] Releinaia zashchita. 1960. 114 p.

IOFINOV, S.A., and A.A. [illegible]. [Using trucks in agriculture] Ekspluatatsiia avtomobilei v sel'skom khoziaistve. Izd. 3, dop. i perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 400 p.

IPALOVA, K.V. [Bobbin lace making] Pletenie kruzhev. Pod red. I.P. Rabinovich. Izd. 2. Moskva, Vses. koop. izd-vo, 1960. 80 p.

IUDIN, IA.M. [Establishing standards for material consumption and methods for saving materials in the construction industry] Normirovanie raskhoda i poisk ekonomii materialov v stroitel'stve. [Moskva], Tsentr. biuro tekhn. informatsii, 1959. 41 p.

IUDIN, E.G., and V.I. PIKUS. [Plastics and their use in the machinery industry] Plastmassy i ikh ispol'zovanie v mashinostroenii. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 100 p.

IUROVSKII, A.Z. [Sulfur in coal] Sera v kamennykh ugliakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 294 p.

IVANOV, I.I. [Operation of electric railroad stations] Ekspluatatsiia zheleznodorozhnykh elektrostantsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 190 p.

IVANOV, S.N. [Technology of paper manufacture] Tekhnologiia bumagi. Moskva, Goslesbumizdat, 1960. 719 p.

IVANOV, V.V. [Diesel locomotive wheel pairs, lectures on the "Construction and dynamics of locomotives (diesel)" for students of the fifth course specializing in "Diesel locomotives, their operation, equipment and maintenance"] Teplovoznye kolesnye pary, lektsii po distsipline "Konstruktsiia i dinamika lokomotivov (teplovozy)" dlia studentov V kursa spetsial'nosti "Teplovozy i teplovoznoe khoziaistvo." Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 95 p.

IVANOV, V.V. [Springs, suspension of diesel locomotives, lecture on "Construction and dynamics of locomotives (diesel)" for students of the fifth course specializing in "Diesel locomotives, their operation, equipment and maintenance"] Ressornoe podveshivanie teplovozov, lektsii po distsipline "Konstruktsiia i dinamika lokomotivov (teplovozy)" dlia studentov V kursa spetsial'nosti "Teplovozy i teplovoznoe khoziaistvo." Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 64 p.

IVANTSOV, O.M. [Industrialization of pipeline construction] Industrializatsiia stroitel'stva magistral'nykh truboprovodov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 116 p.
[MICROFILM]

IVASHEV, V.V. [Repair of transformers] Remont transformatorov. Izd. 3., perer. Moskva, Gos. energ. izd-vo, 1959. 363 p.

IVASHKOV, I.I. [Laminated chains, design and construction] Plastinchatye tsepi, konstruirovanie i raschet. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 263 p.

KABLUKOVSKII, A.F. [Experts in electric smelting; from practices of the "Elektrostal'" Plant] Mastera elektroplavki; iz opyta zavoda "Elektrostal'." Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 73 p.

KACHANOV, N.N., and L.I. MIRKIN. [X-ray study of polycrystalline structures, a practical guide] Rentgenostrukturnyi analiz (polikristallov), prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

KALANDADZE, G.V. [Course in mechanical drawing] [illegible] Moskva, [illegible] Izd-vo Profizdat, 1960. [illegible] p.

KAPLIN, A.A. [illegible] Moskva, Voenizdat, 1960. [illegible] p.

KAPLIN, M.A. [illegible] 19 p.

KAZINETSKII, M.I. [illegible]

KHAMUDKHANOV, M.Z. [illegible] 114 p.

KHOLMOGOROV, S.I. [illegible]

KHOLMOGORTSEV, I.V. [illegible] 1960. 110 p.

KHRIASHCHEVA, O.I., and L.I. LEBEDEVA. [illegible]

KISELEV, D. [illegible]

KIVELIA, [illegible] [illegible]
[MICROFILM]

KLIUCHNIKOV, B.I. [illegible]

KNIAZHITSKII, G.M. [illegible] 1960. 114 p.

KOLOSOV, M.I., A.S. [illegible] [illegible]

KOMAROV, P.E. [illegible]

KONDAKOV, V.V. [illegible]

KONDRASHOV, A.V. [illegible] 1959. 244 p.

KONONENKO, V.V. [Basic ... advanced equipment and ... installation of ...] [illegible] Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 1959. 134 p.

KONSTANTINOV, A.N., and others. [Machinery and equipment of petroleum refineries, design and ... ; Reference book] Apparaty i oborudovanie neftepererabatyvaiushchikh zavodov ... spravochnaia kniga. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. [illegible] p.

[illegible]

KURATOV, A. I. [Running in and testing of motor vehicle engines after repair] Obkatka i ispytanie avtomobil'nykh dvigatelei posle remonta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. [illegible] p. (Biblioteka mekhanizatora i [illegible])

KUROCHKIN, B. N. [Testing the thermal processes occurring in open hearth furnaces] Teplotekhnicheskie ispytaniia martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 166 p.

KUZNETSOV, E. S. [Efficient conditions for the maintenance of motor vehicles and methods for its improvement] Ratsional'nye usloviia tekhnicheskogo obsluzhivaniia i metody ikh sovershenstvovaniia. Moskva, Avtotransizdat.
  Pt. 1. [Everyday and the first maintenance of motor vehicles] Ezhednevnoe i pervoe tekhnicheskoe obsluzhivanie. 1958. 45 p.

KUZNETSOV, E. S. [Lubrication systems for motor vehicles] Sistemy smazki avtomobilei. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 77 p.

KUZNETSOV, M. I. [Fundamentals of electrical engineering] Osnovy elektrotekhniki. Izd. 7., ispr. i dop. Pod red. S.V. Strakhova. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 558 p.

LABUTIN, V. K. [Simplified devices using transistors] Prosteishie konstruktsii na tranzistorakh. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 64 p. (Massovaia radiobiblioteka, no. [illegible])

LAMBA, K. D. [Use of plastics in coal mining] Primenenie plastmass v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 49 p.

LAVRESHIN, B. I. [SBDM-3 drilling combine] Prokhodcheskii kombain SBDM-3. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 21 p.

LAZ, A. I. [Handbook for the young electrical engineer] Spravochnik molodogo elektrotekhnika. Izd. 2., ispr. i dop. Pod red. B. V. Gellinga. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. [illegible] p.

LAZAREV, A. A., and others. [Manual for operating the S-100 tractor] Rukovodstvo po ekspluatatsii traktora S-100. Pod red. [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. [illegible] p.

LAZAREV, A. A., I. IA. [illegible], and V. I. FEDOROV. [The KDM-100 engine, construction and operation] Dvigatel' KDM-100, ustroistvo i ekspluatatsiia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 254 p.

LEBEDEV, K. B. [Rhenium] Renii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 99 p.
  (CU)

LESENKO, A. N. [Simplified methods for [illegible] ing areas and locating [illegible], sites] Prosteishie sposoby [illegible] Izd. 2., [illegible] perer. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 113 p.

LEVANOV, N. M. [Prestressed reinforced concrete] Predvaritel'no napriazhennyi zhelezobeton. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. [illegible] p.

LEVANTOVSKII, V. I. [By rocket to the moon] Raketoi k lune. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 370 p.

LEVINSON, L. E. [Fundamentals of mechanical engineering] Osnovy tekhnicheskoi mekhaniki. Pod red. A.I. Kobrinskogo. Izd. 3., ispr. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. [illegible] p.

LEVINSON, V. N. [Continuous conveying devices] Transportnye ustroistva nepreryvnogo deistviia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 359 p.

LIAPUNOV, B. V. [Rocket] Raketa. Izd. 2., perer. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 233 p. (Nauchno-populiarnaia biblioteka)

LIDER, I. S. [Large precast sanitary engineering construction elements for apartment houses] Sbornye ukrupnennye elementy sanitarno-tekhnicheskikh ustroistv zhilykh domov. Leningrad, Gos. izd-vo lit-ry po stroitel'stvu, arkhit. i stroit. materialam, 1960. 123 p.

[illegible], M. A. [Refractories in ferrous metallurgy, a handbook] Ogneupory v chernoi metallurgii, spravochnik. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 267 p.

LIPOV, P. P. [Mining machine operator] Gornyi mashinist. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 206 p.

LITOV, P. N., and others. [Electrician for rural electric power systems] Elektromonter sel'skoi elektrifikatsii. Pod red. P.N. Litova. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 391 p.

LITVINENKO, P. A. [Organization of the industrial and technical training of workers] Organizatsiia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 133 p.

LIVSHITS, B. G. [Physical properties of metals and alloys] Fizicheskie svoistva metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. [illegible] p.

LIVSHITS, B. G., and V. S. L'VOV. [High coercivity iron-nickel-aluminum alloys] Vysokokoertsitivnye splavy na zhelezonikel'aliuminievoi osnove. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 157 p.

LOBANOV, D. I. [Technology of food preparation] Tekhnologiia prigotovleniia pishchi. Izd. 3., perer. Moskva, Gos. izd-vo torg. lit-ry, 1960. 311 p.

LOPATA, A. IA., and I. P. TARTAKOVSKII. [Key and toothed (spline) joints] Shponochnye i zubchatye (shlitsevye) soedineniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 139 p. (Biblioteka konstruktora)

LOSEV, I. P., and E. B. TROSTIANSKAIA. [Chemistry of synthetic polymers] Khimiia sinteticheskikh polimerov. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 574 p.

LUKIANOV, P. I. [Production of ethylene by the pyrolysis of crude oil] Piroliz neftianogo syr'ia na etilen. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1959. [illegible] p.

MAKAROV, I. A. [Accelerated technical preparation of production; experience of machinery plants] Uskorennaia tekhnicheskaia podgotovka proizvodstva; iz opyta raboty mashinostroitel'nykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

MAKHLEVICH, L. IA. [Machine repair shops in clothing factories] Remontno-mekhanicheskie masterskie shveinykh predpriiatii. Moskva, Vses. koop. izd-vo, 1959. 254 p.

MAKSIMOVA, IU. A. [Hand knitting] Ruchnoe viazanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 308 p., illus.

MAKUKHIN, P. I. [Safety techniques in foundries] Tekhnika bezopasnosti v liteinykh tsekhakh. Pod red. L.M. Vol'piana. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 61 p. (Nauchno-populiarnaia biblioteka rabochego liteishchika, no. 17)

MALAKHOVSKII, IA. E., and A. A. LAPIN. [Clutches] Stsepleniia. Pod obshchei red. A. A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 101 p. (Proektirovanie avtomobilia)

MALAKOV, F. F. [Fundamentals of safety techniques and fire prevention measures in the food industry] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1960. 147 p.

MANSUROV, A. M. [Drop forging operations] Tekhnologiia goriachei shtampovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 324 p.

MARKELOV, P. A. [Milling machine operator, a manual for new workers] Frezerovshchik; posobie novomu rabochemu. Moskva, Oborongiz, 1945. 97 p. (Biblioteka rabochego aviatsionnoi promyshlennosti)
  (NUC)

MARKVARDT, G. G. [Using modeling for the design and study of electric railroads, lecture on "Electric power supply for electric railroads" for students of the fifth and sixth courses specializing in "Electrification of railroad transportation"] Primenenie modelirovaniia dlia raschetov i issledovaniia elektricheskikh zheleznykh dorog. Lektsiia po distsipline "Energosnabzhenie elektricheskikh zheleznykh dorog dlia studentov V i VI kursov spetsial'nosti "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, M-vo putei soobshcheniia. Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1959. 27 p.

MARMER, E. N. [Materials for the construction and operation of vacuum electric furnaces] Materialy vakuumnykh elektropechei. Moskva, Gos. energ. izd-vo, 1959. 63 p. (Biblioteka elektrotermista, no. [illegible])
  [MICROFILM]

MASHINOEKSPORT, VSESOIUZNOE OB"EDINENIE
[Reference catalog] Katalog-spravochnik. Moskva
  Vol. 24. [Equipment for producing building materials, cement and glass] Oborudovanie dlia proizvodstva stroitel'nykh materialov, tsementa i stekla.
    Pt. 2. [Equipment for making fireproof materials] Oborudovanie dlia proizvodstva ogneupornykh izdelii. [n. d.] 109 p., illus.

MASLOV, N. N., and Z. V. PIL'GUNOVA. [Dams of North Africa, from the design and construction practice] Plotiny Severnoi Afriki, iz praktiki proektirovaniia i stroitel'stva. Moskva, Gos. energ. izd-vo, 1960. 173 p.

MCHEDLISHVILI, V. A., G. A. [illegible], and A. M. SAMARIN. [Role of manganese in preventing the harmful effect of sulfur on the quality of steel] Rol' margantsa v ustranenii vrednogo vliianiia sery na kachestvo stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 63 p.

MEDVEDEV, B. A. [Antifriction bearings for lumbering machinery and mechanisms, handbook] Podshipniki kacheniia lesozagotovitel'nykh mashin i mekhanizmov, spravochnik. Moskva, Goslesbumizdat, 1960. 101 p.

MELITOPOL'SKII MOTORNYI ZAVOD. [The 1Ch 10,5/13-2 and 2Ch 10,5/13-2 diesel engines, the 1ChA 10,5/13, 2ChA 10,5/13, DG-12V diesel generators, and the 1ChSP 10,5/13, 2ChSP 10,5/13, and 2ChSP 10,5/13-1 marine diesel engines, description of the construction, manual for maintenance] Dizeli 1Ch 10,5/13-2 i 2Ch 10,5/13-2, Dizel'generatory 1ChA 10,5/13, 2ChA 10,5/13 i DG-12V, Sudovye dizeli 1ChSP 10,5/13, 2ChSP 10,5/13 i 2ChSP 10,5/13-1; opisanie konstruktsii, rukovodstvo po obsluzhivaniiu. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 164 p.

MENDELENKO, L. I. [Mechanizing assembly processes in the automobile industry] Mekhanizatsiia sborochnykh rabot v avtostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 160 p.

MENKOVSKII, M. A. [Chemistry in coal mining] Khimiia v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 151 p.

MERKULOV, A. F. [Variable equalizers] Peremennye vyravnivateli. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 65 p. (Lektsii po tekhnike sviazi)

MERKULOV, E. F. [Antifriction porous alloys] Antifriktsionnye poristye splavy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 60 p.

MIASNIKOV, K. A., and I. S. SHUR. [Mechanization of industrial processes in glass plants] Mekhanizatsiia proizvodstvennykh protsessov na stekol'nykh zavodakh. Moskva, Gos. izd-vo lit-ry po stroitel'stvu, arkhitekture i stroit. materialam, 1960. 343 p.

MIKHAILOV, I. E., and A. I. IL'CHENKO. [Reducers for mining machinery] Reduktory shakhtnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 304 p.

[MINE FANS FOR MAIN MINE VENTILATION, catalog handbook on mining equipment] Shakhtnye ventiliatory glavnogo provetrivaniia; katalog-spravochnik po gornoshakhtnomu oborudovaniiu. [Moskva] Gosgortekhizdat, 1959. 78 p.

[MODEL AIRPLANE BUILDING; collection of articles. A manual for leaders of model airplane clubs and teachers] Aviamodelizm; sbornik statei. Posobie dlia rukovoditelei aviamodel'nykh kruzhkov i uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 141 p.

MOISEEV, A. A., V. V. PAVLOV, and M. IA. BORODIN, eds. [Foamed plastics] Penoplastmassy; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo, oborongiz, 1960. 162 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Technical specifications for repairing, assembling, and testing the MAZ-200 and MAZ-205] Tekhnicheskie usloviia na remont, sborku i ispytanie avtomobilei MAZ-200 i MAZ-205. Moskva, Avtotransizdat, 1959. 174 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TORGOVLI I OBSHCHESTVENNOGO PITANIIA [Collection of recipes and technical instructions for the processing of fruits and vegetables] Sbornik retseptur i tekhnologicheskikh ukazanii po pererabotke plodov i ovoshchei. Izd. 4., dop. i perer. Moskva, Gos. izd-vo torg. lit-ry, 1959. 204 p.

MOSHCHEVITIN, A.S. [Electrical engineering] Elektrotekhnika. Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 515 p.

MOSHKEVICH, E.I. [Progressive practices in melting high-alloy steels at the "Dneprospetsstal'" plant] Peredovoi opyt vyplavki vysokolegirovannykh stalei na zavode "Dneprospetsstal'." Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 57 p.

MOSKVIN, G.N., and others. [Manual for rural water supply workers] Rukovodstvo dlia rabotnikov sel'skogo vodosnabzheniia [illegible]. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 300 p.

MURAV'EV, I.M., ed. [Reference book on petroleum production] Spravochnik po dobyche nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.
Vol. 1. 1960. 713 p.

MUSIN, A.CH. [Mining flat ore deposits by the open stope system as applicable to conditions prevailing in Dzhezkazgan] Razrabotka pologopadaiushchikh rudnykh mestorozhdenii sistemoi s otkrytym ochistnym prostranstvom primenitel'no k usloviiam Dzhezkazgana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 111 p.

MUSOLIN, K.I. [Nomographic calculations for the alcohol production process, automation of the technology and technical and chemical control of the alcohol production] Nomograficheskie raschety spirtovogo proizvodstva, avtomatizatsiia tekhnologii i tekhnokhimicheskogo kontrolia spirtovogo proizvodstva. Moskva, Pishchepromizdat, 1959. 131 p.

MUZYLEV, L.I., V.V. KHINSKII, and V.A. PETROV. [Wool comber with periodic action, working principle, servicing, assembling, and adjustment] Grebnechesal'naia mashina periodicheskogo deistviia dlia shersti; ustroistvo, obsluzhivanie, montazh i naladka. Pod obshchei red. L.I. Muzyleva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 138 p. (Uchebnik dlia podgotovki rabochikh massovykh professii)

NAGULA, G.I., V.S. KALUGIN, and A.I. MANZON. [Manual for third-class automobile drivers] Uchebnik shofera tret'ego klassa. Izd. 3., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 400 p.

NAIDENKO, I.S. [Inspection, adjustment and testing of brake systems on mine hoisting machines] Osmotr, naladka i ispytanie tormoznykh ustroistv shakhtnykh pod"emnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 205 p.

NAIFEL'D, M.R. [Protective grounding of electric systems] Zashchitnye zazemleniia v elektrotekhnicheskikh ustanovkakh. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1959. 214 p.

NEKRASOV, I.D. [Hydraulics] Gidravlika. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 210 p.

NEKRASOVA, I.M. [The Lenin plan for the electrification of the country and its realization from 1921 to 1931] Leninskii plan elektrifikatsii strany i ego osushchestvlenie v 1921-1931 gg. Moskva, Izd-vo Akad. nauk SSSR, 1960. 143 p.

NEROVNOV, V.IA., and A.T. KOLSAKOV. [Operation of motortrucks] Ekspluatatsiia gruzovogo avtomobilia. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 69 p.

NESTERENKO, A.D. [Fundamentals for calculating the balancing circuits of electric measuring devices] Osnovy rascheta elektroizmeritel'nykh skhem uravnoveshivaniia. Izd. 2., perer. i dop. Kiev, Izd-vo Akad. USSR, 1960. 715 p.

NEVSKII, A.S. [Application of the similitude theory to the study of thermal processes in heating furnaces] Primenenie teorii podobiia k izucheniiu teplovoi raboty nagrevatel'nykh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 120 p.

NIKIFOROV, A.A. [illegible] Moskva, [illegible], 1960. 150 p.

NIKITIN, M.N., and I.Z. [illegible] [illegible] Moskva, [illegible], 1960. [illegible]

NIKOLAEV, D.A. [illegible] 1960. 114 p.

NIKOLAEV, D.A. [illegible] 1960. 91 p.

NIKOLAEV, I.I. [illegible] 1959. 40 p.

NIKOLAEV, I.I. [illegible] 51 p.

NIKOLAEV, I.I. [illegible] 1959. 17 p.

NIKOLAEV, I.A. [illegible]

NOVIKOV, V.A. [illegible] 1959. 53 p.

NOVYE [illegible] [illegible] 220 p.

NURMAKHOV, A. [illegible] 1959. 142 p.

[illegible] [illegible] 1959. 324 p.

[illegible] [Stability analysis [illegible]] [illegible] 1960. 311 p.

OGLOBLIN, D.N., I.IA. BEREZHNOI, and N.V. [illegible] [Tables for open pit mine surveying] Tablitsy dlia marksheiderskikh rabot na kar'erakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 234 p.

ORLOV, V.A. [Radio amateur's meter devices] Izmeritel'naia laboratoriia radioliubitelia. Moskva, Gos. energ. izd-vo, 1951. 79 p.
([illegible])

OSIPOV, K.D., and V.V. PASYNKOV. [Handbook on radio measuring devices] Spravochnik po radioizmeritel'nym priboram. Pod red. G.A. Remeza. Moskva, Izd-vo "Sovetskoe radio."
Pt. 4. [Special measuring devices and current sources] Spetsial'nye izmeritel'nye pribory i istochniki pitaniia. 1959. 153 p.

[illegible]

RAT'KOVSKII, L.P. [Producing concrete aggregates using rock products] Proizvodstvo nerudnykh materialov - zapolnitelei dlia betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 203 p.

REMEZ, G.A. [Radio measurements] Radioizmereniia. Izd.2., perer. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 319 p.

[REPORTS AND COMMUNICATIONS AT THE ALL-UNION CONFERENCE ON BUILDING] Vsesoiuznoe soveshchanie po stroitel'stvu. 3d, Moscow, 1958. Doklady i soobshcheniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 309 p.
(DLC)

REPREV, A.I. [Designing the right of way and profile of new railroads with electric and diesel traction; lecture on the "Location and design of railroads" for students of the fourth and fifth courses specializing in "Railroad construction"] Proektirovanie trassy i profilia novykh zheleznykh dorog s elektrovoznoi i teplovoznoi tiagoi; lektsiia po distsipline "Izyskaniia i proektirovanie zheleznykh dorog" dlia studentov V-VI kursov spetsial'nosti "Stroitel'stvo zheleznykh dorog." Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1957. 20 p.

RESHETINSKII, I.I. [New types of locomotives, recommended reading list] Novye vidy lokomotivov; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka SSSR im. V.I. Lenina, 1960. [illegible] p. (Novosti tekhniki, no.9)
(MICROFILM)

RETTER, E.I. [Aerodynamic characterization of industrial buildings] Aerodinamicheskaia kharakteristika promyshlennykh zdanii. [illegible] Akad. stroit. i arkhit. SSSR, Ural'skii filial, 1959. 201 p.

RIABKO, Kh. G., and others. [Small [illegible] their manufacture and operation] Malye [illegible] proizvodstvo i ekspluatatsiia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

RIABOV, P.I. [Mobile steam boilers] Peredvizhnye parovye kotly. Izd.2., perer. M[illegible], 1960. 314 p.

RODIN, P.R. [Fundamentals of the theory of the design of metal cutting tools] Osnovy teorii proektirovaniia metallorezhushchikh instrumentov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

RODIONOV, I.E. [illegible] Markshneiderskoe obsluzhivanie [illegible] razrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. [illegible] p.

ROGOVER, G.B. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo [illegible] lit-ry [illegible], 1960. [illegible] p.

ROINISHVILI, N.M. [Structures to protect railroads from earth slides] [illegible] na zheleznykh dorogakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 227 p.

ROMANOV, V.V. [Stress corrosion cracking of metals] Korrozionnoe rastreskivanie metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 177 p.

ROZEN, B.IA. [Century of polymers] Vek polimerov. [Leningrad] Lenizdat, 1959. 246 p.

ROZENFEL'D, Sh.I. [Location and distribution of the building materials industry of the U.S.S.R.] Razmeshchenie i raspredelenie promyshlennosti stroitel'nykh materialov SSSR. Moskva, Gosplanizdat, 1959. 180 p.

ROZHDESTVENSKII, B.I. [Apparatus for the transmission of broadcasting programs through the high-duplex channels of high-frequency telephone systems] Apparatura dlia peredachi programm veshchaniia po vysokochastotnym kanalam sistem VCh telefonirovaniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 38 p. (Lektsii po tekhnike sviazi)

ROZHKO, N.N. [On the road of technical progress, the Frunze Agricultural Machinery Plant] Po puti tekhnicheskogo progressa; Sel'mashzavod imeni Frunze. Frunze, Kirgizskoe gos. izd-vo, 1959. 86 p.

RUDAKOV, A.S. [Resistance welding] Kontaktnaia svarka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 61 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no.13)

RUSSIA (1917- R.S.F.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation, assembly, and operation of boilers used for heating water to 115°C and for steam-boilers having a pressure not above 0.7 atm] Pravila ustroistva, ustanovki i ekspluatatsii vodogreinykh kotlov dlia nagrevaniia vody do 115° C i parovykh kotlov s davleniem ne vyshe 0,7 ati. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 51 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. Proektstal'konstruktsiia. [Manual on practical building] Spravochnik po obshchestroitel'nym rabotam. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol.9. [Erecting steel structures] Montazh stal'nykh konstruktsii. Izd.2., perer. i dop. Pod red. G.A. [illegible], 1959. 700 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo torgovli. [Manual for supervisors of public food service establishments] Spravochnik rukovoditelia predpriiatiia obshchestvennogo pitaniia. Sostaviteli: K.M. Mokhina, V.I. [illegible]. Pod red. V.I. Zakharova. Moskva, Gos. izd-vo torg. lit-ry, 1960. 647 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie vagonnogo khoziaistva. [Album of truck designs for all-metal passenger cars] Al'bom chertezhei telezhek tsel'nometallicheskikh passazhirskikh vagonov. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 131 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [illegible] Moskva, [illegible], 1959. [illegible] p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for conducting and inspecting the assembling and building [illegible] sanitary engineering operations (SN 64-59)] [illegible] (SN 64-59). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 92 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Origin of oil and gas and the formation of their deposits; transactions of the All-Union conference, Moscow, October 20-27, 1958] Proiskhozhdenie nefti i gaza i formirovanie ikh zalezhei; trudy Vsesoiuznogo soveshchaniia, Moskva, 20-27 oktiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1960. 547 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Rules for the technical operation of railroads in the U.S.S.R.] Pravila tekhnicheskoi ekspluatatsii zheleznykh dorog Soiuza SSR. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 145 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. [Basic trends in the development of standard designs and technological planning of peat enterprises] Osnovnye tekhnicheskie napravleniia v proektirovanii i tekhnologicheskom proektirovanii torfianykh predpriiatii. Moskva, Gos. energ. izd-vo, 1959. 30 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering special secondary schools of the U.S.S.R. (technical schools) in 1960] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1960 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 358 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ball and roller bearings] Sharikovye i rolikovye podshipniki. Izd. ofitsial'noe. Moskva, 1959. 217 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Cutting tools, milling cutters, taps, threading dies, gear cutters] Rezhushchii instrument, frezy, metchiki, plashki, dolbiaki. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov. (Gosudarstvennye standarty SSSR)
No.3. 1960. 306 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Electric wire from nonferrous metals and alloys] Provoloka iz tsvetnykh metallov i splavov. Izd. ofitsial'noe. Moskva, 1959. 145 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Textile fabrics, testing methods] Tkani tekstil'nye, metody ispytanii. Izd. ofitsial'noe. Moskva, 1959. 105 p.

RYBIN, A.A., and S.L. SHTIGLITS. [Soft rocks, their properties, and use] Miagkie kamni, ikh svoistva, obrabotka i primenenie. Moskva, Vses. koop. izd-vo, 1959. 152 p.

RYSKIN, M.V. [Asbestos, market of capitalist countries] Asbest, rynok kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1960. 185 p.

SADOVNIKOV, I.S., and V.A. IVANOV. [Building tools; a manual] Stroitel'nye instrumenty, spravochnoe posobie. Kiev, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture USSR, 1960. 131 p.

SAMOILOV, D.S. [Principles of the organization and coordination of routes for city passenger transportation, scientific report] Printsipy postroeniia i koordinatsii marshrutov gorodskogo passazhirskogo transporta, nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1959. 71 p.

SAMUILOV, I.V., and I.E. SHPIL'RAIN, eds. [Motion of the nose section of long range rockets; collected articles] Problemy dvizheniia golovnoi chasti raket dal'nego deistviia, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1959. 488 p.

SAVINOV, O.A., and A.IA. LUSKIN. [Vibration method of pile driving and its use in construction] Vibratsionnyi metod pogruzheniia svai i ego primenenie v stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 250 p.

SENKOV, P.V. [Regulation of the daily allowance of heat supply to apartment houses and public buildings; scientific report] [illegible] otpuska tepla zhilym i obshchestvennym zdaniiam, nauchnoe soobshchenie. [Pushkin] Akad. kommun. khoz. im. K.D. Pamfilova, 1959. 73 p.

SEREBRENNIKOV, IU.N. [Machine parts; manual for airplane engineers] Detali mashin, uchebnik dlia aviatsionnykh spetsialistov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 216 p.

SERGEEV, A.G., and V.P. RZHEKHIN, eds. [Technochemical control and production accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhiropererabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat.
Vol.3. [Special methods in the analysis of raw material and semiprocessed and finished products] Spetsial'nye metody analiza syr'ia, polufabrikatov i gotovoi produktsii. 1960. 495 p.

SHEFTER, IA.I., I.V. ROZHDESTVENSKII, and G.A. PLECHKOVSKII. [Assembling, maintaining, and repairing wind driven machinery] Montazh, ekspluatatsiia i remont vetrodvigatelei [illegible]. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 301 p.

SHEVELIUK, M.I. [Theoretical bases for designing liquid propellant rocket engines] Teoreticheskie osnovy proektirovaniia zhidkostnykh raketnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 681 p.

SHILONOSOV, M.A. [Electric checking and measuring equipment; equipment of electric engineering laboratories, repair of testing of apparatus] Elektricheskie kontrol'no-izmeritel'nye pribory; oborudovanie elektrotekhnicheskikh laboratorii, remont i ispytanie apparatury. Izd.3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 116 p.

SHMCHISHIN, E.F. [Work organization for the erection of drilling rigs and supporting structures, practices of drillers in the Turkmen S.S.R.] Organizatsiia truda pri stroitel'stve burovykh, opyt burovikov Turkmenskoi SSR. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 41 p.

SHMON, A.A. [Technical means for cultural and educational work, textbook for the schools for community center employees] Tekhnicheskie sredstva kul'turno-prosvetitel'noi raboty; uchebnik dlia kul'turno-prosvetitel'nykh shkol. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 245 p.

SHKURIN, G.P. [Handbook on electric and radio measuring devices] Spravochnik po elektroizmeritel'nym i radioizmeritel'nym priboram. Izd.3., perer. i dop. Moskva, Voen. izd-vo M-va obor. SSSR.
Vol. 1. [Electric measuring devices] Elektroizmeritel'nye pribory. 1960. 650 p.

SHORIN, A.I., and V.M. STAROSTIN. [Using the method of twisting two metals in manufacturing spiral metal-cutting tools] Proizvodstvo spiral'nogo metallorezhushchego instrumenta metodom skruchivaniia dvukh metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 51 p.

SKVORTSOV, B. M. [Organizing the operation of restaurants] Organizatsiia proizvodstva stolovykh. Moskva, Gos izd-vo torg. lit-ry, 1960. 158 p

SMOL'NIKOV, L. P. [Automatic control of technological processes in metallurgical plants] Elektroavtomatika tekhnologicheskikh protsessov v metallurgicheskikh tsekhakh. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 207 p.

SOIUZ RABOCHIKH MASHINOSTROENIIA. TSentral'nyi komitet. [General safety and sanitation regulations for enterprises and organizations of the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958, and coordinated with the Main State Inspection of the U. S. S. R. on September 27, 1958] Obshchie pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii dlia predpriiatii i organizatsii mashinostroeniia. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Soglasovany s Glavnoi Gosudarstvennoi inspektsiei SSSR 27 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 57 p.

SOIUZ RABOCHIKH MASHINOSTROENIIA. TSentral'nyi komitet. [Safety and sanitation regulations for operating high-frequency units in the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri rabote na vysokochastotnykh ustanovkakh v mashinostroitel'noi promyshlennosti. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 16 p.

SOLODOVNIKOV, V. V., and A. S. USKOV. [Statistical analysis of control systems, statistical methods for determination of dynamic characteristics of automatic control systems during normal operation] Statisticheskii analiz ob''ektov regulirovaniia; statisticheskie metody opredeleniia dinamicheskikh kharakteristik ob''ektov avtomaticheskogo regulirovaniia v protsesse ikh normal'noi ekspluatatsii Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 130 p.

SOLOV'EV, L. N. [For young grinding-machine operators] V pomoshch' molodomu shlifovshchiku. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959. 73 p.

SOROKIN, M. P. [Mine ventilation systems] Shakhtnye ventiliatornye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 143 p.

STEKLOV, V. IU. [Electrification of U. S. S. R. during the period of large-scale development of communism] Elektrifikatsiia SSSR v period razvernutogo stroitel'stva kommunizma. [Moskva] Izd-vo "Sovetskaia Rossiia," 1959. 132 p.

STRELETS, KH. L., A. IU. TAITS, and B. S. GULIANITSKII. [Magnesium metallurgy] Metallurgiia magniia. Izd 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 479 p.

SUMIN, I. F. [Safety provision in the operation of electric contact locomotives in mines] Obespechenie bezopasnosti ekspluatatsii rudnichnykh kontaktnykh elektrovozov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 127 p.

SUMIN, I. F., and A. G. IKHNO. [Guide for a mine electrician] Pamiatka shakhtnogo elektroslesaria Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 99 p. (Tekhnika bezopasnosti)

SVETLICHNYI, V. I. [Housing construction in the U. S. S. R.] O zhilishchnom stroitel'stve v SSSR Moskva, Izd-vo "Znanie," 1960 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 3, Ekonomika, no. 16)

[SWITCHMAN'S MANUAL] Rukovodstvo strelochniku. Izd 3. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 254 p.

TANENGOL'TS, L. IA. [Troubles in electric equipment of automobiles; detection and correction] Neispravnosti v elektrooborudovanii avtomobilei; obnaruzhenie i ustranenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 155 p.

TEMKIN, S. E. [Pulse modulator tubes] Impul'snye moduliatornye lampy. Moskva, Voen. izd-vo M-va obor SSSR, 1960. 90 p. (Radiolokatsionnaia tekhnika)

TER-GRIGOR'IAN, A. L., ed. [Driller's handbook] Spravochnik burovogo mastera. Izd. 2., ispr. i dop. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 783 p.

TIMOSHENKO, N. N. [Direct reduction of iron ores] Priamoe vosstanovlenie zheleznykh rud. Otv. red. I. P. Bardin. Moskva, Vses. In-t nauchn. i tekhn. informatsii, 1959 54 p

TOROPOV, A. S. [Reinforcement] Armaturnye raboty. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 371 p.

TRESTMAN, A. G. [Methods of compiling streamflow data under different physicogeographical conditions] Metody podscheta stoka rek v zavisimosti ot fizikogeograficheskikh uslovii. Leningrad, Gidrometeor izd-vo, 1960. 187 p.

TRET'IAKOV, A. V., and K. M. RADCHENKO. [Changes in the mechanical properties of metals and alloys under the effect of cold rolling] Izmenenie mekhanicheskikh svoistv metallov i splavov pri kholodnoi prokatke Sverdlovsk, Gos nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 84 p

TROFIMOV, G. T. [Highway construction on permafrost] Stroitel'stvo avtomobil'nykh dorog v usloviiakh mnogoletnei merzloty. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 43 p

TSENTRAL'NAIA NAUCHNO-ISSLEDOVATEL'SKAIA LABORATORIIA PO GORNOSPASATEL'NOMU DELU. [Insulating respirator RKK-1, instructions for use] Izoliruiushchii respirator RKK-1, instruktsiia po ekspluatatsii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 30 p.

TSIAPKO, N. F., and A. M. CHAPKA. [Hydraulic coal breaking in underground coal mining] Gidrootbolka uglia na podzemnykh rabotakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 312 p.

TSYTOVICH, N. A., and others. [Foundation engineering] Osnovaniia i fundamenty. Pod red. N. A. TSytovicha. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 452 p.

TUSHINSKII, G. K. [Protecting highways from snow slides] Zashchita avtomobil'nykh dorog ot lavin. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 152 p.

ULITOVSKII, B. A. [The U14 and U12 diesel generator units] Dizel'-generatornye ustanovki U14 i U12. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 141 p.

ULITSKII, L. I. [Economic aspects of the by-product coke industry of the U. S. S. R.] Voprosy ekonomiki koksokhimicheskoi promyshlennosti SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 324 p.

[UNPARALLELED SCIENTIFIC ACHIEVEMENT; materials of "Pravda" on three Soviet cosmic rockets] Besprimernyi nauchnyi podvig, materialy gazety "Pravda" o trekh sovetskikh kosmicheskikh raketakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 202 p.

USHAGINA, V. I. [Motion-picture projection] Kinoproektsiia. Moskva, Gos. izd-vo "Iskusstvo," 1960. 86 p. (Biblioteka kinoliubitelia)

USPENSKII, F. IA., and others. [Economy and planning of public food service] Ekonomika i planirovanie obshchestvennogo pitaniia. Moskva, Gos. izd-vo torg. lit-ry, 1960. 248 p.

USPENSKII, L., and V. BALABANOV. [Our airplanes] Nashi samolety. Leningrad, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 30 p.

USPENSKII, V. P. [Method for laying concrete in building hydraulic structures] Opyt organizatsii betonnykh rabot na gidrotekhnicheskom stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 143 p.

VANĚK, MILOŠ. [Industrial furniture finishing] Promyshlennaia otdelka mebeli. Moskva, Goslesbumizdat, 1959. 141 p.

VASIL'EV, G. V. [Purification of waste waters from enterprises of the textile industry] Ochistka stochnykh vod predpriiatii tekstil'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 227 p.

VASIL'EV, N. N. [Switches; course of lectures on "The railroad track (Chapter "Switches") for students of the fifth and sixth courses specializing in "Railroad construction"] Strelochnye perevody; lektsionnyi kurs po distsipline "Ustroistvo zheleznodorozhnogo puti" (Razdel "Strelochnye perevody") dlia studentov V i VI kursov spetsial'nosti "Stroitel'stvo zheleznykh dorog." Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 89 p.

VASILEVSKII, M. N. [Asynchronous drives for mine hoisting machinery] Asinkhronnyi privod shakhtnyk pod''emnykh mashin. Izd. 2., dop. i ispr Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960 387 p.

VEINIK, A. I. [Theory of the solidification of castings Teoriia zatverdevaniia otlivki. Moskva, Gos. nauc no-tekhn. izd-vo mashinostroit. lit-ry, 1960. 434 p.

VERYZHENKO, IE. P., and IA. D. LIVSHYTS'. [Static of structures] Statyka sporud. Vyd. 2., perer. Kyi Derzh. vyd-vo lit-ry z budivnytstva i arkhit. URSR 1959. 330 p.

VESHER, A. V., and others. [ESK-1 electronic switch compensator and KSR-1 and KSRM-1 electronic com putor compensators for electric prospecting] Elek naia elektrorazvedochnaia apparatura ESK-1, KSR-1 KSRM-1. Moskva, Gos. nauchno-tekhn. izd-vo lit-r po geol. i okhrane nedr, 1959. 103 p.

VINOKUROV, A. D. [Sport of the brave] Sport smelyk Moskva, Izd-vo DOSAAF, 1960. 62 p.

VLADIMIRSKII TRAKTORNYI ZAVOD, Vladimir. [Cat of spare parts for the DT-24-2, DT-24-3, DT-24-2 DT-24-3M, DT-24-3B i T28 "Vladimirets" row-cr tractors] Katalog zapasnykh chastei universal'nykh propashnykh traktorov DT-24-2, DT-24-3, DT-24-2 DT-24-3M, DT-24-3B i T28 "Vladimirets." Mosk Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 328 p

VOLCHKOV, K. K., B. IA. GRISHKAN, and M. M. ZAKH RIN. [Line structures of municipal electric networ Ekspluatatsiia setevykh sooruzhenii gorodskoi elektricheskoi seti. Pod red. A. P. Shcheglova. Moskva, Gos. energ. izd-vo, 1960. 394 p.

VOLOSATOV, V. A., A. I. VYDRIN, and M. Z. GAMUS. [Complex plan for every worker] Kompleksnyi plan na kazhdoe rabochee mesto. [Leningrad] Lenizdat, 1959. 161 p. (Opyt novatorov leningradskoi promyshlennosti)

VSESOIUZNOE OB''EDINENIE KNIZHNOI TORGOVLI [Catalog of books on petroleum and gas to be publish in 1960] Prospekt knig po nefti i gazu izdavaemykh v 1960 godu. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

No. 1. [Drilling wells and producing oil and gas] Burenie skvazhin i dobycha nefti i gaza. 1959. 24 p.

No. 2. [Chemistry, refining, transporting, and storing oil and gas] Khimiia, pererabotka, transport i khranenie nefti i gaza. Ekonom 1959. 40 p.

VYSHEMIRSKII, M. M. [Coremaker] Sterzhenshchik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960 172 p.

VYSOTSKII, M. Z. [Magnetic sound recording for mot pictures] Magnitnaia zvukozapis' kinofil'mov. Moskva, Gos. izd-vo "Iskusstvo," 1960. 285 p.

ZAGORDAN, A. M. [Elementary theory of the helicopte Elementarnaia teoriia vertoleta Izd 2., dop. i pere Moskva, Voen. izd-vo M-va obor SSSR, 1960. 383 p

ZAK, G. L. [Self-purification of water reservoirs, prin ciples underlying the regulation of hydrological and sanitary-engineering calculations] Samoochishchenie vodoemov; osnovy ratsionalizatsii gidrologicheskikh i sanitarno-tekhnicheskikh raschetov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 150 p.

ZAMARIN, E. A., and V. V. FANDEEV. [Hydraulic structures] Gidrotekhnicheskie sooruzheniia. Izd. 4. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 623 p.

ZASLAVSKII, IU. Z. [Vertical shaft sinking in Krivoy Rog Iron Ore Basin] Opyt prokhodki vertikal'nykh stvolov v Krivorozhskom zhelezorudnom basseine. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornom delu, 1960. 42 p.

ZELIKIN, M. B., and others. [Production of soda ash] Proizvodstvo kal'tsinirovannoi sody. Pod red. M. B. Zelikina. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 421 p.

ZENKIS, IA. S. [Coal fields for coking; technical and economic factors determining the selection of coal fields for coking] Ugol'nye bazy dlia koksovaniia, tekhniko-ekonomicheskie osnovy vybora ugol'nykh baz dlia koksovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 132 p.

ZHEMOCHKIN, B. N. [Designing continuous beams and crosspieces] Raschet randbalok i peremychek. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 226 p.

ZHIL'TSOV, V. N., and E. T. MOSIN. [Arrangement and maintenance of the track of the Moscow subway] Ustroistvo i soderzhanie puti Moskovskogo metropolitena. Moskva, Vses. izdatel'sko poligr. ob"edinenie M-va putei soobshcheniia, 1960. 304 p.

ZISLIN, S. G., and others. [The GAZ-69, GAZ-69A, and M-72 high road-ability automobiles, construction and operation] Avtomobili vysokoi prokhodimosti GAZ-69, GAZ-69A i M-72; ustroistvo i ekspluatatsiia. Pod red. N. I. Borisova. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 362 p.

ZORIN, I. P., and A. M. [illegible] [Percussion cable drilling] Udarno-kanatnoe burenie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 343 p.

ZORIN, P. A., N. V. KRYLOV, and P. I. MARTYNOV. [Handbook for rural builders; building materials, details, and construction elements] V pomoshch' sel'skomu stroiteliu, stroitel'nye materialy, detali i konstruktsii. [Moskva] Moskovskii rabochii, 1959. 438 p.

ZORIN, V. S. [illegible] Pomnite: gaz nebezopasen! [Moskva, [illegible], 1958] 4 p.

17. MILITARY & NAVAL SCIENCES

ABRAMOV, V. K. [Man and equipment in modern war] Chelovek i tekhnika v sovremennoi voine. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 104 p.

BELKIN, I. M. [Thirteenth Army in the Lutsk-Rovno Operation, 1944] 13 Armiia v Lutsko-Rovenskoi operatsii 1944 g. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. [illegible] p.

BEREZIN, B. M. [Materials for electric lines in ship building] Materialy dlia elektromontazha v sudostroenii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. [illegible] p.

BUIANOV, N. E. [Hydrographic description of the route from the Black Sea to the Far East] [illegible] Moskva, Izd-vo "Morskoi transport," 1960. [illegible] p. illus.

CHANG HSUAN. [illegible] Moskva, [illegible], 1960. [illegible] p.

DMITRIEV, V. P., and A. A. KOMAROV. [illegible] Leningrad, [illegible] promyshl., 1960. [illegible] p.

EL'IANOV, D. I., comp. [illegible] English dictionary of [illegible] Pod red. N. G. Morozovskogo. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. [illegible] p.

IVANOV, N. I. [Albanian People's Army] Albanskaia narodnaia armiia. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 92 p.

IVANOV, P. I., and P. A. SUKHORUKOV. [Technical operation of boiler equipment on ships] Tekhnicheskaia ekspluatatsiia kotel'nogo oborudovaniia morskikh sudov. Moskva, Izd-vo "Morskoi transport," 1960. 179 p.

KARDASHOV, L. S. [International obligation of the Soviet Armed Forces] Internatsional'nyi dolg Vooruzhennykh Sil SSSR. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 311 p.

KITA, V. P. [Gas turbine superchargers for marine internal combustion engines] Gazoturbinnyi nadduv sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Rechnoi transport," 1960. 176 p.

KOROLEV, I. P. [Reconnaissance by observation] Razvedka nabliudeniem. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 111 p.

[MICROFILM]

KOROLEV, N. I. [Manual on the regulation of steam distribution in marine engines] Posobie po regulirovaniiu paroraspredeleniia sudovykh mashin. Moskva, Izd-vo "Morskoi transport," 1960. 106 p.

KOROTKIN, I. M. [Battle damage of surface vessels] Boevye povrezhdeniia nadvodnykh korablei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 101 p.

KOVALEV, A. P. [Repair of marine engines and mechanisms] Remont sudovykh dvigatelei i mekhanizmov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. [illegible] p.

KRYLENKO, G. D. [Rocket control] Upravlenie [illegible] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. [illegible] p.

LEBEDEV, A. S. [Safety measures in the operation of marine power plants. For engine room crews of ships of the Ministry of the R.S.F.S.R. River Fleet] [illegible] Moskva, Izd-vo "Rechnoi transport," 1960. [illegible] p.

LUKOV, G. D. [Psychology; an essay on problems in the training and education of Soviet troops] Psikhologiia; [illegible] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. [illegible] p.

MONTROSS, LYNN, and NICHOLAS A. CANZONA. The Inchon-Seoul operation [Translated from the English] [illegible] Moskva, [illegible], 1960. [illegible] p.

MOROZOV, I. D. [V. I. Lenin on the training of the Soviet troops] V. I. Lenin o vospitanii sovetskikh voinov. Pod red. [illegible] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 160 p.

[illegible], P. A., comp. [Handbook on [illegible]] [illegible] Moskva, Izd-vo "Morskoi transport," 1960. 111 p.

ORLSHKIN, A. K. [Defensive operation of the 9th Army (October-November 1941)] Oboronitel'naia operatsiia 9-i armii, oktiabr' - noiabr' 1941 g. Moskva, Voen. izd-vo M-va obor., SSSR, 1960. 135 p.

PAVLENKO, G. E. [Methods of determining acceptable conditions for navigation on rivers and canals] Metodika opredeleniia dopuskaemogo rezhima dvizheniia sudov na rekakh i kanalakh. Kiev, Izd-vo Akad. nauk USSR, 1959. 28 p.

PLESKO, V. A. [Electronic equipment in military science] Elektronnye mashiny v voennom dele. Moskva, Voen. izd-vo M-va obor., SSSR, 1960. 74 p.

RIABCHIKOV, P. A. [Seagoing vessels; history of their development and modern types] Morskie suda, istoriia razvitiia i sovremennye tipy sudov. Izd. 3., dop. Pod red. A. P. [illegible] Moskva, Izd-vo "Morskoi transport," 1960. 630 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Rules for the technical operation of the inland water transportation system of R.S.F.S.R.] Pravila tekhnicheskoi ekspluatatsii rechnogo transporta RSFSR. Moskva, Izd-vo "Rechnoi transport," 1960. 100 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Service regulations on ships of the Ministry of the River Fleet of the R.S.F.S.R.] Ustav sluzhby na sudakh Ministerstva rechnogo flota RSFSR. Moskva, Izd-vo "Rechnoi transport," 1959. [illegible] p.

RUSSIA (1923- U.S.S.R.) Armiia. General'nyi shtab. Voenno-topograficheskoe upravlenie. [Handbook of military topography] Spravochnik po voennoi topografii. Izd. 3., perer. i dop. Sost. P. IA. Gerasimov. Moskva, Voenizdat-vo M-va obor., SSSR, 1953. 137 columns.

[PHOTOCOPY]

RYBKIN, E. I. [War and politics] Voina i politika. Moskva, Voen. izd-vo M-va obor., SSSR, 1959. 144 p.

SAZONOV, A. L. [Electronic digital computers and their use on ocean going vessels] Elektronnye tsifrovye vychislitel'nye mashiny i ikh ispol'zovanie na morskikh sudakh. Leningrad, Izd-vo "Morskoi transport," 1960. 107 p.

SHCHEGOLEV, V. I. [Radio stations in harbors] Portovye radiostantsii [illegible] Leningrad, Izd-vo "Morskoi transport," 1960. [illegible] p.

STRUMPE, P. I., and others. [Over-all mechanization and automatization in the merchant marine] Kompleksnaia mekhanizatsiia i avtomatizatsiia na morskom transporte. Pod obshchei red. P. I. Strumpe. Moskva, Izd-vo "Morskoi transport," 1959. [illegible] p.

ZAGREBIN, V. V., and M. E. [illegible] [Industrial section on the introduction of new techniques in ship repair plants] Proizvodstvennyi uchastok po vnedreniiu novoi tekhniki na sudoremontnom zavode. Moskva, Izd-vo "Rechnoi transport," 1959. 10 p. (Obmen opytom)

ZHILOV, V. N. [Airplane armament] Oruzhie aviatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. [illegible] p. (Nauchno-populiarnaia biblioteka)

PART B. PERIODICALS

An asterisk (*) appearing before [illegible]

I. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin]. Baku, nos. 1, 3, Jan., Mar. 1959.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 23, no. 1, 1959.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 9, no. 9(90), Sep. 1953; vol. 16, no. 1(178), Jan. 1960.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 30, no. 5, May, 1960.

AKADEMIIA NAUK SSSR. Karel'skii filial, Petrozavodsk. Izvestiia Karel'skogo i Kol'skogo filialov [ACADEMY OF SCIENCES OF THE U.S.S.R. Karelian Branch. Bulletin of the Karelian and Kola Branches]. Petrozavodsk, no. 4, 1959.

AKADEMIIA NAUK SSSR. Karel'skii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Karelian Branch. Transactions]. Petrozavodsk, no. 15, 1958; no. 21, 1959.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Branch. Bulletin]. Novosibirsk, no. 12, 1959.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TADZHIK S.S.R. Transactions]. Stalinabad, vol. 89, 1958.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [ACADEMY OF SCIENCES OF THE TADZHIK S.S.R. Department of Social Sciences. Bulletin]. Stalinabad, no. 2(19), 1959.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin]. Ashkhabad, no. 6, 1959.

DZAUDZHIKAU. SEVERO-OSETINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Izvestiia [NORTH OSSETIAN SCIENTIFIC RESEARCH INSTITUTE. Bulletin]. Vol. 21, nos. 1-4, 1959.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records]. No. 271, 1959. Seriia iuridicheskikh nauk [Series in the Juridical Sciences], no. 11; no. 288, 1959. Seriia ekonomicheskikh nauk [Series in Economics], no. 9.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY Review]. Vol. 15, no. 8, 1960. Seriia istorii, iazyka i literatury [Series in History, Language, and Literature], no. 2; vol. 15, no. 10, 1960. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 2. [With summaries in English.]

MINSK. UNIVERSITET. Uchenye zapiski [UNIVERSITY Studies]. No. 50, 1959.

MOSCOW. GOSUDARSTVENNYI ZAOCHNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE CORRESPONDENCE PEDAGOGICAL INSTITUTE. Studies]. Vol. 1, no. 3, 1959.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 118, 1957; vol. 140, 1958.

MOSCOW. MOSKOVSKII OBLASTNOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW OBLAST PEDAGOGICAL INSTITUTE. Studies]. [illegible]

NOVYE KNIGI ZA RUBEZHOM [illegible]

SAMARKAND. UNIVERSITET. [illegible]

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA. [illegible]

VORONEZH. UNIVERSITET. [illegible] Transactions]. Vol. 49, [illegible]

b. POPULAR MAGAZINES

AMERIKA [illegible] [AMERICA ILLUSTRATED]. [illegible] Washington, [illegible]

BALTIMORE [illegible]

BARVINOK [PERIWINKLE]. [illegible]

BELARUS' [WHITE RUSSIA]. [illegible] Minsk, [illegible] White Russian.]

BELARUSKAIA MOLADZ' [illegible] [White Russian Youth] [illegible] New York, [illegible] White Russian.]

BIAROZKA [THE LITTLE BIRCH]. [illegible] White Russian.]

KAPKAN [illegible] Magazine]. [illegible]

KHORI [illegible] May 1960. [In [illegible]]

KITAI [CHINA]. [illegible] [People's Art]. Peking, nos. 21-24, [illegible] 1959; nos. 1-9, Jan.-May 1960.

KOSTER [CAMP FIRE]. [illegible] Committee of the All-Union Leninist Young Communist League and the Association of Writers of the U.S.S.R.]. Leningrad, no. 8, Aug. 1958; nos. 7-12, July-Dec. 1959; nos. 1-7, Jan.-July 1960.

KROKODIL [CROCODILE]. [illegible] paper]. Pravda. Moscow, nos. [illegible] May-June 1960.

[illegible]

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 13, no. 1, Jan. 1960. [In Ukrainian.]

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, nos. 11(93), 1957, no. 11(105), 1958, no. 3(121), 1960.

SOVREMENNYI VOSTOK [THE EAST TODAY]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, May 1960.

TOCHIKISTON [TADZHIKISTAN]. Stalinabad, vol. 4, no. 12, Dec. 1959, vol. 5, no. 4, Apr. 1960. [In Tajik.]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 1(256), 3(258) 4(259), Jan. Feb. 1960. [In Ukrainian.]

OZBEKISTON [UZBEKISTAN]. Tashkent, vol. 10, no. 10, Oct. 1959. [Parallel texts in Uzbek and Russian.]

VIETNAM [VIETNAM]. Hanoi, Vietnam, nos. 8 9(24 25) 10(26), 11 12(27 28), 1959, nos. 1(30) 2(31), 1960.

VOZHYK [HEDGEHOG]. Issued by Tsentral'ny Kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 20, nos. 10(198) 11(199), May June 1960. [In White Russian.]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha spilka [Ukrainian Publishers, Ltd.]. London, vol. 7(13), no. [illegible], May 1960. [In Ukrainian.]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhikh [All Russian Society of the Deaf]. Moscow, [illegible] nos. 1 6, Jan. June 1960.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of Tsentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All Russian Society of the Blind]. Moscow, [illegible] no. 10, Oct. 1959, vol. [illegible]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHIC LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by [illegible] biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, nos. [illegible]

KNIGI DLIA DETEI [illegible] BIBLIOGRAFII, rekomendatel'nyi [illegible] FOR CHILDREN [illegible] recommended list of literature [illegible] State Library of the [illegible] no. 3, 1958.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All Union Book Chamber]. Moscow, nos. [illegible]

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All Union Book Chamber]. Moscow, nos. 21 26, 1960, supplement [illegible] Jan. Mar. 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie, geologo-geograficheskie nauki, tekhnika i sel'skoe khoziaistvo; katalog [illegible] [PUBLIC LIBRARY. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physics and Mathematics, Chemical and Geological-Geographical Sciences, Technology and Agriculture; [illegible] Catalogs of Foreign Firms]. Nos. [illegible]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 2: Biological, Medical and Agricultural Sciences]. Nos. 15 [illegible]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura [PUBLIC LIBRARY. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences and Belles Lettres]. Nos. 15 16, 1960.

NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S.S.R.]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S.S.R.]. Kiev, nos. 9 10, May 1960. [In Ukrainian.]

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All Union Book Chamber]. Moscow, nos. 23 26, June 1960.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM: ekonomika, filosofiia, istoriia [NEW BOOKS ABROAD ON SOCIAL SCIENCES: Economics, Philosophy, History]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 1, no. 5, May 1960.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All Union Book Chamber]. Moscow, no. 6(58), 1959.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, nos. 1(40) 2(41), 1960.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]. Moscow, no. 1(11), 1960.

V POMOSHCH' CHITATELIU: annotirovannyi ukazatel' literatury [READERS' AIDS, an Annotated Bibliography]. Issued by [illegible] [State Central Library of the U.S.S.R.]. Moscow, no. 11, 1959.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA ZA RUBEZHOM [LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD]. Issued by [illegible] biblioteka [illegible] [illegible] State Library of the U.S.S.R.] [illegible]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Trudy [PUBLIC LIBRARY. [illegible]]. Vol. 3, 1959.

c. PRINTING & THE BOOK TRADE

NAUCHNO [illegible] POLIGRA[illegible] [illegible] SCIENTIFIC [illegible] OF PRINTING [illegible] MACHINE [illegible] Collected Papers]. Moscow, [illegible]

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING PRODUCTION]. Organ of Ministerstvo kul'tury SSSR [illegible] Moscow, [illegible]

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PRINTED MATTER]. Issued by Glavnoe upravlenie po rasprostraneniiu pechati [illegible] SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the [illegible]]. Moscow, no. [illegible] 1960.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of [illegible] knizhnoi [illegible] [All Union [illegible] Ministry of Culture of the U.S.S.R.]. Moscow, [illegible] 1960.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

KIEV. NAUKOVO-DOSLIDNYI INSTYTUT PSYKHOLOHII. Naukovi zapysky [KIEV. SCIENTIFIC RESEARCH INSTITUTE OF PSYCHOLOGY. Scientific Notes]. Vol. 10, 1959. [illegible]

NAUCHNYE DOKLADY VYSSHEI SHKOLY. Filosofskie nauki [SCIENTIFIC PAPERS OF HIGHER SCHOOLS. Philosophical Sciences]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. 4, 1959.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 5, 1960.

b. RELIGION

AKADEMIIA NAUK SSSR. Muzei istorii religii i ateizma. Ezhegodnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Museum of the History of Religion and Atheism. Annual]. Moscow, vol. 3, 1959.

BELYI LOTOS [WHITE LOTUS]. Burbank, Calif., no. 4, 1960.

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoiuznyi sovet evangel'skikh khristian baptistov [All Union Council of Evangelical Christians and Baptists]. Moscow, no. 2, 1959.

HOLOS SPASYTELIA [THE REDEEMER'S VOICE]. Issued by OO. Chyna Naisviatishoho Izbavytelia [Ukrainian Redemptorist Fathers]. Yorkton, Canada, no. 6, June 1960. [In Ukrainian.]

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, no. 1, Dec. 1959, nos. 1 2, Jan. Feb. 1960.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 4, Apr. 1960.

PRAVOSLAVNAIA RUS' [ORTHODOX RUSSIA]. Published by the Holy Trinity Monastery, Jordanville, N.Y., vol. [illegible], nos. 11(700) 13(702), June July 1960.

RUSSKO AMERIKANSKII PRAVOSLAVNYI VESTNIK [THE RUSSIAN AMERICAN ORTHODOX MESSENGER]. Organ of Mitropolichii okrug Russkoi pravoslavnoi Tserkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 56, no. 7, July 1960.

SVITLO [THE LIGHT]. Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol. 23, no. 7 8(251 252), July Aug. 1960. [In Ukrainian.]

UKRAINS'KE PRAVOSLAVNE SLOVO [UKRAINIAN ORTHODOX WORD]. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J., vol. 11, nos. 6 7, June July 1960. [In Ukrainian.]

VIRA I KUL'TURA [FAITH AND CULTURE]. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol. [illegible], no. 9(81), July 1960. [In Ukrainian.]

VOPROSY ISTORII RELIGII I ATEIZMA, sbornik statei [PROBLEMS OF RELIGION AND ATHEISM, collection of Articles]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1959.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK SSSR. Institut istorii. Srednie veka [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. The Middle Ages]. Moscow, no. 16, 1959.

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History]. Moscow, no. 4, 1959.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies. Brief Reports]. Moscow, no. 27, 1959.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i doklady nauchno-issledovatel'skoi [illegible] [INSTITUTE FOR THE STUDY OF THE U.S.S.R. Materials and Reports of the Research Department]. Munich, no. 11, Jan. 1960.

ISTORIIA SSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan. Feb. 1960.

[illegible]

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Gosudarstvennoe izdatel'stvo kul'turno-prosvetitel'noi literatury and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [State Publishing House of Cultural and Educational Literature and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. [illegible], nos. 1-[illegible], Jan.-Mar. [illegible].

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. Trudy [STATE HISTORICAL MUSEUM, Transactions], [illegible] 33, 1959.

NAUCHNYE DOKLADY VYSSHEI SHKOLY. Istoricheskie nauki [SCIENTIFIC PAPERS OF HIGHER SCHOOLS. Historical Sciences]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. [illegible], 1959.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1960.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.]. [illegible], vol. 3, no. 1, Jan.-Feb., 1960. [In Ukrainian.]

VIZANTIISKII VREMENNIK [BYZANTINE CHRONICLE]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 16, 1959.

b. ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History of Material Culture. Brief Communications of Reports and Field Explorations]. Moscow, no. [illegible], 1959.

AKADEMIIA NAUK URSR. Instytut arkheolohii. Korotki povidomlennia [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Archaeology. Brief Reports]. Kiev, no. [illegible], 1959.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH ON THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no. [illegible], 1960.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, [illegible].

8. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, [illegible], Jan.-Mar. 1960.

SOVETSKIE TOVARY. [illegible] [SOVIET GOODS. [illegible]]. Moscow, [illegible] 1960.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, [illegible], no. 2, Feb. 1960.

TORGOVLIA [illegible]. [illegible] Moscow, [illegible] 1960.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 30, [illegible] 1960.

b. ECONOMICS

AKADEMIIA NAUK SSSR. [illegible] [ACADEMY OF SCIENCES OF THE U.S.S.R. [illegible]]. Moscow, [illegible] 1959.

AKADEMIIA NAUK SSSR. [illegible] [ACADEMY OF SCIENCES OF THE U.S.S.R. [illegible]]. Moscow, [illegible].

BIULLETEN' [illegible] [illegible]

EKONOMIKA RADIANS'KOI UKRAINY [illegible] Akademii nauk URSR [illegible] Academy of Sciences of the Ukrainian S.S.R. [illegible] [In Ukrainian.]

EKONOMIKA [illegible] [illegible] Moscow, [illegible] 1960.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

c. FINANCE

[illegible]

d. LABOR

[illegible]

BIULLETEN' NAUCHNOI INFORMATSII. TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION. LABOR AND WAGES]. [illegible] Moscow, [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible] POLITICAL SCIENCE

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 34, nos. 1-5, Jan.-May 1960. [In White Russian.]

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma Ata, vol. 30, no. 5, May 1960. [In Kazakh.]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 17, no. 9, June 1960.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 35, no. 5, May 1960. [In Kirghiz.]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 34, nos. 1-2, Jan.-Feb. 1960.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 5, nos. 1-2, Jan.-Feb. 1960.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. [illegible], nos. 1-2, Jan.-Feb. 1960.

KOMMUNIST TADZHIKISTANA [COMMUNIST OF TADZHIKISTAN]. Issued by the Central Committee of the Communist Party of Tadzhikistan. Stalinabad, vol. [illegible], no. 6, June 1960. [In Tajik.]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. [illegible], nos. 1-2, Jan.-Feb. 1960. [In Ukrainian.]

LENINIAN UGHIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erevan, vol. [illegible], no. 5, May 1960. [In Armenian.]

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All Union Communist Youth League of Lenin]. Moscow, no. 1, Jan. 1960.

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. Nos. [illegible], May-June 1960.

NOVOE VREMIA [NEW TIME]. Moscow, [illegible] 22(304), Feb.-May 1960.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, [illegible] May-June 1960.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. [illegible] Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma Ata, vol. [illegible], nos. 1-2, Jan.-Feb. 1960.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi sovet. Vedomosti [Supreme Soviet Gazette]. Moscow, vol. 4, nos. 17(88) [illegible] 20(91) 22(93), May-June 1960.

RUSSIA (1923- U.S.S.R.) Verkhovnyi sovet. Vedomosti [Supreme Soviet Gazette]. Moscow, vol. 23, nos. 20(1004) 22(1006) 24(1008), May-June 1960.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by [illegible] gazeta [News paper] Izvestiia. Moscow, nos. 1-5, Jan.-May 1960.

SVOBODA [FREEDOM]. Organ of [illegible] politicheskikh emigrantov iz [illegible] [Association of Political Refugees from the U.S.S.R.]. Munich, vol. 2, [illegible], May [illegible].

UKRAINS'KE INFORMATSIINE BIURO. Visti [UKRAINIAN INFORMATION BUREAU. News]. Munich, no. 120, [illegible] 1959. [In Ukrainian.]

UKRAINS'KYI SAMOSTIINYK [UKRAINIAN INDEPENDENT]. Munich, vol. [illegible]; vol. 11, no. 5(43), May 1960. [In Ukrainian.]

V POMOSHCH' POLITICHESKOMU SAMOOBRAZOVANIIU [A MAGAZINE FOR POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 1, no. 1, Jan. 1960.

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, nos. 102-103, Nov.-Dec. 1959.

VISNYK [THE HERALD]. Organ of Orhanizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol. 11, no. 6(140), June 1960. [In Ukrainian.]

ZNAMIA ROSSII [THE BANNER OF RUSSIA]. Organ of Russkaia nezavisimaia monarkhicheskaia mysl' [Russian Independent Monarchistic Thought]. New York, no. 199, June 1960.

7. LAW

RADIANS'KE PRAVO [SOVIET LAW]. Issued by Ministerstvo iustytsii URSR, Prokuratura URSR, Verkhovnyi sud URSR, Sektor derzhavy i prava Akademii nauk URSR [Ministry of Justice of the Ukrainian S.S.R., the Public Prosecutor's Office of the Ukrainian S.S.R., the Supreme Court of the Ukrainian S.S.R., the Sector of State and Law of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, [illegible] 1959; no. 1, Jan.-Feb. 1960. [In Ukrainian.]

RUSSIA (1923- U.S.S.R.) Verkhovnyi sud. Biulleten' [Supreme Court Bulletin]. Moscow, no. 6, 1959; no. 1, 1960.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, vol. 17, no. 5, May 1960.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii i Verkhovnyi sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, no. 1, Jan. 1960.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports]. Moscow, no. 1, 1960.

DETSKII DOM [CHILDREN'S HOME]. Issued by TSentral'nyi [illegible] kabinet detskikh domov [Central Office of Scientific Methods for Children's Homes]. Moscow, [illegible] no. 4, 1959.

DOSHKIL'NE VYKHOVANNIA [PRESCHOOL EDUCATION]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 21, nos. 1-2, Jan.-Feb. 1960. [In Ukrainian.]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 33, nos. 2-3, Feb.-Mar. 1960.

[illegible]. Issued by TSK LKSM and Ministerstvo prosveshcheniia [illegible] [Central Committee of the All Union Communist Youth League of Lenin and the Ministry of Education of [illegible]]. [illegible], nos. 3(63) 4(64), 6(66) 8(68), 10(70) 12(72), 1957; nos. [illegible] 11(71) [illegible] 1(97) 4(100), [illegible]

KUL'TURNO-PROSVETITEL'NAIA RABOTA [CULTURAL AND EDUCATIONAL WORK]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 20, no. 12, Dec. 1959; vol. 21, no. 1, Jan. 1960.

MOSCOW. MOSKOVSKII GORODSKOI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [MOSCOW CITY PEDAGOGICAL INSTITUTE. Scientific Records]. Vols. 61, 71, 80, 84, 1958; vol. 97, 1959.

[illegible] [illegible] Ministerstvo [illegible] [Ministry of Education of the [illegible]]. Moscow, no. 6, Nov.-Dec. 1959.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 14, nos. 1-2, Jan.-Feb. 1960. [In Ukrainian.]

*SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 24, no. 2, Feb. 1960.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 18, nos. 5-6, May-June 1960.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All Union Communist Youth League of Lenin]. Moscow, vol. 35, nos. 8-12, Aug.-Dec. 1959; vol. 36, nos. 1-7, Jan.-July 1960.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 1-6, Jan.-June 1960.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 29, nos. 1(601)-12(612), Jan.-Dec. 1959; vol. 30, nos. 1(614)-6(619), Jan.-June 1960.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh obshchestv i organizatsii USSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, nos. 5, 9-12, May, Sep.-Dec. 1959; nos. 1-5, Jan.-May 1960. [In Ukrainian.]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, nos. 2(49)-12(59), Feb.-Dec. 1959; nos. 1(60)-6(65), Jan.-June 1960.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 1-6, Jan.-June 1960.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 37, nos. 1-6, Jan.-June 1960.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov RSFSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 4, nos. 1-5, Jan.-May 1960.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 1(50)-6(55), Jan.-June 1960.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sports, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 23, no. 1, 1960.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, no. 2, Feb. 1960.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, nos. 1-6, Jan.-June 1960.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 24(48), Dec. 1958; nos. 2(50), 8(56)-21(69), Feb.-Dec. 1959; nos. 1(73)-4(76), 6(78), 9(81)-10(82), Jan.-Mar., May 1960.

[illegible]

SOVETSKII FIL'M [SOVIET FILMS]. Issued by Vsesoiuznoe kinoob"edinenie [All-Union Cinema Association] "Soveksportfil'm." Moscow, no. 12, 1958; nos. 1-7, 9-12, 1959; nos. 1-5, 1960.

TEKHNIKA KINO I TELEVIDENIIA [MOTION PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 4, nos. 1-2, Jan.-Feb. 1960.

b. MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1960.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, nos. 19, 21-24, Oct.-Dec. 1959; nos. 1-12, Jan.-June 1960.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 24, no. 2, Feb. 1960.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi tsentral'nyi sovet professional'nykh soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 3, nos. 5-12, May-Dec. 1959; vol. 4, nos. 1-6, Jan.-June 1960.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Issued by "Molodaia gvardiia" ["Young Guard"]. Moscow, nos. 3(93)-6(96), 1959; nos. 1(97)-2(98), 1960.

NA DOPOMOHU KHUDOZHNII SAMODIIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection]. Kiev, no. 5(23), 1959; nos. 1(25)-3(27), 1960. [In Ukrainian.]

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 3, nos. 6(21), 10(25)-12(27), June, Oct.-Dec. 1959; vol. 4, nos. 1(28)-6(33), Jan.-June 1960.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 21, no. 2, Feb. 1960.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vserossiiskoe teatral'noe obshchestvo, and Orgkomitet Soiuza pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All-Russian Theater Society, and the Organization Committee of the Association of Writers of the R.S.F.S.R.]. Moscow, nos. 13, 21-24, July-Dec. 1959; nos. 1-10, Jan.-May 1960.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, nos. 5(18)-7(20), 9(22)-12(25), May-July, Sept.-Dec. 1959; nos. 1(26)-6(31), Jan.-June 1960.

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz khudozhnikov SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Artists of the U.S.S.R.]. Moscow, vol. 22, nos. 1-5, 1959; vol. 23, no. 1, 1960.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, nos. 6-7, 9-12, 1959; nos. 1-6, 1960.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1960.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, Spilka radians'kykh kompozytoriv and Spilka radians'kykh khudozhnykiv Ukrainy [Ministry of Culture of the Ukrainian S.S.R., Association of Soviet Composers, and Association of Soviet Artists of the Ukraine]. Kiev, vol. 6, nos. 4-6, July-Aug., Nov.-Dec. 1959. [In Ukrainian.]

SOVETAKAN ARVEST [SOVIET ART]. Organ of Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erevan, nos. 10-12, 1959; nos. 2-6, 1960. [In Armenian.]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, nos. 5-12, 1959; nos. [illegible], 1960.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and of the Association of Architects of the U.S.S.R.]. Moscow, nos. 1-5, 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; stroitel'stvo i arkhitektura [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Construction and Architecture]. Issue of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, nos. 8-9, 1959.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Organ of [illegible] Kiev, vol. 8, no. 1, Jan. 1960.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

AKADEMIIA NAUK KAZAKHSKOI SSR. [illegible] [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. [illegible]] [illegible]

LENINGRAD. UNIVERSITET. [illegible] [LENINGRAD UNIVERSITY. [illegible]] [illegible]

MOSCOW. [illegible] [MOSCOW. [illegible] PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES [illegible]] Vol. 11, 1958.

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN THE NATIONAL SCHOOLS]. [illegible] Moscow, [illegible]

[illegible] Washington, D.C. [illegible]

TBILISI. UNIVERSITET. [illegible] [TBILISI UNIVERSITY. [illegible]] [illegible] [In Georgian.]

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS]. [illegible] Kiev, [illegible] [In Ukrainian.]

b. LITERATURE & FOLKLORE

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Baku. Institut literatury i iazyka. [illegible] [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Literature and Language. [illegible]]. Baku, vol. 7, 1954. [In Azerbaijani.]

AKADEMIIA NAUK GRUZINSKOI SSR. Tbilisi. Institut istorii gruzinskoi literatury. [illegible] [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of the History of Georgian Literature. Literary Research]. Vol. 11, 1958. [In Georgian.]

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie literatury i iazyka [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Literature and Language]. Moscow, vol. 18, no. 6, Nov.-Dec. 1959.

ALA-TOO; literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Sociopolitical Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirgizia and the Ministry of Culture of the Kirgiz S.S.R.]. Frunze, [illegible] nos. 5-6, May-June 1960. [In Kirgiz.]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

KRYM, literaturno-khudozhestvennyi al'manakh [CRIMEA, Literary Almanac]. Issued by Krymskoe otdelenie Soiuza pisatelei Ukrainy [Crimean Branch of the Association of Writers of the Ukraine]. Simferopol', nos. 16-17, 1959.

KUBAN'; literaturno-khudozhestvennyi al'manakh [KUBAN, Literary Almanac]. Issued by Krasnodarskoe kraevoe otdelenie Soiuza pisatelei RSFSR [Krasnodar Territory Branch of the Association of Writers of the R.S.F.S.R.]. Krasnodar, no. [illegible], Jan. 1959.

LENINGRADSKII AL'MANAKH [LENINGRAD ALMANAC]. Issued by Leningradskoe otdelenie Soiuza pisatelei SSSR [Leningrad Branch of the Association of Writers of the U.S.S.R.]. Leningrad, nos. 15-16, 1958-1959.

LITERATURA SLAVIANSKIKH NARODOV [LITERATURE OF SLAVIC PEOPLES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1959.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 21, nos. 1-3, Jan.-June 1960.

LITERATURA V SHKOLI [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia Ukrainskoi SSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 9, no. 6, Nov.-Dec. 1959; vol. 10, nos. 1-3, Jan.-June 1960. [In Ukrainian.]

LITERATURNA ODESA [LITERARY ODESSA]. Issued by Odes'ka oblasna spilka radians'kykh pys'mennykiv Ukrainy [Odessa Branch of the Association of Soviet Writers of the Ukraine]. Odessa, no. 22, 1958; no. 23, 1959. [In Ukrainian.]

LITERATURNAIA ARMENIIA [LITERARY ARMENIA]. Organ of Soiuz pisatelei Armenii [Association of Soviet Writers of Armenia]. Erevan, no. 1, Jan.-Feb. 1960.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, nos. 6-12, June-Dec. 1959; nos. 1-5, Jan.-May 1960.

LITERATURNAIA MORDOVIIA, literaturno-khudozhestvennyi al'manakh [LITERARY MORDOVIA, Literary Almanac]. Issued by Soiuz pisatelei Mordovskoi ASSR [Association of Writers of the Mordovian A.S.S.R.]. Saransk, no. 19(18), 1957.

LITERATURNAIA VOLOGDA [LITERARY VOLOGDA]. Published by Vologodskoe knizhnoe izdatel'stvo [Vologda Book Publishing House]. Vologda, nos. 3-4, 1957-1958.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIDZHAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaidzhan]. Baku, vol. 10, no. 6, June 1959; vol. 12, nos. [illegible]-12, [illegible] Dec. 1959; vol. 10, nos. 1-6, Jan.-[illegible].

LITERATURNYI SEVER, literaturno-khudozhestvennyi al'manakh [THE LITERARY NORTH, Literary Almanac]. Issued by Arkhangel'skoe otdelenie Soiuza pisatelei RSFSR [Arkhangel'sk Branch of the Association of Writers of the R.S.F.S.R.]. Arkhangel'sk, no. 2, 1959.

LITERATURNYI TADZHIKISTAN [LITERARY TADZHIKISTAN]. Published by Soiuz pisatelei Tadzhikistana [Association of the Writers of Tadzhikistan]. Stalinabad, vol. 1(13), Jan.-Mar. 1959.

MOLODAIA GVARDIIA, literaturnyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD, Literary and Socio-political Magazine]. Issued by Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Leninist Communist Youth League]. Moscow, nos. 6-7, 9-12, June-July, Sep.-Dec. 1959; nos. 1-5, Jan.-May 1960.

MOSCOW. UNIVERSITET. Vestnik. Istoriko-filologicheskaia seriia [UNIVERSITY. Herald. Historical and Philological Series]. Vol. 14, no. 4, 1959.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei SSSR and Moskovskoe otdelenie Soiuza pisatelei SSSR [Association of Writers of the U.S.S.R. and the Moscow Branch of the Association of Writers of the U.S.S.R.]. Moscow, vol. 3, no. 12, 1959.

NA BEREGAKH VELIKOI, pskovskii literaturnyi al'manakh [ON THE BANKS OF THE VELIKAIA RIVER. Pskov Literary Almanac]. Pskov, no. 13, 1958.

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz sovetskikh pisatelei Karelo-Finskoi SSR [Association of Soviet Writers of the Karelo-Finnish S.S.R.]. Petrozavodsk, vol. 20, nos. 5-6, May-Dec. 1959; vol. 21, nos. 1-3, Jan.-[illegible] 1960.

NA SEVERE DAL'NEM; literaturno-khudozhestvennyi al'manakh [IN THE FAR NORTH, Literary Almanac]. Magadan, no. 1, 1955; no. 1(13), 1959.

NAROCH, litaraturna-mastatski al'manakh [NAROCH, Literary Almanac]. Issued by Maladzechanskae abllasnoe litaraturnae ab'iadnanne [Molodechno Province Literary Association]. Molodechno, vol. 3, 1958. [In White Russian.]

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vols. 2-3, 5-6, 1959; vols. 1-[illegible], 1960.

NEMAN [NEMAN RIVER]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 9, nos. 1, 3, Jan.-Feb., May-June 1960. [Formerly: "Sovetskaia Otchizna".]

NEVA. Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 12, 1959; no. 2, 1960.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 29, nos. 1-6, 1960. [In Moldavian.]

NOVAIA VOLGA, literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [NEW VOLGA, Literary and Socio-political Almanac]. Issued by Saratovskoe otdelenie Soiuza pisatelei SSSR [Saratov Branch of the Association of Writers of the U.S.S.R.]. Saratov, vols. 22-26, 1957-1959.

NOVGOROD; literaturno-khudozhestvennyi sbornik [NOVGOROD, Literary Almanac]. No. 8, 1959.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 35, nos. 11-12, Nov.-Dec. 1959; vol. 36, nos. 1-3, Jan.-Mar. 1960.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vol. 37, nos. 1-3, Jan.-Mar. 1960.

POD'EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei SSSR [Voronezh Branch of the Association of Writers of the U.S.S.R.]. Voronezh, no. 1, Jan.-Feb. 1957; nos. 1-6, May-Dec. 1959; nos. 1-3, Jan.-June 1960.

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 12, no. 12, Dec. 1959; vol. 13, nos. 1-6, Jan.-June 1960. [In White Russian.]

PRAPOR, literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Socio-political Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 12, Dec. 1959; nos. 1-5, Jan.-May 1960. [In Ukrainian.]

PRIKAM'E [KAMA VALLEY]. Almanac of Permskoe otdelenie Soiuza pisatelei [Perm Branch of the Association of Writers]. Perm, no. 23, 1957; nos. 24-25, 1958; no. 26, 1959.

PROSTOR [WIDE OPEN SPACE]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 26, nos. 2-6, Feb.-June 1960. [Formerly: "Sovetskii Kazakhstan".]

RUSSKAIA LITERATURA [RUSSIAN LITERATURE]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Leningrad, no. 4, 1959; nos. 1-2, 1960.

SHARK IULDUZI [STAR OF THE EAST]. Organ of Association of Soviet Writers of Uzbekistan. Tashkent, vol. 28, nos. 5-6, May-June 1960. [In Uzbek.]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza sovetskikh pisatelei [Novosibirsk Branch of the Soviet Writers' Association]. Novosibirsk, vol. 38, nos. 5-6, 8-12, May-June, Aug.-Dec. 1959; vol. 39, nos. 1, 3-5, Jan., Mar.-May 1960.

SOVETSKAIA OTCHIZNA [SOVIET FATHERLAND]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 8, nos. 4-6, July-Dec. 1959.

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, nos. 1-2, Jan.-Feb. 1960.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol. 9, nos. 7-9, 11-12, July-Sep., Nov.-Dec. 1959; vol. 10, no. 1, Jan. 1960.

SOVETSKII KAZAKHSTAN [SOVIET KAZAKHSTAN]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 26, no. 12, Dec. 1959.

SOVREMENNAIA DRAMATURGIIA [CONTEMPORARY DRAMATURGY]. Published by Gosudarstvennoe izdatel'stvo [State Publishing House] "Iskusstvo." Moscow, vols. 13-16, 1959.

STAVROPOL'E; literaturno-khudozhestvennyi al'manakh [STAVROPOL' LIFE, Literary Almanac]. Issued by Stavropol'skoe kraevoe otdelenie Soiuza sovetskikh pisatelei [Stavropol' Territorial Branch of the Association of Soviet Writers]. Stavropol', vols. 16-17, 1957; vol. 20, 1959.

STEPNYE OGNI [STEPPE LIGHTS]. Issued by Orenburgskoe otdelenie Soiuza pisatelei RSFSR [Orenburg Branch of the Association of Writers of the R.S.F.S.R.]. Orenburg, vol. 10, 1959.

SVET NAD BAIKALOM [LIGHT OVER THE BAIKAL]. Organ of Soiuz pisatelei i Ministerstva kul'tury Buriat-Mongol'skoi ASSR [Association of Writers and the Ministry of Culture of the Buriat-Mongolian A.S.S.R.]. Ulan-Ude, nos. 5-6, Sep.-Dec. 1959; nos. 1-2, Jan.-Apr. 1960.

TĂVAN ATĂL [NATIVE VOLGA]. Published by the Association of Soviet Writers of Chuvashia. Cheboksary, no. 3, May-June 1960. [In Chuvash.]

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei SSSR [Sverdlovsk Branch of the Association of Writers of the U.S.S.R.]. Sverdlovsk, nos. 6-8, 10-11, June-Aug., Oct.-Nov. 1959; nos. 1-6, Jan.-June 1960.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 28, nos. 1-5, 7, Jan.-May, July 1960. [In Ukrainian.]

VLADIMIR; literaturno-khudozhestvennyi sbornik [VLADIMIR; Literary Magazine]. Published by Vladimirskoe knizhnoe izdatel'stvo [Vladimir Book Publishing House]. Vladimir, vol. 7, 1959.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Issued by Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, nos. 1-2, Jan.-Feb. 1960.

XVIII VEK [THE 18th CENTURY]. Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1959.

VSESVIT [THE WORLD]. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo kul'turnoho zv'iazku z zakordonom [Association of Writers of the Ukraine and the Ukrainian Society for Cultural Relations with Foreign Countries]. Kiev, nos. 3(9), 7(13), 8(14), 10(16), 12(18), 1959; nos. 1(19)-5(23), 1960. [In Ukrainian.]

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 9, nos. 11-12, Nov.-Dec. 1959; vol. 10, nos. 1-4, Jan.-Apr. 1960. [In Ukrainian.]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 30, nos. 1-3, Jan.-Mar. 1960.

ZVEZDA [THE STAR]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, nos. 11-12, Nov.-Dec. 1959.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 27, nos. 4-12, Apr.-Dec. 1959; vol. 28, nos. 1-5, Jan.-May 1960.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol. 53, 1959; vol. 55, 1960.

AKADEMIIA NAVUK BSSR, Minsk. Instytut mastatstvaznaustva, etnagrafii i fal'kloru. Pratsy [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Art, Ethnography, and Folklore. Transactions]. Minsk, no. 1, 1958. [In White Russian.]

b GEOGRAPHY

AKADEMIIA NAUK SSSR. Institut geografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Geography. Transactions]. Moscow, vol 77, 1959.

AKADEMIIA NAUK SSSR. Institut okeanologii Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol. 30, 1959.

AKADEMIIA NAUK SSSR. Morskoi gidrofizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Marine Hydrophysical Institute. Transactions]. Moscow, vols. 16, 18, 1959.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Kirgizskii filial. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Kirghiz Branch Bulletin]. Frunze, no. 1, 1959.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS] Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 23, no. 1, Jan.-Feb. 1960

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE Transactions]. No. 77, 1960.

MINSK. UNIVERSITET. Geograficheskii fakul'tet Trudy [UNIVERSITY. Geographical Faculty. Transactions]. No. 2, 1958.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE. Transactions]. No. 46, 1959.

MOSCOW. UNIVERSITET Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [UNIVERSITY. Geographical Faculty Information on the Work of the Geographical Faculty of Moscow State University for the International Geophysical Year] No 3, 1958

PROBLEMY ARKTIKI [PROBLEMS OF THE ARCTIC]. Issued by Arkticheskii nauchno-issledovatel'skii institut [Arctic Scientific Research Institute]. Leningrad, no. 5, 1958

REFERATIVNYI ZHURNAL GEOGRAFIIA [JOURNAL OF ABSTRACTS GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 5, May 1960

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no. 2, Feb. 1960.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 21, 1960.

AKADEMIIA NAUK SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission for the Study of the Quaternary Period. Transactions]. Moscow, vol. 15, 1959.

AKADEMIIA NAUK SSSR. Laboratoriia vulkanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory of Volcanology. Transactions]. Moscow, no. 17, 1959.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]. Sverdlovsk, no. 41, 1959.

AKADEMIIA NAUK SSSR. Zapadno-Sibirskii filial. Novosibirsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. West-Siberian Branch. Institute of Mine Geology. Transactions]. Novosibirsk, no. 17, 1956.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]. Kiev, no. 28, 1959. [MICROFILM]

*GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1959. [With summaries in English.]

GEOLOGICHESKAIA LITERATURA SSSR [GEOLOGICAL LITERATURE OF THE U S S R.] Issued by Vsesoiuznaia geologicheskaia biblioteka [All-Union Geological Library]. Moscow, no 2, 1958

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Informatsionnyi biulleten' [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY Information Bulletin] No. 13, 1959.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY Transactions], vols. 91 [Microfilm], 96, 98, 105, 1959

REFERATIVNYI ZHURNAL GEOLOGIIA [JOURNAL OF ABSTRACTS GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-11, Oct.-Nov. 1959.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 2, nos. 11-12, Nov.-Dec. 1959

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 5, 1959.

13. SCIENCE

a GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports] Baku, vol 10, nos. 2-3, 1954.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports] Moscow, vol. 132, nos. 3-4, May-June 1960.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 28, 1959.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Doklady [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Reports]. Tashkent, no. 12, 1959.

MOSCOW. UNIVERSITET. Vestnik. Seriia matematiki, mekhaniki, astronomii, fiziki, khimii [UNIVERSITY. Review. Series in Mathematics, Mechanics, Astronomy, Physics, Chemistry]. Vol. 14, no. 3, 1959.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 27, no. 1, Jan. 1960.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 9(66), Sep. 1956; vol. 8, nos. 2(83), 4(85), 11(92), Feb., Apr., Nov. 1958. [In Ukrainian.]

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW BOOKS ABROAD. Series A Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature] Moscow, vol. 13, nos. 1-2, Jan.-Feb. 1960.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 49, no. 5, May 1960.

*ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 35, nos. 1-2, Jan.-Feb. 1960.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, nos. 1(239)-2(240), Jan.-Feb. [In Ukrainian.]

b. ASTRONOMY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Sektor astrobotaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Sector of Astrobotany. Transactions]. Alma-Ata, vol. 7, 1959.

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R Astronomical Council Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]. Moscow, no. 7, 1959; no. 1(11), 1960

AKADEMIIA NAUK SSSR Institut teoreticheskoi astronomii Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy Bulletin] Leningrad, vol. 7, no. 7(90), 1960

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad Institut astrofiziki Biulleten' [ACADEMY OF SCIENCES OF THE TAJIK S.S.R. Astrophysical Institute Bulletin]. Stalinabad, nos. 25-27, 1958-1959.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY] Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva vnutrennykh del SSSR [Main Administration of Geodesy and Cartography of the Ministry of Interior of the U.S.S.R.]. Moscow, no. 12, Dec. 1959.

LVOV. UNIVERSYTET. Astronomichna observatoriia TSirkuliar [UNIVERSITY. Astronomical Observatory Circular]. No. 25, 1953.

METEORITIKA [METEORITICS]. Issued by Komitet po meteoritam Akademii nauk SSSR [Committee on Meteorites of the Academy of Sciences of the U.S.S.R. Moscow, no. 18, 1960.

MOSCOW. INSTITUT INZHENEROV GEODEZII, AEROFOTOS"EMKI I KARTOGRAFII. Trudy [INSTITUTE FOR ENGINEERS IN GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. [illegible] 35, 1959.

PEREMENNYE ZVEZDY [VARIABLE STARS]. Issued by Astronomicheskii sovet Akademii nauk SSSR [Astronomical Council of the Academy of Sciences of the U.S.S.R.] Moscow, vol 12, no 1(07), Sep 1957. [Publ. 1959.]

PULKOVO. ASTRONOMICHESKAIA OBSERVATORIIA Izvestiia [ASTRONOMICAL OBSERVATORY. Bulletin]. Leningrad, vol. 19, no. 6(153), vol 20, [illegible] 1955; vol. 20, nos. 2(155), 3(156), 1956, vol. 20, [illegible] 1958.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 5, May 1960.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan Izvestiia Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences] Erivan, vol. 12, no. 11, Nov. 1959.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata Izvestiia. Seriia botaniki i pochvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R Bulletin. Series in Botany and Soil Science] Alma-Ata, no. 3, 1958; no. 2(5), 1959.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Botany. Transactions] Alma-Ata, vol. 7, 1959.

AKADEMIIA NAUK SSSR. Institut biologii vodokhranilishch. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Biology of Reservoirs. Transactions]. Moscow, no. 2(5), 1959.

AKADEMIIA NAUK SSSR. Institut fiziologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physiology. Transactions], Moscow, vol. 8, 1959.

AKADEMIIA NAUK SSSR. Zoologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Zoological Institute. Transactions]. Moscow, vol. [illegible]

AKADEMIIA NAUK URSR, Kiev. Botanichnyi sad. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Botanical Garden. Transactions]. Kiev, vol. 6, 1959. [In Ukrainian.]

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S. S R.]. Moscow, vol 37, no 12, Dec 1959. [With summaries in English]

*BIOKHIMIIA [BIOCHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U S S. R]. Moscow, vol 24, no 6, Nov.-Dec. 1959 [With summaries in English]

BIOLOGIIA V SHKOLE [BIOLOGY IN SCHOOLS] Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.] Moscow, no 1, Jan - Feb. 1960

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 45, no 1, Jan 1960

*FIZIOLOGICHESKII ZHURNAL SSSR [PHYSIOLOGICAL JOURNAL OF THE U. S S. R.]. Issued by Vsesoiuznoe obshchestvo fiziologov, biokhimikov i farmakologov [All-Union Society of Physiologists, Biochemists, and Pharmacologists] Moscow, vol 45, no 11, Nov. 1959; vol. 46, no. 1, Jan 1960 [With summaries in English.]

FIZIOLOGICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL]. Issued by Instytut fiziologii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S S. R]. Kiev, vol 6, no. 1, Jan.-Feb. 1960. [In Ukrainian with summaries in Russian and English.]

*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no 1, 1960. [With summaries in English]

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 1-3, Jan.-Mar. 1960.

KARADAGS'KA BIOLOGICHNA STANTSIIA. Trudy [KARADAG BIOLOGICAL STATION. Transactions]. Kiev, no. 15, 1959.

*MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S S. R]. Moscow, vol 29, no 1, Jan.-Feb. 1960. [With summaries in English.]

MOSCOW. GLAVNYI BOTANICHESKII SAD, Pushkinskoe. Trudy [MAIN BOTANICAL GARDEN. Transactions]. Vol. 6, 1959.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section] Moscow, vol. 64, no 6, Nov -Dec 1959

PROBLEMY FIZIOLOGICHESKOI AKUSTIKI [PROBLEMS OF PHYSIOLOGICAL ACOUSTICS]. Issued by Institut fiziologii im. I. P. Pavlova Akademii nauk SSSR [I. P. Pavlov Physiological Institute of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 4, 1959.

REFERATIVNYI ZHURNAL: BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 9-10, May 1960.

REFERATIVNYI ZHURNAL: KHIMIIA, BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, June 1960.

SUKHUM. BOTANICHESKII SAD. Trudy [BOTANICAL GARDEN. Transactions]. No. 11, 1958. [With summaries in English.]

TSITOLOGIIA [CYTOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no 1, Jan.-Feb. 1960.

UKRAINS'KYI BIOKHIMICHNYI ZHURNAL [UKRAINIAN BIOCHEMICAL JOURNAL]. Published by Instytut biokhimii Akademii nauk URSR [Institute of Biochemistry of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 31, no. 6, 1959. [In Ukrainian with summaries in Russian.]

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademiia nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 16, no. 6, 1959. [In Ukrainian with summaries in Russian and English.]

USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 48, no. 3(6), Nov.-Dec. 1959.

VOPROSY ISTORII ESTESTVOZNANIIA I TEKHNIKI [PROBLEMS OF THE HISTORY OF NATURAL SCIENCES AND TECHNOLOGY] Issued by Institut istorii estestvoznaniia i tekhniki Akademii nauk SSSR [Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 7-8, 1959.

VOPROSY MORFOLOGII PERIFERICHESKOI NERVNOI SISTEMY [PROBLEMS OF THE MORPHOLOGY OF THE PERIPHERAL NERVOUS SYSTEM]. Issued by Instytut fiziialogii Akademii navuk BSSR and Minskii gosudarstvennyi meditsinskii institut [Institute of Physiology and the Academy of Sciences of the White Russian S. S. R. and the Minsk State Medical Institute]. Minsk, no. 4, 1958.
(DNLM)

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 19, no. 1, Jan.-Feb., 1960. [With summaries in English.]

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S R.] Moscow, vol. 2, no 6, Nov -Dec. 1957 [With summaries in English.]

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 21, no. 1, Jan.-Feb., 1960. [With summaries in [English.]

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 38, no. 12, Dec. 1959, vol. 39, no. 1, Jan. 1960 [With summaries in English]

d. CHEMISTRY

AKADEMIIA NAUK SSSR. Institut fizicheskoi khimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Physical Chemistry. Transactions]. Moscow, no. 7, 1959.

GIDROKHIMICHESKIE MATERIALY [MATERIALS IN HYDROCHEMISTRY]. Issued by Gidrokhimicheskii institut (Novocherkassk) Akademii nauk SSSR [Hydrochemical Institute (in Novocherkassk) of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 29, 1959

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R S. F. S. R.]. Moscow, vol. 15, no. 1, Jan -Feb. 1960.

RADIOKHIMIIA [RADIOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 6, 1959.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 25, no. 6, 1959, vol. 26, no. 1, 1960.

VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, nos 11-12, Nov.-Dec 1959; vol 2, no. 1, Jan., 1960. [With summaries in English]

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol 15, no 1, Jan.-Feb. 1960. [With summaries in English.]

*ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 34, no. 1, Jan. 1960. [With summaries in English.]

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 5, no. 1, Jan. 1960.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 30, no. 5, May 1960.

e. MATHEMATICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia matematiki i mekhaniki [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series in Mathematics and Mechanics] Alma-Ata, no. 8(12), 1959.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS] Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 1, Jan.-Feb. 1960.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S R] Moscow, no 5, May 1960.

f. PHYSICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Astrophysical Institute. Bulletin] Alma-Ata, vol. 9, 1960.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U. S S. R. Bulletin. Physical Series]. Moscow, vol 24, nos. 2, 5, Feb , May 1960.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. Trudy [ACADEMY OF SCIENCES OF THE U. S. S R. Institute of Physics of the Earth. Transactions]. Moscow, nos. 4(171), 6(173), 1959.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R Bulletin. Series in Physical and Mathematical Sciences]. Tashkent, no. 5, 1959

ALMA-ATA. KAZAKHSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [KAZAKH SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Leningrad, no. 12, 1959.

FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, no. 12, Dec. 1959.

ISKUSSTVENNYE SPUTNIKI ZEMLI [ARTIFICIAL EARTH SATELLITES] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R]. Moscow, nos. 4-5, 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; radiofizika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Radio Physics]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U. S. S. R.]. Moscow, vol. 2, no. 5, 1959.

KIEV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [UKRAINIAN SCIENTIFIC RESEARCH HYDROMETEOROLOGICAL INSTITUTE. Transactions]. No. 10, 1959.

LENINGRAD. GLAVNAIA GEOFIZICHESKAIA OBSERVATORIIA. Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 92, 1959; no. 94, 1960.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROMETEOROLOGICHESKOGO PRIBOROSTROENIIA. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF HYDROMETEOROLOGICAL INSTRUMENT MAKING. Transactions]. No. 7, 1959.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY] Organ of Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U. S. S. R.]. Leningrad, no. 5, May 1960.

MINSK. GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY. Collected Papers] No. 2, 1959.

ODESSA. GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL INSTITUTE. Transactions]. Nos. 18-19, 1959.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS. PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1960; author index, 1958.

B 13f-15a

REFERATIVNYI ZHURNAL· GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, June 1960

TIFLIS. NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Leningrad, no. 6, 1959.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 71, no. 1, May 1960.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 37, no. 4(10), Oct. 1959. [With summaries in English.]

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut terapii Gipertonicheskaia bolezn' [ACADEMY OF MEDICAL SCIENCES OF THE U. S. S R. Institute of Therapeutics. Hypertension]. Moscow, no 5, 1958

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehiiie naziriiii [Azerbaijan Ministry of Health]. Baku, nos. 1-2, Jan.-Feb. 1960. [In Russian or Azerbaijani]

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 48, nos 11-12, Nov.-Dec. 1959. [With summaries in English]

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A. S. S. R. and the Council of Medical Societies]. Kazan, vol. 40, no. 6, Nov.-Dec. 1959.

MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 4, no. 12, Dec. 1959. [With summaries in English]

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, Razdel [Section] 1, vol. 4, nos. 5-6, May-June 1960; Razdel [Section] 3, vol. 4, no. 7, July 1960, Razdel [Section] 4, vol. 4, no. 6, June 1960; Razdel [Section] 6, vol. 4, no. 6, June 1960; Razdel [Section] 7, vol. 4, nos 5-6, May-June 1960; Razdel [Section] 8, vol. 4, nos 5-6, May-June 1960; Razdel [Section] 9, vol. 4, nos. 5-6, May-June 1960; Razdel [Section] 10, vol 4, nos. 6-7, June-July 1960.

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 5, nos. 5-6, Sep.-Dec. 1959. [With summaries in English.]

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 19, no. 2, 1960.

SUDEBNO-MEDITSINSKAIA EKSPERTIZA [MEDICO-LEGAL EXAMINATION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 2, no. 4, Oct.-Dec. 1959; vol. 3, no. 1, Jan.-Mar. 1960.

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 34, no. 6, Nov.-Dec. 1959.

VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Glavnoe voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Main Military-Medical Administration of the Ministry of Defense of the U. S. S. R.]. Moscow, no. 2, Feb. 1960. [PHOTOCOPY]

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R]. Kiev, no. 12, Dec. 1959

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S. S. R.] Moscow, vol 6, nos 2(62)-3(63), Feb-Mar 1960

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA] Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S. S R]. Minsk, vol 6, nos 1, 3, Jan, Mar 1960

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S F. S. R.] Moscow, vol 4, nos. 1-3, Jan-Mar. 1960

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S. S. R.]. Stalinabad, vol. 7, no. 1, Jan.-Feb. 1960.

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S. S R.]. Ashkhabad, vol. 3, no. 6(18), Nov.-Dec. 1959.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 30, no. 12, Dec. 1959, vol. 31, no. 1, Jan. 1960. [With summaries in English.]

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 37, no. 12, Dec. 1959.

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 5, no. 1, Jan.-Feb., 1960.

d OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, vol. 15, nos. 1, 2, 1960. [With summaries in English.]

VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 72, no. 6, Nov.-Dec. 1959.

e. PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U. S. S. R.]. Moscow, vol. 21, no 7, 1959.
(DNLM)

PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 4, no. 1, Jan.-Feb. 1960. [With summaries in English.]

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 25, no. 1, 1960.
(DNLM)

f. PHARMACY & MATERIA MEDICA

*FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 22, no. 6, Nov.-Dec. 1959. [With summaries in English.]

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S R.]. Moscow, vol 14, nos 1-2, Jan.-Feb. 1960.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S S. R. Moscow, vol 6, no. 1, Jan.-Feb 1960. [With summaries in English.]

g PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, no. 2, Feb. 1960.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 25, no 1, Jan. 1960.

LENINGRAD. SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Vol. 43, 1959.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R]. Moscow, vol. 19, nos 1-3, Jan-Mar 1960

h SURGERY & DENTISTRY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut klinicheskoi i eksperimental'noi khirurgii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Clinical and Experimental Surgery. Transactions]. Alma-Ata, vol. 5, 1959.
(DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 20, no. 12, Dec. 1959.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 83, no. 12, Dec. 1959. [With summaries in English.]

15. AGRICULTURE

a. GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Organ of Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V I Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no 1(121), Jan.-Feb 1960

AKADEMIIA NAUK URSR, Kiev. Viddil sil's'kohospodars'kykh nauk. Naukovi pratsi [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Department of Agricultural Sciences. Scientific Papers]. Kiev, no. 2, 1954; no. 3, 1955. [In Ukrainian.]

BIULLETEN' NAUCHNO-TEKHNICHESKOI INFORMATSII PO MEKHANIZATSII SEL'SKOGO KHOZIAISTVA [BULLETIN OF SCIENTIFIC AND TECHNICAL INFORMATION ON THE MECHANIZATION OF AGRICULTURE]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva [All-Union Scientific Research Institute of the Mechanization of Agriculture]. Moscow, no. 1/2, 1957.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 12, no. 1, Jan 1960.

KAZAKHSKAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [KAZAKH ACADEMY OF AGRICULTURAL SCIENCES. Institute of Mechanization and Electrification of Agriculture. Transactions]. Alma-Ata, vol. 3, 1959.

K̇AZAKSTANNYṄ AU̇YL SHARU̇ASHYLYĠY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 5, May 1960 [In Kazakh.]

KHOČHAGII K̇ISHLOK̇I TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S. S. R. Stalinabad, vol 14, no 5 May 1960. [In Tajik.]

KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. Dopovidi [UKRAINIAN ACADEMY OF AGRICULTURAL SCIENCES. Reports]. Vol. 3, no. 1, Jan.-Feb. 1960. [In Ukrainian.]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S S.R]. Kiev, vol 7, nos. 1(65)-6(70), Jan -June 1960. [In Ukrainian]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S S.R.]. Moscow, vol. 19, no 12, Dec. 1959, vol 20, nos. 1-6, Jan. -June 1960.

KREST'IANKA [THE PEASANT WOMAN] Published by Izd-vo [Publishing House] "Pravda " Moscow, vol 38, nos 7-9, 11-12, July-Sep , Nov.-Dec. 1959; vol. 38, nos. 1-6, Jan. -June 1960.

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol 26, nos 10-12, Oct -Dec. 1959, vol. 27, nos. 1-5, Jan. - May 1960.

MOSKOVSKII KOLKHOZNIK [MOSCOW COLLECTIVE FARMER] Issued by Moskovskoe oblastnoe upravlenie sel'skogo khoziaistva [Moscow Province Administration of Agriculture] Moscow, vol. 8, no. 12(92), Dec 1959, vol. 9, no 1(93), Jan 1960

*POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S S.R.] Moscow, no. 1, Jan. 1960 [With summaries in English]

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki BSSR and Ministerstvo souhasau BSSR [Ministry of Agriculture of the White Russian S S R. and the Ministry of State Farms of the White Russian S S R.] Minsk, vol. 7, no. 8(80), Aug 1959. [In White Russian.]

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S S.R.]. Moscow, nos. 1-2, 1960.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki BSSR [Ministry of Agriculture of the White Russian S S R] Minsk, vol 8, nos 1(85)-4(88), 6(90), Jan -Apr June 1960

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S R]. Alma-Ata, vol 7, nos 11-12, Nov -Dec. 1959, vol. 7, nos. 1-6, Jan.-June 1960.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA] Organ of Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S S.R.] Frunze, vol 5, no. 12, Dec. 1959, vol 6, nos. 1-6, Jan. -June 1960.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Saratov, vol 5, no 12, Dec. 1959, vol. 6, nos. 1-2, 4-5, Jan.-Feb., Apr. -May 1960.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 2, no. 12, Dec 1959; vol. 3, nos. 1-4, 6, Jan.-Apr., June 1960.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, no. 12, Dec. 1959, nos. 1-6, Jan. -June 1960.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Omsk, no. 12, Dec. 1959, nos. 1-6, Jan. -June 1960

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S R.]. Stalinabad, vol. 13, nos. 8, 11-12, Aug , Nov.-Dec 1959, vol. 14, nos. 1-6, Jan -June 1960.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S.R.]. Ashkhabad, vol. 3, no. 6, Nov.-Dec. 1959; vol. 4, nos. 1-3, Jan -June 1960.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN] Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S S.R]. Tashkent, vol. 20, nos 8, 12, Aug., Dec. 1959.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN] Organ of Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S S R.]. Baku, vol 8, no 12, Dec 1959, vol. 9, nos. 1-2, 4-5, Jan -Feb., Apr -May 1960.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R]. Moscow, no. 12, Dec. 1959; nos 1-5, Jan -May 1960

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol. 5, no. 1, 1960.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol. 3, no. 2, Feb. 1960 [In Ukrainian]

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S S.R] Kishinev, vol 4, nos 11-12, Nov.-Dec 1959, vol 5, nos 1-5, Jan.-May 1960.

b ANIMAL INDUSTRY

AKADEMIIA NAUK SSSR. Ikhtiologicheskaia komissiia. Trudy soveshchanii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ichthyological Commission. Transactions of Conferences]. Moscow, no. 9, 1959.

KONEVODSTVO [HORSE BREEDING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R] Moscow, vol. 29(104), nos 11-12, Nov.-Dec. 1959

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S S R]. Moscow, vol. 21, nos 1-3, 5, Jan.-Mar., May 1960

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S R.]. Moscow, vol. 6, nos. 1-6, Jan.-June 1960

PTITSEVODSTVO [POULTRY RAISING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol 9, nos 11-12, Nov.-Dec 1959.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Ministerstvo rybnoi promyshlennosti SSSR [Ministry of the Fishing Industry of the U.S.S.R.]. Moscow, vol. 35, nos. 11-12, 1959; vol. 36, nos. 1-5, 1960.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 3, nos. 1-3, Jan -June 1960

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY] Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S R.]. Kiev, vol. 32, no 1, Jan. 1960. [In Ukrainian]
(DA)

c. FORESTRY

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti RSFSR [Ministry of Forest Industries of the R.S.F.S.R.], Moscow, vol. 38, no. 1, Jan. 1960.

LESNOE KHOZIAISTVO [FORESTRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, nos. 1-2, Jan.-Feb. 1960.

MASTER LESA [MASTER LUMBERMAN]. Issued by Ministerstvo lesnoi promyshlennosti RSFSR and TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Ministry of Forest Industries of the R.S.F.S.R and the Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries] Moscow, nos 1-6, Jan.-June 1960.

d PLANT CULTURE

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S.S R] Moscow, vol. 4(21), no 12, Dec. 1959.

LENINGRAD. VSESOIUZNYI INSTITUT ZASHCHITY RASTENII Trudy [ALL-UNION INSTITUTE OF PLANT PROTECTION. Transactions]. No. 12, 1958.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA] Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S S.R]. Kishinev, vol. 14, no. 6(84), Nov.-Dec. 1959
(DA)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R]. Moscow, vol. 24, nos. 5-6, Sep.-Dec. 1959; vol 25, nos. 1-3, Jan -June 1960.

TABAK [TOBACCO]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 21, nos 1-2, 1960
(DA)

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol. 2, no. 6, 1959

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, nos. 1(192), 3(194)-4(195), 1960

ZEMLEDELIE [AGRICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S S R.]. Moscow, vol. 8, no. 2, Feb. 1960.

16. TECHNOLOGY

a GENERAL

AKADEMIIA NAUK URSR, Kiev. Komisiia z istorii tekhniky. Narysy z istorii tekhniky [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Commission on the History of Technology. Outline of the History of Technology] Kiev, no. 5, 1959. [In Ukrainian.]

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no 10, 1960.

GORKIY. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Vol. 14, no. 4, 1958.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, vol 21, nos. 4-5, 1960.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 4, no. 1, Jan. 1960.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 1, Jan. 1960.

LENINGRAD. LENINGRADSKII INZHENERNO-EKONOMICHESKII INSTITUT. Trudy [LENINGRAD ENGINEERING AND ECONOMICS INSTITUTE. Transactions]. Nos. 29, 32, 1959.

MINSK. BELORUSSKII POLITEKHNICHESKII INSTITUT. Sbornik nauchnykh trudov [WHITE RUSSIAN POLYTECHNIC INSTITUTE. Collected Scientific Papers]. nos. 64, 65, 70, 81, 1959.

MOSCOW. FIZIKO-TEKHNICHESKII INSTITUT. Trudy [INSTITUTE OF TECHNICAL PHYSICS. Transactions]. No. 3, 1959.

MOSCOW. MOSKOVSKOE VYSSHEE TEKHNICHESKOE UCHILISHCHE. (Trudy) [MOSCOW TECHNICAL COLLEGE. (Transactions)]. Nos. 2, 73, 97, 1959.

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. no. 1, 1960.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U.S.S.R.] Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol 2, nos. 1-2, Jan.-Feb 1960

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Erivan, vols. 46(60), 47(61), 1958.

NOVYE KNIGI ZA RUBEZHOM. Seriia B Tekhnika [NEW BOOKS ABROAD. Series B Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 1, nos. 1, 2, Jan., Feb. 1960.

POLITEKHNICHESKOE OBUCHENIE [POLYTECHNICAL TRAINING] Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no 12, Dec. 1959.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol 17, no 1, Jan 1960.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 24, no. 2, Feb. 1960.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH] Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, vol. 28, no 1, 1960.

TOMSK. POLITEKHNICHESKII INSTITUT IMENI KIROVA. Izvestiia [KIROV POLYTECHNIC INSTITUTE. Bulletin]. Nos. 86, 93, 101, 1958.

b AERONAUTICS

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, aviatsionnaia tekhnika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Aviation Engineering] Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol 3, no 1, 1960.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 11, no. 1, Jan. 1960.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. Nos. 110, 113, 1959.

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 39, 1959.

VOPROSY RAKETNOI TEKHNIKI, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature] Moscow, vol. 10, no. 5(65), 1960.

c CHEMICAL TECHNOLOGY

AKADEMIIA NAUK SSSR Institut biokhimii. Biokhimiia chainogo proizvodstva [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Biochemistry. Biochemistry of Tea Production]. Moscow, no. 7, 1959.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol 13, no 1, 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, pishchevaia tekhnologiia [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Food Technology]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. 6, 1959

KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Ministerstvo khimicheskoi promyshlennosti [Ministry of the Chemical Industry]. Moscow, vol. 19, no. 1, Jan. 1960

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, no 7, Oct.-Nov. 1959.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R on Chemistry]. Moscow, no, 6, 1959.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, no 1, Jan. 1960.

KHIMIIA I TEKHNOLOGIIA POLIMEROV, sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS, Translations From Foreign Periodical Literature]. Moscow, vol 4, no 6, 1960.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, vol. 37, no. 1, Jan.-Feb. 1960.

•KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, no. 2, 1960

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 15, nos. 1-2, Jan.-Feb. 1960.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol 26, no. 2, Feb. 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PIVOVARENNOI PROMYSHLENNOSTI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF THE BREWING INDUSTRY. Transactions]. No. 7, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII KINOFOTOINSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MOTION PICTURES AND PHOTOGRAPHY. Transactions]. No. 2(25), 1958.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 34, nos. 1-2, Jan.-Feb. 1960.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 20, no. 1, Jan. 1960.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 17, no. 1, Jan. 1960.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRIRODNYKH GAZOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NATURAL GAS. Transactions]. Moscow, no. 7, 1959.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan.-Feb. 1960.

•ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 33, nos. 1-2, Jan.-Feb. 1960.

d CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut stroitel'nogo dela. Trudy [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Construction. Transactions]. Tiflis, no. 7, 1959.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut stroitel'nogo dela. Trudy nauchnykh korrespondentov [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Institute of Construction. Papers from the Corresponding Members]. Tiflis, no. 1, 1958.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut vodnogo khoziaistva i energetiki. Trudy [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Institute of Water Resources and Electric Power. Transactions]. Frunze, no. 5(8), 1959.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)]. Moscow, no. 36, 1959.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Organ of Glavnoe upravlenie po stroitel'stvu avtomobil'nykh dorog pri Sovete Ministrov SSSR [Main Administration for Highway Construction, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol 23 nos. 1-2, Jan.-Feb 1960.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction] Moscow, no. 1, Jan 1960.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U S.S R. for Construction] Moscow, vol 17, nos 1-3, Jan.-Mar. 1960.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.] Moscow, vol. 30, nos 1-2, Jan.-Feb. 1960.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW] Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies] Moscow, vol. 34, no 1, Jan 1960.

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Sbornik [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Collected Papers] Moscow, nos. 164, 167, 1959.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 16, no 11, Nov. 1959.

MC

INDUSTRY. Transactions]. No. 14, 1959.

NOVAIA TEKHNIKA MONTAZHNYKH I SPETSIAL'NYKH RABOT V STROITEL'STVE [NEW METHODS IN ASSEMBLING AND SPECIAL OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR [Ministry of Construction of the R.S.F.S.R.]. Moscow, vol. 22, no. 1, Jan. 1960.

OPYT STROITEL'STVA [CONSTRUCTION PRACTICE] Issued by TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture Akademii stroitel'stva i arkhitektury SSSR [Central Institute of Scientific Information on Construction and Architecture of the Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no. 24, 1959.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 2, no. 1, 1960.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Glavnoe upravlenie pozharnoi okhrany MVD SSSR [Main Administration of Fire Protection of the Ministry of the Interior of the U.S.S.R.]. Moscow, vol. 6(50), nos. 1-2, Jan.-Feb. 1960.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 38, nos. 1-2, 1960.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R]. Moscow, vol. 4, nos. 1-3, Jan.-Mar 1960

RATSIONALIZATORSKIE I IZOBRETATEL'SKIE PREDLOZHENIIA V STROITEL'STVE [PROPOSED EFFICIENCY MEASURES AND INVENTIONS IN CONSTRUCTION WORK]. Issued by TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture Akademii stroitel'stva i arkhitektury SSSR [Central Institute of Scientific Information on Building and Architecture of the Academy of Construction and Architecture of the U.S S.R]. Moscow, no.12, 1959.

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo mis'koho i sil's'koho budivnytstva URSR [Ministry of Town and Rural Construction of the Ukrainian S S. R.]. Kiev, vol. 7, no. 12, Dec. 1957, vol. 10, nos. 1-2, Jan.-Feb. 1960 [In Ukrainian.]

STROITEL' [THE BUILDER]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 1-2, Jan -Feb 1960.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 6, no. 1, Jan. 1960.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol. 9, no. 12, Dec. 1959; vol. 10, no. 2, Feb 1960.

TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of *Ministers of the* U.S.S.R. for Construction]. Moscow, vol. 26, no. 1, Jan.-Feb., 1960.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 2, Feb. 1960.

VOPROSY FIL'TRATSIONNYKH RASCHETOV GIDROTEKHNICHESKIKH SOORUZHENII [PROBLEMS OF SEEPAGE CALCULATIONS FOR HYDRAULIC ENGINEERING STRUCTURES]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii [All-Union Scientific Research Institute of Water Supply, Sewage Systems, Hydraulic Engineering Structures, and Engineering Hydrogeology]. Moscow, no. 3, 1959.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR [Ministry of Communal Economy of the R.S.F.S.R.]. Moscow, vol. 10, nos. 1-2, 1960.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, nos. 1-2, Jan.-Feb 1960

e. ELECTRICAL ENGINEERING

ATOMNAIA TEKHNIKA ZA RUBEZHOM [*NUCLEAR* ENGINEERING ABROAD]. Issued by Glavnoe upravlenie po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR [Main Administration for the Utilization of Atomic Energy, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 4, no. 6, June *1960*.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Published by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.] Moscow, vol. 21, nos 1-2, Jan.-Feb. 1960.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR, Nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, and TSentral'noe pravlenie Nauchno-technicheskogo obshchestva energeticheskoi promyshlennosti [State Planning Commission of the U.S.S.R., Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., and the Central Administration of the Scientific Technological Society of the Industrial Power Industry]. Moscow, vol. 31, *nos.* 1-2, Jan -Feb 1960.

*ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR and Ministerstvo elektrostantsii SSSR [Academy of Sciences of the U S.S.R. and Ministry of Electric Power Stations of the U.S.S.R.] Moscow, nos. 1-2, Jan -Feb. 1960.

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R]. Moscow, vol 14, nos. 1-2, Jan.-Feb. 1960.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol 8, no. 1, Jan. 1960.

ENERGOKHOZIAISTVO ZA RUBEZHOM, prilozhenie k zhurnalu "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES; supplement to the *periodical* "Electric Power Stations"]. Issued by Gosudarstvennoe energeticheskoe izdatel'stvo [State Power Engineering Publishing House] Moscow, no. 1, Jan.-Feb. 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; elektromekhanika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Electrical Machinery and Apparatus]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Novocherkassk, vol. 2, no. 12, 1959, vol. 3, no. 1, 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; energetika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; *Power Engineering*]. *Issued by* Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, *vol. 2, no. 12, Dec. 1959.*

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; radiotekhnika [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Radio Engineering] Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. *Moscow*, vol. 2, no. 5, Sep.-Oct. 1959.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 15, no. 2, Feb 1960.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of *Communication of* the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the *Army, Air Force, and Navy*]. Moscow, nos. 1-2, Jan.-Feb. 1960.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. *A S Popova* [*A.S.* Popov Scientific Technical Society of Radio Engineering and Telecommunications]. Moscow, vol. 15, nos. 1-2, Jan.-*Feb 1960*.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, June 1960; subject index, 1956; author index, 1957.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po radioelektronike [State Committee of the Council of Ministers of the U.S.S.R. on Electronics]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1960.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 31, no. 1, Jan. 1960.

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R]. Moscow, vol. 20, nos. 1(238)-2(239), Jan -Feb. 1960.

f INDUSTRIES & TRADES

*AKADEMIIA NAUK URSR, Kiev Instytut elektrozvariuvannia Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S S. R. Institute of Electric Welding. Automatic Welding] Kiev, vol 13, nos. 1(82)-2(83), Jan.-Feb. 1960.

*DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of the Paper and Woodworking Industries of the U.S.S R.] Moscow, vol. 8, no 12, Dec 1959

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, tekhnologiia legkoi promyshlennosti [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Technology of Light Industry]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S R.]. Moscow, no. 6, 1959.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, tekhnologiia tekstil'noi promyshlennosti [BULLETIN OF *THE INSTITUTIONS OF HIGHER* LEARNING; Technology of the Textile Industry]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, no. 6(13), 1959.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S R.]. Moscow, vol 3, no 12, *Dec.* 1959; vol 4, nos 1-2, Jan -Feb 1960.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'nyi komitet Professional'nykh Soiuzov rabochikh tekstil'noi i legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers of the Textile and Light Industries] Leningrad, [Vol. 1], no. 12, Dec. 1959, vol. 2, nos. 1-2, Jan.-Feb. 1960.

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE *U.S S.R.*]. *Organ* of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of *Ministers* of the U.S.S.R.]. *Moscow*, vol. 31, no. 1, 1960.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, *nos.* 1-2, Jan -Feb 1960.

*PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' COOPERATION]. Issued by TSentral'nyi sovet promyslovoi kooperatsii RSFSR [Central Council of Producers' Cooperation of the R.S.F.S.R.]. Moscow, vol. 14, nos. 1-2, Jan.-Feb. 1960.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, no. 1, Jan., 1960.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia, Otdelenie tekhnicheskikh nauk, Mekhanika i *mashinostroenie* [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin, Department of Technological Sciences. Mechanics and Machine Building]. Moscow, no. 2, Mar.-Apr. 1960.

AKADEMIIA NAUK URSR, Kiev. Instytut teploenergetyky. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Heat Energy. Transactions]. Kiev, no. 7, *1952*; no. 10, 1953.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, nos. 1-2. Jan.-Feb. 1960.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of *the R.S.F.S.R.* and the *Central* Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 38, *no. 1, Jan. 1960.*

BUMAGODELATEL'NOE MASHINOSTROENIE [PAPERMAKING MACHINERY MANUFACTURE]. Issued by Nauchno-issledovatel'skii institut bumagodelatel'nogo mashinostroeniia [Scientific Research Institute for the Manufacture of Papermaking Machinery]. Moscow, no 7, 1959

DNEPROPETROVSK. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. No. 29, 1959.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 1-2, Jan.-Feb. 1960.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, mashinostroenie [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Machine Building]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S S R.]. Moscow, no. 6, 1959.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII, priborostroenie [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING, Instrument Manufacture]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 2, nos. 4-5, 1959

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R and of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 2, no. 1, Jan. 1960.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry] Moscow, no. 2, Feb 1960.

MEKHANIKA, periodicheskii sbornik perevodov inostrannykh statei [MECHANICS, Translations of Foreign Articles] Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature] Moscow, vol. 11, no. 3(61), 1960

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, vol 14, nos 1-2, Jan.-Feb 1960

MODERNIZATSIIA METALLOREZHUSHCHIKH STANKOV [MODERNIZATION OF METAL-CUTTING MACHINERY]. Issued by Eksperimental'nyi nauchno-issledovatel'skii institut metallorezhushchikh stankov [Experimental Scientific Research Institute of Metal-Cutting Machinery]. Moscow, nos. 2 (20), 5(23), 1958, nos. 5(23), 6(24), 8(26), 10 (28), 12(30), 13(31), 14(32), 1959

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 122, 1959.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE FOR STANDARDIZATION IN MACHINERY MANUFACTURE. Transactions]. Moscow, no. 1, 1959.

*PRIBOROSTORENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, nos. 1-2, Jan.-Feb. 1960.

PROBLEMY PROCHNOSTI V MASHINOSTROENII [PROBLEMS OF STRENGTH OF MATERIALS IN MACHINERY MANUFACTURE]. Issued by Institut mashinovedeniia Akademii nauk SSSR [Institute of Mechanical Engineering of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1959.

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS. MACHINE BUILDING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 10-11, May-June 1960.

RUSSIA (1923- U.S.S.R.) Glavnoe gruzovoe upravlenie. Informatsionnyi listok [Main Freight Administration. Information Bulletin]. Moscow, no. 14, 1959.

*STANKI INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.] Moscow, vol. 31, nos 1-2, Jan.-Feb 1960

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan. 1960.

TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Ministerstvo elektrostantsii SSSR and Akademiia nauk SSSR [Ministry of Electric Power Stations of the U.S.S.R. and the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, nos. 2-3, Feb.-Mar. 1960.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 30, no. 2, Feb. 1960

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 40, no. 2, Feb. 1960.

ZA BEZOPASNOST' DVIZHENIIA [FOR TRAFFIC SAFETY]. Issued by Otdel RUD UVD Ispolkoma Mosgorsoveta [Traffic Department of the Administration of Internal Affairs of the Executive Committee of the Moscow City Soviet] Moscow, nos. 1-2, Jan.-Feb. 1960.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 18, no. 1, Jan. 1960.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 42, nos. 1-2, Jan.-Feb 1960

h MINING & METALLURGY

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut gornogo dela. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Branch. Institute of Mining. Transactions]. Moscow, no. 2, 1959.

AZERBAIDZHANSKOE NEFTIANOE KHOZIAISTVO [AZERBAIJAN PETROLEUM INDUSTRY]. Organ of Ministerstvo neftianoi promyshlennosti Azerbaidzhanskoe SSR [Ministry of the Petroleum Industry of the Azerbaijan S.S.R.]. Baku, vol. 38, nos. 10(400)-11(401), Oct.-Nov. 1959.

ISSLEDOVANIE SPLAVOV TSVETNYKH METALLOV [STUDIES ON ALLOYS OF NONFERROUS METALS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U.S.S.R.]. No. 2, 1960.

[MICROFILM]

ISSLEDOVANIIA PO ZHAROPROCHNYM SPLAVAM [STUDIES ON HEAT-RESISTANT ALLOYS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, 1959.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; gornyi zhurnal [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Mining Journal]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R]. Moscow, nos. 4, 5, 8, 10, 1959.

IZVESTIIA VYSSHIKH UCHEBNYKH ZAVEDENII; neft' i gaz [BULLETIN OF THE INSTITUTIONS OF HIGHER LEARNING; Petroleum and Gas]. Issued by Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 2, no. 12, 1959.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu, and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Scientific Technological Society of the Machine-Building Industry]. Moscow, no. 2, Feb. 1960.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry] Moscow, no. 2, Feb. 1960

* METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 5, nos. 1, 2, Jan., Feb. 1960.

MOSCOW. MOSKOVSKII NEFTIANOI INSTITUT. Trudy [MOSCOW PETROLEUM INSTITUTE. Transactions]. No. 20, 1957.

MOSCOW. VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Transactions]. No. 24, 1959.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol. 37, no. 12, Dec. 1959.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 25, no. 11, Nov. 1959

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1960.

*REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS. METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 5, May 1960

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 4, nos. 1-2, Jan.-Feb 1960

*STAL' [STEEL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, nos. 1-2, Jan.-Feb. 1960. [With summaries in English, German, and French.]

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 4, no. 12, Dec. 1959.

SVERDLOVSK. GORNYI INSTITUT. Trudy [MINING INSTITUTE. Transactions]. No. 34, 1959.

*TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 33, no. 1, Jan., 1960.

UGOL' [COAL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 35, nos. 1(406)-2(407), Jan.-Feb. 1960.

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov USSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 1, Jan. 1960.

VOPROSY DINAMICHESKOI TEORII RASPROSTRANENIIA SEISMICHESKIKH VOLN [PROBLEMS OF THE DYNAMIC THEORY OF THE PROPAGATION OF SEISMIC WAVES]. Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting] Leningrad, no. 2, 1959.

AVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of [illegible] [illegible] and Technical Committee of the Council of [illegible] of the U.S.S.R.]. Moscow, [illegible]

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

[illegible] VOIAKIV [illegible] DYVIZII [illegible] [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE [illegible] [illegible] CATIONAL NEWS [illegible]]. Munich, no. 96, June 1960 [In Ukrainian.]

NA [illegible] [OUR ROLL CALL]. New York, [illegible] July 1960.

NA [illegible] [illegible]]. Published by [illegible] [illegible] [illegible] Officers of [illegible] of the [illegible]]. New York, no. 159(2149), July 1960.

b. NAVAL SCIENCE

MORSKOI FLOT [THE MERCHANT MARINE]. Organ of M[illegible] [illegible] flota [illegible] [Ministry of the

B 10K Lib

Merchant Marine of the U.S.S.R.]. Moscow, vol. 20, no. 1, Jan. 1960.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. [illegible] Ministerstvo rechnogo flota [illegible] [Ministry of the River Fleet of the R.S.F.S.R.]. Moscow, vol. 19, no. 1, Jan. 1960.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO SUDOSTROITEL'NOI PROMYSHLENNOSTI. Trudy [SCIENTIFIC-TECHNOLOGICAL SOCIETY OF THE SHIPBUILDING INDUSTRY. Transactions]. Leningrad, vol. 8, no. 1, 1958; vol. 8, nos. 2-3, 1959.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Arkh anat. gist i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh pat. (14e)	Arkhiv patologii [Archives of Pathology]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U S S.R.]
Atomnaia tekhnika za rubezhom (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom. svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Azerb. med. zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]. Parallel text in Azerbaijani and Russian.
Azerb. neft. khoz. (16h)	Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet. i zhel.-bet (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop. truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]
Biokhim. chain. proizv. (16c)	Akademiia nauk SSSR Institut biokhimii. Biokhimiia chainogo proizvodstva [Academy of Sciences of the U.S.S.R. Institute of Biochemistry. Biochemistry of Tea Production]
Biokhimiia (13c)	Biokhimiia [Biochemistry]
Biol. v shkole (13c)	Biologiia v shkole [Biology in Schools]
Biul. eksp. biol i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul. Inst. astrofiz. AN Tadzh. SSR (13b)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Institut astrofiziki. Biulleten' [Academy of Sciences of the Tajik S.S.R. Astrophysical Institute. Bulletin]
Biul. Inst. teor. astron. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]
Biul. MOIP. Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul. nauch. inform.: trud i zar. plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul. nauch.-tekh. inform. po mekh. sel'khoz. (15a)	† Biulleten' nauchno-tekhnicheskoi informatsii po mekhanizatsii sel'skogo khoziaistva [Bulletin of Scientific and Technical Information on the Mechanization of Agriculture]
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
Biul. stroi. tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul. tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. Verkh. Suda (7)	Russia (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biulleten' izobretenii (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biulleten' po obmenu zhiloi ploshchadi (5b)	Biulleten' po obmenu zhiloi ploshchadi [Bulletin for Exchange of Living Quarters]
Blok. agit [Bel.] (6)	Bloknot agitatora [The Agitator's Notebook]. For Wh Russia.
Blok. agit. [Len.] (6)	Bloknot agitatora [The Agitator's Notebook]. For Le grad City and Province.
Blok. agit. [Ukr] (6)	Bloknot agitatora [The Agitator's Notebook]. In Ukrainian.
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bukhg. uchet (5a)	Bukhgalterskii uchet [Accounting]
Bumagodel. mash (16g)	† Bumagodelatel'noe mashinostroenie [Paper-Making Machinery Manufacture]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Der. prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Det. dom (8a)	Detskii dom [Children's Home]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Scien the U.S.S.R. Reports]
Dokl. AN Uz. SSR (13a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Doklady [Academy of Sciences of the Uzbek S.S.R. Repor
Dop. UASHN (15a)	Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh na Dopovidi [Ukrainian Academy of Agricultural Scie Reports]. In Ukrainian.
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Doshk. vykh. (8a)	Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Ekon. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of So Ukraine]. In Ukrainian.
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnal "Elektricheskie stantsii" [Electric Power Produc and Utilization in Foreign Countries; supplement to periodical "Electric Power Stations"]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construc
Ezhegod. Muz. ist. rel. i ateiz. (3b)	Akademiia nauk SSSR. Muzei istorii religii i ateizma. Ezhegodnik [Academy of Sciences of the U.S.S.R. Museum of the History of Religion and Atheism.
Farm. i toks. (14f)	Farmakologiia i toksikologiia [Pharmacology and Tox cology]
Fel'd. i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Filol. sbor. (11a)	Leningrad. Universitet. Studencheskoe nauchnoe obshches Filologicheskii sbornik [University. Student Schola Society. Philological Review]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U.S.S.R.]
Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geog. v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geologicheskaia literatura SSSR (12c)	Geologicheskaia literatura SSSR [Geological Literature of the U.S.S.R.]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr. stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Co struction]

Gidrokhim. mat. (13d)	Gidrokhimicheskie materialy [Materials on Hydrochemistry]
Gidroliz. i leso khim. prom. (16c)	Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
Gig. i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gip. bol. (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Institut terapii. Gipertonicheskaia bolezn' [Academy of Medical Sciences of the U.S.S.R. Institute of Therapeutics. Hypertension]
Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Inform. biul. NIIGA (12e)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Informatsionnyi biulleten' [Scientific Research Institute of Arctic Geology. Information Bulletin]
Inform. biul. Sov. antark. eksp. (1a)	Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Inform. biul. Glav. gruz. upr. (16g)	Russia (1923- U.S.S.R.) Glavnoe gruzovoe upravlenie. Informatsionnyi biulleten' [Main Freight Administration. Information Bulletin]
Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdu nar. geofiz. godu (12b)	Moscow. Universitet. Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh Geograficheskogo fakul'teta Moskovskogo gosudarstvennogo universiteta po Mezhdunarodnomu geofizicheskomu godu [Faculty of Geography. Informational Collection of the Work of the Geographical Faculty of Moscow State University for the International Geophysical Year]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser. 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina (Seriia 1) [illegible] [Lenin Library. [illegible] Physical Mathematical [illegible] Geographical [illegible]]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser. 2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina (Seriia 2) [illegible] [Lenin Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 2 [illegible] and Agricultural Sciences]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina (Seriia 3) [illegible] [Lenin Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3 [illegible] Belles Lettres]
Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek [illegible]
Informatsionnyi ukazatel' standartov (16a)	Informatsionnyi ukazatel' standartov [illegible]
Inostr. lit. (11b)	Inostrannaia literatura [Foreign Literature]
Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Isk. sput. Zem. (12e)	Iskusstvennye sputniki Zemli [Artificial Earth Satellites]
Iskusstvo (10a)	Iskusstvo [Art]
Issl. po zharopr. splav. (16h)	Issledovaniia po zharoprochnym splavam [Research on Heat-Resistant Alloys]
Issl. splav. tsvet. met. (16h)	Issledovaniia splavov tsvetnykh metallov [Studies of Alloys of Non-Ferrous Metals]
Ist SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
IUn. nat. (13c)	Iunyi naturalist [Young Naturalist]
IUn. tekh. (16a)	Iunyi tekhnik [Young Technician]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izv. AN Arm. SSR Biol. nauki (13e)	Akademiia nauk Armianskoi SSR, Erevan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Series]
Izv. AN Kazakh. SSR Ser. bot. i pochv. (13e)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Botany and Soil Science]
Izv. AN Kazakh. SSR Ser. filol. i isk. (11a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Philology and Art]
Izv. AN Kazakh. SSR Ser. mat. i mekh. (13a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia matematiki i mekhaniki [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mathematics and Mechanics]
Izv. AN SSSR. Otd. lit. i iaz. (11b)	Akademiia nauk SSSR. Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U.S.S.R. Bulletin. Department of Literature and Language]
Izv. AN SSSR Otd. tekh. nauk Mekh. i mashinostr. (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technical Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN Turk. SSR (1a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia [Academy of Sciences of the Turkmen S.S.R. Bulletin]
Izv. AN Uz. SSR. Ser. fiz.-mat. nauk (13f)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. Astrofiz. inst. AN Kazakh. SSR (13b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute. Bulletin]
Izv. GAO (13b)	Pulkovo. Astronomicheskaia observatoriia. Izvestiia [Astronomical Observatory. Bulletin]
Izv. Kar. i Kol'. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Izvestiia Karel'skogo i Kol'skogo filialov [Academy of Sciences of the U.S.S.R. Karelian Branch. Bulletin of the Karelian and Kola Branches]
Izv. Kir. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Kirgizskii filial. Izvestiia [Geographic Society of the U.S.S.R. Kirghiz Branch. Bulletin]
Izv. Otd. obshchest. nauk AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie obshchestvennykh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Social Sciences. Bulletin]
Izv. Sev.-Oset. nauch.-issl. inst. (1a)	Dzaudzhikau. Severo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [North Ossetian Scientific Research Institute. Bulletin]
Izv. Sib. otd. AN SSSR (1a)	Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia [Academy of Sciences of the U.S.S.R. Siberian Branch. Bulletin]
Izv. TPI (10a)	Tomsk. Politekhnicheskii institut imeni Kirova. Izvestiia [Kirov Polytechnic Institute. Bulletin]
Izv. vys. ucheb. zav.; av. tekh. (16b)	Izvestiia vysshikh uchebnykh zavedenii; aviatsionnaia tekhnika [Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Izvestiia vysshikh uchebnykh zavedenii; energetika [Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Bulletin of the Institutions of Higher Learning, Mining Journal]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; neft' i gaz (16h)	Izvestiia vysshikh uchebnykh zavedenii, neft' i gaz [Bulletin of the Institutions of Higher Learning, Petroleum and Gas]
Izv. vys. ucheb. zav.; pishch. tekh. (16c)	Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Bulletin of the Institutions of Higher Learning; Food Technology]
Izv. vys. ucheb. zav.; prib. (16g)	Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Bulletin of the Institutions of Higher Learning, Instrument Manufacture]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Bulletin of the Institutions of Higher Learning, Radio Physics]
Izv. vys. ucheb. zav.; radiotekh. (16e)	Izvestiia vysshikh uchebnykh zavedenii, radiotekhnika [Bulletin of the Institutions of Higher Learning, Radio Engineering]
Izv. vys. ucheb. zav.; stroi. i arkhit. (16h)	Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Bulletin of the Institutions of Higher Learning: Construction and Architecture]
Izv. vys. ucheb. zav.; tekh. leg. prom. (16f)	Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia legkoi promyshlennosti [Bulletin of the Institutions of Higher Learning, Technology of Light Industry]
Izv. vys. ucheb. zav.; tekh. tekst. prom. (16f)	Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia tekstil'noi promyshlennosti [Bulletin of the Institutions of Higher Learning. Technology of the Textile Industry]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Kaz. med. zhur. (14a)	Kazanskii meditsinskii zhurnal [Kazan Medical Journal]
Khim. mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machinery Manufacture]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khimiia i tekhnologiia polimerov (16c)	Khimiia i tekhnologiia polimerov; sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers, Translations From Foreign Periodical Literature]
Khleb. i kond. prom. (14f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionary Industry]
Khol. tekh. (16c)	Kholodil'naia tekhnika [Refrigeration Engineering]
Knigi 19 goda dlia detskikh i shkol'nykh bibliotek (2a)	Knigi dlia detskikh i shkol'nykh bibliotek, rekomendatel'nyi ukazatel' literatury 19 [Books for Children's and School Libraries, a Guide to Recommended Literature 19]
Knizhnaia letopis' (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]

Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Kommunist (6)	Kommunist [Communist]
Kons. i ov. prom. (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Kozh.-obuv. prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Krat. soob. IIMK (1b)	Akademiia nauk SSSR. Institut istorii material'noi kul'tury. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of History of Material Culture. Brief Communications of Reports and Field Explorations]
Krat. soob. Inst. arkheol. AN URSR (4b)	Akademiia nauk URSR, Kiev. Instytut arkheolohii. Kratkie soobshcheniia [Academy of Sciences of the Ukrainian S.S.R. Institute of Archaeology. Brief Reports]
Krat. soob. Inst. slav. (4a)	Akademiia nauk SSSR. Institut slavianovedeniia. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Brief Reports]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kul't. i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Kul't. pros. rab. (9a)	Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
Kuz.-shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Les. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Letopis' izobrazitel'nogo iskusstva (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Letopis' muzykal'noi literatury (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Letopis' zhurnal'nykh statei (4a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Lit. slav. nar. (11b)	Literatura slavianskikh narodov [Literature of Slavic Peoples]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. i soob. Inst. otd. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials [illegible] Research Department]
Mat. v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical [illegible] Industry of the U.S.S.R.]
Med. rad. (14a)	Meditsinskaia radiologiia [Medical Radiology]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Meditsinskii referativnyi zhurnal (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Metalloved. i term. obr. met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Meteoritika (13b)	Meteoritika [Meteoritics]
Mias. ind. SSSR (16f)	Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mod. metallorezh. stan. (16g)	Modernizatsiia metallorezhushchikh stankov [Modernization of Metal Cutting Machinery]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]
Moskva (11b)	Moskva [Moscow]
Mystetstvo (10a)	Mystetstvo [Art]. In Ukrainian.
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific-Technological Societies of the U.S.S.R.]
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. z ist. tekh. (16a)	Akademiia nauk URSR, Kiev. Komisiia z istorii tekhniky. Narysy z istorii tekhniky [Academy of Sciences of the Ukrainian S.S.R. Commission on the History of Technology. Outline of the History of Technology]
Nauch. dokl. vys. shkoly; filos. nauki (3a)	Nauchnye doklady vysshei shkoly; filosofskie nauki [Research Papers of Higher Schools, Philosophical Sciences]
Nauch. dokl. vys. shkoly; ist. nauki (4a)	Nauchnye doklady vysshei shkoly; istoricheskie nauki [Research Papers of Higher Schools, Historical Sciences]
Nauk. pratsi Vid. sil'.-hosp. nauk AN URSR (15a)	Akademiia nauk URSR, Kiev. Viddil sil's'kohospodars'kykh nauk. Naukovi pratsi [Academy of Sciences of the Ukrainian S.S.R. Department of Agricultural Sciences. Scientific Papers]

[illegible]

Rab. i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian
Rad. pravo (7)	Radians'ke pravo [Soviet Law]. In Ukrainian
Rad. shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian
Radio (16e)	Radio [Radio]
Radiokhimiia (11d)	Radiokhimiia [Radiochemistry]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Raspr. pech. (4c)	Rasprostranenie pechati [Distribution of Publications]
Rats. i izobr. predl. v stroi. (16d)	Ratsionalizatorskie i izobretatel'skie predlozheniia v stroitel'stve [illegible]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech. transp. (17b)	Rechnoi transport [River Transportation]
Ref. sbor. ekon. prom. (5b)	Referativnyi sbornik. Ekonomika promyshlennosti [Journal of Abstracts. Economics of Industry]
Referativnyi zhurnal: Astronomiia i geodeziia (13b)	Referativnyi zhurnal. Astronomiia i geodeziia [Journal of Abstracts. Astronomy and Geodesy]
Referativnyi zhurnal: Biologiia (13c)	Referativnyi zhurnal. Biologiia [Journal of Abstracts. Biology]
Referativnyi zhurnal. Elektrotekhnika (16m)	Referativnyi zhurnal. Elektrotekhnika [Journal of Abstracts. Electrical Engineering]
Referativnyi zhurnal: Fizika (11f)	Referativnyi zhurnal. Fizika [Journal of Abstracts. Physics]
Referativnyi zhurnal: Geofizika (13d)	Referativnyi zhurnal. Geofizika [Journal of Abstracts. Geophysics]
Referativnyi zhurnal: Geografiia (12d)	Referativnyi zhurnal. Geografiia [Journal of Abstracts. Geography]
Referativnyi zhurnal: Geologiia (12e)	[illegible]
Referativnyi zhurnal: Gornoe delo (16h)	[illegible]
Referativnyi zhurnal: Khimiia, Biologicheskaia khimiia (11c)	[illegible]
Referativnyi zhurnal: Mashinostroenie (16c)	[illegible]
Referativnyi zhurnal: Matematika (11a)	Referativnyi zhurnal. Matematika [Journal of Abstracts. Mathematics]
Referativnyi zhurnal: Mekhanika (13f)	Referativnyi zhurnal. Mekhanika [Journal of Abstracts. Mechanics]
Referativnyi zhurnal: Metallurgiia (16h)	Referativnyi zhurnal. Metallurgiia [Journal of Abstracts. Metallurgy]
Rybn. prom. (16c)	[illegible]
Sbor. LIIZhT (16f)	[illegible] Papers
Sbor. nauch. rab. INKhI (5b)	[illegible] Papers
Sbor. nauch. trud. Bel. politekh. inst. (16a)	[illegible]
Sbor. rab. Minsk. GMO (13f)	[illegible] Papers
Sbor. trud. NIIPOLIGRAFMASH (2c)	[illegible] Collection Papers
Sel' mekh. (16a)	[illegible]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Sil' bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian
Soob. AN Gruz. SSR (1a)	[illegible]
Sots. kul't. (10)	[illegible]
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. arkheol. (18)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. depon. trud (8)	[illegible]
Sov. foto (16e)	Sovetskoe foto [Soviet Photography]
Sov. geol. (12e)	Sovetskaia geologiia [Soviet Geology]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. Kazakh. (11b)	Sovetskii Kazakhstan [Soviet Kazakhstan]
Sov. knizh. torg. (2e)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov. Soiuz (1b)	Sovetskii Soiuz [Soviet Union]
Sov. torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovetskie knigi (2a)	Sovetskaia kniga [Sovetskie knigi (novinki), katalog dlia zakazov. Soviet Books (New Publications), Order Catalog]
Sovr. Vost. (1b)	Sovremennyi Vostok [The East Today]
Sred. veka (4a)	Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
Stal' (16h)	Stal' [Steel]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi. i arkh. (16f)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i dor. mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi. truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Sud.-med. ekspert. (14a)	Sudebno-meditsinskaia ekspertiza [Medicolegal Examination]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svodnyi biulleten' novykh inostran. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A. Natural Sciences, Medicine, Agriculture, Technology]
Svodnyi biulleten' novykh inostran. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B. Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. kino i telev. (9a)	Tekhnika kino i televideniia [Motion Picture and Television Technology]
Tekh. mol. (16a)	Tekhnika — molodezhi [Technology for Youth]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Torg. za rubezh. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trakt. i sel'khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Transp. stroi. (16f)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions]
Trudy Bash. fil. AN SSSR. Ser. [illegible]	Akademiia nauk SSSR. Bashkirskii filial, Ufa. Trudy. Seriia [illegible] [Academy of Sciences of the U.S.S.R. Bashkir Branch. Transactions. Series in [illegible]]
Trudy Bot. sada AN USSR (13c)	Akademiia nauk USSR, Kiev. Botanichnyi sad. Trudy [Academy of Sciences of the Ukrainian S.S.R. Botanical Garden. Transactions]
Trudy [illegible] (16d)	[illegible]
Trudy [illegible] (13b)	
Trudy [illegible] (13h)	
Trudy [illegible]	
Trudy [illegible] (13c)	
Trudy [illegible] (13d)	
Trudy [illegible] (13a)	
Trudy [illegible] (13b)	
Trudy [illegible] (13c)	
Trudy [illegible] (13c)	

Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR (13c)	Akademiia nauk SSSR. Zapadno-Sibirskii filial, Novosibirsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. West Siberian Branch. Institute of Mine Geology. Transactions]
Trudy Gos. bibl. SSSR (2b)	Moscow. Publichnaia biblioteka. Trudy [Public Library. Transactions]
Trudy Inst. biol. vodokhran. (13e)	Akademiia nauk SSSR. Institut biologii vodokhranilishch. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Biology of Reservoirs. Transactions]
Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
Trudy Inst. etn. (13a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst. fiz. khim. (13d)	Akademiia nauk SSSR. Institut fizicheskoi khimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physical Chemistry. Transactions]
Trudy Inst. fiz. Zem. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth. Transactions]
Trudy Inst. fiziol. (13e)	Akademiia nauk SSSR. Institut fiziologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physiology. Transactions]
Trudy Inst. geog. (13b)	Akademiia nauk SSSR. Institut geografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Geography. Transactions]
Trudy Inst. gor. dela Sib. otd. AN SSSR (16b)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut gornogo dela. Trudy [Academy of Sciences of the U.S.S.R. Siberian Branch. Institute of Mining. Transactions]
Trudy Inst. ist. est. i tekh. (13a)	Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR (14b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut klinicheskoi i eksperimental'noi khirurgii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Clinical and Experimental Surgery. Transactions]
Trudy Inst. okean. (13b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Trudy Inst. stroi. dela AN Gruz. SSR (16d)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut stroitel'nogo dela. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Construction. Transactions]
Trudy Inst. tepl. AN URSR (16g)	Akademiia nauk URSR, Kiev. Instytut teploenerhetyky. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Heat Power Engineering. Transactions]
Trudy Inst. vod. khoz. i energ. AN Kir. SSR (16d)	Akademiia nauk Kirgizskoi SSR, Frunze. Institut vodnogo khoziaistva i energetiki. Trudy [Academy of Sciences of the Kirghiz S.S.R. Institute of Water Resources and Electric Power. Transactions]
Trudy Instytutu geologichnykh nauk Akademii nauk URSR. Seriia stratigrafii i paleontologii (14c)	Akademiia nauk URSR, Kiev. Instytut geolohichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]
Trudy KIMESKh (15a)	Kazakhskaia akademiia sel'skokhoziaistvennykh nauk. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [Kazakh Academy of Agricultural Sciences. Institute of Mechanization and Electrification of Agriculture. Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy Karad. biol. sta. (13e)	Karadagskaia biologicheskaia stantsiia. Trudy [Karadag Biological Station. Transactions]
Trudy KazNIGMI (13f)	Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]
Trudy Kom. chetv. per. (13e)	Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Transactions]
Trudy LIEI (16a)	Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
Trudy LSGMI (14g)	Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. Transactions]
Trudy Lab. vulk. (12e)	Akademiia nauk SSSR. Laboratoriia vulkanologii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Volcanology. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MFTI (16a)	Moscow. Fiziko-tekhnicheskii institut. Trudy [Institute of Technical Physics. Transactions]
Trudy MGI (12b)	Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute. Transactions]
Trudy MIIGAiK (13b)	Moscow. Institut inzhenerov geodezii, aerofotos"emki i kartografii. Trudy [Institute for Engineers in Geodesy, Aerial Photography, and Cartography. Transactions]

Uch zap po stat (5b)	Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. Uchenye zapiski po statistike [Academy of Sciences of the U.S.S.R. Department of Economics, Philosophy, and Law. Studies in Statistics]
Uch zap. Sar. un (1a)	Saratov. Universitet. Uchenye zapiski [University. Studies]
Uchet i fin. v kol khoz. i sovkhoz (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance in Collective and State Farms]
Ugol' (10b)	Ugol' [Coal]
Ugol' Ukr (10b)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. biokhim. zhur (15c)	Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian or Russian
Ukr. bot. zhur (15c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian
Ukr. fiz. zhur (4a)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]. In Ukrainian
Ukr khim. zhur. (15d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukr. mova v shkoli (8a)	Ukrains'ka mova v shkoli [Ukrainian Language in School]. In Ukrainian
Ukraina (8b)	Ukraina [The Ukraine]. In Ukrainian
Usp fiz. nauk ([illegible])	Uspekhi fizicheskikh nauk [Progress in Physical Sciences]
Usp. sovr. biol (15c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Uzb geol zhur (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Uzbekiston (8b)	[illegible] In Uzbek
V pom ohit (2a)	[illegible]
V pom. ekon. obr kadr. (5b)	V pomoshch' ekonomicheskomu obrazovaniiu kadrov [Aid to the Economic Education of Personnel]
V pom. polit. samo obr (6)	V pomoshch' politicheskomu samoobrazovaniiu [Aid to Political Self-Education]
V zashch. mira (6)	V zashchitu mira [In Defense of Peace]
Vedomosti Ver. Soveta RSFSR (6)	Vedomosti Verkhovnogo Soveta RSFSR [Gazette of the Supreme Soviet of the RSFSR]
Vedomosti Verkhovnogo Soveta SSSR (6)	Vedomosti Verkhovnogo Soveta SSSR [Gazette of the Supreme Soviet of the U.S.S.R.] [illegible]
Vest. AN Kazakh SSR (1a)	Akademiia nauk Kazakhskoi SSR. Vestnik [Academy of Sciences of the Kazakh SSR. Herald]
Vest. AN SSSR (4a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Herald]
Vest drev. ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Herald of Ancient History]
Vest elektroprom (16e)	Vestnik elektropromyshlennosti [Herald of the Electrical Industry]
Vest khir (14f)	Vestnik khirurgii [Surgical Herald]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [Leningrad University. Herald]
Vest. mash (10g)	Vestnik mashinostroeniia [Herald of Machine Building]
Vest. Mosk. un. Ist., filol., ekon (11b)	Moscow. Universitet. Vestnik. Seriia istorii, filologii, ekonomiki [Moscow University. Herald. Series of History, Philology, Economics]
Vest. Mosk. un Ser. mat., mekh., astron., fiz., khim. (13a)	Moscow. Universitet. Vestnik. Seriia matematiki, mekhaniki, astronomii, fiziki, khimii [Moscow University. Herald. Series of Mathematics, Mechanics, Astronomy, Physics, Chemistry]
Vest. oft. (14a)	Vestnik oftal'mologii [Herald of Ophthalmology]
Vest. rent i rad (14a)	Vestnik rentgenologii i radiologii [Herald of Roentgenology and Radiology]
Vest. sel'khoz nauki (17a)	Vestnik sel'skokhoziaistvennoi nauki [Herald of Agricultural Science]
Vest. sviazi (10e)	Vestnik sviazi [Communications Herald]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Herald of Higher Education]
Visnyk sil'. hosp. nauky (17a)	Visnyk sil's'kohospodars'koi nauky [Herald of Agricultural Science]. In Ukrainian
Viz. vrem. (4a)	Vizantiiskii vremennik [Byzantine Chronicle]
Vnesh torg (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod. i san tekh (10d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen.-med. zhur (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. din teor rasp. seism. voln (16b)	Voprosy dinamicheskoi teorii rasprostraneniia seismicheskikh voln [Problems in the Dynamic Theory of the Propagation of Seismic Waves]
Vop. filos (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. fil'tr. raschet. gidr. soor (10d)	Voprosy fil'tratsionnykh raschetov gidrotekhnicheskikh sooruzhenii [Problems of Seepage Calculations for Hydraulic Engineering Structures]
Vop. ist. est. i tekh. (13a)	Voprosy istorii estestvoznaniia i tekhniki [Problems of the History of Natural Science and Technology]
Vop. ist. rel. i ateiz. (1b)	Voprosy istorii religii i ateizma [Problems of Religion and Atheism]
Vop. kur., fizioter. i lech. fiz. kul't (14e)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]
Vop. lit (11b)	Voprosy literatury [Problems of Literature]
Vop. med. khim (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Vop. morf. perif. nerv. sist. (14c)	Voprosy morfologii perifericheskoi nervnoi sistemy [Problems of the Morphology of the Peripheral Nervous System]
Vop. okh. mat. i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. pit (14c)	Voprosy pitaniia [Problems of Nutrition]
Vop. virus (14c)	Voprosy virusologii [Problems of Virology]
Voprosy raketnoi tekhniki (10b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Technology; Translations and Surveys of Foreign Periodical Literature]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vysokom. soed. (15d)	Vysokomolekuliarnye soedineniia [High Molecular Compounds]
Za bezop. dvizh. (10g)	Za bezopasnost' dvizheniia [For Traffic Safety]
Za rul. (10g)	Za rulem [At the Wheel]
Zarub. transp. (10e)	Zarubezhnyi transport [Transportation Abroad]
Zav. lab. (15f)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Belor. (14a)	Zdravookhranenie Belorussii [Health Protection of White Russia]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Protection of the Russian Federation]
Zdrav. Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Protection of Tadzhikistan]
Zdrav. Turk. (14a)	Zdravookhranenie Turkmenistana [Health Protection of Turkmenistan]
Zemledelie (17a)	Zemledelie [Agriculture]
Zhel. dor. transp. (10g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil. kom. khoz. (10g)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing Economy]
Zhil. stroi. (10d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur. anal. khim. (15d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (15b)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. Mosk. Patr. (1b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. nauch. i prikl. fot. i kin. (10e)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur. neorg. khim. (15d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. ob. biol. (15c)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur. ob. khim. (15d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (15d)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Znamia (11b)	Znamia [The Banner]
Znan. sila (13a)	Znanie - sila [Knowledge Is Power]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian
Zool. zhur. (15c)	Zoologicheskii zhurnal [Zoological Journal]
Zvezda (11b)	Zvezda [The Star]

ACTH

Adrenocorticotropic hormone (ACTH) in the blood of patients with chronic insufficiency of the adrenals Report No 1 [with summary in English]. A.M.Raskin Probl endok. i gorm. 5 no.6 55-62 '59.

On the effect of ACTH and cortisone on the penetration of administered drugs into the inflammatory focus, on the principle for a combined administration of antiphlogistic hormones and antimicrobial preparations [with summary in English]. G.L.Mednik. Probl endok. i gorm 5 no.5 3-7 S-O '59.

Our observations on the use of ACTH and cortisone in the treatment of some types of eye injuries [with summary in English]. M.V Parkhomovskii, I.IA.Chistik. Oft zhur. 15 no.1 16-20 '60.

Reaction of the thyroid gland to "stress" following the cutting off the adrenocorticotropic function of the hypophysis [with summary in English] IU.B.Skebel'skaia. Probl. endok i gorm. 5 no 6 3-6 N-D '59.

ABDOMEN

Characteristics of the structure of the abdominal muscles [with summary in English]. G.S.Katinas. Arkh. anat.gist.i embr. 37 no.12·71-80 D '59

Connections of the lymphatic system of the abdominal wall and the organs of the abdominal cavity. A.A. Chevlytko. Zdrav. Belor. 5 no.1:18-21 Ja '60.

ABDOMEN—ABSCESS

Subdiaphragmatic abscess. N. P. Fedotov. Sov. med. 24 no. 1·121-122 Ja '60.

ABDOMEN—CANCER

Malignant tumors of the abdominal cavity in children [with summary in English]. G.V.Chistovich Vest. khir 83 no.12 59-65 D '59.

ABDOMEN—SURGERY

"Acute surgical diseases of the abdominal cavity" by N.I.Gurevich. Reviewed by G.V.Golovin. Vest. khir 83 no.12 105-108 D '59.

Preventing complications following laparotomy under experimental conditions [in Armenian with summary in Russian] V A Khachatrian. Izv AN Arm. SSR Biol. nauki. 12 no 11·77-88 N '59.

Prophylaxis and treatment of abdominal adhesions with homotransplants of preserved peritoneum. A.S. Kalugin. Zdrav. Belor. 5 no.1 15-17 Ja '60.

ABDOMEN—WOUNDS AND INJURIES

Clinical aspects of retroperitoneal hemorrhages in closed trauma of the abdomen [with summary in English] G.M. Marenkov Vest. khir. 83 no.12;37-44 D '59.

ABIETIC ACID

Neoabietic and abietic acids, the primary tar acids in oleoresin from the Siberian fir (Abies sibirica Ldb.). G.V.Pigulevskii, V.G.Kostenko. Zhur. prikl. khim. 33 no. 2·439-444 F '60.

ABIKH, GERMAN VIL'GELMOVICH, 1806-1886

Geological study of the main range of the Caucasus by G.V.Abikh. S.B.Dotsenko. Vop. ist. est. i tekh. no. 7· 149-154 '59

ABKHAZIA—AZALEA

Azalea culture in Abkhazia. K.G.Pachuliia. Trudy Sukh. bot. sada no.11:473-481 '58.

ABKHAZIA—CAMPANULA

New species of campanula from Abkhazia. V.S.IAbrova-Kolakovskaia. Trudy Sukh. bot. sada no.11·455-460 '58.

ABKHAZIA—DWELLINGS

Adzhindzhal, L. [Abkhazian dwellings] Zhilishcha abkhazov. Sukhumi, Abkhazskoe gos. izd-vo, 1957. 125 p.

ABKHAZIA—EVERGREENS—DISEASES AND PESTS

Pests of evergreen decorative plants of the Black Sea region in western Georgia (Abkhazia) and their control [with summary in English]. V.N.Vashadze. Trudy Sukh. bot. sada no. 11;197-228 '58.

ABKHAZIA—GLADIOLUS

Growing gladiolus in the Abkhazian shore area [with summary in English]. T.A.Chochua. Trudy Sukh. bot. sada no.11·437-454 '58.

ABNORMALITIES (ANIMALS)

An abnormal form of the ide. L A Kuderskii Trudy Kar fil AN SSSR no 13 198-199 '58

ABNORMALITIES (PLANTS)

Polyphyllous secondary (summer) shoots in Pinus silvestris L and Pinus pallasiana Lamb on sands of the lower Dnieper Valley M P Kovalenko Bot zhur 45 no 1 152-153 Ja '60

ABRAHAM, The Patriarch

Abraham. V Shcheglova. Brat vest no. 2·19-12 '59

ABRASIVES—STANDARDS

Verifying compliance with standards for abrasives. P.A. Gavrilov, S.S.Litvin. Standartizatsiia 24 no.2 40 F '60.

ABROSIMOVA, TAT'IANA FEDOROVNA, 1899-

Tat'iana Fedorovna Abrosimova. L.A.Shifrin. Med. sestra 19 no.1 40-41 Ja '60.

ABSORPTION

Effect of the SO_2 concentration in a gas on absorption rate of SO_2 in different solutions. B A Chertkov Khim prom no 7 586-591 O-N '59

Effect of the temperature on the rate of absorption of SO_2 from gases B A Chertkov, D L Puklina. Zhur prikl khim 33 no 1·9-13 Ja '60.

Effectiveness of the absorption of nitrogen oxides in bubble-cup columns. V.I. Atroshchenko, V.I Konvisar, E.I. Kordysh. Zhur prikl. khim. 33 no 2·289-205 F '60.

Hydrodynamics and the mass-exchange capacity of a centrifugal hollow tower S.F.Khokhlov. Khim mash. no. 1,24-27 Ja '60.

ABSORPTION OF LIGHT

Light absorption by the Tien Shan spruce. V. S. Sokolova. Trudy Sekt. astrobot. AN Kazakh SSR 7:139-148 '59.

Probability method for analyzing properties of absorption and emission. P. A. Apanasevich. Izv. AN SSSR. Ser. fiz. 24 no. 5·509-513 My '60.

Secondary processes of light absorption and emission. B. I. Stepanov, A. M. Samson. Izv. AN SSSR, Ser. fiz. 24 no. 5:502-508 My '60.

Utilization of radiant energy by plants as related to altitude. V. P. Bedenko. Trudy Sekt. astrobot. AN Kazakh SSR 7:149-155 '59.

ABSTRACTION

Two ways of generalizing relationship. A. M. Matiushkin. Dokl. APN no. 3:97-100 '59.

ABU-L-BAFA, 940-988

Arithmetical treatise of Abu-l-Bafa; Arabian canonical fractions. M.I.Medovoi. Vop. ist. est. i tekh. no. 8: 101-106 '59.

ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R.

Fourteenth meeting of the general assembly of the Academy of Medical Sciences of the U S.S.R. L G. Ratgauz, V.I.Uskov. Voen.-med zhur. no 2·91-96 F '60

ACADEMY OF SCIENCES OF THE U. S. S. R

Annual general meeting of the Department of Technological Sciences of the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2· 173-175 Mr-Ap '60.

Appointments and transfers. Vest. AN SSSR 30 no. 5:80 My '60.

Awarding diplomas of foreign members of the Soviet Academy of Sciences to a group of French scientists. Vest. AN SSSR 30 no. 5:80 My '60.

ACADEMY OF SCIENCES OF TURKMEN see Turkmen Academy of Sciences

ACCADIANS (SUMERIANS) see Sumerians

ACCELEROMETERS

Designing piezoelectric accelerometers with minimum side sensitivity. P V. Novitskii, P D Presniakov, M.M. Fetisov. Priborostroenie no. 1:15-17 Ja '60.

ACCIDENTS

Organization of orthopedic and traumatological aid for children in the R. S. F. S. R. M. N. Goncharova. Ortop., travm. i protez. 20 no. 12·33-30 D '59.

Sanitary education in the prevention of injuries. S.IA. Freidlin. Ortop., travm. i protez. 20 no. 12:39-41 D '59.

ACCLIMATIZATION

Inoculations or hardening? D. F. Pietaltyi. Zdorov'e 6 no. 2:3-5 F '60

ACCLIMATIZATION (PLANTS)

(see also subdivision under Kiev)

Importance of the photoperiodic response in the acclimatization of southern annuals V A Makrevych Trudy Bot sada AN URSR 6 3-16 '59

The secrets of plants are discovered. L. Darova. Mr [illegible] 3 no. 12·218-219 '59.

ACCORDION

Blagodatov, G. I. [Russian accordion; an outline history of the instrument and its role in Russian folk music] Russkaia garmonika, ocherk istorii instrumenta i ego roli v russkoi narodnoi muzykal'noi kul'ture. Pod red. F. A. Rubtsova. Leningrad, Gos. muzykal'noe izd-vo, 1960. 181 p.

ACCOUNTABILITY see Liability (Law)

ACCOUNTANTS

Image of the Soviet accountant in literature and motion pictures. N. Veitsman Bukhg uchet 17 no 3 61-65 Mr '60

ACCOUNTING

(see also subdivision under Latvia; Moscow Province, Navlya; United States)

Central accounting office of the regional economic council and the main accounting office of a plant in the struggle for the realization of decision made by the 21st Congress of the CPSU. A. Koshpur and others. Bukhg. uchet 16 no. 12;5-11 D '59.

For more objectivity and depth. N. Veitsman. Bukhg. uchet 16 no. 12,63-65 D '59.

Influence of technological progress on production accounting and the calculation of producing costs. M. Zhebrak Bukhg. uchet 17 no 1;5-14 Ja '60

Journal-voucher accounting. Bukhg. uchet 16 no. 12,54-58 D '59.

Our practice in organizing accounting for payments of goods sold on credit. V. Sag. Bukhg. uchet 16 no. 12, 36-40 D '59.

Seleznev, S I [Uniform journal-voucher accounting system; basic principles] Edinaia zhurnal'no-ordernaia forma schetovodstva; osnovye printsipy. Moskva, Gosfinizdat, 1960. 77 p.

State budget and accountants' tasks. Bukhg. uchet 16 no. 12;1-4 D '59.

Uniform accounting plan and instructions for its application. P. Bezrukikh, G. Granovskii Bukhg uchet 17 no 2 63-71 F '60.

A useful collection ("Journal-order form of bookkeeping in commerce," Reviewed by G. Dundukov, A. Koprienko, P. Kamyshanov). Sov. torg. 33 no. 2:57-58 F '60.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—CONGRESSES

International Congress on the Organization and Mechanization of Accounting. Bukhg. uchet 16 no. 12;68-71 D '59.

The interuniversity conference on accounting and analysis. T. S. Mitiushkin. Uchet i fin. v kolkhoz i sovkhoz 17 no. 1·62-64 '60.

Interuniversity conference on accounting and analysis of managerial operations. Bukhg. uchet 17 no 1 65-72 Ja '60.

ACCOUNTING—STUDY AND TEACHING

(see also subdivision under Odessa)

Academic work of the departments of accounting and analysis of economic operations. S. Tatur. Bukhg uchet 16 no. 12;12-19 D '59.

ACUPUNCTURE (Continued)
Gor'kii. Gor'kovskii gosudarstvennyi meditsinskii institut. [Chen-chiu therapy; materials of a conference on the problems of the physiological basis and practical use of needle puncture and cauterization (chen-chiu)] Chzhen' tszi-terapiia; materialy konferentsii po voprosam fiziologicheskogo obosnovaniia i prakticheskogo primeneniia metoda igloukalyvaniia i prizhiganiia (chzhen' tszi). Pod red. V.G.Vogralik. Gor'kii, 1959. 111 p. [illegible]

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ADAPTATION (BIOLOGY)
Conference on the problem of accommodation reactions and methods for increasing the resistance of the organism to unfavorable influences. [illegible] Zhur. mikrobiol., epid. i immun. 31 no.1 156-158 Ja '60.
Ontogenetic morphogenesis and the environment [with summary in English]. G.A.Shmidt. Arkh. anat., gist. i embr. [illegible] '60
Some results of ecological and physiological research. A.D. [illegible] Trudy Inst. biol. [illegible] '60.

ADDIS ABABA - HOSPITALS
Outpost of humanity in Ethiopia. [illegible]

ADENAUER, KONRAD, 1876
[illegible]

ADENOSINE TRIPHOSPHATASE
Effect of [illegible]

ADENOSINE TRIPHOSPHORIC ACID
Change in vascular permeability under the influence of adenosine triphosphoric acid; comparative method for determining capillary permeability by vital staining. [illegible] Pat. fiziol. i eksp. terap. 4 no.1 66-70 Ja-F '60.
Data on the dynamics of adenosine triphosphoric acid in muscle [with summary in English]. D.L.Ferdman, [illegible] Biokhimiia [illegible]
Intensity of renewal of adenosine triphosphoric acid (ATP) components in [illegible] muscle [with summary in English]. [illegible] Biokhimiia [illegible] '60.
[illegible]

ADHESION
Adhesion of high polymers. Part 3. Adhesion of [illegible] [with summary in English]. S.S.Voiutskii, [illegible]

ADMINISTRATIVE LAW
Answering [illegible] questions. Sov. just. [illegible] '60.
Answering our readers' questions. Sov. just. [illegible] Mr '60.

ADMINISTRATIVE REMEDIES
(See also subdivision under [illegible] District, Chechen-Ingush A.S.S.R. [illegible] District)
An office received a complaint. [illegible] Sov. just. no.2 [illegible] '60.

ADONIS
Cardiac glycosides of Adonis vernalis. D.G.Kolesnikov, [illegible] Med. prom. 14 no.1 [illegible] '60
Extraction of cymarin from the roots of Adonis chrysocyathus. N.K.Abubakirov, [illegible] Dokl. AN Uz SSR no.12 29-30 '59.
Photocolorimetric method for the determination of the activity of adonizide. [illegible] Med. prom. 14 no.2 [illegible] F '60.

ADOPTION
Urgent problems. [illegible] no.1 89-91 Ja-F '60.

ADRENAL CORTEX
Effect of certain new cholinolytic substances on the function of the adrenal cortex; clinical and experimental investigation [with summary in English]. T.A.Mel'nikova, [illegible] Probl. endok. i gorm. 5 no.5 11-19 S-O '59.
Effect of various X-ray doses on corticosteroid secretion in rabbits [with summary in English]. V.M.Rodionov, L.O.Orlova, [illegible] Pat. fiziol. i eksp. terap. 4 no.1 24-28 Ja-F '60
Treatment of patients with skin diseases in the light of the adrenal cortex [with summary in English]. M.M. [illegible] Sov. med. 24 no.1 85-89 Ja '60

ADRENAL GLANDS
Role of reflexes from the carotid chemoreceptors in the action of nicotine, [illegible]

ADRENAL GLANDS - DISEASES
Adrenocorticotropic hormone (ACTH) in the blood of patients with chronic insufficiency of the adrenal cortex [with summary in English]. [illegible] Probl. endok. i gorm. [illegible]

ADRENAL GLANDS - EXCISION
Changes in the connective tissue [illegible] following [illegible] removal of the adrenal glands. [illegible] Arkh. anat. [illegible] '60.

ADRENAL GLANDS - INNERVATION
[illegible] pathways of the afferent innervation of the adrenal glands. [illegible]

ADRENAL GLANDS - TUMORS
A case of pheochromocytoma of the adrenal [illegible] Probl. endok. i gorm. 5 no.5 105-106 S-O '59.

ADRENALINE
Calcium level in the blood [illegible]
Changes in the [illegible]
Effect of retrobulbar injection of adrenaline and novocaine on intraocular pressure in glaucoma patients. A.A.Volkova, [illegible]
Effect of [illegible]
Mechanism [illegible]

ADRENOCORTICOTROPIC HORMONE see ACTH

ADSORBENTS
Selectivity [illegible]

ADSORPTION
Adsorption [illegible]
Effect of [illegible]
Mechanism of [illegible]
[illegible]
Study of the adsorption [illegible]

ADULT EDUCATION
(See also subdivision under [illegible])
[illegible]
Department for [illegible]
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School for [illegible]
[illegible]
Strengthen the [illegible]
Why there aren't [illegible]

ADVERTISING
[illegible]

ADYGE LANGUAGE - [illegible]
[illegible]

ADZHAR A.S.S.R. - [illegible]
[illegible]

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAPHY
[illegible]

AERIAL PHOTOGRAPHY [illegible]

AERODYNAMICS [illegible]
[illegible]

AERODYNAMICS
[illegible]

AERODYNAMICS - [illegible]
[illegible]

[illegible]

AERONAUTICS IN FORESTRY

Three thousand hectares of forest planted from the airplane A A Marusov. Les khoz. 12 no 1 64 Ja '60

AEROSOLS

Distribution of particles according to size in dust aerosols. A. S. Burchakov. Izv. vys. ucheb zav., gor. zhur. no. 10 59-62 '59.

Nephelometric method for determining aerosols of lubricating oils (turbine, spindle, machine) in factory air M. I. Poletaev. Gig. i san. 25 no. 1·61-62 Ja '60.

Quantitative evaluation of the absorption of medicinal aerosols during inspiration V. I Somin, V A. Pis'mennyi Farm i toks 22 no 6:539-541 N-D '59

What we gained from the use of aerosols. V. F. Zavedniuk Les khoz. 12 no 2·45-46 F '60

AESCHYLUS, 525-456 B. C.

Fragmentary papyri of Aeschylus' satirical dramas. V. N. IArkho. Vest. drev. ist. no. 4·131-153 '59.

AESTHETICS

An artist is responsible for his talents. IUr. Zubkov. Teatr. zhizn' no. 24:3-5 D '59.

Are aesthetic values inherent to reality? L. N. Kogan. Nauch. dokl. vys. shkoly, filos. nauki no. 4·145-152 '59.

The beautiful in life. V. Skatershchikov. Oktiabr' 37 no. 1 134-139 Ja '60

Our life must be beautiful. M. Ladur. Kommunist 37 no. 9.66-76 Je '60.

Overcome the distance! L. Stolovich. Isk. kino no. 2: 70-76 F '60.

A poet's say about the critic. Vladimir Sosiura. Sov. Ukr. 9 no. 7:144-149 Jl '59.

V. I. Lenin's work "Materialism and empiriocriticism" and questions of aesthetics. M. Ovsiannikov. Iskusstvo 22 no. 4 8-12 '59.

AESTHETICS—STUDY AND TEACHING

Aesthetical education in an orphanage. O. A. Apraksina. Det. dom 15 no. 4:47-56 '59.

AFFORESTATION

(see also subdivision under Chernigov Province, Donets Basin; Gorkiy Reservoir region, Karelia)

Afforestation in the Far North. I. N. Balbyshev. Put' i put. khoz. 4 no. 2:34-35 F '60.

Derlabin, D. I. [Methods of reconstructing newly afforested areas] Sposoby rekonstruktsii molodykh lesonasazhdenii. Moskva, Goslesbumizdat, 1960. 64 p. (DA)

Factors determining natural reproduction in the Amur cork tree (Phellodendron amurense Rupr.) A P. Nechaev. Bot. zhur 45 no 1 77-84 Ja '60.

Planting trees in the tundra and forest-tundra I. N Balbyshev Les khoz 12 no. 1,33-36 Ja '60

Popov, V. V. [Scientific principles underlying the raising of broadleaf forests in the northern forest steppe] Nauchnye osnovy vyrashchivaniia shirokolistvennykh nasazhdenii v severnoi lesostepi. Moskva, Izd-vo Akad. nauk SSSR, 1960. 316 p.

Second edition of the textbook on land improvement through afforestation ("Land improvement through afforestation" by N. I. Sus and others Reviewed by B V. Shcherbakov) Les. khoz 12 no. 1·82 Ja '60.

Three thousand hectares of forest planted from the airplane A A. Marusov. Les. khoz. 12 no 1 64 Ja '60.

Wide-row seeding combined with furrow irrigation B. V. Rubanov Les. khoz. 12 no 1 65 Ja '60.

AFGHANISTAN—FOREIGN RELATIONS—RUSSIA

V. I Lenin's message to the Emir of Afghanistan, documents. Nov. vrem 18 no. 22:16-17 My '60.

AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN

The Soviet Union and Afghanistan. A. Biriukov. Nov. vrem 18 no. 22;16-17 My '60

AFLATUNIA see subdivision under Soviet Central Asia

AFRICA—BRITISH COLONIES

Macmillan in Africa. L. Stepanov. Nov. vrem. 18 no. 7:14-15 F '60.

AFRICA—DESCRIPTION AND TRAVEL

Foreign potpourri. Sov. Ukr. 10 no. 1:183-188 Ja '60.

AFRICA—FOREIGN RELATIONS—GREAT BRITAIN

Macmillan in Africa. L. Stepanov. Nov. vrem. 18 no. 7·14-15 F '60.

AFRICA—LABOR AND LABORING CLASSES

Africa's laboring class and the collapse of colonialism. Alla Liubarskaia. Nov vrem. 18 no. 22:18-20 My '60.

AFRICA—NATIONALISM

Africa will gain its freedom. N. Prozhogin. Ogonek 38 no. 6,4 F '60.

AFRICA—POLITICS

Africa; prospects for 1960. V pom. polit. samoobr. 4 no. 1:140-141 Ja '60.

Bandung, a quest for progress. Isak Mahdi. Sovr. Vost. no 5:20 My '60.

Datlin, S. V. [Africa is casting her chains off] Afrika sbrasyvaet tsepi. Moskva, Gos. izd-vo polit. lit-ry, 1960. 78 p.

AFRICA—RACE DISCRIMINATION

Akademiia nauk SSSR. Institut vostokovedeniia. [Race descrimination in African countries] Rasovaia diskriminatsiia v stranakh Afriki. Moskva, Izd-vo vostochnoi lit-ry, 1960. 255 p.

AFRICA, CENTRAL—LANGUAGES

International linguistic expedition to Central and Western Africa in 1949-1951. A. I. Sobchenko. Trudy Inst. etn. 52·209-212 '59.

AFRICA, NORTH—DAMS

Maslov, N. N., and Z. V. Pil'gunova. [Dams of North Africa, from the design and construction practice] Plotiny Severnoi Afriki; iz praktiki proektirovaniia i stroitel'stva. Moskva, Gos. energ. izd-vo, 1960. 133 p.

AFRICA, NORTH—ECONOMIC CONDITIONS

Genin, U. A., and B. M. Dantsig. [Countries of southwestern Asia and North Africa; economic-geographical survey. Textbook for teachers] Strany IUgo-Zapadnoi Azii i Severnoi Afriki; ekonomiko-geograficheskii obzor. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 270 p.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICA, WESTERN—LANGUAGES

International linguistic expedition to Central and Western Africa in 1949-1951. A. I. Sobchenko. Trudy Inst etn. 52·209-212 '59.

AGA BURYAT NATIONAL AREA—STOCK AND STOCK-BREEDING

In the wide steppes of Transbaikalia B. Mazhiev Part. zhizn' no 10 52-54 My '60

AGAR

Determination of toxigenic properties of hemolytic streptococci by means of agar precipitation method [with summary in English]. T A. Terent'eva Zhur. mikrobiol epid i immun 30 no 12:27-30 D '59.

AGE

Characteristics of the structure of the abdominal muscles [with summary in English]. G. S. Katinas. Arkh. anat. gist. i embr. 37 no. 12:71-80 D '59.

Determining the age of the red-tailed gerbil (Meriones erythrorus Cray) [with summary in English]. R. V. Gintlis. Biul. MOIP. Otd. biol. 64 no. 6 23-30 N-D '59.

Electrical activity of the muscles and chemical thermoregulation in white rats of various ages. K P. Ivanov, S. I. Teng. Fiziol. zhur. 46 no. 1 61-70 Ja '60.

Functional characteristics of the structure and age changes of the muscles of the forearm in man [with summary in English]. E. A. IAkovleva. Arkh. anat. gist. i embr. 37 no. 12:35-44 D '59.

Role of the higher segments of the central nervous system, the age factor and the sex hormones in the pathogenesis of experimental (alloxan) diabetes. I. M. Sokoloverova. Trudy Inst. fiziol. 8;312-320 '59.

Some age characteristics of the effect of the somatotropic hormone of the pituitary body on nucleic acid metabolism [with summary in English] I. N. Todorov. Biokhimiia 24 no. 6.1010-1010 N-D '59.

AGED—MEDICAL CARE

Old age ailments can be treated! T. Popova Sots. obesp 21 no 1·36 Ja '60

AGED—RECREATION

"Morphophysiological and pathological changes in the osteoarticular structure of older athletes" by A I. Kurnchenkov. Reviewed by IU. V. Bukin Teor. i prak. fiz. kul' 23 no. 1:66-68 '60.

AGGLUTINATION

Relation of the results of the Weil-Felix reaction to agglutination properties of Proteus strains [with summary in English]. V. I. Bondarenko. Zhur. mikrobiol. epid. i immun. 30 no. 12:15-21 D '59.

AGGLUTININS

Method for preparing anti-P sera Report no. 1. M. V. Mishakova. Sud.-med ekspert. 3 no. 1:32-37 Ja-Mr '60.

AGGLUTINOGENS

Detection and investigation in human sera of antibodies to the agglutinogens P, S, Le, Lu, K, Fy L. K. Arzhelas and others. Sud-med. ekspert. 3 no. 1:27-32 Ja-Mr '60.

Method for detection of Rh₀ (D) agglutinogen in blood stains. Z. F. Vasil'eva. Sud.-med. ekspert. 2 no. 4· 35-39 O-D '59.

AGGREGATES

External bases of sets lying in bicompacts. A. Arkhangel'skii. Dokl. AN SSSR 132 no. 3:495-498 My '60.

First manuals and monographs on the theory of sets. F. A. Medvedev. Trudy Inst. ist. est. i tekh. 28;237-249 '59

Some plane B-sets which can be split. E. A. Shchegol'kov. Uch. zap. MGZPI no. 3:182-195 '59.

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Akhalkalak District)

Rat'kovskii, L. P. [Producing concrete aggregates using rock products] Proizvodstvo nerudnykh materialov - zapolnitelei dlia betona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 203 p.

AGRANOVSKII, ANATOLII

Using dreams as a weapon ("Report from the future" by Anatolii Agranovskii. Reviewed by V. Surganov). Oktiabr' 37 no. 2 217-219 F '60.

AGRARIAN QUESTION see Land tenure

AGRICULTURAL ADMINISTRATION

(see also subdivision under Kazakhstan; Krasnoyarsk; Tatar A. S. S. R.; Ternopol Province)

Legal and administrative guidance of collective farms by the executive committees of the local soviets. V. Betsa. Rad. pravo no. 1:43-50 Ja-F '60.

AGRICULTURAL BACTERIOLOGY see Bacteriology, Agricultural

AGRICULTURAL CHEMISTRY

Chemistry in agriculture. O. Dobroliubs'kyi. Nauka i zhyttia 9 no 11·35-38 N '59.

Modern chemistry and agriculture. L. A. Korobeinikova. Politekh. obuch. no. 12:62-67 D '59.

AGRICULTURAL CREDIT

(see also subdivision under White Russia)

On the organization of finance and issuing credit to collective farms. V. Khotsevich and others. Den. i kred. 18 no. 5:50-54 My '60.

AGRICULTURAL EDUCATION see subdivision under Petrovskoye District (Stavropol Territory)

AGRICULTURAL ESTIMATING AND REPORTING

Determining the weight gain of the green bulk of corn. Z. P. Drozdova, V. V. Svetlova. Meteor. i gidrol. no. 5· 41-42 My '60.

AGRICULTURAL IMPLEMENTS

(see also subdivision under Guslanya Valley, Moldavia)

Evaluating various protecting devices of tillage implements. I. M. Panov. Trakt. i sel'khozmash. 30 no. 2:25-27 F '60.

Mounted machinery and equipment. G. Kal'bus, S. Karpenko Sel'. mekh. no 2·30-31 '60.

New implements for the basic improvement of Solonetz and Podzolic soils. T. G. Borov. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no. 1/2;19-21 '57.

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LABORERS see subdivision under Kazakhstan; Ukraine

AGRICULTURAL LABORERS—DISEASES AND HYGIENE see subdivision under Tomsk Province

AGRICULTURAL LABORERS—MEDICAL CARE see subdivision under Kalinovka (Kursk Province); Kostroma District (Kostroma Province)

AGRICULTURAL LAWS AND LEGISLATION

(see also subdivision under Byzantine Empire)

Legal regulation of the property rights of collective farms and their members G Dobrovol'skii Sots. zakon 37 no. 3 7-13 Mr '60

Protection of collective farm property is an important task of the local soviets of workers' deputies. D. Kliukin Rad. pravo no 6·30-34 N-D '59.

AGRICULTURAL MACHINERY

(see also subdivision under Bashkiria, Frunze; White Russia)

Automatic hitches for connecting semitrailers with tractors. D. M. Sologub. Trakt. i sel'khozmash. 30 no. 2:8-9 F '60.

Continuing our talk. A Smirniagina. Tekh mol. 28 no. 1 4 '60

Developing mechanized methods of snow retention. D. A. Gleiberzon, M. K. Kuznetsova. Trudy KIMESKH 3·7-31 '59.

Four years' experience in the mechanized cultivation of corn. V. P. Petrov, B. G. Butkevich. Zemledelie 8 no. 2:63-69 F '60.

If we don't think of people, . . . I. Kazannikov. Okhr. truda i sots. strakh. no. 1,50-52 Ja '60.

Is the machinery ready for the spring season? F. Seleznev. Agitator no. 3:40-41 F '60.

Kolomiets, A. A. [Machinery and tools for over-all mechanization of vegetable growing] Mashiny i orudiia dlia kompleksnoi mekhanizatsii ovoshchevodstva. [Moskva] Mosk. rabochii, 1960. 275 p.

Machine for speeding up the formation of meadows. G. M. Buzenkov. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no. 1/2;33-36 '57.

Mechanizers are "for it" K Borin. Tekh. mol. 28 no 1 2 '60

Mounted machinery and equipment. G Kal'bus, S. Karpenko. Sel'. mekh. no 2;30-31 '60.

AGRICULTURAL MACHINERY (Continued)

New way of preparing blades for cutter parts on agricultural machinery I A. Noritsyn, S. Sh. Ashaev. Kuz.-shtam. proizv. 2 no 1 10-14 Ja '60.

Role of technological progress in reducing costs of agricultural products M. I. Takumbetov. Trudy BFAN SSSR Ser ekon no 1, pts. 1 and 2 78-95 '59

Technical and economic evaluation of the service reliability of machinery. F. I. Gavrilov. Trakt. i sel'khozmash 30 no. 2:28-30 F '60.

A useful pamphlet ("Determining the requirement of collective and state farms for agricultural machinery" by A S Grigor'ev, and others Reviewed by M Chistopolov) Sel' mekh no 1 40 '60

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Cherkassy District)

According to schedule. N Shtein, N Babich Sel'. mekh no 2:6-8 '60

BF-2 glue for the repair of machinery parts Sel' mekh no 1 37 '60

Favorite occupation E Makovskii Sel' mekh no 1 43-44 '60

I have much work I. Bykov. Sel' mekh. no 2:14-15 '60

Let's get our machinery into perfect condition. A Zuev. Sel' mekh no 2:15-16 '60

AGRICULTURAL MACHINERY—SAFETY MEASURES

IAtsenko, V. A [Safety engineering in the operation of agricultural machinery] Tekhnika bezopasnosti pri ekspluatatsii sel'skokhoziaistvennykh mashin Moskva, Gos nauchno-tekhn izd-vo mashinostroit. lit-ry, 1959. 359 p.

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

Actual problems in the development of agricultural machinery A Dubrovskii NTO 2 no 1 9-11 Ja '60

Factory laboratory promotes technical development. P. M. Sapov. Mashinostroitel' no 2 24 F '60.

Fertility machine. L. IUdasin. Znan. sila 35 no. 1 8-11 Ja '60.

For mechanization promoters in agriculture. A. A. Isaenko. Mashinostroitel' no. 2 4-6 F '60

Let us produce more agricultural machines of efficient types. Mashinostroitel' no 2:1-2 F '60.

AGRICULTURAL MACHINERY INDUSTRY

(see also subdivision under Frunze, Kazakhstan)

Carrying into effect resolutions of the Plenum of the Central Committee of the Communist Party of the Soviet Union. Trakt. i sel'khozmash. 30 no. 2:1-2 F '60.

Mechanization in agriculture and our objectives. Kuz.-shtam. proizv. 2 no. 1:1-2 Ja '60.

New automatic lines. N. F. Sokolov. Trakt. i sel'khozmash. 30 no. 2:38-39 F '60.

AGRICULTURAL MACHINERY INDUSTRY—ACCOUNTING see subdivision under Lyubertsy

AGRICULTURAL MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Speed up technological reequipment of the tractor and agricultural-machinery industries Stan. i instr. 31 no. 1:1-2 Ja '60.

AGRICULTURAL MUSEUMS see subdivision under Brest District

AGRICULTURAL PESTS

Current status of the problem of predicting pests and diseases among farm animals. I. IA. Poliakov. Trudy VIZR no. 12 203-219 '58.

AGRICULTURAL PHYSICS

Physics and technological progress in agriculture. A. F. Ioffe, I B Revut Novyi mir 35 no. 11:157-165 N '59

AGRICULTURAL POLICY

(see also subdivision under Europe, Western; Kazakhstan, Ukraine)

Program for efficient action. Part. zhizn' Kazakh. 30 no. 1:9-10 Ja '60.

Some problems relating to technological progress in agriculture. T. Basiuk. V pom. polit. samoobr. 4 no. 1:55-65 Ja '60.

Toward new achievements in Soviet agriculture. Biol. v shkole no. 1 3-5 Ja-F '60

Toward new successes in the development of agriculture. Gidr. i mel. 12 no 1 3-7 Ja '60

AGRICULTURAL RESEARCH

(see also subdivision under Moscow Province; Ryazan Province, Ukraine)

Contribution of science to the fields and farms. Nauka i zhizn' 27 no. 1 5-9 Ja '60.

Co-operation of Russian and Ukrainian scientists in the development of agricultural science. P. A. Vlasiuk. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no. 3:3-15 '55.

Leningrad. Vsesoiuznyi institut rastenievodstva [Materials of a conference of postgraduate students and young researchers dedicated to the 21st Congress of the Communist Party of the Soviet Union] Materialy nauchnoi konferentsii aspirantov i molodykh nauchnykh sotrudnikov, posviashchennoi XXI s"ezdu Kommunisticheskoi partii Sovetskogo Soiuza Pod red E N. Sinskoi Leningrad, 1959 140 p.

Raise the standards of research to meet the tasks of agriculture Dop UASHN 3 no 1:3-5 Ja-F '60

AGRICULTURAL STATISTICS

Study of time expended per unit of agricultural production at various stages of work mechanization A A Ivanchenko Uch. zap po stat 5 163-197 '59.

AGRICULTURE

(see also subdivision under Altai Territory, Aryk-Balyk District, Asia, Chernovtsy Province, China, Dzerzhinsk District, Minsk Province, Germany, East, Kazakhstan; Kimovsk District, Konstantinovka District; Lenin District, Moscow Province, Mar'inka District, Minsk Province, Moldavia, Moscow Province, Mosty District, North Kazakhstan Province, Orsha District, Palkino District, Pavlodar Province, Polesye, Shevchenkovo District, Siberia, South Kazakhstan Province, Stalino Province, Syr-Darya Valley, Sysert' District; Ternopol Province; Tosno District, Ukraine, Uzbekistan, White Russia)

Bring books into the service of the new upsurge in agriculture. G Al'tshul'. Sov. knizh. torg. 12 no. 1:6-9 Ja '60.

Collective and state farms in the second year of the seven year plan V Matskevich Znamia 30 no 3:173-183 Mr '60

Dates, events, and people. Komm. Bel. 34 no. 2:76-78 F '60.

December Plenum of the Central Committee of the Communist Party of the Soviet Union. Pochvovedenie no. 1 3-4 Ja '60.

Decisions of the December Plenum of the Central Committee of the CPSU point the way to new successes in the development of agriculture Kons i ov prom 15 no 2 1-3 F '60

"The earth that feeds us" by K Merkul'eva. Reviewed by IU. Tonin Zvezda no 11:214 N '59

Extensive program for the development of agriculture. Vest. sel'khoz. nauki 5 no. 1:3-11 '60.

The facts of life and the facts of art ("This is where their hearts are" by A. Gorobova. Reviewed by D. Miliutina). Oktiabr' 37 no 1:219-221 Ja '60.

For a further development of agriculture. Khim. v shkole 15 no. 1:3-4 Ja-F '60.

Matter of honor for all agricultural workers Kolh. Ukr 7 no 2 1-2 F '60.

Methods of raising agricultural standards [with summaries in English, German, and French]. N. A. Korzh, I. P. Vasil'ev, A. I. Bovsunovskii. Vest. sel'khoz. nauki 5 no. 1:28-35 '60.

Momentous events of our time. Sov. deput. trud. no. 2:3-12 F '60.

Program for the efficient development of agriculture. Komm. Ukr 35 no. 1,2-11 Ja '60.

Program for the further development of agriculture. V pom. polit. samoobr. 4 no. 1:18-27 Ja '60.

Pushbutton cornucopia. Amerika no. 41:40-43,55 '60.

Put all possibilities into action. Sel'. mekh. no. 2:1-2 '60

Recommended subjects for lectures, reports, and talks. Komm. Mold. 5 no. 1:67-69 Ja '60.

To work, comrades! Kul't.-pros. rab. 21 no. 1:4-5 Ja '60

AGRICULTURE—ACCIDENTS

"Accident prevention in mechanized agriculture" by S. A. Andreev. Reviewed by V. Ch. Brzheskii. Ortop., travm. i protez. 20 no. 12:60-61 D '59.

Role of medical centers in the prevention of accidents in agriculture. R. L. TSvang. Fel'd. i akush. 25 no. 2:50-51 F '60.

AGRICULTURE—ACCOUNTING

The December Plenum of the Central Committee of CPSU and accountants' tasks Bukhg uchet 17 no. 1:1-4 Ja '60

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Scientific conference on an urgent problem. I. A. Kurtov. Vest. vys. shkoly 17[i. e. 18] no. 5:64-67 My '60.

AGRICULTURE—COSTS see subdivision under Bashkiria

AGRICULTURE—ECONOMIC ASPECTS

Basiuk, T. L. [Differential rent in socialist agriculture] Differentsial'naia renta v sotsialisticheskom sel'skom khoziaistve. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 56 p.

Drastic reduction of production costs is the basic economic problem of collective farms. L. M. Klets'kyi. Kolh Ukr 7 no. 2:15-16 F '60.

Method for conducting practical studies on the analysis of economic operations. G. Postnikova Bukhg. uchet 16 no. 12:34-37 D '59.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION

Law governing the variation of respiration intensity in potato leaves and tubers and sugar beet roots in relation to temperature. V. V. Savel'ev. Biul. MOIP. Otd. biol. 64 no. 6 163 N-D '59.

Relation between the weight of tops and the yield of tubers in the potato plant. V. V. Savel'ev. Biul. MOIP. Otd. biol. 64 no. 6 167 N-D '59.

Relationship between the tuber weight of seed potatoes and the number of stems sprouting from them. V. V. Savel'ev. Biul. MOIP. Otd. biol. 64 no. 6 165 N-D '59

AGRICULTURE—FINANCE

(see also subdivision under Voronezh Province)

For the further expansion of agriculture. [illegible] kolkhoz. i sovkhoz 17 no 1:2-4 Ja '60

AGRICULTURE—LABOR PRODUCTIVITY

(see also subdivision under Moldavia, Ukraine)

Ivanchenko, A. A., and P. S. Minakov. [Method of planning labor productivity in agriculture] Voprosy metodiki planirovaniia proizvoditel'nosti truda v sel'skom khoziaistve. Moskva, Gosplanizdat, 19[illegible] 142 p.

Possibilities for increasing labor productivity in the agriculture of the U. S. S. R. [with summaries in English, German, and French]. A. I. Tulupnikov. Vest. sel'khoz. nauki 5 no. 1:12-22 '60.

AGRICULTURE—MAPS

Work on the agricultural atlas of the U. S. S. R. S. F. Soldatov. Geod. i kart. no. 12:49-53 D '59.

AGRICULTURE—PERIODICALS see subdivision under Cherkassy Province

AGRICULTURE—PRODUCTION STANDARDS see subdivision under Kazakhstan

AGRICULTURE—STATISTICS

Russia (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Soviet agriculture; a statistical manual] Sel'skoe khoziaistvo SSSR; statisticheskii sbornik Moskva, 1960. 665 p.

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Andizhan Province, Ryazan; Voronezh Province)

Apply the experience of progressive workers in agriculture to practical training. V. F. Nemtsov. Vest. vys. shkoly 18 no. 6:32-38 Je '60.

Constructive application of organizational forms in the agricultural work of students. P. I. Sklarov [illegible] obuch. no. 12:27-28 D '59.

Give continuous attention to students' work according to seasonal schedule. Vest. vys. shkoly 17[i. e. 18] no. 5 3-5 My '60.

Let's achieve close contact between academic instruction and practical training. A. K. Il'ichev. Vest. vys. shkoly 18 no. 6:38-43 Je '60.

This should not be. Politekh. obuch. no. 12:64-65 D '[illegible]

University of agricultural knowledge. M. Rzhaksenskii. Kul't.-pros. rab. 20 no. 12:10-12 D '59.

AGRICULTURE, COOPERATIVE see subdivision under Bulgaria, Communist Countries

AILAMAZIAN, TAMARA KARAPETOVNA

Tamara Karapetovna Ailamazian. G. TS. Lilo[illegible]. Med. sestra 19 no. 1:41-42 Ja '60.

AIR—ANALYSIS

Determination of aniline vapors in air. E. V. Gerts, A. A. Russkikh. Zav. lab. 26 no. 1:58 '60.

AIR—BACTERIOLOGY

(see also subdivision under Lvov)

Modern methods for a bacteriological analysis of the air. V. V. Vlodavets. Zhur. mikrobiol. epid i immun. [illegible] no. 12:48-54 D '59.

AIR—DRYING

Use of silica gel in cables. T. V. Abramova. Vest. [illegible] 20 no. 1:11-12 Ja '60.

AIR—POLLUTION

(see also subdivision under Poland)

Current status and immediate problems in the sanitary control of air in Soviet cities. IU. D. Lebedev. Gig. i san. 25 no. 1:5-11 Ja '60.

Evaluation of dust in the air of working areas according to the weight and number of the particles. J. Sim[illegible], L. Oppl. Gig. i san. 25 no. 1:97-99 Ja '60.

Pollution of the air of living quarters by carbon monoxide as a result of burning natural gas. D. G. Devliatka. Gig. i san. 25 no. 1:90 Ja '60.

Studying reflex thresholds of atmospheric pollution by electroencephalography. K. A. Bushtueva, E. F. Polezhaev, A. D. Semenenko. Gig. i san. 25 no 1:[illegible] 61 Ja '60.

AIR—POLLUTION—CONGRESSES
Third All-Union Conference on the Hygienic Protection of the Air. L. F. Glebova, S. L. Musovanskia. Gig. i san. 25 no.1:107-109 Ja '60.

AIR, IONIZED
Device for detection of air ionization in three-phase transformers. M. A. Karapetian. Izv. vys. ucheb. zav.; elektromekh. 2 no.12:153-155 '59.
Effect of ionized air on arterial pressure in animals with cross circulation following vagotomy of the respiratory tract. A. M. Skorobogatova. Trudy Inst. fiziol. 8:411-416 '59.
Hygienic significance of air ionization in dwellings. A. A. Minkh. Gig. i san. 25 no.1:78-81 Ja '60.
Medical treatment with ions. V. A. [illegible] 37 no.1:70 Ja '60.

AIR, IONIZED—THERAPEUTIC USE
Therapeutic action of "air vitamins." I. [illegible] Okhr. truda i sots. strakh. no.1:[illegible] Ja '60.

AIR, MOISTURE OF see Humidity

AIR BASES see subdivision under Iran

AIR BASES, AMERICAN
Ominous clouds over NATO. Nov. vrem. 18 no.[illegible] My '60.

AIR COMPRESSORS—AERODYNAMICS
The dynamics at the output of an impeller of the centrifugal stage. [illegible] Izv. vys. ucheb. zav.; av. tekh. [illegible] '60.
Unsteadiness of flow in compressors. V. N. [illegible] Izv. vys. ucheb. zav.; av. tekh. [illegible] '60.

AIR COMPRESSORS—COOLING
Cooling the cylinders of VK-1.5 air compressors with a water recirculation system. V. V. Pentkovskii. Ugol' Ukr. 4 no.1:20-21 Ja '60.

AIR CONDITIONING
Air conditioning in modern mines. K. V. Kochnev. Trudy Gor.-geol. inst. UFAN SSSR no.41:35-40 '59.
Causes of the instability of the towers of air washers [with summary in English]. A. [illegible] no.1:70-71 Ja-F '60.
Determining the rise in difference of the [illegible] of air in calculating cooling towers and air washers [with summary in English]. J. [illegible] 25-29 Ja-F '60.
The KD-25 and KD-36 air conditioners. N. M. [illegible] no.2:51-52 F '60.

AIR FILTERS—TESTING
Basic results in testing [illegible] air filters [illegible]. T. A. [illegible] 144 '59.

AIR FLOW
Measuring temperature in an air flow. I. A. Kalnin, V. I. Perlov. Trudy Inst. tepl. AN URSR no.[illegible] '59.
Solving some problems of air flow taking into consideration the dissociation and ionization. N. N. Kvasheina, V. P. Korobeinikov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.2:34-41 Mr-Ap '60.

AIR PREHEATERS
Methods for designing membrane type heating filters. Yu. E. Gusev, A. P. Miagkov, Yu. A. Kuklakov. Trudy NIIcement no.11:12-30 '59.

AIR TRAVEL
Summer schedule for air travel. T. Tel'nykh. Vnesh. torg. 30 no.5:12 '60.

AIRFOILS
Approximate calculation of pressure distribution over bodies of revolution at the angle of attack and at supersonic speeds. H. I. Shteinberg, V. P. [illegible] Trudy MFTI no.3:86-89 '59.
Supersonic flow past delta wings and wings with subsonic leading edges at the angle of attack. [illegible] Izv. vys. ucheb. zav.; av. tekh. [illegible] '60.

AIRLINES—TIME TABLES
Russia (1923- U.S.S.R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Airplane schedule] Raspisanie samoletov. [Moskva]
No.1 (dated to September 1958; [illegible]) 1958. 38 p.
(PHOTOSTAT)

AIRPLANES
A little bit about many things. [illegible] 35 no.[illegible] F '60.

AIRPLANES—COLD WEATHER OPERATION
Flight preparation in winter. V. Astapov, V. [illegible] Kryl. rod. 11 no.1:18-19 Ja '60.

AIRPLANES—DESIGN AND CONSTRUCTION
Boltov, V. V., and others. [Assembling and mounting work] Sborochnye i montazhnye raboty. Pod obshchei red. V. V. Boltova. Moskva, Gos. izd-vo oboron. promyshl., 1959. 476 p. (Tekhnologiia samoletostroeniia)

Effect of changes in the weight and aerodynamic characteristics of the construction of the flying weight of an aircraft. L. L. Drakin. Izv. vys. ucheb. zav.; av. tekh. 3 no.1:[illegible] '60.
Garbunov, D. N. [Increasing the wear resistance of airplane parts] Povyshenie iznosostoikosti detalei samoletov. Moskva, Gos. nauchno-tekhn. izd-vo oboron. promyshl., 1960. 118 p.
Practices in the fields of interchangeability in airplane construction. N. A. Dombrov. Trudy NIO [illegible] 8 no.[illegible] '59.
Yak-18P. V. [illegible] Kryl. rod. 11 no.1:17-18 Ja '60.

AIRPLANES—ELECTRIC EQUIPMENT
Kulebakin, V. S., and others. [Electric systems of protection, heating, and lighting of airplanes] Elektricheskie sistemy zashchity, obogreva i osveshcheniia samoletov. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 372 p. (Elektrifikatsiia samoletov)

AIRPLANES—JUVENILE LITERATURE
Bogomolov, B., and V. Pakhomov. [Our airplane is flying smoothly] Leningrad, [illegible] 1959. 10 p.

AIRPLANES—LOADING AND UNLOADING
Mechanisms, the loading staff. B. Astashov. Grazhd. av. 17 no.1:[illegible] Ja '60.

AIRPLANES—MODELS
(see also subdivision under [illegible])
[illegible] Ja '60.
[illegible] Ja '60.
[Model airplane building, collection of articles] A manual for technical groups [illegible] 1960. 141 p.

AIRPLANES—ROCKET ENGINES
Nikolaev, B. A. [Power plants, a system of rocket engines] [illegible] Moskva, [illegible] 1960. 142 p.

AIRPLANES—TURBOJET ENGINES
[illegible] Moskva, [illegible] 116 p.

AIRPLANES—WINGS
[illegible] Moskva, [illegible] 1960. 111 p.

AIRPLANES, MILITARY—ARMAMENT
Calculation of the critical [illegible] of the process of [illegible]. L. P. Lavrov. Trudy MAI no.[illegible] '59.
Zhukov, V. N. [Airplane armament] [illegible] Moskva, Voen. izd-vo M-va oborony SSSR, 1959. 133 p.

AIRPORTS see subdivision [illegible] Leningrad

AIRPORTS—EQUIPMENT AND SUPPLIES
[illegible]. V. [illegible] Grazhd. av. 17 no.1:10 Ja '60.

AIRPORTS—MANAGEMENT
Book of good deeds. A. Kolesnikov. Grazhd. av. 17 no.1:10 Ja '60.

AKHALKALAKI DISTRICT—AGGREGATES (BUILDING MATERIALS)
Concretes made with porous aggregates from Madatapa deposits [in Georgian with summary in Russian]. T. N. Tatishvili, L. D. Bakhtadze. Trudy Inst. stroi. dela AN Gruz. SSR 7:165-174 '59.

AKHMETELI, ALEKSANDR VASIL'EVICH
Book about Sandro Akhmeteli ("Sandro Akhmeteli", collected articles and materials). Reviewed by A. Glebov, G. [illegible] Teatr 21 no.2:[illegible] F '60.

AKHUNDOV, FATALI, 1812-1878
[illegible] F '59.

AKHUNDOV, MIRZA FATALI, 1812-1878, pseud. see Fath'ali, Akhund Zada, 1812-1878

AKMOLINSK—HISTORY
Study of a virgin region ("Akmola, famous city" by Andrei Dubitskii). Reviewed by I. Petrov. Novyi mir 35 no.11:269-271 N '59.

AKMOLINSK PROVINCE—HOUSING
What rests on the rate of housing construction. [illegible] Nar. khoz. Kazakh. 15 no.[illegible] F '60.

AKMOLINSK PROVINCE—SOILS
Carbonaceous chestnut soils of Akmolinsk Province. V. V. Budkov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.[illegible] '59.

AKMOLINSK PROVINCE—STEPPE FLORA
Vegetation of rocky steppes in the southwestern peneplain area of central Kazakhstan [with summary in English]. Z. V. Karamysheva. Bot. zhur. 45 no.1:40-63 Ja '60.

AKSAKOV, SERGEI TIMOFEEVICH, 1791-1859
In memory of S. T. Aksakov. N. P. Pakhomov. Izv. AN SSSR. Otd. lit. i iaz. 18 no.6:550-560 N-D '59.

AKSAY DISTRICT—KINDERGARTENS
Kindergarten on our collective farm. L. N. Pinchuk. Doshk. vosp. 33 no.3:25-30 Mr '60.

AKTASH REGION (OSH PROVINCE)—PORPHYRY
Metasomatic transformations of quartz porphyries related to rare metal mineralization [with summary in English]. N. T. Sokolova, V. V. Korolev. Geokhimiia no.8:690-701 '59.

AKTYUBINSK—SEWAGE—PURIFICATION
Self-cleaning screen grinder. I. Martynenko. Mias. ind. SSSR 31 no.1:54 '60.

AKTYUBINSK PROVINCE—SHEEP
Effectiveness of an early lambing in raising sheep for meat and lard. [illegible] 10 no.1:60-61 Ja '60.

ALA TAU, KUNGEI see Kungei Ala Tau

ALA TAU, ZAILIYSKIY see Trans-Ili Ala Tau

ALAARCHA RIVER—FLOODS
Conditions of formation and some calculated dynamic characteristics of mud flows in the Alaarcha River. A. N. [illegible] Trudy Inst. vod. khoz. i energ. AN Kir. SSR no.5:159-167 '59.

ALABASTER
Alabaster in exploratory drilling. D. [illegible] Ap '59.

ALASKA—HYDROGRAPHIC SURVEYING
Along the unexplored shores of North America. [illegible] Mor. flot 20 no.1:30-37 Ja '60.

ALAY RANGE—BIRDS
Materials on the geography of birds in the Alay Range. A. A. [illegible] Izv. AN Tadzh. SSR [illegible] '59.

ALBANIA—ANTIQUITIES
A little about everything. Znan. ta pratsia no.1:26-27 Ja '60.

ALBANIA—ARMY
[illegible], N. I. [Albanian People's Army] Albanskaia Narodnaia armiia. Moskva, Voen. izd-vo M-va oborony SSSR, 1959. 93 p.

ALBANIA—ECONOMIC CONDITIONS
The People's Republic of Albania. Agitator no.2:17-19 Ja '60.

ALBANIA—HISTORY
Moscow. Institut mezhdunarodnykh otnoshenii. [Fifteen years of the People's Albania] Piatnadtsat' let Narodnoi Albanii. Moskva, Izd-vo IMO, 1959. 110 p.

ALBEDO
Changes in the albedo of the first artificial earth satellite caused by the action of external elements. I. M. [illegible], O. V. Gurko. Iskusst. sput. Zem. no.3:71-77 '60.
Spectral albedo of natural surfaces. [illegible] Meteor. i gidrol. no.[illegible] '60.

ALBOMYCIN
Proteolytic activity of submerged cultures of albomycin-producing organisms in relation to the production of the antibiotic [with summary in English]. M. V. Nefelova, N. D. Ierusalimskii. Mikrobiologiia 29 no.1:[illegible] Ja-F '60.

ALBUMIN
Comparative study of the distribution of tagged amino acids during their incorporation in albumin in vivo and in vitro. [illegible] Dokl. AN SSSR 130 no.4:911-914 Ja '60.
Effect of iodination on the stability of the macrostructure of egg albumin [with summary in English]. O. V. [illegible] Ukr. biokhim. zhur. 31 no.6:799-806 '59.

ALBUMINOIDS
A general method for [illegible] [with summary in English]. [illegible] Mikrobiologiia [illegible] '59.

ALCOHOL
Muralin, K. I. [Nomographic calculations for the alcohol production processes; main aspects of the technology and technical chemical control of the alcohol production] [illegible] Moskva, Pishchepromizdat, 1959. 133 p.

ALCOHOL—PHYSIOLOGICAL EFFECT

Alcohol is an adversary of creativity. I. IAnushevskii. Teatr 21 no. 2:168-170 F '60.

ALCOHOL IN THE BODY

Calculation of the quantity of ethyl alchohol and its concentration in the blood A. I. Grinberg Sud.-med. ekspert 3 no 1:40-45 Ja-Mr '60

ALCOHOLISM

Clinical and pathophysiological data on the treatment of chronic alcoholism with antabuse A. T. Filatov. Vrach. delo no. 12:1291-1293 D '59.

Rozhnov, V. E. [Drunkenness is an enemy of health and long life] P'iantsvo - vrag zdorov'ia i dolgoletiia. Moskva, Gos izd-vo med. lit-ry, 1960. 43 p. (Nauchno-populiarnaia meditsinskaia literatura)

ALCOHOLISM AND CRIME

With drunken eyes... V. E. Rozhnov. Zdorov'e 6 no. 2:28-29 F '60.

ALCOHOLS

Chromatographic method for determining the hydrocarbon content of alcohols obtained by the hydrogenation of fatty acids. V. V. Veselov, D. B. Orechkin, N. V. Popova Izv. Sib. otd AN SSSR no. 12 75-78 '59

Mechanism of the formation of ketones from primary alcohols B. A. Bolotov, B. N. Dolgov, K. P. Katkova. Zhur. prikl. khim. 33 no. 2 425-431 F '60.

Production of aliphatic alcohols from liquid petroleum paraffin. V. S. Varlamov and others. Masl.-zhir. prom. 26 no. 2 25-27 F '60.

Production of alkylolamides, their properties and uses. P. V. Naumenko. Masl.-zhir. prom. 26 no. 2:27-30 F '60.

Separation of low aliphatic alcohols by paper chromatography and their quantitative determination [with summary in English] G. E. Zaikov Zhur. anal. khim. 15 no. 1 104-108 Ja-F '60

Tertiary triatomic alcohols of the acetylenic series and their conversions. Part 20 Structure of the products obtained by the dehydration of 1, 2, 5-triols of the ethylene series V. I. Nikitin, G. I. Likhtenshtein. Zhur. ob. khim. 30 no 5 1461-1471 My '60

ALDEHYDES

Reactions of aldehydes and ketones with amides of phosphorous acids V. S. Abramov, N. A. Il'ina. Dokl. AN SSSR 132 no. 4 823-825 Je '60.

Reactions of chlorine-containing telomers of diene hydrocarbons. Part 3 Synthesis of aldehydes and ketones from the products of the addition of tertiary butyl chloride to divinyl and chloroprene. A. A. Petrov, Z. N. Kollaskina. Zhur. ob khim. 30 no. 5 1450-1454 My '60.

ALDER

Transform white alder scrubs into cultivated meadows and pastures V. F. Kashlev Les khoz 12 no 1 12-13 Ja '60

ALDRIN

Preparation of aldrin and dieldrin. N. A. Belikova and others. Zhur. prikl. khim. 33 no 2 454-463 F '60.

ALEKSII, Patriarch of Russia, 1877-

Celebration of the name day of His Holiness Patriarch Aleksii. I. Khibarin. Zhur. Mosk. Patr. no. 4.14-20 Ap '60

ALGAE

(see also subdivision under Black Sea, Crimea, Kanev District, Psekups River)

Coefficients of radioisotope accumulation by fresh-water algae. E. A. Gileva. Dokl. AN SSSR 132 no. 4:948-949 Je '60.

Effect of extracts of Cystoseira and Phyllophora on some microphytes. IU. G. Kababova. Trudy Inst. okean. 30:156-165 '59.

ALGAE, FOSSIL

(see also subdivision under Ural Mountains)

Lime algae as indicators of factors governing the formation of sediments. V. P. Maslov. Sov. geol. 2 no. 12:126-128 D '59.

Stratigraphic significance of fossil Charophyta Ch. M. Kolesnikov Bot. zhur. 45 no 1.104-109 Ja '60

ALGEBRA

Modulus of a number. S. M. Golovina. Sbor. nauch. rab. INKH no. 15 pt. 2.36-38 '59.

System of exercises on algebra in the 6th grade. E. S. Kanin. Mat. v shkole no. 1:40-45 Ja-F '60.

Theory of ideals of binary forms. I. Z. Rozenknop. Uch. zap. MOPI 77 257-268 '59

ALGEBRA—PROBLEMS, EXERCISES, ETC.

Bézout theorem and solution of problems. M. V. Popov. Mat. v shkole no. 1:67 Ja-F '60.

Deriving the formula for the expansion of a quadratic trinomial into factors. K. S. Bogushevskii. Mat. v shkole no. 1:66-67 Ja-F '60

Forming the definition of function in the 5th through 7th grades. G. P. Akimov. Mat. v shkole no. 1.65 Ja-F '60.

Remarks concerning some problems put forward in K. P. Sikorskii's article "Setting up equations according to the conditions of problems." A. P. Kirilenko. Mat. v shkole no. 1 68 Ja-F '60.

Review of articles pertaining to the elementary solution of algebraic equations. V. K. Smyshliaev. Mat. v shkole no. 1:69-76 Ja-F '60.

ALGEBRA--STUDY AND TEACHING

Ermolaeva, E. N., and Z. IA. Kvasnikova. [Equations in the algebra course for grades 8-10 of secondary schools] Uravneniia v kurse algebry 8-10 klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 151 p.

Introduction to opposed numbers and rules for the subtraction of rational numbers. S. I. Shilov. Mat. v shkole no. 1 45-49 Ja-F '60.

One error. D. B. Gol'dis. Mat. v shkole no. 1:64-65 Ja-F '60.

Presentation of complex numbers in algebra textbooks intended for high schools. E. G. Garkavi. Uch. zap. Mosk. gor. ped. inst. 71.83-112 '58

Studying identical transformations in the 6th to the 8th grades. P. M. Erdniev. Mat. v shkole no. 1:49-53 Ja-F '60.

ALGEBRA AND LOGIC see Logic, Symbolic and mathematical

ALGEBRAIC FIELDS see Fields, Algebriac

ALGEBRAIC GEOMETRY see Geometry, Algebraic

ALGORISM

Impossibility of constructing minimal disjunctive normal forms for functions of algebra of logic in a single class of algorithms. IU. I. Zhuravlev. Dokl. AN SSSR 132 no. 3:504-506 My '60.

ALI-KHAN, MASUD

Masud Ali Khan is a newspaper correspondent from Delhi. G. Sagal. Sov. pech. no. 1 59-60 Ja '60.

ALIAB'EV, ALEKSANDR ALEKSANDROVICH, 1787-1851

Shteinpress, E. S. [A. A. Aliab'ev in exile] A. A. Aliab'ev v izgnanii Moskva, Gos. muzykal'noe izd-vo, 1959. 147 p.

ALIMENTARY CANAL

Role of the spinal cord in the regulation of gastrointestinal motility F. A. Meshcheriakov Fiziol zhur. 45 no. 11 1367-1371 N '59

ALIMONY

Participation of attorneys at law in the examination of alimony cases. IU. Poplavs'kyi. Rad. pravo no. 1:111-112 Ja-F '60.

ALKALI LANDS see subdivision under Chilli region

ALKALI METAL CHLORIDES

Reactions of aluminum sulfate with alkali metal chlorides, when heated in the presence of air and water vapor. S. D. Shargorodskii, S. N. Stavrov, N. A. Levinskaia. Ukr. khim. zhur. 25 no. 6.806-812 '59.

ALKALI METAL HALIDES—ELECTRIC PROPERTIES

Relaxation polarization and losses in single crystals of alkali metal halides V. N. Lozovskii Izv. AN SSSR Ser. fiz 24 no 2 161-169 F '60

Thermal expansion, and specific inductance capacity and losses of alkali metal halide crystals. V. V. Panchenko Izv. AN SSSR. Ser. fiz 24 no 2:150-160 F '60

ALKALI METAL SULFATES

Generalization of solubilities in the system Na_2SO_4 - K_2SO_4 - H_2O at 25°. M. Faiziev. Dokl. AN Uz. SSR no. 12:21-23 '59.

ALKALIES

Effect of alkaline solutions on vitreous silicates and aluminosilicates of lithium S. K. Dubrovo Zhur. prikl. khim 33 no 1:27-34 Ja '60

ALKALIES—PHYSIOLOGICAL EFFECT

Warning, danger! V. I. Gruzdev. Zdorov'e 6 no. 2:24 F '60.

ALKALOIDS

Aconitic alkaloids. Part 17: Structure of the alkaloid zongorine. A. D. Kuzovkov. Zhur. ob. khim. 30 no. 5:1727-1732 My '60.

Alkaloids of Thalictrum minus L. Part 3: Structure of thalmine. S. IU. IUnusov, Z. F. Ismailov. Zhur. ob. khim. 30 no. 5 1721-1727 My '60.

Alkaloids of the C15 series. Part 3: Decarboxylation and preparation of some esters of aphyllic acid. A. S. Sadykov, A. I. Ishibaev. Zhur. ob. khim. 30 no. 5:1733-1736 My '60.

Alkaloids of the C15 series. Part 4: Structure of oxyaphylline. A. S. Sadykov, R. N. Nuriddinov. Zhur. ob. khim. 30 no. 5:1736-1739 My '60.

Alkaloids of the C15 series. Part 5: Structure of oxoaphyllidine. R. N. Nuriddinov, A. S. Sadykov. Zhur. ob. khim. 30 no. 5:1739-1744 My '60.

Colchicum alkaloids. V. M. Salo. Nauka i zhizn' 27 [illegible] 79 Ja '60.

Express-method for the qualitative determination of tropane alkaloids. G. N. Naumchik. Med. prom. 14 [illegible] 45-46 F '60.

Formation and transformation of alkaloids during grafting V. T. Poda-Chikalenko Fiziol. rast. 7 no. 1:86-89 '60.

ALKENES see Olefins

ALKYLATION

Alkylation of diisopropylbenzene by propylene in the presence of aluminum chloride. E. P. Babin and others. Izv. Sib. otd. AN SSSR no. 12:59-64 '59.

Laws governing the substitution of alkyl groups for hydrogen atoms in the benzene nucleus. Part 6. Equilibrium in the processes of alkylation of benzene by propylene in the presence of aluminum and hydrogen fluoride [with summary in English]. V. G. Pliusnin, E. P. Babin. Zhur. fiz. khim. 34 no. 1.76-82 Ja '60

ALL—UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLERGY

Bunin, K. V. [Role of immunity and allergy in the treatment of patients with infectious diseases; lectures for physicians and students] Rol' immuniteta i allergii v lechenii infektsionnykh bol'nykh, lektsii dlia vrachei i studentov. Moskva, 1958. 78 p.
(DNLM)

Immunoadaptive stage in rats in relation to normal homologous cells [with summary in English] J. Gr[illegible]vič, A. Puza Biul. eksp. biol. i med. 48 no. 11 [illegible] N '59

"Reactions with drug therapy" by H. L. Alexander [translated from the English]. Reviewed by O. S. Rad[illegible] Kaz. med. zhur. 40 no. 6:118-120 N-D '59

White mice as objects for the experimental determination of anaphylactogenic properties of therapeutic sera [with summary in English]. F. A. Chertkova, A. A. [illegible], A. A. Kolchurina. Zhur. mikrobiol. epid. i immun. [illegible] no. 12:33-36 D '59.

ALLIED INTERVENTION, 1918-1920 see subdivision under Odessa, Ukraine

ALLOXAN

Effect of insulin and substances depressing insulin synthesis (alloxan and dithizone) on the sensitivity of choline-reactive structures of the central nervous system [with summary in English]. S. M. Tregubov. Probl. endok. i gorm. 5 no. 5:8-13 S-O '59.

Effect of small doses of alloxan on the pancreas [with summary in English] N. A. Naumova Fiziol. zhur. [Ukr.] 6 no 1:96-100 J-F '60

ALLOYS see subdivision under Kazakhstan

ALLOYS—CORROSION

Methods of investigating corrosion and electrochemical behavior of metals under stress. N. D. Tomashov, V. N. Modestova, G. K. Blinchevskii. Trudy Inst. fiz. khim. no. 7:64-77 '59.

ALLOYS—MAGNETIC PROPERTIES see subdivision under Chelyabinsk Province

ALLOYS—TESTING

Sclerometer for evaluating the mechanical properties of surface layers of metals and alloys. M. M. T[illegible] Zav. lab. 26 no. 2:230-238 '60.

ALLUVIUM see subdivision under Amu Darya Valley

ALLUVIUM—MAPS

Plotting composite schlich maps. L. Z. Patel. Uzb. geol. zhur. no. 5:13-23 '59.

ALLUVIUM—MEASUREMENT

Using gamma rays for measuring the concentration of suspended and transported materials in water flow. V. A. Emel'ianov. Biul. tekh.-ekon. inform. no. 1[illegible] '60.

ALMA-ATA—AIRPLANES—MODELS

Evgenii Karov and his pupils. A. Belousova. Kryl. [illegible] 11 no. 1:14 Ja '60.

ALMA-ATA—ARCHAEOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION

Archaeological study room and museum. O. A. K[illegible] Vest. AN Kazakh. SSR 16 no. 1:93-94 Ja '60

ALMA-ATA—HIDES AND SKINS—DISINFECTION

Effect of chloramine-B on the quality of raw fur. K. [illegible]genov, V. Rudchenko. Mias. ind. SSSR 31 no. 1:[illegible] '60.

ALMA-ATA—HIGHWAY TRANSPORT WORKERS

Power of public influence. V. Zaporozhskii Avt. [illegible] 38 no 1 11-13 Ja '60.

ALMA-ATA PROVINCE—ECONOMIC POLICY

Work problems of planning organs under the new conditions. N. Filatov. Nar. khoz. Kazakh. 18 no. 1:[illegible] Ja '60.

ALMA-ATA PROVINCE—TOBACCO—COSTS
Our practice in reducing production costs. A. Aumov. Nar. khoz. Kazakh. 10 no.1:61-65 Ja '60.

ALMA-ATA REGION—FLOODS
Some results achieved and possibilities for further study of catastrophic floods resulting from a dam [illegible] B. P. Kavetskii and others. Trudy Kaz NIGMI no.12:[illegible] '60.

AL'MET'EVSK—POLITICS AND GOVERNMENT
Zakirov, G. [How we carry out the mandate of our voters, work experience of the Executive Committee of the Al'met'evsk Soviet of Workers' Deputies] Vypolniaia voliu izbiratelei, iz opyta raboty ispolkoma Al'met'evskogo poselkovogo Soveta deputatov trudiashchikhsia. [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 28 p. (Biblioteka deputata)

ALPHA RAYS
Angular distribution of long-range α-particles [illegible] with the fission process. [illegible] Zhur. eksp. i teor. fiz. 12 no.[illegible] '60.

Method of determining [illegible] with the [illegible] K. B. Zaborenko, V. I. [illegible] [illegible] 774-777 '60.

ALPHA RAYS—PHYSIOLOGICAL EFFECT
Morphological changes in the skin during [illegible] diation (with summary in English). [illegible] eksp. biol. i med. 49 no.[illegible] '59.

ALPINE FLORA see subdivision under Ararat, Mount; Ossetia

ALTAI MOUNTAINS—DESCRIPTION AND TRAVEL
Without [illegible] Altai. [illegible] 17 no.1:[illegible] Ja '60.

ALTAI MOUNTAINS—GEOLOGY
Geology of the [illegible] A. I. [illegible] Izv. AN SSSR [illegible]

ALTAI MOUNTAINS—MINING ENGINEERING
Use of rock ammonite in Altai [illegible] Zyrianov and others. [illegible] '60

ALTAI MOUNTAINS—ORE DEPOSITS
Structural factors determining the [illegible] Altai [illegible] Zap. [illegible]

Upper age limit and depth of [illegible] Nikolaev [illegible] Altai [illegible] Kuznetsov. Vest. AN [illegible] '60.

ALTAI MOUNTAINS—PLANTS, ORNAMENTAL
Decorative wild plants [illegible] cultivation in [illegible] AN SSSR [illegible]

ALTAI TERRITORY—AGRICULTURE
Affairs and people of the Altai [illegible] the Altai." Reviewed by A. [illegible] 36 no.3:[illegible] Mr '60

ALTAI TERRITORY—ART, PRIMITIVE
"The early art of the Altai" by M. [illegible] S. I. Rudenko. [illegible]

ALTAI TERRITORY—FIRE PREVENTION
[illegible] P. Tatarkin. [illegible]

ALTAI TERRITORY—HYDROLOGY
Investigating the [illegible] M. [illegible] Trudy [illegible]

ALTAI TERRITORY—MINK
Ternovskii, D. V. [Biology and acclimatization of the American mink (Mustela vison) in the Altai] Biologiia i akklimatizatsiia amerikanskoi [illegible] (Mustela vison) [illegible] Altae. [illegible] A. A. Maso. mov. [Novosibirsk] [illegible] 1959. 137 p.

ALTITUDE, INFLUENCE OF
Altitude adaptation at the [illegible] from oxyhemometry. T. S. Mkrtumova, V. [illegible] nian. Izv. AN Arm. SSR, [illegible] 12 [illegible] N '59.

Effect of preliminary training [illegible] mountains. [illegible] 23 no.1:41-43 '60

Functional changes [illegible] in Bulgaria [with summary [illegible]] [illegible] charov. [illegible]

ALTYN ARASAN—SPRINGS
Origin of the water composition of the [illegible] springs in Altyn-Arasan. V. M. [illegible] nov. Gidrokhim. [illegible]

ALUMINA
Effect of some oxide admixtures in aluminum oxide on its catalytic activity in the decomposition of isopropyl alcohol (with summary in English). V. A. Komarov and others. Zhur. fiz. khim. 34 no.1:[illegible] Ja '60.

Introduction of the W^{185} radioisotope into the Al_2O_3 anodic film in the course of its formation. A. I. Bogoiavlenskii, G. N. [illegible] Zhur. prikl. khim. 33 no.2:[illegible] F '60.

Oxidation of microconcentrations of hydrocarbons on activated alumina. M. P. Korsh. Khim. prom. no.7:[illegible] '59

ALUMINATES
Effect of [illegible] of bauxite and diaspore on the rate of decomposition of aluminate solutions. [illegible] V. A. [illegible] Zhur. prikl. khim. [illegible] '60

ALUMINUM
[illegible] aluminum tubes (with summary in English) [illegible] '60

Structure of the surface of aluminum during anodic treatment in neutral solution. A. IA. Chatalov, B. A. Morozov [illegible]

ALUMINUM—ANALYSIS
Separation of [illegible] and of aluminum from [illegible] of ion exchange. [illegible] Zhur. [illegible] 25 no.[illegible]

ALUMINUM—ELECTROMETALLURGY
Aluminum [illegible] treated without destroying the [illegible] V. [illegible]

[illegible] electrolyte. [illegible] Ja '60.

ALUMINUM—SPECTRA
Spectrographic determination of aluminum in uranium [with summary in English] [illegible] V. N. [illegible] [illegible] 15 no.1:24-28 Ja '60

ALUMINUM—WELDING
[illegible] testing of aluminum welding [illegible] M. [illegible] and others. Avtom. svar. 13 no.1:[illegible] '60

Welding [illegible] welding. M. I. Zvonkov. Avtom. svar. 13 [illegible] '60.

ALUMINUM, STRUCTURAL
[illegible] A. [illegible] aluminum alloy [illegible] [illegible] 1959. 253 p.

ALUMINUM ALLOYS
(see also [illegible] West)

[illegible] [How to [illegible] aluminum alloys?] [illegible] izd-vo, 1960 [illegible]

ALUMINUM ALLOYS—COLD WORKING
Effect of [illegible] on the mechanical properties of [illegible] of alloys. V. A. [illegible] Izv. vys. ucheb. zav.; tsvet. met. [illegible]

Effect of [illegible] on the properties of certain [illegible] alloys [illegible] heat treatment. V. A. [illegible] Izv. vys. ucheb. zav.; tsvet. met. no.2 [illegible]

ALUMINUM ALLOYS—HEAT TREATMENT
[illegible] temperature [illegible] in the manufacture of large [illegible] alloy [illegible] worked shapes. [illegible] A. [illegible] G. A. Pavlukhina. Izv. vys. ucheb. zav.; tsvet. met. no.2:[illegible] '60.

ALUMINUM ALLOYS—METALLOGRAPHY
[illegible] in aluminum alloys. V. P. Kozlovskaia. Izv. vys. ucheb. zav.; tsvet. met. no.2:[illegible] '60.

ALUMINUM ALLOYS—TESTING
Characteristic features of the testing of aluminum alloys [illegible] S. V. [illegible] N. A. [illegible] '60

ALUMINUM CHLORIDE
Studying the effect of aluminum chloride on cyclodecane; [illegible] B. A. Kazanskii and others. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3:203-204 '59.

ALUMINUM COATINGS
[illegible] of the microstructure of anodic [illegible] on aluminum. M. N. Tiukina, F. P. Zalivalov, N. D. Tomashov. Trudy Inst.fiz.khim. no.7:163-[illegible] '59

ALUMINUM-COPPER ALLOYS—METALLOGRAPHY
[illegible] of [illegible] transformations in heat-resistant [illegible] alloys. [illegible] M. [illegible] and others. Izv. [illegible] 4:41-49 '59

ALUMINUM-COPPER-MAGNESIUM ALLOYS—TESTING
Effect of silicon on the properties of the D16 alloy at room and higher temperatures. M. E. Drits, Z. A. Sviderskaia, E. S. Kadaner. Izv. vys. ucheb. zav.; tsvet. met. no.3:24-30 '60.

ALUMINUM INDUSTRY
(see also subdivision under Hungary)
Standard plans for electrolysis sections of aluminum plants. P. M. Zhuk, V. A. Kramskoi. Prom. stroi. 38 no.2:18-20 '60.
Using organic glass for windows of electrolysis sections of aluminum plants. N. V. Alekhchenko. Prom. stroi. 38 no.3:52 '60.

ALUMINUM-MAGNESIUM ALLOYS—METALLOGRAPHY
Modification of the β phase in Al-Mg alloys. L. Kubichek, M. V. Mal'tsev. Izv. vys. ucheb. zav.; tsvet. met. no.2:165-170 '60.

ALUMINUM ORGANIC COMPOUNDS
Use of organoaluminum compounds as catalysts for the polymerization of 3,3-bis (chloromethyl) oxacyclobutane and isobutylene (with summary in English). V. A. Kropachev and others. Vysokom. soed. 1 no.12 1844-1847 D '59.

ALUMINUM SULFATE
Equilibria and solid phases in the quaternary system K_2SO_4 – Cs_2SO_4 – $Al_2(SO_4)_3$ – H_2O at 25°. I. A. Kirilpin. Zhur. neorg. khim. 5 no.1:160-169 Ja '60
Reactions of aluminum sulfate with alkali metal chlorides, when heated in the presence of air and water vapor. S. D. Shargorodskii, S. N. Stavrov, N. A. Levinskaia. Ukr. khim. zhur. 25 no.6:808-812 '59

ALUPKA
Makarov, M. [Alupka Simeiz. Simferopol', Krymizdat, 1954. 170 p.

AMATEUR ART ACTIVITIES
(see also subdivision under Ukraine)
Machinery operators as participants in artistic self-activities. P. Nikitina. Sel'. mekh. no.1:45 '60

AMATEUR MOTION PICTURES
First steps. G. Roshal'. Isk. kino no.2:147-153 F '60.
Needed types of motion-picture photography equipment for amateurs. A. A. Sakharov. Tekh. kino i telev. 4 no.1:68-71 Ja '60

AMATEUR MOTION PICTURES—EQUIPMENT AND SUPPLIES
New standards. G. Orlov. Sov. foto 20 no.1:41 Ja '60.

AMATEUR RADIO STATIONS
Automatic control of ham transmitters. B. Kubakov. Radio no.1:40 17 Ja '60.
Bravely explore new frequency ranges. A. Kolesnikov. Iu. Kazmanov. Radio no.1:15-16 Ja '60.
Brief news. Radio no.1:25 Ja '60.
UA3JV is on the air. G. Skvortsova. Radio no.2:12 F '60.
Youth is on the air. G. Taraunov and others. Radio no.1:31-25 Ja '60.

AMATEUR THEATRICALS
(see also subdivision under Bessonovka, Penza Province, Leningrad, Moscow, Voronezh Province)
Activities of people's theaters. B. Mikhailovskaia. Sov. muz. 24 no.2:155-162 F '60.
In the navy. B. Medvedenko. Teatr. zhizn' no.24:11-12 D '59.
People's amateur theatrical groups are on their way! V. Petrova. Kul't. prosv. rab. 31 no.1:17-20 Ja '60
"Secrets" of our enlightenment. M. Rusten. Moskva 3 no.12:11 [illegible] '59.

AMAUROSIS
Influence of static (spasm) accommodation on eye refraction in persons with ammetropia without amblyopia and strabismus and with amblyopia and strabismus (with summary in English) K. A. Adigozalova-Polonskaia. Oft. zhur. 15 no.2:108-111 '60

AMAZONITE
Origin of color in amazonites. K. K. Zhirov, S. M. Stishov, B. D. Ryzhikov. Geokhimiia no.8:727-730 '59.

AMDERMA REGION—SOIL TEMPERATURE
Radiation and heat balance of the surface of dry land in the Arctic. S. A. Sakalov, D. A. Dorlagin, K. A. Sychev. Trudy GGO no.92:102-106 '59.

AMERICAN LITERATURE—HISTORY AND CRITICISM
Books in defense of democracy. G. Zlobin. Inostr. lit. no.12:208-210 D '59.

AMERICAN LITERATURE—STUDY AND TEACHING
"Contemporary American literature in the U.S.S.R." B. Mishin. Vop. lit. no.2:255-256 F '60.

AMERICAN PERIODICALS
Why are they against it? E. Kutsik. Ogonek 38 no.2:6 Ja '60

AMHARIC LANGUAGE

Characteristics of the Amharic language compared to other Semitic languages. E.G.Titov. Trudy Inst. etn. 52:160-181 '59.

AMHARIC LANGUAGE—ADVERB

Verbal adverbs in the Amharic language. E.G.Titov. Trudy Inst. etn. 52:184-203 '59.

AMIDES

Preparation of graft polymers. Part 4: Grafting of styrene on polyamides [with summary in English]. V.V.Korshak, K.K.Mozgova, M.A.Shkolina. Vysokom. soed. 1 no.11:1573-1578 N '59.

Production of alkylolamides, their properties and uses. P.V.Naumenko. Masl.-zhir.prom. 26 no.2:37-39 F '60.

Synthesis of sulfur-containing acyl aliphatic polyamides, and properties of members of the series [with summary in English]. O.IA.Fedotova, A.D.Shapiro. Vysokom. soed. 2 no.1:151-157 Ja '60.

Tautomerism of amides. V.M.Potapov, A.P.Terent'ev. Dokl.AN SSSR 132 no.3:[illegible] My '60.

Unsymmetric derivatives of 1,6-dialkylhydrazodithiodicarbonamides. Part I. R.G.Dubenko, P.S.Pel'kis. Zhur.ob.khim. 30 no.5:1537-1541 My '60.

AMINES

Catalytic oxidation of aliphatic amines by hydrogen peroxide. O.L.Lebedev, S.N.Kazarnovskii. Zhur.ob.khim. 30 no.5:1631-1635 My '60.

Effect of amines on the stereospecific polymerization of propylene [with summary in English]. G.A.Razuvaev and others. Vysokom.soed. 1 no.11:1691-1693 N '59.

Interaction between acyloxychlorophenylphosphines and amines. A.N.Pudovik, [illegible] Zhur.ob.khim. 30 no.5:[illegible] My '60.

Interaction between [illegible] and amines. Part 2. [illegible] A.IA.[illegible], A.N.Pudovik. Zhur.ob.khim. 30 no.5:1582-1585 My '60.

Joint condensation of diamines with [illegible]aldehyde. V.I.[illegible], [illegible] Zhur.ob.khim. 30 no.5:1647-1649 My '60.

New method for synthesizing diamines and dibasic carboxylic acids for the production of high polymers. [illegible] Vest AN Kazakh SSR 16 no.1:44-50 Ja '60.

Reactions of chloromethanesulfonyl chloride with some aromatic amines. A.G.Kostsova. Trudy Vor. [illegible]

Syntheses in the phenothiazine series. Part V: Amines of the phenothiazine series. Part I. V.A.[illegible], [illegible] Zhur.ob.khim. 30 no.5:1680-1687 My '60.

AMINO ACIDS

Action of [illegible] on the [illegible] content of the blood [with summary in English]. [illegible]

Amino acid composition of proteins in wheat grain [with summary in English]. N.M.[illegible] [illegible]

Aminoacids [illegible] [with summary in English]. [illegible]

Comparative study of the distribution of tagged amino acids during their incorporation in albumin in vitro and in vitro. [illegible] Dokl.AN SSSR 131 no.4:954-956 Ap '60.

Comparative study of transamination [illegible] decarboxylic amino acids and their [illegible] of the human stomach [with summary in English]. [illegible]

[illegible] between the metabolism of riboflavin containing sulfur and tryptophan [with [illegible]]. S.G.Agabekov. Vop.pit. [illegible]

protein preparations [illegible] amino acid composition [with [illegible]] [illegible] Vop.pit. 19

[illegible] in the leaves of [illegible] and [illegible] chromatography. M.A.[illegible] [illegible] 111-117 '59

[illegible]

[illegible] of amino compounds. [illegible] I.D.[illegible]. Zhur. [illegible] 1650-1656 My '60.

[illegible] and diabetes on coronary [illegible] oxygen requirement [with summary in English]. [illegible] 48 no.12:81-85 D '59.

[illegible] gas constituents in the ammonia [illegible] O.V.Rumiantsev, [illegible] no.7:637-642 [illegible] '59

Catalytic oxidation of ammonia in nonaqueous solutions. Part 1. Catalysts of group I of the periodic table [with summary in English]. [illegible] Zhur.fiz.khim. 34 no.1:[illegible]-167 Ja '60.

Changes in the ammonia and glutamine content of the brain in rats after the administration of sodium bromide and caffeine and in carbon tetrachloride poisoning [with summary in English]. [illegible] Biul.eksp.biol.i med. 48 no.11:69-71 N '59.

Determination of ammonia in the presence of nitrites. G.P.Aleksandrov, V.S.[illegible] [illegible]

Empirical equation for the process of ammonia synthesis and its application. M.I.Ruzov. Khim.prom. no.[illegible]:504-509 O-N '59.

Equation of state and thermodynamic properties of ammonia. [illegible] no.12:95-98 '59.

The main pathway of nitrogen assimilation [with summary in English]. [illegible] Ming [illegible] A.I.[illegible] [illegible] 857-861 N-D '59.

Method for determining the ammonia content of [illegible] Papos [illegible]

Method of studying the conditions of ammonia synthesis. V.B.Pobozin, N.K.Rodinov. Khim.i tekh. [illegible] 62-64 Ja '60.

New method for the separate determination of [illegible] mixtures. N.P.[illegible] My '60.

[illegible] of ammonia [illegible] [illegible] '60.

Using the phenolate [illegible] determining the [illegible]

AMMONIUM COMPOUNDS

Hexonium as a drug used in [illegible] with [illegible] form of thyrotoxicosis [illegible] [with summary in English]. IA.I.[illegible], [illegible] [illegible]

AMMONOLYSIS

New method for synthesizing [illegible] dibasic carboxylic acids for the production of high polymers. [illegible] Vest AN [illegible] Ja '60.

AMOBARBITAL

Changes in the [illegible] [illegible]

Effect of [illegible]

Effect of [illegible]

Effect of [illegible]

AMORTIZATION

[illegible]

AMPHIBIA

(See also [illegible])

Cytochemical and histochemical studies of seasonal changes in the [illegible]. [illegible] M.S.Makarov. [illegible] Ja '60.

AMPHIBIA, FOSSIL see [illegible]

AMPLIFIERS, ELECTRONIC

Amplifiers of error signals in electrical systems of automatic control [with summary in English]. [illegible] Avtom.i telem. 21 no.1:106-111 Ja '60.

[illegible] of [illegible]

Experimental investigation of [illegible] [illegible] V.Vasil'ev. [illegible]

Low-frequency amplifier [illegible] Radio no.1:[illegible] '60.

Stereophonic low-frequency amplifiers. [illegible] Radio no.1:37-39 Ja '60.

Transient processes in logarithmic video amplifiers. V.M.Volkov. Izv.vys.ucheb.zav.; radiotekh. 2 no.5:607-615 S-O '59.

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMU DARYA VALLEY—ALLUVIUM

Microaggregate composition of [illegible] on the right bank of the Amu Darya. [illegible] no.6:81-83 '60

AMU DARYA VALLEY—PHYSICAL GEOGRAPHY

Akademiia nauk Uzbekskoi SSR, Tashkent. [illegible] Materials [illegible] the [illegible] Materialy [illegible] [illegible]

No.10. [illegible] of Amu Darya. [illegible] [illegible] Amu Dar'i [illegible] 1959. [illegible]

AMU DARYA VALLEY—TAKYR

[illegible]

AMUR [illegible]

[illegible]

AMUR RIVER

[illegible]

AMUR VALLEY—[illegible]

[illegible]

AMUR VALLEY—[illegible]

[illegible]

AMYL ALCOHOL

[illegible]

AMYLASE

[illegible]

AMYLASE—[illegible]

[illegible]

ANABASIS [illegible]

[illegible]

ANABASIS [illegible]

[illegible]

ANABASIS [illegible]

[illegible]

ANABASIS [illegible]

[illegible]

ANABASINE

[illegible]

ANALGESIA

[illegible]

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytic

ANALYTICAL GEOMETRY see Geometry, Analytic

ANAN'EV, NIKOLAI ALEKSEEVICH, 1901-1959
In memory of Professor [illegible] Alekseevich Anan'ev. Zdrav.Ros.Feder. [illegible] no. [illegible] '60.

ANAPSKAYA KINDERGARTENS
New kindergarten on a collective farm. [illegible] Dosh.vosp. [illegible] no.2 [illegible] '60.

ANATOMY NOMENCLATURE
On a unified nomenclature for the bronchial and vascular systems of the lungs [with summary in English]. [illegible] Rozenshtrauch, [illegible] A. [illegible] Vest.rent. [illegible] '59.
Structure of the lung and the nomenclature of [illegible] [with summary in English]. [illegible] Vest.rent. [illegible] no.6 [illegible] '59.

ANATOMY STUDY AND TEACHING see [illegible] under [illegible]

ANATOMY TERMINOLOGY
Extract from Report [illegible] of the Medical Council [illegible] of the [illegible] Arch. [illegible]

ANATOMY, PATHOLOGICAL
Strengthening the pathoanatomical [illegible] its role in the improvement of [illegible] Vrach.delo no.[illegible] '60.
"Textbook of special pathological [illegible] [in German]. Volume [illegible] Reviewed by [illegible] V. [illegible]

ANCESTOR WORSHIP
Ancestor [illegible] no.50 [illegible]

ANCESTRY see Heredity

ANDIZHAN PROVINCE AGRICULTURE [illegible] TEACHING
Student [illegible] Politeh.[illegible]

ANDREEV, ALEKSANDR
[illegible] by A. [illegible]

ANDREEV, KONSTANTIN ALEKSEEVICH, [illegible]
Objective evaluation of [illegible] geometry. A. A. [illegible] no.15 pt.2 [illegible] '60.

ANDREEV, [illegible] NIKOLAEVICH [illegible]
Abulin, [illegible] N. [illegible]

ANDREEV, NIKOLAI NIKOLAEVICH [illegible]
Award of the diploma of [illegible] to Academician N. N. Andreev. [illegible] no.5 [illegible] My '60.

ANDROGENS
Androgenic [illegible]

ANEMIA
Clinical aspects of [illegible] region. [illegible] no.9 [illegible] '59.
Copper content of the [illegible] in [illegible] D. Dziba [illegible] '60.

ANEMOMETER
[illegible]
For [illegible] for automatic [illegible]

ANEMONE
On the biology of the [illegible] shills [illegible]

ANEPHROBIDAE [illegible]
Some [illegible] '59.

ANESTHESIA
[illegible]
"Anesthesia in labor [illegible] N. Kassil [illegible] Parahina. [illegible]
Anesthesia in [illegible]
Clinical aspects of prolonged anesthesia. V. A. [illegible] Kaz.med.zhur. [illegible]
Effect of [illegible] of light [illegible]

ANESTHESIA IN OBSTETRICS
Anesthesia in labor" by V. N. [illegible], "Pain and anesthesia [illegible] by G. [illegible] M. M. [illegible] Parahina. [illegible] no.2 [illegible] '60.

ANESTHESIOLOGY
[illegible] of the Anesthesiology Section of the [illegible] V. [illegible]

ANESTHETICS
[illegible] of [illegible] and their [illegible] of cardiac action [with [illegible] in English]. [illegible]

ANFIMOV, APOLLON NIKOLAEVICH, 1881-1959
A. N. Anfimov. [illegible] no.[illegible] '60.

ANGARA RIVER DAMS
[illegible]

ANGARA VALLEY ROCK SALT
Distribution of [illegible] in the [illegible] of the Angara [illegible] and the possibility of [illegible] [illegible] in [illegible] V. [illegible] no.[illegible] '59.

ANGINA PECTORIS
[illegible] in the differential diagnosis between [illegible] [with summary in English]. [illegible] no.1 [illegible]
[illegible]

ANGIOCARDIOGRAPHY
[illegible]

ANGIOGRAPHY
[illegible] M. M. [illegible]
[illegible] K. B. [illegible]
[illegible]
[illegible] no.[illegible]
[illegible] V. [illegible]

ANGLING
[illegible]

ANGOLA [illegible]

ANGREN VALLEY MINES AND MINERAL RESOURCES
[illegible]

ANILINE
Analysis [illegible] Zhur. [illegible] '60.
[illegible]
[illegible]
Local anesthetic drugs. Part 12. Local anesthetizing [illegible] chemical properties of analogs of [illegible] Med.prom. [illegible]
[illegible] M. [illegible]
[illegible] Part 3. Effect [illegible] M. [illegible]

ANILINE ANALYSIS
[illegible] of aniline in medicolegal [illegible] V. [illegible] Sud.-med. ekspert. [illegible] '59.

ANILINE PHYSIOLOGICAL EFFECT
[illegible] M. [illegible] '60.

ANIMAL PHOTOGRAPHY see Photography of animals

ANIMAL PRODUCTS
Leathercraft, furriery and other aspects of livestock processing. V. P. Levashova. Trudy GIM no.33:30 [illegible] '59.

ANIMALS, ABNORMALITIES OF see Abnormalities (Animals)

ANIMALS, FOOD HABITS OF
Carnivorous food habits of Acanthocyclops viridis (Jur.) (Copepoda, Cyclopoida). A. V. Monakov. Trudy Inst. biol. vodokhran. no.2:117-127 '59.
Feeding habits in certain groups of deep-sea macroplankton in the northwestern part of the Pacific Ocean. [illegible] G. Chindonova. Trudy Inst. okean. 30:166-180 '59.
Role of the [illegible] in the nutrition of Calanus helgolandicus (Claus). [illegible] Dokl. AN SSSR 133 no.4:[illegible] Jl '60.

ANIMALS, HABITS AND BEHAVIOR OF
Care of the young among mammals; notes [illegible] for a trip to the zoological park. V. P. Gerasimov. Biol. v shkole no.[illegible] '60.
Intraspecific relationships in the sable and ermine [with summary in English]. [illegible] Biul. MOIP Otd. biol. 64 no.6:37-41 N-D '59.

ANIMALS AS CARRIERS OF DISEASE
"Zoonoses" by [illegible] Reviewed by [illegible] N. Shliakhov. [illegible] no.[illegible] '59.

ANKAVAN MINERAL WATERS
Influence of Ankavan mineral water on the bilirubin function of the liver. [illegible] M. [illegible] A. [illegible] [illegible] '60.

ANKYLOSTOMIASIS see Hookworm disease

ANNA DISTRICT COLLECTIVE FARMS
[illegible] Neva no.[illegible] '60.

ANNA DISTRICT WINDBREAKS, SHELTERBELTS, ETC.
Establish shelterbelts of districtwide importance. N. [illegible] V. Gordeev. Les.khoz. 13 no.2 [illegible] F '60.

ANNAMESE LITERATURE HISTORY AND CRITICISM
Vietnamese literature today. Nguen Din Thi. Inostr. [illegible] no.11:[illegible] N '59.

ANNEALING OF METALS
(see also subdivision under Great Britain)
Effect of intermediate annealing in hydrogen on specific [illegible] electrical steel. A. [illegible] Petrenko [illegible] 20 no.[illegible] '60.
Improving techniques of producing needle wire. V. A. [illegible], L. A. Krasil'nikov. Stal' 20 no.2:173-177 F '60.
Kinetics of dispersion hardening of [illegible] grade [illegible] V. D. Men'shin and others. Metalloved. i term. obr. met. no.2:[illegible] '60.
[illegible] small changes of volume during the annealing of [illegible] N. N. Novikov. [illegible]

ANNIVERSARIES
[illegible] Mistetstvo 6 no.[illegible] of cover Jl-Ag '59.
Art calendar. Mystetstvo 6 no.6:41 N-D '59.
Calendar for propagandists, anniversary dates in February [illegible] Ja '59.
A calendar of commemorative dates in February. Bibl. [illegible] no.[illegible] of cover Ja '60.
Our anniversary calendar. Nauka i zhyttia 9 no.4:63 Ap '59.
Our anniversary calendar. Nauka i zhyttia 9 no.[illegible] '59.
Our anniversary calendar. Sots.kul't. [illegible] no.1:47 Ja '60.
Our calendar. Kul't.-pros. rab. 20 no.12:56-57 D '59.
Our calendar. Kul't. pros. rab. 21 no.1:58-59 Ja '60.
Our calendar. Mol.kommun. no.1:94-97 Ja '60.

ANNOTATIONS AND CITATIONS (LAW)
[illegible] Ja '60.

ANNUALS (PLANTS)
Importance of the photoperiodic response in the acclimatization of southern annuals. V. A. Makarevich. Trudy Bot. sada AN URSR 6:[illegible] '59.

ANODE see subdivision under Anatar Shield

ANOUILH, JEAN, 1910-
Shattering of illusions; new plays by Sartre and Anouilh. T. Bachelis. Teatr 21 no.2:176-183 F '60.

ANOXEMIA
Changes in the blood volume of the brain and in the hemoglobin level of blood in rats acclimatized to chronic hypoxia and in their progeny [with summary in English]. V. I. Voitenok. Fiziol.zhur. 46 no.1:[illegible] Ja '60.

ANOXEMIA (Continued)
Reaction of the human cardiovascular system during hypoxia. N A. Agadzhanian and others Voen.-med zhur. no.2 65-69 F '60.
Role of distrubances in protoplasm dynamics and also in anoxic metabolism in the pathogenesis of cardiovascular diseases. F. IA. Primak. Vrach. delo no. 12 1237-1241 D '59

ANTARCTIC REGIONS
The attack on Antarctica continues. M. Filipenin. Grazhd. av. 17 no.1·11 Ja '60.
Expedition to the Antarctic O Vialov Nauka i zhyttia 6 no 9 1-4 S '56
Fifth Antarctic expedition. Mor flot 20 no 1 45-46 Ja '60
In the land of bird's milk. E. Fedorovskii. IUn. nat, no. 1 21-22 Ja '60.
News from the Antarctic continent. IU. V. Khmarskaia. Priroda 49 no.5·69 My '60
Radio broadcasts from Antarctica Inform. biul. Sov. antark. eksp no 11·46-18 '59
Radio operators of the Fourth Antarctic Expedition. F. Rosliakov. Radio no.1·23 Ja '60.
Soviet workers on the South Pole B A Savel'ev Ogonek 38 no 2 8 Ja '60

ANTARCTIC REGIONS—ATMOSPHERIC TEMPERATURE
Approximate estimation of the advective component of heat balance in the active atmospheric layer over the Antarctica A A Dmitriev, T V Bonchkovskaia Trudy MGI 16 3-28 '59.

ANTARCTIC REGIONS—DESCRIPTION AND TRAVEL
Wonders of the Antarctica. N. Uratov. Znan.-sila 35 no. 2:48 F '60.

ANTARCTIC REGIONS—DRIFT X
Determining the amount of morainic materials transported by glaciers on the eastern coast of Antarctica. S A Evteev Inform biul Sov. antark. eksp no. 11 14-16 '59

ANTARCTIC REGIONS—GEOGRAPHICAL POSITIONS
Navigational and magnetic observations during the Antarctic tractor-sledge journey. P. K. Sen'ko. Probl. Arkt. no. 5 118-121 '58.

ANTARCTIC REGIONS—GEOLOGY, STRUCTURAL
Results of determining the thickness of the ice sheet in eastern Antarctica O. G. Sorokhtin, IU. N Avsiuk, V I Koptev Inform biul Sov antark eksp no. 11 9-13 '59.

ANTARCTIC REGIONS—ICE
How the Antarctic ice was measured. O. Kondrat'ev, O. Sorokhtin. IUn. tekh. 4 no. 1·13-15 Ja '60.

ANTARCTIC REGIONS—INTERNATIONAL STATUS
Slevich, S. B. [The Antarctic should become a zone of peace] Antarktika dolzhna stat' zonoi mira. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1950. 54 p.

ANTARCTIC REGIONS—ISOSTASY
The isostatic equilibrium of Antarctica. S. A. Ushakov, G. E Lazarev. Inform. biul Sov. antark eksp. no 11; 17-21 '59

ANTARCTIC REGIONS—MAGNETISM, TERRESTRIAL
Navigational and magnetic observations during the Antarctic tractor-sledge journey. P. K. Sen'ko. Probl. Arkt. no. 5.118-121 '58.

ANTARCTIC REGIONS—MAPS
American maps of Antarctica. IA. P. Koblents. Inform. biul. Sov antark. eksp. no 11·37-40 '59.

ANTARCTIC REGIONS—METEROLOGY
Atmospheric fronts in western Antarctica. P. D. Astapenko. Meteor. i gidrol. no.5:23-26 My '60.

ANTARCTIC REGIONS—OCEAN TEMPERATURE
Annual and interannual variations of temperature conditions in surface waters of the Atlantic sector of Antarctica. IU. V. Makerov. Trudy GOIN no. 46:5-31 '59.

ANTARCTIC REGIONS—OCEANOGRAPHIC RESEARCH
Second Antarctic Marine Expedition of the Academy of Sciences of the U.S.S.R. I. V. Maksimov. Probl. Arkt. no. 6:133-137 '58.

ANTARCTIC REGIONS—ORIENTATION
Prisoners of the sun. E. Petrov. Vokrug sveta no. 2:49 F '60.
White darkness. M. Kuznetsov. Vokrug sveta no. 2. 47-49 F '60.

ANTARCTIC REGIONS—SOIL FORMATION
Role of animals in the formation of primary soils in polar regions of the globe; based on research in Antarctica [with summary in English] E. E. Syroechkovskii. Zool. zhur. 38 no. 12:1770-1776 D '59.

ANTARCTIC REGIONS—TERNS
Find of a banded Arctic tern Sterna paradisae Brünn in Antarctica. G. A. Solianik. Inform. biul. Sov. antark. eksp. no 11 51-52 '59.

ANTARCTIC REGIONS—TOURISM
Tourism in Antarctica S. S Inform biul Sov. antark. eksp no 11 54 '59

ANTARCTIC REGIONS—WHALING
Twelve voyages to the Antarctic (continuation). O. Solianyk. Nauka i zhyttia 8 no.4 55-58 Ap '58.

ANTENNAS (ELECTRONICS)
All wave dipole. T. Tomson. Radio no. 2:16-17 F '60.
Circular polarized surface waves in corrugated systems. D. M Bravo-Zhivotovskii Izv. vys. ucheb. zav., radiofiz. 2 no. 5:829-831 '59.
Effect of the atmosphere on the characteristics of an antenna and the intensity of the reception of signals from cosmic sources. V. S. Troitskii. Izv. vys ucheb. zav., radiofiz. 2 no. 5 683-690 '59.
Lightning guard for an antenna V. Terent'ev Radio no 2 20-21 F '60
Power relationships transferred by waves which are excited by a slot in a dielectric covered surface. D. V. Shannikov. Radiotekhnika 15 no. 2.27-33 F '60.
Single-wire traveling wave intermediate frequency receiving antenna. S P Belousov, V G IAmpol'skii Radiotekhnika 15 no 1·16-25 Ja '60.
Some problems in calculating the construction of antennae for automatic radioanemometers (ARIV). N. I. Shtein. Trudy NIIGMP no 7 52-54 '59
T-type antenna-transmission line matching network. E. P. Khmel'nitskii. Vest. sviazi 20 no. 2:12-14 F '60.
Transient fading in a periscopic antenna system A. M. Pokaras. Elektrosviaz' 14 no. 2,14-19 F '60.

ANTHRACENE
Effect of certain fluorescence quenchers on quantum yields of photochemical transformations of 9-methylanthracene and 9-methyl-10-methoxymethylanthracene. T. M. Vember, A. S. Cherkasov. Izv. AN SSSR. Ser. fiz. 24 no. 5·577-581 My '60.
Effect of solvents on the fluorescence spectra of acetylanthracenes. A. S. Cherkasov. Izv. AN SSSR. Ser. fiz. 24 no. 5·591-595 My '60.

ANTHRACENE—OPTICAL PROPERTIES
Luminescence of solid solutions of anthracene. V. L. Braude, V. S. Medvedev. Izv. AN SSSR. Ser. fiz. 24 no. 5: 549-552 My '60.
Some questions on the luminescence and photoluminescence of anthracene crystals. A. N. Faidysh. Izv. AN SSSR. Ser. fiz. 24 no. 5:556-560 My '60.

ANTHRACITE
Combining processes for the production and regeneration of activated anthracite V M. Chertov, K E. Makhorin, A M Koganovskii Khim prom no 7 635-637 O-N '59.

ANTHRACITE COAL see subdivision under Donets Basin

ANTHRANILIC ACID
Study of the mechanism of the anthranilic rearrangement using the O^{18} isotope of oxygen. I. I. Kukhtenko. Dokl. AN SSSR 132 no. 3;609-611 My '60.

ANTHRAQUINONE—OPTICAL PROPERTIES
Electron spectra of anthraquinone vapors. N. A. Borisevich, V. V. Gruzinskii. Izv. AN SSSR. Ser. fiz. 24 no. 5: 545-548 My '60.

ANTHRAX
Infection with the cutaneous form of anthrax following accidental subcutaneous injection of TSenkovskii's second vaccine. I A Vaisburd. Zdrav. Tadzh 7 no 1· 40-43 Ja-F '60.
Ways of eliminating anthrax. A. S. Korotich, I. D. Netrebko, V. M. Suponitskaia. Vrach. delo no. 12·1303-1304 D '59.

ANTHROPOMETRY
Biomathematical index of physical development in man. S. I. Uspenskii. Biul. MOIP. Otd. biol. 64 no. 6:169 N-D '59.

ANTI-NAZI MOVEMENT
The plot of 20 July 1944. Wolfgang Schreyer. Sov. Kazakh. 26 no. 12;89-105 D '59.

ANTIBIOTICS
Effect of antibiotics and trace elements on the development of the crown gall of apple and pear. O. V Isaieva. Dop. UASHN 3 no. 1;28-30 Ja-F '60.
The use of antibiotics. V. Bilai. Nauka i zhyttia 8 no. 2: 34-35 F '58
Use of antibiotics in skull injuries. M. K. Maksunova. Zdrav. Tadzh. 7 no 1:32-34 Ja-F '60.
Use of antibiotics in the feeding of swine. F. Skripko. Mias. ind. SSSR 31 no. 1:37 '60.

ANTIBIOTICS—TOXICOLOGY
Side effects of antibiotics. A. P. Airiian. Fel'd. i akush. 25 no. 2;29-31 F 60.

ANTICOAGULANTS (MEDICINE)
Use of anticoagulants in hypertensive patients with occurrences of stenocardia and chronic coronary insufficiency. A. I. Sorokina, I. I. Krys. Vrach. delo no. 12: 1251-1253 D '59.

ANTIGENS AND ANTIBODIES
Absorption of labeled antigen of Shigella newcastle fro the intestine into the blood in laboratory animal experments. Li Kuei. Zhur. mikrobiol. epid. i immun 30 no. 12 30-33 D '59.
Detection and investigation in human sera of antibodies to the agglutinogens P, S, Le, Lu, K, Fy L K. Arzhelia and others Sud.-med. ekspert 3 no. 1:27-32 Ja-M '60
Detection of encephalitis virus neutralizing antibodies i the blood of wild birds [with summary in English]. IU Fedorov Vop. virus. 2 no 6:336-338 N-D '57
Effect of late reimmunization on tumor antibody formation P P Filatov Biul. eksp biol. i med 48 n 11 101-103 N '59
Experimental basis for emergency prophylactic measures I. I. Rogozin, V D. Beliakov, A. A. Il'chenko Voen-med. zhur no 2,55-58 F '60.
Foreign pharmaceutical research. A. G. Baichikov, L. A Mikhel'son. Med. prom. 14 no. 1:55-57 Ja '60.
Frequency of the detection of trachomatous antibodies in trachoma patients [with summary in English]. D. G. Bushmich, G. M. Kashcheeva. Oft. zhur. 15 no. 1 34 3 '60.
Inductive phase of antibody formation. J. Šterzl Usp sovr. biol. 48 no. 3 356-374 N-D '59.
Method of preparing Listeria antigen for an indirect hemagglutination reaction. L A. Bunenkova. Zhur. mikrobiol. epid i immun. 30 no 12 116-120 D '59
On species, organ, and organoid specificity of tissue antigens in irradiated animals R V Petrov, I I Il'ina. Med. rad 4 no. 12 41-47 D '59
Preservations of Salmonella after passage into the phase of the H antigen [with summary in English] G I Demina. Zhur mikrobiol epid i immun. 30 no 12 59-61 D '59
Retention of complement-fixing antibodies in Q fever convalescents. N. V Dolgov, M P Medvedev. Zhur mikrobiol. epid. i immun. 30 no 12 124 D '59
Role of lymphoid organs in antibody formation [with summary in English]. V I Goncharova. Biul eksp biol i med. 48 no 12,85-90 D '59
Sensitivity of staphylococci to some new antibiotics [w summary in English] A. D Ostrovskii Pediatriia 37 no 12;47-49 D '59.
Studies on "valence" of antibodies with the aid of ae proteins [with summary in English]. A. I. Nikolaev. Biul eksp. biol. i med. 48 no. 12:79-81 D '59.
Use of a simplified neutralization reaction for the deter tion of antibodies against new strains of influenza vir A (Azia) 57. L IA. Zakstel'skaia Vop. virus. 2 no 6 373-375 N-D '57

ANTIGENS AND ANTIBODIES—CONGRESSES
International symposium on antibiotics. G. K. Skriabina, I. V. Konova, IU. M. Khokhlova. Mikrobiologiia 29 no 1 154-157 Ja-F '60.

ANTIMONY-LEAD ALLOYS see Lead-antimony alloys

ANTIPYRINE
Linear rate of crystallization as a function of layer thickness [with summary in English]. L. O. Meleshko. Zhur fiz. khim. 34 no. 1:39-42 Ja '60.

ANTIQUITIES see subdivision under Albania; Caucasus, Northern; Dnieper Valley; Dzhan-Bas-Kala region, Gradizhsk District; Ingul Valley, Laskov, Volyn' Province, Les'ki, Lomovatoye; Moscow, Novgorod, Pergamon; Podkamennaya Tunguska Valley, Krasnoyarsk Territory; Troyanov; Tsimlyanskaya District, *Tyasmin Valley*

ANURA
Stimulating the regeneration of extremities in tailless amphibians by tissue extracts. V. P. Kudokotsev. Dokl. AN SSSR 132 no. 3·715-718 My '60.

AORTA—DISEASES
Anatomical, topographical, and functional changes of the heart and hemodynamic changes following experimentally induced aortic insufficiency. S. S. Zaborlaev. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:130-142 '59.

APARTMENT HOUSES
(see also subdivision under Leningrad, Leningrad Province; Moldavia; Pervoural'sk; Sverdlovsk, White Russia)
Basement apartments in apartment houses. Biul. stroi tekh. 17 no. 3;35 Mr '60.
Building high-quality houses for the Soviet people. V. TSingalenok. Zhil. stroi. no. 1:14-17 Ja '60.
Conference on large-panel housing construction. Stroi arkhit. 8 no. 1:31 Ja '60.
Dependence of the structural coefficient on the sectional width and planned designs of apartment houses A. T. Griniuk. Sbor. nauch. trud. Bel. politekh. inst. no. 81: 124-138 '59.
Houses built of vibrated brick panels. Zhil stroi no 3 3 of cover F '60.
Investigating the construction of standard basementless houses on hills. R. M. Rondel'. Sbor. nauch. trud. Bel. politekh. inst. no. 70.97-106 '59.

APARTMENT HOUSES (Continued)

Pay more attention to the construction of multistoried buildings. Zhil.-kom khoz 10 no. 1:3 '60

Svetlichnyi, V. I. [Housing construction in the U.S.S.R.] O zhilishchnom stroitel'stve v SSSR. Moskva, Izd-vo "Znanie," 1960. 30 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 3, Ekonomika, no. 16)

Using architectonic possibilities in building large-panel apartment houses V Ass Arkhit SSSR no 2 24-26 '60

Walls of large-element apartment houses. IA E. Odel'skii. Sbor nauch trud. Bel. politekh. inst no. 81 80-81 '59.

What we learned from an accident. N. Kozlov. Zhil. stroi. no. 1:18-20 Ja '60.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Krasnodar Territory; Moscow; Novosibirsk, Saratov, Velikiye Luki)

Give a greater role to the cooperation of tenants in maintaining apartment houses Zhil -kom khoz 10 no. 1: 6-7 '60

APHASIA

Characteristics of speech perception and formation of language systems in sensory alalia V K Orfinskaia Probl fiziol akust 4 192-200 '59

Specific features of the auditory function during disorders in the activity of the cortical section of the auditory analysor in children N N Traugott Probl fiziol akust 4 201-207 '59

APHYLLIDINE

Alkaloids of the C15 series. Part 6: Cleavage of aphylline and aphyllidine with sodium amide. A. S. Sadykov, R. N. Nuriddinov. Zhur. ob. khim. 30 no. 5 1744-1747 My '60

APHYLLINE

Alkaloids of the C_{15} series. Part 6: Cleavage of aphylline and aphyllidine with sodium amide. A. S. Sadykov, R. N. Nuriddinov. Zhur. ob. khim. 30 no. 5 1744-1747 My '60

APLITES see subdivision under Uzbekistan

APOPLEXY

Medicolegal characteristics of traumatic (without skull injury) cerebral apoplexy P G. Areshev. Sud -med ekspert 3 no. 1:9-12 Ja-Mr '60

APPARATUS, OPHTHALMOLOGICAL see Eye, Instruments and apparatus for

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPELLATE COURTS

(see also subdivision under Ukraine)

Current plenum of the Supreme Court of the U.S.S.R. Biul Verkh Suda no 1:1-8 '60.

APPELLATE PROCEDURE

Some procedural problems relating to the work of court presidiums. A. Grun. Sots zakon. 37 no. 3 31-35 Mr '60.

APPENDECTOMY

Analysis of postoperative complications in acute appendicitis G. D Vilfavin, N. N. Fomin Voen. med. zhur. no 2 23-27 F '60

APPENDICITIS

"Acute appendicitis." Edited by Professor V. I. Kolesov. Reviewed by N. I. Krakovskii. Sov. med. 24 no. 1: 148-150 Ja '60.

"Acute appendicitis." Edited by V. I. Kolesov. Reviewed by S. M. Baranov. Voen.-med zhur. no 2:90-91 F '60.

"Acute appendicitis." Reviewed by A. N. Filatov. Vest. khir. 83 no. 12:101-103 D '59

Analysis of data of a clinical bacteriological examination of patients with acute appendicitis [with summary in English]. E. G. Kashkina, E. G. TSurinova. Vest. khir. 83 no. 12:69-72 D '59.

Clinical aspects of acute appendicitis in the absence of pathohistological changes in the appendix [with summary in English]. L. N. Leonova. Vest. khir. 83 no. 12: 72-77 D '59.

Complications of acute appendicitis in case of retrocecal position of the appendix [with summary in English]. S. A. Borovkov, V. V. Utkin. Vest. khir. 83 no. 12: 77-80 D '59

Diagnosis and treatment of appendicitis [with summary in English]. V. I. Kusheleva. Vest. khir. 83 no. 12: 81-83 D '59.

Perforation of the intestine by fish bones. I. F. Lavrov. Vest. khir. 83 no. 12:96-97 D '59.

APPLE

(see also subdivision under Daynau District)

Interesting apple hybrid. K. P. Popov, A. M. Shkurko. Agrobiologiia no. 1:148 Ja-F '60.

"Nonblooming" apple trees. V. A. Fedorov, V. A. Kolesnikov. Priroda 49 no. 5:122-123 My '60.

Yield of flowering crab apples and the chemical composition of the fruit L M IAremenko. Trudy Bot sada AN URSR 6:25-32 '59.

APPLE SCAB see subdivision under Ukraine

APPLIQUÉ

Thematic appliqué. G. A. Tumakova. Dosh. vosp. 33 no. 2:38-42 F '60.

APPRECIATION OF ART see Painting

APPREHENSION see Perception

APRICOT see subdivision under Crimea

APSHERON PENINSULA—GAS, NATURAL—GEOLOGY

Oil and gas phase constitution in oil and gas migration and pool formation. A. G. Durmish'ian. Azerb. neft. khoz. 38 no. 10:7-9 O '59.

APSHERON PENINSULA—OIL WELL LOGGING, RADIATION

Using the induced sodium activity method for determining the water-oil contact in the Balakhan'-Sabunchi-Ramany field (Oil Field Administration of the Lenin Petroleum Trust). S. M. Aksel'rod and others. Azerb. neft. khoz. 38 no. 11:11-12 N '59.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Oil and gas phase constitution in oil and gas migration and pool formation. A. G. Durmish'ian. Azerb. neft. khoz. 38 no. 10:7-9 O '59.

AQUARIUMS

How to set up and take care of an aquarium. T. Kovpanenko. Doshk. vykh. 21 no. 2:36-38 F '60.

AQUATIC BIRDS see Water birds

AQUEOUS HUMOR

Mechanism of disturbances in the amount of adrenaline and adrenaline like substances in the blood and aqueous humor of rabbits following total-body irradiation [with summary in English]. A F. Maslova Med rad. 4 no 12 36-41 D '59

ARABAN

Preparation of araban from sugar-beet pulp with the use of ionites. T. K. Gaponenkov, T. K. Stanislavskaia, Z. A. Ivanova. Zhur. prikl. khim. 33 no. 2:494-496 F '60.

ARABIC LITERATURE see subdivision under Sudan

ARABS see subdivision under Asia

ARAGVA VALLEY—RUNOFF

Geographical and annual distribution of runoff in the Aragva Basin. I. S. Apkhazava. Soob AN Gruz. SSR 23 no. 4:409-416 O '59.

ARAL SEA—HYDROGRAPHY

Water level fluctuations in the Aral Sea during the past hundred years. V. P. L'vov. Trudy GOIN no. 46:80-114 '59.

ARAL SEA—PARASITES

Parasite fauna and parasitic diseases of fishes in the Aral Sea. S. O. Osmanov. Trudy sov. Ikht. kom. no. 9:192-197 '59.

ARARAT, MOUNT—ALPINE FLORA

Some features of the phenology of Alpine vegetation on Mount Ararat. S G. Narinian. Izv. AN Arm. SSR. Biol. nauki 12 no 11:47-60 N '59.

ARBITRATION AND AWARD

(see also subdivision under Ukraine)

Leading opinions of the plenum of the Supreme Court of the U.S.S.R. Biul. Verkh Suda no 1.8-13 '60.

We should improve the work of arbitration agencies. M. Makarovs'kyi. Rad. pravo no. 6:100-102 N-D '59.

ARC LIGHT see Electric lighting, Arc

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Perm Province

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS—GUIDEBOOKS see subdivision under Odessa

ARCHAEOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION see subdivision under Alma-Ata

ARCHAEOLOGY

(see also subdivision under Dnepropetrovsk; Tsimlyanskaya District; Ukraine)

Institute of the History of Material Culture in 1957. Krat. soob. IIMK no. 78:119-126 '60.

On the seven-year plan of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. N. IA. Merpert. Sov. arkheol. 4 no. 1:3-13 '60.

ARCHANGEL PROVINCE—MEDICAL CARE

Organization of specialized medical care for the population of remote districts. F. P. Khudovekov. Zdrav. Ros. Feder. 4 no. 3:16-19 Mr '60.

ARCHES

Assembling steel domes and arches. A. Z. TSitrinovich. Nov. tekh. mont. i spets. rab. v stroi. 22 no. 1:13-16 Ja '60.

Designing reinforced concrete arches according to limiting equilibriums. N. V. Akhvlediani. Trudy Inst. stroi. dela AN Gruz. SSR. 7.47-60 '59.

Tests with laminated glued wooden arches and what we learned from the accidents with laminated glued ceiling elements of industrial buildings. I. M. Vetriuk. Sbor. nauch trud. Bel. politekh. inst. no. 70:61-71 '59.

ARCHITECTURAL LIGHTING see Lighting, Architectural and decorative

ARCHITECTURE

(see also subdivision under Bukhara, Kazakhstan; Novgorod; Polotsk)

Trends of Soviet architecture under conditions of further development of industrialization in buildings A. Vlasov. Arkhit SSSR no. 1 1-8 '60

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.

Architectural forms of large-element buildings. S. Vasil'kovskii Arkhit. SSSR no 1 57-62 '60

ARCHITECTURE—CONSERVATION AND RESTORATION see subdivision under Ukraine

ARCHITECTURE—DESIGNS AND PLANS

Bonus system for designers needs to be basically improved. T. Rubinshtein. Ekon. stroi. no. 2:53-56 F '60.

Competition for the best design of the Palace of the Soviets. Arkhit SSSR no 1.9-31 '60

Discussing designs of the Palace of the Soviets submitted for the competition. Arkhit. SSSR no. 1:32-40 '60.

Plan for the research, planning, and experimental work connected with the introduction of new machinery in construction in 1960. Biul. stroi. tekh. 17 no. 3:7-11 Mr '60.

Progressive designs executed by young architects A. Fisenko, A. Khrustalev Arkhit. SSSR no. 1 52-56 '60.

ARCHITECTURE, DOMESTIC

(see also subdivision under Arctic regions)

Houses of few stories built of large construction elements Arkhit. SSSR no. 1 40-51 '60.

New types of houses for rural construction P. Krutov, A. Aksel'rod Arkhit. SSSR no 2 30-35 '60.

Precast reinforced concrete one-story houses A Platkov Zhil. stroi no 2:10-12 F '60

ARCHITECTURE, DOMESTIC—DESIGNS AND PLANS

Standard plans for construction in rural areas of the Russian Federation. P. Bukreev, V. Brykin, G. Raskopin. Zhil. stroi. no. 1:6 Ja '60.

ARCHIVES see subdivision under France; Moscow

ARCTIC OCEAN—ICE

The floating ice island of the station "North Pole 6." K. A. Sychev. Probl. Arkt. no. 5:121-124 '58.

The ice floe of the station "North Pole 7." N. V. Mustafin. Probl. Arkt. no. 5:127 '58.

ARCTIC OCEAN—TEMPERATURE

The "age" of Atlantic waters in the Arctic Basin. V. T. Timofeev. Probl. Arkt. no. 5:27-31 '58.

ARCTIC REGIONS—ARCHITECTURE, DOMESTIC

Group of houses to be built on the Arctic coast K. Agafonov Arkhit SSSR no 2 36-38 '60.

ARCTIC REGIONS—ATMOSPHERIC PRESSURE

Relation between pressure changes near the earth's surface and in the free atmosphere. B. P. Malykh. Probl. Arkt. no. 5:57-65 '58.

ARCTIC REGIONS—FISHES

Its name is "Severianka" (to be concluded). E. Fedorovskii. Vokrug sveta no. 2:9-12 F '60.

ARCTIC REGIONS—ICE—TEMPERATURE

Heat balance of the ice cover in the central Arctic. G. N. IAkovlev. Probl. Arkt. no. 5:33-45 '58.

ARCTIC REGIONS—LIBRARIES

Development of library service among the minor peoples of the Far North. F. IA. Likhovid Trudy Gos. bibl. SSSR 3:3-66 '59.

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL—DIURNAL VARIATION

Magnetic field disturbances in regions covered by the drifting stations "North Pole 3" and "North Pole 4." N. A. Miliaev. Probl. Arkt. no. 5:73-80 '58.

ARCTIC REGIONS—OCEAN CURRENTS

The "age" of Atlantic waters in the Arctic Basin. V. T. Timofeev. Probl. Arkt. no. 5.27-31 '58.

ARCTIC REGIONS—OCEANOGRAPHIC RESEARCH

Oceanographic expedition on the ship "Toros." A. B. Denisov. Probl. Arkt. no. 5:139-140 '58.

ARCTIC REGIONS—SEDIMENTS (GEOLOGY)

Preliminary data on the mineralogical composition of recent bottom sediments of the Chukchi Sea and the eastern part of the East Siberian Sea. L. K Turzhetskaia. Inform biul NIIGA no. 13:42-45 '59.

ARCTIC REGIONS—SOLAR RADIATION
Radiation balance of the Arctic. M.K.Gavrilova. Trudy GGO no.92:3-20 '59.

ARCTIC REGIONS—THUNDERSTORMS
Thunderstorms in the Arctic. A.N.Petrova. Probl.Arkt. no.5:67-71 '58.

ARGON
Argon in meteorites. A.P.Vinogradov, I.K.Zadorozhnyi, K.G.Knorre. Meteoritika no.18:92-[illegible] '60.
Preservability of argon in micas [with summary in English]. L.R.Ovchinnikov and others. Geokhimiia no.8:704-710 '59.
Statistical thermodynamic calculation of the adsorption equilibrium of argon on graphite. A.V.Kiselev, D.P.Poshkus. Dokl.AN SSSR [illegible] no.4:876-879 [illegible] '60.

ARID REGIONS
Calculating fresh ground water reserves in arid regions. B.A.Shagoiants. Sov.geol. 2 no.11:141-145 N '59.

ARISTOV, FEDOR FEDOROVICH, 1888-1933
F.F.Aristov, 1888-1933. T.F.Aristova, V.P.Vasil'ev. Krat.soob.Inst.slav. no.27:87-93 '59.

ARITHMETIC
Asymptotic evaluation of arithmetic sums. B.M.Bredikhin. Izv.AN Kazakh.SSR.Ser.mat.i mekh. no.8:70-87 '59.
Some problems connected with the foundations of arithmetic of whole numbers. S.S.Molodshii. [illegible] 101:191-202 '58.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.
Interesting problems. T.IA.Pashkov. Mat.v shkole no.1:60-61 Ja-F '60.

ARITHMETIC—STUDY AND TEACHING
Analyzing the presentation of fractions in the arithmetic course. [illegible] P.Aleksashin. [illegible] '59.
Figures of the seven-year plan in arithmetic classes. Z.M.[illegible] '59.
Glotov, I.I. [Exercises in inculcating arithmetic skills in grade 5-8 students of secondary schools; from work practice] Uprazhneniia po privitiiu vychislitel'nykh navykov uchashchimsia V-VIII klassov srednei shkoly; iz opyta raboty. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1959. 68 p. (Iz opyta uchitelia)
Ponomarev, S.A., and N.I.Syroev. [Collection of problems and exercises in arithmetic for grades 5 and 6 of the eight-year school] Sbornik zadach i uprazhnenii po arifmetike dlia V-VI klassov vos'miletnei shkoly. Izd.2., dop. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1960. 234 p.

ARM
Functional characteristics of the structure of large branches of the muscles of the forearm [with summary in English] F.A.Ikonikova. Arkh.anat.gist.i embr. 37 no.12:35-44 D '59.

ARM—FRACTURE
Apparatus for repositioning fractures of bones of the forearm. N.G.Vyslonskii. Ortop.,travm.i protez. 20 no.12:41-44 D '59.
Portable apparatus for repositioning fractures of both bones of the forearm. F.F.Saliu. Ortop.,travm.i protez. 20 no.12:42-43 D '59.

ARM—INNERVATION
[illegible] '59.

ARMASH (YEREVAN DISTRICT)—HEALTH EDUCATION
Rural museums for health education. M.I.Zinger, N.B.Karapetian. Zdorov'e 6 no.2:11 F '60.

ARMENIA—BATHS, MEDIEVAL
Medieval bath houses in Armenia. O.Kh.Khalpakhch'ian. Sov.arkheol. 4 no.1:215-224 '60.

ARMENIA—CONSTRUCTION INDUSTRY
On the analysis of the utilization of working force. [illegible] '59.

ARMENIA—ECONOMIC CONDITIONS
The Russian federation's political, economic and military aid to Soviet Armenia, 1920-1922. A.P.Bagirov, A.S.Vartapetian. Ist.SSSR no.1:114-125 Ja-F '60.

ARMENIA—EMIGRATION AND IMMIGRATION
Back in their homeland. B.Grigorian. Vokrug sveta no.2:58-59 F '60.

ARMENIA—RELATIONS (GENERAL) WITH THE UKRAINE
Historical ties of the Ukrainian and Armenian peoples. V.K.Voskanian, V.V.Hrabovets'kyi, I.I.Shul'ha. Ukr.ist.zhur. 4 no.1:143-145 Ja-F '60.

ARMENIA—REVOLUTION, 1917-1921
Karapetian, S.Kh. [How the Communist Party struggle for the victory of the October Revolution in Armenia] Kommunisticheskaia partiia v bor'be za pobedu Oktiabr'skoi revoliutsii v Armenii. Erevan, Aipetrat, 1959. 195 p.

The Russian federation's political, economic and military aid to Soviet Armenia, 1920-1922. A.P.Bagirov, A.S.Vartapetian. Ist.SSSR no.1:114-125 Ja-F '60.

ARMENIA—SCIENCE—BIBLIOGRAPHY
Activities of the committee on the history of [illegible]

ARMIES see also subdivision "Army" under Albania; Russia

ARMIES—EQUIPMENT
Abramov, V.K. [Man and equipment in modern war] Chelovek i tekhnika v sovremennoi voine. Moskva, Voen.izd-vo M-va oborony SSSR, 1960. 103 p.

ARMY IN RUSSIA see Military [illegible]

AROMATIC COMPOUNDS
Studying the temperature dependence of the interaction between aromatic molecules in vapor. [illegible]

ARSENIC see subdivision [illegible] Black Sea

ARSENIC—ISOTOPES
[illegible]

ARSENIC COMPOUNDS
[illegible]

ARSENIOUS ACIDS
[illegible]

ARSENIC ACIDS
[illegible]

ART
[illegible]

ART—ANALYSIS, INTERPRETATION, APPRECIATION
[illegible]

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS
[illegible]

ART—EXHIBITIONS
[illegible]

ART—EXHIBITIONS, TRAVELING
[illegible]

ART—PERIODICALS
Foreign art journals. [illegible]

ART—PHILOSOPHY
[illegible]
Special features of the artistic [illegible] Vop.filos. 14 no.3:[illegible]

ART—STUDY AND TEACHING
[illegible]

ART—TECHNIQUE
[illegible]

ART, ALBANIAN—EXHIBITIONS see [illegible] Moscow

ART, AMERICAN [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

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ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ART, [illegible]

ARTEMISIA [illegible]

ARTERIES [illegible]

ARTERIES

Morphology of the arteries of the forearm. [illegible] dyev. Zdrav.Turk. 3 no.6:25 [illegible] '59

ARTERIES—DISEASES

New methods in the health [illegible] of patients with obliterating [illegible] med.zhur. no.[illegible] '60

Tenoplastic amputation [illegible] patients with obliterating [illegible] Azerb.med.zhur. [illegible] '60

ARTERIES—SURGERY

Suture of the arteries [illegible] experimental study. A.M.D[illegible] Zdrav.Belor. [illegible] 23-25 Ja '60

ARTERIOSCLEROSIS

Atherosclerosis. B.V.I[illegible] 6 [illegible] '60.

Atherosclerosis of the brain. [illegible] Klin. med. 38 no.1:[illegible] Ja '60

Diet in atherosclerosis. [illegible] Obshchestv.pit. no.1:[illegible] Ja '60

Effect of [illegible] atherosclerosis [illegible]

Everything could be otherwise. A.L.[illegible] [illegible]orov'e 6 no.1:20 [illegible]

Influence of vitamin [illegible] hypercholesterolemia [illegible] [with summary in English]. [illegible] med.khim. 6 no.1:[illegible]

Phosphorus compounds of [illegible] atherosclerosis [illegible] Kaz.med.zhur. 40 no.6:[illegible]

Role of diet in the prevention of [illegible]

Role of the nervous system in the [illegible] atherosclerosis. [illegible] 6:464-475 '59

Session of the State [illegible] Therapy in Moscow [illegible]

Session of the State Research Institute of [illegible] Physiotherapy of the Ministry of Health [illegible] A.G.Dragunova [illegible] N-D '59

ARTHRITIS

Influence of [illegible] of the joints [illegible] no.1:[illegible] Ja '60.

ARTHRITIS, RHEUMATOID

Diuretic effect of [illegible] V.V.[illegible] 5 no.6:[illegible] '59

ARTIFICIAL INSEMINATION

Odin, P.V., and others. [illegible] farm animals, a manual for [illegible] nary workers [illegible] red. G.V.Parshutin. Moskva [illegible] lit-ry, 1959. 424 p.
(MA)

Physiology of [illegible]

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIMBS

Prosthesis of a [illegible] long stump. G.Vitenzon [illegible] no.1:49-50 Ja '60

ARTIFICIAL PNEUMOPERITONEUM see Pneumoperitoneum, Artificial

ARTIFICIAL SATELLITES

Artificial earth satellites [illegible] Meteoritika [illegible]

Artificial satellites [illegible]

Calculation of moments of [illegible] the earth's satellites [illegible] artificial satellites [with summary in English]. [illegible] Biul. Inst.teor.astron. 7 no.[illegible]

Changes in the albedo of the first artificial earth satellite caused by the action of external [illegible] I.M.[illegible] O.V.Gurko. Isk.sput.Zem. [illegible]

Convergence of series representing [illegible] artificial earth satellites [with summary in English]. M.S. Iarov-Iarovoi. Biul.Inst.teor.astron. 7 no.[illegible] '60.

Determining [illegible] of an artificial satellite [illegible] sunlight. I.M.[illegible] Isk.sput.Zem. [illegible] '60.

Determining initial orbits of artificial satellites according to observations with approximately known time [with summary in English]. Iu.V.Batrakov. Biul.Inst.teor.astron. 7 no.7:[illegible]

Determining [illegible] of the orbit of an artificial satellite according to [illegible] observations [illegible]

[illegible] of the upper atmosphere according to [illegible] of the third Soviet artificial earth satellite. [illegible] D.[illegible]

[illegible] of an artificial earth satellite in [illegible] [with summary in English]. [illegible] nabl. isk.sput.Zem. [illegible] '60

[illegible] satellites. [illegible] 20 [illegible]

Improving orbits of artificial earth satellites according to observations with approximately known time [with summary in English]. D.E.[illegible] Iu.V.Batrakov. Biul.Inst.teor.astron. 7 [illegible]

[illegible] with the third Soviet [illegible]

Magnetic [illegible] of the third Soviet artificial [illegible]

[illegible]

[illegible]

[illegible]

Preliminary [illegible] of artificial satellites [illegible] [with summary in English]. [illegible] Iu.V.Batrakov. Biul.Inst.teor.astron. [illegible]

Results of [illegible] of artificial earth satellites at the Institute for Theoretical Astronomy [illegible] [with summary in English]. Iu.V.Batrakov. Biul.Inst.teor.astron. [illegible]

Results of [illegible] artificial satellite [illegible]

Results of [illegible] of artificial earth satellites [illegible] astron. [illegible]

[illegible] artificial satellites [with summary in English]. [illegible] Biul.Inst.teor.astron. [illegible]

[illegible]

ARTIFICIAL SATELLITES—[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Comparison of [illegible] of the third Soviet artificial earth satellite [illegible]

[illegible] earth satellites [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Results of photographic observations of artificial earth satellites. V.Dremelis and others. Biul.sta.opt.nabl. isk.sput.Zem. no.1:14-22 '60.

Special plate holders for photographing satellites [with summary in English]. [illegible] Biul.sta. opt.nabl.isk.sput.Zem. no.7:12-23 '60

Switching type circuits for time recording during visual observations of artificial earth satellites [with summary in English]. [illegible] Biul.sta.opt.nabl.isk. sput.Zem. no.14:[illegible] '60.

Variations in the brightness of the rocket carrier [with summary in English]. V.P.[illegible] Biul.sta.opt. nabl.isk.sput.Zem. no.[illegible] '59.

ARTISTIC PHOTOGRAPHY see Photography, Artistic

ARTISTS

A.P.Chekhov and Russian artists. V.Romanenko. Iskusstvo 23 no.1:47-52 '60.

ARTISTS, UKRAINIAN

Dreams and plans. G.Meshchikin. Sov.Ukr. 10 no.1: 133-138 Ja '60.

ARYK BALYK DISTRICT—AGRICULTURE

We shall produce 120 poods of grain per hectare. A.Kos-tiakov. Sel'.khoz.Kazakh. [illegible] '60.

ARYKOV, GEORGII NIKOLAEVICH

Public technical safety inspector. [illegible] Zhil. kom.khoz. 10 no.2:10 '60

ASBESTOS

Ryskin, M.V. [Asbestos, market of capitalist countries] Asbest, rynok kapitalisticheskikh stran. Moskva, Vneshtorgizdat 1959 185 p.

ASBESTOS CEMENT

(see also subdivision under Payerne, Switzerland)

Using asbestos cement in facing brick blocks. A.Dell'olit, [illegible] V.Kotin. Zbor.nau.bedrad.Ret.politekh. inst. [illegible] '59

ASCARIDS AND ASCARIASIS

Clinical aspects of ascariasis. A.I.Vemmer, IU.K. Kindrats. Zdrav.Belor. 6 no.1:38-39 Ja '60.

Cytochemical study of the process of fertilization in Ascaris suis [with summary in English]. A.A.Savich. [illegible] 4:164-166 '59.

A rare case of ascariasis in sheep [with summary in English]. I.V.Shcherbinin. Zool.zhur. 38 no.12:1888 D '59

Rare case of the penetration of ascarids in the suture of an anastomosis following stomach resection. S.O.Blank. [illegible] med.zhur. 4 no.4:53-57 O-D '59.

Recent data from histochemical analysis of the developing eggs of Ascaris suum [with summary in English]. P.V.Makarov. [illegible] 4:47-61 '59.

ASCOMYCETES see subdivision under Trans Ili Alatau

ASCORBIC ACID

Changes in the nucleic acid and vitamin C content of [illegible] generations during [illegible] [with a summary in English]. V.A. Zakhar-[illegible] Fiziol.rast. 7 no.1:67-72 '60

Determination of ascorbic and dehydroascorbic acids in the blood [with summary in English]. A.P.Ryzhova. Vop.med.khim. 6 no.1:96-99 Ja-F '60

Effect of trace elements in increasing the vitamin C activity of tomatoes [with summary in English]. IU.G. Mavrishchikina. Fiziol.rast. 7 no.1:[illegible] '60.

Use of ascorbic acid in the treatment of thyrotoxicosis and the condition of the oxidation reduction process. M.A.Teplov. Azerb.med.zhur. no.2:51-56 F '60.

Vitamin C activity in tomatoes. IU.G.Mavrishchikina. Vop.pit. 19 no.1:91 Ja-F '60.

ASH (TECHNOLOGY)

Heat conduction and fractional composition of ash deposits on pipes and of laboratory ashes of some fuels. R.G.Prashin, I.A.Vainshenker. Teploenergetika 7 no.3:80-83 Mr '60.

ASH DISPOSAL

Manufacturing the bodies of wet ash collectors by rolling methods. G.I.Slatteyn. Elek.sta. 31 no.1:79-80 Ja '60.

Performance of wet ash collectors operating with ashes from milled peat. N.D.Khirin, N.V.Tentrit. Teploenergetika 7 no.3:52-56 Mr '60.

ASHKHABAD—LIVER—ABSCESS

Frequency and diagnosis of liver abscesses. A.K.Kuliev. Zdrav.Turk. 3 no.6:7-9 N-D '59.

ASHKHABAD—RHEUMATIC FEVER

Visceral forms of rheumatic fever. M.N.Charutlayeva. Zdrav.Turk. 3 no.6:3-7 N-D '59.

ASIA

Geograficheskoe obshchestvo SSSR. [Countries and peoples of the Orient] Strany i narody Vostoka. Pod red. V.V.Struve. Moskva, Izd-vo vostochnoi lit-ry. Vol. 1, 1959.
(MIR)

ASIA—AGRICULTURE
Agrarian question of the East today. G. Kotovskii. Sovr. Vost no 5:21-24 My '60

ASIA—ARABS
Arabic people of Asia. S. I. Bruk, A. I. Pershits. Geog. v shkole 23 no. 1:31-46 Ja-F '60.

ASIA—DEFENSES
The colonialist stick again. V. Tinov. Sovr. Vost. no 5 53-54 My '60.

ASIA—ECONOMIC CONDITIONS
How the underdeveloped countries of Asia are strengthening their economic independence. E. Troitskii. Otv. na vop. trud. no. 105:26-31 '59.

ASIA—FOREIGN RELATIONS—RUSSIA
Visit to Asia. Sovremennik. Nov. vrem. 18 no. 7:4-5 F '60.

ASIA—GEOLOGY, STRUCTURAL
Principal morphological and structural features in the central part of the Asian continent. V. G. Lebedev. Dokl. AN SSSR 132 no. 4 899-902 Je '60.

ASIA—METEOROLOGY—CONGRESSES
Second session of the Asian Regional Association of the World Meteorological Organization. Meteor. i gidrol. no. 5:60-62 My '60.

ASIA—POLITICS
Bandung, a quest for progress. Isak Mahdi. Sovr Vost. no 5:20 My '60
The voice of the East in the world arena S. Verbitskii. Sovr. Vost no. 5:2-3 My '60.

ASIA, CENTRAL—SULFUR MINES AND MINING
Peculiarities of draining certain sulfur deposits in Central Asia. D. I. Peresun'ko. Izv. vys. ucheb. zav., gor. zhur. no. 10:18-23 '59.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASKANIYA-NOVA PRESERVE
Askaniya-Nova. B. Likhar'. IUn. nat. no. 1:25-27 Ja '60.

ASPERGILLUS NIGER
Phosphorus metabolism in the T-1 variant of Aspergillus niger obtained by ultraviolet irradiation. Report No. 1: Cultural and biochemical differences between the original and experimentally obtained strains [with summary in Egnlish]. Sung Hung-Yu. Mikrobiologiia 29 no. 1: 6-13 Ja-F '60.

ASPERGILLUS ORYZAE
Induced synthesis of amylase by the mycelium of Aspergillus oryzae [with summary in English]. A. S. Tikhomirova. Mikrobiologiia 29 no. 1:90-96 Ja-F '60.

ASPHALT
Poured asphalt made with bituminous sandstone. S. Gerasimov Zhil.-kom. khoz 10 no. 1:21-22 '60.

ASPHYXIA—JURISPRUDENCE
Legal medical evaluation in cases of poststrangulation asphyxia. M. I. Fedorov. Kaz. med. zhur. 40 no. 6: 61-63 N-D '59.

ASSEMBLY-LINE METHODS
Assembling operations are mechanized up to 90%. A. N. Cherepakhin. Mashinostroitel' no. 2:12-13 F '60.
Comparing the characteristics of various methods for the organization of assembly-lines in the punching sections of shoe factories. L. L. Alekseeva. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 6:3-9 '59.
Continuous line for the production of porcelaine used in electric equipment. V. G. Fedorenko and others. Vest. elektroprom. 31 no. 1.58-59 Ja '60.
From integrated to semiautomatic production lines in shoe manufacture. A. S. Shvarts, M. D. Smirnov. Kozh.-obuv. prom. 2 no. 1:5-8 Ja '60.
Kovan, V. M., and A. A. Kokhtev. [Assembling in the manufacture of machines; history of the development] Sborka v mashinostroenii; ocherk istorii razvitiia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 71 p.
Role of assembly-line methods in lowering costs and speeding up construction of hydroelectric power stations. A. Filatov. Stroi. i arkhit. 8 no. 1:12-15 Ja '60.
Rhythm has entered massproduction. A. Kirichenko. Nauka i zhizn' 27 no. 1:45-48 Ja '60.
Use of a multicycle continuous line in the production of electric instruments. I M. Tkalin. Vest elektroprom. 31 no 1:55-58 Ja '60.
Using assembly conveyers in manufacturing instruments. V. I. Borisov. Mekh. i avtom. proizv. 14 no. 2:22-26 F '60.
Using assembly-line methods in making vibrated brick panels. N. Morozov, I. Lagun, S. Gorelik. Stroitel' no. 1: 22 Ja '60.
Using assembly-line methods in making wire-reinforced crossties. G. S. Ivanov, V. G. Begichev. Transp. stroi. 9 no. 12:27-31 D '59.
Welding of assembly joints in assembly line preparation of welded I-shapes. V. V. Meshkov. Avtom. svar. 13 no. 2:83-84 F '60.

ASSUAN DAM see Aswan dam

ASTEROIDS see Planets, Minor

ASTRAKHAN—THEATER
"The third pathetic." V. Levitina. Teatr 21 no. 2:76-77 F '60.

ASTRAKHAN—THEATER, OPEN-AIR
Winter cinema in the open air. S. P. Bykov. Zdorov'e 6 no 2:21 F '60

ASTRAKHAN PROVINCE—MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION
Results of a contest. A. Kileev. Pozh. delo 6 no. 2:9 F '60.

ASTRAKHAN PROVINCE—PENSIONS
The first step has been made. S Shmukler. Sots. obesp. 21 no 1:17-21 Ja '60

ASTRAKHAN PROVINCE—VEGETABLES
Preparation of the resources of raw products for canneries of the Astrakhan Economic Council for the 1960 season. T. F. Voronov. Kons. i ov. prom. 15 no. 2: 29-31 F '60.

ASTRONAUTICS
Biological problems of astronautics V Danyleiko. Nauka i zhyttia 8 no 2 13-16 F '58.
Nations of the world praise the great exploit of the Soviet people. Blok. agit. [Ukr.] no. 3:38-40 Ja '59.

ASTRONOMICAL INSTRUMENTS
Photographic integrator, an instrument for determining the brilliance of bright expanded objects, and its use D. E Shchegolev Izv GAO 20 no 3 123-125 '56

ASTRONOMICAL PHOTOGRAPHY
Photographing the rocket carrier of the third Soviet satellite with narrow-film cameras [with summary in English]. F. M. Poroshin. Biul sta. opt. nabl. isk. sput Zem no. 7.24 '59

ASTRONOMICAL PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
Catalog of characteristics of photographic plates used in astronomy [with summary in English]. I. I. Breido. Izv. GAO 20 no. 5:156-157 '58.
Evolution of the latent photographic image in recent photographic materials. I I. Breido. Izv. GAO 20 no. 2:141-148 '56.
Investigating the phenomena of nonreciprocity of recent photographic plates. I I. Breido. Izv. GAO 19 no. 6. 112-121 '55
Optical and photometric properties of the ASI-4 astrographic mirror-lens camera [with summary in English]. A. V. Markov. Izv. GAO 20 no. 5.130-137 '58.
Special plate holders for photographing satellites [with summary in English] E IA. Bugoslavskaia. Biul. sta. opt. nabl. isk sput. Zem. no. 7 22-23 '59

ASTRONOMICAL PHOTOMETRY see Photometry, Astronomical

ASTRONOMY
Astronomy for the masses. IU. G. Perel'. Priroda 49 no. 5:115-118 My '60.

ASTRONOMY—ABSTRACTS
[Astronomy and geodesy; abstracts nos. 3771-4800.] Referativnyi zhurnal: Astronomiia i geodeziia no. 5 My '60.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—STUDY AND TEACHING
Teaching astronomy in secondary schools. T. M. Shul'gina. Uch. zap. MGPI 118.83-97 '57.
Visual method in teaching astronomy in secondary schools. A. D. Mogilko Uch. zap. MGPI 118:98-112 '57.

ASTRONOMY, SPHERICAL AND PRACTICAL
Astronomy at the Moscow Geodetic Institute; from the history of practical field astronomy in Russia. M. K. Ventsel'. Trudy MIIGAIK no. 35:67-96 '59.

ASWAN DAM
From the Dnieper to the Nile. Dmytro Dons'koi. Ukraina no. 4:5 F '60.
Much ado about nothing. Nov. vrem. 18 no. 7:24 F '60.
What is the dam which we are building in Egypt? I. Mirkina. Otv. na vop. trud. no. 108:41-44 '59.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATHEISM
(see also subdivision under Pskov Province; Rumania; Somovo, Voronezh Province, Tatar A. S. S. R.; Ukraine)
Artificial satellites and religious fables. I. Kolchyns'kyi. Nauka i zhyttia 8 no. 4:37-39 Ap '58.
The atheist club. N. Serpov. Agitator no. 2:54 Ja '60.
Atheistic motifs in A. S. Pushkin's work. V. Rusin. Nauka i zhyttia 8 no. 2:49-51 F '58.
Darwinism and religion ("Antireligious role of Darwinian theory and agricultural practice" by A. S Palamarchuk. Reviewed by F. Polkunov). Nauka i zhyttia 8 no 2. 58-59 F '58.
"Handbook for atheists." Book review. Blok. agit. [
no. 6:43-47 F '60.
Mathematics unmasks religious superstitions B F
skovs'kyi Nauka i zhyttia 8 no 2 41-44 F '58
Michurin's theory refutes the fables of religion V S
zarova Nauka i zhyttia 6 no 9 27-29 S '56
The most important events in the life of churches and religious groups in the U. S. S. R. N. T. Mat. i soob. otd. Inst. po izuch. SSSR no. 11:50-53 Ja '60.
Nadia Sotnikova left the Baptist Church. V. Ryndina. Part. zhizn' Kazakh. 30 no. 1:56-59 Ja '60.
No, we have to discuss these problems. Part. zhizn' Kazakh. 30 no. 1:64-67 Ja '60.
"Problems of atheism"; a collection. Reviewed by I. Alekseiev. Nauka i zhyttia 8 no. 4:59-60 Ap '58.
Promotion of atheism is everybody's business. I TS
merian. Nauka i rel. no. 1 82-83 Ja '60.
Some remarks about the propaganda of scientific athei
F. Lukinskii. Kommunist 37 no. 9:109-116 Je '60.
V. I. Lenin on the history of atheism. M. I. Shakhnovich. Ezhegod. Muz. ist. rel. i ateiz. 3:3-45 '59.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheis

ATHEISM—CONTROVERSIAL LITERATURE
Russian atheistic manuscript collections of the end of t
18th and the beginning of the 19th centuries M. M. Persits. Vop ist. rel. i ateiz. no. 7 361-393 '59

ATHEISM—EXHIBITIONS
Antireligious exhibition. V. Shydenko, I. Sas. Nauka i zhyttia 8 no. 4:44-46 Ap '58.

ATHEISM—PERIODICALS
"Ateist," a bulletin of atheistic information, no. 1. Reviewed by P. Kameniev. Nauka i zhyttia 8 no. 4 6
Ap '58.

ATHEISM—STUDY AND TEACHING
Antireligious propaganda. S. Kalashnikov. Prom. koop. 14 no. 1:35 Ja '60.
"Secret" of a lecturer's proficiency. I. E. IUnoshev. Na. i rel. no. 4:83-84 D '59.

ATHENS—PARTHENON
Parthenon. K. Zhukov. Znan.-sila 35 no. 2:34-35 F '60.

ATHEROSCLEROSIS see Arteriosclerosis

ATHLETES—DISEASES AND HYGIENE
Restoration of the functional ability of athletes follow
fractures of the navicular bone of the hand. Z. S. Mir
nova, A. S. Imamaliev. Azerb. med. zhur. no. 1.31 3
Ja '60.

ATLANTIC OCEAN—OCEAN TEMPERATURE
Heat balance of the North Atlantic. L. A. Strokina. Tr
GGO no. 92:27-40 '59.

ATLANTIC OCEAN—SEISMIC WAVES
Some cases of microseismic excitation in the Atlantic a
Pacific Oceans. V. N. Tabulevich. Dokl. AN SSSR 13
no. 4:814-817 Je '60.

ATMOSPHERE
Results of measuring the absolute scattering functio
and the polarization of light in the bottom layer of the atmosphere [with summary in English]. T. P. Toropo
Izv. Astrofiz. inst. AN Kazakh. SSR no. 9:108-117 '5

ATMOSPHERE, UPPER
Meteoric matter and some problems in the geophysics of the high layers of the atmosphere. B. A. Mirtov. Is
sput. Zem. no. 4:118-134 '60.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS
Determining the density of the upper atmosphere accor
ing to results of observations of the third Soviet artifi
cial earth satellite. P. E. El'iasberg. V. D. IAstrebo
Isk. sput. Zem. no. 4:18-30 '60.
Variations in the density of the upper atmosphere accord
ing to observed changes in the circling time of artifi
cial earth satellites. G. A. Kolegov. Isk. sput. Zem. no. 4:31-34 '60.

ATMOSPHERIC NUCLEATION
Formation of NO^+ in the upper atmosphere. A. D. Danilo
Isk. sput. Zem. no. 5:60-65 '60.

ATMOSPHERIC PRESSURE
(see also subdivision under Arctic regions)
Correspondence between Evangelista Torricelli and Michelangelo Ricci. V. P. Zubov. Vop. ist. est. i tekh. no. 8:95-101 '59.

ATMOSPHERIC TEMPERATURE
(see also subdivision under Antarctic regions; Odess
Province)
New possibilities for the twilight method in determin
the temperature of the stratosphere and ionosphere. M. P. Perevertun. Trudy Sekt. astrobot. AN Kazakh SS
7:200-206 '59.
Role of radiant and turbulent heat exchange in the formation of temperature stratification in the atmospheric boundary layer. L. A. Kliuchnikova, F. N. Shekhter. Trudy GGO no. 94:33-38 '60.

ATMOSPHERIC TEMPERATURE (Continued)

Thermal sounding of the atmosphere by [illegible] measurements [with summary in English]. [illegible] Kondrat'ev, O. A. Zhukov. Vest. LGU 15 no.10:15-[illegible] '60.

Theory of the transformation of air masses over the sea. M. E. Berlyand. [illegible] no.94:138-144 '60.

ATMOSPHERIC TRANSPARENCY

Determining the [illegible] [with summary in English]. A. V. [illegible] AN [illegible]

ATMOSPHERIC TRANSPARENCY — CONGRESSES

Interdepartmental conference on atmospheric transparency and visibility. [illegible] no.5:[illegible] '60.

ATMOSPHERIC TURBULENCE

(see also subdivision under [illegible])

Application of [illegible] bumps in affecting [illegible]

Daily picture of the turbulence [illegible] field. L. A. [illegible] AN [illegible] no.6:71-76 '59.

Probing the atmosphere with radar. [illegible] 17 no.1:[illegible] '60.

ATOMIC BOMB see subdivision under [illegible]

ATOMIC BOMB — PHYSIOLOGICAL EFFECT

Review of A. M. [illegible] 83 [illegible]

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER see subdivision under [illegible]

ATOMIC POWER PLANTS see subdivision under Novo-Voronezh

ATOMIC SHIPS

[illegible]

People, ships, and [illegible] 147-151 D '59.

ATOMIC SPECTRUM see Spectra, Atomic

ATOMIC WEAPONS see subdivision under [illegible] West

ATOMIC WEAPONS — INTERNATIONAL CONTROL

Meditations after [illegible] 196-200 Mr '60.

ATOMIC WEAPONS — [illegible] see subdivision under United States

ATOMIZATION

Drying gelatin by [illegible]

Quality of [illegible]

Shape of the liquid film [illegible] V. A. [illegible] Mekh. [illegible]

Simplest device for [illegible] Gorshkov. [illegible]

ATOMS

Kondrat'ev, V. N. [illegible] Struktura atomov [illegible]

[illegible]

ATROPINE

Comparative [illegible]

Effect of [illegible]

ATTAR OF ROSES

Effect of the time lapse between [illegible] fermentation upon the quality [illegible] content in rose flowers. [illegible] prom. 26 no.4:[illegible]

ATTENTION

Developing attention [illegible]

ATTRIBUTES [illegible]

AUDIOMETRY

[illegible] A. M. [illegible] Probl. fiziol. akust. [illegible]

Comparative characteristics of the threshold of hearing [illegible] and electroencephalographic [illegible] Probl. fiziol. akust. 4:84-90 [illegible]

Electronic apparatus for measuring alpha rhythm variation [illegible] Probl. fiziol. akust. [illegible]

[illegible] of hearing in normal [illegible] and during [illegible] Probl. fiziol. akust. [illegible]

Hearing [illegible] in children during their first year of life. A. M. [illegible] Probl. fiziol. akust. [illegible]

[illegible] the alpha rhythm inhibition [illegible] V. A. Kozhevnikov, [illegible]

[illegible] blinking and ocular reactions [illegible] Probl. fiziol. akust. 4:[illegible]

[illegible]

[illegible] Probl. fiziol. akust. [illegible]

[illegible]

(see also [illegible])

[illegible]

AUDITORIUM see subdivision under Moscow

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

AUSTRIAN LITERATURE — HISTORY AND CRITICISM

[illegible]

[illegible]

[illegible]

AUTHORS, AMERICAN

[illegible]

AUTHORS, SOUTH AFRICAN

[illegible]

AUTHORS AND [illegible]

[illegible]

AUTHORS AND THE THEATER see subdivision under Moscow

AUTOCLAVES

Investigating chemical and physical processes in cement-paste bricks during autoclave hardening. M. M. Kapkin. Trudy NIIТsement no.13:84-100 '60.

Rapid method for treating reinforced concrete products in autoclaves. A. P. Alekseev. Promyshl. stroi. 37 no.12:[illegible] D '59.

AUTOMATIC CONTROL

AB-7m type equipment for the automatic control of mine water pumping. Shakht. stroi. 4 no.2:3 of cover F '60.

Amplifiers of error signals in electrical systems of automatic control [with summary in English]. L. L. Bekalnon. Avtom. i telem. 21 no.1:100-111 Ja '60.

Articles from periodicals. Priborostroenie no.1:3 of cover Ja '60.

"Automatic control and computing equipment." Reviewed by G. Ilianov. NTO 2 no.2:63-64 F '60.

"Automatic control" by E. P. Popov. Reviewed by A. B. Chelnokin. Priborostroenie no.1:30-31 Ja '60.

Automatic control device for the 2135 type vertical drilling machine. Mekhanizatsiia [illegible] no.8:24-26 '59.

Automatic control devices used in the manufacture of sewing needles. Zh. K. Krundin, V. N. Loganov. Trudy VNIIRMASH no.3:101-170 '59.

Automatic control of a lower capacity assembly for making pressed dough from wheat flour. V. A. Chlenov. Khleb. i kond. prom. 3 no.12:3 6 D '59.

Automatic control of heating furnaces in continuous thin sheet mills. M. D. Klimovitskii, A. I. Pratunevich. Metallurg 5 no.2:29-31 F '60.

Automatic control of oil fields. Neft. khoz. 37 no.12: 49-55 D '59.

Automatic control of technological processes. Khim. volok. no.6:1-2 '59.

Automatic control of the operation of a cement concrete plant. O. S. Morozovskii. Mekh. i avtom. proizv. 14 no.1:16-20 Ja '60.

Automatic control of voltage at traction substations of electric railroads. N. A. Nechaev, I. IA. Ryabkovskii. Trudy DIIT no.30:27-41 '59.

Automatic control of wet grinding of raw materials. B. Kozenko and others. Tsement 26 no.1:5-10 Ja-F '60.

Automatic control reduces fire hazards. P. Antilov. [illegible] 6 no.1:1 Ja '60.

Automatic doffing on spinning machines. A. A. Dylevskii. Tekst. prom. 20 no.1:65-68 Ja '60.

Automatic excitation regulator of synchronous generators with a [illegible]. N. A. Nechaev. Trudy DIIT no.30:158-160 '59.

Automatic grain elevator. I. P. Lakhtionov. Muk.-elev. prom. 25 no.2:44-47 F '60.

Automatic interplanetary station. I. Kopeliovich. Izobr. tekh. 4 no.1:34-36 Ja '60.

Automatic pumping of water from a closed tank. N. A. Ark[illegible]. [illegible] 45 no.4:[illegible] '60.

Automatic rolling mills. A. Filatov. NTO 2 no.2:77-78 F '60.

Automatic skip filling mechanism. A. I. Lavesh. Ugol' 35 no.1:31 Ja '60.

Automatic traffic control in municipal electric transportation systems. Zhil.-kom. khoz. 10 no.2:11 '60.

Automatic traffic light. G. Zhuitskii. Tekh. mol. 28 no.1:11 '60.

Automation and mechanization of classification operations at the principal railroad stations. Zhel. dor. transp. 42 no.2:85-89 F '60.

Automation of auxiliary operations in machinery plants of the United States. A. A. Tedrasov. Mekh. i avtom. proizv. 14 no.1:59-61 Ja '60.

Automatization of skip loading in the [illegible] "Nis Carla'bad," Mine of the Leninugol' Trust. I. I. Kovalev. Ugol' 35 no.1:19-20 Ja '60.

Automatization of the primary adjustment in machining on lathes. D. S. Shaskol'skii, IU. G. Savkin. Trudy MATI no.40:5-28 '59.

Automation of the 5-524 type gear shaving machine. M. [illegible] no.11:12-18 '59.

Automation of the statistical processing of observations. S. S. Postanova. Izm. tekh. no.1:18-20 Ja '60.

Automation of welding operations at the Rostov Agricultural Machinery Plant. N. I. Korbatov, V. D. Anofriev. Mashinostroitel' no.2:10-11 F '60.

Basic directions in the over-all mechanization and automatization of industrial processes in the coal mining industry of the Leningrad Economic Region. A. A. Kozlov[illegible] Ugol' 35 no.1:1-11 Ja '60.

Codified typewriting and problems in the automation of typesetting. D. I. Panyukov. Poligr. proizv. no.1:12-14 Ja '60.

Compatible a.c. autocompensator. I. IA. Mintuk, V. L. Gol'dgeller. Elektrichestvo no.1:80-85 Ja '60.

Conference on the mechanization and automatization of work in hydrotechnical installations. Gidrotekh. i melior. prom. 11 no.1:24-29 '60.

Contact systems of automatic control. IU. M. Pialin. [Trudy] MVTU no.97:105-149 '59.

AUTOMATIC CONTROL (Continued)

Continuing to promote the automation of production processes V Bushs NTO 2 no 1 64 Ja '60

Design of second order optimum automatic control systems using limited gains of the control circuit elements [with summary in English]. S.V.Emel'ianov, A.I.Fedotova. Avtom.i telem. 21 no.1.56-63 Ja '60.

Determination of second order moments of various coordinates of automatic control systems by the use of analog computers [with summary in English]. L.A.Tel'ksnis. Avtom.i telem. 21 no.2·220-223 F '60

Development of ideas on invariance and of the theory of combined systems of automatic control and guidance. G.M.Ulanov. [Trudy] MVTU no.97:5-14 '59.

Device for the automatic control of thread stitchers A.Sh Sumetskii Sbor.trud.NIIPOLIGRAFMASH no.5 167-189 '59

Dobkin, V.M., E.M.Duleev, and E.P.Fel'dman. [Automatic regulation of heat processes at electric power stations] Avtomaticheskoe regulirovanie teplovykh protsessov na elektrostantsiiakh. Moskva, Gos.energ. izd-vo, 1959. 399 p.

Electrets and their use in automatic control. V.A. Andriushchenko. Avtom.i telem. 21 no.1 139-142 Ja '60.

Electric signaling device for control of rotation. E.G. Zel'kin. Prom.energ. 15 no 2 23-24 F '60.

Equipment for the automatic control of the magnetic separation process. B.M.Arshinskii. Izv.vys.ucheb. zav., gor.zhur. no.4 100-105 '59.

Equipment, organization, and field of research of the automatic and remote control laboratory for mining engineering in the Department of Electricity in Mining at the Leningrad Mining Institute S.A Alatortsev, G.I.Pokrovtsev Izv.vys ucheb.zav., gor.zhur. no.4 139-146 '59

Experimental automatization of the exchange of mine cars on the surface of No. 1 "XIX Parts"ezd" Mine of the Leninugol' Trust. S.I.Vaisburd. Ugol' 35 no.1: 16-18 Ja '60

Fifteenth all-Union scientific technological conference on the over all mechanization and automatization of founding. Lit.proizv. no.2 1 F '60.

Finite automats. Part 1 [with summary in English]. M.A.Aizerman and others. Avtom.i telem. 21 no.2 224-236 F '60.

Flexible couplings used in actuating mechanisms of automatic control systems. V.F.Mischin. Priborostroenie no.2 15-16 F '60

For a complete mechanization and automatization. B.G. Luchin. Masl.-zhir.prom. 26 no.2·3-7 F '60.

Frequency method for designing transient processes in dynamic systems during arbitrary perturbation process. A.A.Kardashov. Izv.vys.ucheb.zav., elektromekh. 3 no.1:61-72 '60.

Further by all means the automatization of coal mining M.T.Matveev. Ugol' Ukr. 4 no 1 47 Ja '60

Gribov, M.L., and A.N.Sokolov. [Mechanization and automatization of steel smelting] Mekhanizatsiia i avtomatizatsiia v staleplavil'nom proizvodstve. [Leningrad] Lenizdat, 1959 126 p.

Grigor'ev, V.N. [Mechanized and automatized ring and compartment furnaces for rapid heating] Mekhanizirovannye i avtomatizirovannye kol'tsevye i sektsionnye pechi skorostnogo nagreva. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 100 p.

[Guide for an inspector of automatic equipment] Rukovodstvo osmotrshchiku-avtomatchiku. Izd.5., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 171 p.

Improving certain units of automatic control and regulation of blast furnaces. N.S.Skorik. Metallurg 5 no.2: 9-12 F '60.

Inadmissible lag. A.Khrapylin. Pozh.delo 6 no.2:23 F '60.

Introduce more widely mechanization and automatic control of municipal services. I.T.Ivanov. Gor.khoz. Mosk. 34 no.1.9-10 Ja '60.

Investigation of automatic course control by means of a model. N.I.Ashbel'. Izv.vys.ucheb.zav.; radiofiz. 2 no.5:787-794 '59.

Jointing machine with a vacuum clamp and automatic feeding. V.F.Vinogradskii. Der.prom. 8 no.12: 13-14 D '59.

Letter to the editor. E.N.Rozenvasser, V.A.Pliss. *Avtom.i telem. 21 no.1·144 Ja '60.*

Linking mechanisms for program control. M.M.Kuznetsov. [Trudy] MVTU no.2:148-154 '59.

Load regulator for the automatic control circuit for a mine hoist with an asynchronous drive. O.G.Keivalishvili. Soob.AN Gruz.SSR 23 no.4:451-455 O '59

Mechanization and automatic control in the wood chemistry industry B N IAsinskii Gidroliz i lesokhim. prom. 13 no 1 3-4 '60

Mechanization and automation of operations at the Lyublino car repair shops. A.N.Zakharov, B G.Pogorelyi Zhel dor.transp. 42 no.2 70-73 F '60.

Method for investigating the accuracy of essentially nonlinear automatic control systems by means of an equivalent transfer function [with summary in English]. K.A.Pupkov. Avtom.i telem. 21 no.2:191-200 F '60.

New devices and schemes of automatic control for small capacity boilers. N.M.Kokuroshnikov. Izv.vys.ucheb. zav.; energ. 2 no.12·90-98 D '59.

One case of finding the minimum of quadratic quality evaluation integral in automatic control systems V F IArominek Izv vys ucheb.zav ,elektro-mekh 2 no 12·36-48 '59

Optimum acceleration of a diesel locomotive. V.D. Pyshkalo. Sbor LIIZHT no 167·131-142 '59

Over-all mechanization and automatization of operations in the factory no 2 "Proletarskaya pobeda" I.I Shal'nov. Kozh.-obuv.prom 2 no.2·8-9 F '60.

Pickup with a photoelectric device for proportional-integral control B S.Nanaziashvili and others. Izv.vys. ucheb zav., elektromekh 3 no 1 139-142 '60

Plotting Liapunov function for a class of nonlinear systems. E.N.Rozenvasser. Izv.AN SSSR.Otd tekh. nauk.Mekh.i mashinostr. no.2 7-16 Mr-Ap '60.

Properties of a simple extrapolator with a "key" [with summary in English]. L Prouza. Avtom.i telem 21 no.1 137-138 Ja '60.

Pushbutton cornucopia. Amerika no.41·40-43,55 '60.

Reduction of equations for nonlinear control systems to their simplest form [with summary in English]. E.N Rozenvasser. Avtom.i telem. 21 no.1·15-19 Ja '60.

Relationship between transient functions of linear systems and their Laplace representation [with summary in English]. N.S.Kochanov. Avtom.i telem. 21 no.1·20-28 Ja '60.

Scientific and engineering problems on automatic electric driving in the present seven-year plan. M.G. Chilikin, I.I.Petrov. Avtom.i telem. 21 no.2;161-166 F '60.

Selecting parameters for stable linear controllable systems. A.K.Bedel'baev, A S.Khodzhanov. Izv.AN Kazakh.SSR.Ser.mat.i mekh. no.8 104-113 '59.

Self-adaptive systems. L.S.Shramko. [Trudy] MVTU no.97;15-22 '59.

Self-aligning system for automatic control of welding machines for electric conduits. A.B.Cheliustkin, V A Ivanov. Elektrichestvo no 2:13-18 F '60.

Self-correcting electric depth indicator for mine hoists B.D Kudin, N.I.Belous. Ugol' Ukr 4 no.1 28-29 Ja '60.

Seminar on engineering application of mathematical logic (1958-1959). V.P.Goncharov. Avtom.i telem. 21 no.1· 145-148 Ja '60.

Smol'nikov, L.P. [Automatic control of technological processes in metallurgical plants] Elektroavtomatika tekhnologicheskikh protsessov v metallurgicheskikh tsekhakh. Sverdlovsk, Gos nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 207 p.

Solodovnikov, V.V., and A.S.Uskov. [Statistical analysis of control systems, statistical methods for determination of dynamic characteristics of automatic control systems during normal operation] Statisticheskii analiz ob"ektov regulirovaniia, statisticheskie metody opredeleniia dinamicheskikh kharakteristik ob"ektov avtomaticheskogo regulirovaniia v protsesse ikh normal'noi ekspluatatsii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 130 p.

Some remarks on IU.S.Sobolev's article "Absolute stability of some control systems." IU.I.Alimov. Avtom. i telem. 21 no.1 143-144 Ja '60.

Special features in the use of *photoresistances* in circuits for automatic control of rolling mill mechanisms. V.M Beliavskii. Prom.energ. 15 no.2·24-27 F '60.

Stability of automatic regulation systems with one regulating magnitude and having several positions of equilibrium. A.N.Lebedev. Izv.vys.ucheb.zav.; elektromekh. 3 no 1:43-47 '60.

Stability of automatic speed control systems for mine hoisting machinery. N A Lobov Izv.vys.ucheb zav., mashinostr. no.6:24-34 '59.

Standardization of control instruments for diesel and electric locomotives. M A.Petrov. Zhel.dor.transp. 42 no 2 21 F '60.

Statistical method of determining the dynamic characteristics of industrial objects in the presence of noises and the analysis of random processes at ultralow frequencies [with summary in English]. IU.P.Leonov, L.N.Lipatov. Avtom.i telem. 21 no.2;180-190 F '60.

Statistical theory of *gradient systems* of automatic optimization with the object having a square characteristic [with summary in English]. A.A.Fel'dbaum. Avtom. i telem. 21 no.2·167-179 F '60.

Strumpe, P.I., and others. [Over-all mechanization *and automatization* in the merchant marine] Kompleksnaia mekhanizatsiia i avtomatizatsiia na morskom transporte. Pod obshchei red. P.I.Strumpe. Moskva, Izd-vo "Morskoi transport," 1959. 95 p.

Synthesis of a control *system with* monotonously decreasing amplification by means of the root-locus method [with summary in English]. IA.I.Rubinovich. Avtom. i telem. 21 no.1:49-55 Ja '60.

Synthesis of coupled control and servo systems in the presence of stationary random *processes*. E.I. Baranchuk. Izv.vys.ucheb.zav., radiofiz. 2 no.5: 802-813 '59.

System of automatically controlling the capacity of coal mining machines with a *detached feed* drive. N.G. Popovich. Izv.vys.ucheb.zav., gor.zhur. no.4;96-99 '59.

Tasks in the over-all mechanization and automatization of glass production processes V.G Gutop. Stek.i ker. 17 no 1 4-7 Ja '60

Using electronic relays for the automatic control of t hoisting equipment in the slowing-down process A. Vinogradov Izv.vys ucheb.zav., gor zhur. no 6 '59

Using industrial methods in assembling automatic c and regulation systems. P A.Minaev, F.A.Truth Nov.tekh.mont.i spets.rab.v stroi. 22 no.1 4-7 J '60.

Using series A 3100 automatic machines for the prote of motors of auxiliary power station equipment. A. Lisitsyn. Elek.sta. 31 no.1:85-86 Ja '60.

Using small presses in the automation of productio processes. A.A.Evdak, Stan.i instr 31 no 1 23 Ja '60.

Valve reversal on open-hearth furnaces with use of a intergrating time relay [with summary in English]. IA.S.Pinus. Stal' 20 no.1:39-41 Ja '60.

Yesterday...today...tomorrow... I.Vladimirov, Znan.-sila 35 no.2:16-17 F '60.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC DIGITAL COMPUTERS see Electronic digital computers

AUTOMATIC SPRINKLERS see Fire sprinklers

AUTOMATIC TELEPHONE see Telephone, Autom

AUTOMATION

(see also subdivision under Kazakhstan, Slavsk District, Vladimir)

Arrangement of automatic machine-tool lines V N Skrynnik Mekh i avtom proizv 14 no 1 9-13 Ja '60

Auerkhan, IAn. [Automation and society] Avtomatizatsiia i obshchestvo. Moskva, Izd-vo sotsial'no-ek lit-ry, 1960. 168 p.

Automatic line for milling and boring. G.A.Bush Mekh.i avtom.proizv. 14 no.2 9-13 F '60.

Automatic line of broaching machines. A.B.Gerl vich. Mekh.i avtom.proizv. 14 no.2,5-9 F '60

Automation and mechanization of technological process at the enterprises of the building materials industry in Moscow S.IA.Kozlov, A M Shapiro. Stroi mat 6 no.1:10-13 Ja '60.

Automation of lumber loading point. D.K.Voevod Mekh.i avtom.proizv. 14 no.2:28-33 F '60

Automation of stone-crushing plants. A.V.Gor'k, IU.I.Chiek. Mekh.stroi. 16 no.11 10-14 N '59

Basic factors in increasing labor productivity in the ma chinery industry. D. Pashkevich. Blok.agit.[Tel.] no.22·12-20 Ag '59.

"Calculating production costs where automation is in effect" by K Klimenko, A.Katsenelinboigen by V.Pandakov). Bukhg.uchet 16 no.12:59 61

Expansion of mechanization and automation in prod precast prestressed reinforced concrete constr elements. V.V.Mikhailov. Bet.i zhel.-bet. Ja '60.

From periodicals published in November-December Mekh.i avtom.proizv. 14 no.2 60-62 F '60.

Give unremitting attention to the introduction of new technology P Lapshin. Komm Mold 5 no 2 F '60.

Improve the quality of road and building machinery facture to meet new demands Stroi i dor mash 5 no.1 3-6 Ja '60

In the State Committee on Automation and Machinery Manufacture, attached to the Council of Ministers U.S.S.R. Mekh.i avtom.proizv. 14 no.2 57 F '60

Laboratories for training in mining automation M.Ya lov. Prof.-tekh obr. 17 no 1 21 Ja '60

Make wider use of advanced experience in the autom of production processes. Priborostroenie no 1:1 Ja '60.

Mechanisms and automatic devices used in foundries. L.M.Baryshevskii. Mashinostroitel' no.2:7-9 F '60.

Over-all automation and mechanization of technolog processes in metal machining. IU.V.Kolotil i avtom.proizv. 14 no.2·53-54 F '60.

Over-all automation of ammonia production. V.M. Ordyntsev. Priborostroenie no.2·1-7 F '60.

Over-all mechanization and automation of lumbering Kirov Economic Region G I Shatalin Mekh i av proizv. 14 no 1 28-32 Ja '60

Promote advanced practices in the automation of production. N.F.Semenov. Mekh.i avtom.proizv. 14 59-60 F '60.

Review of "Trend toward automation" by Claude V and William Grossin. T.A.Vvedenskii. Avt.prom no.2:46 F '60.

Rotary production lines. L.N.Koshkin. Nauka i zhizn' no.1:17-24 Ja '60.

Technical development is the base for the building of communism Mekh i avtom proizv 14 no 1 3 '60.

Technological progress in the machinery industry is powerful means for increasing labor productivity. A.Zhdanov. V pom.ekon.obr.kadr. no.8 37-43 '59

This will be achieved in 1960. F.Nabiullin, L.Var E.Gertsik. Nauka i zhizn' 27 no.1:25 Ja '60

Two instead of seventy. D.Ostritskii. Uzbekistan no.10:6 O '59.

AUTOMATION - BIBLIOGRAPHY see Bibliography - Automation

AUTOMOBILE ACCIDENTS see Traffic accidents

AUTOMOBILE DRIVERS
(see also subdivision under [illegible])

[illegible]

Driver's visual perception of road direction. [illegible] E.V. [illegible]

Elementary driving education. [illegible]

Qualification of [illegible]

[illegible]

AUTOMOBILE DRIVERS - HANDBOOKS, MANUALS, ETC.

[illegible] for third-class automobile drivers [illegible] 1960. 310 p.

AUTOMOBILE ENGINE [illegible]

Research on [illegible] 1960 [illegible]

AUTOMOBILE EXHAUST GAS

[illegible]

AUTOMOBILE INDUSTRY
(see also [illegible])

[illegible]

AUTOMOBILE INDUSTRY - [illegible]

AUTOMOBILE INDUSTRY - [illegible]

[illegible]

AUTOMOBILE INDUSTRY WORKERS [illegible]

AUTOMOBILE [illegible]

[illegible]

AUTOMOBILES

[illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

[illegible]

AUTOMOBILES - [illegible] EQUIPMENT

[illegible]

[illegible] 1960. [illegible] p.

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible] AND CARE

AUTOMOBILES - [illegible] MAINTENANCE AND REPAIR

AUTOMOBILES - [illegible] CONTROL [illegible]

AUTOMOBILES - [illegible] EQUIPMENT

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible] AND REPAIR

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES - [illegible]

AUTOMOBILES, DAMAGE

[illegible]

AUTONOMIC DRUGS

Effect of ganglion-blocking agents [illegible] and [illegible] on the development of [illegible] in the [illegible] [with summary in English]. [illegible]

Effect of ganglion-blocking agents on adenosinetriphosphatase activity of the [illegible] cervical ganglion [with summary in English]. [illegible]

Effect of ganglion-blocking agents on the toxicity of [illegible] [with summary in English]. [illegible]

Influence of ganglion-blocking drugs on [illegible]

Results of a clinical study of the new [illegible] ganglion-blocking drug [illegible]. A.D. [illegible]

[illegible] of stimulating and [illegible] drugs [illegible] [with summary in English]. [illegible]

Therapeutic and prophylactic action of prolonged oxygen inhalation combined with narcotics and neuroplegic substances on the course of cerebral anoxia [with summary in English]. [illegible] Pat. fiziol. i eksp. terap. 4 no.1:58-63 Ja-F '60.

Use of a new ganglion blocking preparation pirileten [illegible] in [illegible] practice. N.G. Khuzhashvili, R.V. [illegible]

AUTOPSY

[illegible] for [illegible] skulls [with summary in English]. [illegible] Arkh. pat. 21 no.[illegible] '59.

[illegible] E.I. Metreveli. Arkh. pat. 21 no.[illegible] '59.

AUTORADIOGRAPHY

[illegible] [with summary in English]. [illegible]

AUTOSUGGESTION see Mental suggestion

AVALANCHES

[illegible] '60.

AVARS

[illegible] of Avars [illegible]

AVIATION MEDICINE

[illegible] and [illegible] flying conditions [illegible] Moskva, Izd-vo inostr. lit., 1960. 412 p.

[illegible]

AVICENNA, [illegible]

[illegible]

AVGANI see subdivision under Alatau A [illegible]

AVVAKUMOVKA VALLEY - GEOLOGY, STRATIGRAPHIC

New data on middle Carboniferous and Cretaceous sediments in the Avvakumovka Valley (Sikhote-Alin' Range). A.I. [illegible] Sov. geol. 3 no.11:136-138 N '60.

AVAM see subdivision under Krasnoyarsk Territory

AZALEA
(see also subdivision under Alabakia)

Quality and amount of extracted oil as determined by the stage of plant development and by the time elapsed after the collection of azalea flowers. N.M. [illegible] Masl. zhir. prom. 26 no.2:33-36 F '60.

AZAROV, VSEVOLOD

[illegible] Vsevolod Azarov. [illegible]

AZEOTROPES

Effect of temperature and pressure changes on the composition of ternary heteroazeotropes [with summary in English]. N.A. [illegible] A.G. Morachevskii, A.V. [illegible] Vest. LGU 15 no.10:72-76 '60.

AZERBAIJAN - CULTURE

A history of cultural progress in the Azerbaijani village [illegible] A.D. [illegible]

AZERBAIJAN - ECONOMIC CONDITIONS

[illegible]

AZERBAIJAN—EXCAVATIONS (ARCHAEOLOGY)

Works of the Azerbaijan Expedition in 1957. A. A. Iessen. Krat. soob. IIMK no. 78 99-106 '60.

AZERBAIJAN—LEPTOSPIROSIS

Study of leptospirosis in the Azerbaijanian S. S. R. [in Azerbaijani with Russian summary]. T. A. Tagi-zade. Azerb. med. zhur. no. 2:57-61 F '60.

AZERBAIJAN—MUD VOLCANOES

Mud volcanoes in Azerbaijan, their genesis and association with oil and gas fields [with summary in English]. A. A. IAkubov. Sov. geol. 2 no. 12·52-63 D '59.

AZERBAIJAN—MYCETOMA

Maduramycoses in Azerbaijan. I. M. Ismail-Zade. Azerb. med. zhur. no. 1:40-42 Ja '60.

AZERBAIJAN—OIL FIELD FLOODING

Experimental study of oil flooding from the top downward and from the bottom upward. Z. F. Rzabekov, L. S. Melik-Aslanov, V. T. Avanesov. Azerb. neft. khoz. 38 no. 11·21-25 N '59.

AZERBAIJAN—OIL RESERVOIR ENGINEERING

Calculating the factor of oil recovery from artificially flooded areas and the change in phase relation in an oil pool of the Sub-Kirmaki main sector in the Buzovny-Mashtagi field. B. A. Shapiro. Azerb. neft. khoz. 38 no. 11·25-28 N '59.

AZERBAIJAN—PATHOANATOMICAL SOCIETIES

Minutes of meetings of the Azerbaijan Pathoanatomical Society in 1958. Azerb. med. zhur. no. 2:85-88 F '60.

AZERBAIJAN—PETROLEUM INDUSTRY

The Azerbaijan petroleum industry on the 42nd anniversary of the Great October Socialist Revolution. Azerb. neft. khoz 38 no. 11·1-2 N '59.

AZERBAIJAN—POLITICS AND GOVERNMENT

Azerbaijan. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Azerbaijan S. S. R., seventh session, June 17-18, 1958. Verbatim report] Zasedaniia Verkhovnogo Soveta Azerbaidzhanskoi SSR, chetvertogo sozyva, sed'maia sessiia 17-18 iiunia 1958 g. Stenograficheskii otchet. Baku, 1958. 198 p.

AZERBAIJAN—PRINTING INDUSTRY

Expansion of the printing industry in Azerbaijan. G. I. Kuliev Poligr proizv. no 1:8-9 Ja '60.

AZERBAIJAN—QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

Designing new quarrying machinery. T. B. Melik-Eganova. Stroi mat 6 no. 1·31-32 Ja '60.

AZERBAIJAN—TEA

Biochemical and technological characteristics of Azerbaijan tea A IU Bagirov. Biokhim chain proizv no. 7 74-86 '59

AZERBAIJANI POETRY—COLLECTIONS

[Anthology of Azerbaijani poetry; in three volumes] Antologiia azerbaidzhanskoi poezii; v trekh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.

Vol. 1. 1960. 382 p.
Vol. 2. 1960. 326 p.
Vol. 3. 1960. 278 p.

AZERBAIJANI SONGS see Songs, Azerbaijani

AZO DYES

Effect of steric factors on the properties of dyes containing a biphenyl nucleus. Part 14· Comparative study of the dyeing and affinity for cotton of some azo dyes, viz. derivatives of biphenyl, bibenzyl, trans-stilbene, tolane, and azobenzene. B. M. Krasovitskii, D. G. Pereiaslova, N. I. Titarenko. Ukr. khim. zhur. 26 no. 1:73-77 '60.

Synthesis of some azo dyes for the paint and varnish industry T I. Orlova, G M. Makarovskaia Khim prom no. 7 582-584 O-N '59

AZOTOBACTER

Effect of micro-organisms of the sugar beet rhizosphere on the azotobacter. E H. Kharyntou. Dop. UASHN 3 no. 1:24-27 Ja-F '60.

Formation and consumption of polyphosphates due to the action of an enzyme isolated from Azotobacter vinelandii G. N. Zaitseva, A. N. Belozerskii. Dokl. AN SSSR 132 no. 4:950-953 Je '60.

Multiplication of azotobacter and fixation of nitrogen in the presence of organic fertilizers and other sources of organic metter. V. V. Bernard, E. A. Voronkova. Agrobiologiia no. 1.103-108 Ja-F '60.

Phosphorus compounds of Azotobacter vinelandii during the development of the culture [with summary in English] G. N. Zaitseva, A. N. Belozerskii, L. P. Novozhilova. Biokhimiia 24 no. 6 1054-1065 N-D '59.

AZOV, SEA OF—MARINE FAUNA

Khludova, O. F. [Waves over us] Volny nad nami. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 214 p. (Puteshestviia, prikliucheniia, fantastika)

AZOV, SEA OF—WATER—ANALYSIS

Observations on the oxygen concentrations in the Sea of Azov in 1956, and on the content of biogenous elements in 1955-1956. V. G. Datsko, A. D. Semenov. Gidrokhim. mat. 29·102-117 '59

AZOV REGION—PARASITES

Parasite fauna of principal commercial fishes inhabiting limans in the region of the Sea of Azov. V. P. Kamenev. Trudy sov. Ikht. kom. no. 9 158-162 '59.

AZULENONE

Electroreduction of vetivone on a dropping mercury cathode in media of various pH values. E. V. Zobov, V. A. TSipliakova. Zhur. ob. khim 30 no. 5 1417-1420 My '60.

BCG—CONGRESSES

International symposium on BCG in Warsaw. A. I. Togunova. Zhur. mikrobiol., epid. i immun 31 no. 1: 153-156 Ja '60.

BABA, CORNELIU

Visiting with Corneliu Baba. B. Polevoi. Ogonek 38 no. 6:14-15 F '60.

BABBIT METAL

Calcium loss in bearing BK alloys during repeated melting. K. I. Akimova, IU. A. Otradinskii. Issl. splav. tsvet. met. no. 2:140-144 '60.

BABLIAK, VOLODYMYR SAMIILOVYCH, 1916-

A richly endowed novel ("The cherry orchard"; a novel by V. Babliak. Reviewed by F. Koretskii) Sov. Ukr. 9 no. 8·169-170 Ag '59

BACILLUS SUBTILIS

The main pathway of nitrogen assimilation in Bac. subtilis [with summary in English] Shen Sang-ch'ung, Hun Mung-ming, A. E Braunshtein. Biokhimiia 24 no. 6 957-965 N-D '59.

BACTERIA

(see also subdivision under Kuybyshev Reservoir)

Assimilation of amino acids by alkaligenous bacteria obtained in experimental conditions [with summary in English]. D G. Kudlai, A. G. Skavronskaia. Zhur mikrobiol, epid, i immun 30 no. 12·54-55 D '59.

Discovery of the phenomenon of chemoautotrophy and its further study. V. N. Novikova. Vop. ist. est. i tekh. no. 7 136-141 '59.

Effect of phenols on micro-organisms which destroy crude and vulcanized rubber. A. N. Kost, I. T. Netto, N. V. Pomortseva. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3:213-220 '59.

Elective adsorption as a method for the rapid isolation of saprophytic microbes from mixed suspensions of pathogenic and saprophytic microbes [with summary in English]. A. K. Adamov. Zhur. mikrobiol, epid. i immun 30 no. 12·6-11 D '59.

BACTERIA, CELLULOSE-DECOMPOSING

Distribution of cellulose-decomposing actinomycetes in soils [with summary in English]. Ting Chien. Mikrobiologiia 29 no. 1·104-108 Ja-F '60.

BACTERIA, DENITRIFYING

Transformation of fats by micro-organisms. Report No. 1: Decomposition of fats during the process of denitrification [with summary in English]. V. L. Mekhtieva, G. F. Kondrat'eva, S. B. Malkova. Mikrobiologiia 29 no. 1: 85-89 Ja-F '60.

BACTERIA, ENTERIC see Intestines—Bacteriology

BACTERIA, PATHOGENIC

Effect of living conditions on the resistance of voles to cultures of bacteria which kill mice. S. G. Pegel'man. Trudy VIZR no. 12.151-160 '58.

Use of oats for culturing bacteria used in rat eradication. M. I. Prokhorov, I. D. Rozhanskaia. Trudy VIZR no. 12: 164-167 '58.

BACTERIA, SULFUR

(see also subdivision under Nemirov, Lvov Province; Velikiy Lyuben')

Role of micro-organisms in the genesis and metamorphosis of sulfur deposits [with summary in English] M. V. Ivanov. Zhur. ob. biol. 21 no. 1·3-11 Ja-F '60.

Use of acetic acid as a sole source of carbon by the photosynthesizing bacteria Chromatium vinosum [with summary in English]. V. N. Shaposhnikov, L. K. Osnitskaia, V. I. Chudina. Mikrobiologiia 29 no. 1:14-20 Ja-F '60.

BACTERIOLOGICAL SOCIETIES

Organization activities of the administration and local chapters of the All-Russian Medical Society of Epidemiologists, Microbiologists, and Specialists in Infectious Diseases, 1958-1959. Zhur. mikrobiol. epid. i immun. 30 no. 12:141-144 D '59.

BACTERIOLOGICAL WARFARE

(see also subdivision under Camp Detrick, Md.)

Prohibit biological weapons! A. Imshenetskii. V zashch. mira no. 103:18-23 D '59.

BACTERIOLOGY see subdivision under Kuban River; Psekups River

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

The main pathway of nitrogen assimilation in Bac subtilis [with summary in English]. Shen Sang-ch'ung, Hun Mung-ming, A. E. Braunshtein. Biokhimiia 24 no. 6: 957-965 N-D '59.

Microbiological method for the determination of vitamin B_{12} with the aid of Ochromonas malhamensis cultures [with summary in English] M G Golysheva, M. IU Rabaeva, L. I. Liber Vop med khim 6 no. 1·100-104 Ja-F '60

BACTERIOLOGY—TECHNIQUE

Measurement of the rH_2 in developing bacterial cultures by the use of a cell consisting of platinum and antimony electrodes [with summary in English]. S. G. Smirnov Mikrobiologiia 29 no. 1:142-145 Ja-F '60

BACTERIOLOGY, AGRICULTURAL

December Plenum of the Central Committee of the CPSU and tasks in the field of microbiology. Mikrobiologiia 29 no. 1:3-7 Ja-F '60.

BACTERIOLOGY, MEDICAL

Metal'nikov, M. D. [War with invisible foes] Voina s nevidimymi vragami. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 79 p.

BACTERIOLYSIS

Luminescent detection of the lysis of a bacteria colony by phages [with summary in English]. F. N. Lotina, M. N. Meisel. Zhur. mikrobiol, epid. i immun. 31 no. 1: 11-15 Ja '60.

BACTERIOPHAGE

Comparative study of the reaction of increase in the phage titer and of the bacteriological method in the diagnosis of typhoid fever in patients and convalescents. M. Abdusamatov. Zhur. mikrobiol., epid. i immun 31 no. 1:23-27 Ja '60.

Growth and development of bacteria and their relation to the phenomenon of bacteriophagy Report No 4 Further investigation on nuclear structures of bacteria and their responses to the influence of phages [with summary in English]. A P. Pekhov Biul. eksp biol. i med 48 no. 12 75-79 D '59

Obtaining a specific indicator typhoid phage by the method of intensive passage [with summary in English]. D. M. Gol'dfarb, Z. S. Ostrovskaia. Zhur. mikrobiol., epid. i immun. 31 no. 1:30-34 Ja '60.

Reaction of phage titer increase as a method for the diagnosis of infectious diseases and for the indication of pathogenic bacteria [with summary in English]. V. D. Timakov, D. M. Gol'dfarb. Zhur. mikrobiol., epid. i immun. 31 no. 1.6-10 Ja '60.

Simplified modification of the reaction of increase in the bacteriophage titer [with summary in English]. V. N. Kuznetsova. Zhur. mikrobiol., epid. i immun. 31 no. 1: 27-30 Ja '60.

BACTRIA—GREEKS

"The Indo-Greeks" [in English] by N. K. Narain. Reviewed by V. M. Masson. Vest. drev. ist. no. 4·184-185 '59.

BAGEROVO DISTRICT—LIMESTONE

Deformative properties of shell-rock concretes based on limestone shell rocks form Bagerovo deposits. I. D. Bakhtadze. Trudy Inst. stroi. dela AN Gruz. SSR. 7 181-187 '59.

BAGHDAD—EXHIBITIONS

A. I. Mikoian in Iraq. Sov. Vost. no 5:12-13 My '60

At the Soviet industrial exhibition in Baghdad. V. Vesta. Vnesh. torg. 30 no. 5 13-14 '60.

BAGHDAD—FIRE PREVENTION

Fire prevention in Bagdad. D. Mironov. Pozh. delo 6 no. 2·28-29 F '60.

BAHDANOVICH, MAKSIM ADAMOVICH, 1891-1917

Bahdanovich, Maksim. [A garland of poetic heritage] Vianok; paetychnai spadchyny. Pad. red. Ant. Adamovicha i St. Stankevicha. N'iu Iork, Vyd. "Bats'kaushchyna," 1960. 271 p.

BAIKAL REGION—TAPEWORMS

Results of research on the biology of tapeworms in the Baikal region and role of fishes in their propagation. A. M. Parukhin, V. A. Mironov, R. V. Polosukhin. Trudy sov. Ikht. kom. no. 9:214-216 '59.

BAIKAL REGION—WATER CHESTNUT, FOSSIL

Water chestnut in Tertiary deposits on the southeastern shores of Lake Baikal. L IU Budantsev. Bot. zhur. 45 no. 1 139-144 Ja '60.

BAIL

Our opinion. A. Kuznetsov. Sov. iust. no. 1:49-50 Ja '60.

Review of letters to the editor. Sots. zakon 31 no 3: 51-54 Mr '60.

So that they may find the true path. V. Pleshavenko. Kom. Bel. 31 no. 2·67-71 F '60.

Should we bail lawbreakers and could we trust them? IA. Gurvich. Otv. na vop. trud. no. 108:35-41 '59

BAKANOV, MIKHAIL IVANOVICH, 1909-

Anniversary of Professor M. I. Bakanov Bukhg uchet 17 no. 3 79 Mr '60.

BAKED PRODUCTS see subdivision under Bashkiria

BAKELITE

Bakelite facing [illegible] for [illegible] Arkhit. [illegible] no.2 [illegible]

BAKERS AND BAKERIES

(see also subdivision under Maikop [illegible], Moscow, Omsk)

Achieving cooperation between bakeries and flour mills located in adjacent areas. K. P. [illegible] Khleb. [illegible] prom. [illegible] no.1 [illegible] Ja '60.

Advice and consultations. Khleb. [illegible] prom. [illegible] no.1 17 44 Ja '60.

Glazunov, A.G. [Controlling [illegible] in the baking industry by means of the [illegible] Kontrol' [illegible] [illegible] 30 p. [illegible]

Increase the labor productivity of [illegible] workers. N. N. Khudobin. Khleb. [illegible] prom. [illegible] no.2 26 27 [illegible] '60.

Mechanization of bread baking [illegible] effective [illegible] Morev. Khleb. [illegible] prom. [illegible]

Work experience of [illegible] Khleb. [illegible] prom. [illegible]

BAKERS AND BAKERIES - EQUIPMENT AND SUPPLIES

(see also subdivision under [illegible] grad; Lugansk, Maikop [illegible], Moscow, [illegible] Province, Sweden)

Automatic control of a [illegible] pumped dough from [illegible] Khleb. prom. [illegible]

Controlling steam conditions of bread [illegible] A. G. [illegible] 4 no. 1 19 10 Ja '60.

Defect of the [illegible] Khleb. [illegible] prom. [illegible] no. 12 31 [illegible]

Experience with Khleb [illegible] Khleb. [illegible] prom. [illegible] no. 11 [illegible]

Organizing baking [illegible] electric [illegible] no.3 [illegible]

Improvement of the [illegible] Khleb. [illegible] prom. [illegible] no. 12 21 [illegible]

The [illegible] dough [illegible] M. N. [illegible] '60

Only 20 automatic stations for the [illegible] Kapitanopulo. Khleb. [illegible] prom. [illegible]

Unit for [illegible] '60

Wire mesh conveyer belts for [illegible] Khleb. [illegible]

BAKERS AND BAKERIES - LABOR PRODUCTIVITY

Methods of calculating [illegible] productivity [illegible] 4 no. 2 24 30 [illegible]

BAKHCHISARAY [illegible]

Archaeological excavations [illegible] site in 1957. D. A. [illegible] 21 '60.

BAKIKHANOV, ABBAS KULI, [illegible]

Akademiia nauk Azerbaidzhanskoi [illegible] [Contemporaries, [illegible] Bakikhanov. [illegible] 1953. [illegible]

BAKING

Manual of [illegible] Chobate. [illegible]

BAKONGO (AFRICAN TRIBE)

The Bakongo [illegible] (Obshchestv. [illegible])

BAKU - LAWYERS

A [illegible]

BAKU - PETROLEUM INDUSTRY - FIRES AND FIRE PREVENTION

Automatic [illegible] Pozh. delo [illegible]

BALANCE OF PAYMENTS

Boltrider, A. IA. [illegible] lations of the U. S. S. R. [illegible] currency [illegible] Ocherki [illegible] po kursu "Denezhnoe [illegible] red. I. L. Levita, Moskva, [illegible] izd, 1959. 63 p.

BALANCHINE, GEORGE

George Balanchine [illegible] Amerika no. 41 [illegible]

BALANCING OF MACHINERY

Converting the [illegible] Company for [illegible]

Design and structure of the shaft of the balancing mechanism. V. K. Kagan. Mashinostroitel'. mash. no.7 122-120 '59.

The [illegible] for [illegible] balancing of parts. [illegible] Tekh. [illegible] inform. [illegible]

BALANDIN, ALEKSEI ALEKSANDROVICH, 1898-

A. A. Balandin's work in the field of heterogeneous catalysis. A. A. Tolstopiatova. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3 199 109 '60.

BALASHOV DISTRICT - FARM MECHANIZATION

We can solve this problem. M. D. [illegible] S. P. mekh. [illegible] 30 '60

BALKAN PENINSULA - FOREIGN RELATIONS - FRANCE

Review of French policy in the Balkan Peninsula ("French [illegible] the First World War" by [illegible] V. L. Markovich) [illegible]

BALKASHINO

[illegible] of the [illegible] of the Balkashino [illegible]

BALKHASH REGION - GEOLOGY, STRUCTURAL

Position of [illegible] zones of the eastern Balkhash area. V. [illegible] V. [illegible] AN Kaz. SSR [illegible]

BALL BEARINGS

Belen'kii, M. I. A. [illegible] and I. IA. Alexandrov, [illegible] Proizvodstvo sharikovykh [illegible] Moskva [illegible] nauchno-tekhn. izd [illegible] 1960. 207 p.

[illegible] with [illegible] with [illegible] Shipulin [illegible] 19 [illegible] '60

BALL BEARINGS - TESTING

[illegible] of testing [illegible] Avtom. [illegible]

BALLAST (RAILROADS)

(see also [illegible] Ural District)

On [illegible] of ballast [illegible] V. I. Malakhov. [illegible] 22 [illegible] '60.

BALLAST (RAILROADS) - MAINTENANCE AND REPAIR

[illegible] Ballast cleaners, A. V. [illegible] Mr '60

BALLET

(see also subdivision under Moscow [illegible])

[illegible] Moscow Philharmonic [illegible] 24 [illegible] '59.

BALLET - [illegible] see subdivision under [illegible]

BALLET DANCERS [illegible]

[illegible] Khalatova [illegible]

BALLET - [illegible]

[illegible] [illegible] English]

BALLOONS

[illegible] for [illegible] purposes by the use [illegible] no.5 [illegible] '59

BALMACEDA, JOSE MANUEL, [illegible]

[illegible] [in Spanish] [illegible] Reviewed by V. V. [illegible]

BALTIC SEA

[illegible] of the Baltic Sea during the International Geophysical Year. [illegible] V. Prosh [illegible] no.40 115 118 '59

BALTIC SEA - PARASITES

Parasites of [illegible] in the eastern part of the Baltic Sea. [illegible] no.2 184 187 '59

BALTIC SEA REGION - BIRDS - MIGRATION

Activities of the Baltic Commission for the Study of Bird Migration. E. V. Kumari. Zool. zhur. 39 no.1 158 160 Ja '60.

BALUDINA, FAINA [illegible]

[illegible] A. [illegible] Med. sestra [illegible]

BALZAC, HONORE DE, 1799-1850

New French works on Balzac ("Balzac and his world" [in French] by F. Marceau. Reviewed by [illegible], Vop. [illegible] Ja '60.

BANDA, HASTINGS, 1898-

Dr. Hastings Banda. Nove. Vost. no.5:50 My '60.

BANDAGES AND BANDAGING

Treatment of microtraumas. G. M. Prikhod'ko. Fel'd. i akush. 25 no.2:51 53 F '60.

BANDS (MUSIC) see subdivision under Moscow

BANKS AND BANKING

(see also subdivision under Czechoslovakia, Egypt, Mordovia; Voronezh Province)

Brief information on the foreign exchange and banks of foreign countries. Den. i kred. 18 no.5:90 91 My '60

Current tasks of the State Bank. A. Korovushkin. Den. i kred. 18 no.5 3 13 My '60.

In the Board of Directors of the State Bank of the U.S.S.R. Den. i kred. 18 no.5:91 95 My '60.

Preparing for the transition to a seven hour workday. A. Safonov and others. Den. i kred. 18 no.5:84 89 My '60.

Use the local press in the struggle for the mobilization of internal resources. Den. i kred. 18 no.5.70-80 My '60.

Using credit as a means of accelerating the building of communism. A. Korovushkin. Kommunist 37 no.8 [illegible] Je '60.

BANKS AND BANKING - ACCOUNTING

(see also subdivision under Irkutsk)

Nazarkin, S. I. [Accounting and operational techniques in the State Bank] Uchet i operatsionnaia tekhnika v Gosbanke. Izd. 2., perer. i dop. Moskva, Gosfinizdat, 1961. 321 p.

(CU)

BANKS AND BANKING - AUDITING AND INSPECTION see subdivision under Poland

BANKS AND BANKING - CONGRESSES

Conference of Republic State Bank office managers. Den. i kred. 18 no.5 70 [illegible] My '60.

BANKS AND BANKING - PERIODICALS

Conference of readers of "Den'gi i kredit." Den. i kred. 18 no.5 88 [illegible] My '60.

BANTU LANGUAGE see subdivision under Congo, Belgian

BAPTISTS

(see also subdivision under Semipalatinsk)

[illegible] Nauka i relig. no.2:[illegible] '59.

Pavlov, V. G. [In the struggle for my religious beliefs; reminiscences of a political deportee] Za viru; spomyny zaslantsia. Toronto, Nakladom Knyhyspilky [illegible] "Doroha pravdy," 1960. 30 p. (Vydavnytstvo "Doroha pravdy," no. 9)

[illegible] of Evangelic Christians (Baptists). D. Sidorov. [illegible] no.10 [illegible] '59.

BAR ASSOCIATIONS

What regulations on the legal profession should we enact. [illegible] no. [illegible] Ja '60.

BARANOV, VASILII GAVRILOVICH, 1899

Vasilii Gavrilovich Baranov. Probl. endok. i gorm. 5 no.6 114 115 N D '59.

BARBERS see subdivision under White Russia

BARBITAL

Effect of [illegible] and veronal on the adrenalin and [illegible] level in the brain of rats [with summary in English] [illegible] 23 no.5 [illegible] '60

BARDIN, IVAN PAVLOVICH, 1883-1960

Ivan Pavlovich Bardin. Zav. lab. 26 no.1 [illegible] '60.

Ivan Pavlovich Bardin. An obituary. Metallurg 5 no.1 [illegible] Ja '60

Ivan Pavlovich Bardin. An obituary. Stal' 20 no.1 [illegible] Ja '60.

BARENTS SEA - NATURAL RESOURCES

Rich resources of the Barents Sea. V. Tereshchenko. Nauka i zhizn' [illegible] no.2:36 [illegible] F '59

BARENTS SEA - OCEAN CURRENTS

Causes of water temperature variations of the North Cape Current. A. S. Denisov. Probl. Arkt. no.6:19-26 '59.

BARENTS SEA - TEMPERATURE

Causes of water temperature variations of the North Cape Current. A. S. Denisov. Probl. Arkt. no.6:19 26 '59

BARENTS SEA - TIDES

Tidal currents in the Barents Sea. L. A. Sgibneva. Trudy GOIN no.46:65-72 '59.

BARGES

A 1,000 ton capacity barge with hydromechanical unloading of sand. V. V. Furdov. Biul. tekh. ekon. inform. no.1 [illegible] '60.

BARIUM SULFATE

Production of caustic soda and blanc fixe from barite and mirabilite. V M. Kakabadze, T.A.Ivanova. Soob.AN Gruz.SSR 23 no 4 401-408 O '59.

BARIUM TITANATE CRYSTALS

Depolarization discharge in barium titanate and its relation to the piezo effect F.I Kolomoitsev, I A. Izhak Fiz tver tela 1 no 12·1791-1793 D '59

Effect of pressure on the piezoelectric properties of barium titanate. B A Rotenberg Fiz. tver. tela 1 no. 12:1777-1781 D '59

BARK INSCRIPTIONS see subdivision under Novgorod; Vitebsk

BARLEY
(see also subdivision under Ukraine)

Correlation between the biochemical indices of malt and the weight ratio of germ to endosperm in a barley grain. V.A.Zenchenko. Trudy VNIIPP no.7:25-35 '59

Obtaining consistantly high barley yields. M.B.Kriuchkov. Zemledelie 8 no.2.69-70 F '60.

Stage development in winter barley. A.IA.Trofimovskaia, L.T.Poptsova. Agrobiologiia no.1 53-56 Ja-F '60.

Use of running water after the wetting of barley in the course of brewing. N.V.Novotel'nov, I.S.Ezhov. Izv. vys.ucheb.zav., pishch.tekh. no.6·37-44 '59

BARLEY BREEDING see subdivision under Ukraine

BAROMETER

Defects of mercury barometers. V.E.Petrov. Meteor.i gidrol. no.5 43-45 My '60.

BARRELS

"Manufacture of barrel containers for the food industry" by A L.Rudnitskii. Reviewed by N.M Chel'tsov. Kons i ov. prom 15 no 2 44-45 F '60

BARSUKOV, MIKHAIL IVANOVICH, 1890-

Mikhail Ivanovich Barsukov; on his 70th birthday. A.K. Ovchinnikova. Sov.zdrav. 19 no.2,97-98 '60.

BARYATINO DISTRICT—FLAXSEED

Obtaining 66 tons of flaxseed from 120 hectares N.Grachev Sel' mekh. no 1:10 '60.

BASE-EXCHANGE see Ion exchange

BASE-EXCHANGING COMPOUNDS

Theory of regeneration of cationite filters. V.P.Meleshko, A.A.Mazo. Trudy VGU 57:61-70 '59.

BASEMENTS

Basement apartments in apartment houses. Biul.stroi. tekh. 17 no.3;35 Mr '60.

BASES (CHEMISTRY)

Reactions between unsaturated nitro compounds and organic bases. A.V.Topchiev, E.L.Fantalova. Dokl. AN SSSR 132 no.3;628-631 My '60.

BASHKIRIA—AGRICULTURAL MACHINERY

Ways to use machinery in collective farm production more efficiently. M.I Takumbetov. Trudy BFAN SSSR. Ser. ekon. no.1, pts. 1 and 2;96-121 '59.

BASHKIRIA—AGRICULTURE—COSTS

Role of technological progress in reducing costs of agricultural products. M.I.Takumbetov. Trudy BFAN SSSR. Ser. ekon. no.1, pts. 1 and 2.78-95 '59.

BASHKIRIA—BAKED PRODUCTS

New kinds of baked products. B.M.Eksler, L.S.Kenskaia. Khleb.i kond.prom. 3 no.12;29-30 D '59.

BASHKIRIA—COAL

Problem of the use of Bashkiria coal for power engineering purposes. N.F.Rysakov, G.K.Rubtsov. Izv.vys.ucheb. zav.; energ. 2 no.12;77-84 D '59.

BASHKIRIA—COLLECTIVE FARMS

Commodity output of collective farm production. G.Z. Khamidullin. Trudy BFAN SSSR. Ser. ekon. no.1, pts. 1 and 2;43-77 '59.

Khamidullin, G.Z., ed. [Growth of commodity output and monetary income on collective farms in Bashkiria] Rost tovarnoi produktsii i denezhnykh dokhodov v kolkhozakh [Bashkirskoi ASSR]. Ufa, Bashkirskoe knizhnoe izd-vo, 1958. 184 p.
(MH)

BASHKIRIA—ELECTRIC POWER PLANTS

Erection of large electric power stations in Bashkiria. M.S.Reziapov. Elek.sta. 31 no.2;33-34 F '60.

BASHKIRIA—IRON AGE

Anan'ino period vessel for metal smelting. L.IA. Krizhevskaia. Krat.soob.IIMK no.77;109-111 '59.

BASHKIRIA—OIL WELL DRILLING

Overcomming seasonal factors in drilling. V.F.Shmatov. Trudy BFAN SSSR. Ser. ekon. no.1, pts. 1 and 2:16-27 '59.

BASHKIRIA—OIL WELLS—EQUIPMENT AND SUPPLIES

Amortization of drilling equipment. E.M.Shteingauz. Trudy BFAN SSSR. Ser. ekon. no.1, pts. 1 and 2;28-34 '59.

BASHKIRIA—PALEOBOTANY, STRATIGRAPHIC

Tertiary plants from brown coal deposits of Bashkiria. T D Kolesnikova Bot zhur 45 no 1 117-123 Ja '60

BASHKIRIA—PENSIONS

In a Kineshma way, together with the people. A. Nazarov Sots obesp 21 no 1 12-16 Ja '60

BASHKIRIA—PETROLEUM INDUSTRY

The petroleum industry of Bashkiria during the years of Soviet government. D Sh Davletbaev Trudy BFAN SSSR. Ser. ekon no.1, pts 1 and 2·3-15 '59

BASHKIRIA—POPLAR

Types of black poplar in Bashkiria. Li Ch'ien-wei Les khoz 12 no 1 15-18 Ja '60

BASHKIRIA—SANDSTONE—PERMEABILITY

Oil recovery from samples of Devonian sandstones and the lower Carboniferous coal-bearing series of Bashkiria in water flood operations. V.M.Berezin. Trudy VNII no.24.79-102 '59.

BASHKIRIA—SAUSAGES

How we use liver in production. M.Mustafina. Mias.ind. SSSR 31 no.1:52 '60.

BASHTANKA DISTRICT—FARM BUILDING

Loose housing of cattle is considerably reducing the over-all expenditures. Sil'.bud 10 no 2 7-8 F '60.

BASKETBALL
(see also subdivision under Chile)

Kudriashov, V.A., and V.I.Rudokas. [Basketball in school; text for teachers] Basketbol v shkole; uchebnoe posobie dlia uchitelei shkol. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR, Leningr. otd-nie, 1960. 151 p.

BATALOV, ALEKSEI

Aleksei Batalov. G.Kremlev. Sov.Soiuz no.11·24 '58.

BATETSKIY DISTRICT—LOCAL GOVERNMENT

In an "average" rural soviet. V.Antonov. Sov.deput. trud. no.1:66-71 Ja '60.

BATHOMETER

Automatic bathometer-thermobathygraph. I.M.Shenderovich. L.S.Kleban. Trudy NIIGMP no.7 116-121 '59.

Bathometer with a pneumatic valve. P.A.Kriukov, D.I. Semenov. Gidrokhim.mat. 29,289-291 '59.

BATHS, COLD

Bathing in snow. V.Krechetova. IUn.tekh. 4 no.1:70 Ja '60.

BATHS, MEDIEVAL see subdivision under Armenia

BATHS, MOOR AND MUD
(see also subdivision under Dzhebel, Shortandy District, Akmolinsk Province)

Biophysical properties of human skin. Changes in skin elasticity and lymph circulation following mud treatments and baths. V.V.Efimov, N.M.Ol'shanskaia. Vop.kur., fizioter.i lech.fiz.kul't. 25 no.1·57-62 '60.

Influence of some methods of physical therapy and hydrotherapy on the secretory function of the stomach in peptic ulcer patients. M.P.Vinogradova. Vop.kur., fizioter.i lech.fiz.kul't. 25 no.1,7-13 '60.

BATHYSCAPHE

The "ships" of Piccard. Znan.ta pratsia no.2:24 F '60.

BATHYTHERMOGRAPH

Automatic bathometer-thermobathygraph. I.M.Shenderovich, L.S.Kleban. Trudy NIIGMP no.7:116-121 '59.

Improved bathythermograph. I.M.Shenderovich, A.F. Plakhotnik. Trudy NIIGMP no.7·122-131 '59.

BATUMI—BOTANICAL GARDENS

Green Cape. A.Morgulis. IUn.nat. no.3:32-34 Mr '60.

BATUMI REGION—FOEHN

Foehns of Batumi. G.B.Mashkova. Trudy MGI 16·74-88 '59.

BAUDOIN DE COURTENAY, IAN IGNACY NIECISAW, 1845-1929

Baudoin de Courtenay and the Ukrainian language. P.D. Tymoshenko. Ukr.mova v shkoli 10 no.1:30-35 Ja-F '60.

BAUXITE

Use of bauxite as an adsorbent for increasing the photographic activity of gelatin. N V.Kirsanov, P.N.Zalezniak. Zhur.prikl.khim. 33 no 1:62-64 Ja '60.

BAYDAR VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations of the Fat'ma-Koba cliff in 1956 S N.Bibikov Krat.soob Inst arkheol AN URSR no.8 114-121 '59

BAYDAR VALLEY—PALEONTOLOGY

Fauna from the Fat'ma-Koba cliff V.I Bibikova. Krat. soob Inst arkheol AN URSR no 8 122-124 '59.

BAYDARATA BAY REGION—METEOROLOGY

Local characteristics of synoptic processes in the region of Baydarata Bay (southern part of the Kara Sea) V.M Shapaev. Trudy OGMI no.19 65-74 '59

BAZHAN, MYKOLA PLATONOVYCH, 1904-

Nisons'kyi, P. [Mykola Bazhan; a literary portrait] Mykola Bazhan, literaturnyi portret Kyiv, Derzhlitvydav [Ukrainy] 1959. 98 p.
(MU)

BEACONS

Maximum-minimum wave measuring beacons. K.D. Zav'ialov. Trudy GGI no.77 116-121 '60.

BEADS
(see also subdivision under Tsimlyanskaya)

A study of the economic relations among ancient Russian villages. M V.Fekhner. Trudy GIM no.33 149-224 '59.

Technology of the production of glass beads in ancient times. M.A.Bezborodov. Trudy GIM no 33;225 233 '59

BEARING INDUSTRY see subdivision under Minsk

BEARING INDUSTRY—ACCOUNTING

Work analysis of a workshop. N.Gvozdev. Bukhg.uchet 16 no.12,19-25 D '59.

BEARING INDUSTRY—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Moscow)

Karelin, M.A. [Mechanizing some operations in manufacturing antifriction bearings] Mekhanizatsiia nekotorykh operatsii v proizvodstvo podshipnikov kacheniia. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 33 p.

BEARING METALS

Evaluation of cyclic strength of antifriction alloys. S.F. Gurevich. Issl.splav.tsvet.met. no.2:180-190 '60.

Merkulov, E.F. [Antifriction porous alloys] Antifriktsionnye poristye splavy. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1960 50 p.

Powder metal products and nylon plastics used in friction units of agricultural machines. V.S.Kreshchik, O.G. Klimenko, A.V.Tiratsuian. Mashinostroitel' no.2 31-32 F '60.

BEARING METALS—ELECTROMETALLURGY

Electric slag remelting of ball-bearing and structural chromium-nickel-tungsten steels [with summary in English]. IU.A Shul'te and others. Stal' 20 no.1:45-52 Ja '60.

BEARING METALS—HEAT TREATMENT

Avoiding transverse cracks during the heating of roller bearing steel. V.D.Avdeeva, A.M.Dynkin, G.IA.[illegible] Metallurg 5 no.1.30 Ja '60.

Investigating the kinetics of carbon removal from roller-bearing steel during heat treatment. N P Zh[illegible], L.N.Podvolskii, L I.Krylova Metalloved i term. obr.met. no.2:37-42 F '60.

BEARINGS (MACHINERY)

Automatic adjustment of ferroaluminum tractor bushings. Z.L.Tubenshliak, N.V.Sorokin. Trakt.i sel'khozmash 30 no.2:42-45 F '60.

Operation of rolling mills with fluid friction bearings. D.P.Galkin, A.E.Pratusevich. Metallurg 5 no.1 35-[illegible] Ja '60.

Performance of air-lubricated bearings with stabilizer pockets. I.P.Solov'ev. Izv.vys.ucheb.zav., tekh. tekst.prom. no.6:118-126 '59.

BEARINGS (MACHINERY)—HANDBOOKS, MANUALS, ETC.

Medvedev, B.A. [Antifriction bearings for lumbering machinery and mechanisms, handbook] Podshipniki kacheniia lesozagotovitel'nykh mashin i mekhanizmov, spravochnik. Moskva, Goslesbumizdat, 1959. 163 p.

BEARINGS (MACHINERY)—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ball and roller bearings] Sharikovye i rolikovye podshipniki. Izd. ofitsial'noe. Moskva, 1959. 217 p. (Gosudarstvennye standarty SSSR)

BEAVERS
(see also subdivision under Khoper Preserve)

Effect of hydrological pattern of a body of water on the settlement of the beaver. V.V.Makarov. Uch.zap. Mosk gor.ped.inst. 84:151-156 '58.

A new actograph and the method of handling it [with summary in English]. IU.P.IAzan. Zool.zhur. 39 no.1:147-150 Ja '60.

BEBEL, AUGUST, 1840-1913

In memeory of August Bebel. Vest.AN SSSR 30 no.5:116-117 My '60.

BECHER, JOHANNES ROBERT, 1891-1959

"Secrets" of the sonnet. Aleksandr Dymshits. Zvezda no.11:129-131 N '59.

BEDS AND BEDSTEADS

In the interests of [illegible] tov. Prom. koop. [illegible]

BEE CULTURE [illegible]

International [illegible] 60 D '59.

BEE CULTURE—TERMINOLOGY

A study of [illegible] manuscripts of the 13th [illegible] V. S. Vakurov. Vest. Mosk. un. [illegible] 175-180 '59.

BEECH

Branches and [illegible] of the [illegible] material [illegible] Shkirio [illegible]

BEER

(see also [illegible])

Biochemical changes [illegible] pasteurization. [illegible] VNIIPP no. 7:58 [illegible]

Developing the technology [illegible] Hzel. I. IA. Veselov [illegible] no. 7:56-61 '59.

Peculiarities of the [illegible] beer. N. V. [illegible] Trudy VNIIPP [illegible]

BEES

Conditioned [illegible] E. G. Chesnokova [illegible]

Nectar yield of various fruit [illegible] shovskii, B. N. [illegible] Ja-F '60.

Training the conditioned [illegible] bee. L. A. Zabbina [illegible]

BEETLES

Cytochemical [illegible] productive [illegible] V. G. Petrova [illegible]

BEETS—SEEDLINGS

Changes in the [illegible] ionizing radiations [illegible] Konf. Lov. prom. [illegible]

BEKHTEREV, VLADIMIR MIKHAILOVICH

In the first [illegible] '60

BELAYA VALLEY [illegible] (ANIMALS)

A new distinct form [illegible] Caucasus [with summary in English] Biul. MOIP. Otd. biol. 65 [illegible]

BELETSKII, ALEKSANDR IVANOVICH [illegible]

A scholar and [illegible] N. Gudzii, [illegible] N '59.

BELGOROD—[illegible]

They have [illegible] V. Avdeenko. [illegible]

BELGOROD PROVINCE—[illegible]

After the Congress [illegible] 35 F '60.

BELGOROD PROVINCE—[illegible]

New methods [illegible] 10 no. 2 [illegible]

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

The works and life of Belinskii [illegible] and works of V. G. Belinskii [illegible] by A. Lavretskii [illegible] Ja '60.

BELLAY, JOACHIM DU, 1522-1560

Four hundredth anniversary of the death of [illegible] Bellay. Vest. AN SSSR [illegible]

BELOBORODOV, NIKOLAI [illegible]

Who invented [illegible] no. 12:21 [illegible]

BELORUSSIA—[illegible]

Activists are [illegible] trud. no. 3:[illegible]

BELOVO—[illegible]PLIES

Redesigning the [illegible] Ind. SSSR 31 no. [illegible]

BELOYE, LAKE (VOLOGDA PROVINCE)—[illegible]

Benthos of Lake Beloye. [illegible] V. I. Mitropol'skii [illegible] 85-101 '59.

BELOYE, LAKE (VOLOGDA PROVINCE)—[illegible]

Materials on the [illegible] Beloye. Z. N. [illegible] no. 2:159-171 [illegible]

BELOYE, LAKE (VOLOGDA PROVINCE)—PHYTOPLANKTON

Role of Lake Beloye in the formation of phytoplankton in Rybinsk Reservoir. E. A. Guseva. Trudy Inst. biol. vodokhran. no. 2 [illegible]

BELOYE, LAKE (VOLOGDA PROVINCE)—WATER COMPOSITION

Materials on the hydrochemistry of Lake Beloye. M. D. Bogdanova. Trudy Inst. biol. vodokhran. no. 2:197-211 '59.

BELTS AND BELTING

[illegible]

[illegible]

[illegible] Mekh. i avtom. [illegible]

[illegible]

Ways [illegible] belts [illegible] Ja '60.

BELYI [illegible]—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[illegible]

BELYI [illegible]—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

[illegible] Mold. [illegible] Ja '60.

[illegible] see [illegible]

[illegible]

[illegible]

[illegible] see [illegible]

BENZENE

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [with summary in English]. V. A. [illegible]

[illegible]

BENZENE—[illegible]

[illegible] activity [illegible] [with summary in English]. [illegible] Gig. i san. 25 no. 1:23 [illegible] Ja '60.

BENZENE—SPECTRA

[illegible]

BENZENESULFINIC ACID

Oxidation-reduction properties of benzenesulfinic acid. I. P. Alimarin, D. I. Kuznetsov. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3:189-206 '[illegible]

BENZENESULFONAMIDE

Reactions of p-halobenzenesulfonamides with glycide, and with glycerol α-chlorohydrin. N. P. Strepetov. Trudy VGU 57:105-107 '59.

Synthesis of p-halobenzenesulfonamides. N. P. Strepetov. Trudy VGU 40:[illegible] '60.

BENZENESULFONIC ACID

Aromatic esters of 4-chlorobenzenesulfonic acid. [illegible] Ukr. khim. zhur. 25 no. [illegible]

Kinetics and mechanism of reactions between active chlorine and organic compounds. Part 12: Oxidation of para-nitrobenzaldehyde sulfonate ion. [illegible] Ukr. khim. zhur. 25 no. [illegible] 739-742 '59.

Reaction of triphenylstibine with sodium salts of N-chloroamides of benzene- and toluenesulfonic acids. I. P. Petrenko. Trudy VGU 57:135-147 '59.

BENZIMIDAZOLE

Benzazoles. 2-Hydrazino- and 2-azidobenzimidazoles. N. P. Bednyagina, I. IA. Postovskii. Zhur. ob. khim. 30 no. 5:1431-1437 My '60.

Condensation of o-diamino derivatives of 2-methylbenzothiazole with carboxylic acids. Part 2: Thiazolobenzimidazoles. S. G. Fridman. Zhur. ob. khim. 30 no. 5:1520-1526 My '60.

Cyanine dyes from 2-methyl-4,5,7-trichlorobenzimidazole. A. V. [illegible] Ukr. khim. zhur. 26 no. 1:92-95 '60.

Dispensary treatment of hypertension with dibazol. P. M. Kozhina. Zdrav. Belor. 6 no. 1:[illegible] Ja '60.

Effect of papaverine, euphyllin and dibazol on [illegible] [with summary in English]. [illegible]

Effect of dibazol on [illegible] adaptation [with summary in English]. [illegible] Biul. eksp. biol. [illegible]

BENZOFURAN

Production of coumarone resins by a catalytic and thermal polymerization. V. V. Pal'chikov. Koks i khim. no. 2:41-44 '60.

BENZOHYDROXAMIC ACID

[illegible] Ukr. khim. zhur. 25 no. [illegible]

BENZOIC ACID

Antioxidative action of ammonium benzoate. [illegible] 33 no. 1:235-240 Ja '60.

BENZOIC ACID—SPECTRA

Spectrophotometric determination of the dissociation constants of benzoic acid [with summary in English]. V. V. [illegible] Vest. LGU 15 no. 1[illegible] '60.

BENZOQUINOLIZINE

Isoquinoline compounds. Part 17: Synthesis of 4',5'-dimethoxy-2'-methyl-6',7'-dimethoxytetrahydroisoquinolyl(1)-4,5,6,7,8-hexahydrobenzo(1,2 b',3')quinolizine, of C' isomers. [illegible] N. A. Preobrazhenskii. Zhur. ob. khim. 30 no. 5:1474-1478 My '60.

BENZOQUINONE

Interaction between o-alkoxychloro-p-benzoquinones and amines. A. N. Makarova, [illegible] A. IA. Berlin. Zhur. ob. khim. 30 no. 5:1577-1581 My '60.

Interaction between alkoxychloroquinones and amines. Part 2: Reactions of monomethoxytrichloro-p-benzoquinone [illegible] A. IA. Berlin, A. N. Makarova. Zhur. ob. khim. 30 no. 5:1582-1585 My '60.

BENZOTHIAZOLE

Condensation of o-diamino derivatives of 2-methylbenzothiazole with dicarbonyl compounds. Part 1: Thiazoloquinoxalines. S. G. Fridman. Zhur. ob. khim. 30 no. 5:1685-1691 My '60.

Condensation of o-diamino derivatives of 2-methylbenzothiazole with carboxylic acids. Part 2: Thiazolobenzimidazoles. S. G. Fridman. Zhur. ob. khim. 30 no. 5:1520-1526 My '60.

Synthesis of thiazole derivatives. Part 15: Benzothiazolylpyrazolones. V. M. Zubarovskii, G. P. Khodot. Zhur. ob. khim. 30 no. 5:1585-1590 My '60.

BENZOYL CHLORIDE

Reactivity and the surrounding medium. Part 2: Effect of adding certain nitrophenols on the kinetics of the reaction between aniline and benzoyl chloride in benzene. L. M. Litvinenko, D. M. Aleksandrova. Ukr. khim. zhur. 26 no. 1:[illegible] '60.

Spatial structure relationships and reactivity. Part 10: Kinetics of reactions between amino derivatives of diphenylmethane and bibenzyl, and nitrobenzoyl chloride and picryl chloride. L. M. Litvinenko, N. F. Levchenko. Zhur. ob. khim. 30 no. 5:1673-1680 My '60.

BEQUESTS see Inheritance and succession

BEREKA VALLEY—EXCAVATIONS (ARCHAEOLOGY)
Archaeological monuments of the Bereka River Valley. P.D. Liberov. Krat. soob. IIMK no. 77:35-41 '59.

BEREST'YE—RELIGION
Evening in the village of Berest'ye. Leonid Sularko Nauka i rel. no. 1 78-81 Ja '60.

BEREZA DISTRICT—POSTERS
Vividly and convincingly; visual propaganda on the "Zavety Lenina" Collective Farm in Bereza District. V. Fomenko. Blok. agit. [Bel.] no. 1·17-23 Ja '60.

BEREZKO, GEORGII SERGEEVICH, 1905 -
In the angles of a "triangle" ("Here I come!" by G. Berezko. Reviewed by N. Zaitsev). Neva no. 12:195-196 '59.

BEREZNA DISTRICT—FARM BUILDINGS
Daringly introduce new methods and make better use of all resources A Pavlenko Sil'. bud. 7 no. 12·5 D '57.

BEREZNIKI—EDUCATION, COOPERATIVE
Constructive approach. V. IAnkovskii Prof -tekh obr. 17 no. 1 20-21 Ja '60

BERING SEA—DIATOMS
Diatoms in biocoenoses and thanatocoenoses of the western part of the Bering Sea. G. I. Semina, A. P. Zhuze. Trudy Inst. okean. 30:52-67 '59.

BERING SEA—EUPHAUSIIDAE
Euphausiids in the Sea of Okhotsk and the Bering Sea. L. A. Ponomareva. Trudy Inst. okean. 30·115-147 '59.

BERING SEA—ZOOPLANKTON
Biological seasons in plankton development and horizontal distribution of the biomass of zooplankton in the Bering Sea. A. K. Geinrikh. Trudy Inst. okean. 30:107-114 '59.

BERLIN—EXHIBITIONS
Revelation of the versatility and richness of national subjects. H. Henniger Sov. foto 20 no 1 19 Ja '60

Soviet collection of photographs is the best R Maas Sov. foto 20 no. 1 18 Ja '60.

BERLIN QUESTION (1945-)
Dangerous crossroads ("New crisis on Berlin" [in English] by H. C. Deutsch; "Berlin at the crossroads of Europe, at the crossroads of the world" [in German]. Reviewed by A. Efremov). Novyi mir 36 no. 3:256-259 Mr '60.

BERSONOV, SERGEI ALEKSEEVICH, 1889-1959
Sergei Alekseevich Bersonov; obituary. S. Grigor'ev. Izv. Kar. i Kol'. fil. AN SSSR no. 4·160 '59.

BERYL
Expanded formulas of beryl. N. V. Belov. Geokhimiia no. 8:734-736 '59.

Relation between lithium, sodium, and cesium concentrations in alkaline beryls. A. A. Beus. Geokhimiia no. 8: 731-733 '59.

BERYLLIUM
Beryllium. I. Saltykov. IUn. tekh. 4 no. 1:30-32 Ja '60.

BERYLLIUM—ANALYSIS
Determination of small amounts of beryllium by means of β-diketones [with summary in English]. E.S. Przheval'skii, L. M. Moiseeva. Zhur. anal. khim. 15 no. 1:117-118 Ja-F '60.

Separation of iron from cobalt and of aluminum from beryllium by means of ion exchange. R. N. Golovatyi, M. N. Kotovskaia. Ukr. khim. zhur 25 no. 6:791-794 '59.

BERYLLIUM—ISOTOPES
Preparation of the beryllium-7 radioactive isotope as a result of a secondary nuclear reaction in a nuclear reactor. N. P. Rudenko, A. I. Sevast'ianov. Radiokhimiia 1 no. 6:691-693 '59.

BERYLLIUM COMPOUNDS
Solubility in the system beryllium chloride dietherate ethyl ether N IA. Turova, A V. Novoselova, K N. Semenenko. Zhur. neorg. khim. 5 no 1:117-123 Ja '60.

BESSONOVKA (PENZA PROVINCE)—AMATEUR THEATRICALS
Difficult questions. Ign. Nazarov. Teatr 21 no. 2:130-132 F '60.

BET-PAK-DALA—PUMPING MACHINERY
Investigating the performance of VOS-2 rotating casing and chain pumps in the Bet-Pak-Dala Desert. R. M. Kaplan, P. I. Kul'pin, V. E. Andrianov. Trudy KIMESKH 3:148-156 '59.

BETA RAYS
Absorption of beta rays from Co^{60} in refractory materials. D. M. Shakhtin, V. D. Kovalev. Zav lab. 26 no. 2:173-175 '60

Beta-radiation in human blood in cancer and certain blood diseases [with summary in English] A. I Danylenko, I M Shevchenko. Fiziol. zhur [Ukr.] 6 no. 1 114-117 J-F '60.

Effect of β-irradiation on the photoluminescence of molecular crystals. Sh. D. Khan-Magometova, N. D. Zhevandrov, V. I. Gribkov. Izv. AN SSSR. Ser. fiz. 24 no. 5: 561-566 My '60.

BETA RAYS—PHYSIOLOGICAL EFFECT
Analysis of the mechanisms of disturbance of the conditioned reflex function of the central nervous system due to ionizing radiation I M. Gorbunova, N. A Rokotova. Trudy Inst. fiziol 8:254-260 '59.

BETATRON
Investigation of the electron gun of a betatron by use of an electrolytic bath. B. N Gul'ko. Izv. TPI no. 86 197-203 '58

Preparation of a soldered betatron vacuum chamber for 15 MeV. B. N. Gul'ko. Izv. TPI no. 86·204-211 '58.

BEVEL-GEARING see Gearing, Bevel

BEYLE, MARIE HENRI, 1783-1842
A new life of Stendhal ("Stendhal", his life and works by I. A Frid. Reviewed by Valentina Dynnik) Oktiabr' 37 no. 2:221-223 F '60.

BHILAI, INDIA—STEELWORKS
Steel and friendship Ogonek 38 no 2·3 Ja '60.

BIBENZYL
Spatial structure relationships and reactivity. Part 16: Kinetics of reactions between amino derivatives of diphenylmethane and bibenzyl, and n-nitrobenzoyl chloride and picryl chloride. L. M. Litvinenko, N. F. Levchenko Zhur ob. khim 30 no 5 1673-1680 My '60.

BIBLE—CRITICISM, INTERPRETATION, ETC.
Truth about "holy books." K Voropaieva. Nauka i zhyttia 8 no. 11.49-52 N '58.

BIBLIOGRAPHY
Bibliographical find. B. I. Petrovskii. Sov. bibl. no. 6· 99 '59.

[Book chronicle.] Knizhnaia letopis' nos. 22-24 '60.

[Book chronicle.] Knizhnaia letopis' no. 25 '60.

Brief book reviews. Novyi mir 35 no. 12·275-277 D '59.

Brief book reviews. Novyi mir 36 no. 1:284-286 Ja '60.

Brief book reviews. Novyi mir 36 no. 2:281-285 F '60.

Brief book reviews. Novyi mir 36 no. 3:284-286 Mr '60.

Brief news. Sov. bibl. no. 6:105-106 '59.

For a higher cultural standard and a better knowledge of technology; brief listing of recommended literature. Mol. komm. no. 1.127-128 Ja '60.

In the Learned Council of the Institute of the History of Science and Technology. T. F. Bedretdinova. Vop. ist. est. i tekh. no. 8:181-182 '59.

[Information index of bibliographical lists and card files.] Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek nos 10-11 Je '60.

[Information index of bibliographical lists and card files.] Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek no 12 Je '60

New books. Komm. Mold. 5 no. 1·3 of cover. Ja '60.

New books Nauka i zhyttia 6 no 9.40 S '56.

New books. Nauka i zhyttia 8 no 2·62 F '58

New books. Nauka i zhyttia 8 no. 11:62 N '58.

[New books.] Novye knigi nos. 23-26 Je '60.

New books. Novyi mir 35 no. 11:286-288 N '59.

New books Novyi mir 35 no 12·278-280 D '59

New books. Novyi mir 36 no. 1:284-286 Ja '60.

New books. Novyi mir 36 no. 2:286-288 F '60.

New books. Novyi mir 30 no. 3·287-288 Mr '60.

New books. Rad shkola 39 no. 1.92 Ja '60

New books. Sots. kul't. 13 no. 1:38 Ja '60.

New books. Sov. Ukr. 9 no. 8·191-192 Ag '59.

New books. Vest. AN Kazakh. SSR 16 no. 1:95-06 Ja '60.

New books. Vest. AN SSSR 30 no. 5·135-142 My '60.

New books. Zhil.-kom. khoz. 10 no. 1:36 '60.

New books. Zhil.-kom. khoz. 10 no. 2·36 '60.

New books for deputies. Gor. khoz. Mosk. 34 no. 1:26 Ja '60.

New books on the history of natural science and technology published in 1958. Vop. ist. est. i tekh. no. 8:180 '59.

New publications of the institutions of higher learning. Vest. vys. shkoly 17[i. e. 18] no. 5:94 My '60.

Recommended subjects and literature for propagandists' talks in February. Blok. agit. [Len.] no. 3:46-48 Ja '60.

BIBLIOGRAPHY—ACCOUNTING
New books on accounting, analysis of managerial operations and mechanization. Bukhg uchet 17 no 3 60-73 Mr '60

BIBLIOGRAPHY—AGRICULTURAL MACHINERY
Agricultural machinery. V pom chit. no. 14 29-36 '59.

Bookshelf Sel' mekh. no 1 40 '60

Bookshelf. Sel'. mekh. no. 2:42 '60.

BIBLIOGRAPHY—AGRICULTURE
Biology, medicine, agriculture; reviews [of foreign books] Nov. knigi za rub. Ser. V 1 no. 1·3-81 Ja '60.

Biology, medicine, agriculture; reviews [of foreign literature] Nov. knigi za rub. Ser. V 4 no. 2 3-74 F '60.

Biology, medicine, and agriculture; reviews [of foreig literature]. Nov. knigi za rub. Ser. V 3 no 12:3 55 D '59.

Books received by the editor for review. Agrobiologiia no. 1·158-159 Ja-F '60

Dissertations in agriculture. Vest. sel'khoz. nauki 5 no. 1·156-158 '60.

For 200 poods of grain per hectare; a list of recomme literature. Sots. kul't. 13 no. 1·36 Ja '60.

[Information bulletin of new foreign books, received the Lenin Library. Series 2 Biological, medical, a agricultural sciences.] Informatsionnyi biulleten' vykh inostrannykh knig, postupivshikh v Bibliotek imeni V I. Lenina. Seriia 2 Biologicheskie, medi skie i sel'skokhoziaistvennye nauki no. 15 '60

[Information bulletin of new foreign books, received the Lenin Library. Series 2: Biological, medical, a agricultural sciences.] Informatsionnyi biulleten' vykh inostrannykh knig, postupivshikh v Bibliotek imeni V. I. Lenina Seriia 2 Biologicheskie, medits skie i sel'skokhoziaistvennye nauki nos. 17-18 '60

List of books on agriculture received by the Central Scientific, Agricultural Library (TsNSKhB) during December 1959. Nov. knigi za rub. Ser. V 1 no. 1 F '60.

List of books on agriculture received by the Central Scientific, Agricultural Library (TsNSKhB) during November 1959. Nov. knigi za rub. Ser. V 4 no. 1 Ja '60.

List of books on biology, medicine, and agriculture re ceived by the All-Union State Library of Foreign Lite ture (VGBIL) from September 15 to October 15, 1959 Nov. knigi za rub Ser. V 3 no. 12:57-63 D '59.

New books Kolh. Ukr 7 no 2 48 F '60

New books. Visnyk sil' hosp. nauky 3 no. 2·95 F '

One pulls one way and the other pulls the other way . S. Ovcharov. Sov. knizh. torg. 12 no. 1:26-28 Ja '

Plenty in our hands V pom chit no 14 1-7 '59

Science of plants V pom chit no. 14 23-28 '59

Soil and its fertility V pom chit. no. 14 15-21 '59

With the hands of youth V pom. chit no 14 9-13 '

Works of agricultural research, experimental, and educational institutions. Vest. sel'khoz. nauki 5 no 153-155 '60.

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING
New books on problems of economics and accounting agriculture. Uchet i fin. v kolkhoz. i sovkhoz 17 59 '59

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS
New books on problems of economics and accounting agriculture. Uchet i fin. v kolkhoz i sovkhoz 17 59 '59

BIBLIOGRAPHY—ANTARCTIC REGIONS
Antarctic. Kal. znam. i pam. dat 5 no. 1·36-40 Ja '

Bibliography. Inform. biul. Sov. antark. eksp no 11 57 '59

BIBLIOGRAPHY—ART
Publications on fine arts for the year 1960 Iskusstvo 23 no 1:76-78 '60.

BIBLIOGRAPHY—ART INDUSTRIES
New books Prom koop 14 no. 2 38 F '60

BIBLIOGRAPHY—ASIA—RELATIONS (GENERAL) WIT RUSSIA
Comrade N. S. Khrushchev's visit to Asian countries znam. i pam dat 5 no 3 4-8 Mr '60

BIBLIOGRAPHY—ASTRONOMY
Dom detskoi knigi. [Books about the stars; a bibliog for children of the older and the middle age groups, gi o zvezdakh; rekomendatel'nyi ukazatel' dlia det shego i srednego vozrasta. Moskva, Gos. izd-vo d lit-ry M-va prosv. RSFSR, 1960. 43 p.

BIBLIOGRAPHY—ATHEISM
Index of literature on the history of religion and athe published in the U. S. S. R. in Russian in 1956. M D Zakharova. Ezhegod. Muz. ist rel. i ateiz. 3 399-41 '59

BIBLIOGRAPHY—AUTOMATIC CONTROL
Bibliography on magnetic elements of calculating machines and automatic and remote control for 1958 (continuation). G. V. Subbotina, I. S. Trefilova. Avtom i telem. 21 no. 2:271-278 F '60.

Literature on magnetic elements of automatic control telemechanics, and calculating machines for 1958 Avtom. i telem. 21 no. 1:149-158 Ja '60.

New books published by the State Scientific and Tech Publishing House of Literature on Machinery Mekh avtom proizv 14 no. 1 64 Ja '60

BIBLIOGRAPHY—AUTOMATION

New books. Mekh. i avtom. proizv. 14 no. 2:63 F '60

BIBLIOGRAPHY—BIOLOGY

Biology, medicine, and agriculture, reviews [of foreign literature]. Nov. knigi za rub. Ser. V 3 no. 12:3-56 D '59.

Defense of dissertations in the Department of Biological Sciences. Vest. AN SSSR 30 no. 5:123-125 My '60.

[Information bulletin of new foreign books, received by the Lenin Library Series 2. Biological, medical, and agricultural sciences] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina. Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 15 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I. Lenina Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki nos. 17-18 '60.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) from September 15 to October 15, 1959. Nov. knigi za rub. Ser. V 3 no. 12:57-63 D '59.

New publications of institutions of higher learning. Vest. vys shkoly 18 no. 6:96 Je '60.

BIBLIOGRAPHY—BLAST FURNACES

New retrospective bibliographies of technical literature ("Blast-furnace production, a bibliography" edited by N B Arutiunov "Founding, a bibliography of literature published before 1955" edited by N V Sokolov Reviewed by M. M. Vinokur, D. M Voltinskaia) Sov. bibl. no 6 71-75 '59.

BIBLIOGRAPHY—BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

New bibliography of A. Blok's works("Bibliographic materials on Aleksander Blok, 1928-1957", Uchenye zapiski of the Vilnius State Pedagogical Institute. Vol. 6. Reviewed by L. Zhak). Vop. lit. no. 2 218-221 F '60.

BIBLIOGRAPHY—BRUNO, GIORDANO, 1548-1600

Giordano Bruno Kal znam i pam. dat 5 no. 2 21-25 F '60

BIBLIOGRAPHY—BUILDING

Bibliography. Nov. tekh. mont. i spets. rab. v stroi. 22 no. 1:32-3 of cover Ja '60.

New books. Sil'. bud. 7 no. 12:24 D '57.

New books. Sil'. bud. 10 no. 1:3 of cover Ja '60.

New books. Sil'. bud. 10 no 2 3 of cover F '60

New books. Stroi. i arkhit. 8 no. 1:29 Ja '60.

New books. Stroitel' no. 1:31 Ja '60.

New books Stroitel' no 2 31 F '60.

New books Zhil stroi no 2:24 F '60.

Publication of the Office of Technical Information of the Scientific Research Institute of Organization, Mechanization, and Technical Aid to Construction of the Academy of Building and Architecture, issued in the 3rd and 4th quarters of 1959. Biul. stroi. tekh. 17 no. 2:50-52 F '60.

BIBLIOGRAPHY—ČAPEK, KAREL, 1890-1938

K. Čapek. Kal. znam. i pam. dat 5 no. 1:12-14 Ja '60.

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Karel Čapek; a bio-bibliography] Karel Chapek; bio-bibliograficheskii ukazatel', Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 84 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—CARTOGRAPHY

Bibliography. Geod. i kart. no. 12:67 D '59.

BIBLIOGRAPHY—CEMENT

Bibliography. TSement 26 no. 1:32 Ja-F '60.

BIBLIOGRAPHY—CHEKHOV, ANTON PAVLOVICH, 1860-1904

A. P. Chekhov. Kal. znam. i pam. dat 5 no. 1:41-47 Ja '60.

Anton Pavlovich Chekhov. Sov. knizh. torg. 12 no. 1:21 Ja '60.

Chekhov Day. E. Sakharova, E. Kabalkina. Kul't.-pros. rab. 20 no. 12:43-48 D '59.

BIBLIOGRAPHY—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Bibliography. Khim. mash. no. 1:48-of cover Ja '60.

BIBLIOGRAPHY—CHEMISTRY

Books published by the Publishing Office for Foreign Literature. Khim. prom no. 7.645 O-N '59

Books published by the State Publishing Office in 1960. Khim prom no. 7,643-645 O-N '59

Defense of dissertations in the Department of Chemical Sciences. Vest. AN SSSR 30 no. 5:120-121 My '60.

New books. Khim. v shkole 15 no. 1:92-93 Ja-F '60.

BIBLIOGRAPHY—CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Dissertations. Med. prom. 14 no. 1:63 Ja '60.

BIBLIOGRAPHY—CHEMISTRY, TECHNICAL

Bibliography. Zhur. prikl. khim 33 no. 2:506-512 F '60.

From scientific and technical journals. Gidroliz. i lesokhim prom. 13 no. 1 insert '60.

BIBLIOGRAPHY—CHILDREN'S LITERATURE

[Books for children's and school libraries; a guide to recommended literature] Knigi 1953 goda dlia detskikh i shkol'nykh bibliotek no. 2 '53; no 3 '54

Bookshelf. S. I. Smirnova. Doshk. vosp. 33 no. 3:107-113 Mr '60.

BIBLIOGRAPHY—CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

Fryderyk Chopin. Kal. znam i pam dat 5 no 2 26-29 F '60

BIBLIOGRAPHY—COAL MINES AND MINING

New books. Ugol' Ukr 4 no. 1 46 Ja '60.

Scanning the pages of periodicals Ugol' Ukr 4 no 1:48 Ja '60.

Valuable and necessary book on technical progress in coal mining in the U. S. S. R. "Bases of technical progress in coal mining in the U S. S. R." Reviewed by A. S. Kuz'mich and others). Ugol' 35 no. 1:62-63 Ja '60

BIBLIOGRAPHY—COMMERCE

New books. Sov. torg. 33 no. 2:53 F '60.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Russian literature on problems in microbiology, immunology, infectious diseases and epidemiology, published during the fourth quarter of 1958 Zhur mikrobiol, epid i immun 30 no. 12 135-140 D '59.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Recommended literature on the Communist Party. Blok. agit [Ukr] no 3,45 Ja '59.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Ninth Congress of the Russian Communist Party Kal. znam. i pam dat 5 no 3 39-43 Mr '60.

Twenty-First Congress of the Communist Party of the Soviet Union Kal. znam. i pam. dat 5 no. 1:28-35 Ja '60.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Booklets about experience in party and mass political work. Blok. agit. [Bel.] no. 27:47-48 S '59.

BIBLIOGRAPHY—CONCRETE

Literature on plain and reinforced concrete. Bet. i zhel.-bet. no. 1:46a-b Ja '60.

BIBLIOGRAPHY—DAGHESTAN

Daghestan Autonomous Soviet Socialist Republic. Kal. znam i pam dat 5 no 3 44-47 Mr '60.

BIBLIOGRAPHY—ECONOMICS

Bookshelf. Nar. khoz. Kazakh. 18 no. 1:95 Ja '60.

[New books abroad on social sciences; economics, philosophy, history.] Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia 3 no. 5 My '60.

[New Soviet economic literature.] Nov. sov. ekon. lit. nos. 1-9 '60.

BIBLIOGRAPHY—EDUCATION

New publications of the publishing house of the Academy of Pedagogical Sciences of the R. S. F. S. R. Sov. pedag. 24 no. 2:154-156 F '60.

BIBLIOGRAPHY—EDUCATION, PRESCHOOL

Publications of the Academy of Pedagogical Sciences of the R. S. F. S. R. V. Fat'ianov. Dosh. vosp. 33 no. 2:115 F '60.

What the workers of the preschool institutions on collective farms should read. A. F. Kolesnikova. Doshk. vosp 33 no. 3 101-103 Mr '60.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

New books on electrical engineering. Elektrichestvo no. 2:95 F '60

BIBLIOGRAPHY—ELECTRIFICATION

State Commission for the Electrification of Russia. Kal. znam. i pam. dat 5 no 3:32-38 Mr '60.

BIBLIOGRAPHY—ELECTRONIC CALCULATING MACHINES

Bibliography on magnetic elements of calculating machines and automatic and remote control for 1958 (continuation). G. V. Subbotina, I. S. Trefilova. Avtom. i telem. 21 no. 2:271-278 F '60.

Literature on magnetic elements of automatic control, telemechanics, and calculating machines for 1958. Avtom. i telem. 21 no. 1:149-158 Ja '60.

BIBLIOGRAPHY—ELECTRONICS

New books. Radiotekhnika 15 no. 1:3 of cover Ja '60.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 1:120-124 Ja '60.

BIBLIOGRAPHY—FEUCHTWANGER, LION, 1884-1958

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Lion Feuchtwanger; a bio-bibliography] Lion Feikhtvanger; bio-bibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 420 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—FILATOV, VLADIMIR PETROVICH, 1875-1956

V P Filatov Kal. znam i pam. dat 5 no 2:43-45 F '60

BIBLIOGRAPHY—FISHES—DISEASES AND PESTS

From the editor. Trudy sov. Ikht. kom. no. 9:3-4 '59.

BIBLIOGRAPHY—FOMIN, ALEKSANDR GRIGOR'EVICH, 1887-1939

Bibliographical materials in the A. G. Fomin archives. M V. Mashkova, M. V. Sokurova. Sov. bibl no 6:58-70 '59.

BIBLIOGRAPHY—FOOD, FROZEN

New books. Khol. tekh. 37 no. 1:64 Ja-F '60.

New books. Khol. tekh. 37 no. 1:73 Ja-F '60.

BIBLIOGRAPHY—FOOD INDUSTRY

New literature and inventions in branches of the food industry. Khleb. i kond. prom. 4 no 1:45 Ja '60.

BIBLIOGRAPHY—FORESTS AND FORESTRY

Books to be published in this year Les khoz 12 no 1. 85-86 Ja '60

New books on forestry Les khoz 12 no 1 72 Ja '60.

New books on forestry. Les. khoz. 12 no. 2:89 and 3 of cover F '60.

BIBLIOGRAPHY—FOUNDATIONS

Book reviews and bibliography. Osn., fund. i mekh. grun. 2 no 1:31-3 of cover '60.

BIBLIOGRAPHY—FOUNDING

New books. Lit. proizv. no. 2:3 of cover F '60.

New retrospective bibliographies of technical literature ("Blast-furnace production, a bibliography" edited by N. B. Arutiunov "Founding, a bibliography of literature published before 1955" edited by N. V. Sokolov Reviewed by M M. Vinokur, D. M Voltinskaia). Sov. bibl no. 6:71-75 '59.

BIBLIOGRAPHY—FRANCE—RELATIONS (GENERAL) WITH RUSSIA

Comrade N S. Khrushchev's forthcoming visit to France. Kal. znam i pam. dat 5 no 2:4-10 F '60.

BIBLIOGRAPHY—FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

M. V. Frunze. Kal. znam i pam. dat 5 no. 2 11-16 F '60.

BIBLIOGRAPHY—GAS, NATURAL

Akademiia nauk URSR, Kiev. Biblioteka. [What to read on the uses of natural gas in industry, automobile transportation, municipal economy, home appliances, and on pipeline operations] Chto chitat' ob ispol'zovanii prirodnogo gaza v promyshlennosti, avtotransporte, kommunal'nom khoziaistve, v bytu i ob ekspluatatsii gazoprovodov. Kiev, 1948. 20 p.

New books on petroleum and gas. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 12:108, 130, 134 '59.

BIBLIOGRAPHY—GEOGRAPHY

Brief news. Geog. v shkole 23 no. 1:87-90 Ja-F '60.

Defense of dissertations in the Department of Geographical and Geological Sciences. Vest. AN SSSR 30 no. 5:121-123 My '60.

BIBLIOGRAPHY—GEOLOGY

Defense of dissertations in the Department of Geographical and Geological Sciences. Vest. AN SSSR 30 no. 5:121-123 My '60.

[Geological literature of the U. S. S. R.] Geologicheskaia literatura SSSR no. 2 '58.

BIBLIOGRAPHY—GRUMM-GRZHIMAILO, GRIGORII EFIMOVICH, 1860-1936

G. E. Grumm-Grzhimailo. Kal. znam. i pam. dat 5 no. 2:

Ve.
[New
losophy, history
shchestvennym n
3 no. 5 My '60.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

Bibliography. Gidr.stroi. 30 no.2:63-64 F '60.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography for 1959 (continuation). Meteor.i gidrol. no.5 56-58 My '60.

Transactions of scientific research institutes of the Hydrometeorological Service for 1959 (continuation). Meteor.i gidrol no.5:58-59 My '60.

BIBLIOGRAPHY—INDIA

Republic of India. Kal.znam.i pam.dat 5 no.1 23-27 Ja '60.

BIBLIOGRAPHY—INSTRUMENTS

New books. Priborostroenie no.2:32-3 of cover F '60.

BIBLIOGRAPHY—INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Russia (1923- U.S.S.R.) Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo Geofizicheskogo Goda. [Bibliography of literature in the Russian language published during 1958] Bibliograficheskii ukazatel' literatury na russkom iazyke za 1958 g. Moskva, Izd-vo Akad. nauk, 1959. 63 p.
(CoBBS)

BIBLIOGRAPHY—ISAKOVSKII, MIKHAIL VASIL'EVICH, 1900-

M.V.Isakovskii. Kal.znam.i pam.dat 5 no.1 19-22 Ja '60.

BIBLIOGRAPHY—IVANOV, VSEVOLOD VIACHESLAVOVICH, 1895-

V.V.Ivanov Kal znam i pam dat 5 no.2 38-42 F '60

BIBLIOGRAPHY—JOLIOT-CURIE, FREDERIC, 1900-1958

Frederic Joliot-Curie. Kal znam i pam dat 5 no.3 28-31 Mr '60

BIBLIOGRAPHY—KAZAKHSTAN—HISTORY

Kazakh, S.S.R. TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [Guide to the Central State Historical Archives of Kazakhstan] Putevoditel'. Alma-Ata. Vol.2. 1947.
(MH)

BIBLIOGRAPHY—KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906

New bibliography on Kosta Khetagurov ("Kosta Khetagurov (1859-1906); a bibliography" by L E TSkhovrebov. Reviewed by V.S.Kreidenko). Sov. bibl no.6:79-81 '59.

BIBLIOGRAPHY—LAW

Bibliography. Rad.pravo no.6:159-160 N-D '59.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Aid for the propaganda of V.I.Lenin's works. V pom. polit.samoobr. 4 no.1:54 Ja '60.

New books. Komm.Mold 5 no.2 2 of cover-3 of cover F '60.

Ninetieth anniversary of the birth of V.I.Lenin. Sov. knizh.torg. 12 no.1:47-48 Ja '60.

Publications of "Sovetskii khudozhnik." E.Petreikova. Sov.knizh.torg. 12 no.1:5 Ja '60.

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh.kino i telev 4 no.2:86-87 F '60.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura no 15 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina Seriia 3. Obshchestvennye nauki, khudozhestvennaia literatura nos.16-18 '60.

New books. I.Shamorikov. Vop.lit. no.2:234-235 F '60.

New books. Sov.Ukr. 9 no.9:191-192 S '59.

New books. Sov.Ukr. 9 no.11:191-192 N '59.

New books. Sov.Ukr. 9 no.12:182-183 D '59.

BIBLIOGRAPHY—LITHUANIA—PEASANTRY

New works by Lithuanian historians on the history of the peasantry in the 19th century. G.V.Kiselev. Ist.SSSR no.1:187-191 Ja-F '60.

BIBLIOGRAPHY—LOCAL GOVERNMENT

Deputies of the soviets tell their stories. V.Baikov, V.Vasenin. Sov.deput.trud. no.1:90-92 Ja '60.

Unanswered questions of readers. IU.Feofanov. Sov. deput.trud. no.1:88-90 Ja '60.

BIBLIOGRAPHY—LOCOMOTIVES

Reshetinskii, I.I. [New types of locomotive; a recommended reading list] Novye vidy lokomotivov, rekomendatel'nyi obzor literatury. Moskva, Gos.biblioteka SSSR im V.I.Lenina, 1957. 23 p. (Novosti tekhniki, no.9)
[MICROFILM]

BIBLIOGRAPHY—LUMBERING

New books. Les.prom. 38 no.1 insert Ja '60.

BIBLIOGRAPHY—MACHINE TOOLS

Bibliographic list of Russian and foreign literature published in 1946-1956 compiled by the library of the Experimental Scientific Research Institute of Machine Tools Mod metallorezh.stan no.7 31-33 '58.

Bibliographical list of Russian and foreign literature published in 1946-1957 (continued). Mod.metallorezh.stan. no.5:75-77 '59.

BIBLIOGRAPHY—MACHINERY INDUSTRY

Magazines on the machinery industry during 1960. V.Korotkov Raspr pech no 1 22-23 Ja '60

BIBLIOGRAPHY—MAGNETIC INSTRUMENTS

Bibliography of literature on computation techniques ("Magnetic elements in automatic control, telemechanics, and computers, an annotated list of literature for the year 1957" by G.V Subbotina, I.S Trefilova Reviewed by IU A Egorov) Sov. bibl no 6 76-79 '59.

BIBLIOGRAPHY—MATHEMATICS

[Literature on physics and mathematics, and dictionaries of science and technology, order catalog.] [Sovetskie knigi] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari; katalog dlia zaiavok no.2 '60.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations Vest mash 40 no 2 90 F '60

Bibliographic list of Russian and foreign literature published in 1946-1957 compiled by the Experimental Scientific Research Institute of the Machine-Tool Industry (continued). Mod.metallorezh.stan no 6:36-37 '59

Bibliographic list of Russian and foreign literature published in 1946-1956 compiled by the library of the Experimental Scientific Research Institute of the Machine-Tool Industry (continued) Mod.metallorezh stan no 14 57-61 '59.

Bibliographic list of Russian and foreign literature published in 1946 to 1957 compiled by the Library of the Experimental Scientific Research Institute for Machine Tools (to be continued). Mod.metallorezh.stan. no.2: 44-45 '58

Bibliographical list of Russian and foreign literature published in 1946-1957 compiled by the library of the Experimental Scientific Research Institute of the Machine-Tool Industry (continued) Mod metallorezh stan no 8:43-44 '59

Bibliographical list of Russian and foreign literature published in 1946-1958 compiled by the library of the Experimental Scientific Research Institute of the Machine-Tool Industry (continued) Mod metallorezh. stan no 10:38-41 '59.

Bibliographical list of Russian and foreign literature published in 1952-1958 on modernization of machine tools compiled by the library of the Experimental Scientific Research Institute of the Machine-Tool Industry. Mod metallorezh stan no 12 51-52 '59

Books, Dissertations, Periodicals. Stan.i instr. 31 no.1:44-46 Ja '60

Books, dissertations, periodicals Stan.i instr. 31 no.2 46-48 F '60

New books. Avt.prom. no.1:47 Ja '60.

New books. Mekh.i avtom.proizv. 14 no.2:63 F '60.

New books. Priborostroenie no.1:31-32 Ja '60.

New books Vest mash 40 no 2:90-91 F '60

New books published by the State Scientific and Technical Publishing House of Literature on Machinery. Mekh i avtom.proizv 14 no.1 64 Ja '60

Review of foreign periodicals Vest mash 40 no 2: 92-93 F '60

BIBLIOGRAPHY—MEDICINE

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.Ser.V 3 no.12:3-56 D '59.

Biology, medicine, agriculture; reviews [of foreign books]. Nov.knigi za rub.Ser.V 4 no.1:3-81 Ja '60.

Biology, medicine, agriculture; reviews [of foreign literature] Nov.knigi za rub.Ser.V 4 no.2:3-74 F '60.

Dissertations presented at Ukrainian medical institutes. Vrach.delo no.12:1339-1340 D '59.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2. Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.15 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki nos.17-18 '60.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) from November 15th to December 15th, 1959. Nov.knigi za rub.Ser.V 4 no.1 F '60.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) from October 15th to Nov 1959. Nov knigi za rub.Ser.V 4 no.1:87 83 Ja '6

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign L ture (VGBIL) from September 15 to October 15, 195 . Nov.knigi za rub.Ser.V 3 no 12:57-63 D '5

List of books on medicine received by the State C Medical Library during December 1959. Nov.knigi rub.Ser.V 4 no.1:77-79 F '60.

List of books on medicine received by the State Centra Medical Library during November 1959. Nov.knigi rub.Ser.V 4 no.1:84-89 Ja '60.

List of books received by the State Central Medical Library during October 1959. Nov.knigi za rub Ser.V 3 no.12 64-68 D '59.

New books. Sov.med. 24 no.1:153-154 Ja '60.

New books. Sov.zdrav. 19 no 2:61 '60.

New books. Zdorov'e 6 no.2:32 F '60

New books. Zdorov'e 6 no.3:32 Mr '60.

New medical literature. Zdrav.Turk. 3 no.6:3 of c N-D '59.

New medical publications in 1960. Vrach.delo no.12: 1333-1335 D '59.

BIBLIOGRAPHY—MERCHANT MARINE

New books Mor flot 20 no 1 18 Ja '60.

BIBLIOGRAPHY—METALLURGY

Soviet bibliography of ferrous metallurgy. N.G Star binskaia. Sov.bibl no 6:33-35 '59.

[Soviet books on metallurgy for 1960; order catalog] Sovetskie knigi po metallurgii, 1960, katalog dlia zaiavok no.5 '60.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanogr for 1959 (continuation). Meteor.i gidrol. no.5 56- My '60.

Transactions of scientific research institutes of the Hydrometeorological Service for 1959 (continuation Meteor.i gidrol. no.5:58-59 My '60.

BIBLIOGRAPHY—MICROBIOLOGY

Russian literature on the problems of microbiology, immunology, infectious diseases, and epidemiology published during the fourth quarter of 1958 M.I. Vil'shanskaia. Zhur.mikrobiol.,epid.i immun. 31 no.1 150-152 Ja '60.

BIBLIOGRAPHY—MIDDLE AGES

Literature on medieval history published in the U.S. during 1956. Compiled by I.I.Frolova Sred.vek no.15 177-186 '59.

Literature on the history of the Middle Ages publis in the U.S.S.R. during 1957. I.I.Frolova. Sred. no.10:157-167 '59.

BIBLIOGRAPHY—MINERALS IN SOIL

Soil mineralogy. Pochvovedenie no.1:115 Ja '60.

BIBLIOGRAPHY—MINING ENGINEERING

Academic dissertations on rock breaking. M.M.Pr d'iakonov, A.P.Stepanov. Izv.vys.ucheb.zav.;gor. no.10:160-174 '59.

New books. Shakht.stroi. no.1:32 Ja '60.

BIBLIOGRAPHY—MODULATION (ELECTRONICS)

Defense of dissertations at the Sergo Ordzhonikidze I tute of Aviation in Moscow V.T.Froikin Izv.vy ucheb.zav.,radiotekh. 3 no 5:620 S-O '5

BIBLIOGRAPHY—MORDOVIA

Soviet Mordovia. Kal.znam.i pam.dat 5 no.1 15-1 '60.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAP FILMS

Motion-picture film and its photographic processing Tekh kino i telev. 4 no.1:91-92 Ja '60.

Motion-picture film and its photographic processing. Tekh.kino i telev. 4 no.2:88-90 F '60.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Motion-picture projection. Tekh.kino i telev. 4 n 85-86 F '60.

BIBLIOGRAPHY—MOTION PICTURES

Literature on motion-picture engineering to be publ in 1960. Tekh kino i telev. 4 no.1:93-94 Ja '60

Motion-picture photography and projection. Tekh.k telev. 4 no.1:86-88 Ja '60.

New books on cinema art. Isk.kino no.2:155 F '6

BIBLIOGRAPHY—MOTION PICTURES—LIGHTING

Optics and lighting engineering. Tekh.kino i telev no.1:90-91 Ja '60.

BIBLIOGRAPHY—MOTOR VEHICLES
New books in 1960. A. Dobrov [illegible] 1960.

BIBLIOGRAPHY—MUSIC
[Chronicle of musical literature.] [illegible] literatury no.3 '60.
Notes on sheet music. [illegible] F '60.

BIBLIOGRAPHY—OCEANOGRAPHY
Literature on meteorology, hydrology [illegible] for 1959 (continuation). Meteor. [illegible] My '60.

BIBLIOGRAPHY—OILS AND FATS
New books. Masl [illegible] 20 [illegible]

BIBLIOGRAPHY—OPEN AND CLOSED [illegible]
Open access to the collections [illegible] 1959. Bibliotekar' [illegible]

BIBLIOGRAPHY—OPTICS
Optics and lighting engineering. Tekh. kino i telev. 4 no.1:90-91 Ja '60.
Optics and lighting engineering. Tekh. kino i telev. 4 no.2:86-87 F '60.

BIBLIOGRAPHY—ORIENTAL LITERATURE
Uigur manuscripts [illegible] Central Asian [illegible] 28 no.12:120-122 D '59.

BIBLIOGRAPHY—ORTHOPEDIA
New books. Ortop., travm. i protez. [illegible]

BIBLIOGRAPHY—OSCILLATIONS
Defense of dissertations at the [illegible] Institute of Aviation in Moscow [illegible] ucheb. zav.; radiotekh. [illegible]

BIBLIOGRAPHY—PARIS COMMUNE, 1871
Paris Commune [illegible] Mr '60.

BIBLIOGRAPHY—PATON, EVGENII OSKAROVICH, 1870-1953
E.O. Paton. [illegible]

BIBLIOGRAPHY—PETROLEUM [illegible]
New books on petroleum [illegible] neft' i gaza [illegible]

BIBLIOGRAPHY—PHILOLOGY
Defense of dissertations [illegible] and Language. Vest. AN [illegible]

BIBLIOGRAPHY—PHILOSOPHY
[New books abroad [illegible] biography, history.] [illegible] 3 no.5 My '60.

BIBLIOGRAPHY—PHOTOGRAPHY
To be published [illegible] 20 no.1:47 Ja '60.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING
Literature on physical education [illegible] countries. Teor. i prak. fiz. kul't. [illegible]

BIBLIOGRAPHY—PHYSICS
Defense of dissertations in the Department [illegible] Mathematical Sciences. Vest. AN SSSR [illegible] My '60.
[Literature on physics [illegible] of science and tech [illegible] knigi.] Fiziko-matematicheskie [illegible] tekhnicheskie nauki. Katal. [illegible]

BIBLIOGRAPHY—PHYSIOLOGY
Brief news. Trudy Inst. Fiziol. [illegible]

BIBLIOGRAPHY—POLYMERS
Journal of Polymer Science, 38 no.133 [illegible] (abstracts of papers). [illegible] 1870-1876 D '59.
Journal of Polymer Science 38 [illegible] (Abstracts of papers). [illegible] 182 Ja '60.

BIBLIOGRAPHY—POWER ENGINEERING
Dissertations. A.S. Sergeev. [illegible] 95 F '60.
Dissertations for the degrees of [illegible] sciences. A.S. Sergeev. [illegible] Ja '60.
[New Soviet books to be published during 1960 by the State Power Engineering Publishing House (Gosenergoizdat) order catalog.] Sovetskie knigi [illegible] na 1960 g.; [Sovetskie knigi] katalog [illegible]
New works of the All-Union Heat Engineering Institute accomplished in 1959. M.S. [illegible] Teploenergetika 7 no.2:93-94 F '60.

BIBLIOGRAPHY—PRINTING INDUSTRY
Review of [illegible] periodicals. Poligr. proizv. no.1: [illegible]

BIBLIOGRAPHY—PUBLIC HEALTH
Bibliography of Russian literature on problems in [illegible] Sanitation, published during the first half [illegible] Gig. i san. [illegible]

BIBLIOGRAPHY—RADIO
[illegible] '60.
[illegible] collections. Radio no.1:59 [illegible]
[illegible] A. Kuzmina [illegible]

BIBLIOGRAPHY—RAILROADS
[illegible]
[illegible] 42 no.1:93 Ja '60.
[illegible] (railroad workers) [illegible] no.1 '60.
[illegible] railroad workers. A. [illegible] 40 F '60.

BIBLIOGRAPHY—[illegible] FEDERATION AND [illegible]
[illegible] '60.

BIBLIOGRAPHY—RELIGION
[illegible]
[illegible] 120

BIBLIOGRAPHY—[illegible]
[illegible]

BIBLIOGRAPHY—[illegible]
[illegible]

BIBLIOGRAPHY—[illegible]
[illegible]

BIBLIOGRAPHY—[illegible]
[illegible]

BIBLIOGRAPHY—[illegible] ECONOMIC [illegible]
[illegible]

BIBLIOGRAPHY—[illegible]
[illegible]

BIBLIOGRAPHY—RUSSIAN [illegible]
[illegible]

BIBLIOGRAPHY—RUSSIAN [illegible]
[illegible]

BIBLIOGRAPHY—RUSSIAN LITERATURE—[illegible]
[illegible]

BIBLIOGRAPHY—RUSSIAN LITERATURE
Koptin, A. A. [illegible] Moscow [illegible]
[illegible]
[illegible]
[illegible] of Soviet books and periodicals] [illegible] 1959. 137 p. [Parallel texts in English and Russian.]
[illegible], F. F., and [illegible] [Catalog for public libraries, general index to the third edition] [illegible] Moskva, Gos. [illegible] 1960. 80 p.

BIBLIOGRAPHY—RUSSIAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES
Methods of compiling bibliographies of materials in the Russian language as aids to the study of foreign belles lettres. M.I. [illegible] Trudy Gos. bibl. SSSR [illegible]

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS
Moskovskaia [illegible] [Catalog of Soviet newspapers and periodicals in the Russian language] Katalog sovetskikh gazet i zhurnalov na russkom iazyke. [Moskva] 1960.
(DLC)

BIBLIOGRAPHY—RUSSIAN PERIODICALS
Moskovskaia [illegible] [Catalog of Soviet newspapers and periodicals in the Russian language] Katalog sovetskikh gazet i zhurnalov na russkom iazyke. [Moskva] 1960.
(DLC)
Periodicals of the prerevolutionary era ("Bibliography of Russian periodicals, 1901-1916" by L.N. Beliaeva, M.K. Zinov'eva, M.M. Nikiforov. Reviewed by M. [illegible]) Vop. ist. no.2:241-242 [illegible] '60.

BIBLIOGRAPHY—RUSSIAN PERIODICALS—INDEXES
Vol'tsik, N.A. [Materials for a list of indexes of the Russian periodical press] Materialy dlia spiska ukazatelei soderzhaniia periodicheskikh izdanii. Leningrad, [illegible] 1959, [Ann Arbor, Univ. Microfilms, 1960] [illegible] 74 p.
(DLC)

BIBLIOGRAPHY—SANITARY ENGINEERING
Annotated list of literature. Vod. i san. tekh. no.2:40-41 [illegible] '60.

BIBLIOGRAPHY—SCIENCE
Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL). Nov. knig. za rub. Ser. A 11 no.1:123-125 Ja '60.
Annotated list of books published in Russian translation by the State Publishing House for Foreign Literature. Nov. knig. za rub. Ser. A 11 no.2:120-121 F '60.
Annotated list of books published in Russian translation by the State Publishing House for Literature on Physics and Mathematics (FIZMATGIZ). Nov. knig. za rub. Ser. A 11 no.1:126-129 Ja '60.
Bibliographical work of the State Public Library of Science and Technology of the U.S.S.R. A.I. Kozhinskii. Sov. bibl. no.6:23-33 '59.
Compilation of bibliographical surveys in the series [illegible] Sov. bibl. [illegible]
[Information bulletin of new foreign books, received by the Lenin Library. [illegible] Physical mathematical, chemical and geological geographical sciences, technical and technological sciences. Technical catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia I. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki. Tekhnicheskie katalogi zarubezhnykh firm. no.15 '60.
[Information bulletin of new foreign books, received by the Lenin Library. [illegible] Physical mathematical, chemical and geological geographical sciences, technical and technological sciences. Technical catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia I. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki. Tekhnicheskie katalogi zarubezhnykh firm. no.16 [illegible] '60.
List of books on the exact sciences received by the All-Union State Library of Foreign Literature (VGBIL) during November and December 1959. Nov. knig. za rub. Ser. A 11 no.1:101-113 Ja '60.
List of books on the exact sciences received by the All-Union State Library of Foreign Literature (VGBIL) during December 1959. Nov. knig. za rub. Ser. A 11 no.2:130-131 F '60.
List of books on the exact sciences received by the State Public Library of Science and Technology in the Siberian Branch of the Academy of Sciences of the U.S.S.R. during November 1959. Nov. knig. za rub. Ser. A 11 no.1:114-119 Ja '60.
List of books on the exact sciences received by the State Public Library of Science and Technology in the Siberian Branch of the Academy of Sciences of the U.S.S.R. during December 1959. Nov. knig. za rub. Ser. A 11 no.2:132-135 F '60.
Mathematics, astronomy, geophysics, physics, chemistry, geology, reviews [of foreign literature]. Nov. knig. za rub. Ser. A 11 no.2:1-119 F '60.
Mathematics, mechanics, astronomy, geophysics, physics, chemistry, geology, reviews [of foreign literature]. Nov. knig. za rub. Ser. A 11 no.1:3-101 Ja '60.
New books. Priroda 49 no.5:120-121 My '60.
News of books. Nov. knig. za rub. Ser. A 11 no.1:104-107 Ja '60.
News of books. Nov. knig. za rub. Ser. A 11 no.2:116-119 F '60.

BIBLIOGRAPHY—SIBERIA—HISTORY

Collection of material on the history of Siberia and the Far East. V. T. TSukanova. Vest. vys. shkoly 18 no. 6: 78-80 Je '60.

BIBLIOGRAPHY—SLAVIC PHILOLOGY

Books by Slavists of the Karl Marx University in Leipzig. E. Eikhler. Izv. AN SSSR. Otd. lit. i iaz. 18 no. 6:566 N-D '59.

BIBLIOGRAPHY—SOCIAL SCIENCES

Defense of dissertations in the Department of Economics, Philosophy, and Law. Vest. AN SSSR 30 no. 5:129-130 My '60.

[Information bulletin of new foreign books, received by the Lenin Library Series 3 Social sciences and belles-lettres] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I. Lenina Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura no 15 '60

[Information bulletin of new foreign books, received by the Lenin Library Series 3 Social sciences and belles-lettres] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I. Lenina Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura nos. 16-18 '60.

BIBLIOGRAPHY—SOIL BIOLOGY

Biology and microbiology of soils. Pochvovedenie no. 1: 116-119 Ja '60

BIBLIOGRAPHY—SOIL CHEMISTRY

Soil chemistry and methods of analysis Pochvovedenie no. 1 116-118 Ja '60.

BIBLIOGRAPHY—SOIL FERTILITY

Soil fertility, fertilizers, and tillage. Pochvovedenie no 1 120-124 Ja '60.

BIBLIOGRAPHY—SOIL FORMATION

Factors in soil formation, genesis and geography of soils. Pochvovedenie no 1 113-115 Ja '60

BIBLIOGRAPHY—SOIL MECHANICS

Book reviews and bibliography. Osn., fund. i mekh. grun. 2 no 1:31-3 of cover '60

BIBLIOGRAPHY—SOIL MICRO-ORGANISMS

Biology and microbiology of soils. Pochvovedenie no. 1 116-119 Ja '60.

BIBLIOGRAPHY—SOIL PHYSICS

Physical properties of soil and methods of research. Pochvovedenie no. 1 115-116 Ja '60

BIBLIOGRAPHY—SOILS

Factors in soil formation, genesis and geography of soils. Pochvovedenie no. 1 113-115 Ja '60.

BIBLIOGRAPHY—SONGS, UKRAINIAN

Recommended repertoire for the ten-day festival of Ukrainian literature and art in Moscow. Sots. kul't. 13 no 1 27 Ja '60.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproduction. Tekh. kino i telev. 4 no 1:88-90 Ja '60

Sound recording and reproduction. Tekh. kino i telev. 4 no. 2:78-81 F '60

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

More livestock products; methodological advice. V. Lozovyi. Sots. kul't 13 no. 1 32-33 Ja '60.

BIBLIOGRAPHY—STRIP MINING

"Transportation in open-pit mining" by M. G. Potapov. Reviewed by M. V. Vasil'ev. Ugol' 35 no. 1,64 Ja '60.

BIBLIOGRAPHY—SUGAR BEETS

Latest from the technical and agricultural literature. Sakh. prom. 34 no. 1:78 Ja '60.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 12:67 D '59.

BIBLIOGRAPHY—TECHNOLOGY

Atomic engineering, mechanical engineering and the technology of the machinery industry, metallurgy, metallography, radio engineering, electronics, automatic control, electrical engineering, heat engineering, mining, construction, production organization, chemical technology, miscellaneous, reviews [of foreign literature]. Nov. knigi za rub. Ser. B 4 no. 1:3-141 Ja '60.

Bibliographical work of the State Public Library of Science and Technology of U S S.R. A I Kachinskii Sov. bibl. no. 6:29-32 '59

Bibliography as an aid to industrial production. M. P. Gastfer. Sov bibl no. 6:10-21 '59.

Defense of dissertations in the Department of Technical Sciences. Vest. AN SSSR 30 no. 5:125-127 My '60.

For unity of methods of compiling bibliographies of engineering and allied sciences E V Ienish. Sov bibl. no 6:36-47 '59.

General technological disciplines, mechanical engineering and the technology of the machinery industry, metallurgy, metallography, radio engineering, electronics, electrical engineering, heat engineering, mining, construction, chemical technology, production organization, aviation, geodesy, miscellaneous; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 4 no. 2: 3-147 F '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm no 15 '60

[Information bulletin of new foreign books, received by the Lenin Library Series 1 Physical-mathematical, chemical and geological-geographical sciences, technology and technological sciences, technological catalogs of foreign firms] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm nos 16-18 '60.

List of books on technology received by the All-Union State Library of Foreign Literature (VGBIL) during December 1959. Nov. knigi za rub. Ser. B 4 no. 2:148-155 F '60.

List of books on technology received by the State Public Library of Science and Technology during December 1959. Nov. knigi za rub. Ser. B 4 no. 2:155-170 F '60.

List of books on technology received by the State Public Library of Science and Technology during October 1959. Nov. knigi za rub. Ser. B 4 no. 1:160-170 Ja '60.

List of books on technology received by the State Public Library of Science and Technology during September 1959. Nov. knigi za rub. Ser. B 4 no. 1:142-159 Ja '60.

New publications. Znan.-sila 35 no. 2:28 F '60.

BIBLIOGRAPHY—TELECOMMUNICATIONS

Books from the Communications Publishing House for 1960 A V. Vasil'ev. Vest. sviazi 20 no 1:31-32 Ja '60.

BIBLIOGRAPHY—TELEMETERING

Literature on magnetic elements of automatic control, telemechanics, and calculating machines for 1958 Avtom. i telem. 21 no. 1. Ja '60 Ja '60.

BIBLIOGRAPHY—TELEVISION

Literature on television engineering to be published in 1960. Tekh kino i telev 4 no 1:94-95 Ja '60.

Television. Tekh. kino i telev. 4 no. 1:84-86 Ja '60.

Television. Tekh. kino i telev. 4 no. 2:82-85 F '60.

BIBLIOGRAPHY—TELEVISION—TRANSMITTERS AND TRANSMISSION

Soviet certificates of inventions for television transmission tubes. Tekh. kino i telev. 4 no. 2 91-92 F '60.

BIBLIOGRAPHY—THEATER

Bookshelf. Teatr 21 no. 2:144 F '60.

BIBLIOGRAPHY—TILLAGE

Soil fertility, fertilizers, and tillage. Pochvovedenie no. 1 120-124 Ja '60.

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE

New books Avt transp. 38 no. 1 63 Ja '60

BIBLIOGRAPHY—UKRAINE

[New books of the Ukrainian S S. R.] Novi knyhy URSR nos. 9-10 My '60

BIBLIOGRAPHY—UKRAINE—HISTORY

Historical studies to be published by the Academy of Sciences of the Ukrainian S. S. R. in 1960. H. A Ben'kevych. Ukr. ist zhur. 4 no 1:153-155 Ja-F '60.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

New books. Sov. Ukr. 9 no. 7:191-192 Jl '59.

New books. Sov. Ukr. 10 no. 1:189-190 Ja '60.

BIBLIOGRAPHY—ULANOVA, GALINA SERGEEVNA, 1910-

G. S. Ulanova. Kal. znam. i pam. dat 5 no. 1:9-11 Ja '60.

BIBLIOGRAPHY—UZBEKISTAN—REVOLUTION, 1917-1921

Books on the history of the Great October Socialist Revolution in Uzbekistan. P. A. Kovalev, M. Kh. Nazarov, A. P. Savitskii. Ist. SSSR no. 1:183-187 Ja-F '60.

BIBLIOGRAPHY—VERNE, JULES, 1828-1905

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Jules Verne, a bio-bibliography] Zhiul' Vern, bio-bibliograficheskii ukazatel'. Izd. 2., ispr. i dop. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 128 p. (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—WATER-SUPPLY ENGINEERING

Annotated list of literature. Vod. i san. tekh no. 2:40-41 F '60

BIBLIOGRAPHY—WOMEN

International Woman's Day. Kal. znam. i pam. dat 5 no. 17-22 Mr '60

BIBLIOGRAPHY—WOOD—CHEMISTRY

From scientific and technical journals. Gidroliz. i le- khim. prom. 13 no. 1:insert '60.

BIBLIOGRAPHY—YOUTH

With the hands of youth V pom. chit no. 14 9-13 '59

BIBLIOGRAPHY (THEORY, METHODS, ETC)

Compilation of bibliographical surveys in the series "Novosti nauki i tekhniki " I. I Reshetinskii Sov bibl. no. 6:48-57 '59

For unity of methods of compiling bibliographies of engineering and allied sciences. E. V. Ienish Sov. bibl no. 6:36-47 '59.

Methods of compiling bibliographies of materials in the Russian language as aids to the study of foreign belles lettres M. I Davydova. Trudy Gos. bibl SSSR 3 61-104 '59

Planning and coordination of bibliographical work of technical libraries. A. V. Kremenetskaia. Sov bibl. no. 6:22-28 '59.

Problems of bibliography at the interprovincial conferenc and seminar of library works in Leningrad I K. Kirpicheva Sov. bibl. no 6:84-91 '59

Wishes of publishers regarding annotated catalogs. N. Terekhova. Raspr. pech. no 1:21 Ja '60

BICYCLOHEPTADIENE

Temperatures of crystallization of bicyclo[2. 2. 1]-2,5-heptadiene, cycloheptatriene, and their mixtures. M. A. Prianishnikova and others. Dokl. AN SSSR 131 no. 4:857-860 Je '60.

BILE

Chromatographic method for studying complex compound in bile components [with summary in English] D I Finko. Vop med khim 6 no. 1:29-33 Ja-F '60

BILE DUCTS

Effect of noradrenalin on Oddi's sphincter tonus. I Kh Pasechnik Farm i toks 22 no 6 519-522 N-D '59

BILETS'KYI, LEONID, 1882-1955

Mandryka, M. I. Leonid Bilets'kyi. Kenora, Ont., Ukrainian Association, "Prosvita," 1957. 23 p. (Ukrains'ka vil'na akademiia nauk. Series Ukrainian scholars. no. 6)
(NN)

BILIARY TRACT—DISEASES

Interrelationship of diseases of the liver and biliary tra with disorder of the condition and function of the femal genitalia [with summary in English]. E. IA. Slavskaia, A. M. Nogaller, M. G., Kartysheva. Sov. med. 24 no. 1:76-71 Ja '60.

BINDING MATERIALS

(see also subdivision under Boguslav District, Kras dar Territory)

Mechanism of binding in molding mixtures. D. S. Vil' Lit. proizv. no. 2:26-27 F '60.

Modern physical and chemical representation of hardening processes in mineral binding materials. E E Segalova, P. A. Rebinder. Stroi mat. 6 no. 1:21-26 Ja

BIOCHEMISTRY

Correlation between the biochemical indices of malt and the weight ratio of germ to endosperm in a barley gra V. A. Zenchenko. Trudy VNIIPP no. 7:25-35 '59.

Ferdman, D. L. [Biochemistry] Biokhimiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 596 p.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry; abstracts nos. [illegible] 16189.] Referativnyi zhurnal: Khimiia; biologicheskaia khimiia no. 11 Je '60.

BIOCHEMISTRY—CONGRESSES

Fifth International Biochemical Congress. Ukr. biokhim. zhur. 31 no. 6:937-941 '59.

Fifth International Congress of Biochemistry. Biokhi 24 no 6:1116-1119 N-D '59.

Problems of biochemistry in the work of the Ninth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists. I. S. Balakhovskii, S. V. Shestakov Vop. med. khim. 6 no. 1:105-109 Ja-F '60.

BIOCLIMATOLOGY

Biometeorology. G. M. Frank and others. Znan.-sila no. 1:25-27 Ja '60.

BIOLOGICAL APPARATUS AND SUPPLIES

Home-made collapsible models for biology. N. V Er Biol. v shkole no. 1:89-90 Ja-F '60.

A new actograph and the method of handling it [with summary in English]. IU. P. IAzan. Zool. zhur. 39 no. 147-150 Ja '60.

New apparatus for the production single layer tissue cultures from trypsin-treated human amniotic membranes and other tissues. A. A Selivanov Vop virus. 2 no. 372-373 N-D '57.

BIOLOGICAL PRODUCTS
Using biological preparations for controlling the falling over of seedlings. N.I.Fedorov, A.P.Kuzelev. Les. khoz. 13 no.2:44-45 F '60.

BIOLOGICAL PRODUCTS—DRYING
Spray drying of biological products [with summaries in English, German, and French]. F.I.Nikitin. Vest. sel'khoz.nauki 5 no.1:54-60 '60.

BIOLOGICAL RESEARCH see subdivision under France

BIOLOGY
Announcement. Zool zhur. 38 no.12:1913 D '59.
In the Department of Biological Sciences. Vest. AN SSSR 30 no.5:44-51 My '60.
Items from foreign biological publications. [illegible] Agrobiologiia no.1:157-158 Ja-F '60.
World of variety. Vokrug sveta no.[illegible]

BIOLOGY—ABSTRACTS
[Biology; abstracts nos. 38072-40114] Referativnyi zhurnal: Biologiia nos.9-10 My '60.

BIOLOGY—AUDIO-VISUAL AIDS
Stepanov, P.P. [Homemade visual aids in biology; from the work practice of No. 7 school in Kaluga] [illegible] nagliadnye posobiia po biologii; iz opyta raboty [illegible] no. 7 g. Kalugi. Moskva, Gos. [illegible] izd-vo M-va prosv. RSFSR, 1959. 157 p.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY
(see also subdivision under Japan)
"Darwin, Darwinism and [illegible] viewed by V.I.[illegible] '60.
Philosophical principles of Lamarck's [illegible] I.I.Prezent. Nauch.dokl.vys.shkoly; [illegible] no.4:91-104 '60.
Through the prism of [illegible] shian' 27 no.1:49-52 Ja '60.

BIOLOGY—STUDY AND TEACHING
Biology contest. M.V.[illegible] Ja-F '60.
Enlivening the teaching of [illegible] shkola 39 no.1:46-51 Ja '60.
Lecture and visual aids [illegible] in biology class [illegible] v shkole no.1:8-13 Ja-F '60.
Means for training in aesthetic [illegible] shkole no.1:6-9 Ja-F '60.
Role of the biology teacher in the aesthetic [illegible] pupils. A.A.[illegible] Ja-F '60.
School biology evenings. [illegible] no.1:46-48 Ja-F '60.
System of skills and habits in [illegible] with the study of biology [illegible] kov. Biol. v shkole no.1:[illegible]

BIOLOGY—TEXTBOOKS
On biology textbooks. M.P.[illegible] no.1:96 Ja-F '60.

BIOLOGY, EXPERIMENTAL
Soft electrode for experimental stimulation of [illegible] located deep in a wound. M.M.[illegible] Pat.fiziol. i eksp.terap. 4 no.1:73-74 Ja-F '60.

BIOMATHEMATICS
Applying the principles of the theory of [illegible] to physiology. N.A.Molok[illegible] Biul.MOIP.Otd.biol. 64 no.6:160-161 N-D '59.
Mathematics and medicine. V.V.Alpat'ev. Biul.MOIP Otd.biol. 64 no.6:163-164 N-D '59.
Use of differential equations in physiology. N.A.Molokov. Biul.MOIP.Otd.biol. 64 no.6:165-166 N-D '59.

BIOMETRY
Mathematical methods in epidemiology. M.I.[illegible] skii. Biul.MOIP.Otd.biol. 64 no.6:164-165 N-D '59.
Use of variation statistics in studying species of the genus Cyrtosplitter. A.I.[illegible] Biul.MOIP Otd. biol. 64 no.6:162 N-D '59.

BIOPHYSICS
Cell investigation by radar. A.[illegible] Priroda 33 no.1:30-34 Ja '60.
Jagadis Chandra Bose as biophysicist. A.V.Lebedinskii. Vop.ist.est.i tekh. no.8:18-25 '59.

BIOXADIAZOLE
Synthesis of bi-1,3,4-oxadiazole. A.P.Grekov, M.S.Solov'eva. Zhur.ob.khim. 30 no.5:1644-1647 My '60.

BIRCH
Dispersal of birch pollen by air. [illegible] '59.
Effect of birch on the productivity of spruce [illegible] V.D.Kozlovskii. Les.khoz. 13 no.2:18-19 F '60.
Flowering of the birch. V.M.[illegible] Priroda 49 no.5:111 My '60.
Vitality of birch seeds during ripening and storage. [illegible] Privalov. Bot.zhur. 45 no.1:148-152 Ja '60.

BIRD PHOTOGRAPHY see Photography of birds

BIRDHOUSES
Make your own bird house. [illegible] no.[illegible] F '60.

BIRDS
(see also subdivision under Altai Range, China)
Collection of birds in [illegible]

BIRDS—ANATOMY
Morphological features of the attachment of feathers in bird wings [with summary in English]. T.I.[illegible] Zool.zhur. 39 no.1:123-137 Ja '60.
Morphological features of the tail structure and new hypothesis on the [illegible] asymmetry in birds [with summary in English]. P.A.[illegible] Zool. zhur. 38 no.12:1847-1863 D '59.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—FOOD
(see also subdivision under [illegible] Kazakhstan [illegible])
Eating [illegible] of forest seeds by birds. V.D.[illegible] 12 no.2:4[illegible] F '60.
Winter [illegible] birds. P.[illegible]

BIRDS—MIGRATION
(see also subdivision under Finland)
[illegible]

BIRDS AS CARRIERS OF DISEASE
[illegible]
[illegible] M.N.[illegible] '59.

BIRDS OF PREY
(see also subdivision under Kazakhstan, Siberia, Western)
[illegible]

BIRTH RATE see subdivision under Moscow

BISMUTH—ANALYSIS
[illegible]

[illegible]
[illegible]

[illegible]
[illegible] M.S.[illegible], N.A.Alexander[illegible] '59.
[illegible] with alkali acetate. N.E.Alexandrovich, [illegible] '59.

BISMUTH-LEAD ALLOYS see Lead-bismuth alloys

BISMUTH TELLURIDE
Energy spectrum of holes in Bi2Te3. [illegible] Fiz. tver. tela 1 no.12:1831-1833 D '59.

BITUMEN
First book on the production of bitumens. K.V.Kostrin. Azerb.neft.khoz. 38 no.10:48 O '59.

BITUMEN—ANALYSIS
Chromatography of the hydrocarbons obtained from the [illegible] '59.
New method for the comparative study of the variation of bitumens and petroleum, based on their luminescent and optical properties. [illegible] '59.

BITYK—MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
Improving machines and equipment. A.Makarov. Mias. ind. SSSR 31 no.1:24-25 '60.
Plant must be enlarged. P.Vasil'ev. Mias.ind.SSSR 31 no.1:23-25 '60.

BIYSK—PACKING HOUSES—EQUIPMENT AND SUPPLIES
Increasing the productive capacities. N.Sterliadkin. Mias.ind.SSSR 31 no.1:30 '60.

BJØRNSON, BJØRNSTJERNE, 1832-1910
Bjørnstjerne Bjørnson. Nina Krymova. Sov.Soiuz no.9:51 '60.

BLACK LEAD see Graphite

BLACK SCAB see Potato wart

BLACK SEA—ALGAE
Effect of [illegible] on the pigment content of some Black Sea algae [with summary in English]. I.E.[illegible] Ukr.bot.zhur. 16 no.6:49-54 '59.

BLACK SEA—ARSENIC
Arsenic in waters of the Black Sea. P.M.[illegible] Trudy MGI 16:167-171 '59.

BLACK SEA—CIRRIPEDIA
Corrosion of stainless steel due to the vital activities of acorn barnacles. I.B.Ulanovskii and others. Dokl.AN SSSR 131 no.4:931-934 Ap '60.
Effect of acorn barnacles on the corrosion of carbon steel. N.I.Tarasov, I.B.Ulanovskii. Dokl.AN SSSR 132 no.3:606-608 My '60.
Effect of barnacle fouling on the corrosion of stainless steel in the Black Sea. K.S.Arbuzova, V.V.Pavlikov. Dokl.AN SSSR 132 no.3:694-697 My '60.

BLACK SEA—COPEPODA
Role of the flagellate Noctiluca miliaris Sur. in the nutrition of Calanus helgolandicus Claus. T.S.Petipa. Dokl AN SSSR 132 no.4:961-963 Je '60.
Seasonal and vertical variation of the biomass of Pseudocalanus elongatus Boeck in the Karadag region of the Black Sea. I.P.Lazareva. Trudy Karad.biol.sta. no.15:3-13 '59.

BLACK SEA—FISHES
Materials on the biology of fishes of the Black Sea in the region of Karadag. A.N.Smirnov. Trudy Karad.biol. sta. no.15:31-109 '59.
Role of the flagellate Noctiluca miliaris Sur. in the nutrition of Calanus helgolandicus Claus. T.S.Petipa. Dokl.AN SSSR 132 no.4:961-963 Je '60.

BLACK SEA—GRAY MULLETS
Feeding of the young of gray mullet in the coastal zone of the Black Sea near Karadag. G.P.Tikhonov. Trudy Karad.biol.sta. no.15:138-140 '59.

BLACK SEA—MARINE FAUNA
Khlebtsova, O.P. [Waves over us] Volny nad nami. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 314 p. (Puteshestviia, prikliucheniia, fantastika)
Smirnov, A.M., and others. [Karadag; popular science studies] Karadag; nauchno-populiarnye ocherki. Kiev, Izd-vo Akad. nauk USSR, 1959. 107 p.

BLACK SEA—MARINE FLORA
Distribution of bottom vegetation in the Karadag region of the Black Sea. F.I.Tronina. Trudy Karad.biol.sta. no.15:107-117 '59.

BLACK SEA—PARASITES
Seasonal and age-induced variability of the parasite fauna of saurel (Trachurus trachurus L.) in the Black Sea. T.P.Pogorel'tseva. Trudy Karad.biol.sta. no.15:100-116 '59.

BLACK SEA—PHOSPHORUS ORGANIC COMPOUNDS
Vertical distribution of organic phosphorus in waters of the Black Sea. I.M.[illegible] Trudy MGI 16:176-181 '59.

BLACK SEA—SULFUR COMPOUNDS
Studying the oxidation of some sulfur compounds in the Black Sea under experimental conditions. V.A.Skopintsev, A.S.Karpov, O.A.Vershinina. Trudy MGI 16:89-111 '59.

BLACK SEA—TIDAL WAVES—1927
Analysis of the tsunamis of 1927 in the Black Sea. Z.K.Grigorash. Trudy MGI 16:[illegible] '59.

BLACK SEA—URANIUM
Forms of the occurrence of uranium in waters of the Black Sea. I.E.Koliadin and others. Dokl.AN SSSR 132 no.4:915-917 Je '60.

BLACK SEA—WINDS
Wind field in the middle altitudes of the troposphere over the Black Sea. D.K.Stavrov. Trudy UkrNIGMI no.19:18-24 '59.

BLACK SEA—ZOOPLANKTON
Pelagic fish eggs in the Black Sea near Karadag. L.S.Oven. Trudy Karad.biol.sta. no.15:13-30 '59.

BLACK SEA REGION—CORDYLINE
Growing cordylines on the Black Sea coast of the Caucasus. K.Sh.Odisharia. Trudy Sukh.bot.sada no.11:399-410 '58.

BLACK SEA REGION - INSCRIPTIONS, GREEK
Materials for the collection of ancient inscriptions from [illegible] and [illegible]. P. O. Karyshkovskii. Vest.drev. ist. no.3:[illegible] '59.

BLACK SEA REGION - LAGOONS
Effect of evaporation, rainfalls, and processes of photosynthesis on the chemical composition of open liman waters. V. M. [illegible]. Gidrokhim. mat. [illegible] 140-151 '59.

BLACKBOARD DRAWING
Time saving aids in blackboard drawing. [illegible]. Geog. v shkole [illegible] no.1:75-76 Ja-F '60.

BLADES
Investigating technological processes of machining and testing the working surfaces of [illegible]. A. [illegible], E. M. [illegible]. Trudy MATI no.40:[illegible] '59.

BLAGOVESHCHENSKII, ANDREI VASIL'EVICH, 1889-
On the 70th birthday of Andrei Vasil'evich Blagoveshchenskii. E. V. Kolobkova, N. A. [illegible]. Biul. MOIP. Otd. biol. 64 no.6:151-155 N-D '59.

BLAST FURNACES
(see also subdivision under Czechoslovakia)
Automatic control in blast furnace processes. I. Rybov. Radio no.1:7-8 Ja '60.
Connection between the [illegible] indices of the physical and mechanical qualities of coke and the operation of the blast furnace. M. Ia. [illegible]. Trudy Inst. tepl. AN URSR no.10:[illegible] '59.
Gas purification in blast furnaces operating at high pressures with an enriched blast. Stal' 20 no.2:[illegible] 160 F '60.
Improving certain units of automatic control and regulation of blast furnaces. N. V. [illegible]. Metallurg 5 no.2:[illegible] F '60.
[illegible]
Making ferromanganese in large blast furnaces [with summary in English]. [illegible], G. I. [illegible]. Stal' 20 no.2:101-104 F '60.
[illegible]
Results of measuring temperatures in the hearth near the cinder notch [with summary in English]. V. K. [illegible]. Stal' 20 no.2:107-110 F '60.
The time required for the repair of blast furnaces can be reduced even more. N. G. [illegible]. Prom. ekon. [illegible]

BLAST FURNACES - BIBLIOGRAPHY see Bibliography - Blast furnaces

BLAST FURNACES - COMBUSTION
[illegible]

BLAST FURNACES - DESIGN AND CONSTRUCTION
[illegible]
Comparing possible methods of air blast feed to the blast furnace. M. P. [illegible]. Trudy Inst. tepl. AN URSR [illegible]

BLAST FURNACES - MODELS
[illegible]

BLASTING
Assonov, V. A., M. M. [illegible], and I. M. [illegible]. [Boring and blasting operations] [illegible]. Moskva, [illegible], 1960. 309 p.
Effect of gravity in excavation by blasting. V. M. [illegible]. Trudy MEI [illegible]
Using mobile boring and blasting stations in highway construction. [illegible]. Avt. dor. 23 no.2:[illegible] F '60.
Verifying the efficiency of short delay blasting in [illegible] removal benches at the [illegible]. O. V. [illegible]. Trudy Inst. gor. dela AN SSSR no.4:[illegible]

BLASTING - CONGRESSES
Coordination conferences on blasting operations. M. N. [illegible]. Ugol' 35 no.2:63 F '60.

BLASTING - SAFETY MEASURES
Improving safety measures in blasting. I. I. [illegible]. [illegible]

BLASTOMYCOSIS see subdivision under Tajikistan

BLEACHING
Bleaching of viscose fiber by sodium chlorite. E. M. Mogilevskii, Z. I. Kozlova. Khim. volok. no.6:25-26 '59.

BLEEDING see Hemorrhage

BLIND - SOCIETIES, ETC.
The fourth congress of the All-Russian Society of the Blind. [illegible] no.1:[illegible] Ja '60.

BLIND FLYING see Instrument flying

BLINOV, LEONID FEDOROVICH, 1901-1959
Leonid Fedorovich Blinov. [illegible] no.1:36 Ja '60.

BLISS, HENRY EVELYN, [illegible]
[illegible]

BLIUMENTAL'-TAMARINA, MARIIA MIKHAILOVNA, 1859-1938
The [illegible] role of M. M. Bliumental'-Tamarina. [illegible] no.2:[illegible]

BLIZZARDS
[illegible]

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921
A. Blok's poem "The twelve." [illegible] no.2:[illegible] '59.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921 - BIBLIOGRAPHY see Bibliography - Blok, Aleksandr Aleksandrovich, 1880-1921

BLOOD
[illegible]

BLOOD - [illegible]
[illegible]

BLOOD - ANALYSIS AND CHEMISTRY
[illegible]

BLOOD - CIRCULATION
Conference on problems of the physiology and pathology of blood circulation. [illegible]. Pat. fiziol. i eksp. terap. 4 no.1:88-90 Ja-F '60.
[illegible]

BLOOD - CIRCULATION, DISORDERS OF
Blood sedimentation reaction in [illegible] patients. [illegible]. Vrach. delo no.12:[illegible] '59.

BLOOD - COAGULATION
[illegible]

[illegible]

BLOOD PRESSURE (Continued)

Effect of changes in the [illegible] and of the [illegible] pressure [with summary in English] [illegible] Biul. eksp. biol. i med. [illegible]

Effect of [illegible] on arterial pressure [illegible] circulation following [illegible] tract. A. M. [illegible] 118 '59.

Influence of [illegible] on [illegible] central nervous [illegible] hypertension [illegible]

Influence of the [illegible] on [illegible] pressure [illegible] changes in the blood [illegible] Kovaleva [illegible]

Level of arterial pressure [illegible] among [illegible]

Occurrence of [illegible] and the influence [illegible] experimental conditions [illegible]

Pulse tonometer [illegible]

Reflex changes [illegible]

Reflex effect of [illegible] Komarov [illegible]

Reflexogenic [illegible] Bolotova [illegible]

BLOOD PRESSURE, HIGH [illegible] Hypertension

BLOOD PROTEINS

Blood proteins [illegible] shown by paper electrophoresis [illegible] Kaz. med. zhur. [illegible]

C-reactive protein in [illegible] myocardial infarct [illegible] English] [illegible] Ja '60.

Changes in the [illegible] of patients suffering [illegible] R. R. [illegible]

Effect of [illegible] protein [illegible] summary in English [illegible]

Electrophoretic [illegible] B. P. [illegible]

Immunoelectrophoretic [illegible] Vasilenko [illegible]

On the effect of [illegible] administered [illegible] plasma [illegible] hormones and [illegible] [with summary in English] [illegible]

Protein fractions [illegible] protein [illegible] Botaeva [illegible]

Protein fractions [illegible] 102 patients [illegible] [with [illegible] Khvalova [illegible]

Protein fractions [illegible] J. Vysnatal [illegible]

Protein fractions [illegible] diseases [with [illegible] S. E. Shapiro [illegible]

Test for determining [illegible] metabolism [illegible] in English] [illegible] Ja '60.

BLOOD SEDIMENTATION

Effect of [illegible] sedimentation rate [with [illegible] blood [illegible]

BLOOD SUGAR

Change in the [illegible] to the blood [illegible] ations [illegible] 159

Conditioned reflex [illegible] (natural, air [illegible] food) with the sugar [illegible] in the blood [illegible] V. A. Tychinin [illegible] 39-43 Ja '60.

[illegible]

Changes in the [illegible] of the caliber and distribution of [illegible] (and [illegible]) in [illegible] [with summary in English] A. S. [illegible] Arkh. anat. [illegible] '59.

[illegible] in the [illegible] of the [illegible] collateral circulation [illegible] Arkh. anat. [illegible]

[illegible]

[illegible] Baltic [illegible]

[illegible]

[illegible] MACHINERY

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] MATERIALS

[illegible]

[illegible] United States

[illegible]

[illegible] after single [illegible]

[illegible] a boiler. [illegible]

[illegible] of a high [illegible]

[illegible]

Device for controlling steam temperature by injecting feed water into superheaters of high and superhigh pressure boilers with natural circulation. I. I. Kordiukov, A. S. Shishkin. Teploenergetika 7 no.[illegible] F '60.

Disturbances and their elimination in the operation of feed installations of Heat and Electric Power Plants. IU. S. Rubinov. Elek. sta. 31 no.1:14-16 Ja '60.

Dobkin, V. M., F. M. Bulgov, and E. P. Fel'dman. [Automatic regulation of heat processes at electric power stations] Avtomaticheskoe regulirovanie teplovykh protsessov na elektrostantsiiakh. Moskva, Gos. energ. izd-vo, 1959. 190 p.

Effect of temperature drop between component parts of a boiler drum on the stresses in it. IU. A. Magnitskii. Teploenergetika 7 no.3:50-[illegible] Mr '60.

Experience in boiler conservation at power plants of the Moscow Regional Power System Administration. Z. A. Chernova, A. V. [illegible]. Teploenergetika 7 no.3:51-54 F '60.

Increase of the heat efficiency of industrial boiler houses. V. V. [illegible], I. I. [illegible]. Prom. energ. 15 no.2:20-[illegible] F '60.

Investigating heat exchange in a combustion chamber with [illegible] superheaters when burning anthracite culm. E. [illegible]. Teploenergetika 7 no.1:10-17 [illegible] '60.

Kondrat'ev, P. I., S. S. Filimonov, and D. A. Khuntalov. [Heat exchange in the combustion chambers of steam boilers] Teploobmen v topochnykh kamerakh parovykh kotlov. Moskva, Izd-vo "Rechnoi transport," 1960. 389 p.

Large gas and fuel oil boiler unit for open air installation. A. A. Parshin, V. I. Brodin, IU. A. Khokhlin. Energomashinostroenie 6 no.1:8-10 Ja '60.

Lining in combustion chambers, their influence on the operation of boilers and simple control methods. N. I. [illegible]. Teploenergetika 7 no.[illegible] Mr '60.

Location of termination of the transition zone of a high-pressure once-through boiler. G. I. [illegible], I. I. [illegible]. Energomashinostroenie 6 no.1:7-10 Ja '60.

New devices and schemes of automatic control for small capacity boilers. N. M. [illegible]. Izv. vys. ucheb. zav.; energ. 2 no.12:[illegible] D '59.

Properties of 2¼% steel at 550° and calculated coefficients for the drums of steam boilers. A. N. Zhuravlev. Energomashinostroenie 6 no.2:37-38 F '60.

[illegible], P. I. [Mobile steam boilers] Peredvizhnye parovye kotly. Izd. 3., perer. Moskva, Gos. energ. izd-vo, 1960. 119 p.

Russia (1917– R.S.F.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Rules for the installation, assembly, and operation of boilers used for heating water to 115°C and for steam boilers having a pressure not above 0.7 atm] Pravila ustroistva, montazha i ekspluatatsii vodogreinykh kotlov dlia nagrevaniia vody do 115°C i parovykh kotlov s davleniem ne svyshe 0, 7 ati. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 61 p.

Selecting the [illegible] of the main boiler set up for an electric power station. V. V. [illegible], E. A. [illegible]. Elek. sta. 31 no.[illegible] '60.

Some peculiarities in the operation of the PK-4-BD once-through boiler operating on high ash fuels. A. I. [illegible]. Energomashinostroenie 6 no.2:21-25 F '60.

Starting [illegible] boiler units after [illegible] V. A. [illegible]. Teploenergetika 7 no.[illegible] F '60.

Thermal conditions of external surfaces enclosing high pressure boilers. V. I. [illegible]. Teploenergetika 7 no.2:[illegible]-44 F '60.

Use of [illegible] analogies for the investigation of [illegible] in boiler [illegible]

Welded shafts of flue gas pumps. I. M. Levin, L. A. [illegible]. Energomashinostroenie 6 no.2:47 F '60.

BOILERS—CLEANING

Experience obtained in flushing [illegible] with acids. V. I. [illegible]. Elek. sta. 31 no.[illegible] '60.

BOILERS—CORROSION

Corrosion of low temperature heating surfaces in steam boilers [illegible] R. I. [illegible], V. I. [illegible]

Corrosion of steam boiler pipes in conditions of temperature variation. D. IA. Kagan, I. P. Zhuravlev. Teploenergetika 7 no.2:60-[illegible] F '60.

BOILERS—HYDRODYNAMICS

Petrov, P. A. [Hydrodynamics of once-through boiler] Gidrodinamika priamotochnogo kotla. Moskva, Gos. energ. izd-vo, 1960. 167 p.

BOILERS—SAFETY MEASURES

Preventing [illegible] corrosion in steam boilers. V. I. [illegible]. Bezop. truda v prom. 4 no.[illegible]:31 F '60.

BOILERS—TECHNOLOGICAL INNOVATIONS

Mechanizing the coal supply and cinder removal in small and middle size boiler rooms. L. M. Kogan, M. I. [illegible]. Mekh. i avtom. proizv. 14 no.2:38-40 F '60.

BOILERS, MARINE

Analyzing basic characteristics of marine power plants. IU. A. Makedon. Trudy NTO sud prom. 8 no. 1·249-261 '58

History of the installation and development of water-tube boilers on river steamers P I Lavrov. Nar z ist tekh no 5 37-53 '59

Ivanov, P. I., and P. A. Sukhorukov. [Technical operation of boiler equipment on ships] Tekhnicheskaia ekspluatatsiia kotel'nogo oborudovaniia morskikh sudov. Moskva, Izd-vo "Morskoi transport," 1960. 129 p.

"Marine steam boilers" by B. Lubochkin Reviewed by G. Lukin Mor. flot 20 no 1 44-45 Ja '60.

BOILERS—SAFETY APPLIANCES

Experience in the use of water-level indicators with high-zirconium glass. V. B. Sertakov. Elek. sta. 31 no. 1: 77-78 Ja '60.

BOLEKHOV DISTRICT—ADMINISTRATIVE REMEDIES

Work experience in the examination of workers' charges and complaints. B. Romanov. Rad. pravo no. 6:58-60 N-D '59.

BOLOKHOVO—BRICKMAKING MACHINERY—ELECTRIC DRIVING

What the elimination of the excessive power of the crusher-roll motor has given us. D. S. Nosov. Stroi. mat. 6 no. 1:16 Ja '60.

BOLSHAYA MURTA DISTRICT (KRASNOYARSK TERRITORY)—MEDICAL RECORDS

Family medical and health passport. B. I. Khanenko. Zdrav. Ros. Feder. 4 no. 3:33-35 Mr '60.

BOLSHEVISM see Communism

BOLTENKO, MIKHAIL FEDOROVICH, 1888-1959

M. F. Boltenko; obituary. P. O. Karyshkovskii. Sov. arkheol. 4 no. 1:323 '60.

BOLTS AND NUTS

High-strength stressed bolts for reinforcing and repairing metal structures. IU. D. Guzevich. Prom. stroi 38 no. 1:40-42 '60.

How to fix anchor bolts. V Fedorov Stroitel' no 2 29 F '60.

BOMBAY, INDIA—DESCRIPTION

The gates of India. Madukant Mehta. Vokrug sveta no. 2·39-41 F '60.

BOMBAY, INDIA—ECONOMIC CONDITIONS

The heart of industrial India [with English summary in insert] S. Komarov Sovr. Vost no. 5·35-37 My '60.

BOMBAY, INDIA—POLITICS AND GOVERNMENT

The heart of industrial India [with English summary in insert]. S. Komarov Sovr Vost no. 5;35-37 My '60

BOMBING, AERIAL

Selecting the timing in case of side pointing of bombers. V. N. Dikarev. [Trudy] MVTU no. 73·82-87 '59.

Zhukov, V. N. [Airplane armament] Oruzhie aviatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 133 p. (Nauchno-populiarnaia biblioteka)

BOMBSIGHTS

Calculating the multiplicity coefficient of mechanisms for side pointing of bombsight. V. N. Dikarev. [Trudy] MVTU no. 73;67-81 '59.

BONCH-BRUEVICH, VLADIMIR DMITRIEVICH, 1873-1955

V. D. Bonch-Bruevich on religion ("Selected works" by V. D. Bonch-Bruevich. Reviewed by L. Mitrokhin). Nauka i rel. no. 1 95-96 Ja '60.

BONE GRAFTING

Closed free bone plastic surgery in experiment. B. N. Boichuk. Ortop., travm. i protez. 20 no. 12;27-32 D '59.

Guide for bone suture. A. G. Ovanesov, A. I. Ovanesov. Ortop., travm. i protez. 20 no. 12;49 D '59.

BONE PRODUCTS—DRYING

Investigating the drying of bones and grist in drum dryers V S. Kol'tsov. Trudy NIKFI no. 2 152-155 '58

BONES

Development of the skeleton of wine during the post-embryonal stage in connection with age and feeding. K. P. Mel'nyk. Dop. UASHN 3 no 1·43-45 Ja-F '60.

"Morphophysiological and pathological changes in the osteoarticular structure of older athletes" by A. I. Kurachenkov. Reviewed by IU. V. Bukin. Teor i prak. fiz. kul'. 23 no. 1:66-68 '60.

BONES—SURGERY

Portable electric bone saw. L. I. Metreveli. Arkh. pat. 21 no. 7;74-75 '59.

BONES—TUMORS

On S. D. Ternovskii and M. V. Volkov's article "Surgical treatment of osteoblastoclastomas in children." V. N. Shtern, N. L. Kadyshes. Ortop., travm. i protez. 20 no. 12·66-67 D '59.

Reply to V. N. Shtern and N. L. Kadyshes' letter. S. D. Ternovskii, M. V. Volkov. Ortop., travm. i protez. 20 no. 12;67 D '59.

Secondary chondrosarcomas. N. I. IAtsenia. Vrach. delo no. 12·1319-1321 D '59.

BONUS SYSTEM

Bonus system for designers needs to be basically improved. T. Rubinshtein. Ekon. stroi. no. 2;53-56 F '60.

New procedure in awarding bonuses to the managerial and engineering personnel of industrial enterprises. IU. Margulis. Otv. na vop. trud no 108 20-23 '59.

New system of bonus awards to the managerial, engineering and technical personnel of the river fleet. I Volchonok. Rech. transp. 19 no. 1 16 Ja '60.

BOOK COLLECTING

"Stories about books" by Nik. Smirnov-Sokol'skii. Reviewed by E. Min. Zvezda no. 12;213 D '59.

BOOK COVERS

Rounding and reinforcing backs of jointed signature blocks. V. F. Khmylko Sbor trud. NIIPOLIGRAFMASH no. 5;190-222 '59.

BOOK DESIGN see subdivision under Great Britain

BOOK EXCHANGES see Exchanges, Literary and scientific

BOOK INDUSTRIES

(see also subdivision under Kiev)

Excursion to a book factory (conclusion). D. Ol'shanskii. IUn. tekh. 4 no. 1:54-58 Ja '60.

BOOKBINDING—EQUIPMENT AND SUPPLIES

Device for the automatic control of thread stitchers. A. Sh. Sumetskii. Sbor. trud. NIIPOLIGRAFMASH no. 5 167-189 '59.

BOOKKEEPERS see Accountants

BOOKMOBILES see subdivision under Kirov

BOOKS

Vsesoiuznaia knizhnaia palata. [The book; studies and papers] Kniga; issledovaniia i materialy; sbornik. Moskva, [With summaries in English.]
Vol. 2. 1960. 428 p.

BOOKS—CONSERVATION AND RESTORATION

Leningrad. Publichnaia biblioteka. [Disinfection and restoration of library materials; a collection of papers] Dezinfektsiia i restavratsiia bibliotechnykh materialov; sbornik rabot. Pod red. D. M. Fliate Leningrad, 1959. 66 p., illus

BOOKS—REVIEWS

Authors and books. Ogonek 38 no. 2·25 Ja '60.

Authors and books Ogonek 38 no 7·16 F '60

Brief book reviews. Novyi mir 35 no. 11:283-285 N '59

Writers and books. Ogonek 38 no. 6·10-11 F '60.

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Moldavia, Sofia)

Book trade in the second year of the seven-year plan. T. Barashkov. Sov. knizh. torg. 12 no. 1;2-4 Ja '60.

Bring books into the service of the new upsurge in agriculture. G. Al'tshul'. Sov. knizh. torg. 12 no. 1;6-9 Ja '60.

Bring the book wealth of the republics to rural readers. D. Kuzovenko. Sov. knizh. torg. 12 no. 28-30 Ja '60

... But here it's still bad. Sov. knizh. torg. 12 no. 1:17 Ja '60.

How we train personnel. K. Kloris. Sov. knizh. torg. 12 no. 1;30-31 Ja '60.

Improve the distribution of trade-union literature. Sov. knizh. torg. 12 no. 1;41 Ja '60.

Information should not be late. V. Boghtskii. Sov. knizh. torg. 12 no. 1;25-26 Ja '60.

Prepare for the conversion to a shorter working-day. A. Liubimov, L. Rabin. Sov. knizh. torg. 12 no. 1;22-23 Ja '60.

Problems in machine accounting. B. Shakhnovskii. Sov. knizh. torg. 12 no. 1,33-34 Ja '60.

Propagandist gets acquainted with books. A. Bureeva. Sov. knizh. torg. 12 no. 1;32-33 Ja '60.

Textbooks for correspondence students. L. Raskin. Sov. knizh. torg. 12 no. 1;18-19 Ja '60.

Training of personnel for the rural book trade. A. Govorov. Sov. knizh. torg. 12 no. 1;11-13 Ja '60.

Voice of experience. Sov. knizh. torg. 12 no. 1;10 Ja '60.

Ways of increasing labor productivity. S. Kopchenov. Sov. knizh. torg. 12 no. 1;24-25 Ja '60.

Where they put vim into their work. Sov. knizh. torg. 12 no. 1;14-17 Ja '60.

BOOKSELLERS' CATALOGS see Catalogs, Booksellers'

BOOKSTORES

Build in Moscow a "House of Agricultural Books." S. Perov. Sov. knizh. torg. 12 no. 1;20 Ja '60.

BOOLEAN FUNCTIONS

Synthesis of logical multiterminal networks. A. D. Zakrevskii. Izv. vys. ucheb. zav.; radiofiz. 2 no. 5; 814-817 '59.

BOOTS AND SHOES

(see also subdivision under Lvov)

Diagram of the pressure of the foot on the sole. IU. I Zybin, S. K. Mukhitdinov. Kozh.-obuv. prom. 2 10-13 F '60.

BORDEAUX REGION—ELECTRIC POWER PLANTS

French electric power plant at Bordeaux with op out of the fundamental equipment S. IA. Belinski Energokhoz za rub no 1 12-19 Ja-F '60.

BORIC ACID

Volatilization of boric acid. IU. M. Kostrikin, V. A. Korovin. Zav. lab. 26 no. 1·60-61 '60.

Volatilization of boric acid from solutions and m Sh. K. Ashratova. Zav. lab. 26 no. 1 59-60 '60.

BORIDES

Determination of boron and borides in certain metals A. T. Pilipenko, L. N. Kugai. Ukr. khim. zhur. 25 no. 6·786-789 '59.

Properties of boride-base materials and other high-melting compounds. K. I. Portnoi. Issl. splav. tsvet. met. no. 2 197-204 '60.

BORING

Alabaster in exploratory drilling. IU. Dem'ianova. N i zhyttia 8 no 4·19 Ap '58.

Assonov, V. A., M. M. Dokuchaev, and I. M. Kukun [Boring and blasting operations] Burovzryvnye rab Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i str materialam, 1960. 406 p.

Comparative analysis of factors in experimental rotary and percussion drilling at the Kirov Apatite Mine. I Baron, M. D. Fugzan, E. I. Markenzon. Izv. Kar. i ko fil. AN SSSR no. 4;124-134 '59.

Determining the optima conditions for power auger hol drilling in Prokop'yevsk deposit rocks. M. K. TSekh Izv. TPI 93·96-103 '58.

Industrial television equipment for investigation of boreholes. A. G. Kondrat'ev, M. I. Lukin. Tekh. kino i telev. 4 no. 2 52-56 F '60.

Prokop'yevsk deposit rock classification by their drillability. M. K. TSekhin. Izv. TPI 93;87-94 '58.

Selecting efficient thermal flows for the jet piercing of rocks. I. M. Panin. Izv. vys. ucheb. zav.; gor. zhur. no. 10:71-75 '59.

Using coreless drilling in prospecting for coal depos M. A. Speranskii. Razved. i okh. nedr 25 no. 11;42- N '59.

Using mobile boring and blasting stations in highway c struction. I Shutyi Avt. dor. 23 no 2;7-8 F '60

Zorin, I. P., and A. M. Storozhenko. [Percussion cab drilling] Udarno-kanatnoe burenie. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960 242 p.

BORING MACHINERY

(see also subdivision under Great Britain; United States)

Behavior of borated surfaces under cone bit impact l V. D. Taran, L. P. Skugorova. Trudy MNI no. 20;145- '57.

Boring machinery for extracting sampels of natural fro zen ground. V. I. Puskov. Osn., fund i mekh grun no. 1;30 '60.

Comparative evaluation of boring machinery equipped with air sinkers. N. U. Turuta, V. D. Legeza. Izv. v ucheb. zav., gor. zhur. no. 4·57-64 '59.

Development of drilling equipment in Russia. IU. O Anisimov Nar z ist tekh no. 5 15-30 '59

Drilling under great pressure drop in the bit opening. A. A. Shamsiev, N. B. Babaev. Azerb. neft. khoz. 38 no. 11:17-18 N '59.

Increasing the wear resistance of air hammer parts of BA-100M boring machine units. I A. Begagoen Tru Inst gor. dela Sib. otd. AN SSSR no 2;205-212 '59

Lavreshin, B. E. [ShBM-2 drilling combine] Prokhodcheskii kombain ShBM-2. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 217 p.

New drilling machine. L. F. Osipovskii. Vest. AN Kazakh. SSR 16 no 1;94 Ja '60.

Optimum carbon content of steel suitable for manufact ing cone bits. V. N. Vinogradov, E. L. Markhasin, O. K Shreiber. Trudy MNI no. 20;165-171 '57.

Removable bore bits. Shakht. stroi 4 no. 2;3 of cover F '60.

Shimchishin, E. F. [Work organization for the erection of drilling rigs and supporting structures; practices of drillers in the Turkmen S. S. R.] Organizatsii truda pri stroitel'stve burovykh; opyt burovikov Turkmenskoi SSR. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 41 p.

Studying the performance of the lower part of a drilling tool in turbodrilling. A. S. Stanishevskii. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 12:25-33 '59.

Truck-mounted motor drill for making pole-foundation holes. Rats. i izobr. predl. v stroi. no. 12;35-37 '59.

Using the phenomena of distortion of borehole cross-sections for the design of mining machines cutters V. I. Elgazin. Izv. vys. ucheb. zav.; gor. zhur. no 5· 53-57 '59.

Using UZTM drilling rigs in hoisting operations. V. V. Sergeev. Razved. i okh. nedr 25 no. 11:34-36 N '59.

BORING MACHINERY--ELECTRIC DRIVING
Some results of investigating power auger drilling for the making of boreholes. [illegible] Izv. vys. ucheb. zav.; gor. zhur. no.4:71-80 '59.

BORING MACHINERY--MAINTENANCE AND REPAIR
New boring bit sharpening machine. [illegible] Vest. mash. 40 no.2:[illegible] '60.

BORING MACHINERY--TESTING
Testing tricone jet bit under complex geological conditions [in Azerbaijani with summary in Russian]. Kh. B. [illegible]zoev, N. N. Mamedov. Azerb. neft. khoz. 38 no.10:[illegible] O '59.

BORISOV--GLASS MANUFACTURE
New kind of glass. I. [illegible] Belarus' 17 [illegible] Ja '60.

BORISOV--OPERATIONS, SURGICAL
Doctor Mardvinau, a sketch. [illegible] Belarus' [illegible] no.1:30-31 Ja '60.

BORODINA KOZ'MINA, TAMARA NIKOLAEVNA, 1899-1959
In memory of T. N. Borodina. Vest. dres. int. no.4:159-160 '59.

BORON
Preparation of elemental boron. T. F. [illegible] Zhur. neorg. khim. 5 no.1:[illegible] Ja '60.
Some characteristics of boron behavior in oil field waters of a producing formation. D. D. Maranov, [illegible] Azerb. neft. khoz. 38 no.10:[illegible] '59.

BORON--ANALYSIS
Determination of boron and borates in certain [illegible] A. T. Pilipenko, [illegible] no.6:780-780 '59.

BOROVSK--STUDENT ACTIVITIES
Meetings devoted to [illegible] [illegible]

BORZHOMI DISTRICT--ROCKS, SEDIMENTARY
Some data on the study of aqueous [illegible] tary rocks of Borzhomi District. [illegible] Soob. AN Gruz. SSR [illegible]

BOSE, JAGADIS CHANDRA, 1858-1937
Centennial of the birth of Jagadis Chandra Bose. A. I. Kozlova. Vop. ist. est. i tekh. no.8:180 '59.
Jagadis Chandra Bose and his research in the field of physics. D. A. Vvedenskii. Vop. ist. est. i tekh. no.8:6-17 '59.
Jagadis Chandra Bose as biophysicist. A. V. [illegible] Vop. ist. est. i tekh. no.8:18-25 '59.
On the centennial of the birth of J. C. Bose; opening address. A. V. Topchiev. Vop. ist. est. i tekh. no.8:3-5 '59.
Work of Jagadis Chandra Bose in the field of plant physiology. P. A. Genkel'. Vop. ist. est. i tekh. no.8:26-32 '59.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOSTANDYK DISTRICT--TEA--OPTICAL PROPERTIES
Effect of shade conditions on the optical properties of leaves of the tea plant in Bostandyk District, [illegible] V. P. Bedenko. Trudy [illegible] 7:158-165 '59.

BOTANICAL CHEMISTRY
New developments in plant [illegible] no.5:53 My '60.

BOTANICAL GARDENS see subdivision under Batumi; Kiev; Leningrad District; Ukraine

BOTANICAL RESEARCH
(see also subdivision under Ukraine)
Improving the method for producing different soil temperatures for plant research. A. I. [illegible], V. K. Kurets. Izv. Kar. i Kol'. fil. AN SSSR no.4:82-87 '59.
Phytotron. [illegible] Priroda no.2:24-35 F '60.

BOTANY
(see also subdivision under Kuper Valley, Tarbagatay Range, Tatra National Park, Tien Shan, Yakutia)
What remains to be done in order to [illegible] [illegible] J. B. Lamarck. [illegible] 39 no.6:[illegible] '59.

BOTANY--CLASSIFICATION
A numerical polyclavis of the plant [illegible] Balkovskii. Bot. zhur. 45 no.1:68-73 Ja '60.

BOTANY--ECOLOGY see subdivision under Katun Valley; Rybinsk Reservoir region, Terek Valley, Volodarskoye

BOTANY--PERIODICALS see subdivision under Bulgaria, Poland

BOTANY--PHYSIOLOGY see Plant physiology

BOTANY, MEDICAL see subdivision under China

BOTKIN, SERGEI PETROVICH, 1832-1889
Contribution of S. P. Botkin to the development of Russian medical journalism. G. I. Murazmik. Zdrav. Ros. Feder. 4 no.1:40-41 Ja '60.
Sergei Petrovich Botkin and the pressing problems of modern medicine. Z. I. Malkin. Kaz. med. zhur. 40 no.6:3-7 N-D '59.

BOTKINA, ALEKSANDRA PAVLOVNA, 1867-1959
In memory of A. P. Botkina. Iskusstvo 22 no.1:76 '59.

BOTRIC, KOJO, 1918-
People and events [illegible] Kojo Botric. Nov. vrem. 18 no.2:[illegible] '60.

BOTULISM
Observations on the production of toxins in the gastrointestinal tract of animals infected orally with a culture of the pathogen of botulism type A. I. M. Shvedov. Zhur. mikrobiol., epid. i immun. 31 no.1:108-111 Ja '60.

BOUNDARY LAYER
Equation of a viscous-plastic fluid flow in a boundary layer on an arbitrary surface. I. M. Astrakhan. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no.2:[illegible] Mr-Ap '60.

BOUNTY (SHIP)
Mutiny on the ship [illegible] no.8:[illegible] Ag '59.

BOXERS--INSURRECTION
The Peking Conference of Representatives, 1900-1901, and imperialist England's struggle to strengthen its position in China. [illegible] Nauch. dokl. vys. shk.; ist. nauki no.4:155-172 '59.

BOXING
(see also subdivision under Uzbekistan)
Gradopolov, K. V. [Training of a boxer, a textbook for boxers and trainers] Trenirovka boksera; posobie dlia [illegible] Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 125 p.

BOZHII, MYKHAILO MYKHAILOVYCH
[illegible] Ukraina no.1:[illegible] Ja '60

BRACLAW see subdivision under [illegible] District

BRACHYPODIA, [illegible] see subdivision under [illegible] Range

BRAIN
Changes in the [illegible] of the human brain due to complex light stimuli. V. [illegible], V. A. Il'yanok. [illegible] 152 no.4:[illegible] Ja '60.
Changes in the [illegible] and glutamine content of the brain in rats after the administration of sodium bromide and after [illegible] poisoning [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no.11:[illegible] N '59.
Cytochemical study of nucleic acids in the brain cells of the rat [illegible] V. I. Kraal'nikova. [illegible] F '60.
Differentiation of conditioned [illegible] following [illegible] removal of the frontal lobes and [illegible] N. A. [illegible] Trudy Inst. fiziol. 8:[illegible] '59.
Effect of ionizing radiation on certain aspects of the [illegible] of the brain. [illegible] V. [illegible] and others. Trudy Inst. fiziol. 8:[illegible] '59.
Effect of partial removal of the hemispheres in early stages of development on visual and auditory conditioned reflexes in chickens [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no.11:22-29 N '59.
Effect of [illegible] and [illegible] on the adrenalin and [illegible] level in the brain of rats [with summary in English]. [illegible] Farm. i toks. 22 no.6:[illegible] N-D '59.
Functions of the reticular formation of the brain stem. A. M. Ivanitskii. Pat. fiziol. i eksp. terap. 4 no.1:76-83 Ja-F '60.
Metabolism of certain phosphorus compounds in different layers of the brain. M. N. Baranov. Trudy Inst. fiziol. 8:[illegible] '59.
Method for experimental investigations of functions of the reticular formation of the brain stem. V. P. Lebedev. [illegible] 46 no.1:[illegible] Ja '60.
Method for intermittent photo stimulation at the rhythm of natural brain potentials registered by electroencephalography. [illegible] V. V. [illegible] Fiziol. zhur. 46 no.1:[illegible] Ja '60.
Morphology and physiology of the reticular formation. [illegible] Fiziol. zhur. 45 no.11:[illegible] N '59.
"New data on the pharmacology of reticular formation and synaptic transmission" collection of articles of the Pharmacology Department of the First Leningrad Medical Institute. Reviewed by K. M. Kovalenkov. Farm. i toks. 22 no.6:570-571 N-D '59.
Pharmacology of atropinlysis "O." [illegible] Haškova, J. Vaneček, [illegible] Farm. i toks. 22 no.6:526-537 N-D '59.
Recent data on the evolution of the phosphorus metabolism of the brain. E. M. Kreps. Trudy Inst. fiziol. 8:[illegible] '59.
Relationship between the sulfhydryl group content and carbohydrate metabolism in the brain of rabbits [with summary in English]. M. Sh. Promyslov, M. S. Morozova. Biul. eksp. biol. i med. 48 no.11:58-61 N '59.
Study of synchronized rhythms in the cortex and the reticular formation of rabbit brain appearing during the orientation reaction. L. A. Novikova, D. A. Farber. Fiziol. zhur. 45 no.11:[illegible] N '59.
Variation in nitrogen metabolism in the brain in cases of liver disorders. N. V. Benedikt, [illegible] Trudy Inst. fiziol. 8:520-528 '59.

BRAIN--ANEMIA
Therapeutic and prophylactic action of prolonged oxygen inhalation combined with narcotics and neuroplegic substances on the course of cerebral anemia [with summary in English]. P. I. Khiylov. Pat. fiziol. i eksp. terap. 4 no.1:59-61 Ja-F '60.

BRAIN--BLOOD SUPPLY
Changes in the blood volume of the brain and in the hemoglobin level of blood in rats acclimatized to chronic hypoxia and in their progeny [with summary in English]. V. I. Voitkevich. [illegible] 46 no.1:78-84 Ja '60.
Characterization of the appearance and spreading of pulse-waves in the cranial cavity [with summary in English]. M. I. Belekhova, A. I. Naumenko. Biul. eksp. biol. i med. 48 no.11:[illegible] N '59

BRAIN--DISEASES
Sudden death in influenza affections of the brain. E. Z. Bronshtein, K. M. Olina. Sud.-med. ekspert. 2 no.4:37-43 O-D '59.

BRAIN--TUMORS
Smirnov, L. I. [Histogenesis, histology, and topography of brain tumors] Gistogenez, gistologiia i topografiia opukholei mozga. Moskva, Gos. izd-vo med. lit-ry, 1959. 617 p.
(DNLM)
Sudden death of a four-year-old girl from a brain tumor. P. G. Kostenko, V. M. Rubin. Sud.-med. ekspert. 2 no.4:50-52 O-D '59.

BRAIN--WOUNDS AND INJURIES
Disability evaluation in cases with late results of brain injury. P. D. Chopik, T. N. Karapina. Zdrav. Belor. 6 no.1:50-51 Ja '60.
Dynamics of changes in the main argentophyllic fibers of the lungs following a mechanical craniocerebral injury. V. M. Maslov. Sud.-med. ekspert. 3 no.1:13-16 Ja-Mr '60.

BRASS--TESTING
Relationship between the shape of the specimens and the mechanical properties of copper and brass. G. M. Volkogon. Zav. lab. 26 no.1:[illegible] '60.

BRASS FOUNDING
Precision casting of brass blades. G. U. Maksimenko, G. I. Chizhikov. Lit. proizv. no.2:[illegible] '60.

BRATSK--RESTAURANTS, LUNCHROOMS, ETC.
Bratsk. I. Uvarova. Obshchestv. pit. no.2:30-31 F '60.

BRATSK HYDROELECTRIC POWER STATION
Lights on the Angara. [illegible] Okhr. truda i sots. strakh. no.1:21-30 Ja '60.
Notes from the Angara. A. Tvardovskii. Novyi mir 35 no.11:131-140 N '59.

BRATSK HYDROELECTRIC POWER STATION--HYDRAULIC TURBINES
Creation of the hydraulic turbine in the Bratsk Hydroelectric Power Station is the result of extended complex research. V. M. Orgo. Energomashinostroenie 6 no.2:6-9 F '60.

BRAZ, IOSIF EMMANUILOVICH, 1873-1936
The story of a portrait. I. E. Braz. Ogonek 38 no.4:22 Ja '60

BRAZIL--DESCRIPTION AND TRAVEL
In Brazil. S. Dorenskii. Kul't. i zhizn' 4 no.1:52-53 '60.

BREAD
(see also subdivision under Kirovograd Province; Krasnodar Territory, Ryazan')
Advice and consultations. Khleb. i kond. prom. 4 no.1:42-44 Ja '60
Baker's yeast as a supplementary source of thiamine in bread. V. G. Parteshko. Gig. i san. 25 no.1:99-100 Ja '60.
In favor of rye bread. A. A. Zav'ialov. Khleb. i kond. prom. 3 no.12:41 D '59.
Koz'mina, N. P. [Biological principles underlying the improvement of grain quality] Biokhimicheskie osnovy uluchsheniia kachestva zerna. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 402 p.

BREAD—BACTERIOLOGY

Effect of some oxidizing substances on the potato disease of bread. A. P. Demchuk. Izv. vys. ucheb. zav., pishch. tekh. no. 6 61-65 '59

BREAM—PARASITES see Parasites—Bream

BREAST

Effect of ovarian hormones on the growth of the mammary epithelium [with summary in English] S S Laguchev Biul. eksp. biol. i med. 48 no 12 103-108 D '59

Regulation of the secretory and motor activity of the mammary gland. I. A Baryshnikov. Trudy Inst. fiziol. 8:358-367 '59.

BREAST—DISEASES

Brucellar mastitis. I. I. Shushkovskii. Kaz. med. zhur. 40 no 6:98 N-D '59

Treating cracked nipples with citral. G. M. Osnos. Sov. med. 24 no. 1:135-136 Ja '60.

BREATHING APPARATUS see Respirators

BRECCIA see subdivision under Tuva Autonomous Province

BRECHT, BERTOLT, 1898-

Brecht's theory of the "epic theater" and his play "Life of Galileo." A. Matiatova. Filol. sbor. no. 2 67-77 '59.

BREDIKHIN, FEDOR ALEKSANDROVICH, 1831-1904

Scientific bonds between F. A. Bredikhin and the major Russian scientists of the last quarter of the 19th century. N. I. Nevskaia. Trudy Inst. ist. est. i tekh. 28 464-476 '59.

BREST, BATTLE OF, 1941

History is the memory of a people ("Heroes of the Brest Fortress" by S S Smirnov Reviewed by F. Svetov) Znamia 30 no 3:215-217 Mr '60

BREST DISTRICT—AGRICULTURAL MUSEUMS

Collective farm past and present. I. Birulia. Kul't.-pros. rab. 20 no. 12:27 D '59.

BREST PROVINCE—CORN (MAIZE)

The queen of Zarech'ye. A. Laznlavy. Rab. i sial. 36 no. 1:2-3 Ja '60.

BREST PROVINCE—MUSEUMS

A museum of local history on a collective farm. N. Bondarets Agitator no. 3:54 F '60.

BREST PROVINCE—PUBLIC HEALTH

Public health system in Brest Province for twenty years S. V. Drazhin, P R Shidlovskii Zdrav Belor 6 no 3 11-13 Mr '60.

BREST PROVINCE—VENEREAL DISEASES—HOSPITALS

Work of the interdistrict skin and venereal disease clinics in Brest Province. I. Kh. Brudner. Zdrav Belor. 5 no. 1 54 Ja '60.

BREWING

Effect of culturing conditions on the activity of brewer's yeasts in bottom fermentation. E. V. Litvinova, L. F. Mileshko. Trudy VNIIPP no. 7:74-81 '59.

Technology of preparation of diatomite material for the filtration of beer. N. V. Leonovich, R. I. Guseva. Trudy VNIIPP no. 7:48-55 '59.

Use of running water after the wetting of barley in the course of brewing. N. V. Novotel'nov, I. S. Ezhov. Izv. vys. ucheb. zav., pishch. tekh. no. 6:37-44 '59.

BREWING INDUSTRY—EQUIPMENT AND SUPPLIES

Increasing the production capacity of the apparatus for mashing and boiling the wort in breweries. I. S. Orlinskii. Trudy VNIIPP no. 7:36-47 '59.

BRICK INDUSTRY see subdivision under Starchenkovskiy District; Ukraine

BRICK INDUSTRY—EQUIPMENT AND SUPPLIES

New designs of box feeders. IU. V. Riazanov. Strol. mat. 6 no. 1:38 Ja '60.

BRICKLAYING see subdivision under Putivil District

BRICKMAKING see subdivision under Romny District; Ukraine

BRICKMAKING MACHINERY

The simplest method for eliminating the air gap between vanes and the working part of the cylinder of the "Kolhospnyi" press. Sil'. bud 7 no. 12:18 D '57.

BRICKMAKING MACHINERY—ELECTRIC DRIVING see subdivision under Bolokhovo

BRICKS—TRANSPORTATION

Improved methods for transporting bricks piled "treelike" on extended trays. Rat. i izobr. predl. v strol. no. 12: 48-51 '59

New building technology. Stroitel' no. 1:20-22 Ja '60.

BRIDGE CIRCUITS

Basic principles of modeling multibridge conversion circuits for direct current transmission A V Stukachev Vest elektroprom 31 no 1 18-21 Ja '60

Design of bridge circuits by the use of the dead-short method [with summary in English]. A. IA. Tolchan. Avtom. i telem. 21 no. 1 82-92 Ja '60.

Dynamo pickup in a bridge circuit. P. A. Ivanov. Izv. vys. ucheb. zav., prib. 2 no. 5 32-41 '59.

Nesterenko, A. D. [Fundamentals for calculating the balancing circuits of electric measuring devices] Osnovy rascheta elektroizmeritel'nykh skhem uravnoveshivaniia. Izd. 2., perer. i dop Kiev, Izd-vo Akad. USSR, 1960. 715 p.

Section bridge circuit for a rectifier K Kachurin Radio no 2 44 F '60

Switching-type phase-sensitive indicator of the semi-equilibrium of bridge circuits. IU. A. Skripnik. Izv. vys. ucheb. zav., prib. 2 no. 5 42-45 '59.

BRIDGE CONSTRUCTION

Natural vibrations and stability of combined systems encountered in bridge construction. Hsieh Tsu-wei. Trudy MIIT no 122.392-406 '59

BRIDGES—DESIGN

Gibshman, M. E., and G. V Kiziriia. [Creep, setting, and local stresses in prestressed reinforced concrete bridge elements] Polzuchest', usadka i mestnye napriazheniia v zhelezobetonnykh predvaritel'no napriazhennykh konstruktsiiakh mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1959 177 p.

Practical application of the method of elastic supports in calculating span structures of girder bridges. V A Rossiiskii Izv vys. ucheb zav.; stroi i arkhit. no 8 38-50 '59

Seminar for designers of the State Institute for the Designing and Planning of Motor Vehicle Repair and Motor Transportation Establishments. N V Kuznetsov Avt. dor 23 no 2:32 F '60

Simplifying methods for calculating hingeless bridge arches for temporary loads. A V Shestakov Izv vys. ucheb zav, stroi. i arkhit. no 8:51-58 '59.

BRIDGES—FOUNDATIONS AND PIERS

Effective foundations for pedestrian bridges B. M. Cherepkov, N M Tutov. Transp stroi 10 no 2 27-28 F '60

Erosion of river channels and the resistance of bridge supports during maximum flood flow E. V Boldakov, I A Ten Avt dor 23 no 2:21-23 F '60

BRIDGES—TRESTLES see Trestles

BRIDGES, ARCHES

Experimental and theoretical investigations of the performance of disk arches. G. M. Vlasov. Izv. vys. ucheb. zav; strol. i arkhit. no. 9:107-114 '59.

BRIDGES, CONCERTE

(see also subdivision under Kiev Province; Yenisey River)

Constructing and using a highway bridge built of reinforced keramzit-concrete I. G Ivanov-Diatlov, D. N. Ageev, M A. Litvinenko. Avt. dor 23 no 2:8-10 F '60

Designing precast concrete slabs covering composed girders for shrinkage. G. I. Pirozhkov. Transp. strol. 9 no. 12:43-44 D '59.

Designs of span structures for bridges and highway viaducts. N. G. Dorofeev. Transp. strol. 9 no. 12:13-15 D '59.

Effect of overhead frame elements on stresses in hingeless arches of reinforced concrete bridges. A. F. Anishchenko, IA. I. Drozd, A. I. Murashko. Sbor. nauch. trud. Bel politekh. inst. no. 70.73-79 '59.

Technical specifications for conducting and inspecting operations in constructing bridges and culverts. E. L. Khlebnikov. Transp. strol. 9 no. 12:40-42 D '59.

Using wire-reinforced slabs in building precast monolithic bridges. N. L. Filimonova. Avt dor. 23 no 2: 12:13 F '60

BRIDGES, WOODEN

Investigating the actual performance of diagonal wooden bridge trusses. IA. I. Drozd. Sbor. nauch. trud. Bel. politekh. inst. no. 70.3-21 '59.

BRINES see subdivision under Kama Valley; Volga Valley

BRIQUETS (FUEL)

Effect of heat treatment and oxidation of coal on the quality of briquets and coke briquets made from it. R. Kh. Gumarov, I. M. Krivoviaz. Dokl. AN Uz. SSR no. 12 24-27 '59

BRNO, CZECHOSLOVAKIA—EXHIBITIONS

From the Brno International Fair. Kozh.-obuv. prom. 2 no. 2:9 F '60

BRNO, CZECHOSLOVAKIA—FAIRS

Czechoslovakian machinery industry at the Brno Fair. N. S. Semin. Biul. tekh.-ekon. inform. no. 1:84-87 '60.

BROACHING MACHINES

Automatic line of broaching machines. A. F. Gorbatsevich. Mekh. i avtom. proizv. 14 no. 2 5-9 F '60

New method for broaching large slit holes. Mod [illegible] rezh. stan no 12 15-50 '59

BROMIDES IN THE BODY

Dynamics of the bromine content of the blood and of the higher nervous activity in hypertension patients following treatment with sodium bromide. L. A. K[illegible] Gig bol no 5:43-52 '58.

BROMINATION

Conducting experiments in the "bromination of benzene." B. E. Sadovnichii, V. S. Nazarova. Khim. v shkole 15 no. 1:70-71 Ja-F '60.

Conjugated systems. Part 118 Order of the addition of bromine to vinylacetylene ketones. L. P. Chelpanova and others. Zhur. ob. khim. 30 no. 5:1445-1450 My '60.

BROMINE—ISOTOPES

Secondary reactions of the recoil atoms bromine-82 and bromine-80m in bromomethanes. A. N. Nesmeianov and others. Radiokhimiia 1 no. 6:717-719 '59.

BROMIUM

Distribution of bromium in the rock salt of the Angara-Lena Salt Basin and the possibility of potassium salt detection [with summary in English]. V. S. O[illegible] Geokhimiia no. 8:721-726 '59.

BRONZE—HEAT TREATMENT

Effect of heat treatment on the properties and structure of beryllium bronze. A. G Rakhshtadt and others. Metalloved. i term obr met no. 2:20-31 F '60

BRONZE AGE see subdivision under Europe, Eastern; Oskol; Oskov Valley; Tli

BRONZE FOUNDING

Founding bronze worm gearing with cast cogs and steel spider. P. V. Kievitskii. Lit. proizv. no. 2:10 F '60.

BROOKHAVEN, NEW YORK—SYNCHROTRON

Geodetic measurements in installing the Brookhaven synchrotron. (U.S.A.) M.S. Cheremisin. Geod. i kart. no. 12 59-63 D '59.

BRUCELLOSIS

Brucellar mastitis. I. I. Shushkovskii. Kaz. med. zhur. 40 no. 6:98 N-D '59

"Brucellosis: pathogenesis, clinical aspects, and treatment" by M. R. Nazirov, D. G. Babaev. Reviewed by D. M. Abdullaev. Azerb. med. zhur. no. 2:77-79 F '60.

BRUNO, GIORDANO, 1548-1600—BIBLIOGRAPHY see Bibliography—Bruno, Giordano, 1548-1600

BRUSSELS—DESCRIPTION

Sarkizov-Serazini, I. M. [In Brussels; travel notes] V Briussele; putevye zametki. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 78 p.

BRUSSELS—EXHIBITIONS

To the World Fair. P. Rozenko. Nauka i zhyttia 8 no. 4 9-13 Ap '58.

BRYANSK—CANNING AND PRESERVING

Organizing the canning and preserving in district food combines. G. P. Sushchenko, V. S. Kul'ba Kons. i ov. prom 15 no. 1.36 Ja '60.

BRYANSK—GLIDING AND SOARING

My first record. M. Simonov. Kryl. rod. 11 no. 1:9 Ja '60.

BRYANSK PROVINCE—PUBLIC HEALTH

Status of the public health system in Bryansk Province. R. A. Lebedeva. Zdrav. Ros. Feder. 4 no. 3:42 Mr '60.

BRYANSK PROVINCE—SHOE INDUSTRY

Customers approve the new shoe models. M. Sterlin. Prom. koop. 14 no. 1:20-21 Ja '60.

BRYUKHOVETSKAYA DISTRICT—FARM MECHANIZATION

The ranks of machinery operators are increasing. M. Kudin. Mol. komm. no. 1:44-45 Ja '60.

BUBBLES

The effect of suspended matter on the stability of elementary foam and carry-over of moisture. V. G. Gleim, I. K. Shelomov, B. R. Shidlovskii. Teploenergetika 7 no. 3:17-20 Mr '60.

Studying the bubble layer by a gamma-ray radiographic examination method IA. G Vinokur, V. V Dil'man Khim. prom. no. 7 610-621 O-N '59

BUCKWHEAT see subdivision under Ukraine

BUCKWHEAT—DRYING

Influence of the temperature of drying on the culinary properties of dried rice and buckwheat A M Prokof'eva, E. I. Mikhailovskaia Kons. i ov. prom 15 no 1 23-24 Ja '60.

BUDAPEST—CALCULATING MACHINES—EXHIBITIONS
International exhibition of devices for the mechanization of administrative operations. Bukhg.uchet [illegible] no.[illegible] 74-76 Mr '60.

BUDAPEST—DESCRIPTION
Budapest will be even more beautiful. IA.[illegible] Ogonek 38 no.7:[illegible] '60.

BUDAPEST—FRUIT JUICES
Testing a wetted wall evaporator under operational plant conditions. M.[illegible] P.[illegible] [illegible] 15 no.1:37-41 Ja '60.

BUDGET
(see also subdivision under Kazakhstan; Latvia)
Bogachevskii, M.B. [Budget of a capitalistic country] Biudzhet kapitalisticheskogo gosudarstva. Moskva, Gosfinizdat, 1960. 104 p.
State budget and accumulation of [illegible] 36 no.12:1-11 [illegible].

BUILDING
(see also subdivision under Gorkiy; Moscow; [illegible])
Building a tool shed. [illegible] 31 no.4:51 '60.
Barlakov, G.B., and others. [For the young builder; a textbook] Iunomu stroiteliu; posobie dlia uchashchikhsia. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 203 p. (Politekhnicheskaia biblioteka shkol'nika)
Kariotskii, M.I., and others. [Handbook for collective farm construction foremen] Spravochnik [illegible] desiatnika stroitelia. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 524 p.
My suggestions. A. Pivanov. Stroitel' no.1:25-26 Ja '60.
Practices in foreign countries. Zhil. stroi. no.[illegible] F '60.
What's new in building technology. Zhil. stroi. no.1:3 of cover Ja '60.
Zorin, P.A., B.V. Krylov, and P.I. Martynov. [Handbook for rural builders; building materials, details and construction elements] V pomoshch' sel'skomu stroiteliu; stroitel'nye materialy, detali i konstruktsii. [Moskva] Mosk. rabochii, 1959. 478 p.

BUILDING—ACCIDENTS
What we learned from an accident. N. Kovalev. Zhil.stroi. no.1:18-20 Ja '60.

BUILDING—ACCOUNTING see subdivision under Moldavia

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER OPERATIONS
(see also subdivision under [illegible])
Changes and additions to standardized construction factors and time norms and estimates for building and assembling operations to be carried out under winter conditions. Biul.stroi.tekh. 17 no.2:22-26 F '60.
Do not stop building in winter. [illegible] Sil'. bud. 7 no.12:8 D '57.
Houses are built in periods of [illegible] 35 no.2:1 [illegible] '60.

BUILDING—CONGRESSES
Cooperation of socialist countries in the field of construction economics. Ekon.stroi. [illegible]
First Congress of the International Building [illegible] Biul.stroi.tekh. 17 no.1:33-34 Ja '60.
First Congress of the International Council for Building Documentation. V.A.Balanov, A.B.[illegible] no.1:63-64 '60.
[Reports and communications at the All-Union Conference on building] Vsesoiuznoe soveshchanie po stroitel'stvu, 3d, Moscow, 1958. Doklady i soobshcheniia. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1958. 359 p.
([illegible])

BUILDING—CONTRACTS AND SPECIFICATIONS
Answers to readers' questions. [illegible] 5 no.3:57-58 [illegible] '60.
Basic work results of construction organizations [illegible] Ekon.stroi. no.2:38-42 F '60.
Changes in §20 of "Regulations for [illegible] planning and research [illegible]" [illegible] 17 no.3:30 Mr '60.

BUILDING—ESTIMATES
Additions and changes introduced in the "Handbook of consolidated cost indexes of planning and research work." Biul.stroi.tekh. 17 no.2:14-21 F '60.
Answers to readers' questions. [illegible] no.2:60 F '60.
Changes and additions to standardized construction factors and time norms and estimates for building and assembling operations to be carried out under winter conditions. Biul.stroi.tekh. 17 no.2:22-26 F '60.
Dependence of the [illegible] width and plans of [illegible] A.P. Grinin. Sbor.nauch.trud.Bel.politekh.inst. no.[illegible]:144-148 '59.
For what types of structures are the estimates for drawing cost necessary. Ekon.stroi. no.1:58 [illegible] '60.
Instruction for determining additional expenses connected with building and assembling operations under winter conditions in settling consolidated accounts. Biul.stroi.tekh. 17 no.3:39-[illegible] Mr '60.
Instructions for using the "Handbook of consolidated cost indexes of planning and research work." Biul.stroi.tekh. 17 no.2:20-30 F '60.
Petrov, I.A. [Setting up production standards and making estimates in construction] Tekhnicheskoe normirovanie i smety v stroitel'stve. Izd.3., perer. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 387 p.
[illegible] possibilities for economizing in planning. Ekon.stroi. no.1:[illegible] Ja '60.
Standard estimates for prefabricated apartment houses. [illegible] Ekon.stroi. no.2:[illegible] F '60.
There should be published a collection of statutes and instructions on drawing up estimates. V. Zhuk. Ekon.stroi. no.2:[illegible] F '60.

BUILDING—EXHIBITIONS
Mobile building exhibition. I. Zil'berman. NTO 2 no.1:59 [illegible] '60.

BUILDING—PERIODICALS
"Stroitel'" in the second year of the seven-year plan. Stroitel' no.1:[illegible] '60.

BUILDING—PRICES
Make fuller use of the advantages of construction accounts [illegible] Ekon.stroi. no.2:51-61 F '60.
Prospective introduction of scheduled costs for construction projects. Biul.stroi.tekh. 17 no.1:3-[illegible] Ja '60.

BUILDING—STANDARDS
Plan for promoting standardization in the construction industry in 1960. Standartizatsiia 24 no.2:1-5 F '60.

BUILDING—TOOLS AND IMPLEMENTS
(see also subdivision under Hungary)
Equipment for assembling vibrated brick-panel houses. B. [illegible] Zhil.stroi. no.1:10-11 Ja '60.
New tools and [illegible] Stroitel' no.2:24-25 F '60.
[illegible], I.S., and V.A. Ivanov. [Building tools; a manual] Stroitel'nyi instrument; spravochnoe posobie. Kiev, Gos. izd-vo lit-ry po stroitel'stvu i arkhitekture USSR, 1960. 131 p.

BUILDING, ADOBE
[illegible] V. [illegible] Zhil. stroi. no.2:17-[illegible] '60.

BUILDING, FIREPROOF
Mashinoeksport, Vsesoiuznoe ob"edinenie. [Reference catalog] Katalog-spravochnik. Moskva.
Vol. 23 [Equipment for producing building materials, cement and glass] Oborudovanie dlia proizvodstva stroitel'nykh materialov, tsementa i stekla.
Pt. 2. [Equipment for making fireproof materials] Oborudovanie dlia proizvodstva ogneupornykh izdelii. [n.d.] 109 p., illus.

BUILDING, IRON AND STEEL
Analysis of the performance of construction elements of industrial buildings. A.A. Rat'. Prom.stroi. 38 no.1:42-44 '60.
Methods for increasing the bearing capacity of steel construction elements in steel smelting shops. G.A. Shapiro. Prom.stroi. 38 no.2:48-49 '60.
Russia (1917- R.S.F.S.R.) Ministerstvo stroitel'stva. [illegible] kniga. [Manual on practical building] Spravochnik [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Vol.9. [Erecting steel structures] Montazh stal'nykh konstruktsii. Izd.2., perer. i dop. Pod red. B.A. Mokhova. 1959. 790 p.
Stress analysis of steel construction elements. A.A. Rat', [illegible] Vest.mashin. 40 no.2:11-17 F '60.

BUILDING, BRICK
Experimental investigation of the adhesion of mortars to pumice concrete blocks [In Georgian with summary in Russian]. G.A. Dabikashvili. Trudy Inst.stroi.dela AN Gruz.SSR. 7:183-197 '59.
Factory finished wall panels and blocks. V.A. Khmelevskii. Stroi.mat. 6 no.1:34-38 Ja '60.
Houses built of vibrated brick panels. Zhil.stroi. no.2 [illegible] F '60.
Thin-walled vibrated brick panels. [illegible] no.11:30-31 '59.
Using asbestos cement in facing brick blocks. A. Bel'skii, [illegible] V. Kulin. Sbor.nauch.trud.Bel.politekh.inst. no.[illegible]:145-[illegible] '59.
Using assembly-line methods in making vibrated brick panels. M. Morozov, I. Lagun, B. Gorelik. Stroitel' no.1:22 Ja '60.

BUILDING GUARDS see Watchmen

BUILDING LAWS
Gazitanis, L.I. [Lawsuits concerning buildings of private persons] Spory o stroeniiakh, prinadlezhashchikh grazhdanam na prave lichnoi sobstvennosti. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 100 p.
Legal determination that the management of buildings is bad. M. Shishenko. Sots.zakon. 27 no.3:36-40 Mr '60.

BUILDING MACHINERY
(see also subdivision under Moldavia; Moscow; Poland; Saratov; United States)
Abstracts of articles from foreign periodicals. Stroi.i dor. mashinostr. 5 no.1:40 Ja '60.
"Building and road machinery in agriculture." Reviewed by S. Gusein-Zade. Sel'.mekh. no.2:42 '60.
Determining the standard of mechanization of building operations. M.I. Kriukova. Mekh.stroi. 16 no.11:6-8 N '59.
Forty-second anniversary of the Great October Socialist Revolution. Mekh.stroi. 16 no.11:1-3 N '59.
Improve the quality of road and building machinery manufacture to meet new demands. Stroi.i dor. mashinostr. 5 no.1:1-6 Ja '60.
In economic councils. Stroi.i dor. mashinostr. 5 no.1:37-39 Ja '60.
New building machinery. Stroitel' no.1:29 Ja '60.
New building machinery. Stroitel' no.2:27 F '60.
Over-all mechanization of construction. A.S. Fidelov. Izv.vys.ucheb.zav.; stroi.i arkhit. no.6:23-33 '60.
Popov, S.A. [Designing aluminum alloy structures and machinery] Proektirovanie inzhenernykh konstruktsii iz aliuminievykh splavov. Pod red. G.K. Evgrafova. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 203 p.
Some problems in the mechanization of construction (small-scale mechanization). I.I. [illegible] Sbor.nauch.trud.Bel.politekh.inst. no.70:11-56 '59.

BUILDING MATERIALS
(see also subdivision under Cherkassy Province; Dnepropetrovsk Province; Kazakhstan; Kirovgrad Province; Transcaucasia; Ukraine)
Broad range of scientific problems. A.V. Zhukov. Stroi. mat. 6 no.1:28-30 Ja '60.
Il'in, IA.M. [Establishing standards for material consumption and methods for saving materials in the construction industry] Normirovanie raskhoda i puti ekonomii materialov v stroitel'stve. IAroslavl', TSentr.biuro tekhn.informatsii, 1959. 45 p.
Monolithic walls with slitlike cavities. P. Studentsov. Zhil.stroi. no.2:16-17 F '60.
New materials and products. Stroitel' no.1:28 Ja '60.
Producing new materials and working out progressive technological solutions. V.V. [illegible], S.V. Papartopulo. Stroi.mat. 6 no.1:27-28 Ja '60.
Reference manual on the equipment for manufacturing building materials. V.A. [illegible] Mekh.stroi. 16 no.11:31-33 N '59.
Silicocalcite, the new building materials. H. Holovanivs'kyi. Sil'.bud. 7 no.12:4 D '57.
Use of plastic materials in building. B. [illegible], I. [illegible] Nauka i zhyttia 9 no.[illegible] 15 N '59.

BUILDING MATERIALS—CATALOGS
Mashinoeksport, Vsesoiuznoe ob"edinenie. [Reference catalog] Katalog-spravochnik. Moskva.
Vol. 23 [Equipment for producing building materials, cement and glass] Oborudovanie dlia proizvodstva stroitel'nykh materialov tsementa i stekla.
Pt. 2. [Equipment for making fireproof materials] Oborudovanie dlia proizvodstva ogneupornykh izdelii. [n.d.] 109 p., illus.

BUILDING MATERIALS—TESTING
Goncharov, I.G. [Strength of masonry materials under various stresses] Prochnost' kamennykh materialov v usloviiakh razlichnykh napriazhennykh sostoianii. Pod red. P.D. Evdokimova. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 122 p.
Methods for investigating the strength and durability of stone materials. Z.A. [illegible], M.G. [illegible] Zav.lab. 26 no.1:99-100 '60.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Leningrad; Pavlovsk; Leningrad Province; Ufa)
Experience in and possibilities of efficient utilization of electric power. V.N. Arvaniti. Stroi.mat. 6 no.1:14-16 Ja '60.
Main trends of the plan for introducing new technology in 1960. Stroi.mat. 6 no.1:1-3 Ja '60.
Rozentel'd, Sh.I. [Expansion and distribution of the building materials industry of the U.S.S.R.] Razvitie i razmeshchenie promyshlennosti stroitel'nykh materialov SSSR. Moskva, Gosplanizdat, 1960. 180 p.
Standard designs of plants and shops for producing efficient building products. V.G. Sedov. Stroi.mat. 6 no.1:32-33 Ja '60.

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Moscow, Pavlovsk, Leningrad Province

BUILDING RESEARCH
(see also subdivision under Leningrad)

Basic objectives of the most important research and experimental work to be carried out in 1960. Biul.stroi. tekh. 17 no.2:8-10 F '60.

Plan for the research, planning, and experimental work connected with the introduction of new machinery in construction in 1960 Biul stroi.tekh 17 no.3;7-11 Mr '60.

BUILDING SITES

Lesenko, A. N. [Simplest methods for surveying building areas and locating structures on building sites] Prosteishie sposoby s''emki ploshchadok pod stroitel'stvo i razbivki stroeniia na mestnosti. Izd.2., dop.i perer. Kiev, Gos.izd-vo lit-ry po stroit., arkhit. i arkhit. USSR, 1959. 111 p.

BUILDING STONES—TRANSPORTATION

Using containers in constructing harbors D I Sadovskii Transp stroi 10 no 2 34-36 F '60

BUILDING TRADES see subdivision under Kiev

BUILDING TRADES—STUDY AND TEACHING
(see also subdivision under Nikolayev Province)

The people's university is a source of knowledge Stroitel' no 2 20-21 F '60.

BUILDINGS, PREFABRICATED

Lay-out for over-all mechanization in the assembly of dwellings and industrial railroad buildings from prefabricated room units M.V Kokin Trudy MIIT no 122 254-280 '59.

BUILT-IN FURNITURE

Convenient and inexpensive. L.Aleksandrova. Obshchestv. pit. no.1;6-8 Ja '60.

BUKHARA—ARCHITECTURE

Museum city. S.IUrenev. Sov.Soiuz no.3·34 '60.

BUKHARA—MINIATURE PAINTING, PERSIAN

Bukhara miniatures of the 16th century in manuscripts by Jami. G Pugachenkova. Iskusstvo 22 no.5 71-74 '59.

BUKHIRED, DZHAMILY

Arnaud, G., and J.Verges. [In defense of Dzhamily Bukhired. Translated from the French. Preface by I.Biriukov] V zashchitu Dzhamily Bukhired. Moskva, Izd-vo sots.-ekon.lit-ry, 1959. 53 p.

BULDYM REGION—MICA

Preservability of argon in micas [with summary in English]. L.N.Ovchinnikov and others. Geokhimiia no.8: 704-710 '59.

BULGARIA—AGRICULTURE, COOPERATIVE

A disciple of the Communist Youth League. B.Mozdukhov. Mol.komm. no.1 104-108 Ja '60.

BULGARIA—BOTANY—PERIODICALS

"Izvestiia" of the Botanical Institute [of Bulgaria] for 1950-1951, 1953, 1955-1956, 1958. H.I.Bilyk. Ukr. bot.zhur. 16 no.6;110-113 '59.

BULGARIA—BYZANTINE STUDIES

Historical studies of the Byzantine Empire and medieval Bulgaria in the Bulgarian People's Republic, 1954-1957. P.Tivchev. Viz.vrem. 16:300-307 '59.

BULGARIA—CHEMICAL INDUSTRIES

Development of chemical industry in the Bulgarian People's Republic N Videnov Khim prom no 7 640-642 O-N '59

BULGARIA—COMMUNIST YOUTH

A disciple of the Communist Youth League. B.Mozdukhov. Mol.komm. no.1 104-108 Ja '60.

BULGARIA—CULTURE

Achievements of the cultural revolution in Bulgaria. Blok. agit. [Bel.] no.27;37-44 S '59.

BULGARIA—ECONOMIC CONDITIONS

The Bulgarian People's Republic. Agitator no.2;13-14 Ja '60.

BULGARIA—ECONOMIC POLICY

Reorganization of the administration of the Bulgarian national economy. V.Savost'ianov. Biul.nauch.inform.: trud i zar.plata no.11;52-55 '59

BULGARIA—FARM BUILDINGS

Rural construction in the Bulgarian People's Republic. V.Moshchit' Sil'.bud 7 no 12'15-17 D '57

BULGARIA—FIRE PREVENTION—STUDY AND TEACHING

Fire prevention week in Bulgaria. Pozh.delo 6 no.1;31 Ja '60.

BULGARIA—FOXES

"The fox in Bulgaria" [in Bulgarian] by Neno Atanasov. Reviewed by A.F.Chirkova. Zool.zhur. 39 no.1: 153-155 Ja '60.

BULGARIA—GRAPES—VARIETIES

Climatic and soil conditions and cultivation practices for growing Bolgar grapes in northern Bulgaria M.D. Penkov. Agrobiologiia no.1 109-113 Ja-F '60.

BULGARIA—HISTORY—STUDY AND TEACHING

Historical studies of the Byzantine Empire and medieval Bulgaria in the Bulgarian People's Republic, 1954-1957. P.Tivchev. Viz.vrem 16:300-307 '59.

BULGARIA—MINE HAULAGE—EQUIPMENT AND SUPPLIES

From the history of the mechanization of underground transportation in Bulgarian coal mines. D.Minchev, Kh.Ivanov. Ugol' 35 no.2·50-51 F '60.

BULGARIA—MINES AND MINERAL RESOURCES

Mineral resources in Bulgaria. A.G.Delchev, S.N. Tonev. Razved.i okh.nedr 25 no.11;60-63 N '59.

BULGARIA—ORE DRESSING

Dressing nonferrous metal ores in Bulgaria. G.P.Slavnin. Biul tekh.-ekon.inform. no 1 77-81 '60.

BULGARIA—ORTHODOX EASTERN CHURCH—PERIODICALS

Review of the TS"rkoven vestnik, nos.1-6, 1960. E.Karmanov. Zhur.Mosk.Patr. no 4'76-80 Ap '60.

BULGARIA—POLIOMYELITIS

Diffusion of poliomyelitis in Bulgaria [with summary in English] S.Rangelova-Dimitrova Vop virus. 2 no 6: 359-362 N-D '57

BULGARIA—TEACHERS

The Great October Socialist Revolution and the teachers of people's Bulgaria. I.Nikolov. Sov.pedag. 24 no.2 93-102 F '60.

BULGARIA—TEXTILE INDUSTRY

Expansion of the Bulgarian textile industry. I Nedev. Tekst prom. 20 no 1 87-88 Ja '60

BULGARIA—TITLES OF HONOR AND NOBILITY

Concerning the medieval titles "Sevast" and "Protosevast" in the Bulgarian state. P.Kh.Petrov. Viz.vrem. 16' 52-64 '59.

BULGARIA—RELIGION AND STATE

Freedom of conscience in the people's Bulgaria. M. E. Dobruskin. Ezhegod Muz.ist.rel.i ateiz. 3:305-316 '59.

BULGARIAN POETRY—HISTORY AND CRITICISM

Three collections—three poets. N.Glen. Inostr.lit. no.12·253-254 D '59.

BULLDOZERS

Methods for determining basic parameters of bulldozer dumping. V.I.Balovnev. Stroi i dor mashinostr. 5 no.1·20-25 Ja '60

Modernization of mounted bulldozers M Bogdarin Sel' mekh no 1 19 '60

New types of bulldozers for the mechanization of peat winning and road construction results of their testing. A.V.Fridrikh. Sbor.nauch.trud.Bel.politekh.inst. no.65·171-182 '59.

BUNT (DISEASE OF WHEAT) see Smuts

BUONACCORSI, FILIPPO, 1437-1496

Filippo Buonaccorsi (Callimaco), Italian freethinker of the 15th century. M.A.Gukovskii. Ezhegod.Muz.ist. rel.i ateiz. 3 62-77 '59.

BUPRESTIDAE see subdivision under Soviet Central Asia

BURDICK, EUGENE

The controversy over "The ugly American." Inostr.lit. no.12:215-216 D '59.

BURMA—ECONOMIC CONDITIONS

In Burma; travel notes. Vl.Sosnov. Novyi mir 35 no.11:166-213 N '59.

BURMA—FOREIGN RELATIONS—CHINA

Triumph of the Pancha Shila principles. Nov.vrem. 18 no.7·21 F '60

BURMA—TRADE UNIONS

Trade union problems in Burma; interview. Nov.vrem. 18 no 22·14-15 My '60

BURNERS

Experimental investigation of the mixing of streams in transverse flow I I. Chernobyl'skii, G.M.Shchegolev. Trudy Inst tepl.AN URSR no.7;8-20 '52.

BURNS AND SCALDS

Biochemical changes in shock produced by combined effects of burn trauma and total-body irradiation [with summary in English]. D.A.Golubentsev, N.A.Shevyreva. Pat.fiziol.i eksp.terap. 4 no.1·14-19 Ja-F '60.

Cytological examination of a burned surface. B.P.IAshvili. Soob.AN Gruz.SSR 23 no.4·493-500 O '59.

BURYAT-MONGOLIA—COMMUNIST PARTY OF THE SOVIET UNION

Kommunisticheskaia partiia Sovetskogo Soiuza. Buriatskii oblastnoi komitet. Partiinyi arkhiv. [History of the party organization in the Buryat A.S.S.R., a collection of articles] Iz istorii partiinoi organizatsii Buriatii, sbornik statei. Ulan-Ude, Buriatskoe knizhnoe izd-vo,
Vol.1. 1959.
(MH)

BURYAT-MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA

[Three hundred years of unbroken friendship; a collection of articles] 300 let nerushimoi druzhby, sbornik statei. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 146 p.
(DS)

BURYATS

Tugutov, I.E. [Buryat material culture; ethnological study] Material'naia kul'tura buriat, etnograficheskoe issledovanie. Ulan-Ude, Buriatskii kompleksnyi nauchno-issl. in-t, 1958. 213 p.

BUSCH, ERNST

On guard. G.Shneerson. Sov.muz. 24 no.2 177-179 F '60

BUSINESS CYCLES

Haberler, G. [Prosperity and depression; theoretical analysis of cyclidal movements. Translated from the English] Protsvetanie i depresiia, teoreticheskii analiz tsiklicheskikh kolebanii. Red. F.A.Khabinskaia, Moskva, Izd-vo inostr. lit-ry, 1960. 586 p.

BUSINESS EDUCATION

Academic work of the departments of accounting and analysis of economic operations S Tatur. Bukhg. uchet 18 no.12;12-19 D '59.

BUSINESS TURNOVER see Turnover (Business)

BUSLAEV, ALEKSANDR

Lions in the arena. Aleksandr Buslaev. Zvezda no.12 171-185 D '59.

BUTADIENE

Copolymerization of styrene oxide with butadiene F.G Ponomarev, A.F.Troitskii, V P.Shatalov Zhur. prikl khim 33 no 1;254-256 Ja '60.

BUTENE

Boron fluoride as a catalyst in organic chemistry. Part 14: Alkylation of toluene and ethylbenzene by pseud butylene. S.V.Zavgorodnii, T G Fedoseeva, A IA.Sh makher. Trudy VGU 57·107-116 '59

Boron fluoride as a catalyst in organic chemistry. Part 16: Alkylation of guaiacol and phenetole by pseudo butylene S V Zavgorodnii Trudy VGU 57;133-140 '59.

Hydrogenation of 2-methyl-1-butene in the presence of platinum black, in a medium of deuterated alcohol. B.A.Kazanskii, G.M.Panchenkov, V.I.Lazarev. Dokl AN SSSR 132 no.4·832-835 Je '60.

BUTENYNE

Conjugated systems. Part 117: Order of addition of halogens to vinylacetylene hydrocarbons. A.A.Petrov, IU.I.Porfir'eva, T.V.IAkovleva. Zhur.ob.khim. 30 no.5 1441-1444 My '60.

Conjugated systems. Part 118: Order of the addition of bromine to vinylacetylene ketones. L.F.Chelpanova and others. Zhur.ob.khim. 30 no.5 1445-1450 My '60.

BUTLEROV, ALEKSANDR MIKHAILOVICH, 1828 1886

A.M.Butlerov's work in botany. N.A.Bazilevskaia. V ist.est.i tekh. no.8:108-112 '59.

Discovery and study of phenomena of polymerization by A.M.Butlerov. V.I.Kuznetsov. Vop.ist.est.i tekh. no.7 34-42 '59.

BUTTER—STORAGE

Freezing of water in butter as a factor contributing to a improvement in its keeping quality [with summary in English] IU.Olenev. Khol.tekh 37 no 1·35-38 Ja '60.

BUTTER, ARTIFICIAL see Oleomargarine

BUTTERFAT

Effect of the stage of lactation and nutritive substances in feeds on the butterfat production of cows. M.I. Knyha. Visnyk sil'.hosp.nauky 3 no.2;31-35 F '60

More about the butterfat content of milk. T.D.Lysenko Agrobiologiia no.1:10-15 Ja-F '60.

Present-day views on the biochemistry of butterfat in milk [with summaries in English, German, and Frenc A.I.Solntsev, N.A.Mukhina. Vest.sel'khoz.nauki 5 no.1:61-69 '60.

BUTTERFLIES see subdivision under Gissar Range

BUTYL ALCOHOL

Chromatographic separation of microgram quantities o butyl and isooctyl alcohols. T.G.Lipina. Zav.lab. no.1·55-56 '60.

BUTYRIC ACID

Adiagonal reciprocal ternary system of sodium and potassium butyrates and acetates. N. M. Sokolov, [illegible] Pochtakova. Zhur. ob. khim. 30 no.[illegible] 1101-1105 [illegible] '60

Interaction between [illegible] chlorovinyl ketones and [illegible] dicarbonyl compounds. Part 13. Ketovinylation of ethyl [illegible] benzoyl propionate and ethyl [illegible] oxybutyrate. [illegible] M. N. Belokurskaia, [illegible] Zhur. ob. khim. 30 no.5 1102-1105 My '60

BUTYRIC ACID BACTERIA

Butyric fermentation in a synthetic medium containing pyruvic acid and glycerol. [illegible] Dokl. AN SSSR 133 no.4 [illegible] '60

Fermentation of pyroracemic acid by cultures of butyric bacteria [with summary in English]. [illegible] Mikrobiologiia 29 no.1 [illegible] '60.

BUZULUK VALLEY — PINE

Flowering and fruiting of pine [illegible] in the Buzuluk pine forests. A. A. [illegible] '60.

BYBNIK RESERVOIR — FRESH WATER BIOLOGY

Ecological characteristics of the [illegible] F. D. Mordukhai-Boltovskoi. Trudy Inst. biol. [illegible] no.3 [illegible] '60.

BYKOV, ROLAN

The essence of humor. [illegible] 81-87 [illegible] '60.

BYKOVO — ORPHANS AND ORPHANAGES

Ways of reorganizing educational work. [illegible] Doshkol. [illegible]

BYZANTINE EMPIRE

The attack of the "barbarians" [illegible] in the first half of the sixth century. [illegible] Viz. vrem. 16 [illegible]

"Byzantine political ideas in [illegible]" by F. Dvornik. Reviewed by [illegible] Viz. vrem. 16 [illegible] '59.

"The Byzantine world" [in English] [illegible] Reviewed by M. M. Freidenberg. Viz. vrem. 16 [illegible] '59

The question of the reward received by [illegible] Viz. vrem. 16 [illegible] '59.

"Varangians" and "Frankish" [illegible] de Landiverd. [illegible] Viz. vrem. [illegible] '59.

BYZANTINE EMPIRE — AGRICULTURAL LAW AND LEGISLATION

Comments on M. IA. Siuziumov's [illegible] and sources of the Byzantine [illegible] study of agricultural law [illegible] Viz. vrem. 16 [illegible]

BYZANTINE EMPIRE — CAMEOS

Some Byzantine cameos [illegible] Hermitage. A. V. Bank. Viz. vrem. [illegible]

BYZANTINE EMPIRE — HISTORY

"History" by Theophylact [illegible] IA. Liubarskii. Viz. vrem. [illegible]

BYZANTINE EMPIRE — LAND TENURE

More about agrarian [illegible] in the Byzantine [illegible] from the fourth through [illegible] the new work of [illegible] Viz. vrem. 16 [illegible] '59.

BYZANTINE EMPIRE — MILITARY [illegible]

Military aristocracy in Byzantium. [illegible] Viz. vrem. 16 [illegible] '59.

BYZANTINE EMPIRE — SEALS (NUMISMATICS)

Gregory Kamateros and the seal in [illegible] collection. V. S. Shandrovskaia. Viz. vrem. [illegible] '59.

BYZANTINE STUDIES see subdivision [illegible] Germany, East

BYZANTINE STUDIES — CONGRESSES

Eleventh International Congress of Byzantine Studies in Munich. Z. V. Udal'tsova. Viz. vrem. [illegible] '59.

CABBAGE

[illegible] cabbage. [illegible]

Relation [illegible] cabbage [illegible]

Variability in cabbage. [illegible]

CABLES see subdivision [illegible] Tashkent

CACAO BUTTER

Dilatometric properties of [illegible] Prom. [illegible]

CADMIUM

Mode of action of cadmium ions with relation to the conditioned reflex activity of animals. A. A. Galstian. Izv. AN Arm. SSR. Biol. nauki 13 no.11:25-[illegible] N '60

CADMIUM — ELECTROMETALLURGY

Cadmium electrolysis with a high density current in baths with rotating cathodes. [illegible] Tsvet. met. [illegible] Ja '60.

CADMIUM — ISOTOPES

Mechanism [illegible] of the incorporation of microquantities of [illegible] into the crystals of a nonisomorphic [illegible] Radiokhimiia [illegible]

CADMIUM BROMIDE

Solubility of cadmium bromide in aqueous ammonia solutions. A. P. [illegible] Zhur. neorg. khim. 5 no.[illegible] '60

Vapor pressure of solutions in the [illegible] cadmium bromide [with summary in English]. [illegible] A. Tolmacheva, [illegible] Vest. LGU 15 no.10:[illegible] '60

CADMIUM CHLORIDE — PHYSIOLOGICAL EFFECT

[illegible] in inhibiting [illegible] conditioned reflex activity [illegible] [with summary in English]. A. A. [illegible]

CADMIUM IODIDE

Vapor pressure of solutions in the [illegible] cadmium bromide [with summary in English]. [illegible] A. Tolmacheva, [illegible] Vest. LGU 15 no.10:[illegible] '60.

CADMIUM PLATING

[illegible] the electrodeposition [illegible]

CADMIUM SELENIDE

[illegible] of the width of [illegible]

CADMIUM SULFIDE

[illegible] cadmium sulfate [illegible] VNIIM [illegible]

CADMIUM TELLURIDE

Effect of [illegible] on the mobility of [illegible]

CADMIUM — [illegible] CHEMICAL [illegible] ELECTRICAL [illegible]

Effect of [illegible] treatment of the surface on the [illegible] properties [illegible] P. P. [illegible] D. V. [illegible]

CADMIUM [illegible]

[illegible] of solid [illegible] V. [illegible] A. V. [illegible]

CAESIUM

[illegible]

CALCIUM

[illegible]

Effect [illegible] DAN SSSR [illegible]

CALCIUM — ANALYSIS

Hydrox[illegible] for the complexometric determination of calcium in the presence of magnesium [with summary in English]. [illegible] Mustafin, [illegible] '60

CALCIUM — PHYSIOLOGICAL EFFECT

Effect of [illegible] application of chelated [illegible] R. P. [illegible] '59

CALCIUM ALUMINATE

Reaction between [illegible] silicate and calcium [illegible] M. P. Malyshev, D. V. [illegible] Ja '60

CALCIUM CARBONATE

[illegible] S. Stern, S. P. [illegible]

CALCIUM CHLORIDE

[illegible] in the process of [illegible] O. I. Mushkin [illegible]

Extraction of hydrochloric acid and calcium chlori[illegible] with isoamyl alcohol. I. M. Giodin and others. Z[illegible] neorg. khim. 5 no.1:130-140 Ja '60

CALCIUM IN THE BODY

Calcium level in the blood and reaction to adrenaline [illegible] the [illegible] of rats. M. P. Martynenk[illegible] Trudy Inst. fiziol. [illegible] '59.

Effect of fodder alkalinity on the calcium and phosph[illegible] content of milch cow blood [with summary in Engli[illegible] I. P. Okhrymenko. Ukr. biokhim. zhur. 31 no.6:88[illegible] '59

Dependence of the calcium, inorganic phosphorus an[illegible] alkaline phosphatase content of the blood of prema[illegible] infants on the features of prevention and treatment [illegible] rickets [with summary in English]. N. I. Shokina [illegible] 17 no.12 [illegible] '59

CALCIUM NITRATE

Liquid-vapor phase equilibrium in the system ethan[illegible] calcium nitrate at atmospheric pressure. [illegible] '59,

CALCIUM OXIDE

Preparing chromite charges. M. V. [illegible] A. A. [illegible] Zhur. prikl. khim. 33 no.2:[illegible] '60

Role of calcium oxide in the process of oxidation of [illegible] M. V. Kireeva, A. A. Solodnenko. Z[illegible] prikl. khim. 33 no.1:[illegible] Ja '60

CALCIUM SULFATE

Energy of activation of different forms of calcium su[illegible] Trudy NIIT [illegible] '60.

Interaction between calcium sulfate and [illegible] in the presence of sodium chloride. A. M. Ginstling, A. D. [illegible] Zhur. prikl. khim. 33 no.[illegible] '60.

CALCULATING MACHINES

"Automatic control and computing equipment." Revie[illegible] by G. Glazov. [illegible] 2 no.2:[illegible] '60.

Mechanization of [illegible] Avtomat. [illegible] 16 no.12:[illegible] '59

[illegible] V. P. [illegible] '60.

Stability of automatic regulation system with one [illegible] A. S. [illegible] elektromo[illegible] [illegible] '60

CALCULATING MACHINES — EXHIBITIONS see subdivision under Budapest

CALCULATING MACHINES — TECHNOLOGICAL INNO[illegible]
TIONS see subdivision under Moscow

CALCULI

Multiple calculi of the palatal tonsils. A. G. Andreev. Azerb. med. zhur. no.2:[illegible] '60.

CALCULI, BILIARY

Effectiveness of the treatment of [illegible] at the [illegible] D. I. [illegible] '60

Rare complicated case of cholelithiasis. I. I. Lafaro[illegible] Azerb. med. zhur. no.2:[illegible] '60.

CALCULI, SALIVARY

Multiple calculi in the submaxillary gland [in Azerba[illegible] with Russian summary]. A. G. Aliev. Azerb. med. [illegible] no.2:[illegible] '60.

Salivary calculi. Z. I. Levina. Zdrav. Turk. 3 no.[illegible] 32 N-D '59.

CALCULUS, OPERATIONAL

Operator solution of a Dirichlet problem in unbounde[illegible] domains. M. N. Bel'diaeva. Uch. zap. MGZPI no.[illegible] 155-[illegible] '59

CALCULUS OF VARIATIONS

[illegible] of the calculus of variations. N. V. Aleksand[illegible] [illegible] '59

Use of the calculus of variations in solving problems [illegible] plastic torsion of rods. A. M. Gorlov [illegible] MIIT [illegible] '59

CALDWELL, ERSKINE, 1903-

Meeting with Erskine Caldwell. M. B. Vop. lit. no.[illegible] 251-255 [illegible] '60.

CALIBRATION

Calibration of [illegible] transmitters and cali[illegible] devices. V. A. [illegible] Trudy NII [illegible] '5[illegible]

CALIFORNIA — ELECTRIC POWER PRODUCTION

[illegible] reactive power and voltage adjustmen[illegible] A. I. [illegible] Energokhoz. [illegible] '60

CALIFORNIA — TUNNELING

Rapid tunneling. M. P. Karasev. Transp. stroi. 10 [illegible] 55 [illegible] '60

CALIPERS — MAINTENANCE AND REPAIR

Reconditioning jaws of sliding calipers. N. N. Anta[illegible] [illegible] '60

CALISTHENICS

Calisthenics in industry. S. Alin Prod, [illegible] Kh'lelov. [illegible] no.3 [illegible] Ja '60.

Exercises with cheer. N. Sharin. Neva no.2:220-221 '60.

Industrial calisthenics at the Uzlovaya Agricultural Machinery Plant in Lyubertsy. A. A. Volkov. Teor i prak fiz kul' 23 no.1:44-45 '60.

Physiological basis of industrial calisthenics. [illegible] Teor i prak [illegible] no.1 [illegible] '60.

Recreation in the seven-hour workday's schedule. [illegible] Teor i prak fiz kul' 23 no.1:48-51 '60.

CALORIMETERS

Adiabatic isothermal calorimeter for determining final integral heats of solution in the presence of the negative effect. A. I. [illegible] Zhur prikl khim 33 no.1:110-116 Ja '60.

Electronic calorimeter. L. A. Mil'kina. [illegible] no.2226 [illegible] '60.

High-temperature vacuum calorimetric apparatus. [illegible] no.1 [illegible] '60.

Model calorimetric instrument for reproducing the quantity unit of heat. V. [illegible] Trudy VNIIM no.[illegible] '60.

CALORIMETRY

New calorimetric method for measuring the absolute intensity of ultrasound. [illegible] Mikhailo, V. A. [illegible] no.4:[illegible] '59.

CAMBODIA—DESCRIPTION AND TRAVEL

In the land of Khmers. A. [illegible] Ogon [illegible] no.[illegible] Ja '60.

CAMBODIA—ECONOMIC ASSISTANCE, RUSSIAN

On the principles of equality. [illegible] no.1:[illegible] '60.

CAMELS—DISEASES

Pathological anatomy of experimental plague in camels [with summary in English]. [illegible] Arkh pat 21 no.[illegible] '60.

CAMEOS see subdivision under Byzantine Empire; Chersonesus (City)

CAMERAS

[illegible]

[illegible]

CAMP DETRICK, MD.—BACTERIOLOGICAL WARFARE

[illegible]

CAMPANULA see subdivision under Alatavia

CAMPHENE

Terpenophenols. Part 4: Study of the products of [illegible] with phenol. I. A. [illegible] and others. Zhur ob khim 30 no.[illegible] '60.

CAMPS

[illegible] organize the summer vacations of students. [illegible] no.[illegible] Ja '60.

CAMS

[illegible]

[illegible]

CANADA—COMMERCE—RUSSIA

Soviet-Canadian trade relations. Vne torg [illegible] 30 no.[illegible]:21-23 '60.

CANADA—COMMUNIST PARTY

Aliaev, F. IA., and K. F. Lomov. [New developments in the Canadian labor movement] Novoe v rabochem dvizhenii Kanady. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 102 p.

CANADA—ESKIMOS

Canada's step-children. Nov vrem [illegible] '60.

CANADA—GAS, NATURAL—PIPELINES

Kortunov, A. K., and others. [Gas pipeline in Canada, construction and exploitation] Gazovaia magistral' Kanady, sooruzhenie i ekspluatatsiia. Pod red. A. K. Kortunova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 258 p.

CANADA—GOLD MINING

He stays a little too long. [illegible] Ukraina no.[illegible] F '60.

CANADA—HUNTING—MAPS

Foreign hunting maps. F. I. Boldaikin. Geod i kart. no.12:63-67 D '59.

CANADA—INDUSTRIAL BUILDINGS

Construction of new industrial buildings in Canada. [illegible] Golubyatnikov, [illegible] Prom stroi 38 no.2:[illegible] '60.

CANADA—TRADE UNIONS

Aliaev, F. IA., and K. F. Lomov. [New developments in the Canadian labor movement] Novoe v rabochem dvizhenii Kanady. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 102 p.

CANALS

[illegible]

CANCER

(Conditional subdivision under Name A. [illegible])

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CANDLES see [illegible]

CANDLESTICKS

[illegible]

CANDIDA ALBICANS

[illegible]

CANGAROOS [illegible]

[illegible]

CAPACITORS

[illegible]

CAPEK, KAREL, 1890-1938—BIBLIOGRAPHY see Bibliography—Čapek, Karel, 1890-1938

CAPILLARIES

[illegible]

CAPILLARIES—PERMEABILITY

Change in vascular permeability under the influence of [illegible] determining capillary permeability by vital staining. [illegible] Pat fiziol i eksp terap 4 no.1:[illegible] Ja-F '60.

CAPILLARITY

Determining the coefficients of [illegible] and capillary [illegible]. A. V. [illegible] Trudy [illegible] no.[illegible] '59.

[illegible]

CAPITAL

[illegible]

CAPITAL AND LABOR [illegible]

CAPITAL [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CARBON – ISOTOPES (Continued)
Exchange of phenyl groups in organomercury and organo-magnesium compound [illegible] Radiokhimiia 1 no.6:687 [illegible]
Some problems in the synthesis of [illegible] compounds. A. P. Murakin and others. Radiokhimiia 1 no.6 [illegible] 737 '59.
Synthesis of organic compounds [illegible] with radioactive carbon. I. A. Korshunov and others. Radiokhimiia 1 no.6:[illegible]
Use of radioactive carbon isotopes in studying the nutrition of aquatic invertebrates. Iu. I. Sorokin, A. G. [illegible]kov. Trudy Inst. biol. vodokhran. no.[illegible] '59

CARBON, ACTIVATED
Combining processes for the production and regeneration of activated anthracite. V. M. [illegible], [illegible], A. M. Koganovskii. Khim. prom. [illegible] '59
Determination of the exchange constants of [illegible] on activated platinized carbon [with summary in English]. A. N. Murovich, V. I. Parmenova, [illegible] Vest. LGU 15 no.10:[illegible] '60

CARBON BLACK
Polymerization on a potassium – carbon black catalyst [with summary in English]. V. A. Kargin, V. A. [illegible]nov, T. K. Metel'skaia. Vysokom. soed. 2 no.1:[illegible] 105 Ja '60

CARBON DIOXIDE
Fertilizing plants with CO_2 gas. [illegible] Trudy Bot. sada AN [illegible] '[illegible]
New fields in the utilization of carbon dioxide and prospects of increasing its production. [illegible] 37 no.[illegible] Ja F '60
Reaction between lead hydroxide and carbon dioxide in aqueous medium. [illegible], M. A. [illegible] Trudy VGU 57 [illegible] '59
Storing liquid [illegible] N. I. [illegible] no.6 [illegible] '59

CARBON DIOXIDE – DRYING
Comparative characteristics of the methods [illegible] drying carbon dioxide. T. [illegible] no.1:57-58 Ja F '60

CARBON DISULFIDE
Composition of technological gases in carbon disulfide production. B. M. Levit, V. B. [illegible] no.6:[illegible] '59
Effect of temperature conditions on the productivity of carbon disulfide retorts. [illegible] Khim. volok. no.6:55-57 '59

CARBON DISULFIDE – TOXICOLOGY
Influence of some various nonoccupational factors on the course of chronic intoxication with carbon disulfide. B. E. [illegible] Gig. i san. 25 no.1:[illegible] Ja '60

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE
Pollution of the air of living quarters [illegible] as a result of burning natural gas. [illegible] Gig. i san. 25 no.1:[illegible] Ja '60.

CARBON MONOXIDE – PHYSIOLOGICAL EFFECT
Histopathological changes [illegible] carbon monoxide poisoning [illegible] ekspert. 3 no.4:[illegible]

CARBON TETRACHLORIDE
Changes in the [illegible] brain in rats after the administration of [illegible] and caffeine and [illegible] summary in English]. [illegible] med. 40 no.11:[illegible]

CARBONATED BEVERAGES
Single-power dry concentrates for making [illegible] drinks. I. I. [illegible], A. [illegible] Trudy VNIIPP no.7:[illegible]

CARBONATED WATERS see Mineral waters

CARBONATES
Relationship between [illegible] and the factors [illegible] Spirin, L. [illegible]

CARDIAC ARREST see Heart failure

CARDIAC GLYCOSIDES
Cardiac glycosides from the seeds of [illegible] altissimus L. V. T. Chernobai, D. G. [illegible] Med. prom. 14 no.1:18-22 Ja '60
Cardiac glycosides of Adonis vernalis. [illegible], N. A. Bugrim. Med. prom. 14 no.2:[illegible] F '60
Comparative evaluation of the action of [illegible] side, and strophanthin [illegible] [with summary in English]. I. A. [illegible] 14 no.1:75-80 Ja '60

Effect of strophanthin, corglycon and convallotoxin on some [illegible] [with summary in English]. [illegible] '59

CARDING MACHINES
Carding machines for large packages. K. A. Kozlov, [illegible] Tekst. prom. 20 no.1:[illegible] Ja '60
Factors affecting the quantitative and qualitative composition of the [illegible] in the [illegible] no.6:[illegible] '59.

CARDIOMYCOLIS see Moniliasis

CARDIOSPASM
[illegible] and treatment of cardiospasm. M. I. [illegible] Trudy Inst. klin. i eksp. khir. AN Kaz. SSR [illegible]
Plastic surgery of the esophagus in cardiospasm with a check-up of late results. K. E. Barabanova. Kaz. med. zhur. 40 no.6:[illegible] N D '59

CARDIOVASCULAR SYSTEM
Changes in reactions of the cardiovascular system and [illegible] stimulation of receptors of the [illegible] in relation to the age of the stimulating [illegible] [with summary in English]. [illegible] Kulaev [illegible] '59
[illegible] on the cardiovascular system [illegible] total or partial [illegible] [with summary in English]. [illegible]
Influence [illegible] cardiovascular system. N. V. Sergeev [illegible] '60
[illegible] the cardiovascular system during [illegible] Vestn. [illegible]
[illegible] the experimental morphology of [illegible] V. N. [illegible] and others [illegible] '60

CARDIOVASCULAR SYSTEM – DISEASES
(see also subdivision under Khmel'nitskiy Province, Ukraine)
[illegible] [with summary in English]. [illegible], V. G. [illegible]
[illegible]
[illegible] protoplasmatic [illegible] '[illegible]
The [illegible] reactions in cardiovascular diseases. [illegible] 5 no.1:[illegible] Ja '6[illegible]

CARGO HANDLING
(see also Materials handling; Ships)
[illegible] [Handbook on cargo handling, inland water transport [illegible] and forwarding operations] [illegible] Moskva, Izd-vo [illegible] 1959. 225 p.
[illegible]
[illegible]

CARGO HANDLING – EQUIPMENT AND SUPPLIES
[illegible]
Stranpe, P. I. and others. [Over-all mechanization and automation in the [illegible] port] [illegible] Moskva, Izd-vo Morskoi transport, 1959. 95 p.

CARGO HANDLING – SAFETY MEASURES
Safety [illegible] Mor. flot 20 no.1:[illegible] Ja '60

CARICATURES AND CARTOONS
(see also Satirical under Leningrad)
With a sharp pen. [illegible] no.12, 2[illegible]

CARNIVOROUS PLANTS see Insectivorous plants

CAROTENE
[illegible] feed plants. [illegible] Afrikian, V. A. [illegible] Izv. AN Arm. SSR Biol. nauki 13 [illegible] '[illegible]

CAROTENOIDS
[illegible]
[illegible]
[illegible]

CAROTID ARTERY—INNERVATION
Development of the innervation of the common c[illegible] artery in man. I. I. Novikov. Vop. morf. perif[illegible] sist. no.4:159-170 '58

CAROTID BODY
Role of reflexes from the carotid chemoreceptor[illegible] action of nicotine, [illegible], and sodium salt[illegible] 17-hydroxycorticosteroid secretion by the adre[illegible] dogs [with summary in English]. V. I. Ily[illegible] Probl. endok. i gorm. 5 no.6:18-24 N-D '59

CAROTID SINUS
Role of the distensibility of the arterial wall of t[illegible] carotid sinus in the formation of a sinocarotid [illegible] nor reflex. D. M. Zubairov. Fiziol. zhur. 45 [illegible] 1[illegible] N '59.

CARP see subdivision under Karelia, Volga De[illegible]

CARP – DISEASES AND PESTS
(see also subdivision under Ukraine; Volga [illegible]
Epizootic condition of fish stocks on pond fish fa[illegible] the R. S. F. S. R. A. I. Kanaev, E. M. Liaiman, [illegible]nov. Rbt. kom. no.9:28-33 '59.
Systems of rearing young of-the-year carp and t[illegible] epizootologic evaluation. V. S. Prostakov. [illegible] Rbt. kom. no.9:60-61 '60.

CARP – PARASITES see Parasites – Carp

CARPATHIAN MOUNTAIN REGION – FORAGE P[illegible]
Sowing annual forage crops on stubble in the Ca[illegible] Mountain region and in the forest-steppe of the [illegible] N. V. Kokuin, S. V. Vegel. Agrobiologiia no.1:[illegible] Ja F '60.

CARPATHIAN MOUNTAIN REGION – FORESTS A[illegible] FORESTRY
Forest types for Carpathian Mountains and the C[illegible] Mountain region. M. P. Slobodian. Les. khoz. [illegible] 11-30 F '60

CARPATHIAN MOUNTAINS – FORESTS AND FOR[illegible]
Ways of developing forestry in the Carpathians, [illegible] M. Stoiko. Visnyk AN URSR [illegible] 31 [illegible] '60

CARPATHIAN MOUNTAINS – PINE
Mountain pine in the Carpathians. O. V. Chubaty[illegible] roda 49 no.5:80-83 My '60.

CARPATHIAN MOUNTAINS – WORLD WAR, 1939 [illegible]
Proektor, D. M. [Over Dukla Pass] Cherez Duk[illegible] pereval. Moskva, Voen. izd-vo M-va oborony SS[illegible] 1960. 314 p.

CARPATHO UKRAINE see Transcarpathia

CARPENTRY – VOCATIONAL GUIDANCE
Kokhov, V. A. [Training in carpentry] Propodo[illegible] stoliarnogo dela. Izd. 2., ispr. i dop. Moskva, [illegible] uchebno-pedagog. izd-vo Profizdat, 1960. [illegible]

CARROTS
Efficiency of photosynthesis in the leaves of car[illegible] sown in the fall and spring. N. K. Frolova. F[illegible] rast. 7 no.1:104-106 '60.

CARTOGRAPHY
Baranskii, N. N. [Economic geography. Economic [illegible] graphy] Ekonomicheskaia geografiia. Ekonomic[illegible] kartografiia. Moskva, Gos. izd-vo geogr. lit. [illegible] 450 p.

CARTOGRAPHY – BIBLIOGRAPHY see Bibliogra[illegible] Cartography

CASE HARDENING
Case hardening of fluted rollers. I. A. Sidorov, [illegible] Chistikov. Trudy VNIINMASH no.1:212-223 '[illegible]

CASPIAN DEPRESSION – GAS, NATURAL—GEOL[illegible]
Bituminiferous and reservoir properties of rocks[illegible] Akchagyl stage of certain prospecting areas of [illegible] Khan region in connection with prospects for the [illegible] duction of gas and oil. S. Amanov. Izv. AN Turk[illegible] tekh. [illegible]

CASPIAN DEPRESSION – PETROLEUM GEOLOGY
Bituminiferous and reservoir properties of rock[illegible] Akchagyl stage of certain prospecting areas of [illegible] Khan region in connection with prospects for the [illegible] duction of gas and oil. S. Amanov. Izv. AN Tur[illegible] [illegible]

CASPIAN LOWLAND – GEOGRAPHICAL RESEAR[illegible]
On the history of soil and geographical research[illegible] Caspian Lowland. O. N. Andrianishchenko. Trud[illegible] Inst. no.2:85-150 '58.

CASPIAN LOWLAND – SOIL RESEARCH
On the history of soil and geographical research[illegible] Caspian Lowland. O. N. Andrianishchenko. Trud[illegible] Inst. no.2:85-150 '58.

CASPIAN SEA—LAMELLIBRANCHIATA

Characteristics of Cardiidae from the northern part of the Caspian Sea [with summary in English]. A. A. [illegible] man. Zool. zhur. 39 no. 12:1801-1804 D '60.

CASPIAN SEA—PARASITES

Parasite fauna of young pike perch in the Volga Delta and the Northern Caspian. T. V. Astakhova. Trudy [illegible] no. 9:99-104 '60.

CASPIAN SEA—PHYTOPLANKTON

Production of phytoplankton in the northern part of the Caspian Sea. [illegible] Vinogradova. [illegible] 29 [illegible] '60.

CASPIAN SEA—POLYCHAETA

The clam worm Nereis diversicolor cambica, in the Caspian Sea and its extended area of distribution [with summary in English]. Olga Hartmann. Zool. zhur. 39 no. 1:P 30 Ja '60.

CASPIAN SEA—SHIPS—MAINTENANCE AND REPAIR

Introducing new machinery in the "Caspian [illegible] Federation" Plant. [illegible] Mor. flot 20 no. 1:2-3 Ja '60.

CASPIAN SEA REGION—DISCOVERY AND EXPLORATION

On the history of the study of the eastern shore of the Caspian. [illegible] Vop. [illegible] '60.

CASPIAN SEA REGION—GERBILS

Specific features of reproduction in the gerbils Meriones meridianus Pall. and M. tamariscinus Pall. in the northwestern part of the Caspian Sea region [with summary in English]. A. N. Pavlov. Zool. zhur. 39 no. 12: 1866-1869 D '60.

CASPIAN SEA REGION—SALT DOMES

Evidence of accompanying salt [illegible] in the eastern part of the Caspian region. V. N. Zhuravlev, V. [illegible] DAN SSSR 131 no. 3: [illegible] '60.

CASPIAN SEA REGION—SOIL DRIFTING

Windbreaks in the [illegible] part of the Caspian region. V. V. [illegible] '60.

CASSITERITE

(see also [illegible] under [illegible])

[illegible]

CAST IRON

Desulfurization of pig iron outside the blast furnace. [illegible] Metallurg 5 no. 2:[illegible]

[illegible]

Making [illegible] of cast iron [illegible]

Single [illegible] pouring of cast iron. Metallurg 5 no. 2:[illegible] '60.

CAST IRON—METALLOGRAPHY

Effect of [illegible]

[illegible]

CAST IRON—METALLURGY

Modifying [illegible]

CAST IRON—WELDING

Asnis, A. E., and Iu. V. Latash. [Cast iron welding] Svarka chuguna. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 61 p.

CAST IRON PIPE see Pipe, Cast iron

CASTRATION

Conditioned vascular and [illegible] reflexes [illegible] castration. [illegible]

CATALOGS, BOOKSELLERS'

[New Soviet books on railroad transportation to be published during 1960; order catalog.] Sovetskie [illegible] knigi [illegible] [Novinki knig]] Katalog, [illegible] '60.

[New Soviet books to be published during 1960 by the State Power Engineering Publishing House; [illegible] order catalog.] Sovetskie [illegible] knigi [illegible] na 1960 g.; [Novinki knig]] katalog [illegible] '60.

[Soviet books [illegible] catalog.] Sovetskie knigi [illegible] katalog [illegible] '60.

CATALOGS, CLASSIFIED

Classified reader's [illegible] translated from [illegible]

CATALOGS, SUBJECT

Manual on the organization of subject catalogs [illegible] literature ("Organization [illegible] of information") edited by M. V. [illegible] K. I. [illegible] '60.

CATALOGS, UNION

[Union list of new foreign [illegible] of the U.S.S.R. [illegible] agriculture, technology [illegible] Ilustrated [illegible] katalog [illegible]

[Union list of new foreign [illegible] of the U.S.S.R. [illegible] no. 1 '60.

CATALONIA—HISTORY

"Political history of Catalonia [illegible] Vols. 1-4 [illegible] I. V. Ponomareva. [illegible] '60.

CATALYSIS

A. A. Balandin's work in the field of [illegible] catalysis. A. A. [illegible] Vest. M[illegible] '60.

CATALYSTS

Catalytic [illegible]

[illegible]

Catalytic [illegible]

Effect of the nature of [illegible] A. A. Balandin, [illegible] My '60.

Investigation of [illegible]

[illegible]

CATAPHORESIS see [illegible]

CATARACT

[illegible]

CATARRH

Catarrh [illegible]

CATECHOL

[illegible]

CATHAY see [illegible]

CATHODES

Potassium [illegible] I. A. [illegible] '60.

CATHODIC PROTECTION

Method of [illegible] N. D. [illegible]

Methods for the protection of [illegible] '60.

CATHOLIC CHURCH see also [illegible] Yugoslavia

CATHOLIC CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

The Catholic [illegible]

CATILINA, LUCIUS SERGIUS, [illegible]

[illegible]

[illegible]

CAVES see subdivision under Crimean Mountains

CAVITATION

Problem of raising the resistance of turbine blades to erosion blades. P. D. Shvetsov, A. S. Fomenko, F. A. Kutsin. Trudy Inst. tepl. AN URSR no. [illegible] 31-[illegible] '5[illegible]

CECH, SVATOPLUK, 1846-1908

Svatopluk Cech's "Morning song" and "New songs" ideological and thematic [illegible]. [illegible] Klinkin. [illegible] no. [illegible]

CEILINGS

Distribution of technological loads over ceilings of industrial buildings. I. V. Klepikov. Prom. stroi. 38 no. 1:62-63 '60.

Selecting types of panels for ceilings of industrial buildings. A. D. Liberman, D. A. Kouchanov. Prom. stroi. 38 no. 1:20-23 '60.

Soundproofing of wooden ceilings. B. Kul[illegible]. Zhil. stroi. no. 1:30-31 Ja '60.

CELL DIVISION (BIOLOGY)

Disruption of cellular fission by X rays during the early stages of the development of a frog. V. N. [illegible]. Tsitologiia 3 no. 1:[illegible] Ja-F '60.

Effect of autonomic [illegible] on the dynamics of mitotic changes in tumor and normal human tissue [with summary in English]. [illegible] Biul. eksp. biol. i med. 46 no. 11:97-101 N '5[illegible]

Effect of colchicine and [illegible] on the mitotic activity of the uterine epithelium in mice [with summary in English]. O. I. [illegible] Biul. eksp. biol. i med. 48 [illegible] 98-100 D '59.

Problem of the mechanism of the [illegible] activity of mitosis [with summary in English]. I. A. A[illegible] Biul. eksp. biol. i med. 48 [illegible] 107-11[illegible]

CELL NUCLEI

Distribution of desoxyribonucleoproteins in cell nuclei as related to fixation [with summary in English]. V. A. Egorova. Trudy [illegible] 41:[illegible] 145-[illegible]

Synthesis of protein in isolated cell nuclei of [illegible] tissues and in experimental [illegible] [with summary in English]. I. B. Zbarskii, K. A. P[illegible] Vop. med. khim. 6 no. 1:[illegible]-40 Ja-F '60.

CELLARS see Basements

CELLS

Changes in cells [illegible] by ultrasonic [illegible] [with summary in English]. [illegible] 43:140-[illegible] '5[illegible]

Cholinesterase activity, glutathione content, and cellular permeability in gastric ulcers. [illegible] B. S. [illegible]kovskii. Kaz. med. zhur. 40 no. 6:69-71 N-D '59.

Cytochemical changes during the [illegible] of the liver tissue [with summary in English]. N. A. Bobrovskaya. [illegible] 43:[illegible] '5[illegible]

Cytochemical changes in the cells [illegible] X rays [with summary in English]. [illegible] ISGMI 43:100-110 '59.

Mechanisms of the self duplication of elementary cell structures. Pt. 1: History of the problem. N. V. Timofeev-Resovskii. Tsitologiia 2 [illegible] 1:45-[illegible] Ja-F '60.

CELLULOID

Celluloid for making engraving plates using "[illegible]" and "EGA 2" automatic machines. M. [illegible]. Polig. proizv. no. 1:17-18 Ja '60.

CELLULOID—THERAPEUTIC USE

Use of celluloid film in [illegible] [illegible] [with summary in English]. I. M. Kapis. [illegible] 17 no. 1:14-16 '60.

CELLULOSE

Carboxymethyl ethers of cellulose and their use in the national economy. M. Z. [illegible]. [illegible] MSB no. 20:91-92 '5[illegible]

Mechanochemical method of converting cellulose into a readily hydrolyzable state. V. I. [illegible], V. P. [illegible]nova. Gidroliz. i lesokhim. prom. 1[illegible] no. [illegible] '6[illegible]

Obtaining sodium cellulose salts [illegible] of carboxymethyl ethers of cellulose. M. Z. [illegible] and others. Izv. vys. ucheb. zav.; [illegible] 2 no. [illegible] 12-[illegible] '59.

Synthesis of new derivatives of cellulose and other polysaccharides. Part 3: Synthesis of a graft copolymer of carboxymethylcellulose and polymethacrylate [with summary in English]. Sun T'ung, V. A. Derevitskaia, Z. A. Rogovin. Vysokom. soed. 1 no. 11:1625-1629 N '59.

Synthesis of new derivatives of cellulose and other polysaccharides. Part 4: Synthesis of graft copolymers of carboxymethylcellulose and polyacrylonitrile. Z. A. Rogovin, Wu Jung-hai. Vysokom. soed. 1 no. 11:1630-1631 N '59.

CELLULOSE ACETATES

Forging a bronze acetylator shaft. V. A. [illegible]. Khim. mash. no. 1:43 Ja '60.

Preparation of triacetate fiber from solutions of triacetyl cellulose in an acetylating mixture. Z. A. Rogovin, IU. D. Shishkina, A. P. Kravtsov. Khim. volok. no. 6:27-30 '59.

CELLULOSE DECOMPOSING BACTERIA see Bacteria, Cellulose decomposing

CEMENT

(See also subdivision under Uzbekistan)

Cement from peat. V. [illegible]. Nauka i zhizn' 27 no. 1:[illegible] Ja '60.

Effect of the mineralogical composition on the process of whitening cement clinkers. A. N. [illegible]. Trudy [illegible] 12:[illegible] '59.

Using electron microscopes in studying the texture of cement bricks. B. [illegible]. Tsement 26 no. 1:25-29 Ja-F '60.

Using a multistage method in grinding mixed cements. D. M. [illegible] and others. Trudy NIITSement no. 12:71-83 '59.

Using reinforced cement instead of wood. B. [illegible]. [illegible] '60.

CEMENT—BIBLIOGRAPHY see Bibliography—Cement

CEMENT—STORAGE

Buildings for storing cement and precast reinforced concrete. M. Ianshkov, I. Poktanu. Stroi. i arkhit. 8 no. 1:19-20 Ja '60.

Dismountable structures for storing cement. D. I. Kou[illegible] I. I. [illegible]. Avt. dor. 23 no. 2:16-17 F '60.

CEMENT—TESTING

Investigating chemical and physical processes in cement-paste batch during selective hardening. M. M. Kaplan. Trudy NIITSement no. 12:[illegible] '59.

CEMENT—THERMAL PROPERTIES

Investigation of walls made of aerated concrete [illegible]. [illegible]. [illegible] MIII no. 12:[illegible] '5[illegible]

CEMENT—TRANSPORTATION

[illegible]. IA. Aronov, A. Dobrzhanskii. [illegible] no. 12:[illegible] '5[illegible]

Mechanized transportation and unloading of bulk cement in foreign countries. D. A. Konstantinov, N. D. Pratsik. [illegible] 5 no. 1:10-11 Ja '60.

The [illegible] of cement as [illegible] materials at [illegible]. I. [illegible] 11 [illegible] 20-21 '5[illegible]

CEMENT INDUSTRY

(See also Uzbekistan [illegible] Volga [illegible] region)

[illegible]. Tsement 26 no. 1:1-10 Ja-F '60.

[illegible] in the U.S.S.R. in 1959. Tsement 26 no. 1:1-4 Ja-F '60.

CEMENT INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible]. Tsement 26 no. 1:31 Ja-F '60.

CEMENT KILNS

Effective utilization of fly ashes from waste gases in cement plants. V. IA. Pliachev. Tsement 26 no. 1:21-22 Ja-F '60.

CEMENT PLANTS see subdivision under [illegible]

CEMENT PLANTS—AT CONSTRUCTION see subdivision under [illegible]

CEMENT PLANTS—HEATING AND VENTILATION

Effect of ventilation on climatic work indices of tube cement mills. G. S. Krasotkin. Trudy NIITSement no. 12:[illegible] '59.

CENOZOIC

[illegible]. [illegible] 410-421 '5[illegible]

CENSUS

Population census of countries of the world. A. I. Gozulov. [illegible] 4:[illegible]-300 '59.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRIFUGAL CASTING

[illegible] centrifugal casting. IA. IA. [illegible] no. 2:11-12 F '60.

CENTRIFUGES

Determining the standards of servicing and the number of workers needed for servicing and operating the centrifugals. S. A. [illegible], L. G. Semenenko. Sakh. prom. 34 no. 1:[illegible] Ja '60.

Improvements of settling centrifugals equipped with screw conveyers. N. A. Bakalov. Sakh. prom. 34 no. 1:60-62 Ja '60.

CEPHEIDS

Anomalous Cepheid TX Delphini. T. G. Nikulina, A. V. [illegible]. Biul. Inst. astrofiz. AN Tadzh. SSR no. 25 [illegible] '59.

Anomalous Cepheid W Virginis. T. G. Nikulina. Biul. Inst. astrofiz. AN Tadzh. SSR no. 25:31-34 '59.

[illegible] spectra [with summary in English]. A. V. [illegible]. Per. zvezdy 12 no. 1:58-65 D '57 [Publ. 1959.]

UY Eridani, a long-period Cepheid with a remarkable light curve shape. V. P. Tsesevich. Per. zvezdy 12 no. 1:72-74 S '57 [Publ. 1959.]

CERAMIC MATERIALS see subdivision under Czechoslovakia

CERAMIC METALS

Making porous bimetallic and other two-layer parts of powder metal materials. V. G. Filimonov. Vest. mash. 40 no. 1:69-[illegible] '60.

Properties of chromium carbides and chromium carbide base ceramic metals. V. V. Grigor'eva, V. N. Klimenko. Inst. po chernym splav. 1:[illegible] '59.

CERAMIC METALS—TESTING

Investigating diffusion creep in ceramic metal materials. B. IA. Pines, A. F. Sirenko. Inst. po chernym splav. 4:101-110 '59.

CERAMICS

Akademiia arkhitektury URSR, Kiev. Instytut budivel'nykh materialiv. [Building materials, concrete and ceramics] Stroitel'nye materialy; beton i keramika. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR. (Novoe v stroitel'noi tekhnike)
No 8, 1960, 134 p.

Heat treatment during the coating of sanitary faience wares on conveyers. P. V. Sokolov. Stek. i ker. 17 no. 1:21-26 Ja '60.

Selecting a better design of tunnel kilns for the Russian ceramic industry. R. N. Ol'shanskii. Stek. i ker. 17 no. 1:17-18 Ja '60.

Toward a new expansion of the glass and ceramic industries. Stek. i ker. 17 no. 1:1-4 Ja '60.

CERAMICS—ELECTRIC PROPERTIES

"Electrical and physical fundamentals of high-frequency ceramics" by N. P. Bogoroditskii, I. D. Fridberg. Reviewed by N. G. Drozdovskii, Kh. B. Valeev. Elektrichestvo no. 1:95 Ja '60.

CEREBELLUM

A special type of fiber in the cerebellar cortex. A. S. [illegible]. Trudy Inst. fiziol. 8:558-561 '59.

CEREBRAL CORTEX

Changes in the orientation reactions of dogs following destruction of the vestibular apparatus and extirpation of the motor region of the cerebral cortex. V. A. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.

Characteristics of the conditioned reflex activity of decorticated rabbits [with summary in English]. O. A. [illegible]. Biul. eksp. biol. i med. 48 no. 12:[illegible] D '59.

Conditioned reflex changes in cardiac activity in cats following [illegible] of the cerebral cortex [with summary in English]. V. A. [illegible]. Biul. eksp. biol. i med. 48 no. 1:[illegible] '59.

Correlative histogenesis of certain links in the olfactory reflex arc in the rabbit. P. I. Lallukin. Trudy Inst. fiziol. 8:565-571 '59.

Dynamics of cortical activity in patients with obesity in relation to the degree and form of the disease [with summary in English]. I. M. Lovitskii, A. I. Makarychev, I. P. Rodichina. Vop. pit. 19 no. 1:26-31 Ja-F '60.

Effect of certain [illegible] on the adoption of the rhythm of light stimuli by the cerebral cortex in rabbits. A. Ra[illegible]. Fiziol. zhur. 46 no. 1:50-56 Ja '60.

Effect of extirpation of parts of the forward cortex on the functions of the intact and partially resected stomach during a test with drugs. D. V. Mangina. Trudy Inst. fiziol. 8:[illegible]-[illegible] '59.

Electroencephalographic investigation of changes in the central nervous function in hypertension patients following the use of various neurotropic substances. T. N. [illegible]. Klin. med. no. 5:[illegible]-40 '60.

Electrophysiological study of the hippocampus and its reactions to afferent stimulation. T. G. Beteleva, L. [illegible] Novikova. Fiziol. zhur. 46 no. 1:41-49 Ja '60.

Pathology of the cortical activity in organic diseases of the brain with neurotic and psychopathic disorders. V. K. Fedorov. Trudy Inst. fiziol. 8:[illegible]-407 '59.

Phasic changes in the EEG as an index of the formation of cortical coordination [with summary in English]. P. P. Pokrakov. Fiziol. zhur. 46 no. 1:[illegible]-36 Ja '60.

Physiological mechanisms of certain forms of generalization in young children. E. N. Degtiar', A. N. Znamenskaia, M. M. Kol'tsova. Trudy Inst. fiziol. 8:35-[illegible]

Reactivity of the cerebral cortex and changes in the higher nervous activity in experimental renal hypertension. V. N. Mentova. Klin. med. no. 5:[illegible]-114 '59.

Ultraslow rhythmic oscillations of potential in isolated cerebral cortex strips [with summary in English]. N. A. Aladzhalova, O. Kh. Koshtoiants. Fiziol. zhur. 46 no. 1:1-[illegible] Ja '60.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBRAL PALSY

Surgical treatment of cerebral spastic paresis in childhood. Ortop., travm. i protez. 20 no. 12:18-24 D '59.

CEREBROSIDES

Relationship between the sulfhydryl group content and cerebroside metabolism in the brain of rabbits [with summary in English]. M. Sh. Promyslov, M. S. Morozova. Biul. eksp. biol. i med. 48 no. 11:59-61 N '59.

CEREBROSPINAL FLUID
Protein fractions in the cerebrospinal fluid and blood serum in nervous diseases [with summary in English] J Vymazal Vop med khim 6 no 1·81-88 Ja-F '60

CERIMAN
Rare flowering of the ceriman. B.V.Zaverukha. Priroda 49 no 5 105 My '60.

CERIUM
Modifying cast iron by cerium alloys. E.M.Shkol'nikov and others. Lit.proizv. no.2 36-37 F '60.

CERIUM COMPOUNDS
Complexes of cerium, neodymium, and samarium with gluconic acid N A Kostromina. Zhur neorg khim 5 no 1·95-101 Ja '60

CERVI FAMILY
"This is your book" ("My seven sons" by Alcide Cervi; as told to Renato Nicolai. Reviewed by Inna Solov'eva) Novyi mir 35 no.12 257-260 D '59.

CERVICAL VERTEBRAE see Vertebrae, Cervical

CESIUM—ANALYSIS
Determination of lithium and cesium in ores by the use of a flame photometer with an integrator N S Poluektov, M P Nikonova, S E Grinzaid Zav lab 26 no 2· 161-163 '60

CESIUM—ISOTOPES
Concentrating radioactive cesium by extraction with gelatin foam. V.V.Pushkarev, L.D.Skrylev, V.F. Bagretsov. Radiokhimiia 1 no.6·709-711 '59.

Recovery of radioactive cesium by means of mixed heavy metal ferrocyanides. V V Pushkarev, L D Skrylev, V F Bagretsov Zhur prikl khim 33 no 1·81-85 Ja '60

CESIUM CHLORIDE
Thermodynamic properties of electrolytes in nonaqueous solutions. Part 7· Solubility of AgCl and CsCl in alcohols, ketones, and mixed solvents, as studied by means of radioactive indicators [with summary in English]. N.A. Izmailov, V S Chernyi. Zhur.fiz.khim. 34 no.1,127-134 Ja '60.

CESIUM NITRATE
Solubility in the ternary system $NaNO_3$ - $CsNO_3$ - H_2O at 25 and 50° K.A Bol'shakov, G M Dergunova. Zhur neorg khim 5 no 1·209-213 Ja '60

CESIUM SULFATE
Equilibria and solid phases in the quaternary system K_2SO_4 - Cs_2SO_4 - $Al_2(SO_4)_3$ - H_2O at 25° L A Kirpin Zhur.neorg.khim 5 no 1:180-189 Ja '60

CEYLON—ELECTIONS
Why new elections in Ceylon? S.Bulygin. Sovr Vost. no 5 51 My '60

CHAD, LAKE REGION—LANGUAGES
Pronouns in the languages of the Niger-Chad group. N.N. Pil'shchikova. Trudy Inst.etn. 52 213-218 '59.

CHAINS
Dynamics of chains of transmissions and conveyors. G.IA.Golovnin. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i no.2.168-172 Mr-Ap '60.

[Laminated chains; design and construc-
ichatye tsepi; konstruirovanie i raschet.
uchno-tekhn. izd-vo mashinostroit. lit-

ical parameters for round-link
ovtsev, V.A.Romanov. Stan-
22 F '60.

β-chlorovinyl ketones. N.K.
Zhur.ob.khim. 30 no.5:

ıder Kiev Province

ee subdivision under Moscow

IEN see Menopause

S—EQUIPMENT AND SUP-

ields S Shcheglov. NTO 2

CTERISTICS IN LITERATURE
tanding of older pupils of the
ct of literary figures [in
in Russian]. IE.O.Sverstiuk,
st.psykhol. 10:91-139 '59.

OTTON GROWING
tive Farm is a leader in
im.Kirova - peredovoe
aistvo. Askhabad, M-vo
SSR, 1959. 15 p.

CHARTISM
An appraisal of certain aspects of the Chartist movement. N A Erofeev Nov i noveish ist no 1·86-91 '60

CHATYR-KUL' REGION—GEESE
Biology of the mountain goose (Eulabeia indica Lath.) in the Tien Shan [with summary in English]. D.F.Tristan, A G.Zveskin. Zoo zhur. 39 no 1·145-147 Ja '60.

CHECHEN-INGUSH A S S.R —ADMINISTRATIVE REMEDIES
What do we gain by on-the-spot examination of charges. I.Almazov. Sov.deput.trud. no.3·48-50 Mr '60.

CHEESE—BACTERIOLOGY
Bacteria of the Mammococcus group as one of the causes of bitterness in cheese [with summary in English]. I.A. Veselova. Mikrobiologiia 29 no.1·137-141 Ja-F '60.

CHEKHOV, ANTON PAVLOVICH, 1860-1904
A.P Chekhov and prerevolutionary "justice " V Gol'diner. Sov iust. no.1:53-56 Ja '60.

A P Chekhov and Russian artists V Romanenko Iskusstvo 23 no 1 47-52 '60

A.P.Chekhov as a rural medical practitioner. IA.S. Mindlin. Zdrav.Ros.Feder. 4 no.2,46-48 F '60.

A.P.Chekhov's works in White Russia. N.Sauchanka. Belarus' 17 no.1:19 Ja '60.

Admiration, love.... Kuo Mo-jo and others. Ogonek 38 no 4:11 Ja '60.

Ahead of the time. Viktor Shklovskii. Znamia 30 no.1· 171-185 Ja '60.

Anton Chekhov, a painter of life, on the centenary of A.P.Chekhov's birth. L.Nikulin. Mol.komm. no.1 115-123 Ja '60.

Anton Pavlovich Chekhov; on the 100th anniversary of his birth (1860-1960). L.I.Reitynbarg. Fel'd.i akush. 25 no.2:3-10 F '60.

"Around Chekhov" by M.P.Chekhov. Reviewed by A Pichugina. Kul't.i zhizn' 4 no.1·62-63 '60.

As a man alive to those who are alive.... L.Zhukova. Ogonek 38 no 4:20-21 Ja '60

The awakening of the hero. Z.Papernyi. Vop.lit. 4 no.1·80-96 Ja '60.

Both a man of letters and a physician. I.Geizer. Ogonek 38 no.4·12 Ja '60.

Chekhov. Ogonek 38 no.4·8 Ja '60.

Chekhov and Lev Tolstoi. V.Lakshin. Novyi mir 36 no.1·223-245 Ja '60.

Chekhov and Kurkin. I.M.Geizer. Zdorov'e 6 no.2·8 F '60.

Chekhov and the theater. A.Rototaev. Kul't.i zhizn' 4 no.1:50-51 '60.

Chekhov collection ("A.P.Chekhov"; collected articles and materials. Reviewed by V.Lakshin) Novyi mir 35 no 12:255-257 D '59.

Chekhov in England. D.Magarshack. Kul't.i zhizn' 4 no.1:44-46 '60.

Chekhov in Petersburg. S.Viazemskii, S.Chekhov. Blok. agit. [Len.] no.3:38-45 Ja '60.

Chekhov in the Ukraine, on the 100th anniversary of the birth of A.P.Chekhov. Aleksei Ionov. Sov.Ukr. 10 no.1:157-166 Ja '60.

Chekhov in the unpublished manuscripts of his contemporaries. N.Gitovich. Vop.lit. 4 no.1:97-111 Ja '60.

Chekhov, narrator and playwright. N.Berkovskii. Teatr 21 no.2·87-99 F '60.

Chekhov, the mushroom fancier. G.V.Bukin. Les.khoz. 12 no.2·75 F '60

Chekhov's evaluation of a writers creative and artistic skill. Vl.A.Kovalev. Vest.Mosk.un.Ist.-filol.ser. 14 no 4·101-120 '59

Chekhov's literary legacy today. V.Lakshin. Vop.lit. 4 no.1·60-79 Ja '60.

Chekhov's plays and their study. L.Maliugin. Oktiabr' 37 no.1·176-192 Ja '60

Correct and incorrect divining of careers ("Articles on literature and the theater"; "Antosha Chekhote" by A.Roskin. Reviewed by V.Shklovskii). Novyi mir 35 no.12:250-251 D '59.

The early Chekhov. N.Bogoslovskii. Oktiabr' 37 no.1 160-175 Ja '60.

Friend of human hearts. Z.Zhakava. Belarus' 17 no.1:18 Ja '60.

Friends and enemies. V.Ermilov. Ogonek 38 no.4·15-16 Ja '60.

Glory and pride of our people. P.TSimafeeu. Rab.i sial. 36 no.1:6-7 Ja '60.

Good! Z.Papernyi. Novyi mir 36 no.3:236-238 Mr '60.

Great master of words. Maksym Ryl's'kyi. Komm.Ukr. 35 no.1·73-76 Ja '60.

He was, is and will be exquisite. K.Chukovskii. Ogonek 38 no.4:9-11 Ja '60.

His name is dear to everybody. Sots.kul't. 13 no.1·4-5 Ja '60.

"If each person..." S.Bragin. Moskva 3 no.12:215-217 '59.

In Melikhovo, near Moscow. P.Kudelin. Moskva 3 no.12· 211-212 '59.

In the A.P.Chekhov Home and Museum. M.Griel'skaia. Kul't.-pros.rab. 21 no.1:14-15 Ja '60.

Knights of eternal discord; a letter from Warsaw. Natalia Modzelewska. Novyi mir 36 no.1·246-254 Ja '60.

Meeting with Chekhov. A.Khotiaintseva. Ogonek 38 no.4:23-24 Ja '60

My favorite parts. A.Tarasova. Kul't.i zhizn' 4 no 1: 46-47 '60.

Our Chekhov. M.Karpovich. Sov.pech. no.1·34-36 Ja '60.

Our Chekhov. Petro Panch. Komm.Ukr. 35 no.1·69-73 Ja '60.

Our Chekhov. V.Lidin. Kul't.i zhizn' 4 no.1:38-43 '60.

Portrayal of teachers in A.P.Chekhov's work A I Matsai Rad shkola 39 no.1 84-88 Ja '60

Proud flight of the "Sea gull." A.Solodovnikov. Ogonek 38 no 4·19 Ja '60.

Recalling Chekhov A Makarov. Znamia 30 no.1·16· 209 Ja '60.

Retort to a critic. A.Anastas'ev. Novyi mir 36 no.1· 254-257 Ja '60.

The story of a portrait. I.E.Brazu. Ogonek 38 no.4· 22 Ja '60

The story of a Russian writer ("The story of Anton Chekhov" [in French] by E.Triolet. Reviewed by A.Belkin). Kul't.i zhizn' 4 no.1:63-64 '60.

A study of A.P.Chekhov's works, 1955-1959. V.K. Gaiduk. Izv.AN SSSR.Otd.lit.i iaz. 18 no.6:532-536 N-D '59.

"Swedish match"; A.P.Chekhov's parody of the detective story. N.Smirnov-Sokol'skii Ogonek 38 no 4·17-18 Ja '60

"Symbols of faith" of a writer and humanist, centennial of the birth of A P Chekhov. B Bratov. Nauka i rel no.1 88-93 Ja '60

"This is personal happiness." V.T.Romanenko. Kul't.i zhizn' 27 no 1.59-61 Ja '60.

Ukrainian elements in the language of A.P.Chekhov's works. B.M.IAtsymyrs'kyi. Ukr.mova v shkoli 10 no.1:26-29 Ja-F '60.

Unpublished letters to A.P.Chekhov. Izv.AN SSSR.Otd. lit.i iaz. 18 no.6:516-519 N-D '59.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—BIBLIOGRAPHY see Bibliography—Chekhov, Anton Pavlovich, 1860-1904

CHEKHOV, ANTON PAVLOVICH, 1860-1904—HOMES AND HAUNTS
The A.P.Chekhov Home-Museum in Yalta. S.Bragin. Vop.lit. no.2:248-249 F '60.

Chekhov allées and gardens. IU.Avdeev. IUn.nat. no 1: 18 Ja '60.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—MUSEUMS, RELICS, ETC.
On the steamship "A.P.Chekhov." A.Bunishko, G.Vol'kenson. Kul't.i zhizn' 4 no.1:51-52 '60.

They visited Chekhov's house. M.Shchegoleva. Kul't.i zhizn' 4 no.1·48-49 '60.

CHEKHOV FAMILY
The artists Chekhovs. L.Kafanova. Ogonek 38 no 4· 16 Ja '60

CHEKHOVA, OL'GA LEONARDOVNA (KNIPPER) 1870-1959
Turovskaia, M.I. Ol'ga Leonardovna Knipper-Chekhova, 1868-1959. Moskva, Iskusstvo, 1959. 244 p.
(CU)

CHELYABINSK—COKE INDUSTRY—EQUIPMENT AND SUPPLIES
At the by-product coking section of the Chelyabinsk Metallurgical Plant M.Dondo. Koks i khim. no 2·62 '60

CHELYABINSK—COLD STORAGE WAREHOUSES
Painting the flat roof of a cold storage warehouse in order to reduce the effect of solar radiation IA Ozhigin Khol.tekh. 37 no.1·56 Ja-F '60

CHELYABINSK—CONFECTIONERY
Chelyabinsk confectioners learn from Muscovites. V.Salis. Obshchestv.pit. no.1:25 Ja '60.

CHELYABINSK—CONSTRUCTION WORKERS
Skillful hands get work done. M.Nikonov. Okhr.truda i sots. strakh. no.1.33-34 Ja '60.

CHELYABINSK—ELECTRIC RAILROADS
Organizing traffic planning on electrified railroad sections. S.A.Subbotin. Zhel.dor.transp. 42 no.1:73-77 Ja '60.

CHELYABINSK—FOOD SUPPLY
Dinner break. Vl.Ilesh. Sov.Soiuz no.8:16-17 '57.

CHELYABINSK—METEORITES
Finding meteoric dust in the area of fall of the Kunashak stone meteorite shower. I.A.IUdin. Meteoritika no.18 113-118 '60.

CHELYABINSK BASIN—COAL MINERS
Some results of using a new wage system for Chelyabinsk Coal Basin miners. L.E.Kamenetskii. Izv.vys.ucheb. zav.; gor.zhur. no.4·20-25 '59.

CHELYABINSK BASIN—COAL MINING MACHINERY—TESTING

Results of the testing of a K-56 cutter loader in the Chelyabinsk Basin. V.I. Mokhnach[illegible], V.K. [illegible]. Ugol' 35 no.2:7-10 F '60.

CHELYABINSK BASIN—STRIP MINING

Verifying the efficiency of short-delay blasting in burden removal benching at the Korkino open-pit mine. [illegible] V. Parfenov. Trudy Gor.-geol. inst. UFAN SSSR no.41: 211-219 '59.

CHELYABINSK PROVINCE—ALLOYS—MAGNETIC PROPERTIES

Investigating the technology of [illegible] magnetically soft alloys. [illegible] Ja '60.

CHELYABINSK PROVINCE—CLAY

Colloidal properties of Chelyabinsk clays and the evaluation of their suitability for [illegible] operations. [illegible]dorova, Z.G. Shcheri[illegible]. Trudy Gor.-geol. inst. UFAN SSSR no.41:109-112 '59.

CHELYABINSK PROVINCE—CONSTRUCTION INDUSTRY

Reorganizing the management of [illegible] overhead expenses. [illegible] 41-57 [illegible] '60.

CHELYABINSK PROVINCE—IRON ALUMINUM ALLOYS—MAGNETIC PROPERTIES

Developing a procedure for the [illegible] num alloys with high magnetic [illegible] Dobro[illegible]

CHELYABINSK PROVINCE—PIPE, STEEL

Developing a process [illegible] as replacement for [illegible] pipes. [illegible] Chelyabinsk [illegible] Ja '60.

CHELYABINSK PROVINCE—PUBLIC HEALTH

Over-all planning of measures for [illegible] care and health of the [illegible] Province. [illegible] 3-6 Mr '60.

CHELYABINSK PROVINCE—SCHOOL CHILDREN—FOOD

Taking care of school children. [illegible] pit. no.2: [illegible] 40 [illegible] '60.

CHEMICAL BONDS

Bykov, G.V. [Electronic [illegible] compounds] [illegible] soedineniiakh. Moskva, [illegible] AN SSSR, [illegible] 177 p.

Nature of the [illegible] and their role in [illegible] no.1:136-143 [illegible]

CHEMICAL ELEMENTS

Tables of physical [illegible] M.P. Vol[illegible] '60.

CHEMICAL ENGINEERING

Brief notes on books [illegible] by [illegible] Peshkhonov[illegible]. Vest. [illegible] My '60

The effect of [illegible] tary [illegible] I.E. [illegible] no.1:17-20 [illegible]

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Boring of [illegible] Khim. mash. no.1:[illegible]

Effective use of [illegible] ery [illegible]

Forging a [illegible] Khim. mash. [illegible]

Glass plastic [illegible] B.I. Rudoi. [illegible]

Machining of [illegible] S.S. Minder [illegible]

Machining of [illegible] means of [illegible] Faraizman [illegible]

Manufacturing [illegible] stamping method [illegible] Khim. mash. no.1:11 [illegible]

On the threshold of [illegible] plan. Khim. mash. [illegible]

Rotating [illegible] processes. A.M. [illegible] no.1:4-5 Ja '60.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Chemical engineering—Equipment and supplies

CHEMICAL INDUSTRIES
(see also subdivision under Bulgaria; Crimea; Rumania; Saratov)

Results on the topic of "Chemistry under the seven-year plan." V. Andreeva. Khim. v shkole 15 no.1:95-96 Ja-F '60.

What [illegible] workers expect from the chemical industry. [illegible] Khim. prom. [illegible] no.1:5-6 Ja '60.

CHEMICAL INDUSTRIES—CONGRESSES

[illegible] Khim. prom. no.7:641 O '59.

CHEMICAL INDUSTRIES—PERIODICALS

Journal "Chemical science and industry." Khim. v shkole 15 no.1:94 Ja-F '60.

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

[illegible] of all members of the plant. [illegible] no.1:[illegible] Ja '60.

CHEMICAL REACTION, RATE OF

Determination of the rate of the reaction between atomic oxygen and molecular hydrogen. V.V. A[illegible], V.V. Voevodskii, A.B. Nalbandian. Dokl. AN SSSR 130 no.1:[illegible] Ja '60.

[illegible] taking place in irradiated substances [with summary in English]. M.A. Mo[illegible]. Vest. [illegible] no.1:[illegible] Ja '60.

Method [illegible] the mechanism of fast reactions [illegible] A. [illegible] B.A. [illegible] Ja '60.

CHEMICAL REACTIONS—STUDY AND TEACHING

[illegible] the concept of "decomposition reaction" [illegible] Khim. v shkole 15 no.1:31 [illegible] Ja-F '60.

CHEMICAL SOLUTIONS see Solutions, Chemical

CHEMICAL [illegible] see [illegible] White [illegible]

CHEMICAL [illegible]

[illegible] from the [illegible] Vopr. [illegible]

CHEMICAL TESTS AND REAGENTS

[illegible] reaction for gallium [with summary in English]. I.M. Korenman, [illegible] Ja '60.

[illegible] determination of gallium [with summary in English]. A.M. [illegible] I.A. [illegible] 15 no.1:43-49 Ja '60.

[illegible] by means of [illegible] [with summary in English]. [illegible] anal. khim. 15 [illegible]

CHEMISTRY

[illegible] Vest. AN SSSR [illegible]

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

[illegible] Mendeleev [illegible]

[illegible] in Paris. P. Dykhina. [illegible]

CHEMISTRY—EXPERIMENTS

Apparatus for an experimental proof of the law of conservation of matter. I.P. Anosov. Khim. v shkole 15 [illegible] Ja-F '60.

[illegible] in the bromination of benzene." [illegible] N.A. Sazanova. Khim. v shkole 15 [illegible] Ja-F '60.

[illegible] of the operation of well drilling in the extraction of brines. P.P. Chernov. Khim. v shkole 15 no.1:58-59 Ja-F '60.

[illegible] preparing a combustible mixture. A. Khalov. Khim. v shkole 15 no.1:63 Ja-F '60.

Method of [illegible] the conditions of ammonia synthesis. [illegible] Khim. v shkole 15 no.1: 62-64 Ja-F '60.

Series of [illegible] A.N. Glakhov. Khim. v shkole 15 no.1:85-87 Ja-F '60.

Preparation of a resin. D.S. Tsipelev. Khim. v shkole 15 no.1:[illegible] Ja-F '60.

Preparation of caprone resin from caprolactam. I.S. [illegible] M.I. Falezin. Khim. v shkole 15 no.1:65-67 Ja-F '60.

Simple experiments in diffusion. G.N. Ganina. Khim. v shkole 15 no.1:[illegible] Ja-F '60.

Synthesis of lead compounds in the laboratory. S. Dzhanibekov. Khim. v shkole 15 no.1:73 Ja-F '60.

CHEMISTRY—HANDBOOKS, MANUALS, ETC.

[illegible], A.I. [Chemistry] Khimiia. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 351 p.

Strugatskii, M.K., and B.P. Nadeinskii. [General chemistry] Obshchaia khimiia. Izd. 2., perer. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 388 p.

CHEMISTRY—HISTORY

Important anniversary dates in the history of chemistry in 1960. K.IA. Parmenov. Khim. v shkole 15 no.1:20-23 Ja-F '60.

CHEMISTRY—PERIODICALS

Journal "Chemical science and industry." Khim. v shkole 15 no.1:93 Ja-F '60.

CHEMISTRY—SOCIETIES, ETC.

Work of a club of young chemists. M.P. Khilobok. Khim. v shkole 15 no.1:80 Ja-F '60.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Moscow)

Deficiencies in the training and amount of knowledge of chemistry students. M.V. Fediakin. Khim. v shkole 15 no.1:43-46 Ja-F '60.

Develop with understanding the interest in chemistry manifested by young adults. O.I. Rakavishnikova. Khim. v shkole 15 no.1:80-83 Ja-F '60.

Graphic form of D.I. Mendeleev's periodic table. M.P. Matonkov. Khim. v shkole 15 no.1:87 Ja-F '60.

Inconsistency between the explanatory notes and the planned program. N.I. Avdiukin. Khim. v shkole 15 no.1:59-60 Ja-F '60.

Our suggestions. N.P. Tverdovskii. Khim. v shkole 15 no.1:60-61 Ja-F '60.

Planned chemistry program. P.P. Ivanov. Khim. v shkole 15 no.1:61 Ja-F '60.

Planned chemistry program for the eight-year and eleven-year schools. D.M. Kiriushkin. Khim. v shkole 15 no.1:57-59 Ja-F '60.

Planned chemistry program requires a serious review. A.D. Smirnov, I.V. Shilonova. Khim. v shkole 15 no.1:51-55 Ja-F '60.

Results of chemistry instruction in the 1957-1958 academic year. T.A. Iukhkina. Khim. v shkole 15 no.1: 36-43 Ja-F '60.

Storage and demonstration of charts and diagrams. G.A. Ztaschuk. Khim. v shkole 15 no.1:83 Ja-F '60.

To the young teachers. F.P. Konova. Khim. v shkole 15 no.1:77-80 Ja-F '60.

Using the everyday experience of students in chemistry classes. A.N. Popova. [illegible] no.6: [illegible] '60.

Why is the knowledge of chemistry possessed by secondary school graduates too abstract? N.S. Prokudov. Khim. v shkole 15 no.1:17-18 Ja-F '60.

CHEMISTRY, AGRICULTURAL see Agricultural chemistry

CHEMISTRY, ANALYTICAL
(see also subdivision under China)

Brief reports. Zav. lab. 26 no.1:63-64 '60.

Brief reports. Zav. lab. 26 no.2:160 '60.

[illegible], IU.S. [Physicochemical methods of analysis] Fiziko-khimicheskie metody analiza. Izd. 3. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 430 p.

CHEMISTRY, ANALYTICAL—QUALITATIVE

[illegible], A.I., V.P. Mishin, and V.K. Tito [Semimicro qualitative chemical analysis] [illegible] Moskva, Gos. izd-vo [illegible] lit-ry, 1960. 230 p.

Klitachko, IU.A., and Sh.A. Shapiro. [Course in qualitative analysis] Kurs khimicheskogo kachestvennogo analiza. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 704 p.

Teaching qualitative analysis by fractional method. V.I. Murashova, T.G. Malkina. Vest. vys. shkoly 17[i.e. 18] no.5:70-73 My '60.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Nalimov, V.V. [Mathematical statistics in the analysis of matter] Primenenie matematicheskoi statistiki pri analize veshchestva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 430 p.

CHEMISTRY, FORENSIC

Method for detection of Rh (D) agglutinogen in blood stains. Z.P. Vasil'eva. Sud.-med. ekspert. 2 no.4: 36-40 O-D '59.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Medical and pharmaceutical

CHEMISTRY, ORGANIC

Main periods in the development of the electron theories of organic chemistry. G.V. Bykov. Vop. ist. est. i tekh. no.7:41-47 '59.

CHEMISTRY, ORGANIC—SYNTHESIS

Formation and consumption of polyphosphates due to the action of an enzyme isolated from Azotobacter vinelandii. G.N. Zaitseva, A.N. Belozerskii. Dokl. AN SSSR 132 no.4:950-953 Je '60.

Klabunovskii, E.I. [Asymmetrical synthesis] Asimmetricheskii sintez. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 229 p.

Mechanism of diene synthesis reactions. M.G. Gonikberg. Zhur. fiz. khim. 34 no.1:225-226 Ja '60.

CHEMISTRY, PHOTOGRAPHIC see Photographic chemistry

CHEMISTRY, PHYSICAL AND THEORETICAL

Foreword. K. P. Mishchenko. Trudy VNIIM no. [illegible] '60.

Frost, A. V. [Selected scientific works] Izbrannye nauchnye trudy. [Moskva] Izd-vo Mosk. univ., 1960. 514 p.

History of physical chemistry; work of Helmholtz in the field of physical chemistry. I. S. Polak, Iu. I. Solov'ev. Vop. ist. est. i tekh. no. 8:10-20 '60.

Use of the theory of groups in quantum chemistry. Part I [with summary in English]. O. I. Davtian. [illegible] 13 no. 1:103-116 '60.

CHEMISTRY, TECHNICAL
(see also subdivision under Tashkent)

Menkovskii, M. A. [Chemistry in coal mining] Khimiia v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 101 p.

CHEMISTRY, TECHNICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Technical

CHEMOTHERAPY

Present status of the chemotherapy of cancer. M. I. [illegible]. Trudy Inst. [illegible] AN Kazakh. SSR 5:[illegible] '59.

CHEREPOVETS—CULTURE

Following the dream. V. Beliaev. Kul't.-prosv. rab. 21 no. 1:26 Ja '60.

CHEREPOVETS—SINTERING

Physical properties of fluxed sinter produced by the Cherepovets Plant [with summary in English]. N. M. [illegible], A. D. [illegible]. [illegible] 11:10-15 '60.

CHERKASSY—TEACHERS, TRAINING OF

Our experience in organizing the practical work of future teachers. P. L. Kaufman. [illegible] '30 no. 4:66-69 Ap '60.

CHERKASSY DISTRICT—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Getting ready for spring field work in a collective farm. M. [illegible], M. Ponomarenko, V. Ponomarenko. [illegible]

CHERKASSY PROVINCE—AGRICULTURE—PERIODICALS

Bulletin of Cherkassy Province ("Bulletin of agricultural information") no. 1, 1959. Reviewed by A. [illegible]. [illegible]

CHERKASSY PROVINCE—BUILDING—COLD WEATHER CONDITIONS

Striving for rapid construction in winter. A. Shelud'chenko. Sil'. bud. 10 no. 1:11 Ja '60.

CHERKASSY PROVINCE—BUILDING MATERIALS

Extending production of local building materials. V. Popovych. Sil'. bud. [illegible] no. 12:14-15 D '59.

CHERKASSY PROVINCE—LECTURES AND LECTURING

Preparation of political and scientific knowledge should contribute to the solution of production objectives. V. Oparin. Komm. Ukr. 15 no. 3:[illegible] '60.

CHERNAYA RIVER (ABKHAZIA)—TROUT—DISEASES AND PESTS

Clinical aspects of anemia in trout in the Chernaya River region. O. P. [illegible]. Trudy Sukh. [illegible] no. 9:71-77 '59.

CHERNIGOV—THREAD

Apparatus for processing threads. A. [illegible]. Kozh.-obuv. prom. [illegible] '60.

CHERNIGOV DISTRICT—COLLECTIVE FARMS

Introducing scientific farm management. A. H. [illegible], O. O. [illegible]. Kolh. Ukr. [illegible] no. 4:10 [illegible] '60.

CHERNIGOV PROVINCE—AFFORESTATION

Reclaiming swampy areas. N. V. [illegible]. Les. khoz. 13 no. 2:67-68 F '60.

CHERNIGOV PROVINCE—FORESTS AND FORESTRY

Master of the forest. Mykola [illegible]. Ukraina no. 4:20-21 F '60.

CHERNIGOV PROVINCE—FRUIT CULTURE

Obtaining high fruit yields every year. I. P. Musiaka, O. P. [illegible]. Kolh. Ukr. [illegible] no. 2:[illegible] F '60.

CHERNOV, NIKOLAI VLADIMIROVICH, 1889-

On the occasion of the 70th birthday of Professor N. V. Chernov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 6:138-139 '59.

Seventieth birthday anniversary of Professor N. V. Chernov. Kozh.-obuv. prom. 2 no. 1:[illegible] Ja '60.

CHERNOVTSY—GUIDEBOOKS

Chernovtsy. Kraieznavchyi muzei. [Chernovtsy, a guidebook] Chernivtsi, dovidnyk-putivnyk. Chernivtsi, Chernivets'ke obl. vyd-vo, 1959. 113 p.
[MICROFILM]

CHERNOVTSY PROVINCE—AGRICULTURE

We should skillfully combine economic work with political activities. A. [illegible]. Komm. Ukr. 35 no. 2:40-46 F '60.

CHERNOVTSY PROVINCE—INDUSTRIAL HYGIENE

[illegible]

CHERNOVTSY PROVINCE—PUBLIC HEALTH

[illegible]

CHERNOZEM SOILS
(see also subdivision under Kazakhstan; Northern Kazakhstan)

Depth of moisture penetration [illegible]

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Chernyshevskii in Lenin's evaluation. [illegible] no. 1:[illegible] Ja '60.

CHERNYSHOV, FEODOSII NIKOLAEVICH, 1856-1914

[illegible]

Problems of hydrogeology [illegible]

CHERRY
(see also subdivision under Tatar [illegible])

Dynamics of the development of the absorbing part of the root system in cherry trees [with summary in English]. V. V. [illegible]. Biul. MOIP. [illegible] '60.

[illegible]

[illegible]

A cameo with [illegible]. Sov. arkheol. [illegible]

CHESS

[illegible]

CHESS—COLLECTIONS OF GAMES

[illegible]

CHESS—MIDDLE GAMES

[illegible]

CHESS—TOURNAMENTS

[illegible]

CHESS PROBLEMS

[illegible]

CHEST—INNERVATION

Autonomic nerves [illegible] vation of the heart and lungs. [illegible] AN Uz. SSR no. 12:51-55 '59.

CHEST—SURGERY

Anesthesia in surgery [illegible]

"Manual of thoracic surgery" [illegible]. Reviewed by A. N. [illegible]

CHEWING see Mastication

CHICAGO

New York—Washington—Chicago. B. N. [illegible]. Vokrug sveta no. 1:15-[illegible] Ja '60.

[illegible]

CHILDREN—HOSPITALS see subdivision under Stalinabad

CHILDREN—LANGUAGE
For pure and correct speech in children. [illegible] Doshk.vosp. 33 no.3:40-41 Mr '60.

Some peculiarities of the interaction of the [illegible] systems in children with different levels of [illegible] of speech. [illegible] Dokl. AN [illegible]

CHILDREN—MANAGEMENT
(see also subdivision under Moscow)
Antipedagogical measures. [illegible] Doshk. vosp. 33 no.2:87-90 F '60.
Basic problems in the education of younger preschool children. O. Semyrenko. Doshk. vykh. 21 no.2:15-18 F '60.
Developing uprightness in children. D.[illegible] [illegible] stat. 36 no.1:17-18 Ja '60.
Encouraging the performance of personal [illegible] by students. [illegible] P. Novospasskaia. Det.dom [illegible] 4:16-21 '59.
Individual work with children. M.D.Manukhina. Det. dom 16 no.4:31-34 '59.
Let's thoroughly study the problems of the [illegible] work habits. O.[illegible] [illegible] 21 no.1:[illegible] Ja '59.
The management of children. A. [illegible] no.1:39 Ja '60.
N.K.Krupskaia on the psychological preparation of students for their future work. V.F.Bodko. [illegible] no.2:[illegible] F '60.
N.K.Krupskaia's views on the family training of children. V.P.Menshchinskaia. [illegible] 30 no.2:[illegible]
Program on the inculcation of [illegible] of great importance. [illegible] no.1:[illegible] Ja '60.
Role of duty hours in the inculcation of [illegible] Obraztsova. Doshk.vosp. 33 no.2:[illegible]
Training of the young child in the family. [illegible] Med.sestra 19 no.3:14-16 Mr '60.

CHILDREN—MANAGEMENT—STUDY AND TEACHING
Each collective farm kindergarten [illegible] preschool children [illegible] H.Chumachenko. Doshk. [illegible]

CHILDREN—NUTRITION
Children's nutrition. [illegible] Mr '60.
Sweets in the child's diet. [illegible] 6 no.2:24-26 F '60.

CHILDREN—RELIGIOUS LIFE
Why cripple our children? [illegible] no.2:39-42 F '60.

CHILDREN—SURGERY
Minutes of session no. [illegible] the Pirogov Surgical Society [illegible] 83 no.12:137-138 D '59.

CHILDREN AS ARTISTS
(see also subdivision under [illegible])
Fine arts works of children. [illegible] no.4:52-57 '59.
Here children have fun. [illegible] S.F.Mineeva. Doshk.vosp. 33 no.3:44-[illegible] Mr '60.

CHILDREN'S CLOTHING
Don't dress your children too warmly. [illegible] Doshk.vykh. 21 no.3:34-35 Mr '60.
Gollato, L.P., and others. [Clothing for children of preschool age] Kostiumy dlia [illegible] vozrasta. Posobie [illegible] L.A. [illegible] Moskva, Vses.knig.izd-vo, [illegible] 117 p. [illegible] po kroike [illegible]

CHILDREN'S CLUBS
(see also subdivision under Moscow)
Village club for children. D. Khazi, [illegible] [illegible] pros.rab. 20 no.12:28-30 D '59.

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES
Akademiia pedagogicheskikh nauk RSFSR, Moscow
[Children's encyclopedia. For the middle and the older age groups] Detskaia entsiklopediia, dlia srednego i starshego vozrasta. Moskva.
Vol 3 [Numbers and figures. Matter and energy] Chisla i figury. Veshchestvo i energiia. 1959. 568 p.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE
A study of plot in children's literature. A.A. [illegible] Vest. Mosk. un. Ser. filol., zhur. [illegible]

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—HISTORY AND CRITICISM
Children talk about books. Doshk.vykh. 21 no.1:[illegible] Ja '60.
A good book ("A present from grandfather Palloi", [illegible] Reviewed by M. [illegible]) Doshk. vykh. 21 no.1:[illegible]

CHILDREN'S PERIODICALS
[illegible] V. Boyko [illegible]

CHILDREN'S PERIODICALS, UKRAINIAN
A [illegible] for the [illegible]

CHILDREN'S POETRY, UKRAINIAN—HISTORY AND CRITICISM
Our poets should write good verse for children. M.Shi. Doshk. vykh. 21 no.2:[illegible] F '60.

CHILE—[illegible]
[illegible] [Chile military] [illegible] Moskva, Gos. izd-vo [illegible] 1960. 111 p.

CHILE—POLITICS AND GOVERNMENT
"[illegible] revolution of 1891" [in Spanish] [illegible] Reviewed by [illegible]

CHIMNEYS—[illegible]
[illegible]

CHIMNEYS—[illegible]
[illegible]

CHINA—CLIMATE
Characteristics of [illegible] of the territory [illegible]

CHINA—[illegible]
[illegible]

CHINA—[illegible] see [illegible] United States

CHINA—[illegible]
[illegible]

CHINA—[illegible]
[illegible]

CHINA—BOTANY, MEDICAL
[illegible] from plants. [illegible]

CHINA—CHEMISTRY, ANALYTICAL
[illegible] in China. [illegible] Ja '60.

CHINA—CHEMICAL [illegible]
[illegible] in the [illegible] of the Chinese People's Republic. [illegible]

CHINA—CULTURE
Akademiia nauk SSSR. Institut kitaevedeniia. [Problems of the culture of the Chinese People's Republic; collection of articles] Voprosy kul'tury [illegible] Kitaiskoi Narodnoi Respubliki; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 364 p.

CHINA—ECONOMIC CONDITIONS
[illegible] Nov. vrem. 19 [illegible]
The Chinese People's Republic. Agitator no.2:11-12 Ja '60.
[Economy of the Chinese People's Republic, 1949-1959] Ekonomika Kitaiskoi narodnoi respubliki, 1949-1959. Moskva, Gospolitizdat, 1959. 104 p.
[illegible] M. [illegible], V mire knig [illegible]
People's [illegible] on the road toward the completion of the [illegible]
The road toward establishing the economic foundation of socialism in people's China. A.D.Kostikov. Nauch. dokl. vys. shkoly; filos. nauki no.1:21-29 '59.
The West and the "What's happening in China?" [in English] [illegible] Peter Townsend. Reviewed [illegible] Nov. vrem. 19 [illegible] F '60.

CHINA—ECONOMIC POLICY
Chou En-lai. [On the regulation of the basic indices of t national economic plan for 1959 and the further development of the movement for the increase of production an observance of economy; report at the Fifth Conference of the Second Permanent Committee of the All-China Assembly of People's Representatives, August 26, 1959] Ob uregulirovanii osnovnykh pokazatelei narodnokhoziai stvennogo plana na 1959 god i dal'neishem razvertyvanii dvizheniia za uvelichenie proizvodstva i sobliudenie ekonomii; doklad na 5. m zasedanii Postoiannogo Komiteta Vsekitaiskogo Sobraniia narodnykh predstavite lei vtorogo sozyva, 26 avgusta 1959 goda. Pekin, Izd-v lit-ry na inostr. iazykakh, 1959. 50 p.

CHINA—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN
The Peking Conference of Representatives, 1900-1901, and imperialist England's struggle to strengthen its position in China. S.G.Livshits. Nauch. dokl. vys. shkoly; ist. nauki no.1:155-171 '59.

CHINA—FOREIGN RELATIONS—BURMA
Triumph of the Panch Shila principles. Nov. vrem. 18 no.7:[illegible] F '60.

CHINA—FOREIGN RELATIONS—RUSSIA
Moscow–Peking. [illegible] 11 no.7:[illegible] F '60.
Treaty of friendship and brotherhood. Nov. vrem. 19 no.[illegible] '60.

CHINA—FOREIGN RELATIONS—UNITED STATES
Unmasking the aggressive policy of the U.S.A. toward China ("Defeat of American efforts to isolate China" by [illegible] Reviewed by D.M.[illegible]) Vest. ist. mir. kul't. [illegible] Ja [illegible] '60.

CHINA—[illegible]
[illegible] in five months. [illegible] Znan. sila 35 no.2:[illegible] F '60.

CHINA—IRRIGATION FARMING
Characteristics of heat and water balance on the territory of China. [illegible] Trudy GGO no.93:[illegible] '60.

CHINA—LIMESTONE
Stone forest. S.V.Zonn. [illegible] no.3:20-21 Mr '60.

CHINA—MACHINE TOOL INDUSTRY
Development of the machine tool industry in China. [illegible] Ja '60.

CHINA—MANUFACTURES
[Light industry of the Chinese People's Republic] Legkaia promyshlennost' KNR. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 20 p.

CHINA—MEDICINE
Smirnov-Kamenskii, P.A. [Two years in China; a Soviet physician's notes] Dva goda v Kitae; zapiski sovetskogo vracha. Stavropol', Knizhnoe izd-vo, 1959. 100 p.
(MICROFILM)

CHINA—MINE GASES
Gas removal from coal seams in the Chinese People's Republic. I.A.[illegible] Ugol' 35 no.2:54-55 F '60.

CHINA—MINE TIMBERING
Mine timbering in Chinese coal mines. M.G.Gelfand. Ugol' 35 no.1:40-42 Ja '60.

CHINA—MUSIC—PERIODICALS
Through the pages of the magazine "National music." [illegible] Sov. muz. 24 no.2:179-180 F '60.

CHINA—NAMES, GEOGRAPHICAL
Krotkova, Kh.P. [English-Russian and Russian-English dictionary of the geographical names of China. [illegible] 1959. 90 p.
(NN)

CHINA—NAVIGATION
Chang Hsuan. [Navigation in ancient China] Moreplavanie v drevnem Kitae. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 63 p.

CHINA—PETROLEUM INDUSTRY
The petroleum industry of China. Nar. khoz. Kazakh. 18 no.1:86-88 Ja '60.

CHINA—POLITICS AND GOVERNMENT
Gudoshnikov, L.M. [Supreme organs of the state government and state administration of the Chinese People's Republic] Vysshie organy gosudarstvennoi vlasti i gosudarstvennogo upravleniia Kitaiskoi Narodnoi Respubliki. Moskva, Izd-vo Akad. nauk SSSR, 1960. 106 p.

CHINA—PUBLIC HEALTH
Organization of public health in the people's communes of China. A.V.[illegible] Sov. zdrav. 19 no.2:82-87 '60.

CHINA - RELATIONS (GENERAL) WITH RUSSIA

[illegible] alliance of the great peoples. V. [illegible]. Agitator no. [illegible] 1960.

[illegible] that helps to develop the strength of our peoples ("History of Chinese-Soviet friendship" by [illegible]. Translated from the Chinese. [illegible] Agitator no. [illegible] 1960.

The great friendship of great peoples. V. [illegible] 1960.

[illegible] A. [illegible] 1960.

CHINA - REVOLUTION, 1911-1912

The Chinese Revolution and the lessons of the Revolution of 1905. [illegible] 1962.

CHINA - ROLLING MILLS

Expansion of rolling mill practice in the Chinese People's Republic. [illegible] Metallurg 5 no. 2 [illegible] 1960.

Technical development of rolling mill practice in the Chinese People's Republic [with summary in English] [illegible] 1960.

CHINA - SOCIAL CONDITIONS

[illegible] 1964. 108 p.

(MO [illegible])

CHINA - STOCK AND STOCKBREEDING

Results of [illegible] animal husbandry in the People's China [with summaries in [illegible], German, and French] [illegible] 1960.

CHINA - TEA

[illegible]

CHINA - TECHNICAL ASSISTANCE, [illegible]

[illegible]

CHINA - TEXTILE INDUSTRY

[illegible]

CHINA - UNDERGROUND [illegible]

[illegible] the Chinese People's Republic. [illegible]

CHINESE [illegible]

CHINESE LANGUAGE - DICTIONARIES - RUSSIAN

[illegible] I. M., [illegible] [Chinese-Russian dictionary; [illegible] than 70,000 [illegible] Moskva, [illegible] 1959. 1098 p.

([illegible])

CHINESE LANGUAGE - STUDY AND TEACHING

[illegible]

CHINESE LANGUAGE - WRITING

[illegible]

CHINESE LITERATURE - COLLECTIONS

[illegible] literature. Translated from the Chinese. [illegible] Moskva. Vol. 1. (Ancient. Medieval Age [illegible] literature). [illegible] 1959. 527 p.

CHINESE PERIODICALS

[illegible]

CHINESE STUDIES (SPECIALISTS) - CONGRESSES

[illegible] International Congress of Sinologists. V. [illegible] Vop [illegible] 1960.

CHIPBOARD, MANUFACTURE

[illegible]

CHIRCHIK [illegible] see [illegible] Krasnodar Territory. [illegible] Reservoir

CHISTOPOL - WATER SUPPLY

Evaluation of the chemical and bacteriological composition of the underground waters and the sanitary safeguarding of the water supply sources of Chistopol'. [illegible] '59

CHLORIDE OF LIME see Lime, Chloride of

CHLORIDES

Thermal explosion [illegible]

CHLORINE

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CHLORINE - [illegible]

[illegible]

CHLOROFORM

Study of [illegible]

CHLOROMA

[illegible]

CHLOROMYCETIN

[illegible]

CHLOROPHYLL

Aggregation [illegible]

[illegible]

[illegible]

CHLOROPHYLL - [illegible]

[illegible]

[illegible]

CHLOROPHYLLIN

Aggregation of [illegible]

CHLORPROMAZINE

Effect [illegible]

[illegible]

CHOCOLATE - ANALYSIS

[illegible]

CHOICE OF PROFESSION see Vocational guidance

CHOLANIC ACID

[illegible]

CHOLESTEROL

[illegible] changes of the [illegible] during the development of experimental hypertension [illegible] [with summary in English]. [illegible]

[illegible]

Influence of vitamin [illegible] on the [illegible] hypercholesterolemia [illegible] [with summary in English]. [illegible] '60

[illegible]

CHROMATOPHORES

Effect of calcium ions on the respiration of isolated chloroplasts. B. P. Shatenov, R. P. Ivanova. Izv. Kom. i Kol'. fil. AN SSSR no. 4 76-81 '59.

CHROMITES

Preparing [illegible] chrome [illegible] M. V. Kireev, A. A. [illegible] shenko. Zhur. prikl. khim. 33 no. 2 [illegible] 480 [illegible] '60.

Role of calcium oxide in the process of oxidation of chromite schists. M. V. Kireev, A. A. Kolesnikov. Zhur. prikl. khim. 33 no. 1 [illegible] Ja '60.

CHROMIUM

Fusion of chromium in a suspended state. [illegible] and others. Zhur. prikl. khim. 33 no. [illegible] '60.

CHROMIUM - CORROSION

Structural and kinetic study of the oxidation process of nickel, chromium, and their alloys. [illegible] Shamgunova. Izv. vys. ucheb. zav.; [illegible] '59.

CHROMIUM - METALLOGRAPHY

Effect of structure on the plasticity of chromium. V. N. Goldov, V. I. Trefilov, A. I. Butchenko. Izv. vys. ucheb. zav.; [illegible] '59.

CHROMIUM - METALLURGY

Preparation of pure chromium. [illegible] Ageev, [illegible] [illegible] Izv. vys. ucheb. zav.; [illegible] '59.

CHROMIUM - TOXICOLOGY

Combined poisoning from arsenic and chromium. V. A. Bobrikov. [illegible] '60.

CHROMIUM ALLOYS

Chromium carbide hard alloys. [illegible] Grigor'eva, [illegible] Klimenko. [illegible] '60.

CHROMIUM CARBIDE - ANALYSIS

Determination of free carbon in chromium carbide. [illegible] Kosolapova, [illegible] Zav. lab. 26 no. [illegible] '60.

CHROMIUM CARBIDES

Properties of chromium carbides [illegible] [illegible] Izv. vys. ucheb. zav.; [illegible] '60.

CHROMIUM MANGANESE ALLOYS

Conditions for the [illegible] chromium with other elements. [illegible] Vagramian, Zhur. fiz. khim. [illegible]

CHROMIUM MOLYBDENUM STEEL - ANALYSIS

Micro [illegible] analysis of the surface of fractures of molybdenum steel. [illegible] Zav. lab. 26 no. [illegible] '60.

CHROMIUM NIOBIUM VANADIUM ALLOYS

Investigating the chromium [illegible] '60.

CHROMIUM PLATING

Chromium plating [illegible] current on direct current. [illegible] V. I. [illegible] Zhur. prikl. khim. [illegible] '60.

Chromium plating with asymmetrical alternating current. A. V. Pomitov, A. I. [illegible] khim. Zhur. 26 no. [illegible]

Investigating cathodic films [illegible] chromic acid. A. [illegible] Pliomies, Zhur. prikl. [illegible]

CHROMIUM RHENIUM ALLOYS

Conditions for the electrolytic [illegible] chromium with other elements. [illegible] Vagramian, Zhur. fiz. khim. 34 [illegible]

CHROMIUM SELENIUM ALLOYS

Conditions for the electrolytic [illegible] chromium with other elements. [illegible] Vagramian. Zhur. fiz. khim. 34 [illegible]

CHROMIUM SULFATE

Chromatographic separation [illegible] solution of chromic sulfate. [illegible] and others. [illegible]

CHROMIUM-TUNGSTEN MOLYBDENUM ALLOYS

Constitutional diagram of the ternary system chromium tungsten molybdenum. [illegible] Prokof'ev. [illegible]

CHROMOLITHOGRAPHY see subdivision under Odessa

CHROMOSOMES

Mechanism of the self-duplication of elementary cell structures. Pt. 1: Nature of the reaction forces between chromosomes. D. S. Zyelasov. TSitologiia 2 no. 1:62-67 Ja-F '60.

Use of oxyquinoline in studying chromosomes. V. G. Grif. TSitologiia 2 no. 1:88-89 Ja-F '60.

CHRONAXIA

Changes in the optic chronaxie of patients with hypertension under the influence of hydrogen sulfide and radon baths. [illegible] Chernovtsova. Vop. kur., fizioter. i lech. fiz. kul't. [illegible] '60.

Effect of repeated small doses of penetrating radiations on the chronaxie and chronaxy [illegible] in rabbits. I. V. Malinin [illegible] 35 no. 11:1170-1181 N '59.

CH'U, CH'IU PO

A distinguished son of the Chinese people ("Sketches and articles" by Ch'u Ch'iu po. Reviewed by G. Sudharchuk) Novyi mir 36 no. 1:277-279 Ja '60.

CHU VALLEY - CITIES AND TOWNS, MEDIEVAL

Kho hemitho, P. N. [Early medieval cities and settlements of the Chu Valley] Rannesrednevekovye goroda i poseleniia Chuiskoi doliny. Frunze, Akad. nauk Kirgizskoi SSR, 1959. 183 p.

CHUBAKOVA, VERA

"The road doesn't end beyond the horizon" by Vera Chubakova. Reviewed by G. Tikhatskaia. Zvezda no. 12 210 D '59.

CHUCKS

Reconditioning lathe chucks. G. G. Mikhailov, P. M. [illegible] no. 2 [illegible] '60.

[illegible] pneumatic three-jawed chuck. N. G. Pushko. [illegible] no. 1 [illegible] '60.

CHUGUEV - FARM MECHANIZATION - STUDY AND TEACHING

Mechanizers study their specialty. [illegible] Ukraina no. 4 [illegible] '60.

CHUKCHI NATIONAL AREA - DESCRIPTION AND TRAVEL

[illegible] Chukotka. [illegible] Neva no. 2:163-172 '60.

CHUKCHI NATIONAL AREA - GOLD MINES AND MINING

Gold of the North. V. [illegible] Ogonek 38 no. [illegible] '60.

CHUKCHI NATIONAL AREA - PROSPECTING

Gold of the North (Conclusion). V. Rudim. Ogonek [illegible] '60.

CHURCH AND SLAVERY see Slavery and the church

CHURCH AND STATE

[illegible] no. [illegible] Ja '60.

CHUVASHIA - FURNITURE INDUSTRY

[illegible] V. Kondrat'ev. [illegible] '60.

CHUVASHIA - HISTORY

Petrov, T. T. [Chuvashia during the foreign intervention and civil war] Chuvashiia v period inostrannoi interventsii i grazhdanskoi voiny. Cheboksary, Chuvashskoe izdat, [illegible]
(MIRA [illegible])

CHUVASHIA - [illegible]

[illegible] Priroda [illegible]

CHYMOTRYPSIN

[illegible] by weakening [illegible] according to [illegible]

CIMMERIAN BOSPORUS (KINGDOM)

[illegible] Evpator. A. I. Boltunova. Vest. drev. ist. [illegible] '59.

CIMMERIAN BOSPORUS (KINGDOM) - INSCRIPTIONS, GREEK

[illegible] inscriptions, notes and publications. A. I. Boltunova. Vest. drev. ist. no. 4:102-110 '59.

CIMMERIAN BOSPORUS (KINGDOM) - SEPULCHRAL MONUMENTS

Letter to the editor. Sov. arkheol. 4 no. 1:330 '60.

CIMMERIAN BOSPORUS (KINGDOM) - TOMBS

[illegible] in the region of the [illegible] near Kerch. [illegible] V. I. Kunin. Mat. i issl. po arkheol. [illegible] 358 '59.

[illegible] in the region of the Vyshne settlement near Kerch. [illegible] Mat. i issl. po arkheol. no. 69, [illegible]

[illegible] of several Bosporan cities, based on materials of archaeological excavations in the nineteen [illegible] Mat. i issl. po arkheol. no. 69 [illegible] '59.

New findings from necropolises on the Kerch Peninsula. [illegible] Mat. i issl. po arkheol. no. 69 239-250 '59.

[illegible] necropolis of Bosporan cities dating from the [illegible] fourth centuries B. C. and their local distinguishing features. [illegible] Mat. i issl. po arkheol. no. [illegible] '59.

CINDER BLOCKS

Foamed cinder-concrete wall blocks. Biul. izobr. prodl. v stroi. no. 12 9-11 '59.

CINNAMUS, JOANNES, 12th cent.

The work of Joannes Cinnamus as an historical source. M. M. Freidenberg. Viz. vrem. 16:29-51 '59.

CINQUIL OIL see subdivision under Kazakhstan

CIRCUMCISION

Circumcision. [illegible] Gershovich. Nauka i rel. no. 2 43-45 F '60.

CIRCUS see subdivision under Daghestan

CIRRIPEDIA see subdivision under Black Sea

CITIES AND TOWNS
(see also subdivision under Russia, Northwestern)

Dynamics of the urban population in Russia during the second half of 18th century. I. F. Rybakov. Uch. zap. LGU no. 288:181-210 '59.

CITIES AND TOWNS - CIVIC IMPROVEMENT

In memory of Il'ich. [illegible] Vorob'eva. Illu. mat. no. 2:1 F '60.

This can be done everywhere. N. Stoliarov. Illu. mat. no. 2:1 [illegible] '60.

CITIES AND TOWNS, MEDIEVAL see subdivision under Russia, Northern

CITIES AND TOWNS, RUINED, EXTINCT, ETC.
(see also subdivision under Dnieper Valley; Mongolia, Seym Valley, Kursk Province; Sula Valley, Gadiach District)

At the excavations of Old Russian "Pompeii." T. Volynskii. Znan. ta pratsia no. 1:12 14 Ja '60.

Discovery and identification of ruins of the medieval settlement of [illegible] M. [illegible] Masson. Izv. AN Turk. SSR no. 6:86 91 '59.

CITRAL

Cyclization of pseudoionone and citral analogs. S. M. Makin, V. B. Mochalin, D. V. Nazarova. Zhur. ob. khim. 30 no. 5 1474-1476 My '60.

Treating cracked nipples with citral. G. M. Osnos. Sov. med. 24 no. 1:136-139 Ja '60.

CITRIC ACID

Complex forming reactions between nickel ion and citric acid ions, as related to the pH of the aqueous solution. V. N. Tikhonovich. Trudy VGU 57:91-92 '59.

Electromigration method of determining the instability constants of complex compounds of infinitely diluted elements. Part 3: Determination of the constants for complex formation between some lanthanides and citric acid. A. V. [illegible] V. P. [illegible] Radiokhimiia 1 no. 6:668-674 '59.

Properties of citric complexes of lead, as related to the pH of the aqueous medium. A. S. Tikhonov. Trudy VGU 40:79-91 '58.

[illegible] problems in the synthesis of tagged compounds. A. P. [illegible] and others. Radiokhimiia 1 no. 6:744-[illegible] '59.

CITRUS FRUITS

Speeding up the fruiting of citrus seedlings. N. I. Matsuradze. Agrobiologiia no. 1:63 66 Ja-F '60.

CITY PLANNING
(see also subdivision under Kiev; Krivoy Rog; Lyubertsy; Minsk Province; Moldavia; Odessa Province; Ural Mountain region; White Russia)

Architectural planning of the central parts of small cities. A. Stanislavskii. Stroi. i arkhit. 9 no. 1:3-5 Ja '60.

Distribution of enterprises serving public needs in residential districts. I. Tatarzhinskii, E. Kondrashnikova. Zhil. stroi. no. 2:27-31 F '60.

Large-scale planning of microdistricts and problems in designing public buildings. A. Pozharskii. Arkhit. SSSR no. 2:6-9 '60.

Lipotsker, M. S., and B. V. Erofeev. [Land utilization in cities, workingmen's settlements, summer and health resorts] Zemlepol'zovanie v gorodakh, rabochikh, dachnykh i kurortnykh poselkakh. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 285 p.

Planning and building rural settlements. N. Bykov. Zhil. stroi. no. 1:2-5 Ja '60.

Remarks
[illegible]
What's ne
no. 2 55

CITY PLANNIN[illegible]

All-Union Confer
no. 2 1 '60

CITY TRAFFIC

Inside housing de
dvizh. no. 1:6 7

CIVIL LAW
(see also subdiv

Apropos of the dr
S. S. S. R. T. Las
N-D '59.

Do we need a spec
for the realizatio
pravo no. 1:87 81

CIVIL LAW (Continued)

Economic law as an independent branch of Soviet socialist law. P. Shcherbin, I. Pechenkin, E. Altshter. Rad. pravo no.6:84-90 N-D '59.

Is there a single civil law or are there two? M. Gordon. Rad. pravo no.6:90-93 N-D '59.

CIVIL PROCEDURE

Let's improve the review proceedings in civil cases. M. Danchenko, B. Kulyk. Rad. pravo no.1:71-73 Ja-F '60.

CIVIL RIGHTS
(see also subdivision under United States)

Shakhnazarov, G.Kh. [Communism and the freedom of the individual] Kommunizm i svoboda lichnosti. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 103 p.

CIVILIZATION, MYCENAEAN

The "teleta" of the Pylos inscriptions; origin of large-scale land ownership in Mycenaean Greece. A.I. Tiumenev. Vest. drev. ist. no.4:13-[illegible] '59.

CLASSIFICATION — BOOKS

Falsification of history in the U.S. official bibliographic classification. [illegible] Trudy [illegible]

Russia (1917- R.S.F.S.R.) Ministerstvo kul'tury. [Library classification tables for children's libraries] Tablitsy bibliotechnoi klassifikatsii dlia detskikh bibliotek. Moskva, [illegible] 1960. 87 p.

Russia (1917- R.S.F.S.R.) Ministerstvo kul'tury. [Library classification tables for public libraries] Tablitsy bibliotechnoi klassifikatsii dlia massovykh bibliotek. Red. [illegible] Z.N. Ambartsumian. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 106 p.

CLAVICLE — FRACTURE

Splint for the functional treatment of closed fractures of the clavicle. P.G. Lobanovskii. Ortop., travm. i protez. 20 no.12:44-46 D '59.

CLAY
(see also subdivision under Chelyabinsk Province, [illegible])

Determining the [illegible] [illegible]

Developing a method for [illegible] [illegible]

Investigating [illegible] [illegible]

Method of evaluating the efficiency of clay [illegible] equipment. [illegible]

Studying the [illegible] [illegible]

Two remarks on the article by [illegible] [illegible]

CLAY — ANALYSIS

Chemical composition [illegible] [illegible]

Composition of clay [illegible] [illegible]

Relationship between the [illegible] [illegible]

CLEANING AND DYEING INDUSTRY see subdivision under Dnepropetrovsk

CLEANLINESS see Hygiene

CLEARING OF LAND

Efficient method of clearing felling areas. I.I. [illegible] chenko. Les. prom. 38 no.1:40-42 Ja '60.

RGD-150 stump grubber and remover. A.S. [illegible] Trakt. i sel'khozmash. 30 no.2:16-17 F '60.

CLEFT PALATE see Palate, Cleft

CLIMACTERIC

Some data on the state of the nervous system in climacteric neurosis [with summary in English]. [illegible] Sov. med. 24 no.1:80-85 Ja '60.

CLIMATOLOGY
(see also subdivision 'Climate' under China, Kazakhstan, Lvov; Moscow Province, Tiflis region, Ukraine)

Methods for working up data of meteorological observations for climatological purposes. [illegible] Meteor. i gidrol. no.3:26-[illegible] Mr '60.

Refining the establishment of climatic zones to be considered in planning highways. N.A. Puzakov. Avt. dor. 24 no.1:27-28 Ja '60.

CLIMATOLOGY, MEDICAL

Conference on the problem [illegible] [illegible]

CLIMBING PLANTS see subdivision under [illegible]

CLINKER BRICK

[illegible]

CLOCKMAKING AND WATCHMAKING see subdivision under [illegible]

CLOCKS, ELECTRIC

[illegible]

CLOCKS AND WATCHES

[illegible]

CLOCKS AND WATCHES — [illegible]

[illegible]

CLOSTRIDIUM [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CLOVER

[illegible]

CLUBS

[illegible]

CLUTCHES (MACHINERY)

[illegible]

CLUTCHES (MACHINERY) — [illegible]

[illegible]

COAL

[illegible]

COAL MINES AND MINING (Continued)

Further by all means the automatization of coal mining. M. T. Matveev. Ugol' Ukr. 4 no. 1:17 Ja '60.

Increasing the rate of mining operations is a potentiality for the improvement of all technical and economic indices. A. M. Martynenko. Ugol' Ukr. 4 no. 1:22-24 Ja '60.

Menkovskii, M. A. [Chemistry in coal mining] Khimiia v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 151 p.

"Principles of technical progress in coal mining in the U.S.S.R." is a necessary and timely publication. I. P. Krasnov and others. Ugol' Ukr. 4 no. 1:45-46 Ja '60.

Review of "Regularities in the appearance of rock pressure" by A. M. Il'shtein. V. [illegible] Bezop. truda v prom. 4 no. 2:36 [illegible] '60.

Rock pressure control in mining steep seams by means of complete caving. V. S. Alekseev, M. I. Mottel'skii. Ugol' Ukr. 4 no. 1:26-28 Ja '60.

COAL MINES AND MINING—ACCIDENTS see subdivision under Donets Basin

COAL MINES AND MINING—ACCOUNTING

"Accounting in the coal industry" by V. [illegible] "Accounting for the production and sale of products in the coal industry" by S. [illegible] "Machine accounting in the coal industry" by N. [illegible] Reviewed by [illegible] Bukhg. uchet 17 no. 1:[illegible] '60.

COAL MINES AND MINING—AIR CONDITIONING

(see also subdivision under Donets Basin)

Air conditioning in coal mines. [illegible] chvina 8 no. 11:30-[illegible]

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—COSTS

Analysis of coal mining [illegible] uchet 14 no. 10:41-[illegible] '60.

Economic efficiency of [illegible] draulic methods. P. A. [illegible] gor. zhur. no. 1:[illegible]

Technical and economic advantages [illegible] sectional shields. [illegible] AN [illegible]

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

(see also subdivision under Donets Basin; Kuznetsk Basin)

Improving the utilization of capital [illegible] mining industry. [illegible] Ja '60.

Landa, K. D. [[illegible] of plastic [illegible] ule plastichnykh [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry [illegible] delu, 1960. 30 p.

Possibility of using [illegible] V. P. Andrianov. Izv. [illegible] '60.

Results of [illegible] shields. [illegible] delu [illegible]

Using coal picks for [illegible] Ugol' Ukr. 4 [illegible] Ja '60.

COAL MINES AND MINING—FIRE AND FIRE PREVENTION

(see also subdivision under [illegible] Basin)

Colloidal properties of [illegible] dorova, Z. [illegible] SSSR no. 41:[illegible]

COAL MINES AND MINING—RESEARCH

Scientists' contribution to progress in [illegible] Nesterenko. Ugol' Ukr. 4 [illegible] Ja '60.

COAL MINES AND MINING—SAFETY MEASURES

"Effect of the time element [illegible]" by N. I. Zhirkov, [illegible] Roxanlere, V. N. [illegible] Ja '60.

Initiative [illegible]

Readers' response to I. V. [illegible] article [illegible] improvement of labor safety in [illegible] Iakovol. Ugol' 35 no. 2:[illegible] '60.

Research in safety engineering [illegible] truda v prom. 4 [illegible]

COAL MINING MACHINERY

(see also subdivision under Karaganda Basin)

Effect of wear of the [illegible] gear on the [illegible] P. N. Demidov, [illegible] gor. zhur. no. 11:[illegible]

Equating the movements of [illegible] remote feed drive [illegible] work conditions. [illegible] gor. zhur. no. 11:[illegible]

Expanding the field of application of mining machinery units with nonsupported face areas. A. A. Avakian. Ugol' 35 no. 2:17-19 F '60.

Scientists' contribution to progress in mining. P. O. Nesterenko. Ugol' Ukr. 4 no. 1:8-10 Ja '60.

Specific wear of cutting machine edges. V. P. Fomichev. [illegible] no. 8:[illegible] '60.

Using UVK type coal-cutting machines for thin steeply pitching coal seams. K. I. Ivanov. Ugol' 35 no. 2:13-17 F '60.

COAL MINING MACHINERY—ELECTRIC DRIVING

System of automatically controlling the capacity of coal mining machines with a detached feed drive. N. G. Popovich. [illegible] no. 1:[illegible] '60.

COAL MINING MACHINERY—TESTING

Industrial testing of a mining machinery unit including a UMK [illegible] loader. I. I. Apostov. Ugol' 35 no. 2:1-7 F '60.

COAL PREPARATION

(see also subdivision under Krivoy Rog Basin, [illegible])

Equations of the [illegible] characteristics of coal. [illegible] A. [illegible]

Investigating the properties of heavy suspensions. [illegible] Koks i khim. no. 2:[illegible] '60.

Investigating the [illegible] of ore and coal mixtures. [illegible] Koks i khim. no. 2:5-9 '60.

[illegible] affecting the economic indices [illegible] coal cleaning plants [illegible] and others. Koks i khim. [illegible] '60.

P[illegible], I. V. [[illegible] and accounting] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 331 p.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Karaganda)

Clarifi[illegible] the coagulation method. [illegible] Ugol' Ukr. 4 no. 1:[illegible]

COAL PREPARATION—TESTING

[illegible] efficiency of [illegible] [illegible] A. [illegible]

COAL PREPARATION PLANTS

[illegible] in planning coal preparation [illegible] Ugol' Ukr. 4 no. 1:[illegible]

COAL TAR

[illegible] from coal tar [illegible] M. M. [illegible] 33 no. 1:[illegible]

COAL TAR—TOXICOLOGY

[illegible] V. P. [illegible]

COAL TAR PRODUCTS

[illegible] of coal tar [illegible] 33 no. 2 [illegible]

[illegible] coal tar and pitch. V. N. [illegible] no. 2:35-40 '60.

COAXIAL CABLES

[illegible] M. [illegible]

[illegible] transformation line matching network. P. D. [illegible] Vest. sviazi 20 no. 2:12-14 F '60.

COBALT

Kas[illegible], N. A. [Cobalt deposits] Mestorozhdeniia kobal'ta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 231 p.

COBALT—ANALYSIS

[illegible] [illegible]

COBALT—ISOTOPES

[illegible] electrodeposition of a titanium [illegible] radioactive isotope cobalt-60. O. M. Ko[illegible], G. D. Potekhin. Zhur. prikl. khim. 33 no. 1:120-[illegible] Ja '60.

COBALT—MAGNETIC PROPERTIES

[illegible] of electrolytic [illegible] metals and their alloys, at [illegible] formation. Part 2. A [illegible] and structure of [illegible] (in English). [illegible] no. 1:[illegible] Ja '60.

COBALT ANTIMONIDE

Investigating the thermoelectric properties of the compound $CoSb_3$ with the electroactive impurities Sn, Te, and Ni. D. N. Zobnina, L. D. Dudkin. Fiz. tver. tela 1 no. 12:1821-1825 D '59.

COBALT CARBONATE

New type of monocarbonate of trivalent cobalt. V. A. Golovnia, I. A. Kokh. Zhur. neorg. khim. 5 no. 1:50-67 Ja '60.

COBALT IN THE BODY

Distribution of radioactive cobalt (Co^{60}) in the organism under conditions of experimentally induced epileptoid seizures. G. Usmanov, V. Iordanov, V. Khristov. [illegible] 45 no. 12:1301-1307 N '59.

COBALT-TITANIUM ALLOYS see Titanium-cobalt alloys

COBRAS see subdivision under Tajikistan

COCAINE

Synthetic studies of isomeric cocaines. Part 6: Synthesis of methyl ester of 3e-tropanol-2e-carboxylic acid, or allococaine, and of 3e-tropanol-2a-carboxylic acid, or allopseudococaine. G. I. Dzhikhvakadze and others. Zhur. ob. khim. 30 no. 5:1458-1461 My '60.

COCCIDIOSIS

Observations on residual bodies of oocysts and spores in some species of Eimeria isolated from the rabbit and Isospora from the fox, polecat, and hedgehog [with summary in English]. E. M. Kheisin. Zool. zhur. 38 no. 12:1776-1781 D '59.

COCOA

Effect of different methods of roasting cocoa beans on the specific energy consumption required for their subsequent grinding. A. I. Sokolovskii and others. Khleb. i kond. prom. 4 no. 2:[illegible] '60.

COCOA BUTTER see Cacao butter

CODFISH see subdivision under Onega Bay

COFFEE

Synthetic coffee. I. Vorob'ev. Znan. ta pratsia no. 1:23 Ja '60.

COFFEEHOUSES see subdivision under Leningrad

COHESION

Investigating the regularity of variations of the coefficient of cohesion between the locomotive driving wheel and the rail on the contact surface. Z. Z. Budiakov. Trudy [illegible] no. 30:[illegible] '60.

COINAGE see subdivision under Georgia

COINS see subdivision under Mil'kovlag Tsehbrond

COINS, GREEK see subdivision under Crimea; Olbia, Hotyalhe[illegible]

COKE

(see also subdivision under Kuznetsk Basin; Uzbekistan)

Connection between the accelynamic index of the physical and mechanical qualities of coke and the operation of the blast furnace. M. IA. German. Trudy Inst. topl. AN URSR no. 10:[illegible] '59.

Determination of the mechanical strength of coke in a drum. V. G. Petrenko, A. M. Solov'ev. Koks i khim. no. 2:29-31 '60.

Livshits, B. G. [Physical properties of metals and alloys] Fizicheskie svoistva metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 368 p.

Testing on three samples the susceptibility of Kemerovo coal to undergo preparation in view of deciding the problem of its coking capacity. I. A. Baranchikov, A. D. [illegible] Trudy Inst. gor. dela Sib. otd. AN SSSR no. 2:[illegible] '59.

COKE INDUSTRY

(see also subdivision under Czechoslovakia)

At the Technical Council of the State Institute for Designing and Planning for the Coke Industry. M. Oshrpa[illegible]. Koks i khim. no. 2:61-62 '60.

Expanding the resources of raw materials for coking. Ugol' Ukr. 4 no. 1:47 Ja '60.

Ullitskii, I. L. [Economic aspects of the by-product coke industry of the U.S.S.R.] Voprosy ekonomiki koksokhimicheskoi promyshlennosti SSSR. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 321 p.

COKE INDUSTRY—BY-PRODUCTS

Effect of operational disturbances in the recovery plant on the arsenic-soda process of sulfur removal. E. Kh. Zemskaia. Koks i khim. no. 2:39-40 '60.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Chelyabinsk)

Automatic breakdown of coal in storage piles by means of a pneumatic device. A. A. Bavindevich, O. I. Kadenskov. Koks i khim. no. 2:58-61 '60.

Machine for the automatic welding of equipment for the coke by-product industry. N. T. Lisachev, Iu. P. Slavutskii. Avtom. svar. 13 no. 2:85-87 F '60.

COKE-OVEN GAS

Production of acetylene from coke-oven gas. M S. Litvinenko Koks i khim no 2·34-39 '60

COKE OVENS

(see also subdivision under Kaliningrad)

Measuring the temperatures of brickwork by height of heating flues. V.G. Protod'iakonov, A. P Borodikhin. Koks i khim. no. 2 27-29 '60.

COLCHIS—PHYTOGEOGRAPHY

Phytogeographic districts of Colchis [with summary in English]. A. A. Kolakovskii. Trudy Sukh. bot sada no. 11·141-196 '58.

COLD—PHYSIOLOGICAL EFFECT

Appearance of a fissure in the cranial bones of a corpse as a result of freezing P I Chuiko Sud -med ekspert 3 no 1·62 Ja-Mr '60

Effect of darkness and low temperature on the propagation of the common vole. N. N Golenishchev. Trudy VIZR no. 12 100-103 '58.

Effect of low temperature and of ionizing irradiation on proteins and protein fractions in the blood serum [with summary in English] S A Brailovskii IU K Ledentsov Biul eksp biol i med 48 no 11 57-59 N '59

COLD STORAGE

Transportation of perishable goods in insulated containers N P. Chekmareva Trudy MIIT no. 122 187-196 '59

COLD STORAGE—INSULATION

Thermal stability of the outer walls of cold storage warehouses [with summary in English] B. Karpov Khol tekh 37 no 1·29-32 Ja-F '60

COLD STORAGE WAREHOUSES see subdivision under Chelyabinsk, Denmark

COLITIS

What colitis is. M. S. Shur. Med. sestra 19 no. 2;27-31 F '60.

COLLAGEN

Determining collagen losses in leather manufacture. N. N. Stefanovich Kozh.-obuv prom. 2 no. 1 14-16 Ja '60.

Effect of liming on the structure of collagen. A. L. Zaides. Kozh.-obuv. prom. 2 no 2·13-15 F '60.

COLLECTIVE FARMS

(see also subdivision under Anna District, Bashkiria; Chernigov Province; Davlekanovo District, Gatchina District, Kellerovka District; Kursk Province; Lutsk District, Mginskiy District; Michurinsk District; Novosibirsk Province, Pskov Province, Ryazan Province, Staritsa District, Takhta-Bazar, Mary Province, Ukraine, Uyar District)

Answering questions Kolh Ukr 7 no 2 44 F '60

Brief news Uchet i fin v kolkhoz. i sovkhoz. 17 no 1: 60-61 '59.

Classification of the objects of collective farm property. O. A Kichiatova. Uch. zap. LGU no. 274·112-124 '59.

Collective farms need permanent legal aid. A. Davydovych Rad pravo no 6·102-103 N-D '59.

Construction and operation procedures for collective farm relay stations. A S Frolov. Uchet i fin v kolkhoz i sovkhoz 17 no 1;55-56 Ja '60

Development of the industrial cooperation of several collective farms. A. Bochkarev. no. 1,8-13 Ja '60.

Efremova, A. L., and A. D. Ivanova. [In the struggle for the seven-year plan; from the work practice of the Kirov Collective Farm, Shiloyo District, Ryazan Province] V Bor'be za semiletku, iz opyta raboty kolkhoza imeni Kirova Shilovskogo raiona Riazanskoi oblasti. Moskva, Izd-vo "Znanie," 1960. 30 p.

Glazun, A. R. [Specialization and the combination of units on collective farms in suburban areas; based on the example of collective farms in the suburbs of Voronezh] Spetsializatsiia i sochetanie otraslei v kolkhozakh prigorodnoi zony; na primere kolkhozov prigorodnoi zony g. Voronezha. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 254 p.
(CU)

Grigorovskii, V. E., and V. F. Zvonkov. [Development of production rates on collective farms] Razvitie proizvodstvennykh otnoshenii v kolkhozakh. [Leningrad] Lenizdat, 1959. 89 p.

Hlotov, V. I. [Come to see the "Ukraina" Collective Farm] Pryizdit' u kolhosp "Ukraina." L'viv, Knizhkovo-zhurnal'ne vyd-vo. 1959. 25 p.

Increasing production and reducing costs P. Poliakov Nar. khoz. Kazkh 18 no 2 51-55 F '60

ar'kina, E. I. [Training of collective-farm personnel during the period of mass collectivization] Podgotovka kolkhoznykh kadrov v period massovoi kollektivizatsii. Moskva, Izd-vo sots.-ekon. lit-ry, 1960. 165 p.

ır land and its people. Mykola Upenyk Ukraina no. 3 ·10 F '60

rotection of collective farm property is an important task of the local soviets of workers' deputies. B. Kliukin. Rad. pravo no. 6;30-34 N-D '59

esults of an evaluation of collective farm agriculture. I, Sal'nikov. V pom. polit. samoobr 4 no. 1;112-115 Ja '60.

The soil is gathering strength. N. Garnits. Neva no. 12· 148-155 '59.

Toward new achievements. I. Vasilatii. Komm. Mold. 5 no. 1·30-32 Ja '60.

Vividly and convincingly; visual propaganda on the "Zavety Lenina" Collective Farm in Bereza District. V. Fomenko. Blok agit. [Bel.] no. 1:17-23 Ja '60.

Zaitsev, A. G. [Economics of labor on collective farms] Ekonomika truda v kolkhozakh. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 115 p.

Zaitsev, V. V., and V. A. Borisov. [Long-range plan for collective farms] Perspektivnyi plan kolkhoza. Moskva, Gos. planizdat, 1959. 222 p.
(NNC)

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under Ekaterinovka District, Khakass Autonomous Province; Tambov Province, Vasil'kovka District, Volochisk District, Yakutia)

Accounting for production expenditures on the "Pobeda" collective farm V I Aleinikov Uchet i fin v kolkhoz. i sovkhoz 17 no 1·27-33 Ja '60

Accounting where monetary payment of wages is in effect on a collective farm V S Vokhmianin Uchet i fin v kolkhoz. i sovkhoz 17 no 1·45-47 Ja '60

The administration of a collective farm is getting ready for a report meeting K F Chernyshev. Uchet i fin v kolkhoz i sovkhoz 17 no 1·24-26 Ja '60

The control organizer. Uchet i fin v kolkhoz i sovkhoz. 17 no 1·22-23 Ja '60

A correct suggestion. A K Rabetskii. Uchet i fin v kolkhoz. i sovkhoz 17 no. 1 20 Ja '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. [Accounting on collective farms when business accounting is in use] Bukhgalterskii uchet v kolkhozakh pri vnedrenii khozrashcheta. Moskva, 1960. 246 p.

The organization of accounting on collective farms based on the new report plans V. M. Sokolov Uchet i fin. v kolkhoz i sovkhoz 17 no 1;5-15 Ja '60.

Sermiazhko, A. M. [How to compute production costs on collective farms] Kak ischislit' sebestoimost' produktsii v kolkhoze Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1959. 22 p

Transition to decentralized accounting must be well prepared I P Riabinin Uchet i fin v kolkhoz i sovkhoz 17 no 1·21 Ja '60

COLLECTIVE FARMS—COSTS

Akademiia nauk SSSR. Institut ekonomiki. [Production expenditures and the cost of products on collective farms] Izderzhki proizvodstva i sebestoimost' produktsii v kolkhozakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 256 p.

COLLECTIVE FARMS—FINANCE

Business accounting indices must be simple and practicable ("Business accounting on collective farms" by A G. Zubarev, and others Reviewed by G. K. Rusakov) Uchet i fin v kolkhoz. i sovkhoz. 17 no 1;57-58 Ja '60

COLLECTIVE FARMS—FIRES AND FIRE PREVENTION see subdivision under White Russia

COLLECTIVE FARMS—INCOME DISTRIBUTION

Development of agriculture and improvement of income distribution on collective farms. M, Terent'ev. V pom. polit. samoobr. 4 no. 1,66-74 Ja '60.

From workdays to monetary remuneration. F. Matorikin. Agitator no. 3 37-39 F '60.

"To each according to his work." Novyi mir 36 no. 3: 263-271 Mr '60.

We should improve remuneration and work norms on collective farms. G. Prokop'ev Komm. Mold. 5 no 2 62-66 F '60.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

An affair of organizers ("The matter of leadership", collected articles. Reviewed by Dm. Rud') Novyi mir 35 no. 12,260-262 D '59.

In serried ranks. A. Menets'kyi. Ukraina no. 4;4 F '60.

Legal possibilities for collective farmers to control their managerial personnel. G. P. Levchenko. Uch. zap. LGU no. 274:125-139 '59.

COLLEGE AND SCHOOL JOURNALISM

A newspaper writes on its institution of higher learning; from the pages of the press. Vest. vys. shkoly 18 no. 6: 91-93 Je '60.

COLLEGE FRATERNITIES see Students' societies

COLLEMBOLA

Collecting springtails (Collembola) [with summary in English]. G. N. Miroshnichenko. Zool. zhur. 39 no. 1: 143 Ja '60.

COLLOIDS

Application of the plate equilibrating (Wilhelmy) method to the study of the surface tension of solutions of semi-colloidal substances when the equilibrium is reached slowly [with summary in English]. K. V. Zotova, A. A. Trapeznikov. Zhur. fiz. khim. 34 no. 1,200-208 Ja '60.

Colloidal solutions. S. A. Balezin. Khim. v shkole 15 no 1:8-18 Ja-F '60.

E. M. Natanson's book "Colloidal Metals." Reviewed by F D. Ovcharenko Ukr. khim zhur. 25 no. 6 813 '59.

Study of filtration during the mutual coagulation of sols S A Kretinin Trudy VGU 57:169-175 '59

COLON—TUMORS

Hemangioma of the transverse mesocolon in combination with tuberculous peritonitis. A. A Titarenko. Vest. khir 83 no 12 95 D '59.

COLON—WOUNDS AND INJURIES

Three cases of rupture of the sigmoid colon following sudden insufflation with compressed air Kh. M Faredi Kaz med zhur 40 no. 6;92-93 N-D '59

COLONIES

Marx, Karl, and Friedrich Engels. [K Marx and F Engels on the colonial system of capitalism] K Marks i F. Engel's o kolonial'noi sisteme kapitalizma Moskva, Gos izd-vo polit lit-ry, 1959. 337 p.

COLOR IN THE TEXTILE INDUSTRIES

Let's put an end to faulty production A Shmeleva Prom koop. 14 no. 2 15 F '60.

COLOR PHOTOGRAPHY

"Color development of three-layer materials" by V. S. Chel'tsov, S. A Bongard Reviewed by K. V. Astakhov. Zhur. nauch. i prikl. fot. i kin. 5 no. 1·77-78 Ja-F '60.

COLOR SENSE

Different methods of studying the discriminative sensitivity to a color tone in junior pupils. K. V. Bardin. Dokl. APN no. 3:101-104 '59.

Impairment of color abstraction and naming resulting from certain focal injuries to the brain. E. P. Kok. Trudy Inst. fiziol. 8;479-484 '59.

Threshold of color discrimination in glaucoma [with summary in English]. E. E. Andrezen. Vest. oft. 72 no. 6 17-22 N-D '59.

COLOR TELEVISION

Bialik, G. I. [Color television] TSvetnoe televidenie. Moskva, Gosenerg. izd-vo, 1960. 127 p. (Massovaia radio-biblioteka, no. 358)

Episcope television pick-up with a scanning beam for compatible systems of color television. I. IA. Butlitskii, A. N. Kiselev. Tekh kino i telev. 4 no. 2 46-51 F '60

Kiver, Milton Sol. [Color television fundamentals Translated from the English] Osnovy tsvetnogo televideniia. Moskva, Izd-vo inostr. lit-ry, 1957. 330 p.
(OCI)

Subcarrier frequency phase synchronization in color television. V. L. Khavkin, V. F. Vorob'ev. Tekh. kino i telev. 4 no. 2 39-45 F '60.

COLORIMETERS

Plunger-type colorimeter for studying weakly colored solutions. R L. Babkin, V. B. Mel'nikov. Zav. lab. 26 no. 1;114-116 '60.

COLORIMETRY

Colorimetric determination of soluble carbohydrates by means of a copper reagent with heteropoly acids. V. N. Khrustaleva, V. V. Kozlov. Sbor. nauch. rab. INKII no. 15 pt. 2.128-137 '59.

Photocolorimetric method for the determination of the activity of adonisido. P. G. Smolianskaia, T. M. Kogan. Med. prom. 14 no. 2·46-48 F '60.

COLORING MATTER

Changes in the coloring matter of beets sterilized by ionized radiations and heat V. I. Rogachev and others Kons i ov prom 15 no 2 13-16 F '60

COLUMBIA—DESCRIPTION AND TRAVEL

Volcanic continent. Arthur Lundkvist. Vokrug sveta no. 2·18-22 F '60.

COLUMNS, CONCRETE

New methods for assembling precast reinforced concrete columns of industrial buildings. A. A. Kaplin, IA. S. Deich. Prom. stroi. 38 no. 2;27-30 '60.

Using jigs in erecting columns. E. Bondar' Stroitel' no. 2·19, 22 F '60

Working drawings of standard inserts for reinforced concrete columns for fixing steel crane beams and truss pieces. Biul. stroi. tekh. 17 no. 1·30 Ja '60.

COLUMNS, IRON AND STEEL

Designing anchor bolts taking into account elastic properties of concrete foundations. S. D. Leites Prom stroi. 38 no. 1;52-54 '60.

COMBINES (AGRICULTURAL MACHINERY)

Improved second dresser of S-6 combines. I. S. Zhegalov Biul. nauch.-tekh inform. po mekh. sel'khoz. no. 1/2;41-45 '57.

New corn combine. M. V. Gaidin. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no. 1/2;16-17 '57.

COMBINES (AGRICULTURAL MACHINERY) – TECHNOLOGICAL INNOVATIONS

The second spring. [illegible]

COMBING MACHINE[illegible]

Mozylov, L. T., V. V. [illegible], and V. A. [illegible] [Wool combers with periodic action, [illegible] testing, assembling, and adjusting [illegible] Grebnye mashiny periodicheskogo deistviia [illegible] Obsluzhivanie, montazh [illegible] red. L. T. Mozylova. Moskva, [illegible] (Uchebnye posobiia dlia podgotovki [illegible] professii)

COMBS see subdivision under [illegible]

COMBUSTION

Burning of a [illegible] powder. V. M. Mal'tsev, [illegible] 12 no. [illegible]

Burning [illegible] content. [illegible]

Calculating temperature [illegible] during combustion. [illegible] no. [illegible]

D. B. Spalding's book [illegible] Reviewed by [illegible] 94 90 [illegible]

[illegible]

Device for preparing [illegible] Khim. v shkole [illegible]

[illegible] by means of [illegible] no. [illegible]

Method for [illegible]

Nomogram for determining [illegible] complete combustion [illegible]

Pressure dependence [illegible] powder [with] [illegible] Zhur. fiz. khim. [illegible]

Separate and combined [illegible] heating in the furnace [illegible] Koks i khim. [illegible]

COMBUSTION, SPONTANEOUS

(See also [illegible])

Spontaneous [illegible]

COMENIUS, JOHANN AMOS [illegible]

Akademiia pedag[ogicheskikh nauk] [illegible] [Materials of the [illegible] Pedagogical [illegible] the third [illegible] didactic [illegible] 13 14, 1957] Materialy [illegible] posviashchennoi [illegible] didakticheskikh [illegible] dekabria 1957 g. [illegible]

(CD)

COMETS

[illegible]

COMETS – 1958

Some results of [illegible] 1958 h [illegible] Ab Kazan [illegible]

Spectrophotometry [illegible] Biul. [illegible] 1 no. 92 [illegible]

COMMERCE

Work of the [illegible] Economic Com[mission] [illegible] English [illegible] torg. [illegible]

Worsening of the [illegible] stage of a general [illegible] Vnesh. torg. [illegible]

COMMERCE – BIBLIOGRAPHY see [illegible] Commerce

COMMERCIAL AERONAUTICS see [illegible] mercial

COMMERCIAL AGENTS

Granting the rights [illegible] Vnesh. torg. [illegible]

COMMERCIAL PRODUCTS

[illegible] information bulletin] [illegible]

COMMUNICABLE DISEASES

[illegible] [illegible] in the [illegible]

(DLC)

[illegible] infections [illegible]

[illegible] method for the [illegible] the indication [illegible]

COMMUNICABLE DISEASES – BIBLIOGRAPHY see [illegible]

COMMUNICABLE DISEASES – PREVENTION

[illegible]

COMMUNISM

[illegible]

COMMUNISM AND LAW see Law and socialism

COMMUNISM AND LITERATURE

[illegible] Marxism-Leninism and literature [illegible] Moskva, [illegible] 1959, 151 p.

COMMUNISM AND SCIENCE

[illegible] 1959, 279 p.

COMMUNIST COUNTRIES – AGRICULTURE, COOPERATIVE

[illegible] V. [illegible], and M. A. [illegible] [Socialism and the peasantry; carrying out of Lenin's cooperative plan in the people's democracies] Sotsializm i krest'ianstvo; osushchestvlenie leninskogo kooperativnogo plana v stranakh narodnoi demokratii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 113 p.

COMMUNIST EDUCATION

(See also subdivision under Germany, East; [illegible] Province; [illegible] Province; [illegible] District; South Kazakhstan Province; [illegible], Ukrainian [illegible])

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [illegible] [Including collective [illegible] Vospitanie kollektivizma [illegible] Moskva, 1960. [illegible] p. (Pedagogicheskaia biblioteka)

(DLC)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [illegible] [Model program of character education in eight-year and secondary general schools with labor training] Primernaia programma vospitatel'noi raboty v obshcheobrazovatel'noi vos'miletnei i srednei trudovoi politekhnicheskoi shkole s proizvodstvennym obucheniem. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 157 p. (Pedagogicheskaia biblioteka)

[illegible] political [illegible]

[illegible]

[illegible]

[illegible] the revolution [illegible] Kommunist [illegible]

[illegible]

[Political education of party members] Politicheskoe vospitanie [illegible] Izd-vo polit. lit-ry, [illegible] 1960. 200 p.

[illegible]

[illegible], I. V. [Communism and the all-around development of personality] Kommunizm i vsestoronnee razvitie lichnosti. Moskva, Izd-vo "Znanie," 1960. 31 p. [illegible] no. [illegible]

COMMUNIST EDUCATION – [illegible]

[illegible]

COMMUNIST ETHICS

[illegible] and the [illegible]

[illegible] Marxist-Leninist ethics. [illegible] no. [illegible]

[illegible]

[illegible]

[illegible]

Kogan, O. V. [illegible] 1959, [illegible]

[illegible]

[illegible]

COMMUNISTS

Fifth Confer[ence] [illegible]

Some infor[mation] [illegible]

COMMUNIST[illegible]

[illegible]

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Buryat Mongolia, Gorky, Moldavia, Ukraine, White Russia)

[Communist Party during the period of the consolidation of the Soviet regime, from October 1917 through 1918, documents and materials] Kommunisticheskaia partiia v period uprocheniia Sovetskoi vlasti, oktiabr' 1917-1918, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 470 p.

Conference of the heads of coordinating departments of the history of the CPSU. K.M. [illegible]. Vest. vys. shkoly 18 no.6:57-60 Je '60.

Conference on the history of the CPSU during the Great Patriotic War. [illegible] no.4:[illegible] '60.

Conferences on the history of the CPSU during the period of the Great Patriotic War, 1941-1945. [illegible] no.[illegible] '60.

How our study groups and conferences on the history of the CPSU should study the theme "Struggle of the party for the [illegible] of the national economy, and for the completion of the building of socialism. First period." A. [illegible] no.[illegible] '60.

How to study the theme "The [illegible] period of large-scale building of communism, the 21st Congress of the CPSU." [illegible] no.4 '60.

Kirilov, N.M., and V.P. [illegible]. [Military questions in the course on the history of the CPSU, an aid to the students of history of the CPSU] Voennye voprosy v kurse istorii KPSS, v pomoshch' [illegible] istorii KPSS. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. [illegible] p.

Moscow. Moskovskii [illegible] pedagogicheskii institut. [Collected lectures on the history of the CPSU] Sbornik lektsii po istorii KPSS. Moskva, Izd. MGPI im. V.I. Lenina.
Pt.3, no.1. [Department of History of the CPSU] Kafedra istorii KPSS. 1959. [illegible] p.

[illegible], A.A. [Admission to the party of Lenin; history of the "Lenin enrollment"] V leninskuiu partiiu; istoriia leninskogo prizyva. Moskva, Gos. izd-vo polit. lit-ry, 1960. [illegible] p.

The party in our lives. [illegible]. Blok. agit. [illegible] no.11 [illegible] '60.

Present situation of courses on the history of the party. P.P. [illegible]. Vest. vys. shkoly 18 no.5:[illegible] My '60.

Problems of the development of historical science ("History of the Communist Party of the Soviet Union, a textbook," 2d ed. revised). Vop. ist. [illegible] no.5 [illegible] '60.

The strength of the party lies in its unbreakable ties with the masses. M. [illegible]. Kommunist [illegible] '60.

The struggle [illegible]

[illegible], N.N. [Military questions in the decisions of the Eighth Congress of the All-Russian Communist Party (Bolsheviks)] Voennye voprosy v resheniiakh VIII s"ezda RKP(b). Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 101 p.

COMMUNIST PARTY OF THE SOVIET UNION - BIBLIOGRAPHY see Bibliography - Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION - CONGRESSES

[illegible], A.IA. [Twenty-first Congress of the CPSU on the political organization of society during the comprehensive construction of communism] XXI s"ezd KPSS o politicheskoi organizatsii obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 54 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. 9. s"ezd, Moscow, 1920. [Proceedings of the Ninth Congress of the Communist Party of the Soviet Union in Moscow, 1920] Protokoly. Moskva, Gos. izd-vo polit. lit-ry, 1960. 650 p. (Protokoly s"ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

COMMUNIST PARTY OF THE SOVIET UNION - CONGRESSES - BIBLIOGRAPHY see Bibliography - Communist Party of the Soviet Union - Congresses

COMMUNIST PARTY OF THE SOVIET UNION - MEMBERSHIP

(see also subdivision under [illegible] District, Kazakhstan)

The mass Lenin enrollment into the party [with summary in English]. A.IA. [illegible]. Vest. [illegible] '60.

COMMUNIST PARTY OF THE SOVIET UNION - PARTY WORK

(see also subdivision under [illegible] District, Dubossary District, Ivanovo, [illegible] District, Kazakhstan, Leningrad, Moldavia, Moscow, Moscow Province, Orel Province, Tambov, Tomsk, Ukraine, Ural'sk, Yaroslavl, [illegible] District)

Brief news. Agitator no.4:61-64 F '60.

Communists help [illegible]

Contact with life [illegible]

Decision of the Central Committee [illegible]

Discussion of the most important problems [illegible]. Agitator no.2 [illegible] Ja '60.

Effective [illegible]

Half an hour before [illegible]. Partiinaia zhizn' [illegible]

Honored [illegible] from the party [illegible]

How [illegible]

How to find a key to the [illegible]. Agitator no.4 [illegible] '60.

[Ideological work of the CPSU at the front, 1941-1945] Ideologicheskaia rabota KPSS na fronte 1941-1945. [illegible] Moskva, Voen. izd-vo M-va oborony SSSR, 1960. [illegible]

In the right place [illegible]

"Intolerable [illegible]

"Taking [illegible]

The light of [illegible]

Mass political work [illegible]

My talks with [illegible]

[illegible], B. [What I taught the [illegible]] [illegible] Moskva, [illegible] 1959. 47 p. [illegible]

You may tell [illegible]. Partiinaia zhizn' [illegible]

Our propaganda [illegible]

[illegible]

Political [illegible]

Present [illegible] of the Central [illegible]

[illegible], P.A. [Political propaganda [illegible]] Politicheskaia agitatsiia [illegible]. Moskva, Gos. izd-vo polit. lit-ry, 1960. [illegible]

[illegible]

The [illegible]

[illegible] M.P. [illegible]

We [illegible]

We [illegible]

We should utilize [illegible] political [illegible]. A. [illegible]

What [illegible]

[illegible]

[illegible]
Expediency of drift mining with use of compr[illegible] S. A. M[illegible]. [illegible] no. 10 24-28 '59.

COMPRESSIBILITY
"Structural contributions" to the [illegible] of the [illegible] derivatives of the thermodynamic potential of liquid [with summary in English]. [illegible] Zhur. fiz. khim. 33 [illegible]

COMPRESSORS
Approximate method for calculating the combined operation of a gas turbine and a compressor. V. I. [illegible] Trudy Inst. [illegible] AN URSR no. 10 [illegible]
Determining the quality and efficient composition of greases for the piston group of [illegible] compressors. A. D. Rozhdestvenskii, M. S. [illegible], [illegible] Sbor. nauch. rab. [illegible] no. [illegible]
Developing methods of axial compression [illegible] D. M. Likhterov. Trudy [illegible] '59
Efficient type of [illegible] [illegible] N. M. [illegible]
Means for increasing the [illegible] and [illegible] of compressor stations. M. M. [illegible] 13-21 [illegible] '60
Planning the [illegible] of [illegible] tion. V. M. [illegible] 4 no. [illegible] '59.
Relation of the degree of compre[illegible] of a two-stage compressor to the [illegible] pressure. [illegible] no. 10 [illegible] '60
Remote control of compre[illegible] I. D. [illegible]
Selection of principle [illegible] pressure [illegible] B. M. [illegible] 8 no. [illegible]
Water [illegible] V. [illegible] 30 '60.

COMPR[illegible]
Analyzing the results of [illegible] axial compressor [illegible] and prom. [illegible]

[illegible]ONCENTRATION see Attention

[illegible]ONCEPTS
The nature of concepts [illegible] process. [illegible] 179 '57

[illegible]ONCERTO
Solovtsov, A. A. [illegible] Moskva, [illegible] 42 p. [illegible] ka(Payne [illegible])

[illegible]ONCERTS [illegible] Leningrad, [illegible]

[illegible]ONCHOLOGY see Moll[illegible]

[illegible]ONCRETE
[illegible]kademiia arkhitektury URSR, [illegible] nykh materialiv [illegible] ceramic [illegible] materials [illegible] Kiev, Gos. [illegible] (Novye [illegible])
No. 8. 1959 [illegible] p.
[illegible]
[illegible] heat [illegible]
[illegible]
[illegible] N. K. [illegible] materials [illegible] [Kutsyabi[illegible]] 31 p. [illegible]
[illegible] concrete [illegible] for buildings [illegible] '60.
[illegible]

[illegible]ONCRETE—BIBLIOGRAPHY see [illegible] Concrete

[illegible]ONCRETE—CURING
[illegible]
[illegible]
Effectiveness of [illegible]

[illegible]NCRETE—PERMEABILITY
[illegible]hanges in the all-Union state standard [illegible] the permeability of [illegible] structures. G. M. K[illegible] 10-43 Ja '60.

[illegible]NCRETE—TESTING
[illegible]e all-Union state standard for [illegible] [illegible]rete to be used for hydraulic [illegible] [illegible]ekh. 17 no. 1 [illegible] Ja [illegible]

Can ultrasonic testing be used in evaluating the strength of concrete. [illegible], I. V. Zadubok, G. I. Na[illegible] [illegible] no. 2 [illegible] '60
[illegible] properties of [illegible]
Using ultrasonic methods in testing the quality of concrete. [illegible], A. M. [illegible] stroi. [illegible] no. 2 [illegible] '60.

CONCRETE—THERMAL PROPERTIES
[illegible] the [illegible] of heat transfer in the [illegible]
[illegible] properties of cellular concrete [illegible]

CONCRETE—[illegible]
[illegible] L. [illegible] Stroitel' no. [illegible]

CONCRETE, [illegible] see [illegible] con[illegible]

CONCRETE, PRE[illegible] see Prestressed concrete

CONCRETE [illegible]
[illegible] White [illegible]
[illegible]
[illegible] built of large [illegible] M. [illegible], V. [illegible] no. [illegible] Ja [illegible]
[illegible] resembling large [illegible]

CONCRETE CONSTRUCTION
[illegible]
[illegible] in concrete in [illegible] K. V. [illegible]
[illegible]
[illegible] concrete in building [illegible]

CONCRETE CONSTRUCTION—EQUIPMENT AND [illegible]
[illegible]

CONCRETE CONSTRUCTION—FORMWORK
[illegible]
[illegible]
[illegible]
[illegible] steel.

CONCRETE CONSTRUCTION—PRECAST see Precast [illegible]

CONCRETE [illegible]
[illegible] elastic pro[illegible] [illegible]
[illegible] resemble [illegible]

CONCRETE MIXER[illegible]
[illegible]

CONCRETE [illegible]
[illegible]

CONCRETE PRODUCTS—TRANSPORTATION
[illegible]

CONCRETE ROADS see Roads, Concrete

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SEWERS see Sewers, Concrete

CONCRETE SLABS
[illegible] Reinforced [illegible]
[illegible] large [illegible] construction. [illegible]
[illegible]

New building technology. Stroitel' no. 2 [illegible] '60.
Precast reinforced concrete prestressed large-panel ceiling slabs for industrial buildings and structures. Biul. stroi. tekh. 17 no. 1 [illegible] Ja '60.
Selecting types of panels for ceilings of industrial buildings. A. D. Liberman, B. A. Korablinov. Prom. stroi. 38 no. 1 [illegible] '60
Using precast reinforced concrete wall panels in constructing the Kaybyshev Hydroelectric Power Station. [illegible] Gidr. stroi. 30 no. 1 [illegible] Ja '60.

CONCRETE SLABS—TESTING
[illegible] the [illegible] performance of reinforced concrete [illegible] panel. [illegible] I. M. V[illegible] [illegible]

CONDENSATION PRODUCTS (CHEMISTRY)
Heterochain polyesters. Part 29: Polycondensation in a thin layer [with summary in English]. V. V. Korshak, V. A. Zamiatina, N. I. Bekasova. Vysokom. soed. 1 no. 11 [illegible] '59.
Joint condensation of [illegible] with hexaldehyde. V. I. [illegible], [illegible], K. A. [illegible]. Zhur. ob. khim. 30 no. 5 [illegible] My '60.
Model thermodynamic theory of [illegible] polycondensation. M. V. Vol'kenshtein, A. M. El'iashe vich. Dokl. AN SSSR 131 no. [illegible] My '60.
Polycondensation reactions in the solid phase. Part 3: Solid phase polycondensation of [illegible] acid in the presence of catalysts [with summary in English]. A. V. Volokhina, G. I. Kudriavtsev. Vysokom. soed. 1 no. 11 [illegible] N '59.
Polycondensation reactions in the solid phase. Part 3: Polycondensation of [illegible] acids in the solid phase [with summary in English]. A. V. Volokhina, M. N. Bogdanov, G. I. Kudriavtsev. Vysokom. soed. 2 no. 1 [illegible] Ja '60

CONDENSERS (ELECTRICITY) see Electric capacitors

CONDENSERS (STEAM)
Improving the separation of oil and increasing the efficiency of condensers. [illegible] Khol. tekh. [illegible]

CONDITIONED RESPONSE
Analysis of the mechanism of disturbance of the conditioned reflex function of the central nervous system due to ionizing radiation. I. M. [illegible], N. A. [illegible]. Trudy Inst. fiziol. [illegible] '60.
[illegible] of the conditioned response. M. I. [illegible]. [illegible] fiziol. [illegible]
Changes in the higher nervous activity of dogs [illegible] to the [illegible] level in normal and pathological states. [illegible]. Trudy Inst. fiziol. [illegible]
Changes in blood pressure in dogs with conditioned food response to electric current. D. K. Danilova. Trudy [illegible]
Changes in the higher nervous activity in experimental chronic [illegible] induced by ionizing radiations [with summary in English]. [illegible]
Changes in the higher nervous activity of dogs following the chronic administration of [illegible]. [illegible], [illegible]. Trudy Inst. fiziol. [illegible] '59.
Changes in the higher nervous activity of dogs following [illegible] (fractal). [illegible]. Trudy Inst. fiziol. [illegible] '59.
Characteristic of the conditioned reflex activity of [illegible] rabbits [with summary in English]. [illegible]
Conditioned motor food response to [illegible] of stimuli in [illegible], A. V. [illegible]. Trudy [illegible] '59.
Conditioned reflex changes in cardiac activity in cats following excision of the cerebral cortex [with summary in English]. V. N. [illegible]. Biul. eksp. biol. i med. 48 no. 12 [illegible] '59.
Conditioned reflex interconnection of the act of eating [illegible], simulated feeding and filling the stomach with food) with the sugar content of the blood, some problems in the physiology of appetite) [with summary in English]. V. A. [illegible], N. N. [illegible]. Vop. pit. 19 no. 1 [illegible] Ja-F '60
Conditioned response activity of fish when the same stimulus is used repeatedly in experiments. [illegible] V. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.
Conditioned response of [illegible] of visual stimuli. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.
Conditioned vascular and food reflexes following castration. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.
Conditioned [illegible] reflexes in normal rabbits and those with the labyrinth removed. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.
Daily dynamics of conditioned reflexes in dogs. V. N. [illegible]. Trudy Inst. fiziol. [illegible] '59.
Differentiation of conditioned proprioceptive stimuli following bilateral removal of the frontal lobes and other cortical areas. [illegible]. Trudy Inst. fiziol. [illegible] '59.
Dynamics of conditioned food responses in birds at different phases of the reproductive cycle. [illegible]. Trudy Inst. fiziol. 8:[illegible] '59.

CONDITIONED RESPONSE (Continued)

Dynamics of conditioned trace reflexes in hamadryad baboons seen with relation to cyclic changes in the sexual sphere. N A. Krasuskaia, L. A. Firsov. Trudy Inst fiziol. 8:122-127 '59
Effect of diethylaminomethyl caffeine on conditioned reflexes in dogs. T. M. Kucherenko. Trudy Inst fiziol 8 421-425 '59
Effect of exclusion of the optic analyzer for a number of generations on the conditioned reflex activity of mice G. A Obrastsova, Vikt K. Fedorov. Trudy Inst fiziol. 8 165-171 '59
Effect of partial removal of the hemispheres in early stages of development on visual and auditory conditioned reflexes in chickens [with summary in English] O E Ponomareva Biul eksp biol i med 48 no 11 22-29 N '59
Effect of repeatedly administered soporifics on the higher nervous activity of dogs [with summary in English] A V Kobets', V. V Naumova Fiziol zhur [Ukr] 6 no 1 29-35 J-F '60
Effect of the amount of food reinforcement on the number of conditioned reflexes in experiments with rabbits. A. V Baru, D. K. Saidasheva. Trudy Inst. fiziol. 8:114-121 '59.
Formation of conditioned motor responses in primates (chimpanzeez) to speech sound complexes. F. P Maiorov, L. A. Firsov. Trudy Inst. fiziol. 8:150-156 '59.
Lesson on the topic "Higher nervous activity in man." R. D Mash Biol v shkole no 1 34-40 Ja-F '60
Material on a study of the dynamics of conditioned reflex activity of representatives of certain classes of vertebrates A. V. Baru and others. Trudy Inst fiziol. 8 99-106 '59.
Mode of action of cadmium ions with relation to the conditioned reflex activity of animals A A Galoian Izv AN Arm. SSR Biol nauki 12 no 11·25-35 N '59
Relation between conditioned winking and oral reactions used in measuring the sensitivity of the human auditory analysor R V Avakian Probl fiziol akust 1 91-99 '59
Results of pharmacological studies based on the conditioned reflex method. G. I TSobkallo. Trudy Inst. fiziol. 8:441-449 '59
Role of the hypothalamo-pituitary system in inhibiting the action of cadmium ions on conditioned reflex activity in rats. Report No. 1 [with summary in English] A A. Galoian. Probl endok. i gorm. 5 no. 6 37-43 N-D '59
Some data from studies on the mobility of basic nerve processes in man [with summary in English] A IA. Khyl'chenko Fiziol zhur [Ukr] 6 no 1 21-28 J-F '60
Some features of basic metabolism and the specific dynamic effect of feed in cattle. A. A. Skvortsova, I I. Khrenov. Trudy Inst fiziol 8:401-410 '59
Studying individual and breed characteristics of higher nervous activity in chickens. V. V. Ponomarenko. Trudy Inst. fiziol 8:179-185 '59.
Studying the effect of total-body X irradiation on the higher nervous activity in dogs. N. IA. Lipatova, F. P. Maiorov. Trudy Inst. fiziol. 8·70-76 '59.
Training the mobility of nervous processes in the honey bee. I. A. Nikitina. Trudy Inst. fiziol. 8:157-164 '59.
Use of conditioned cutaneous-galvanic reflexes in investigating the acuity of hearing. E. S Matiatova Probl fiziol akust 4 107-113 '59.

CONDUCT OF LIFE

How a socialist society transforms the way of life. V. Sinitsyn. V pom. polit. samoobr. 4 no. 1:85-95 Ja '60.
Kuprin, O. V. [Your life isn't your private affair] Byt'—nechastnoe delo. Moskva, Gos. izd-vo polit. lit-ry, 1959. 68 p. (Bibliotechka agitatora, no. 6)
Man in the making. I. IAkushin. Prom koop. 14 no. 2 18-19 F '60
Panferov, F. I. [Moral make-up of the Soviet man] O moral'nom oblike sovetskogo cheloveka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 63 p.
Postovoitov, V. K. [On the culture of the young worker] O kul'ture molodogo rabochego. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 109 p.
What are the features of "Philistinism." E. Khrutskii. Otv. na vop. trud. no. 105:18-22 '59.

CONFECTIONERY

(see also subdivision under Chelyabinsk; Kishinev; Moscow; Odessa)

Determining the amount of sugar in confectionery products by means of an alkaline solution of a copper compound of trioxyglutaric acid A. V. Ablov, D. G Batyr Khleb. i kond. prom 4 no 1:20-23 Ja '60.
Drying of fruit paste. I. A. Chubik. Khleb. i kond. prom. 3 no. 12:11-12 D '59.
Mechanized production line for the manufacture of waffles. L. I. Tokarev, L. D. Knopova. Khleb. i kond. prom. 3 no. 12:13-15 D '59.
Recipes of the "Lakomka" coffehouse. R. Vidiapina. Obshchestv. pit. no. 1:18-19 Ja '60.
Thermal treatment of oil-containing kernels by means of radiation. A. L. Sokolovskii and others. Khleb. i kond. prom. 3 no. 12·7-10 D '59.

CONFECTIONERY—EQUIPMENT AND SUPPLIES

(see also subdivision under Kremenchug)

Improvement of operations in confectionery sections L. A Kuz'mina Khleb i kond prom 4 no 2 41-45 F '60
Modernizing a pastry oven. P. Gorbach. Obshchestv. pit. no. 1 28-29 Ja '60.

CONFECTIONERY—EXHIBITIONS

Propagandizing the technical progress of the confectionery industry at the Exhibition of the Achievements of the National Economy in 1959 Z. S. Leites Khleb i kond prom 3 no. 12 32-34 D '59.

CONFECTIONERY—LABOR PRODUCTIVITY

Calculation for labor productivity. L. B. Vainshtein, O. I. Chernenko. Khleb. i kond. prom. 3 no. 12·40 D '59.

CONFECTIONERY—PACKAGING see subdivision under Moscow

CONFECTIONERY—VENTILATION see subdivision under Gomel'

CONFLICT OF LAWS

Moscow. Vsesoiuznyi institut iuridicheskikh nauk. [Problems of international private law] Problemy mezhdunarodnogo chastnogo prava Pod red. L. A. Luntsa. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960 228 p.

CONFORMAL MAPPING

Area principle in the problem of nonoverlapping regions. N. A. Lebedev. Dokl AN SSSR 132 no. 4·758-761 Je '60

CONGO, BELGIAN—BANTO LANGUAGE

Studies on the languages of the Belgian Congo. D. A. Ol'derogge. Trudy Inst. etn 52·205-208 '59

CONGRESSES AND CONVENTIONS

Events scheduled for 1960. Nauka i zhizn' 27 no. 1·77 Ja '60.

CONGRUENCES (GEOMETRY)

Bilaterally stratifiable pair of congruences with Gishar congruences of general perpendiculars Izv. AN Kazakh SSR, Ser. mat. i mekh no. 8.21-27 '59.
Congruence of centroidal geodetic curves of the metric space of linear elements. V. I. Bliznikas. Dokl. AN SSSR 132 no. 4 735-738 Je '60.
On congruences whose focal surfaces can be imposed on each other by projection. Pavel Drazhila. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3 15-17 '59.

CONIFERAE

How the drainage of cutover areas affects the development of young conifer stands. G E Platetskii Trudy Kar fil AN SSSR no 21·61-68 '59.

CONIFERAE—OPTICAL PROPERTIES

Seasonal changes in the reflection of light by conifer needles in a permafrost zone. S. A. Stanko. Trudy Sekt. astrobot. AN Kazakh SSR 7:166-178 '59.

CONJUCTIVA—BACTERIOLOGY

Bacteriological preparation of patients for surgery involving dissection of the eyeball [with summary in English] N. I Artem'ev, F Kh Kapkaeva Oft. zhur. 15 no. 2: 81-85 '60
Laboratory diagnosis of influenza by means of virological examination of conjunctival secreta, author's abstract. E E. Kushnareva. Zhur. mikrobiol. epid. i immun. 30 no. 12 25-26 D '59.

CONJUNCTIVITIS, GRANULAR

(see also subdivision under Slavgorod District, Mogilev Province; Turkmenistan)

Frequency of the detection of trachomatous antibodies in trachoma patients [with summary in English]. D. G. Bushmich, G. M. Kashcheeva. Oft. zhur. 15 no. 1:34-38 '60.

CONJURING

Magic and labor. E. Kio Neva no. 2:219 '60.

CONNECTIVE TISSUES

Amorphous components of reticulinoid fibers and their role in histochemical reactions [with summary in English]. G. V. Orlovskaia, A. A. Tustanovskii, A. L. Zaides. Arkh. pat. 21 no. 7:23-32 '59.
Changes in the connective tissue system following experimental removal of the adrenal glands. Report No. 3. D. S. Kurbanaliev. Azerb. med. zhur. no. 2:33-36 F '60.
Electron microscope study of fibrous structures of the areolar connective tissue in acute radiation sickness [with summary in English]. V. V Shykhodyrov Fiziol zhur [Ukr] 6 no. 1 118-124 J-F '60

CONSERVATION OF ENERGY see Force and energy

CONSTITUTIONAL LAW

(see also subdivision under Germany, East; Germany, West)

Current problems of Soviet constitutional law. A. Lepeshkin, K. Sheremet. Sov. deput. trud no. 1·21-28 Ja '60.

CONSTRUCTION INDUSTRY

(see also subdivision under Armenia, Chelyabinsk Province; Kazakhstan, Krasnodar Territory, Murmansk Province; Ukraine)

Brief news Arkhit SSSR no 2 53-54 '60
Brief news. Stroitel' no. 1:31 Ja '60.
Brief news Stroitel' no. 2 31 F '60
Construction in the first year of the seven-year plan. Ekon. stroi. no. 2 3-7 F '60.
Editorial Zhil stroi no 2 1 F '60
Fifth Session of the Academy of Building and Architecture of the U.S.S.R. Ekon. stroi. no 2:24-27 F '60.
From the pages of journals. Prom. stroi. 38 no. 2·61 '60.
Give unremitting attention to the most important construction projects. Prom. stroi. 38 no. 2:2-4 '60.
In the Academy of Building and Architecture of the U.S.S.R. Biul. stroi. tekh. 17 no. 2 32-35 F '60.
In the Office of State Construction of the U.S.S.R. Biul. stroi tekh. 17 no. 1·31-32 Ja '60.
In the Office of State Construction of the U.S.S.R. Biul. stroi. tekh. 17 no. 2·31-32 F '60.
In the Office of State Construction of the U.S.S.R. Biul stroi. tekh. 17 no. 3:36-37 Mr '60.
In the Scientific and Technical Society of the Construction Industry. Prom. stroi. 38 no. 2:63 '60.
Industrialization of construction according to resolutions of the 21st Congress of the CPSU and the June (1959) Plenum of the Central Committee of the CPSU. V A Kucherenko Prom stroi. 38 no 1.1-7 '60
Lectures delivered by the participants in the session. Ekon. stroi. no. 2:35-38 F '60.
Let's mark the second year of the seven-year plan with new achievements. Stroitel' no. 1·1-2 Ja '60.
Plan for standard planning in 1960. Biul. stroi. tekh. 17 no. 2·5-8 F '60.
Plan for studying and introducing Russian and foreign practices in planning and building to be fulfilled by design organizations in 1960. Biul. stroi. tekh. 17 no. 3. 11-12 Mr '60.
Radical revision of "Construction norms and regulations." Biul. stroi. tekh. 17 no. 3:39-41 Mr '60.
Socialist obligations carried out by the State Design and Planning Institute for the Construction Industry in 1959 Biul. stroi. tekh. 17 no. 3:38-39 Mr '60.
Suggestions made by the section for the organization and economics of the construction industry and its supply bases. Ekon. stroi. no. 2:30 F '60.
Trends of Soviet architecture under conditions of further development of industrialization in buildings A Vlasov Arkhit SSSR no. 1 1-8 '60
Using radio dispatcher systems in construction A Sed-tsov Stroitel' no. 2 9-10 F '60
Work results of organizations of the Ministry of Construction of the R.S.F.S.R. in the first year of the seven year plan. V. M. Orlov. Nov. tekh. mont. i spets. rab. v stroi. 22 no. 1:1-3 Ja '60.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Chimkent; Kazakhstan, Krasnokamsk, Leningrad; Moscow; Sverdlovsk, Tatar A.S.S.R.)

Accounting for capital construction. Bukhg. uchet 16 no. 12:52-53 D '59.
Accounting for the expenditure of materials in construction organizations. E. Portianskii. Bukhg uchet 17 no 1 50-52 Ja '60
Conversion of planning organizations to the operation under economic accounting. B. Shestov, S. Sheinin. Ekon. stroi. no. 1:26-32 Ja '60.
Improve accounting for payments in construction L. Chapnitskii Bukhg uchet 17 no 2.15-23 F '60
Instruction for determining additional expenses connected with building and assembling operations under winter conditions in settling consolidated accounts. Biul. stroi. tekh. 17 no. 3:19-22 Mr '60.
Monthly accounting for finished work in construction M. Plotkin and others. Bukhg. uchet 17 no 3 24-29 Mr '60.
Settling accounts in the construction industry through the accounting clearing houses attached to building trusts. Ekon. stroi. no. 1:56-59 Ja '60.
Simplify the authentication of documents in encashment operations. V. Verzhba Bukhg. uchet 17 no 2 [illegible] F '60.

CONSTRUCTION INDUSTRY—COSTS

All-Union conference on lowering costs of precast reinforced concrete construction elements. Bet. i zhel.-bet. no. 1:47-48 Ja '60.
Consultation Transp. stroi 10 no. 2·59-60 F '60.
Expenditures for temporary reusable structures. Ekon. stroi. no. 1:56 Ja '60.
General costs of construction. Ekon. stroi. no. 1.55 Ja '60.
Methods for setting up norms for reusable materials. M. I. Nemirovskii. Gidr. stroi. 30 no. 1·37-39 Ja '60
Our successes in lowering costs of housing construction. E. I. Levin. Transp. stroi. 9 no. 12:7-10 D '59.
Overhead expenses in the construction industry. Ekon. stroi. no. 2:57 F '60.
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Expenditure rates for temporary buildings and structures and the expansion of the raw materials supply for the construction industry (temporary)] Normy zatrat na vremennye zdaniia i sooruzheniia i na razvitie proizvodstvennoi bazy stroitel'stva (vremennye). Moskva, Gosstroiizdat, 1959. 7 p.

[illegible]

Petrov, I.A. [illegible]

[illegible]

COPPER CRYSTALS (Continued)

Dynamic character of the Jahn-Teller effect and its influence on the paramagnetic resonance of Cu^{2+} [with summary in English] V I. Avvakumov Zhur eksp. i teor fiz 37 no 4 1017-1025 O '59

COPPER IN THE BODY

Copper content of the blood and other organs of guinea pigs in experimental anemia [with summary in English] Sh B Babaev Vop med khim 6 no 1 53-56 Ja-F '60

COPPER INDUSTRY

Three-stand mill for cold rolling of copper and copper alloys V.V Neminushchii Biul. tekh.-ekon. inform. no 1 10-11 '60.

COPPER INDUSTRY—EQUIPMENT AND SUPPLIES

Construction elements of copper furnaces. I.A. Ishchuk, I.F. Rabinovich. Prom. stroi. 38 no.2·53 '60.

COPPER MINES AND MINING see subdivision under Dzhezkazgan, Ural Mountains

COPPER-NICKEL ALLOYS see Nickel-copper alloys

COPPER ORES—ANALYSIS

Use of artificial radioactivity in prospecting for manganese and copper ores. G.S. Vozzhenikov. Trudy Sver. gor. inst no. 34·152-164 '59.

COPPER OXIDE

Formation of an oxide film on the surface of copper. V.A. P'iankov, A P Kostiuk Ukr khim zhur 26 no 1·138-141 '60

COPPER PLATING

Nonsteady state processes during the electrodeposition of copper and cadmium at high current densities. G.A Emel'ianenko, E.IA. Baibarova Ukr. khim zhur, 25 no. 6 727-734 '59

Secondary additives in mirror-bright copper plating from sulfuric acid baths S A Gintsberg, A F. Ivanov. Zhur. prikl. khim 33 no. 2·471-473 F '60.

COPPER SULFATE

New catalyst for the quantitative determination of humus by Tiurin's method S N. Beketovskii Ukr. khim zhur 25 no 6 789]790 '59

CORALS

Life of the coral mollusks O.A. Skarlato. Priroda 49 no. 5 63-80 My '60.

CORALS, FOSSIL

Importance of Tabulata for stratigraphic division of Silurian sediments in the eastern Taymyr Peninsula. M.S. Zhizhina Trudy NIIGA 105 152-160 '59.

CORDYLINE see subdivision under Black Sea region

COREMAKING

Modernized, model 287, sand slinger. E.I. Talanker. Lit. proizv. no. 2 42-43 F '60.

The PMS-1 sand-blasting machine for making shell cores. B.P. Lupanov, V D. Sagusyi. Trudy VNIINMASH no. 1: 17-26 '59.

Vyshemirskii, M.M. [Coremaker] Sterzhenshchik. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 172 p.

CHNOLOGICAL INNOVATIONS

ons in the coremaking shops of the

nt. N.I. Durnev Mashinostroitel'

n on the static character-

mmary in English].

G.D. Kozlov. Avtom. i telem. 21 no. 1·119-134 Ja '60.

CORK INDUSTRY

Manufacture of artificial corkboards. M.V. Alekseev. Zhur. prikl. khim. 33 no. 2·476-482 F '60.

CORK TREE

Cork oak. A. Shelemet'ev. IUn. nat. no. 3·24-25 Mr '60.

CORN (MAIZE)

(see also subdivision under Brest Province; Gomel' Province; Kazakhstan, Mel'nitsa-Podol'skaya District; Ruzhin District; Ryazan Province; Slutsk District)

Checkrowed fields Ukraina no 3 17 F '60

Comparative characteristics of some maize varieties and of the chemical composition of grain hulls. K.S. Bulgakov. Izv. vys ucheb zav., pishch. tekh no. 6 12-15 '59.

Composition of starch in corn kernels. I.A.M. Shustova, IU.F Stauer Dop UASHN 3 no 1:11-13 Ja-F '60

[Corn; a collection of articles on plant breeding, cultivation practices, and mechanization] Kukuruza; sbornik statei po selektsii, agrotekhnike, mekhanizatsii. [Sost. M.V. Elinkova.] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 396 p.
(DA)

Determining the weight gain of the green bulk of corn. Z.P. Drozdova, V.V. Svetlova. Meteor. i gidrol. no. 5: 41-42 My '60.

Economic advantages of raising hybrid corn and varieties of corn with different growing periods A.S Musiiko Trudy OGMI no. 18 3-5 '59

Four years' experience in the mechanized cultivation of corn. V P. Petrov, B.G Butkevich. Zemledelie 8 no 2 63-69 F '60.

Investigating physical and mechanical properties of corn seeds. L P IArin, L S Zenin Trudy KIMESKH 3 97-98 '59.

Microclimate in the herbage of a corn field and its relation to different planting methods. N IA. Shevchenko, D P Bilyk Trudy OGMI no. 18 29-41 '59.

Nikita Sergeevich Khrushchev congratulates pupils of the Kadgaron school. IUn nat no. 2 18 F '60

Obtaining 1005 centners of corn stalks per hectare V Speranskii Sel' mekh. no 2·5 '60

Preparing corn seeds for planting S.D. Ptitsyn. Biul. nauch -tekh. inform po mekh. sel'khoz. no. 1/2. 4-11 '57

Selectivity in the pollination of flour corn Zea mays ssp. amylacea Sturt. T R Rashidov. Dokl. AN Uz. SSR no. 12 42-46 '59.

Some characteristics of the absorption of water by seed corn [with summary in English]. G B. Firmilov Fiziol rast. 7 no 1·49-56 '60.

CORN (MAIZE)—ANALYSIS

Studying the chemical composition of corn stumps of different varieties as pentosan-containing raw materials. B.M. Nakhmanovich, N A Shcheblykina. Zhur prikl khim. 33 no. 2.482-481 F '60.

CORN (MAIZE)—DRYING

Mobile corn dryer. N.IA. Ivanov. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no. 1/2:17-19 '57.

CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of mineral fertilizers on physiological and biochemical processes in corn [with summary in English] A A. Zemlianukhin. Fiziol rast 7 no. 1 13-10 '60

Effect of trace elements on the biological characteristics, yield, and quality of corn. Iu Nai-t'ang Visnyk sil' hosp nauky 3 no. 2:78-82 F '60

CORN (MAIZE)—GRADING

Sizing corn seeds. G.T. Pavlovskii. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no. 1/2:11-15 '57.

CORN (MAIZE)—HARVESTING

New corn combine. M.V. Galdin. Biul. nauch.-tekh. inform. po mekh. sel'khoz no. 1/2·16-17 '57.

CORN (MAIZE)—STORAGE

Storage of corn seeds A Riepin Nauka i zhyttia 6 no 9 20-22 S '56.

CORN (MAIZE)—VARIETIES

Corn varieties for ensilage. A. Musiiko. Nauk. pratsi Vid sil'. hosp. nauk AN URSR no. 3·100-105 '55.

CORN BREEDING

Work on creating a corn hybrid. S.IA. Baev Biol. v shkole no. 1 64-65 Ja-F '60.

CORN PICKER (MACHINE)

The KKN-3 corn-picking combine mounted on a semi-automotive chassis. N.E. Reznik, P.I Anisimova. Biul. tekh.-ekon. inform. no. 1 61-62 '60.

CORN PRODUCTS

Objective methods for evaluating the quality of corn flakes E G. Gorun. Kons i ov prom. 15 no 2 40-41 F '60.

CORNEA

Effect of radiation on the cornea inducing ability of the eye. V.V. Popov, A.I. Farberov. Dokl. AN SSSR 132 no. 3·719-722 My '60.

CORNEA—DISEASES

Case of atypical keratitis filamentosa. A.T. Vedmedenko. Oft. zhur 15 no 2 116-117 '60

CORNEA—SURGERY

Comparative evaluation of some methods of corneal trepanation. Report No. 1 [with summary in English]. T.U. Gorgiladze. Oft. zhur. 15 no. 1:27-33 '60.

CORNEA—TRANSPLANTATION

First corneal transplantations carried out in Russia [with summary in English]. V.A Rukin Oft. zhur 15 no 2 111-115 '60

CORNEA—ULCERS

Therapeutic use of radioactive phosphorus (P^{32}) in corneal ulcers [with summary in English]. N.D Kadyr-Zade. Oft. zhur. 14 no. 7:424-429 '59

CORNEA—WOUNDS AND INJURIES

Use of celluloid film in penetrating wounds of the cornea [with summary in English]. I.M. Sapir. Oft. zhur. 15 no. 1:14-16 '60.

CORONARY VESSELS

Electrocardiographic picture following experimental obstruction of the coronary artery in a dog, effect of the position of the forelegs on ECG [with summary in English] S Cagan. Biul. eksp. biol i med. 48 no 12:37-42 D '59

Influence of ganglion-blocking drugs on coronary circulation in hypertension patients I V. Il'ina Gip bol no 5 174-183 '58

CORONARY VESSELS—DISEASES

Changes in the blood protein content during the treatment of patients with coronary sclerosis. A.A. Dubinskii, R.N. Skachkova Vrach. delo no. 12 1259-1260 D '59.

Clinical significance of the fibrinogen level in disturbances of the coronary circulation. A.G. Ponomareva. Vrach. delo no. 12:1325-1326 D '59.

Comparison of the results of an investigation of the higher nervous activity of patients with hypertension and coronary insufficiency as shown by data from clinical, electroencephalographic, and oral-motor methods K N Zamyslova, L I Il'ina Gip. bol. no 5 19-30 '58

Diagnosis of distrubances of coronary circulation and myocardial infarct. I. Kh Livshits. Vrach. delo no 12 1255-1258 D '59.

Influence of the new Russian preparation nitranol on the coagulation properties of the blood in patients with coronary disease. A.B. Zborovskii. Vrach. delo no. 12 1253-1255 D '59.

Intravenous method of strophanthin therapy. N.A. Epshtein. Zdrav. Belor. 5 no. 1:32-33 Ja '60.

Use of anticoagulants in hypertensive patients with occurrences of stenocardia and chronic coronary insufficiency A.I. Sorokina, I.I Krys. Vrach. delo no. 12 1251-1253 D '59.

Visceral forms of rheumatic fever. M.N. Chernitsyna. Zdrav. Turk. 3 no. 6:3-7 N-D '59.

CORNSTARCH

Dewatering low-starch gluten. B.K. Bychkov. Sakh. prom. 34 no. 2·57-61 F '60.

CORPULENCE

Dynamics of cortical activity in patients with obesity in relation to the degree and form of the disease [with summary in English]. L.M Levitskii, A.I. Makarychev, L.F. Roshchina. Vop. pit 19 no. 1 16-21 Ja-F '60.

CORPUSCULAR THEORY OF LIGHT see Light, Corpuscular theory of

CORRELATION (STATISTICS)

Analyzing the influence of several basic factors on the amount of expenditures for machine repairs in machine-tractor stations. Petr Rastokin. Uch zap. po stat 4 166-210 '59.

Applying correlation analysis in the machinery manufacturing industry. IA.I. Lukomskii. Uch. zap. po stat. 4:141-165 '59.

Applying correlation analysis in the study of work costs in machine-tractor stations. Vatslav Chermak Uch. zap. po stat. 4:211-223 '59.

Correlation analysis of overhead costs in mine construction. A.V Zaruba, I.S. Pal'ma, E.G. El'gort. Uch. zap po stat. 5:108-215 '59.

Dependence of expenditures for spare parts of a tractor upon its output and consumption of fuel. N.S Raitman. Uch. zap. po stat. 4:224-242 '59.

CORRESPONDENCE SCHOOLS AND COURSES see subdivision under Germany, Kazakhstan; Ukraine, Voronezh

CORROSION AND ANTICORROSIVES

Anticorrosive action of ammonium benzoate. S.A. Gintsberg. Zhur. prikl. khim 33 no 1:243-246 Ja '60

Combined protection of iron from acid corrosion at elevated temperatures V.P. Grigor'ev. Trudy NPI 17·259-271 '58.

Constructing and protecting industrial draft flues. N.A. Moshchanskii. Prom. stroi. 38 no. 2·38-43 '60.

Corrosion behavior and stationary potentials of metals in solutions of various hydrogen ion concentrations. A.IA. Shatalov. Trudy VGU 49·95-110 '58.

Corrosion of construction elements in nonferrous metallurgy enterprises. N.P. Shalamov. Prom. stroi. 38 no. 2·5-12 '60.

Designs of titanium-magnesium shops. M.P. Nadgornyi, O.K. Kuznetsova. Prom. stroi. 38 no. 2·13-18 '60.

Device for corrosion and electrochemical measurements on rotating electrodes under the effect of radiation. V.D. Val'kov. Trudy Inst. fiz. khim. no. 7·130-140 '59.

Effect of chlorine on the corrosion of metals by hydrochloric acid in narrow interstices IU.I. Sorokin, Kh L. TSeitlin Zhur. prikl khim 33 no 1:240-243 Ja '60

Effect of the microgeometry of the metal surface and of the temperature on the rate of atmospheric corrosion. L.M Lapides. Zhur. prikl. khim. 33 no. 2:397-403 F '60.

Performance of reinforced concrete draft flues subjected to corrosive actions of gases. B.D. Trinker, V.P. Plutenko. Prom. stroi. 38 no. 2:43-45 '60.

"Protection of chemical apparatus from corrosion in the chemical and pharmaceutical industry" by A.G. Nairadze and others. Reviewed gy Z.V. Kushch. Med. prom. 14 no. 1:59 62 Ja '60.

Role of chlorine in the corrosion of metals by hydrochloric acid. Kh. L TSeitlin, IU.I. Sorokin Zhur prikl. khim. 33 no. 1:163-167 Ja '60

Romanov, V.V. [Stress corrosion cracking of metals] Korrozionnoe rastreskivanie metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 177 p

CORROSION AND ANTI [illegible]
Using polymers in anti [illegible]
[illegible] 8 [illegible]
Using the [illegible]
behavior of [illegible]
of metals. [illegible]

CORROSION AND ANTI [illegible]
Device for the [illegible]
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CRIMEA - CLAY

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CRIMEA - COINS, GREEK

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CRIMEA - DESCRIPTION AND TRAVEL

[illegible]

CRIMEA - EXCAVATIONS (ARCHAEOLOGY)

[illegible]

[illegible]

CRIMEA PROVINCE - EXCAVATIONS (ARCHAEOLOGY)

Works of the [illegible]

CRIMEAN MOUNTAINS - CAVE

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[illegible]

CROHN'S DISEASE see Regional ileitis

CROP ROTATION see Rotation of crops

CROTONALDEHYDE
Preparation of crotonaldehyde [illegible]

CROTONAMIDE
Copolymerization of vinyl acetate [illegible] methylolcrotonamide [illegible]
Synthesis of the [illegible] and vinyl alcohol [illegible] Vysokom. soed. [illegible]

CROTONIC ACID
Vinyl crotonate and its polymer [with summary in English]. P. N. Rodionov, A. V. [illegible] no. 1707 [illegible]

CROUP
Pseudocroup in children [illegible] no 2910 [illegible]

CROWN GALL DISEASE
Controlling crown gall [illegible] Koth [illegible]
Effect of antibiotics and [illegible] ment of the [illegible] Dop. [illegible]

CROWS
Composition of the [illegible] grey crow. A. P. [illegible]

CRUSHED STONE see [illegible]

CRUSHING MACHINERY
Automation of [illegible]
Bolychev, V. V. [illegible]
Graphic [illegible] mill lining [illegible]

CRUSTACEA see [illegible]

CRYSTAL LATTICES
Application of [illegible] lattice with deforming [illegible] physical prop [illegible]
Dependence of [illegible] crystal lattice [illegible]
Double representation [illegible] A. G. [illegible]
Role of the [illegible] metals [illegible]
Studying the [illegible]
Vibrational freq [illegible] ordering alloy [illegible]

CRYSTALLIZATION
Effect of the mixing of [illegible] isomorphic impurities [illegible] Zhur. prikl. khim. [illegible]
Effect of ultrasonic [illegible] and solution. A. P. Kapustin [illegible] 123 '59.
Linear rate of [illegible]
Mechanism governing the [illegible] of certain [illegible]
Nickel brittleness [illegible] of grain boundaries [illegible]
Recrystallization [illegible] M. A. [illegible]
Zone refining [illegible] elements with [illegible] M. S. [illegible]

CRYSTALLOGRAPHY
Wearing of crystals [illegible] K_2CrO_4 and [illegible] on abrasive [illegible]

[illegible]
[illegible] crystallography, on the 40th anniver [illegible] V. V. [illegible]

[illegible]

CURIUM ISOTOPES
Cross-sections of the formation of Cm^{240}, the radiation of [illegible] ions [with summary in English]. [illegible] and others. Zhur. eksp. i teor. fiz. [illegible]

CURRANTS
[illegible] A. A. [illegible]

CURVATURE
Determining the loading curve of a bulb in docking [illegible] Sudostroenie [illegible]

CURVES
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CURVES, RECTIFICATION AND QUADRATURE
[illegible]

CUSHING'S SYNDROME
[illegible] disorders in the [illegible] disease [with summary in English]. [illegible]
[illegible] Probl. endok. i gormonoter. [illegible]
Protein fractions in the blood serum in the [illegible] syndrome [with summary in English]. M. A. Bonna-Ibrahim. Probl. endok. i gormon. 5 no. 5:10 [illegible]

CUTTING MACHINES
Shelkin, V. P., and [illegible] [Mechanization of metal cutting [illegible]] [illegible]
[illegible]
[illegible]

CYANIDES
[illegible] solutions obtained from [illegible] O. P. [illegible] Zhur. prikl. khim. [illegible]

CYANINE DYES
[illegible] derivatives. Part I. A. I. [illegible] Zhur. [illegible]
[illegible] A. [illegible] Zhur. [illegible]

CYANO COMPOUNDS
[illegible]

CYANURIC ACID
[illegible] O. P. [illegible] Zhur. [illegible]
[illegible] O. P. [illegible] A. V. [illegible]

CYCLIZATION
Cyclization of pseudolonone and citral analogs. S. M. Makin, V. B. Mochalin, D V. Nazarova. Zhur. ob. khim. 30 no. 5 1471-1476 My '60.

CYCLOALKANE
Electronographic study of the structure of a molecule of 1, 3, 5-trisilcne-2, 4, 6-trimethylenecycloalkane K. G. Dzhaparidze. Soob AN Gruz SSR 23 no 4 397-400 O '59

CYCLOBUTANE
Cyclopropanes and cyclobutanes. R. IA. Levina, IU. S. Shabarov. Vest. Mosk. un. Ser. mat., mekh, astron., fiz., khim 14 no. 3 201-202 '59

CYCLODECANE
Studying the effect of aluminum chloride on cyclodecane; brief report. E S. Balenkova and others Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3 203-204 '59.

CYCLOHEPTATRIENE
Temperatures of crystallization of bicyclo[2. 2. 1]-2, 5-heptadiene, cycloheptatriene, and their mixtures. M. A. Prianishnikova and others. Dokl. AN SSSR 132 no. 4·857-860 Je '60.

CYCLOHEXANOL
Cycloalkylation of phenols and their esters. Part 4· Condensation of 1, 1- and 1, 2-methylcyclohexanols with phenol. A. R. Abdurasuleva, N. G. Koral'nik. Zhur. ob. khim. 30 no. 5 1635-1637 My '60.
Oxidation of cyclohexanol by ozonized oxygen. E. T. Denisov, V. V. Kharitonov. Dokl. AN SSSR 132 no. 3·595-597 My '60

CYCLOHEXENE
Liquid phase oxidation of cyclohexene by molecular oxygen in the presence of inhibitors S R Rafikov, B V. Suvorov, V G Makarevich Zhur. prikl khim 33 no 1·201-209 Ja '60

CYCLONES
(see also subdivision under Mexico)
Forecasting the evolution of high-level cyclones and anticyclones. A. P. Kupianskaia. Meteor i gidrol. no. 5 17-22 My '60.
Inclination of the spatial axis of baric formations. A. I. Burtsev, N. G. Leonov. Meteor i gidrol. no. 5 11-16 My '60.
Snow storms in the Ukraine produced by approaching southern cyclones T V. Levdikova Trudy UkrNIGMI no 10 75-86 '59
Some calculation results in the prognosis of considerable precipitation amounts for Kharkov Province caused by approaching southern cyclones I N Famergol'ts. Trudy UkrNIGMI no 10 93-99 '59
Thermobaric fields and vertical currents in southern cyclones M. P Leonov Trudy UkrNIGMI no 10 58-69 '59

CYCLOPENTENOL
Synthesis of simple and compound ethers of 1-cyclopenten-3-ol. R. IA. Levina, T. I. Godovikova, V. N. Vinogradova, Vest. Mosk. un Ser. mat., mekh., astron, fiz., khim. 14 no. 3 171-175 '59.

CYCLOPROPANE
Cyclopropanes and cyclobutanes. R. IA. Levina, IU. S. Shabarov. Vest Mosk un. Ser. mat., mekh, astron., fiz., khim. 14 no. 3 201-202 '59.

CYMARIN
Extraction of cymarin from the roots of Adonis chrysocyathus. N. K. Abubakirov, R. Sh. IAmatova. Dokl. AN Uz. SSR no. 12 28-30 '59.

CYPRUS—POLITICS AND GOVERNMENT
Will the people of Cyprus gain their freedom? V. Georgiev. Otv. na vop. trud no 108 49-53 '59.

CYSTICERCOSIS
Method for extracting a cysticercus from the vitreous body, author's abstract. D. V. Kantor. Vest. oft. 72 no. 6:45-46 N-D '59.

CYSTS
Error in the diagnosis of a giant cyst of the ovary [in Azerbaijani with Russian summary]. M. G. Veliev. Azerb. med. zhur. no 2:70-71 F '60.

CYTASE
Destruction of the cell walls of barley endosperm by a cytase preparation from Trichotecium roseum [with summary in English]. IA. I. Veselov, L. S. Salmanova. Mikrobiologiia 29 no. 1:119-123 Ja-F '60.

CYTOLOGY
Coordination meeting on the "Principal problems in cytology." A. A. Vereninov, IU. L. Goroshchenko, A. L. IUdin. TSitologiia 2 no. 1·103-112 Ja-F '60.

CYTOPLASM see Protoplasm

CZECH LITERATURE—HISTORY AND CRITICISM
The role of ideology in art. Ladislav Stoll. Inostr. lit. no. 12 202-205 D '59.

CZECH NEWSPAPERS
In Czech and in Slovak. Milos Bacik Sov pech. no 2 49-51 F '60.

CZECH POETRY—TRANSLATIONS INTO RUSSIAN
[Anthology of Czech poetry of the 19th and 20th centuries] Antologiia cheshskoi poezii xix-xx vekov. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 3 v.
(CU)

CZECHOSLOVAKIA—BANKS AND BANKING
Bank control over wage fund disbursements in Czechoslovakia. K. Goushka, B. Kratochvil Den. i kred. 18 no. 5:36-40 My '60

CZECHOSLOVAKIA—BLAST FURNACES
Acceleration of blast furnace smelting (from "Hutnické Listy," no. 6, '59). N. I. Krasavtsev. Metallurg. 5 no. 1: 10-12 Ja '60.

CZECHOSLOVAKIA—CERAMIC MATERIALS
Constructing ceramic ceilings and making large wall blocks in Czechoslovakia František Šrbek Stroi mat. 6 no 1·39-3 of cover Ja '60

CZECHOSLOVAKIA—CLOCKMAKING AND WATCHMAKING
Foreign potpourri. Sov. Ukr. 10 no. 1.183-188 Ja '60.

CZECHOSLOVAKIA—COKE INDUSTRY
Production of coke in the Czechoslovak Republic. Kania. Koks i khim no 2·62-63 '60.

CZECHOSLOVAKIA—CONSTRUCTION INDUSTRY—FINANCE
New system of planning and financing construction in the Czechoslovak Republic. B. Doležal, J. Komarek, I. Vacha. Ekon. stroi. no. 1:45-54 Ja '60.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS
The Republic of Czechoslovakia. Agitator no. 3:30-31 F '60.
Socialist reforms in Czechoslovakia IU IEhorov Nauka i zhyttia 8 no 2 52-54 F '58

CZECHOSLOVAKIA—ECONOMIC POLICY
Pavlov, F. N. [Czechoslovakia is completing the building of socialism] Chekhoslovakiia zavershaet stroitel'stvo sotsializma. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 57 p.

CZECHOSLOVAKIA—EDUCATION
School reform in Czechoslovakia. IA. D. Hnevs'kyi. Rad. shk. 39 no. 2:90-92 F '60.

CZECHOSLOVAKIA—ELECTRIC INSULATORS AND INSULATION
Equipment for pipe insulation by spraying in an electrostatic field A. Kopaček. Translated from the Czech by I. Punchokharzhova. Metallurg 5 no. 1:40-41 Ja '60.

CZECHOSLOVAKIA—FORESTS AND FORESTRY
From the experience of Czech foresters. A F. Mukin Les khoz 12 no 1 75-77 Ja '60.
In forests of Czechoslovakia. Les. khoz. 12 no. 2·81-84 F '60

CZECHOSLOVAKIA—FURNACES, HEAT TREATING
Vertical furnace in the Klement Gottwald "Nova Hut" pipe rolling mill in Kunčice (Ostrava). A. Kopaček. Translated from the Czech by I. Punchokharzhova. Metallurg. 5 no. 1·40 Ja '60.

CZECHOSLOVAKIA—FURNITURE INDUSTRY
Vaněk, Miloš. [Industrial furniture finishing] Promyshlennaia otdelka mebeli. Moskva, Goslesbumizdat, 1959. 141 p.

CZECHOSLOVAKIA—GAS, NATURAL—PIPELINES
Gas pipeline construction in Czechoslovakia. E. Sokhor. Stroi. truboprov. 4 no. 12·25-27 D '59.

CZECHOSLOVAKIA—HISTORY
Akademiia nauk SSSR. Institut slavianovedeniia. [History of Czechoslovakia in three volumes] Istoriia Chekhoslovakii v trekh tomakh. Pod red. L N. Mel'nikovoi i dr. Moskva.
Vol. 3. 1960. 662 p.
Works of Czechoslovakian historians on the occasion of the 40th anniversary of the October Revolution. E D. Vorob'eva Krat. soob Inst slav no 27·103-107 '59.

CZECHOSLOVAKIA—HOUSE FURNISHINGS
Straight lines, excellent style, and full comfort. Ukraina no 1 32 Ja '60

CZECHOSLOVAKIA—INDUSTRIES
A comprehensive analysis of the administrative operation of enterprises in the Czechoslovak Republic. S. Tatur Bukhg uchet 17 no. 2·72-76 F '60.

CZECHOSLOVAKIA—LABOR AND LABORING CLASSES
Two months among Czechoslovakian workers. S. Vladimirov. Nar. khoz. Kazakh. 18 no. 1:89-90 Ja '60.

CZECHOSLOVAKIA—MACHINE-TRACTOR STATIONS—COSTS
Applying correlation analysis in the study of work costs in machine-tractor stations. Vatslav Chermak. Uch. zap. po stat. 4.211-223 '59.

CZECHOSLOVAKIA—MACHINERY INDUSTRY
Czechoslovakian machinery industry at the Brno fair. N S. Semin Biul tekh.-ekon. inform. no. 1.84-87 '60

CZECHOSLOVAKIA—MOTION-PICTURE PLAYS
The fate of Vaclav Maly. A. Bragin. Isk. kino no. 2·52-5[illegible] F '60.
Glorification of fraternal ties R. Korol' Mystetstvo 6 no 4 15 Jl-Ag '59.

CZECHOSLOVAKIA—NIHILISM
Anticlerical struggle of the Czech people. A. Jaček. Ezhegod. Muz ist. rel. i ateiz. 3 287-294 '59

CZECHOSLOVAKIA—ORE DRESSING
Investigations on problems of ore dressing in the Scientific Institute of the Czechoslovak Republic G. P Slavnin TSvet met. 33 no. 1 91-92 Ja '60

CZECHOSLOVAKIA—PHOTOGRAPHY—COMPETITIONS
Our friendship is indestructible, photography contest of "Svet Sovetu " Sov foto 20 no 1 13 Ja '60.

CZECHOSLOVAKIA—PLANT PHYSIOLOGY
Development and current status of plant physiology in Czechoslovakia. I. P. Bilokin'. Ukr. bot. zhur. 16 no 6.87-98 '59.

CZECHOSLOVAKIA—PLASTERING
Practices of Czechoslovak plasterers. A Tokh Zhil-kom khoz 10 no 2 33-34 '60.

CZECHOSLOVAKIA—POLAROGRAPHY
The new polarographs of the Czechoslovak Academy of Sciences. V. K. Zhavoronkina Trudy MGI 16:[illegible] '59.

CZECHOSLOVAKIA—RAILROADS—TRACK
Continuous track and reinforced concrete ties on Czechoslovakian railroads. R IA. Fedorchenko Zhel dor transp 42 no. 2 82-86 F '60.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA
Two months among Czechoslovakian workers. S. Vladimirov. Nar. khoz. Kazakh. 18 no. 1:89-90 Ja '60

CZECHOSLOVAKIA—SEISMOLOGY
History of the study of earthquakes in Czechoslovakia. I. V. Batiushkova. Vop. ist. est. i tekh. no. 8·131-137 '59.

CZECHOSLOVAKIA—SHAFT SINKING
Lining rectangular shafts with sectional reinforced concrete, and upraises with betonite. B. T. Akimov. [illegible] stroi. no. 1:29-31 Ja '60.

CZECHOSLOVAKIA—SHOE INDUSTRY
A thousand new styles of shoes. Ukraina no. 4:21 F '60

CZECHOSLOVAKIA—TRACTORS—MAINTENANCE AND REPAIR
Analyzing the influence of several basic factors on the amount of expenditures for machine repairs in machine-tractor stations. Petr Rastokin. Uch. zap. po stat 4:196-210 '59.

CZECHOSLOVAKIA—WAGES
Bank control over wage fund disbursements in Czechoslovakia. K. Goushka, B. Kratochvil. Den. i kred. 18 no. 5:36-40 My '60.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945
Eternally together. IUrii Chernogorov. Sov. Ukr. 9 no 9 145-154 S '59.

DDT (INSECTICIDE)
DDT and the destruction of fish. E. I. Sokolnikin. Pr ryb 49 no. 5 109-110 My '60.

DDT (INSECTICIDE)—PHYSIOLOGICAL EFFECT
Influence of DDT and products of its synthesis on liver function. E. P. Krasniuk. Vrach. delo no. 12 1307-1309 D '59.

DAGENHAM, GREAT BRITAIN—MUNICIPAL GOVERNMENT
What we saw in Dagenham. A. Goncharov. Sov. deput. trud. no. 2:106-110 F '60.

DAGHESTAN—ART INDUSTRIES
Trunov, D. I. [Daghestan craftsmen] Dagestanskie umel'tsy. Moskva, Vses. koop. izd-vo 1959. 81 p.

DAGHESTAN—BIBLIOGRAPHY see Bibliography—Daghestan

DAGHESTAN—CIRCUS
Khadzhiev, M. [This is how perfection is attained] Tak rozhdaetsia masterstvo. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 30 p.

DAGHESTAN—GAS, NATURAL. GEOLOGY

Kompleksnaia IUzhnaia geologicheskaia ekspeditsiia, 1956-. [Transactions of the General Southern Geological Expedition] Trudy. Pod red. I.O. [illegible] Gos. nauchno tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie.
 No. 4. [Geology and oil and gas potentials of the southern U.S.S.R., [illegible]] [illegible] 1959. 431 p.

DAGHESTAN—MUSIC

Agababov, S.A., comp. [Musical [illegible] of Daghestan] Deiateli muzykal'nogo iskusstva [illegible]. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1958. [illegible] p.

DAGHESTAN—PETROLEUM GEOLOGY

Kompleksnaia IUzhnaia geologicheskaia ekspeditsiia, 1956-. [Transactions of the General Southern Geological Expedition] Trudy. Pod red. [illegible] Gos. nauchno tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie.
 No. 4. [Geology and oil and gas potentials of the southern U.S.S.R. [illegible]] [illegible] 1959. 431 p.

Structural characteristics [illegible] in southern Daghestan [illegible] Geol. [illegible]

DAGHESTAN—VIEWS

[Daghestan, a [illegible] of Soviet Daghestan] [illegible] n.d. [12 postcards [illegible]]

DAGHESTAN POETRY see under Poetry, [illegible]

DAHLIAS

Digging and storing dahlias [illegible] Biul. [illegible] AN [illegible]

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES

Standards for testing [illegible] papers of the 14th [illegible] Federation). [illegible] 110-112 '59.

DAIRYING

(see also subdivision under [illegible] District, Orenburg Province [illegible])

Combining dairy farming [illegible] ov. [illegible]

DAMPING (MECHANICS)

Critical regions in [illegible] helium II [with summary in English] [illegible] Izdz. [illegible]

Structural hysteresis [illegible] ends. V.P. [illegible] no.1:91-99 '60.

DAMS

(see also subdivision under [illegible] River; Rivers)

Calculation of [illegible] dams with [illegible] no.3 [illegible]

Concrete gravity [illegible]

Constructing dams with [illegible] dams. I.N. Vo[illegible] no.2:10-16 F '60.

Field testing of [illegible] gravity dams. [illegible] F '60.

Measures for preventing cracks [illegible] constructing high pressure gravity dams [illegible] Gidr. stroi. 30 no.1:30-33 Ja '60.

Percolation [illegible] stream flows, [illegible]

Physical and mechanical properties [illegible] I.S. Fedorov, V.I. Mas[illegible] 44 F '60.

DAMS—CONGRESSES

Seventh International Congress on Large Dams. [illegible] stroi. 30 no.1:64 Ja '60.

DANCE ORCHESTRA see subdivision under Music

DANKOV DISTRICT—LAND AND SETTLEMENTS

If the director is wrong, [illegible] A. Bal'nikov, [illegible] no.3:62-64 Mr '60.

DANOVSKAIA, ZOIA NIKOLAEVNA, 1923-

A girl called Zoia. [illegible] no.1:48-52 Ja '60.

DANUBE VALLEY—DESCRIPTION AND TRAVEL

Josak, Jan. [illegible] the Danube] [illegible] Izd-vo geogr. lit-ry, 1960. [illegible]

DAPHNIA see subdivision under [illegible]

DAIR [illegible]

DAIRY [illegible]

[illegible] [with summary in English] [illegible] [illegible]

DARWIN, CHARLES ROBERT, 1809-1882

[illegible] 150th anniversary of [illegible] Darwin [illegible]

[illegible]

[illegible]

[illegible]

[illegible] Darwin in Soviet archives. [illegible]

DA[illegible]

[illegible] **NEWSPAPER AND PERIODICAL PUBLICATIONS**

[illegible]

[illegible] **COLLECTIVE FARMS**

[illegible]

[illegible] Bulgaria [illegible] Practice [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Japan. [illegible]

[illegible]

DEFORMATIONS (MECHANICS)

Changes in the fine crystal structure of niobium under the effect of [illegible] plastic deformation. [illegible] Izv. vys. ucheb. zav.; [illegible] no.[illegible] '60.

Connection between the deformability of steel and its structure [with summary in English]. N.S. Alferova. [illegible] 20 no.2:141-148 F '60.

Deformation of rings with a great curvature. V.V. Alu[illegible], A.V. Voronin. Trudy VNIINMASH no.1:107-211 '60.

Determining the resistance to deformation of metals and alloys at high temperatures. [illegible] Izv. vys. ucheb. zav.; [illegible]

Development of plastic deformation caused by impact stretching and in the presence of stress concentration. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.2:120-129 Mr-Ap '60.

Effect of plastic deformation at low temperatures on the [illegible] properties of [illegible] steel. A. P. Gul[illegible], [illegible] Izv. vys. ucheb. zav.; [illegible]

Effect of pressure in aluminum alloys. V. P. Kozlovskii. Izv. vys. ucheb. zav.; [illegible] no.2:57-60 '60.

Effect of stress and deformation on diffusion processes [illegible] Izv. vys. ucheb. zav.; [illegible]

[illegible] of the effect of speed and temperature of deformation on the process of plastic flow. [illegible] Popov. Izv. vys. ucheb. zav.; [illegible]

Gubkin, S.I. [Plastic deformation of metals] Plasticheskaia deformatsiia metallov. Moskva, Gos. nauchno-tekhn. izd-vo [illegible]
 Vol. 1. [[illegible] of plastic metalwork] [illegible] metallov. 1960. 376 p.

Indentation of a rough stamp into a thick plastically [illegible] plate. B. A. [illegible] Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.2:140-141 Mr-Ap '60.

[illegible] by means of testing [illegible] A. V. [illegible] Izv. vys. ucheb. zav.; [illegible]

[illegible] of molybdenum [illegible] Izv. vys. ucheb. zav.; [illegible]

Low temperature plastic breakdown of large-grain iron. [illegible], IA. D. [illegible] Fiz. tver. tela [illegible] no.[illegible] D '59.

Mechanism of high temperature deformation of nickel-[illegible] Izv. vys. ucheb. zav.; [illegible]

Precision of part dimensions prepared by means of electric arc welding. G.Z. Voloshkevich, [illegible] Avtom. svar. 13 no.4:14-19 F '60.

Regularities in the uniform deformation of hardened [illegible] A. I. [illegible] Trudy [illegible] 191-216 '59.

[illegible] plastic [illegible]

State of stress during the deformation of circular blanks. [illegible] Izv. vys. ucheb. zav.; [illegible]

Stresses of plastic shape changing in metal press working techniques. G. A. Smirnov-Aliaev. [illegible] 3 no.1:3-7 Ja '60.

[illegible] effect of straining on softening during the deformation [illegible] M. D. Makagon, V. I. Panin, V. [illegible] Izv. vys. ucheb. zav.; [illegible] '60.

DEGAS, HILAIRE GERMAIN EDGAR, 1834-1917

Degas and his time. V. [illegible] Iskusstvo 31 no.[illegible] F '60.

DEGUSTATION RESTAURANTS, LUNCHROOMS, ETC.

Tea served in a homelike atmosphere. [illegible] Obshchestv. pit. no.1:21 Ja '60.

DEHYDRATED FOOD see Food, Dried

DEHYDRATED VEGETABLES see Vegetables, Dried

DEHYDRATION

[illegible] alcohols of the acetylenic series and their conversions. Part 20. Structure of the products obtained by the dehydration of 1,2,5 triols of the ethylene series. V. I. Nikitin, G. I. [illegible] Zhur. ob. khim. 30 no.5:1401-1411 My '60.

DEHYDROGENASE

Effect of [illegible] on the xanthine oxidase and aldehyde dehydrogenase activity in the livers of white rats. [illegible] Med. exp. 4 no.[illegible]

DELHI, INDIA—TETANUS

Tetanus in Delhi. [illegible] M. P. Matveev. [illegible] no.1:19-25 Ja-F '60.

DELO ATEZHEN see subdivision under Leningrad

DELIVERY OF GOODS

"Legal regulation of centralized delivery of goods" by V. A. [illegible] Reviewed by A. Rabin. Sov. torg. 33 no.2:55-56 F '60.

DELIVERY OF GOODS (LAW)

Decisions of the State Arbitration Agency attached to the Council of Ministers of the U S S R. Sots zakon 37 no 3 89-91 Mr '60

New instruction that regulate the receiving of goods I Liberman So iust, no 1 15-20 Ja '60

DELUGE

The Flood and Noah's Ark. G. Mode. Blok.agit. [Bel.] no 6:36-42 F '60.

Was there a Deluge? D I Shcherbakov Nauka i rel no 2 15-18 F '60

DEMENTIA PRAECOX see Schizophrenia

DEM'IANENKO, IVAN EVSEEVICH

Promoter of innovations. N. Karjukin. Sel'. mekh. no 2:44-45 '60

DEMOCRITUS

Asmus, V. F. [Democritus] Demokrit. [Moskva] Izd-vo Mosk. univ., 1960. 75 p.

DENMARK—COLD STORAGE WAREHOUSES

Refrigeration enterprises in Denmark. D Riutov. Khol tekh 37 no 1:65-68 Ja-F '60

DENMARK—COMMUNIST PARTY

We should avert fatal consequences Part zhizn' no 11 70-71 Je '60

DENMARK—DEFENSES

History should not repeat itself. A Pogodin Ogonek 38 no 2 7 Ja '60

DENMARK—FOREIGN RELATIONS—GERMANY, WEST

History should not repeat itself A Pogodin Ogonek 38 no 2 7 Ja '60

DENMARK—MOTION-PICTURE PLAYS

The art of a small country. M. Brandt. Isk.kino no. 2: 134-137 F '60.

DENMARK—REFRIGERATION AND REFRIGERATING MACHINERY

Refrigeration enterprises in Denmark D. Riutov. Khol. tekh 37 no 1:65-68 Ja-F '60

DENSITOMETERS

Densitometer with an ink recorder for measuring electrophoregrams in penetrating and reflected light B R Kyrychyns'kyi, R. O Roitrub, V V. Budkevych Fiziol zhur [Ukr] 6 no 1 130-132 J-F '60

DENTAL INSTRUMENTS AND APPARATUS

Kozlov, V. A. [Some problems in improvement and development of devices in orthopedic stomatology] Nekotorye voprosy ratsionalizatsiia i izobretatel'stva v ortopedicheskoi stomatologii Moskva, Gos. izd-vo med. lit-ry, 1960. 20 p.
(DNLM)

DEPOSITION AND SEDIMENTATION see Sedimentation and deposition

DEPOSITIONS see Evidence (Law)

DEPRECIATION

Procedure for writing off the depreciation of rollers. M. Avrunin Bukhg uchet 17 no 3 32-36 Mr '60.

DESCRIPTION (RHETORIC)

For artistic mastery in the sketch. A. Baltaga. Sov. Ukr. 9 no. 8 159-166 Ag '59.

DESERT FLORA

Desert plants. B. I. Shcherbakov. Priroda 49 no. 5: 29-34 My '60.

Studying the rhythm of the seasonal development of plants on sandy deserts. R. A. Rotov. Izv. AN Turk. SSR no. 6 104-108 '59.

DESOXYRIBONUCLEIC ACID

Kinetics of chain molecule reduplication. A. N. Orlov, S. N. Fishman. Dokl. AN SSSR 132 no. 3:700-703 My '60.

DESTRUCTIVE DISTILLATION see Distillation, Destructive

DESULFURATION

Desulfuration of pig iron outside the blast furnace. L. IA. Shparber. Metallurg 5 no. 2 8-9 F '60.

Improving the desulfuration process in smelting high carbon tool steel. V. G. Kravtsov, B. A. Rogulev. Metallurg 5 no. 2:17-18 F '60.

DEUTERIUM OXIDE

Thermodynamic similarity between ordinary and heavy water. P. M. Kessel'man. Teploenergetika 7 no. 3 83-87 Mr '60.

DEUTEROMYCETES see subdivision under Ukraine

DEVILFISH see Octopus

DEVONA, KARIM, d. 1918

Thus was a poet discovered ("In search of Karim Devona" by Khabibullo Nazarov. Reviewed by Vladimir Kiselev). Sov. Ukr. 9 no. 9:171-174 S '59.

DEXTRAN

Artificial blood. Znan. ta pratsia no. 2:8 F '60.

DIABETES

Case of acromegaly with manifestations of virilism and diabetes insipidus for 32 years with preservation of the mestrual cycle for 38 years. B. M. Kotliarenko, M. S. Glusker. Probl. endok i gorm. 5 no. 6:110-111 N-D '59

Changes in the vascular system of the pancreas in experimental diabetes in rats [with summary in English]. L. E. Zhemchuzhnikova Probl. endok. i gorm. 5 no. 5:20-26 S-O '59.

Pathogenesis of diabetes. S. G. Genes. Kaz. med. zhur. 40 no 6:8-14 N-D '59

Role of the higher segments of the central nervous system, the age factor and the sex hormones in the pathogenesis of experimental (alloxan) diabetes. I. M. Sokoloverova. Trudy Inst fiziol. 8:312-320 '59.

Synthetic antidiabetic drugs (from "Ceskoslovenska Farmacie," 1959, v. 8, no. 3, pp. 129-135). Med. prom. 14 no. 2:60 F '60.

DIAGNOSIS, FLUOROSCOPIC see subdivision under Orekhovo-Zuyevo, Sverdlovsk Province

DIAGNOSIS, RADIOSCOPIC

Preparation of the patient for X-ray examination. A. I. Bukhman. Med. sestra 19 no 2:38-40 F '60.

Significance of functional (indirect) X-ray symptoms in the diagnosis of peptic ulcer in young subjects A. A Litvinenko. Voen.-med zhur no 2 81-82 F '60.

"X-ray diagnosis of occupational diseases" by A. V. Grinberg. Reviewed by B. M. Shtern. Vest. rent. i rad. 34 no. 6 81-82 N-D '59.

DIAGNOSIS, SURGICAL

Prokof'ev, N. N. [Summary principles of emergency surgical diagnosis] Kratkie osnovy neotlozhnoi khirurgicheskoi diagnostiki. Izd. 3., ispr. i dop. [Petrozavodsk] Gos. izd-vo med. lit-ry, 1959. 246 p. (Biblioteka prakticheskogo vracha)
(DNLM)

D'IAKOV, VLADIMIR NIKOLAEVICH, 1882-1959

V. N. D'iakov; obituary. F. A. TSvetaova. Sov. arkheol. 4 no. 1:324 '60.

D'IAKOVICH, SEMEN VASIL'EVICH

Semen Vasil'evich D'iakovich. Khim. v shkole 15 no. 1: 5-6 Ja-F '60.

DIALECTICAL MATERIALISM
(see also subdivision under Germany)

For a better study of the categories of materialist dialectic ("Dialectical materialism on the laws of science" by V. M. Kovalgin. Reviewed by E. P. Nikitin). Nauch. dokl. vys. shkoly; filos. nauki no. 4:163-166 '59.

Marxist philosophy as the method of scientific cognition. P. V. Kopnin. Vop. filos. 14 no. 5:135-144 '60.

Moroz, K. V. [Dialectical materialism as an ideological weapon in the struggle for communism] Dialekticheskii materializm-ideinoe oruzhie bor'by za kommunizm. Moskva, Izd-vo VPSH i AON pri TsK KPSS, 1960. 71 p.

Moscow. Akademiia obshchestvennykh nauk. [V. I. Lenin's struggle for militant materialism and revolutionary dialectics] Bor'ba V I Lenina za voinstvuiushchii materialism i revoliutsionnuiu dialektiku. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 374 p.

Objectivity of logical contradictions. D. V. Pivnev. Nauch. dokl. vys. shkoly, filos. nauki no. 4:82-92 '59.

The origin of dialectical materialism. S. V. Nikolaev. Uch. zap. Sar. un. 60.3-34 '57.

Problems of dialectical logic in V. I. Lenin's book "Materialism and empiric criticism." V. I. Mal'tsev. Nauch. dokl. vys. shkoly; filos. nauki no. 4:71-81 '59.

Study on the history of Marxist-Leninist philosophy ("Struggle of Marxism-Leninism against philosophical revisionism at the end of the 19th and the beginning of the 20th century" by D. A. Chagin. Reviewed by L. N. Suvorov). Vest. vys. shkoly 17[i. e. 18] no. 5:84-87 My '60.

DIAPHRAGM

Some topographic characteristics of the heart and of its pulsation in case of a modified diaphragmatic position in patients with pulmonary tuberculosis [with summary in English]. D. L. Bronshtein. Vest. rent. i rad. 34 no. 6:46-52 N-D '59.

DIAPHRAGM—HERNIA

Traumatic diaphragmatic hernia. A A. Greiman, S. IA. Epshtein Zdrav. Belor 6 no. 3.60 Mr '60.

DIARRHEA—BACTERIOLOGY

Some properties of serological types of Escherichia coli (026, 0111) isolated in diarrheas in infants and in young children [with summary in English]. F. IA. Lepp, E. T. Tallmeister Zhur. mikrobiol. epid. i immun. 30 no. 12. 73-76 D '59.

DIASPORE

Effect of admixtures of boehmite and diaspore on the rate of decomposition of aluminate solutions. S. I. Kuznetsov, V. A. Derevianklin, O K. Shabalina. Zhur. prikl. khim. 33 no. 2:257-266 F '60.

DIATHERMY

Splenic and endocrine correlations under pathological conditions, diathermy of the spleen in the treatment of thyrotoxicosis [with summary in English]. L. I. Ge[illegible] Probl. endok. i gorm 5 no. 6:11-16 N-D '59.

DIATHERMY, SURGICAL see Electrosurgery

DIATHESIS

Exudative diathesis. E. D. Zabludovskaia Med. sestra 19 no 3:29-33 Mr '60

DIATOMACEOUS EARTH

Technology of preparation of diatomite material for the filtration of beer. N. V. Leonovich, N. I. Gureva. Trudy VNIIPP no. 7:48-55 '59.

DIATOMS see subdivision under Bering Sea

DIAZO COMPOUNDS

Compliance of aqueous solutions of diazo-compounds with the law of dilution B. V. Passet, B. A. Porai-Koshits. Zhur. prikl. khim. 33 no. 2,486-490 F '60

Products resulting from the azo coupling of a diazo derivative with aromatic hydroxy acids. M. S. Zhedek Zhur. prikl. khim. 33 no. 2:503-505 F '60

Products resulting from the azo coupling of bisdiazotized 4, 4'-diaminodiphenylsulfone (aminosulfone) with phenols and naphthols. M. S. Zhedek. Zhur. prikl. khim. 33 no. 2 499-502 F '60.

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICOTYLEDONS see subdivision under Kazakhstan

DICTIONARIES, POLYGLOT

International Electrotechnical Commission. [International electrical engineering dictionary] Mezhdunarodnyi elektrotekhnicheskii slovar'. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Group. 16. [Relay protection] Releinaia zashchita 1960. 114 p.

DIE CASTING

Conveyer equipment of foundry shops and plants for casting under pressure. M. L. Zaslavskii. Lit. proizv. no. 2: 16-20 F '60.

Making large separators by means of liquid metal die forging. S. F. Belikov, V. V. Strel'nikov. Lit. proizv. no. 2 8-9 F '60.

Parameters of casting into permanent graphite molds. M. N. Sosnenko. Lit. proizv. no. 2:34-36 F '60.

Semiautomatic machine for the assembly and die casting of electric motor rotors. I. F. Kostomarov, A. A. [illegible], F. I. Glinnikov. Lit. proizv. no. 2:20-21 F '60

DIELDRIN

Preparation of aldrin and dieldrin. N. A. Beli[illegible] and others. Zhur. prikl. khim. 33 no. 2 451-46[illegible] F '60.

DIELECTRIC CONSTANTS—MEASUREMENT

Rectangular cavity for measuring electric constants of dielectrics at super-high frequencies. A. N. [illegible] Izv. vys. ucheb. zav., prib. no. 4:28-37 '60.

Review of the development of methods and instruments for measuring dielectric constants on ultrashort waves. A. S. Ivanov. Izv. vys. ucheb. zav., prib. 2 no. 5:3-12 '59.

DIELECTRIC HEATING

Method for designing spiral electrodes of cooking kettles. M. N. IAkovlev. Sbor. nauch. rab. INKII no. 15 pt. 2 157-170 '59.

DIELECTRICS

Contemporary concepts on dielectric breakdown. G I Skanavi. Elektrichestvo no. 2:1-9 F '60

Dielectric losses of ionic crystals as related to their structure. N. P. Bogoroditskii, B. A. Kulik, I. D. Fridberg Izv AN SSSR. Ser. fiz. 24 no 2:137-141 F '60

Dipole electromagnetic method for determining the depth at which a layer of finite conductivity is embedded [with summary in English]. G. V. Molochnov. Vest. LGU 15 no. 10:34-44 '60.

Investigating dielectric losses in solid dielectrics at high frequency. K. A. Vodop'ianov, G. I. Galivina Izv AN SSSR. Ser. fiz. 24 no. 2:142-149 F '60.

Modern methods of testing the specific inductive capacitance and the tangent of the angle of dielectric losses of plastics. Zav. lab. 26 no. 2:188-192 '60

Power relationships transferred by waves which are excited by a slot in a dielectric covered surface. G. V. Shannikov. Radiotekhnika 15 no. 2:27-33 F '60.

Problem of relaxation time and function of distribution of quasi-dipoles in ionic crystals with defective structure. G. I. Skanavi Izv. AN SSSR. Ser. fiz. 24 no 2 124-13[illegible] F '60.

Studying the relaxation polarization and phase state of dielectrics of the system $SrTiO_3 - Bi_2O_3 \cdot nTiO_2$ [illegible] A. M. Kashtanova, N. N. Kurtseva, G. I. Skanavi. Izv AN SSSR. Ser. fiz. 24 no. 2 114-123 F '60.

Thermal expansion, and specific inductance capacity and losses of alkali metal halide crystals. V V. Pante[illegible] Izv. AN SSSR. Ser. fiz. 24 no. 2:150-160 F '60

DIENCEPHALON - DISEASES

Dynamic studies on [illegible] biological activity of the [illegible] cephalic pathology [illegible] Kanoll, [illegible] A. Mattis [illegible]

DIES (METALWORKING)

(see also subdivision under [illegible])

Kukhtarov, V. I., and O. V. [illegible] [Dies (for) sheet stamping] [illegible] Moskva, [illegible] stroit. lit-ry, 1960 [illegible] p.

DIESEL ELECTRIC POWER PLANTS

The DPP-[illegible] mobile [illegible] Byvanov, [illegible]

DIESEL ENGINES

(see also subdivision under [illegible])

Automation and [illegible] tekh. [illegible]

Heat transfer in a [illegible] Ast prom. [illegible]

Internal [illegible] in diesel [illegible] Trakt. i sel'khozmash. [illegible]

Investigating the [illegible] with loop [illegible] Fpandan. Trakt. i sel'khozmash. [illegible]

Lazarev, A. A., [illegible] 100 engine construction and [illegible] 100, [illegible] tekhn. izd-vo [illegible]

Melitopol'skii motornyi [illegible] 2Ch 10,5/13 [illegible] 2ChA 10,5/13, [illegible] 1ChSP 10,5/13, [illegible] marine [illegible] manual for [illegible] 2Ch 10,5/13 [illegible] 2ChA 10,5/13 [illegible] 2ChSP 10,5/13 [illegible] tekhn. izd-vo [illegible]

Stresses in [illegible] engines. [illegible] no. 2/4 [illegible]

DIESEL FUELS

Effect of the [illegible]

DIESEL LOCOMOTIVES

(see also subdivision under [illegible])

Basic results [illegible]

Efficient [illegible] diesel [illegible] elektrotyaga [illegible]

Electric [illegible]

Introducing diesel [illegible] portation. [illegible] Ja '60.

Ivanov, V. V. [illegible] the "Construction [illegible] for students [illegible] locomotives, [illegible] ance"] [illegible] po "Konstruktsiia [illegible] dlia studentov [illegible] planovane [illegible] izdvo, 1958. 67 p.

Ivanov, V. V. [illegible] lectures [illegible] (diesel) [illegible] "Diesel [illegible] maintenance [illegible] lektsiia po distsiplin [illegible] tivy (teplovozy) dlia [illegible] "Teplovozy [illegible] transp. zhel. dor. [illegible]

Nikolaev, I. I. [illegible] sections of track [illegible] locom. tive design [illegible] fifth semester [illegible] Dvizhenie teplovozov [illegible] po distsipline [illegible] (dlia studentov V [illegible] voinykh zavedenii [illegible] vo, 1958. 31 p.

Nikolaev, I. I. [illegible] on the "Construction [illegible] (diesels) for [illegible] "Diesel locomotives, their [illegible] maintenance"] [illegible] lektsiia po distsipline "Konstruktsiia [illegible] vozy" (teplovozy) dlia studentov [illegible] "Teplovozy [illegible] transp. zhel. dor. [illegible] 1958. 57 p.

[illegible]

DIET

[illegible] Dieta [illegible] pit.

[illegible] diffuse [illegible] the thyroid [illegible]

DIET IN [illegible]

[illegible] In [illegible]

DIET [illegible]

[illegible]

Solution of boundary value problems by the method of polynomial approximations. [illegible] A. Shredder. [Trudy] MVTU [illegible]

Solution of the Dirichlet problem on a plane for a second order elliptic equation by expansion into a series. [illegible] Dokl. AN SSSR 132 no.4 [illegible]

DIFFUSERS

Continuous diffusers. [illegible] sakh. prom. [illegible]

[illegible] of the head part of [illegible] diffuser. [illegible] sakh. prom. [illegible]

[illegible] of the [illegible] continuous diffusers at the [illegible] sakh. prom. [illegible]

[illegible] of the [illegible] continuous diffusers. [illegible] sakh. prom. [illegible]

DIFFUSION

[illegible] diffusion [illegible] on the type of [illegible] M. P. Petrov [illegible]

[illegible] and heat [illegible] [illegible] A. [illegible]

Diffusion [illegible]

Diffusion [illegible] M. [illegible] A. [illegible]

Effect of [illegible] on the diffusion of [illegible]

Effect of [illegible] diffusion [illegible] M. [illegible] A. [illegible]

Effect of [illegible] diffusion [illegible]

Equipment for diffusion welding in vacuum. [illegible] Avtom. svarka [illegible] no.3 [illegible] 1960.

[illegible] in the [illegible] diffusion in electrolyte layers in the [illegible] Vlasenko, [illegible]

[illegible] of the diffusion of [illegible] sakh. prom. [illegible]

[illegible] of self-diffusion [illegible]

Study [illegible] diffusion [illegible]

[illegible]

[illegible]

DIFFUSION COATINGS

[illegible]

DIGESTION

Effect of [illegible] on digestion and metabolism [illegible] A. M. [illegible]

Effect of [illegible] on [illegible] biochemical processes in the [illegible] O. A. [illegible] Vop. pit. [illegible]

Length of time food stays in the digestive tracts of the [illegible] and of white mice. I. I. [illegible] Trudy VIZH no.12 [illegible]

DIGESTIVE ORGANS

[illegible] investigations of the digestive [illegible] Byull. eksp. [illegible]

Effect of [illegible] functions of the [illegible]

[illegible] on the central regulation of the digestive organs. A. [illegible] Trudy Inst. fiziol. [illegible]

DIGESTIVE ORGANS - BIRDS

[illegible] digestion in poultry. [illegible]

DIGESTIVE ORGANS - DISEASES

Clinic for alimentary diseases as an academic and [illegible] base for a department of the hygiene of nutrition. [illegible] M. Agranovskii. Vop. pit. 19 no.1 [illegible]

[illegible] in the treatment of [illegible] M. I. [illegible] Sovet. [illegible] AN [illegible]

DIGESTIVE ORGANS—INNERVATION

Changes in alimentary excitability in experimental vitamin B1 deficiency and subsequent vitamin therapy in dogs [with summary in English]. L A Shekun. Vop pit. 19 no 1 56-61 Ja-F '60.

DIGESTIVE ORGANS—SURGERY

Method for carrying out esophageal-gastric anastomosis, preliminary report A, M, Biriukov. Trudy Inst, klin. i eksp. khir. AN Kazakh, SSR 5 25-29 '59

Surgical method in perforated ulcers of the stomach and duodenum L I Shapiro Voen-med zhur no 2 27-29 F '60

DIGESTIVE ENZYMES

Digestive enzymes of fishes and seasonal variations in their activity [with summary in English] A V Ananichev Biokhimiia 24 no 6 1033-1040 N-D '59

DIGGING MACHINES see Excavating machinery

DIGITAL COMPUTERS, ELECTRONIC see Electronic digital computers

DIGITALIS

Carditoxin treatment of patients with chronic second and third degree circulatory insufficiency T, S Mnatsakanov, A, A, Katanian, G A, Nargizian, Sov, med. 24 no 1 89-93 Ja '60.

DIKES (GEOLOGY) see subdivision under Shalym region (Gornaya Shoriya)

DILATOMETRY

Studying small changes of volume during the annealing of deformed nickel S D Gertsriken, N N Novikov Issl po zharopr splav 4 134-139 '59

DIMENSIONAL ANALYSIS

Nevskii, A.S. [Application of the similitude theory to the study of thermal processes in heating furnaces] Primenenie teorii podobiia k izucheniiu teplovoi raboty nagrevatel'nykh pechei Sverdlovsk, Gos nauchno-tekhn, izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960 126 p

DIMO, NIKOLAI ALEKSANDROVICH, 1873-1959

Nikolai Aleksandrovich Dimo; obituary. I A. Krupenikov Zool zhur 38 no 12·1904-1906 D '59

DIODES

"Breakdown" of silicon alloy diodes in the transmission direction Zh I Alferov, E. A IArv Fiz tver tela 1 no 12·1879-1882 D '59.

Effect of the surface state on the breakdown voltage of silicon alloy diodes Zh I. Alferov, E V. Silina Fiz tver tela 1 no 12;1878-1879 D '59.

DIOPTRICS see Refraction

DIOXANE

Certain properties of carrier-free radioactive lanthanum and bismuth in water-dioxane solutions. B Z. Iofa, L V Bobrov, A, N Ratov Radiokhimiia 1 no, 6;674-678 '59.

Products of the photooxidation of dioxane. E. K. Varfolomeeva, Z G Zolotova. Ukr, khim, zhur 25 no 6· 708-712 '59

DIPHTHERIA

(see also subdivision under Tajikistan, Turkmenistan)

Clinical aspects of diphtheria of the nose and of some of its rare localizations V, F Lipkovskii Pediatriia 37 no, 12 55-56 D '59

Effect of diphtheria toxin on local inflammatory reaction. Report No. 2· on the mechanism of local action of diphtheria toxins L. A. Levina. Zhur. mikrobiol., epid, i immun. 31 no, 1:131-136 Ja '60,

Interprovince conference on diphtheria in Irkutsk, P. Plotnikova. Vop, okh, mat, i det. 5 no, 1;94 Ja-F '60.

DIPLOPODA

Contribution to the study of Diplopoda occuring in the U S S. R [with summary in English] IA. Lang Zool. zhur. 38 no, 12 1790-1796 D '59

DIRECTION FINDERS, RADIO see Radio direction finders

DISABLED—REHABILITATION, ETC.

The source of red tape. V. Shliakhov, N. Shakhov. Sov. deput, trud, no, 2·111 F '60.

DISABILITY EVALUATION

(see also subdivision under Tula)

Bogolepov, N. K., ed. [Disability evaluation in nervous and mental diseases] Ekspertiza trudosposobnosti pri nervnykh i psikhicheskikh zabolevaniiakh Moskva, Gos. izd-vo med. lit-ry, 1960 343 p.

Disability evaluation in cases with late results of brain injury. P. D. Cheplk, T. N. Karapina. Zdrav. Belor. 5 no, 1:50-51 Ja '60.

Expert evaluation of military personnel with traumatic disorders of the knee joint. M, I. Stoliarov. Voen-med. zhur. no, 2,43-46 F '60.

Expert evaluator's decisions following meniscectomy V A Motrenko Voen-med zhur no 2 47 F '60

Leningrad Scientific Research Institute for Disability Evaluation and Vocational Rehabilitation of Handicapped in 1960 P Maklavetskii Sots obesp 21 no 1 28-30 Ja '60

Work capacity of patients with coronary insufficiency [with summary in English]. L I. Fogel'son. Vrach. delo no 12 1241-1247 D '59.

DISARMAMENT

Authentic, human documents Sov pech no 2 11-14 F '60

Disarmament and relaxation of tensions. Pierre Cot. V zashch, mira no, 103;2-6 D '59.

Disarmament and what it means to you N, Liubimov. Sov. Soiuz no, 3 16-17 '60.

Disarmament is the path toward peace. E, Pavlov, V. Surin. Blok, agit. [Len.] no, 3·11-20 Ja '60.

Disarmament is the ultimate objective of socialism. F. Medvedeva. Komm. Bel. 34 no, 2,12-15 F '60.

Disarmament problem, 1959. Noel-Baker. V zashch. mira no, 103 7-15 D '59.

General disarmament and economics. S. Strumilin. Novyi mir 36 no. 3;176-186 Mr '60.

Great program of peace. Agitator no, 2·3-5 Ja '60.

The greatest act of humanity and love for peace. M Svinarenko Komm Mold. 5 no 2 16-22 F '60

In the name of life Ukraina no 3 1 F '60

Joint Soviet-Indian communiqué. Nov vrem 18 no, 7· 2-7 F '60

On the road toward peace. I. Glagolev Nov vrem 18 no 7 18-19 F '60

Right path toward peace Part, zhizn' Kazakh. 30 no 2 16-18 F '60

The Soviet Union's great step toward peace. Komm. Ukr. 35 no, 1;27-30 Ja '60.

The turning point of history. K. A. Abbas. Ogonek 38 no 4:5 Ja '60

Universal and thorough disarmament is the path toward a stable peace. L. Kiaev. Blok, agit. [Bel.] no, 31:10-17 N '59.

We know what war means! K. Cherevkov. Ogonek 38 no 4·2 Ja '60.

Workers of socialist countries, people of good will, all who are interested in preserving peace warmly welcome the new peace initiative of the Soviet Union TS Dragoicheva and others Ogonek 38 no. 4;4 Ja '60

DISARMAMENT—CONGRESSES

Peace is a common task! Ogonek 38 no 8 1 F '60

DISEASES—REPORTING

(see also subdivision under Vinnitsa)

Device for the statistical grouping of cards in the study of morbidity. N. V. Murav'ev. Zdrav. Ros. Feder. 4 no. 1;27-29 Ja '60.

Study of the contingents of patients in an urban medical center [with summary in English]. I. S. Guseva. Sov. zdrav 19 no, 2;36-38 '60.

DISEASES, MENTAL see Mental illness

DISKS, ROTATING

Precise solution for heat transfer through a disk rotating in a viscous non-compressible liquid. G. A. Tirskii. Trudy MFTI no, 3 85-92 '59.

DISLOCATIONS

Traumatic dislocations. I. M. Grigorovskii. Zdorov'e 6 no 2;30 F '60.

DISLOCATIONS IN CRYSTALS

Connection between grain deformations and dislocations along boundaries during the creep of nickel. V. M. Rozenberg Issl po zharopr. splav 4;58-63 '59.

Experimental observation of dislocation sources revealed by etching V. G. Rakin, N N. Buinov. Issl. po zharopr. splav 4 193-196 '59.

Some results of using the method of X-ray spectrography for the study of microvolumes of matter. I. B. Borovskii. Issl. po zharopr. splav 4 360-366 '59.

DISLOCATIONS IN METALS

Effect of crystal structure defects on certain properties of metals and alloys I. IA Dekhtiar, V S. Mikhalenkov, E G Madatova Issl. po zharopr splav. 4·71-77 '59.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

(see also subdivision under Smolenskoye)

All Soviet people should strive for exemplary law and order. V, Chus, P, Khaniukov, O, Rozhkov. Rad. pravo no, 1 29-31 Ja-F '60.

Let's reorganize the work of courts according to our new objectives D Ivanchenko Rad pravo no, 6;23-25 N-D '59.

Our people try to strengthen Soviet law and order. I. Katsai Sots zakon. 37 no 3 50-51 Mr '60.

Our people try to strengthen Soviet law and order. Protasenia. Sots zakon. 37 no. 3 50 Mr '60.

DISTILLATION

Calculating rectification with the aid of [illegible] B G Bergo and others Khim prom [illegible] O-N '59

Increasing the effectiveness of the extraction [illegible] process by means of pressure [illegible] Trudy MNI no, 20,93-102 '57.

DISTILLATION, DESTRUCTIVE

Electrons work with chemists. D, Zykov. [illegible] no, 1·63-65 Ja '60.

DISTILLATION, FRACTIONAL

Calculating the processes of rectification [illegible] tems by means of diagrams showing the [illegible] versus the concentration. I, N, Bushmakin, [illegible] khim 33 no [illegible] 296-301 F '60.

Effectiveness of a rectification column as a f[illegible] the reflux ration I N Bushmakin Zhur [illegible] 33 no 1·127-134 Ja '60.

Study of the ternary system methyl acetate [illegible] water by the rectification method N V [illegible] Tavastsherna, V M Kaliuzhnyi. Zhur [illegible] no, 1 248-251 Ja '60

DISTILLATION APPARATUS

Analyzing indices of enlarged and combined [illegible] primary distillation apparatus. I, T, [illegible] neft. khoz. 38 no, 10·33-36 O '59.

Obtaining low temperatures in the heads of [illegible] rectification columns. IU, N, Gurbe[illegible] Zav. lab. 26 no, 1 116 '60.

DISTILLING INDUSTRIES—ACCOUNTING

Improve accounting for the loss of raw [illegible] wool and alcohol industries S Mo[illegible] uchet 17 no 1 56-59 Ja '60.

DISULFIDE

Clinical and pathophysiological data on the [illegible] chronic alcoholism with antabuse. A, I, [illegible] delo no 12 1291-1293 D '59.

Vulcanizing action of bis (oxydiethylene[illegible]) fide [with summary in English] M [illegible] Eltingon, B A Dogadkin Vysokom [illegible] 102 Ja '60

DIURETICS AND DIURESIS

Changes in diuresis under the influence of [illegible] from the Naftusya Spring of the [illegible] Resort, M. A Dudchenko, Vop kur., [illegible] kul't 25 no 1 31-40 '60.

Diuretic action of diacarb. P. I. Mishchenko, O P. Ruchkina, Sov. med. 24 no, 1·123 120 [illegible]

DIVIDING ENGINES

Automatic dividing head with a horizontal axis [illegible] rotation Mod. metallorezh. stan [illegible]

DIVING

Roentgenographic studies of the heart and [illegible] [with summary in English]. V, I, Kol[illegible], T [illegible] kova, G. I, Markman. Vest. rent. i rad. 34 [illegible] N-D '59.

DIVORCE

Answering our readers' questions. [illegible] no 3·73-75 Mr '60.

Urgent problems. S. Vozniuk. Rad, pravo [illegible] Ja-F '60.

DNEPRODZERZHINSK—METALLURGY—STUDY AND TEACHING

On the eve of the opening of a technical institute [illegible] er learning at a plant. P. E, Kosenko. Vest [illegible] 17[i.e. 18] no, 5;18-20 My '60.

DNEPRODZERZHINSK—STEELWORKS—TECHNOLOGICAL INNOVATIONS

Review of "Steelworkers promoting technical [illegible] ment." A. Pirogov NTO 2 no 1 60 61 Ja [illegible]

DNEPROPETROVSK—ARCHAEOLOGY

"Easter Island" on the Dnieper. Sov. Soiuz [illegible]

DNEPROPETROVSK—CLEANING AND DYEING INDUSTRY

Better and more productive. G Fishinskii [illegible] 14 no, 2 26 F '60.

DNEPROPETROVSK—LAW—STUDY AND TEACHING

Our experience in legal information. V, Rolaska [illegible] pravo no, 1:110 Ja-F '60.

DNEPROPETROVSK—PATHOANATOMICAL SOCIETIES

Work of the Dnepropetrovsk Pathoanatomical [illegible] 1958. A, N. Morozova, I. P. Reshchikova. Arkh [illegible] no, 7;91-93 '59.

DNEPROPETROVSK—RADIANT HEATING

Using panel heating in apartment houses. K. [illegible], O, Kushka. Stroi. i arkhit. 8 no, 1:26-27 Ja '60.

DNEPROPETROVSK PROVINCE—BUILDING MATERIALS

Using local building materials. A Fleer Zhil [illegible] no 2 18-19 F '60

DNEPROPETROVSK PROVINCE—ECONOMIC POLICY
Romance of our time. [illegible]

DNEPROPETROVSK PROVINCE—FARM BUILDINGS
Houses for dairy workers on collective farms [illegible] in Dnepropetrovsk Province [illegible] no. 12:12 [illegible]

DNIEPER LOWLAND—GEOLOGY, STRATIGRAPHIC
Devonian stratigraphy of the [illegible] the Dnieper-Donets [illegible] Protsk [illegible]

DNIEPER LOWLAND—PETROLEUM GEOLOGY
The oil [illegible]

DNIEPER RIVER—NAVIGATION
Rolling waves of the Dnieper [illegible]
Rudenko, O. [In the Dnieper [illegible]] [illegible] 30 p.

DNIEPER VALLEY—ANTIQUITIES
Archaeological discoveries [illegible]
Archaeological findings [illegible] A. V. [illegible]
Neolithic and Bronze Age [illegible] Dnieper Valley. [illegible]

DNIEPER VALLEY—[illegible]
Local groups of [illegible]

DNIEPER VALLEY—[illegible]
[illegible]

DNIEPER VALLEY—[illegible]
[illegible]

DNIEPER VALLEY—[illegible]
[illegible]

DNIEPER VALLEY—[illegible]
[illegible]

DNIEPER VALLEY—[illegible]
[illegible]

[illegible]
[illegible]

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DOGS—ANATOMY
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Bogdanskii, Z. I. [illegible]

DOLGAYA [illegible]
[illegible]

DOLGAYA [illegible]
Collective farm [illegible]

[illegible]

DONETS BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
Overall plan for the rebuilding of the existing capital [illegible] of Donets [illegible] I. V. [illegible], V. A. [illegible]

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
[illegible] stratigraphy of the southern marginal [illegible] of the Dnieper-Donets [illegible] N. M. [illegible]

DONETS BASIN—METALLURGY
Pollution metallurgy [illegible] Plant in the Donets Basin in the 1890's. V. K. [illegible]

DONETS BASIN—MINE TIMBERING
Necessary characteristics and standard dimensions of steel supports for slopes in the Donets Basin. V. F. [illegible]
[illegible]

DONETS BASIN—MOTOR [illegible]
[illegible]

DONETS BASIN—PETROLEUM GEOLOGY
[illegible]

DONETS BASIN—SEWAGE DISPOSAL
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[illegible] (Wool)
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Gol'dman, [illegible] V. A. [illegible], and [illegible] [illegible]
[illegible]

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881
[illegible]

[illegible]
[illegible]

[illegible]—ANALYSIS
[illegible]

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956
[illegible]

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DRAINAGE
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Effect of land improvement measures on the water and [illegible]
[illegible]
[illegible] drainage in improving the fertility [illegible]
[illegible] drainage methods in constructing [illegible] M. S. [illegible]

DRAMA—HISTORY AND CRITICISM

A new work on the theory of drama ("Problems of poetics [illegible]") [illegible]

DRAWING—INSTRUCTION

[illegible]

DRAWING—TEXTBOOKS

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DREAMS

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[illegible]

DRILLING AND BORING

[illegible]

DRILLING AND BORING MACHINERY

[illegible]

DÜSSELDORF – PLASTICS – EXHIBITIONS
International symposium on [illegible] and plastics exhibition in the Federal Republic of Germany. V. A. Kargin and others. Vest AN [illegible] 68-71 My '60.

DUSSELDORF – TRIALS (POLITICAL CRIMES AND OFFENSES)
Shameful trial in Dusseldorf [illegible] [illegible] 10:11 [illegible] '60.

DUST
Evaluation of dust in the air of working areas according to the weight and number of the particles. [illegible] L. Oppl. Gig. i san. 25 no. 1:97-101 Ja '60.

DUST – MEASUREMENT
Device for measuring the dust in air. [illegible] Vest AN Kazakh SSR 16 no. 1:[illegible] Ja '60.

DUST – REMOVAL
Centrifugal [illegible] [illegible]

DUST COLLECTORS
(see also subdivision under [illegible])
Perepelitsa, V. I., and [illegible] [illegible] air composition [illegible] [illegible] Moskva, [illegible] dela, 1960. 49 p. [illegible]
Utilization of fly ash [illegible] filters [illegible] [illegible] Tsement 26 no. 1:[illegible]

DVADTSATYE VOENNYE [illegible] (Gardeyskiy District)

DWELLINGS see subdivision [illegible] Tselinyanskaya District

DYES AND DYEING
Characteristics of [illegible] [illegible] 1 '60.
Conversions of [illegible] Part 1: Determination [illegible] groups in [illegible] Zavlin. [illegible]
New data on the effect [illegible] dyed [illegible] prom. [illegible]

DYES AND DYEING – CELLULOSE
Kinetic investigation [illegible] dyes. [illegible] zav.; Tekh. tekst. [illegible]

DYES AND DYEING – CHEMICALS
Dyeing of [illegible] A. A. [illegible] tekst. prom. [illegible]

DYES AND DYEING – [illegible]
Suspensions [illegible] K. M. [illegible]

DYES AND DYEING – [illegible]
Automatic [illegible] coloring of [illegible] no. 1:24-25 [illegible]
New pigments [illegible] Savel'ev [illegible] Ja '60.

DYES AND DYEING – COTTON
Studying the process of [illegible] Report No. 1. A. A. [illegible] S. D. [illegible] volok. no. 6:13-17 [illegible]

DYES AND DYEING – PAPER
Suspensions [illegible] K. M. [illegible]

DYES AND DYEING – RUBBER [illegible]
Powdered pigments [illegible] rubber [illegible] Kauch. i rez. 19 [illegible]

DYES AND DYEING – [illegible]
Dyeing of [illegible] 20 no. 1:14 Ja '60.

DYMOV, ALEKSANDR MAKSIMOVICH, [illegible]
Aleksandr Maksimovich Dymov [illegible] of his birth. [illegible] '60.

DYNAMICS
Free outflow of [illegible] materials. [illegible] AN SSSR. Otd. tekh. nauk. Mekh. [illegible] 77 Mr-Ap '60.

[illegible]

DZHEZKAZGAN – GRASSES
[illegible] planting of forage grasses in the deserts of Dzhezkazgan. A. Akhmetov. Trudy Inst. bot. AN Kazakh. [illegible] '60.

DZHEZKAZGAN – MINING ENGINEERING
Musin, A. [illegible] (Mining flat ore deposits by the open stope system as applicable to conditions prevailing in Dzhezkazgan) [illegible] Alma-Ata, [illegible] Kazakh SSR, 1960. 344 p.

DZHEZKAZGAN – WHEAT
[illegible] of [illegible] under dry farming conditions in the [illegible] Mynbaev. [illegible] [illegible] wheat [illegible] dry farming conditions in Dzhezkazgan. [illegible] Mynbaev. [illegible]

DZHEZKAZGAN PROVINCE – SHEEP BREEDING
[illegible] number of [illegible] [illegible] no. [illegible] '60.

DZHEZKAZGAN RESERVOIR – PARASITES
Parasitic fauna of fishes in a reservoir of central Kazakhstan. [illegible] Sidorov. Trudy [illegible] no. 8: [illegible] '59.

DZHUNGARIAN ALA TAU – KNOTWEED
[illegible] in the Dzungarian Ala Tau. [illegible] Trudy [illegible] AN Kazakh. [illegible]

DZHUNGARIAN ALA TAU – RUNOFF
Effect of the rate of [illegible] flow on annual distribution of runoff. P. I. Lavrent'ev, [illegible] Lavrent'eva. Trudy KazNIGMI [illegible] '60.

EARTH
[illegible] evolution of the earth. [illegible]

EARTH – AGE
[illegible] determining the age of the earth. [illegible] [illegible] Ap '60.

EARTH – ROTATION
[illegible] [illegible] '60.

EARTH MOVEMENTS
Relation [illegible] the present day [illegible] the geophysical fields [illegible] A. [illegible] [illegible]
[illegible] A. Kaliskova. Vest. AN Kazakh. [illegible] '60.

EARTH SATELLITES, ARTIFICIAL see Artificial satellites

EARTHMOVING MACHINERY
[illegible] operations in building [illegible] taken in agriculture. [illegible] Mekh. stroi. 16 no. [illegible] '59.
[illegible] problems in the [illegible] design [illegible] [illegible] '60.
[illegible] [illegible] '60.
[illegible] Ja '60.
[illegible] working [illegible] '60.
We moved 301,000 m³ soil using one grader-elevator during the season. A. F. Volkov. Avt. dor. 23 no. 1: 16-17 Ja '60.

EARTHMOVING MACHINERY – COLD WEATHER OPERATION
[illegible] working frozen ground. [illegible] [illegible] '60.
[illegible] working frozen ground. [illegible] Mekh. stroi. 16 no. [illegible]

EARTHQUAKES AND BUILDING
(see also subdivision under Georgia)
Earthquake [illegible] reinforced concrete garages. [illegible] Ja '60.
Experimental estimation of vibration parameters of a section of apartment houses [in Georgian with summary in Russian]. [illegible] Trudy Inst. stroi. dela AN Gruz. SSR. 7:[illegible] '59.
[illegible] Trudy [illegible]
Seismic [illegible] subdivision. A. N. Safarian. Trudy Inst. stroi. dela AN Gruz. SSR. 7:[illegible] '59.
[illegible] Sh. G. Napetvaridze. Trudy Inst. stroi. dela AN Gruz. SSR. 7:[illegible] '59.

EARTHWORK—ESTIMATES

Method for refining cubing and the computing of quantities of earth. R M. Rondel' Sbor nauch trud. Bel politekh inst no. 70 31-10 '59.

EARTHWORK—TABLES, CALCULATIONS, ETC

Computing earth quantities in constructing road beds. P V Vekhov Avt dor 23 no 2·23-25 F '60

Suggestions for greater efficiency in organizing earthwork operations. K S Martenkov Izv vys. ucheb. zav , stroi i arkhit no. 8 126-130 '59

EARTHWORMS see subdivision under Khoper Valley

EARWIGS see subdivision under Kara-Tau

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—PALEOBOTANY, STRATIGRAPHIC

Lower boundary of the Quaternary period (system) and its stratigraphic position in the Russian Plain. V P. Grichuk Trudy Inst geog 77 5-90 '59

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—CRIME PREVENTION

Our people try to strengthen Soviet law and order I Katsai Sots zakon 37 no 3 50-51 Mr '60

EAST KAZAKHSTAN PROVINCE—ELECTRIC POWER DISTRIBUTION

Hidden potentialities of our enterprises L Stavitskii. Nar khoz Kazkh 18 no 2 70-71 F '60

EAST KAZAKHSTAN PROVINCE—FORESTS AND FORESTRY

Put forest riches of Eastern Kazakhstan in the service of the national economy. V. Pizikov. Nar. khoz. Kazakh. 18 no. 1,45-49 Ja '60.

EASTERN EMPIRE see Byzantine Empire

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EASTERN SIBERIA see Siberia, Eastern

EBERTHELLA TYPHOSA

Dependence of the immunological effectiveness of complete antigens on the biological properties of typhoid strains used for their preparation [with summary in English]. L A. Gintse. Zhur. mikrobiol., epid. i immun. 31 no. 1 55-60 Ja '60.

EBULLITION

Kinetics of boiling of a pure liquid [with summary in English]. IU. Kagan Zhur. fiz. khim. 34 no. 1 92-101 Ja '60.

ECGONINE

Synthetic studies of isomeric cocaines. Part 5· Synthesis of methyl esters of 3α-tropanol-2β-carboxylic acid, or alloecgonine, and of 3α-tropanol-2α-carboxylic acid, or allopseudoecgonine G. I. Bazilevskaia and others Zhur ob khim. 30 no. 5.1458-1461 My '60.

ECHINOPSINE

Clinical use of the alkaloid echinopsine. G. P. Gubina. Med. prom. 14 no. 2·53-54 F '60.

ECLIPSES

Additional tables for calculating elements of eclipsing systems with various ellipticity of components Part 2· Partial eclipse. A N. Dadaev. Izv GAO 19 no. 6 122-126 '55

ECLIPSES, LUNAR

Theory of lunar eclipses. V. G. Fesenkov Meteoritika no 18 125-135 '60.

ELIPSES, SOLAR—1952

Gradients of chromosphere lines (derived from observations of the total solar eclipse of February 25, 1952). V A Krat Izv GAO 19 no 6 31-39 '55

Results of observations of the solar corona according to data on the solar eclipse of June 30, 1954. M V. Babykin, A A Kaliniak, A. G Plakhov Izv GAO 20 no. 3 67-74 '56

ECOLOGY

Problems of modern ecology and the theory of natural selection. M. S. Giliarov. Usp. sovr. biol. 48 no. 3· 267-278 N-D '59.

Role of spatial isolation in species formation. IU. M. Olenov. Usp. sovr. biol. 48 no. 3:329-342 N-D '59.

ECONOMIC ASSISTANCE

The West confronted by the dilemma of aid G. Starushenko Sovr. Vost. no 5·3-4 My '60

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Laos; United Arab Republic

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under India

ECONOMIC COUNCILS

(see also subdivision under Ukraine)

Technological and economic committees of economic councils. IE. Bielins'kyi. Rad. pravo no. 1·93-98 Ja-F '60.

ECONOMIC CYCLES see Business cycles

ECONOMIC GEOLOGY see also subdivision 'Geology, Economic' under Polar regions; Yenisey Valley

ECONOMIC HISTORY

Countries and epochs ("The economic history of foreign countries", a series of lectures by V. T Chuntulov. Part 1 Reviewed by I. M. Braslavskii). Sov Ukr. 9 no. 12. 152-154 D '59.

Economic life. V zashch. mira no. 102·50-58 N '59.

Economic life. V zashch. mira no. 103;65-70 D '59.

ECONOMIC HISTORY—CONGRESSES

Delegation of French economists in the Soviet Union. R. I. Stolper. Vest. AN SSSR 30 no. 5·78-79 My '60.

ECONOMIC POLICY—CONGRESSES

Problems of working out a national economic balance in socialist countries. T. Riabushkin Plan khoz. 37 no 5 92-96 My '60.

ECONOMICS

Aid to economic education B Viktorov. Nauka i zhyttia 6 no. 9 38 S '56.

Akademiia nauk SSSR. Institut ekonomiki. [History of Russian economic thought] Istoriia russkoi ekonomicheskoi mysli. Pod red. A. I Pashkova i N. A. TSagolova Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. [Epoch of premonopolistic capitalism] Epokha domonopolisticheskogo kapitalizma. Pt. 1. 1959. 526 p.

Moscow. Universitet. [Criticism of present-day bourgeois, reformist, and revisionist economic theories] Kritika sovremennykh burzhuaznykh, reformistskikh i revizionistskikh ekonomicheskikh teorii. Pod red. N. A. TSagolova, Moskva, Izd-vo Sotsial'no-ekon. lit-ry, 1960. 588 p.

Mrachkovskaia, I. M [V. I Lenin's development of Marx's theory of the reproduction of gross national capital in the struggle against liberal populists and "legal marxists"] Razvitie V I Leninym marksistskoi teorii vosproizvodstva obshchestvennogo kapitala v bor'be protiv liberal'nykh narodnikov i "legal'nykh marksistov " Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960 174 p

Role of the law on increasing production of the means of production during large-scale building of communism. P. Shapovalov. V pom. polit. samoobr. 4 no. 1;96-100 Ja '60.

Sources of the development of productive forces. A. Sh. Rorer. Uch zap. Sar. un. 60;85-109 '57.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—OUTLINES, SYLLABI, ETC.

Moscow. Akademiia obshchestvennykh nauk. [Schedule of problems in the criticism of present-day bourgeois political economy and revisionism, for economic faculties of evening universities of Marxism-Leninism sponsored by local committees of the party. Prepared by the Department of Political Economy of the Academy of Social Sciences, under the direction of the Central Committee of the CPSU] Probrama z pytan' krytyky suchasnoi burzhuaznoi politychnoi ekonomii i revizionizmu dlia ekonomichnykh fakul'tetiv vechirnikh universytetiv marksyzmu-leninizmu pri mis'kkomakh partii. Pidhotovlena kafedroiu politychnoi ekonomii Akademii suspil'nykh nauk pry TsK KPRS. Kyiv, Derzhpolitvydav URSR, 1958. 14 p.
(MH)

ECONOMICS—STUDY AND TEACHING

Economic education of workers N Chudakov. Prof-tekh obr 17 no 1 3-4 Ja '60

In the Scientific and Technical Councils. Vest. vys. shkoly 17[i. e. 18] no. 5:67 My '60.

Unified topics are at the center of attention. A. A. Evdokimov. Vest. vys. shkoly 18 no. 6;73-77 Je '60.

University training for industrial economists. S. I. Prokhorov. Vest. vys. shkoly 17[i. e. 18] no. 5;16-18 My '60.

ECONOMICS, MATHEMATICAL—CONGRESSES

Scientific conference on using mathematical methods in economic study and planning. P. Zheleznlak. Plan. khoz. 37 no. 5;88-90 My '60.

ECUMENICAL MOVEMENT

Origin and development of the ecumenical movement. A. V. Karev. Brat. vest. no. 2;65-74 '59.

ECZEMA

Influence of cortisone and adrenocorticotropic hormone on the course of eczema in children [with summary in English]. M. E. Lipets Pediatriia 37 no. 12;8-11 D '59

Vaccinal eczema. G. E. Shinskii, R. G. Gabitova, IA. S. Neishtadt. Vrach. delo no. 12:1323-1325 D '59.

EDEMA

Diuretic effect of cortisone (in edemas induced by pyrazolidine). V. V. Orzheshkovskii. Probl. endok. i gorm. 5 no. 5:117-118 S-O '59.

EDIBLE OILS AND FATS see Oils and fats, Edible

EDUCATION

(see also subdivision under Kazakhstan; Siberia, Eastern; Turkmenistan; Ukraine; White Russia)

Communists help teachers. S. V. Bezenov. Obshcheobr. shkola vzrosl. no. 6 19-22 N-D '59.

Give unremitting attention to extended day schools and classes M S Danylevs'kyi, I. IA Korotun, H I. Savchenko Rad shkola 39 no 1 66-70 Ja '60

In the Supreme Soviets and the councils of ministers of the Union Republics. Sov. deput. trud. no. 2:95-96 F '60.

Moscow. Publichnaia biblioteka. [N. K. Krupskaia on self-education, a collection] N. K. Krupskaia o samoobrazovanii, sbornik. Moskva, 1960. 92 p.

Prospects in the development of pedagogical science and the coordination between the work of the Academy and educational departments of pedagogical institutes. I Kairov. Sov pedag. 24 no. 2 16-44 F '60.

Secondary schools train cultural workers V. Arozov Kul't.-pros rab 21 no. 1·16 Ja '60.

Soviet teachers and the drive of youth for knowledge. N. Lavrenov. Sov. pedag. 24 no. 2:56-61 F '60

Study of foreign schools and pedagogy. M. S. Bernshtein. Sov. pedag. 24 no. 2·45-55 F '60.

The time of inspiring events. Rad. shk. 39 no. 2·3-7 F '60.

We study, we rest, we work. L. Andreev. Sov. [illegible] no. 11·31-35 '58.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES

All-Russian Conference of heads of educational departments. Sov. pedag. 24 no. 2·157-160 F '60.

Toward the All-Russian Teachers' Congress. Obshcheobr. shkola vzrosl. no. 6:2-6 N-D '59.

EDUCATION—EXHIBITIONS

Educational problems at the Exhibition of Achievements of the Soviet National Economy M. V Shafarenko Rad shkola 39 no. 1 93-96 Ja '60

EDUCATION—HISTORY

Current problems in the history of education O H Dzeverin Rad shkola 39 no. 1·27-34 Ja '60

EDUCATION—PERIODICALS see subdivision under United States

EDUCATION—PHILOSOPHY

Role of V. I Lenin's "Materialism and empirio-criticism" in the development of Soviet pedagogy I V. [illegible] Rad shkola 39 no 1 15-21 Ja '60.

EDUCATION, COMMUNIST see Communist Education

EDUCATION, COOPERATIVE

(see also subdivision under Berezniki; Khmelevoje, Vologda)

Basic organizational principles of school education. M L Boldyriev. Rad shkola 39 no. 1 22-26 Ja '60

Educational work in classes with industrial training P. M Pilusnin. Politekh. obuch. no. 12;31-37 D '59

Experience in the creative strengthening of the ties of schools with life ("School and life." Reviewed by [illegible]) Rad shkola 39 no 1 89-90 Ja '60

How the industrial work of students from the fifth through the seventh grades develops their capability for self-appraisal. L. H. Podoliak. Rad. shk. 39 no. 2·32-35 F '60.

IAkovlev, V. A., and others. [Formation of students' personality in the process of productive work] Formirovanie lichnosti uchashchikhsia v protsesse proizvoditel'nogo truda. Tambov, Tambovskii gos. pedagog. in-t, 1959. 171 p.

My methodological work in a boarding school O F. Tkachuk. Rad shkola 39 no 1 45-50 Ja '60.

Our wishes. L. Krivinskii. Politekh. obuch. no. 12 31 D '59.

Practical work of the Communist Youth Leaguers of our school. H. Shenhera. Rad shkola 39 no. 1·62-65 Ja '60

Some bases of the connection between students' training and productive work. N. A. Sorokin. Dokl. APN no. 3 9-11 '59.

EDUCATION, ELEMENTARY—CONGRESSES

Visiting friends in Tashkent. V. Kondratov. Dosh. vosp. 33 no. 2:94-95 F '60.

EDUCATION, HIGHER

(see also subdivision under United States)

Inspiring concern for the welfare of the people. Vest. vys. shkoly 18 no. 6:3-5 Je '60.

A pamphlet on trade-union work ("For strengthening contact between school and life" by P. I. Egorshin. Reviewed by M. P. Alekseeva). Vest. vys. shkoly 18 no. 6 91 95 Je '60.

EDUCATION, HIGHER (Continued)

[Reorganization of higher pedagogical education; studies of the interuniversity methodological conference organized by the Moscow Province Pedagogical Institute.] O perestroike vysshego pedagogicheskogo obrazovaniia; trudy mezhvuzovskoi nauchno-metodicheskoi konferentsii, organizovannoi Moskovskim oblastnym pedagogicheskim institutom im. N.K. Krupskoi. Moskva, Izd. MOPI, 1960. 135 p.

EDUCATION, INDUSTRIAL see Manual training

EDUCATION, PRESCHOOL

(see also subdivision under Ivanovo, Leningrad Province, Lvov Province, Maslyanino District, Nikolayev Province)

About our best institutions for children. Dosh.vosp. 33 no.2:54-60 F '60.

In the central preschool educational methods office of the Ministry of Education of the R.S.F.S.R. O.I.Solov'eva. Dosh.vosp. 33 no.3:98-99 Mr '60.

Kindergarten and school. A.P.Usova. Dosh.vosp. 33 no.2:43-50 F '60.

Let's improve the preparation of children for school. Kh.Akhlamazian. Dosh.vosp. 33 no.2:90-91 F '60.

Propagandizing the ideas of communist education is our most important objective. A.Gol'dina. Dosh.vykh. 21 no.2:4 F '60.

A public task. Dosh.vosp. 33 no.3:1-5 [illegible] '60.

EDUCATION, PRESCHOOL—BIBLIOGRAPHY see Bibliography—Education, Preschool

EDUCATION, PRESCHOOL—CONGRESSES

Let's give our best experience to youth. L.Frumkina. Dosh.vosp. 33 no.2:57-58 F '60.

EDUCATION, PRESCHOOL—METHODOLOGY see subdivision under Moscow Province

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN

Combined work of kindergarten and school. Z.N.Artemova. Dosh.vosp. 33 no.3:93 [illegible] '60.

Drawing animals and human figures from nature while working with children in practical art. N.A.[illegible] Uch.zap.Mosk.gor.ped.inst. [illegible]

From students about their teachers. T.I.Gerasimova, E.O.Zarudi. Det.dom 15 no.4:64-66 '59.

Senior group of a kindergarten and entrance to school. A.I.Kamyshova, N.I.Kos'menko, L.G.Malevaia. Dosh.vosp. 33 no.2:22-26 F '60.

Useful book on education ("Practices of education at work in the Yentauy orphanage." Reviewed by L. Parfen'eva) Det.dom 15 no.4:71-73 '59.

EDUCATIONAL PSYCHOLOGY

Basic organizational principles of a [illegible] Boldyrev. Nar.shkola [illegible]

Bogoiavlenskii, D.N., and N.A.Menchinskaia. [Psychology of the assimilation of knowledge in school] Psikhologiia usvoeniia znanii v shkole. Moskva, Izd-vo Akad.ped.nauk RSFSR, 1959. 345 p.

Formation of the [illegible] significance for teaching [illegible] F.Ibonin. Dokl.APN [illegible]

How the industrial work of students from the fifth through the seventh grades develops their capabilities for [illegible] L.N.Pobeliak. Rad.shk. 38 no.2:[illegible] F '60.

Psychological grounds for the development of [illegible] during manual training. D.N.Fil'bin. [illegible] no.1:35-38 Ja '60.

EDUCATIONAL RESEARCH

(see also subdivision under Ukraine)

Prospects in the development of pedagogical [illegible] and the coordination between [illegible] educational departments [illegible] Sov.pedag. 24 no.2:[illegible]

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL

(see also subdivision under Moscow, Ukraine)

A breath of the seven-year plan. I.Peshkin. Novyi mir 36 no.3:252-254 Mr '60.

[Builders of present day communism; [illegible]] [illegible] [Moskva] Izd-vo VTsSPS Profizdat, 1960. 301 p.

Genuine inspection teams and shame inspection teams. Sov.prof. no.1:19-20 Ja '60.

Glorious work of our generation [illegible] Ukraina no.1:1 Ja '60.

A good name is widely known. M.Karpova. Agitator no.2:57-58 Ja '60.

Labor productivity and the problem of gaining time in peaceful economic competition with capitalism. N.Filimonov. Komm.Ukr. 35 no.2:[illegible] F '60.

Lomovskaia, M.T., and A.F.Trofimova. [Scouts of the future; the movement of the brigades and shock workers of communist labor] Razvedchiki budushchego; dvizhenie brigad i udarnikov kommunisticheskogo truda. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 111 p.

A movement that advances us toward our goal. Kommunist 37 no.9:3-6 Je '60.

New methods of competition. P.Zhabitsko, P.Goncharov. Komm.Ukr. 35 no.2:90-91 F '60.

Our land and its people. Mykola Upenyk. Ukraina no.[illegible]

Pioneers of the future. Part.zhizn' no.11:3-7 Je '60.

Ponyakin, G.I. [Workers' technical creativity] Tekhnicheskoe tvorchestvo rabochikh. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 77 p.

Roll call of V. Gaganova's followers in the Ukraine and in Rumania. D.Rudol'skii. [illegible] prom. no.1[illegible] '59.

Social and economic results of technological progress. S.Petrov. Komm.Mold. 5 no.1:46-51 [illegible] '60.

Technological progress is a decisive condition for the carrying out of the seven-year plan. N.I.Podymov. Blok.agit.[illegible] no.23:35-40 Ap '60.

Toward the dreamland of communism, a review of interesting events in the U.S.S.R. V.[illegible] Agitator no.[illegible] '60.

V.I.Lenin on the creative work of the masses and the building of communism. E.Kaptich. Komm.Bel. [illegible] '60.

V.I.Lenin on the victory of the communist form of labor. [illegible] Komm.Bel. 14 no.1:[illegible] Ja '60.

Vlasov, B.V. [Ways to reduce labor expenditure on auxiliary work in industry] Puti sokrashcheniia zatrat truda na vspomogatel'nykh rabotakh v promyshlennosti. Moskva, Gosplanizdat, 1960. 224 p.

We already see the first traces of communism. [illegible] Ukr.ist.zhur. [illegible] no.1:[illegible] '60.

EFIMENKO, PETR PETROVICH, 1884-

Petr Petrovich Efimenko on his 75th birthday. Krat.soob.Inst.arkheol.AN SSSR [illegible] '59.

[illegible]—NEWSPAPER [illegible]

Illustrated newspaper of the [illegible] Palace of Culture. L.[illegible] Agitator no.2:52-53 Ja '60.

EFORIE, RUMANIA—LABOR REST HOMES

[illegible] Arkhit.[illegible]

EFREM II, Patriarch Catholicos of all Georgia, 1896-

His Holiness Efrem II, Patriarch Catholicos of all Georgia. L.[illegible] Zhur.Mosk.Patr. no.4:65-67 Ap '60.

EGGPLANT

[illegible] content of [illegible]

EGYPT—BANKS AND BANKING

[illegible] A.Kovalev. [illegible] Mr '60.

EGYPT—DESCRIPTION AND TRAVEL

[illegible]

EGYPT—PYRAMIDS

[illegible] "lost" pyramid ("the lost pyramid") [illegible] Mr '60.

EGYPT—TECHNICAL ASSISTANCE, RUSSIAN

Pioneers by the Nile. [illegible] Ukraina [illegible]

EGYPTIAN ART see Art, Egyptian

EGYPTIAN LANGUAGE—STUDY AND TEACHING

The Egyptian language, an introduction to hieroglyphics, texts and essays on the grammar of the Egyptian language of the Middle Kingdom [illegible] N.S.Petrovskii. Reviewed by O.D.Berlev. Vest.drev.ist. no.4:161-167 '59.

EIGENFUNCTIONS

Characteristic correlation functions and their use in the theory of stationary Markov processes. O.V.Sarmanov. Dokl.AN SSSR 132 no.4:769-772 Je '60.

EINSTEIN, ALBERT, 1879-1955

Albert Einstein, on the fifth anniversary of his death. [illegible] My '60.

Create and act. Vladimir L'vov. Nauka i rel. no.2:[illegible] F '60.

EKATERINOVKA DISTRICT—COLLECTIVE FARMS—ACCOUNTING

Accounting journal for mechanized work. D.F.Rozl', V.F.Gusev. Bukhgalt.uchet v kolkhozakh i sovkhozakh 17 no.1:37-40 Ja '60.

ELASTIC PLATES AND SHELLS

Approximate calculation of a thick-walled spherical shell. A.L.Rabinovich. Trudy MFTI no.3:132-170 '59.

Approximate designing of rectangular elastically supported plates subjected to linear thermal changes. A.A.[illegible] [illegible] '59.

Approximate designing of slanting shells [in Georgian with summary in Russian]. V.N.Shaishmelashvili. Trudy Inst.stroi.dela AN Gruz.SSR. 7:39-45 '59.

Bending of a circular plate supported by an elastic semispace in the presence of cohesion. V.K.Golub, V.I.Mossakovskii. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:89-94 Mr-Ap '60.

Bending of a cylindrical shell. I.M.Pirogov. Izv.vys.ucheb.zav.; av.tekh. 3 no.1:68-71 '60.

Bending of flat shells with a rectangular contour and flexible ribs. M.S.Kornishin. Izv.vys.ucheb.zav.; av.tekh. 3 no.1:61-67 '60.

Bending of rectangular flexible plates. B.I.Zalavnikov. Trudy MIIT no.122:126-142 '59.

Darevskii, V.M., ed. [Strength of cylindrical shells; translations of foreign articles] Voprosy prochnosti tsilindricheskikh obolochek; sbornik perevodov inostrannykh statei. Moskva, Gos.izd-vo obor.promyshl., 1960. 329 p.

Designing free supported slanting shells. L.G.Mukhadze. Trudy Inst.stroi.dela AN Gruz.SSR. 7:253-264 '59.

Designing rectangular double-curvature slanting shells with hinged or rigidly fixed edges. B.N.[illegible], S.M.Shakhnovskii. Izv.vys.ucheb.zav.;stroi.i arkhit. no.6:30-43 '59.

Designing revolving shell systems for axial symmetric deformations due to heating. V.N.[illegible] Izv.vys.ucheb.zav.;stroi.i arkhit. no.6:20-47 '59.

Designing thin-walled cylindrical shells according to generalized formulas. G.S.[illegible] Trudy nauch.kons.Inst.stroi.dela AN Gruz.SSR no.1:83-91 '60.

Determining thermal stresses in a conical shell. V.A.[illegible] Izv.vys.ucheb.zav.; av.tekh. 3 no.1:72-80 '60.

Elastic plastic bending of a plate fastened along the contour. I.V.Shirko. Trudy MFTI no.3:180-193 '59.

General solution for a problem on the torsion of an oblique angled parallelepiped. A.I.Meshkov. Vest.Mosk.un.Ser.mat.,mekh.,astron.,fiz.,khim. 14 no.3:41-46 '59.

Generalized equation for the bent surface of a circular plate with constant thickness. G.M.[illegible] Izv.vys.ucheb.zav.; prib. 2 no.5:111-120 '59.

Limitless thick plate subjected to two-way periodic loads. V.I.Blokh. Izv.vys.ucheb.zav.;stroi.i arkhit. no.6:140-160 '59.

Plastic deformations of a cylindrical tube in an elastic medium. A.S.Grigor'ev. Sbor.nauch.rab.INKH no.15 pt.2:87-90 '59.

Plastic flow of elastic circular plates made of rigid plastic materials. Iu.R.Lepik. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:76-87 Mr-Ap '60.

Problem on the equilibrium of a rectangular parallelepiped with mixed boundary conditions. G.M.Valov. Vest.Mosk.un.Ser.mat.,mekh.,astron.,fiz.,khim. 14 no.3:35-41 '59.

A special problem in using Galerkin's method of variations in designing plates and shells. O.D.Oniashvili. Trudy Inst.stroi.dela AN Gruz.SSR. 7:37-38 '59.

Stability of cylindrical shells reinforced with inclined lateral stiffening ribs. A.G.[illegible], V.G.Popov. Izv.vys.ucheb.zav.; mashinostr. [illegible] '59.

Strength of three-layer plates subjected to bending. I.M.Kurshin. Izv.vys.ucheb.zav.;stroi.i arkhit. no.9:63-66 '59.

Using protective reinforced concrete shells in building hydraulic structures [in Georgian with summary in Russian]. I.D.[illegible], L.N.Pashalishvili. Trudy nauch.kons.Inst.stroi.dela AN Gruz.SSR no.1:41-54 '60.

ELASTIC PLATES AND SHELLS—TESTING

Testing precast reinforced concrete spherical shells. A.P.Sokhadze. Trudy Inst.stroi.dela AN Gruz.SSR. 7:263-274 '59.

ELASTIC PLATES AND SHELLS—VIBRATION

Approximate determining and consequent refining of vibration frequencies in plates. K.A.Kitat'ian. Izv.vys.ucheb.zav.;stroi.i arkhit. no.9:67-70 '59.

ELASTIC RODS AND WIRES

Constructing general equations for an applied theory of elastic vibrations of a rod. V.K.Kabulov. Dokl.AN Uz.SSR no.12:3-7 '59.

Determining reciprocal displacements in joints of plane rod systems using the method of triangles. D.E.[illegible] Izv.vys.ucheb.zav.;stroi.i arkhit. no.9:44-51 '59.

Effect of displacements on the degree of stresses in thin-walled beams subjected to bending. P.D.Mishchenko. Izv.vys.ucheb.zav.;stroi.i arkhit. no.9:52-62 '59.

Propagation of additional load pulses along a tight wire. B.M.Malyshev. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:120-124 Mr-Ap '60.

Role of various normal components in processes of free vibrations of elastic systems. G.N.Kartsivadze. Trudy Inst.stroi.dela AN Gruz.SSR. 7:61-70 '59.

Stability of thin walled columns under composite loads. V.B.Meshcheriakov. Trudy MIIT no.122:376-391 '59.

Torsion of a faceted hollow bar. A.S.Nikolich. Vest.mash. 40 no.2:10-14 F '60.

Use of the calculus of variations in solving problems of elastic and plastic torsion of rods. A.M.Gorlov. Trudy MIIT no.122:407-410 '59.

ELASTIC RODS AND WIRES — ELECTROMECHANICAL ANALOGIES

Analog computer for bent rods suggested by Corbett and Calvert. G. F. Pukhov. Trudy IEM no. [illegible] 130 '58.

Electric analyzers for certain flat rod systems. K. K. Keropian. Trudy IEM no. [illegible] '58.

Electric analyzers for finite difference equations of bent rods. P. M. Chegolin. Trudy IEM no. [illegible] '58.

Formula of binary moments in initial parameters. S. M. Rubtsov. Trudy IEM no. [illegible] '58.

Using electrical analogies in solving statical problems of constrained torsion in thin walled rods. K. K. Keropian. Trudy IEM no. [illegible] '58.

ELASTIC RODS AND WIRES — VIBRATION

Bernshtein, S. A., and K. K. Keropian. [Determining the frequency of vibrations of rod systems by the method of spectral functions] Opredelenie chastot kolebanii sterzhnevykh sistem metodom spektral'nykh funktsii. Moskva, [illegible] 1960. 281 p.

ELASTIC WAVES

[illegible]

ELASTICITY

Apparatus for determining the elasticity of coatings. A. N. Kluparev. [illegible] 26 no. [illegible] '60.

Determining the elastic constants of [illegible] conditions. V. P. Volos, V. V. [illegible] '60.

Effect of heat treatment on elastic properties and internal friction in nickel [illegible] '60.

Solving the first problem in the theory of elasticity for a circle. [illegible] Dokl. AN [illegible] no. 12 [illegible] '59.

ELDER — TOXICOLOGY

[illegible]

ELDORADO — POLITICS AND GOVERNMENT

Siblovay, [illegible] [illegible] Venezuela [illegible] Moskva, [illegible] 1960. 80 p.

ELECTRETS

[illegible]

ELECTRIC

Electrets and their use in automatic control. V. A. Andrianovich [illegible] Avtomatika [illegible] '60.

[illegible]

ELECTRIC ACCIDENTS. See Electricity, Injuries from

ELECTRIC APPARATUS AND APPLIANCES

Device for testing [illegible] protective [illegible] '60.

[illegible]

Mikhailov, A. A. [Electrical [illegible] for [illegible] physical [illegible] Moskva, [illegible] 1959. 247 p.

[illegible]

ELECTRIC BATTERIES

[illegible]

ELECTRIC CABLES

Bragin, S. M. [Electric and thermal calculation of cables] Elektricheskii i teplovoi raschet kabelia. Moskva, Gos. energ. izd-vo, 1960. 328 p.

Determination of the [illegible] '60.

Electric measurements in cable lines, the sheaths of which carry induced voltages. [illegible] Vest. sviazi 20 no. 2 15-16 F '60.

Methods of splicing [illegible] cable sheathing. A. M. [illegible] Vest. sviazi 20 no. 3 [illegible] '60.

[illegible]

Using the lead coating of the cable as [illegible] Energetik [illegible] '60.

ELECTRIC CABLES — TESTING

How to determine the amount of heating voltage for cables. V. E. [illegible] Energetik [illegible] '60.

ELECTRIC CAPACITANCE

[illegible]

ELECTRIC CAPACITORS

Automatic voltage regulation [illegible]

[illegible]

ELECTRIC CIRCUIT BREAKERS

[illegible]

ELECTRIC CIRCUIT BREAKERS — [illegible]

[illegible]

ELECTRIC CIRCUITS

[illegible]

ELECTRIC CLOCKS. See [illegible]

ELECTRIC COILS

[illegible]

ELECTRIC CONDUCTIVITY

[illegible]

ELECTRIC CONDUCTORS

[illegible]

ELECTRIC CONTACTS

[illegible]

ELECTRIC CONTACTORS

[illegible]

ELECTRIC CONTROLLERS

[illegible]

ELECTRIC CURRENT

Measuring the [illegible] '60.

[illegible]

ELECTRIC DRIVING (Continued)

Scientific and engineering problems on automatic electric driving in the present seven-year plan. M. G. Chilikin, I. I. Petrov. Avtom. i telem. [illegible] F '60.

Selecting the stability [illegible] transformer [illegible] of given stability degrees for a standard electric [illegible] a generator motor system. [illegible] no.[illegible]

Some characteristics of [illegible] Golodov. [illegible]

ELECTRIC ENGINEERING
(see also subdivision under [illegible])

Bessonov, L.A. [Theoretical principles of electrical engineering. Lectures and [illegible]] [illegible] osnovy elektrotekhniki. [illegible] Tipografiia [illegible]
(MiRM)

[illegible]

Certificates of invention. [illegible] Ja '60.

[illegible] 15 no.[illegible]

[illegible] Electrical [illegible]

Intercollegiate Conference [illegible] Mathematical [illegible] A. V. [illegible]

Kuznetsov, M.I. [illegible] Osnovy elektrotekhniki [illegible] S.V. Strakhov [illegible] vo Proftekhizdat, 1960 [illegible]

Moshchevitin, A.[illegible] Mosvodnikov, [illegible]

P.S. Zhdanov's [illegible] stability. V. A. Venikov [illegible] F '60.

Problems [illegible]

ELECTRIC ENGINEERING [illegible]

[Electrical engineering [illegible]] Referativnyi zhurnal [illegible] subject and [illegible]

ELECTRIC ENGINEERING—[illegible]
Bibliography, Electric [illegible]

ELECTRIC ENGINEERING—[illegible]
Some [illegible]
M. I. [illegible]

ELECTRIC ENGINEERING—[illegible]
Russian [illegible]

ELECTRIC ENGINEERING—[illegible]
Control [illegible]

ELECTRIC ENGINEERING—[illegible]
ETC.
Petrov, V.K., [illegible] problems [illegible] elektrotekhniki [illegible] uchebnoe posobie [illegible]

ELECTRIC ENGINEERING—[illegible]
Method of [illegible] electric [illegible] N. I. A[illegible]

ELECTRIC ENGINEERING—[illegible]
ETC.
Lax, A.I. [illegible] Spravochnik [illegible] 1 dop. Izd. [illegible] pedagog[illegible]

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS
[illegible]

ELECTRIC FIELDS—MEASUREMENT
Determining the [illegible] IA. M. [illegible]

ELECTRIC FIELDS—MODELS
Electric integrator for solving [illegible] boundary value problems [illegible] (Chern[illegible] 18 25 '5[illegible]

ELECTRIC FILTERS
Analysis of a [illegible] no.2 [illegible]

Calculation of [illegible] V. Shelia. Radio no.1:21- [illegible] '60.

[illegible] Polytechnic Institute [illegible]

[illegible] of the [illegible] characteristics of filters [illegible]

Interference [illegible] of pulse signal receivers with [illegible] I. M. Teplitskii. [illegible]

[illegible] of the traction [illegible]

[illegible] matching network. [illegible] no.2 [illegible]

[illegible] coupled [illegible] filters [illegible]

ELECTRIC FISHING
Use of alternating current electric fields in trawl fishing. [illegible] Rybn. khoz. [illegible]

ELECTRIC FURNACES
[illegible]

[illegible] Mechanization and [illegible]

[illegible]

(MICROFILM)

[illegible] for [illegible] with high [illegible] V. A. [illegible]

[illegible]

ELECTRIC [illegible]

[illegible]

[illegible] 10,5 11 2 and [illegible]

[illegible] features of direct [illegible] M. M. Razorlov, [illegible]

[illegible] generator [illegible]

ELECTRIC [illegible]

[illegible] two types of electric contact units. [illegible] Tekh. i mekh. [illegible]

[illegible] of electric resistance [illegible]

Method for removing electrically conductive inclu[illegible] from fillers used in tubular heating elements. P. [illegible] Shamgunov, V. I. Nikolin. Sbor. nauch. rab. INKH [illegible] no.15 pt.2:121 137 '59.

ELECTRIC HOUSEHOLD APPLIANCES see House[illegible] hold appliances, Electric

ELECTRIC INDUSTRIES see subdivision under Len[illegible] ingrad, Moscow

ELECTRIC INDUSTRIES—EXHIBITIONS
Lighting of the pavilion "Electrification of the U.S.S.[illegible] at the Exhibition of the Accomplishments of the [illegible] Economy. A. IA. [illegible] Svetotekhnika 6 no.2:[illegible] F '60.

ELECTRIC INSTRUMENTS
Calibration of [illegible] electric transmitters and [illegible] A. A. Chudinov. Trudy [illegible]

The [illegible] electric measuring instruments [illegible]

Device for complex single profile inspection of [illegible] V. I. Dvoskin. [illegible]

Overall size and connection dimensions for [illegible] electric measuring instruments. P. B. [illegible] Izmerit.tekhnika [illegible] no.2:[illegible] '60.

[illegible] defects of control and measuring instruments [illegible] Priborostroenie no.2:21 [illegible]

[illegible] measuring mechanical values. [illegible] Priborostroenie no.2 [illegible]

ELECTRIC INSULATORS AND INSULATION
(see also subdivision under Czechoslovakia, Kho[illegible] United States)

[illegible]

[illegible] up to 100 kv. [illegible]

[illegible] insulators made of glass. [illegible] Elektrichestvo no.2:[illegible] F '60.

Method for removing electrically conductive inclusio[illegible] from fillers used in tubular heating elements. P. [illegible] Shamgunov, V. I. Nikolin. Sbor. nauch. rab. INKH [illegible] no.15 pt.2:121 137 '59.

Methods of testing the dielectric strength and specific [illegible] of plastics. [illegible]

ELECTRIC INSULATORS AND INSULATION—ELECTRIC[illegible]
Device for [illegible] insulation of the stator winding of [illegible] electric motors. [illegible]

Method for determining the heat resistance of [illegible] insulating materials made of polyethylene [illegible]

Role of the third harmonic in the voltage test curve. [illegible] Mal'tsev. Izv. vys. ucheb. zav.; [illegible] 2 no.11:25 [illegible] '60.

ELECTRIC LAMPS
Lamps and lampshades. I. M. Semenova, T. I. Tatar[illegible] [illegible] no.2 [illegible] F '60.

The light of our cities. [illegible] Ogonek [illegible]

Mercury incandescent lamps with adjusted color. Svetotekhnika 6 no.1:28 30 Ja '60.

ELECTRIC LAMPS, FLUORESCENT see Fluorescen[illegible] lamps

ELECTRIC LAMPS, PORTABLE
[illegible] lamp. A. Prokhorov. Pozh.delo [illegible] Ja '60.

ELECTRIC LIGHT see Photometry

ELECTRIC LIGHTING
Calculation of illumination apparatus and choice of [illegible] luminaire with a given brightness distribution in the [illegible] of vision. M. M. Epaneshnikov. Svetotekhnika 6 [illegible] F '60.

Design of floodlight illumination. N. A. Saposhnikov. Svetotekhnika 6 no.2:1 4 F '60.

Development of Russian illuminating engineering an[illegible] problems in the periodical in 1959. Svetotekhn[illegible] 6 no.1:1 2 Ja '60.

Lighting the damming operations on the Volga River [illegible] the construction area of the Stalingrad Hydroelect[illegible] Power Station. [illegible] I. IA. Pel'tin. G[illegible] stroi. 30 no.1:[illegible] Ja '60.

Through the pages of foreign magazines. Svetotekhn[illegible] 6 no.1:[illegible] Ja '60.

Through the pages of foreign magazines. Svetotekhn[illegible] 6 no.2:[illegible] '60.

ELECTRIC LIGHTING, AIR
[illegible] electric power supply stabilizer for stat[illegible] [illegible] F. F. [illegible] Tekh. vozd. [illegible] 1 no.2:[illegible] F '60

ELECTRIC LINES

Kalerhov, V. N. [Long-distance communication lines] [illegible] Moskva, [illegible] 1959. [illegible] p.

Losses and efficiency in an electric transmission line tuned on a half wave. [illegible] Zhdan. [illegible]

Measurement of [illegible] transmission line [illegible] [illegible]

Metlin, A. I. [Variable capacitors] [illegible] Moskva, [illegible]

Protection against [illegible] [illegible]

[illegible]

ELECTRIC LINES - OVERHEAD

(see also [illegible] Germany, [illegible] Switzerland)

New device for the disconnection of live wires from suspension insulators. [illegible]

ELECTRIC LINES - POLES

Design of reinforced concrete [illegible]

[illegible]

ELECTRIC LOCOMOTIVES

(see also [illegible])

[illegible]

ELECTRIC LOCOMOTIVES - MAINTENANCE AND REPAIR (see also [illegible])

ELECTRIC LOCOMOTIVES - [illegible]

[illegible]

ELECTRIC MACHINERY

Air clearance of an electric [illegible] A. M. [illegible]

[illegible]

Experience in [illegible] V. N. [illegible]

Generalization of [illegible] M. I. [illegible]

ELECTRIC MACHINERY - MAINTENANCE AND REPAIR

[illegible] [Repair of electric machinery] [illegible] Moskva, [illegible] 1959. [illegible] p.

There are [illegible]

ELECTRIC MACHINERY - REGULATION

[illegible] speed regulation [illegible] electric [illegible]

ELECTRIC MACHINERY - VIBRATION

Approximate determination of [illegible] in electric [illegible]

[illegible]

ELECTRIC MACHINERY PATENTS [illegible]

ELECTRIC MACHINES

Early electrical machines [illegible]

ELECTRIC MEASUREMENTS

[illegible]

Electric measurements [illegible]

[illegible]

ELECTRIC METERS

[illegible]

ELECTRIC MOTORS

[illegible]

[illegible]

ELECTRIC NETWORKS (Continued)

Currents and voltages in a zero sequence power direction relay with single phase closings in a compensated network. V.V.Matveev, N.A.Poliakova. Izv.vys.ucheb. zav.; energ. 3 no.1:1-10 Ja '60.

Determining the effective number of [illegible] tions of industrial electric networks. [illegible] Izv. vys.ucheb.zav.; elektromekh. [illegible] '60.

How the capacitance of low voltage networks influences safety. G.V.Mindeli. Elektrichestvo no.[illegible] '60.

Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. [Theoretical principles in the efficient construction of urban electric power networks] Teoreticheskie osnovy ratsional'nogo postroeniia gorodskikh elektricheskikh setei. [Leningrad, 1959] 140 p. (Trudy, no.[illegible])

New modification of a closed electric net. [illegible] berg. Elek.sta. 31 no.[illegible] '60.

ELECTRIC NETWORKS - ELECTROMECHANICAL ANALOGIES

Model for electric calculations of [illegible] D.I.Azar'ev. Elek.sta. 31 no.[illegible]

Static calculating model of electric [illegible] shavskii. Elek.sta. 31 no.[illegible]

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POTENTIAL see Electromotive force

ELECTRIC POWER

(see also subdivision under Moscow)

Economical consumption of electric power is a problem of great importance. [illegible] no.[illegible] 14 Ja '60.

Economizing electric power [illegible] omy enterprises [illegible] '60.

Efficient utilization of electric power [illegible] economy. Letters from the Central [illegible] Communist Party of [illegible] no.[illegible] Ja '60.

Let's economize electric power. [illegible] 13 no.[illegible] '60.

The use of visual propaganda. [illegible] 18 [illegible] Ja '60.

We should economize electric power. [illegible] Kazakh. 30 no.[illegible] Ja '60.

ELECTRIC POWER DEVELOPMENT see Electrification

ELECTRIC POWER DISTRIBUTION

(see also subdivision under [illegible] Kazakhstan; [illegible] ritory; Kurgan; United States)

Comparing the economy of gas heating stations with the transmission of electric power. M.M.Ain[illegible] Krzhizhanovskii. Elek.sta. 31 [illegible] Ja '60.

Comparing the efficiency of [illegible] and natural gas heating stations [illegible] location of condensation [illegible] Itzh, [illegible] A. [illegible] '60.

Determining the optimum parameters of a complex electric power supply system for d.c. electric railroads. I.IA.Ryabkovskii. [illegible]

Investigating the static stability of electric lines of longitudinal complex power supply of electric railroads. F.IA.Ulerman. Trudy DIIT [illegible]

Lowering electric power losses in [illegible] Kurzanov. Elek.sta. 31 no.[illegible] Ja '60.

Method for calculating the system of electric power supply to single phase industrial [illegible] S.F.Rozin. [illegible]

Naiforf, M.B. [illegible] Zashchitnye [illegible] ustanovkakh [illegible] Moskva, [illegible] vo, 1959. 314 p.

Review of N.B.Alekin's book "Reliability of power supply to industrial plants." N.F.Shcherba[illegible] Elek.sta. 31 no.1:94-95 Ja '60.

Synchronous compensators for long [illegible] A.I.Dolginov. Elektrichestvo [illegible]

Unprecedented [illegible] 35 no.2:[illegible] '60.

Volchkov, K.K., D.IA.Grinshtein, and M.M.[illegible] [Line structures for [illegible] networks] Ekspluatatsiia setevykh [illegible] kabel'nykh setei. Pod red. A.[illegible] Moskva, Gos.energ.izd-vo, 1960. [illegible]

Wide-range voltage control [illegible] lines. S.IA.Mainer, [illegible] Vest. AN Kazakh. SSR 16 no.1:54-58 Ja '60.

ELECTRIC POWER DISTRIBUTION - ALTERNATING CURRENT

Some special features of long distance a.c. transmission. I.M.Markovich, S.A.Sovalov, A.A.Ko[illegible] Elektrichestvo no.2:35-40 F '60.

ELECTRIC POWER DISTRIBUTION - COMMUNICATION SYSTEMS

[illegible] high frequency communication station along an electric transmission line. V.G.Lapin, [illegible] Elek.sta. 31 no.2:70-[illegible] '60.

ELECTRIC POWER DISTRIBUTION - DIRECT CURRENT

Physical model for the d.c. transmission system from the Stalingrad Hydroelectric Power Station to the Donets Basin. V.V.Vo[illegible], Kh.F.Nuratov, L.V. Tr[illegible] Elektrichestvo no.2:20-25 F '60.

ELECTRIC POWER PLANTS

(see also subdivision under Bashkiria; Bondyuzh... Krasnoyarsk; Ukraine, West; Petropavlovsk; United States)

All-Union Conference of Builders of Electric Power Stations. [illegible] Ja '60.

Basic objectives of power engineering. I.T.Novikov. [illegible] Ja '60.

Budzko, D.N., [illegible] M. [illegible], and V.A.Zotov [illegible] electric power plants in [illegible] Moskva, [illegible] 1960. 241 p.

[illegible] electric power station with [illegible] A.IA. [illegible]

Comparing the efficiency of electric power transmission [illegible] in connection with the [illegible] electric power plants. R.IA. [illegible]

[illegible] 11 no.[illegible]

[illegible] of the electric [illegible] installation [illegible]

[illegible] in the seven-year plan [illegible] N.I.[illegible], V.G.[illegible]

[illegible] V.S., M.[illegible] and G.B.Ulerman [illegible] electric power plants] [illegible] Moskva, [illegible] 1959. 471 p.

[illegible] of electric power [illegible]

[illegible] power plants [illegible]

[illegible] of cooling [illegible] Elek.sta. 31 no.1:[illegible] Ja '60.

[illegible] Elek.sta.

[illegible] electric power [illegible]

[illegible] power plants with [illegible] A.N.[illegible]

[illegible] steam generators [illegible] M.I. [illegible]

ELECTRIC POWER PLANTS - COLD WEATHER OPERATION

[illegible] installations [illegible] A. [illegible] Prom.energ. [illegible]

ELECTRIC POWER PLANTS - COSTS

[illegible] aspects of thermal electric power plants fired with gas. [illegible] Elek.sta. 31 no.1:10-[illegible] Ja '60.

Possibilities for lowering construction costs of thermal power plants [illegible] N.I.Danilkov. Prom.energ. [illegible] 1:49-[illegible] '60.

ELECTRIC POWER PLANTS - EQUIPMENT AND SUPPLIES

Reconstruction of the circuit for automatic cut in of reserve high pressure feed pumps. [illegible] D.Berger. Elek.sta. 31 no.1:82-83 Ja '60.

ELECTRIC POWER PLANTS - PRODUCTION STANDARDS

Progressive production standards in electric power plants. I.P.Chist[illegible] Elek.sta. 31 no.1:91 Ja '60.

ELECTRIC POWER PRODUCTION

(see also subdivision under California)

A[illegible] resulting from the current [illegible] [illegible] for determining the [illegible] of consolidated power systems. I.A. [illegible] AN [illegible]

Establishing norms for the consumption of electricity in [illegible] A.IA.Ilenevskii. [illegible] 15 no.2:[illegible] 10 F '60.

ELECTRIC PROSPECTING

(see also subdivision under Siberia, Western)

Comparing the sensitivity of different electric profili... methods with respect to surface and subsurface inhe... geneities. G.P.Sedov. Trudy Sver.gor.inst. no.35:40-50 '60.

Electric sounding with a unipolar system of electrode arrangement. A.A.Redozubov. Trudy Sver.gor.in... no.35:61-71 '60.

Electromagnetic field of a horizontal electric dipole i... layered medium. I.S.Gel'fand. Trudy Sver.gor.in... no.35:[illegible] '60.

Electromagnetic field of the coil and cable over a two... layered medium with a base of low conductivity. I.S... Gel'fand. Trudy Sver.gor.inst. no.35:10 '60.

Interpretation of H and A type curves. B.V.Dorofeev. Trudy Sver.gor.inst. no.35:91 '60.

Interpretation of vertical electric sounding curves by the use of combination charts. A.K.Kozyrin. Trud... Sver.gor.inst. no.35:[illegible] '60.

Method for determining the permeability of oil reserv... rocks based on electric logging data. L.A.Bulatkov... P.I.Smirnov. Azerb.neft.khoz. 38 no.11:8-10 N...

Qualitative interpretation of vertical electric soundings curves. B.V.Dorofeev. Trudy Sver.gor.inst. no.... [illegible] '60.

Some problems in the theory of vertical electric sound... in connection with its application to prospecting for... bodies of finite size. G.P.Sedov. Trudy Sver. gor.inst. no.35:[illegible] '60.

Some results of electric prospecting from bore holes. A.K.Kozyrin. Trudy Sver.gor.inst. no.35:[illegible] '60

ELECTRIC RAILROADS

(see also subdivision under Chelyabinsk)

Accounting and establishing of norms for electric pow... consumption are an important prerequisite for the efficient utilization. A.M.Vol'f, M.I.Klebanov. Zhel.dor.transp. 42 no.1:[illegible] Ja '60.

Accuracy of calculating formulas used in the calculati... of the strength of leaf springs with respect to extern... load. V.I.Paladiin. Trudy DIIT no.30:111-[illegible]

Asymmetry of currents and voltages in an external pow... supply system for single phase electric railroads. V.P.Klimov. Trudy DIIT no.30:[illegible] '60.

Determining the optimum parameters of a complex electric power supply system for d.c. electric rail... roads. I.IA.Ryabkovskii. Trudy DIIT no.30:[illegible]

Effect of voltage losses in the contact net on train tra... velocity and on operating expenses. I.IA.Ryabkovski... N.N.Tsymbal. Trudy DIIT no.30:[illegible] '60.

Experimental investigation of the operating conditions... a mine railroad substation. A.V.Rys'ev. Izv.vys. ucheb.zav.; gor.zhur. no.[illegible] '60

In the Collegium of the Ministry of Railroad Transpor... tion, strengthen efforts for an efficient utilization of electric power. Zhel.dor.transp. 42 no.1:[illegible] '60

Investigating the static stability of electric lines of long-distance complex power supply of electric railro... F.IA.Ulerman. Trudy DIIT no.30:[illegible] '60.

Method for calculating the system of electric power supply to single phase industrial frequency railroad... S.F.Rozin. [illegible] no.[illegible] '60

Using the reserves and raising the effectiveness of a d.c. traction system. I.IA.Ryabkovskii. Trudy DI... no.30:[illegible] '60.

ELECTRIC RAILROADS - BRAKES

Electric characteristics of the line of a one-wire ele... pneumatic brake for freight trains. V.I.Kuznetsov... Izv.vys.ucheb.zav.; elektromekh. 3 no.12:141-... '60

ELECTRIC RAILROADS - CONSTRUCTION

Brief news. Transp.stroi. 9 no.12:[illegible] '60.

ELECTRIC RAILROADS - CURRENT SUPPLY

Markvardt, G.G. [Using modeling for the design and... of electric railroads, lecture on "Electric power su... for electric railroads" for students of the fifth and ... courses specializing in "Electrification of railroad ... portation"] Primenenie modelirovaniia dlia rascheta... issledovaniia elektricheskikh zheleznykh dorog, lekt... po distsipline "Energosnabzhenie elektricheskikh z... leznykh dorog dlia studentov V i VI kursov spetsial'... "Elektrifikatsiia zheleznodorozhnogo transporta." ... skva, Mosk.vechernii institut... Vses. zaochnyi in... inzhenerov zhel.dor. transporta, 1959. 37 p.

Using drainage and boosters for the control of leakag... currents. N.G.Sergeev. Trudy MIIT no.122:[illegible] '59

Using the basic circuit method for the design of rail... distribution systems and the evaluation of their effe... on underground structures. N.G.Sergeev. Trud. MIIT no.122:[illegible] '59.

ELECTRIC RAILROADS - EQUIPMENT AND SUPPLIE...

Measures for improving the operation of the DM fre... quency triplex. [illegible] Vainshtein. Prom.energ. 15 no.2:[illegible] '60

Using batteries for electric traction. V.I.Nekrasov. Sbor.LIIZhT no.167:31-44 '59.

ELECTRIC RAILROADS - RAILS

Effect of butt joints on the inductance of the rail circuit. A.B.Dombrovskii. Trudy DIIT no.29:62 [illegible] '59.

Effect of [illegible] connection of the running rails of [illegible] on the distribution of rail potentials. R.R.Mamoshin. Trudy DIIT [illegible]

Effect of [illegible] "rail-ground" contact [illegible] on the distribution of potentials and current in rail and ground. R.R.Mamoshin. Trudy DIIT no.[illegible]

Electrical properties of rail butt joints. D.B.[illegible] Trudy DIIT no.29:60 [illegible] '59.

ELECTRIC RAILROADS - ROLLING STOCK

(See also subdivision under Germany, East)

[illegible] of models of electric rolling stock. A.M.[illegible] Trudy DIIT no.[illegible] '59.

ELECTRIC RAILROADS - STATIONS

Ivanov, I.I. [Operation of electric railroad stations [illegible]] Moskva, [illegible] 1960. [illegible] p.

ELECTRIC RAILROADS - SUBSTATIONS

Mobile transformers and substations. I.M.[illegible] Zhel.dor.transp. 42 no.[illegible] '60.

ELECTRIC RAILROADS - TRACK

[illegible]

ELECTRIC RAILROADS - WIRES AND WIRING

Effect of the heating of the [illegible] [illegible]

Investigating the intensity of current [illegible] the contact [illegible] [illegible]

ELECTRIC RAILWAY MOTORS

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Transients in automatic [illegible] of electric rolling stock. [illegible] Trudy [illegible]

ELECTRIC RELAYS

Operating [illegible]

Plate voltage supply for [illegible] power amplifier tubes. [illegible]

Power-direction relay based on the Hall effect. [illegible] Bogomolov. V.E.[illegible] 1959. [illegible]

[illegible]

ELECTRIC RELAYS - HANDBOOKS

International Electrotechnical Commission. [Relay] [illegible] of electrical engineering [illegible] Moskva, [illegible]

Group 16. [Relay protection] [illegible] 1960. [illegible] p.

ELECTRIC RESISTANCE

[illegible] [Calculation and choice of resistances for electric motors] [illegible] Moskva, [illegible] 1959. 47 p. ([illegible] no.13)

Measurement of the resistivity of silicon by the four probe method. V.A.[illegible] I.A.[illegible] [illegible] '60.

ELECTRIC SUBSTATIONS

Analyzing [illegible] stations [illegible] [illegible] '60.

Automatic control of voltage on traction substations of electric railroads. N.A.Nechaev, I.IA.Ryabkovskii. Trudy DIIT no.29:[illegible] '59.

Determining the optimum distances between the traction substations of single-phase industrial frequency current. I.IA.Ryabkovskii. Trudy DIIT no.29:[illegible] '59.

[illegible]

ELECTRIC [illegible]

ELECTRIC [illegible]

[illegible]

ELECTRIC [illegible]

[illegible]

ELECTRIC [illegible]

[illegible]

ELECTRIC [illegible]

ELECTRIC TRANSFORMERS - MAINTENANCE AND REPAIR

[illegible]

ELECTRIC TRANSFORMERS - WINDINGS

[illegible]

ELECTRIC WELDING - [illegible]

[illegible]

ELECTRIC WELDING

Aleksandrov, V.K. [illegible] 1959. [illegible]

Automatic welding of [illegible] [illegible]

[illegible]

[illegible] [Electric [illegible] welding [illegible]] [illegible] 95 p.

[illegible] [Electric [illegible] welding for building up metal in the repair of automobile parts, [illegible]] Moskva, [illegible] 1959. 52 p.

[illegible]

ELECTRICITY—STUDY AND TEACHING

Analogies in the study of electrical phenomena [illegible] grade. [illegible]

Some aspects of studying the [illegible] the laws of currents within the [illegible] in grade 10. [illegible] MGPI [illegible]

ELECTRICITY, INJURIES FROM

Case of extensive electrical injury of the [illegible] nov. Ortop., travm. i protez. [illegible]

ELECTRICITY IN AGRICULTURE

[Brief manual on electricity in agriculture] [illegible] spravochnik po elektrifikatsii [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, [illegible] p.

Expanding [illegible] agriculture. [illegible]

Plant electric plows in the [illegible] Trudy Inst. [illegible]

Listov, P.N., and others. [illegible] power systems] [illegible] Pod red. P.N. [illegible] Moskva [illegible] Izd-vo Profizdat [illegible] 1960 [illegible] p.

ELECTRICITY IN MINING

(See also subdivision under [illegible])

Analysis of the [illegible] open pit mines. [illegible] zhur. [illegible]

Effect of [illegible] tion sections of mine [illegible] electrolocomotive [illegible]

Experimental investigation of [illegible] a mine [illegible] A. V. [illegible]

Frequency [illegible]

High frequency [illegible]

History of the development [illegible] mine [illegible] Shvartsman [illegible] 150 '59.

Sorokin, M. P. [illegible]

Samin, I. I., and A. [illegible] [illegible] Poradnik [illegible] 99 p. [illegible]

ELECTRICITY IN SHIPS

Berezin, B.M. [Materials [illegible]] Materialovedenie [illegible] grad, Gos. soiuznoe [illegible] 312 p.

ELECTRICITY IN SHIPS [illegible]

Kulikov, A. E. [illegible] marine power plants [illegible] ships of the Ministry [illegible] Tekhnicheskaia [illegible] vykhuntanovka [illegible] Ministerstvo [illegible] "Rechnoi transport" [illegible]

ELECTRIFICATION

(See also subdivision [illegible])

The future [illegible]

Kukharenko, I. I. [illegible] Lenin's great ideas [illegible] the country] Vyrlenie [illegible] Lenina pro minuli po elektrifikatsii [illegible] 1960. 60 p. [illegible]

Lighthouses [illegible]

Methods for improving [illegible] installations. [illegible] 1 6 F '60.

Nekrasova, I. M. [The [illegible] of the country and its realization [illegible] 1920 [illegible] 1930] Leninskii plan elektrifikatsii strany i ego [illegible] 1921-1931 gg. [illegible] SSSR, 1960. 142 p.

Problems [illegible]

Realization of Lenin's ideas [illegible] tion of our country in the [illegible] of communism. [illegible] the All-Union [illegible] November 20, 1959. [illegible]

Significant data [illegible] stroi. 30 [illegible]

[illegible] ELECTRIFICATION [illegible] U.S.S.R. during the period of [illegible] development of communism] [illegible] Moskva [illegible]

[illegible] of the [illegible] on the 40th anniversary of the plan of the Commission for the Electrification of [illegible]

ELECTRIFICATION—BIBLIOGRAPHY. See Bibliography—Electrification

ELECTROCARDIOGRAPHY

[illegible]

ELECTROCHEMICAL [illegible]

[illegible]

ELECTRODE [illegible]

[illegible]

ELECTRODES, ALUMINUM

[illegible]

ELECTRODES, CARBON

[illegible]

ELECTRODES, GLASS

Effect of Ca^{++} and Mg^{++} ions on the sodium function [illegible] glass electrodes. V.I. [illegible] Gidrokhim. mat. [illegible]

ELECTRODES, MERCURY

Polarographic determination of [illegible] quantities [illegible] with the use of [illegible] mercury electrode. [illegible] V. Prokhorova. [illegible]

ELECTRODES, PLATINUM

Effect of [illegible] on the platinum electrode potential in a sulfuric acid solution. D. V. Kokoulina, [illegible] A. N. Frumkin. Dokl. AN SSSR 132 no.4:880-[illegible] '60.

Potential of a platinum electrode in an [illegible] solution of sulfuric acid. [illegible] V. [illegible] Dokl. AN SSSR [illegible] '60.

Structure of an electric double layer on platinum. [illegible] Dokl. AN SSSR 132 no. [illegible] '60.

ELECTRODES, ZINC

Causes of the drop in zinc electrode capacitance in alkaline storage batteries. V. N. Flerov. Zhur. prikl. khim. [illegible] '60.

Overvoltage of hydrogen evolution on an amalgamated [illegible] electrode in concentrated sulfuric acid solutions [with summary in English]. [illegible] Vest. LGU 15 no.10:[illegible] '60.

ELECTROENCEPHALOGRAPHY

Comparative characteristics of the threshold of hearing [illegible] and electroencephalographic [illegible]

Electroencephalograms of healthy and sick children [with summary in English]. [illegible] '60.

Electronic apparatus for measuring alpha rhythm [illegible] of the electroencephalogram [illegible] V. A. [illegible]

Method for intermittent photostimulation at the rhythm [illegible] electroencephalo[illegible] graphy. N. P. [illegible] V. V. [illegible]

Phase changes in the EEG as an index of the formation of [illegible] [with summary in English]. [illegible]

Possibility of using the electroencephalographic method [illegible] for evaluating the clinical condition of patients. N. I. [illegible] '59.

[illegible] method of estimating the alpha rhythm [illegible] V. A. [illegible] '59.

[illegible] method for the experimental study of [illegible] A. N. [illegible]

Studying reflex thresholds of atmospheric pollution by electroencephalography. K. A. Bushtueva, E. F. Polezhaev, A. D. Semenenko. Gig. i san. 25 no.1:57-[illegible] Ja '60.

ELECTROLYSIS

Cases where the electrolysis of organic compounds [illegible] V. H. Khomiakov, A. P. [illegible] '59.

Conditions for modeling a vertical chlorine electrolyzer with a filtering diaphragm. [illegible] V. Mulin. Zhur. [illegible] '59.

Investigating [illegible] films obtained in the electrolysis [illegible] A. N. [illegible]

Use of internal electrolysis for separating certain [illegible] elements without [illegible] H. Z. [illegible]

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Irregular current distribution and voltage loss in electrolytic bath leads. [illegible] A. E. [illegible] met. 33 no.1:48-57 Ja '60.

ELECTROLYTES

Cells for testing metal - solution systems under the effect of electron rays with allowance for polarization phenomena. M. N. Fokin, T. V. Matveeva, N. D. Tomashov. Trudy Inst. fiz. khim. no.7:114-118 '59.

Electron microscope study of structures arising during interaction between polyelectrolyte macromolecules [illegible] [with summary in English]. N. F. Bakeev, V. [illegible] V. A. Kargin. Vysokom. soed. [illegible]

Theory of the chromatographic removal of electrolyte impurities from salt solutions. V. P. Meleshko, [illegible] Panova. Trudy VGU 49:71-77 '58.

ELECTROLYTIC CONDUCTIVITY

[illegible]

ELECTROMOTIVE FORCE

[illegible]

ELECTRONIC [illegible]

Electronic apparatus for [illegible] tions of the [illegible] V. A. [illegible] about [illegible]

Electronic device for [illegible] ing in [illegible]

New [illegible]

Noncontact [illegible] dation [illegible]

ELECTRONIC [illegible] techniques [illegible]

ELECTRONICS

(see also subdivisions [illegible])

Glaik[illegible], N. A. [What [illegible]] elektroniki [illegible]

Let's talk about [illegible]

ELECTRONICS [illegible]

Electronics

ELECTRONICS IN MEDICINE

[illegible]

[illegible]

ELECTRONIC [illegible]

ELECTRONS

[illegible]

ELEVATOR[illegible] and [illegible]

[illegible]

EMBRYOLOGY

[illegible]

EMBRYOLOGY, METHODS

[illegible]

EMBRYOLOGY, BIRDS

[illegible]

EMBRYOLOGY, HUMAN

[illegible]

EMPLOYEES, TRAINING OF (Continued)
Technological progress and some problems relating to the job training of young workers. S. [illegible] Mol. komm. no. 1, [illegible] Ja '60
Who were your foremen and propagandists? S. [illegible] Agitator no. [illegible] Ja '60

EMPLOYEES' REPRESENTATION IN MANAGEMENT
Provide better [illegible] to permanent production conferences. M. Gorelikov. [illegible] prom. [illegible] no. [illegible] Ja '60

EMULSIONS
Use of ultrasonic waves for the preparation of emulsions. A. G. [illegible] prom. [illegible] Ja '60

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING
Determination of the amount of [illegible] contained in enamels. L. P. A[illegible]ova, V. [illegible] Ja '60
Effect of iron oxide on the swelling of enamels. L. P. A[illegible]ova, [illegible] Trudy GPI [illegible]
Enamels for aluminum on a lead-phosphate [illegible] system base. M. A. [illegible] Ja '60
Oxidation of steel during the [illegible] ground enamel coating. [illegible] Ja '60
Phosphate enamels. L. P. A[illegible]ova [illegible] Trudy NPI [illegible]
Process of forming enamel coating [illegible] A[illegible]ova [illegible] Trudy GPI [illegible] '60
Surface tension of ground enamel [illegible] A[illegible]ova [illegible]

ENAMELED WARE
Instruments controlling the [illegible] of enameled ware. L. P. A[illegible]ova, V. [illegible] 37 [illegible] '60

ENCEPHALITIS
(see also subdivision under Kemerovo Province, Leninogorsk, Soviet [illegible])
Detection of encephalitis virus neutralizing antibodies in the blood of wild birds (with summary in English). [illegible] Vop. virus. 5 no. [illegible] Ja '60
Gelfan, L. I. Clinical aspects of the [illegible] form of virus encephalitis in children [illegible] Moscow [illegible] 1959. 119 p. [illegible]
(DNLM)
On the history of the [illegible] encephalitis. [illegible] Vop. [illegible] Ja '60
Study of virus infection by [illegible] Vop. virus. [illegible]

ENCYCLOPEDIAS AND DICTIONARIES
(see also subdivision under [illegible])
Mathematical errors detected in articles [illegible] geometry in the [illegible] Glagolev, [illegible] Solntseva. [illegible] no. [illegible] '60.
Some comments on the article "Algebraic geometry," A. I. Mandel[illegible] [illegible] '60.

ENDOCARDITIS
Disorders of the [illegible] endocarditis. [illegible] Popov. [illegible] Ja '60
[illegible] of the anterior wall of the left ventricle in endocarditis. I. P. Ar[illegible] [illegible]
Chronic sepsis and carditis. A. N. [illegible] no. [illegible] Ja '60

[illegible] glands in [illegible]
See [illegible]

ENGELS, FRIEDRICH [illegible]

[illegible]

EPILEPSY (Continued)

Incorporation of radiomethionine and radiolysine into the brain tissue in single and repeated epileptic seizures induced experimentally [with summary in English]. K. I. Pogodaev, N. I. [illegible] Ukr. biokhim. zhur. 31 no.6:840-850 '59

Observations on ultraviolet erythema in epilepsy. V. A. Belogin. Vop. kur. [illegible] 6-17 '60

EPIPHYTES

Species composition of the epiphytic microflora of living plants [with summary in English]. M. M. [illegible] skaia, IA. P. Khudiakov. Mikrobiologiia 29 no.1:[illegible] Ja-F '60

EPITHELIUM

Follicular epithelium of testicles and specific features of its function as related to the type of spawning (exemplified in perches) [with summary in English]. N. A. [illegible] skaia. Zool. zhur. 38 no.12:1834-1840 D '59

EPOXY RESINS

Epoxy coating. [illegible] '60

EQUATION OF STATE

Application of Hermite's interpolation [illegible] interpretation of physical [illegible] [in English]. [illegible] 104 Ja '60.

Deriving the equation of state of a polyatomic [illegible] based on the association theory. IA. [illegible] Trudy Inst. [illegible] AN URSR [illegible]

More about the approximate equation [illegible] [illegible] A. IA. [illegible] Zhur. [illegible]

EQUATIONS

Equivalence of equations [illegible] the elementary mathematics [illegible] institutes. I. S. [illegible] 70:125 [illegible] '60

Functional methods in the solution of [illegible] equation. [illegible] 78-81 F '60.

EQUATIONS, QUADRATIC — PROBLEMS, EXERCISES, ETC.

About D. IA. [illegible] article [illegible] equations by means of the slide rule. A. I. [illegible] Mat. v shkole no.1:67 [illegible] '60.

One type of [illegible] equations. [illegible] Mat. v shkole no.1:[illegible]

EQUATIONS, ROOTS OF

Application of A. I. Moldaver's condition for [illegible] the approximate value of the [illegible] algebraic equation of the highest degree. A. I. [illegible] no.15 pt.2:28-33 '59

ERBIUM

Erbium and its alloys. [illegible] O. P. Naumkin. [illegible]

ERDBERG, OSKAR, pseud. see [illegible] Petrovich

ERGOTOXIN

Use of [illegible] Mart'ianov [illegible]

ERIGERON

Study of essential oil [illegible] (wild) growing in [illegible] Zhur. prikl. khim. [illegible] 333-33[illegible]

ERISMAN, FEDOR FEDOROVICH, 1842-1915

F. F. Erisman [illegible] 10 no.4:[illegible]

ERMOLOV, IVAN ZAKHAROVICH

An old forester. [illegible] F '60

EROSION

(See also subdivision under [illegible] Siberian Platform)

Erosion processes on slopes [with summaries in English, German, and French]. [illegible] Vest. [illegible] nauki 5 no.1:77-84 '60.

ERSHOV, BORIS ALEKSANDROVICH, 1912-

Tajikistan in the [illegible] als on the history of [illegible] Belinskaia, V. A. [illegible] nauk AN Tadzh. [illegible]

ERYSIPELAS

Current status of the problem of erysipelas and other problems in the [illegible] [with summary in English]. F. A. Gal'perin. Zhur. mikrobiol., epid. i immun. 31 no.1:125-131 Ja '60

ERYTHROBLASTOSIS, FETAL

Significance of [illegible] lytic disease [illegible] B. M. [illegible] B. A. Mogilianskaia. [illegible] Ja-F '60.

ERYTHROCYTES

Changes in the diameter of the erythrocytes in pulmonary tuberculosis patients during treatment with antibacterial [illegible] Zdrav. Belor. 6 no.1:[illegible] '60

Immunological [illegible] to normal [illegible] [with summary in English] [illegible] Biul. eksp. biol. i med. 48 no.11:[illegible]

Studies on the immunology of embryogenesis. Report No. [illegible] Phagocytosis of chick embryo erythrocytes by leukocytes of adult chickens [with summary in English]. [illegible] Biul. eksp. biol. i med. [illegible] no.12:[illegible] D '59

ERZIA, STEPAN DMITRIEVICH, 1876-1959

In memory of [illegible] no.1:[illegible] '60

ESCHERICHIA COLI

Comparative study of the antigen structure of protein fractions of [illegible] of the intestinal group [with summary in English]. D. G. Kudlai, A. G. [illegible] Zhur. mikrobiol., epid. i immun. 31 no.1:[illegible] Ja '60

Effect of [illegible] phosphate on the growth and certain [illegible] [with summary in English]. V. I. [illegible] Biokhimiia [illegible]

Express method of identification of Escherichia coli isolated from [illegible] Kaskadok. [illegible] no.1:62-65 Ja '60

[illegible] Report No. [illegible] [with summary in English]. [illegible] Biul. eksp. biol. i med. [illegible]

Microbiological studies of enteropathogenic types of E. coli. [illegible] Zhur. mikrobiol., epid. i immun. [illegible] 42-47 Ja '60.

[illegible]

Problem of the [illegible] types of [illegible] Zdrav. Turk. [illegible]

[illegible] [with summary in English] [illegible] Zhur. mikrobiol., epid. i immun. 31 no.1:[illegible]

[illegible] Escherichia coli of pathogenic serological types [illegible] [with summary in English]. [illegible] Zhur. mikrobiol., epid. i immun. 31 no.1:47-50 Ja '60.

[illegible], FEDOR [illegible] KSANDROVICH, 1[illegible]-1925

[illegible]

[illegible]

V. Mark [illegible] V. [illegible]

E[illegible] see subdivision under Canada

ESOPHAGUS — [illegible]

[illegible] in the acute period, [illegible] Zdrav. Tadzh. [illegible]

ESOPHAGUS — CANCER

(See also subdivision under [illegible])

[illegible] Trudy [illegible]

ESOPHAGUS — SURGERY

Plastic surgery of the esophagus in cardiospasm with a [illegible] results. K. F. Dasabanova. Kaz. med. zhur. [illegible] 91-92 N-D '[illegible]

ESOPHAGUS — WOUNDS AND INJURIES

Rupture of the esophagus and lung by a jet of compressed gas. K. V. Aveml. [illegible] med. [illegible] no.4:[illegible] O-D '5[illegible]

ESPIONAGE, AMERICAN

[illegible]

[illegible] My '60

ESSENCES AND ESSENTIAL OILS

(See also subdivision under Moldavia)

[illegible] 167-175 '59

Changes in the qualitative composition of the essential oils of [illegible] E. I. Korneva. Agrobiologiia [illegible] Ja-F '60

Chemical study of the essential oil of Schizandra chinensis. F. T. Zavrigleo. Ukr. khim. zhur. 26 no.1:96-98 '60

[illegible] work in the field of terpenes and essential oils. A. V. Voronenko. Vop. ist. est. i tekh. no.8 [illegible] '59.

ESSENCES AND ESSENTIAL OILS — CONGRESSES

World Congress on Natural Essential Oils. N. Z. IAkobashvili. Masl.-zhir. prom. 26 no.2:47 F '60.

ESTERIFICATION

Heterochain polyesters. Part 20: Study of some laws governing polyesterification at the interface [with summary in English]. V. V. Korshak, S. V. Vinogradova, A. S. [illegible] Vysokom. soed. 2 no.1:61-66 Ja '60

ESTERS

New fibers based on copolyesters. M. N. Bogdanov, D. V. Petukhov, S. M. Kondrashova. Khim. volok. no.6:21-24 '59

Steric hindrances in organomagnesium reactions. Part 20. Synthesis of esters of secondary α-hydroxy acids of the aliphatic and alicyclic series. L. I. [illegible], N. A. Kucavanov. Zhur. ob. khim. 30 no.5:1636-1643 My '60.

Syntheses and some conversions of vinyl ethers and vinyl esters. D. I. Mikhant'ev. Trudy VGU 57:180-201 '58.

Synthesis of polyesters from dinitriles and glycols via polyiminoester hydrochlorides [with summary in English]. E. N. Zil'berman, N. M. Teplinkov. Vysokom. soed. 2 no.1:[illegible] Ja '60

ESTONIA — CANNIBALS

First case of finding a [illegible] in Estonia [with summary in English]. E. V. Kumari. Zool. zhur. 38 no.12:1886-1887 D '59

ESTONIA — CREDIT

Authorization for the opening of credit accounts from the republic budget. [illegible] Aitov. [illegible] 17 no.3:41-17 Mr '60.

ESTONIA — METEORITES

Meteorite craters in Estonia. A. Aaloe. Meteoritika no.18 [illegible] '60

ESTROGENS

Effect of ovarian hormones on the growth of the mammary epithelium [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no.12:104-[illegible] D '59

ESTRUS

Dynamics of conditioned food reflexes in birds at different phases of the reproductive cycle. [illegible] V. [illegible] Trudy Inst. fiziol. 8:11[illegible] '59.

Dynamics of conditioned trace reflexes in [illegible] in connection with relation to cyclic changes in the sexual sphere. N. A. [illegible], [illegible] A. [illegible] Trudy Inst. fiziol. 8:1[illegible] '59.

Dynamics of signals from the uterus at different stages of the [illegible] cycle in dogs. [illegible] Trudy Inst. fiziol. 8:[illegible] '59.

ETCHING

Color etching of nickel alloys in a [illegible] solution. N. M. Popova, N. V. Ivanova. Zav. lab. 26 no.2:186-187 '60.

ETHANE [illegible]

Effect of [illegible] on the motor function of the [illegible] [with summary in English]. [illegible] 42 no.[illegible] '59.

ETHANOL

Catalytic conversions of methyl- and ethylcellosolves over a copper aluminosilicate and nickel aluminosilicate catalyst [with summary in English]. B. N. Dolgov, V. I. [illegible] Vest. LGU 15 no.10:[illegible] '60.

Conversions of phosphoric esters of choline, ethanolamine, and serine in the brain. P. A. [illegible], T. K. Tkeshelashvili. Ukr. biokhim. zhur. 31 no.6:[illegible]-936 '59.

Effect of colamine and some of its derivatives on phosphatase activity [with summary in English]. O. V. [illegible], O. V. [illegible] Biokhimiia 24 no.6:1070-1074 N-D '59

Effect of nonreciprocity at long lighting durations for nuclear photographic emulsions sensitized with triethanolamine. A. L. Kartuzhanskii, L. I. Shur. Zhur. nauch. i prikl. fot. i kin. 5 no.1:50-60 Ja-F '60.

Liquid - vapor phase equilibrium in the system ethanol - water - calcium nitrate at atmospheric pressure. [illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.[illegible] '59

Quantitative determination of ethyl cellosolve and of water, ethanol, and ethylene glycol present in it. E. M. Perepletchikova, V. S. Etlis, A. A. Kalugin. Zav. lab. 26 no.2:151-150 '60

ETHER

Polymerization and copolymerization of vinyl n. butyl ether. D. I. Mikhant'ev, V. A. Skliarov, E. I. Fedorov. Trudy VGU 49:41-44 '58.

Solubility in the system beryllium chloride dietherate ethyl ether. N. IA. Turova, A. V. Novoselova, K. N. Semenenko. Zhur. neorg. khim. 5 no.1:117-123 Ja '60

Synthesis of α-methylvinyl ethyl ether. A. K. Seleznev, [illegible] Zhur. prikl. khim. 33 no.2:[illegible]-403 F '60

ETHERS

Conversions of vinyl ethers. Acetals. D. I. Mikhant'ev, V. A. Skliarov, E. I. Fedorov. Trudy VGU 49:45-47 '58

EXCAVATING MACHINERY - COLD WEATHER OPERATION
Use of rotary excavators for operation in winter conditions. IU.I. Beliakov. Trudy Gor.-geol.inst. UFAN SSSR no.41:199-200 '59.

EXCAVATING MACHINERY - ELECTRIC DRIVING
Performance of electric drives on SE-3 excavators with 5 cu.m. buckets. V.N. Persin. Trudy Gor.-geol.inst. UFAN SSSR no.41:189-198 '59.
Studying work techniques of single-bucket excavator operators. A.V. Padurleva. Trudy Gor.-geol.inst. UFAN SSSR no.41:221-229 '59.

EXCAVATING MACHINERY - EQUIPMENT AND SUPPLIES
Effect of the form of excavator buckets on the resistance of soil to filling. M.I. Rovinskii. Stroi. i dor. mashinostr. 5 no.1:16-18 Ja '60.
Equipment for reverse buckets of E-1251 and E-1252 excavators. V.I. Glukhov. Stroi. i dor. mashinostr. 5 no.1:14-16 Ja '60.
Testing experimental straight shovel dippers designed by the Central Communication Scientific Research Institute. D.I. Fedorov, M.V. Tkachukov, I.A. Nedorezov. Transp. stroi. 10 no.2:38-40 F '60.

EXCAVATING MACHINERY - MAINTENANCE AND REPAIR
Repairing excavators by replacing units. D.I. Lopan, R.A. Sekirina. Transp. stroi. 9 no.12:22-24 D '59.

EXCAVATIONS (ARCHAEOLOGY)
(see also subdivision under: Azerbaijan; Baydar Valley; Bereka Valley; Crimea; Crimea Province; Dnieper Valley; Gorokhovets, Vladimir Province; Kama Valley; Kirghizistan; Kolchis; Kolkhida District; Oskol Valley; Panticapaeum; Phanagoria; Rayevskaya; Ros' Valley; Taman Gulf region; Tanais; Tiligul, Berezanka District; Tyasmin Valley; Velikiye Luki Province; Voin')
Archaeological explorations in the R.S.F.S.R. in 1958. N.K. Lintsova. Krat.soob.IIMK no.77:3-16 '59.

EXCHANGES, LITERARY AND SCIENTIFIC
International scientific contacts. Nauka i zhizn' 27 no.4:54 Ap '60.

EXCISION OF HIP
Tenoplastic supracondyloid amputation of the hip in patients with obliterating endarteritis. G.A. Muradova. Azerb.med.zhur. no.9:10-14 S '59.

EXCITONS
Role of defects in the processes of exciton luminescence of molecular crystals. V.M. Agranovich. Opt.i spektr. [illegible] My '60.

EXECUTIONS (LAW)
Some procedural problems in the legal protection of [illegible] during the executional judicial decision. B.Ch. Valeev. Uch.zap.LGU no.271:101-111 '59.

EXERCISE
Physiology of work and sports. N.V. Zimkin. Fiziol.zhur. 46 no.9:1101-1107 S '60.
Secretory function of the small intestine in the digestion period during animal locomotion [with summary in English]. M.P. [illegible] Fiziol.zhur. [illegible] '60.

EXERCISE THERAPY
Burago, L.L. [Standard exercises in medical gymnastics for middle age and elderly persons] Tipovye uprazhneniia lechebnoi profilakticheskoi gimnastiki dlia lits srednego i pozhilogo vozrasta. Moskva, Gos.izd-vo med.lit-ry, 1959. 37 p.
Effectiveness of the use of exercise therapy in chronic gastritis. I.I. Merlis. Vop.kur., fizioter. i lech. fiz. kul't. 25 no.1:40-43 '60.
Organization and operating method of the exercise therapy section in a sanatorium for the treatment of patients with the aftereffects of poliomyelitis. A.F. [illegible] Vop.kur., fizioter. i lech. fiz. kul't. 25 no.1:62-65 '60.
"Physical culture in the system of health protection for children and adolescents." Edited by [illegible] Reviewed by A. Ionina. Vop.kur., fizioter. i lech. fiz. kul't. 25 no.1:92 '60.
Physical education in the complex treatment of patients with injuries of the semilunar cartilages of the knee joints. V.I. Kuropin. Zdrav. Belor. 6 no.1:36 Mr '60.

EXHAUST SYSTEMS
Movable exhaust hood. D.F. Sadovnichii, V.S. Nazarova. Khim.v shkole 15 no.1:71-72 Ja-F '60.
Polystyrene insert for a fire check valve. V. [illegible] Pozh.delo 6 no.1:11 Ja '60.
Ventilation deflectors. S.M. Korenevskii. Vod.i san.tekh. no.2:27-30 F '60.

EXHAUST SYSTEMS - COOLING
Cooling the bearings of an exhaust fan. V.I. Davydov. Energetik 8 no.1:12 Ja '60.

EXHIBITIONS
(see also subdivision under: [illegible] Czechoslovakia, [illegible] Moscow, [illegible])
[illegible]

[illegible]

EYE
[illegible]

EYE - ACCOMMODATION AND REFRACTION
[illegible]

[illegible]

ETHERS (Continued)

Studying the photoconductivity of ether solutions. [illegible] A. Kopylov. Izv. AN SSSR Ser. fiz. 24 no. 2:[illegible] '60.

Syntheses and some conversions of vinyl ethers and vinyl esters. B. I. Mikhant'ev. Trudy VGU 57:189-201 '59.

ETHNOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Ryazan

ETHNOLOGY see subdivision under Siberia; White Russia

ETHYL ACETATE

Intensification of the production of ethyl acetate. [illegible] Chistov, [illegible]. Gidroliz. i lesokhim. prom. 13 no. 1:20-21 '60.

ETHYL ALCOHOL

Analysis of the products involved in the manufacture of phenol and synthetic ethyl alcohol by means of gas-liquid chromatography. [illegible] no. [illegible] '60.

Mechanism of the electrolytic oxidation of alcohols and aldehydes on platinum. [illegible] G. A. Bogdanovskii, A. I. [illegible] 34 no. 1:57-64 Ja '60.

ETHYL ALCOHOL—THERMAL PROPERTIES

Thermodynamic properties of a 96 percent (by volume) solution of ethyl alcohol in water. M. P. Vukalovich, B. V. Dzampov, V. N. Zubarev. Teploenergetika 7 no. 2:70-[illegible] F '60.

ETHYLENE

Application of the ultrasonic method to the determination of the components concentration in [illegible] ethylene [illegible] propylene mixtures and ethylene [illegible] copolymers [with summary in English]. G. P. [illegible] O. [illegible] Ushakov. Vysokom. soed. [illegible]

Compatibility of high polymers. Viscosity of solutions of nitrocellulose, polyvinyl chloride, and their mixtures with polar rubbers [with summary in English]. V. [illegible] Alekserenko, I. U. Mishustin. Vysokom. soed. 1 [illegible] 1593-1598 N '59.

Lak'ianov, P. I. [Production of ethylene by the pyrolysis of crude oil] Poluchenie etilena pirolizom nefti. Moskva, [illegible] 86 p.

Reactions of free radicals in irradiated [illegible] ethylene. Part 4: Determination of the rate constants for the reactions [illegible] [with summary in English]. [illegible] V. V. Voevodskii. Vysokom. soed. 1 no. 11:[illegible] N '59.

Reduction of [illegible] ylene [illegible] no. 1:[illegible] Ja '60.

Studying the [illegible] ethylene [illegible]

Synthesis of phosphorus-organic [illegible] carbons and their derivatives. Part 13. [illegible] chlorophosphonation [illegible] phosphites, and [illegible] phonic acids. [illegible] ob. khim. 30 no. 5:[illegible]

Testing some ethylenimine derivatives as stabilizers for polyvinyl chloride. [illegible] Zhur. prikl. khim. [illegible]

ETHYLENE ALCOHOL see Glycols

ETHYLENE GLYCOL

Quantitative determination of [illegible] water, ethanol, and ethylene glycol [illegible] Perepletchikova, V. S. [illegible] A. A. [illegible] 20 no. 2:[illegible]

ETHYLENIMINE

Testing some ethylenimine derivatives as stabilizers for polyvinyl chloride. [illegible] Zhur. prikl. khim. [illegible]

EUCALYPTUS

Biology of the flowering [illegible] [with summary in English] [illegible] Glav. bot. sada no. 3[illegible]

EUCOMMIA

Aerobiological observations of [illegible] leaves. Report No. 2: Causative agent of the [illegible] leaves [with summary in English]. [illegible] M. D. Kupletskaia, V. M. [illegible] Mikrobiologiia 29 no. 1:129-132 Ja-F '60.

EULER, LEONARD, 1707-1783

Dissertation [illegible]

[illegible]

[illegible]

EUPHAUSIIDAE see subdivision under Bering Sea; Okhotsk, Sea of

EUROPE—INLAND WATER TRANSPORTATION

Activity of the Committee on Inland Transport of the Economic Commission for Europe on river shipping. P. Ie. Vez. Rech. transp. 19 no. 1:17-18 Ja '60.

EUROPE—PETROLEUM GEOLOGY

International Geological Congress. 20th, Mexico, 1956. [Materials on petroleum geology] Materialy po geologii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.
Vol. 3. [European countries and Turkey] Strany Evropy i Turtsiia. Pod red. I. O. Broda. 1959. 218 p.

EUROPE, EASTERN—AUTOMOBILE INDUSTRY

Ikonnikov, I. N. [Automobiles, manufacture and export in the European people's democracies] Avtomobili, proizvodstvo i eksport v evropeiskikh stranakh narodnoi demokratii. Moskva, Vneshtorgizdat, 1959. 57 p. [illegible]

EUROPE, EASTERN—BRONZE AGE

Origin of the [illegible] culture. [illegible] V. Kukharenko. Sov. arkheol. [illegible] no. 1:[illegible] '60.

EUROPE, EASTERN—ECONOMIC CONDITIONS

On the road of peace and prosperity. M. [illegible]. Agitator [illegible] '60.

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS—RUSSIA

What [illegible] the division of labor among socialist countries. [illegible] no. 10:[illegible]

EUROPE, EASTERN—GERMANS

[illegible]

EUROPE, EASTERN—INDUSTRIAL ORGANIZATION

[illegible]

EUROPE, EASTERN—LEGISLATIVE BODIES

[illegible] ed. [Supreme organs of state rule in the people's democracies; collected legislative enactments] Vysshie organy gosudarstvennoi vlasti stran narodnoi demokratii; [illegible] Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 1. [illegible]

EUROPE, EASTERN—PETROLEUM—PIPE LINES

[illegible]

EUROPE, EASTERN—RELATIONS (GENERAL) WITH THE UKRAINE

[illegible]

EUROPE, WESTERN—AGRICULTURAL POLICY

[illegible], A. Agrarian relations in Western Europe after the Second World War; Agrarnye otnosheniia v stranakh Zapadnoi Evropy posle vtoroi mirovoi voiny. Moskva, [illegible], 1959. 305 p.

EUROPE, WESTERN—ECONOMIC CONDITIONS

[illegible]

EUROPE, WESTERN—ECONOMIC POLICY

[illegible] 16 no. [illegible]

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—UNITED STATES

[illegible]

EUROPE, WESTERN—HISTORY

Akademiia nauk SSSR. Institut istorii. [A modern history of Western Europe and America, 1918-1939] Noveishaia istoriia stran Zapadnoi Evropy i Ameriki, 1918-1939. Moskva, [illegible]
Vol. 1. [illegible]

EUROPE, WESTERN—RUBBER, SYNTHETIC

[illegible] the synthetic rubber industry in Western Europe. A. [illegible] Kauch. i rez. 19 no. 1:62-64 Ja '60.

EUROPE, WESTERN—STEEL INDUSTRY—STATISTICS

Applying mathematical statistics methods to ferrous metallurgy; review of foreign literature. I. V. [illegible] '59.

EUROPEAN WAR, 1914-1918

(see also subdivision under Rumania)

Attempts of Austria-German diplomacy to draw Bulgaria in the war [illegible] month of August, 1914. [illegible] Nov. i noveish. ist. no. 1:110-121 '60.

EUROPIUM OXIDE

Use of spectrum analysis in determining rare earth admixtures in samarium and europium [with summary in English]. V. L. [illegible], G. V. Lazebnaia. Zhur. anal. khim. 15 no. 1:57-60 Ja-F '60.

EVAPORATING APPLIANCES

Effectiveness of using air for intensification of heat transfer in industrial vacuum evaporators. V. I. Tolubinskii, N. G. Iampol'skii. Trudy Inst. tepl. AN URSR no. 7:48-55 '52.

Heat emission in connection with the boiling of water in a vertical tube at low heat loads. V. I. Tolubinskii. Trudy Inst. tepl. AN URSR no. 10:[illegible]-11 '53.

Heat emission in the condensation of steam (pure and with the admixture of air) on the surface of a vertical pipe. V. I. Tolubinskii, N. G. Iampol'skii. Trudy Inst. tepl. AN URSR no. 10:21-31 '53.

Operation of a system with natural circulation in once-through and similar regimes. V. I. Tolubinskii. Trudy Inst. tepl. AN URSR no. 7:56-68 '52.

EVAPORATION

(see also subdivision under Ukraine)

Effect of drainage on evaporation and runoff in the White Russian Polesye. A. G. Bulavko. Gidr. i mel. 12 no. 1:11-16 Ja '60.

Evaporation of water in short-range sprinkler irrigation. P. S. Stepanenko. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 5:33-41 '59.

Theory of evaporation with an account of horizontal mixing. L. S. Gandin, R. Z. Soloveichik. Trudy GGO no. 94:137-147 '60.

EVENING AND CONTINUATION SCHOOLS

(see also subdivision under [illegible], Moscow, Omsk, [illegible], Ukraine, [illegible])

To solve the problem concerning the types of standard textbooks. [illegible] no. 6:[illegible] N-D '59.

Teachers and principals of the evening (shift) schools are speaking. V. I. [illegible] and others. [illegible] no. 6:67-71 N-D '59.

Toward the [illegible] year of working in a new way. [illegible] no. 6:[illegible] N-D '59.

Urgent problems of evening schools. N. V. [illegible] no. 6:[illegible] N-D '59.

What the textbook on literature and Russian language should be like. [illegible] no. 6:[illegible] N-D '59.

EVERGREENS—DISEASES AND PESTS see subdivision under Abkhazia

EVIDENCE (LAW)

Judicial procedure in the establishment of legal facts. [illegible] Rad. pravo no. 6:60-73 N-D '59.

EVIDENCE, CRIMINAL see subdivision under Ukraine

EVOLUTION

Darwinism and religion ("Anti-religious role of Darwinian theory and agricultural practice" by A. S. Palamarchuk. Reviewed by [illegible]). Nauka i zhizn' [illegible] '60.

Darwinism lives and grows. [illegible], V. V. [illegible] 12 no. 2:[illegible] F '60.

Embryonic resemblance and the theory of recapitulation in the light of Darwin's teaching. B. S. Matveev. Usp. sovr. biol. 48 no. 3:370-391 N-D '59.

Evolution theory of Darwin in the problem of the development of the [illegible]. N. S. [illegible] 16 no. [illegible] '60.

History of Darwinism in Japan. Tomoyuki Ishii. Nauch. dokl. vys. shkoly; filos. nauki no. 4:105-112 '59.

[illegible] of Darwinism by the [illegible]. [illegible] Vop. ist. est. i tekh. no. 7:[illegible] '59.

Vitality and fertility of Darwinian ideas. P. N. Pavlovskii. Vop. filos. 14 no. 5:70-[illegible] '60.

EXAMINATIONS BEFORE TRIAL see Preliminary examinations (Criminal procedure)

EXCAVATING MACHINERY

Calculation methods in zonal over-all mechanization of the construction of excavated canals by using bulldozers and excavators. P. I. [illegible]. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 5:49-86 '59.

Development of Soviet walking excavators. M. Z. [illegible] no. 5:[illegible] '60.

The [illegible] excavator. [illegible] Biul. tekh.-ekon. inform. no. [illegible] '60.

Methods for mechanizing the digging of holes for contact system supports. I. P. [illegible], A. N. [illegible]. Transp. stroi. 10 no. 2:12-16 F '60.

Molding steel blocks using exterior coolers. [illegible] Stroi. i dor. mashinostr. 5 no. 1:[illegible] Ja '60.

Refining production [illegible] of one-bucket excavators. A. E. [illegible] no. 12:[illegible] D '59.

Turning ball [illegible] of excavators with buckets with 0.15 m^3 capacity. [illegible], N. N. [illegible] Stroi. i dor. mashinostr. 5 no. 1:18-19 Ja '60.

EXCAVATING MACHINERY—ACCOUNTING see subdivision under Kiev

FACTORIES — ACCOUNTING
(see also subdivision under Rostov Province)

[illegible] organization of accounting at enterprises [illegible]

FACTORIES — DESIGN AND CONSTRUCTION
(see also subdivision under Ul'yanovsk)

Constructing industrial buildings on hillsides. [illegible] Prom. stroi. [illegible]

[illegible] to apply Article [illegible] of the [illegible] Code [illegible] [illegible]

New types of buildings for textile enterprises [illegible]

Organizing preparatory operations on building sites of industrial buildings. [illegible] Stroitel' [illegible]

Planning arrangement of standard sections of offices and personnel facilities of industrial enterprises. [illegible]

Standard designs of plants and shops for producing efficient building products. [illegible] Prom. stroi. [illegible]

Standardized reinforced concrete construction elements of multistoried industrial buildings with beamless ceilings. [illegible]

FACTORIES — FIRE AND FIRE PREVENTION
(see also subdivision under Novgorod Province)

Ways to solve fire prevention problems. [illegible]

FACTORIES — HEATING AND VENTILATION

Aeration calculation for hot shops. [illegible]

Electric signaling of windows [illegible]

Heating industrial rooms [illegible]

Hydraulic calculations for [illegible]

New ventilation method at cinder products plants. [illegible] A. A. [illegible]

Belter, P. I. [Aerodynamic characteristics of industrial buildings] Aerodinamicheskie [illegible] [illegible]

FACTORIES — LIGHTING

Required illumination for illuminating engineering products for industrial enterprises. [illegible]

FACTORY MANAGEMENT

[illegible]

[illegible]

[illegible]

FACTORY SANITATION

Sbornik [illegible] [Collected [illegible] regulations on safety and sanitation for [illegible] approved by the Presidium of the Central Committee of the Trade Union of Machinery [illegible] Workers [illegible] 1958, and [illegible] Moskva, [illegible] 1959. 54 p.

[illegible] approved by the Central Committee of the Trade Union [illegible] Workers on September 20, 1958] [illegible] Moskva, [illegible] 1960 16 p.

[illegible] ALEKSANDROVICH, 1901-1956

[illegible] Moscow, Leningrad [illegible] analysis of the senior grades of secondary schools [illegible] Pod red. N. I. Gromova. Moskva, [illegible]

[illegible]

[illegible] Aleksandr [illegible]

[illegible] by [illegible] Reviewed by [illegible]

FALLOWING

[illegible]

FAMINES

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FANS, ELECTRIC

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FANS, MECHANICAL

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FANS, MECHANICAL — [illegible]

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FANS, MECHANICAL — [illegible]

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FAR EAST — [illegible]

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FARM BUILDINGS

[illegible]

FARM [illegible]

[illegible]

FARM EQUIPMENT

[illegible]

FARM LIFE

[illegible]

FARM MANURE

[illegible]

FARM MECHANIZATION
(see also subdivision under [illegible] White Russia, [illegible])

[illegible]

[illegible]

The key to [illegible]

[illegible]

FAVUS
Favus. V.IA. Arutiunov. [illegible] 6 no.2 10-16 [illegible] '60.

FECES—BACTERIOLOGY
Duration of survival of dysentery bacilli in feces. [illegible] M. [illegible] Zhur. mikrobiol. epid. i immun. [illegible] D '59.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-
Ideological and artistic characteristics of K. A. Fedin's novel in two parts [illegible] Sov. [illegible] no. [illegible]

FEDOROV, BORIS FEDOROVICH, 1903-1959
Boris Fedorovich Fedorov; obituary. [illegible] no.1 31 Ja '60.

FEDOROV, EVGENII ALEKSANDROVICH, 19 -
Bonfire of the civil war ("Along the Blue Ural Mountains" by Evgenii Fedorov). Reviewed by [illegible] no.3.191-193 '60

FEDOROV, IVAN, d. 1583
The beginning of a long road (The mysteries of Russian book printing; on the [illegible] anniversary of the death of Ivan Fedorov, 1583-1958). [illegible] Novyi mir. [illegible] no.1.201-[illegible]

FEDOROV, VASILII DMITRIEVICH, 19
"Wild honey" and "Veins of gold" by V. [illegible] Reviewed by A. [illegible] no. [illegible]

FEED WATER
Instrument for measuring the concentration of silicic acid in steam and feed water. [illegible] Energetik [illegible] no.2 [illegible]

FEED WATER PURIFICATION
Basic problems [illegible] for steam power plants [illegible] [illegible] [illegible]
Connection for the return of [illegible] [illegible] ating at 6 atmospheres [illegible] 31 no.1 80-81 Ja '60
Reinforced concrete [illegible] [illegible] Vod. i [illegible]
Removal of iron from [illegible] [illegible] '60
Removing iron from [illegible] Konstantin, I.N. [illegible] 7 no.1 [illegible]

FEEDBACK
Parametric [illegible] [illegible]

FEEDBACK (ELECTRONICS)
Differentiating and integrating [illegible] back. A. I. Petrov [illegible] 2 no.5 [illegible] '60

FEEDING AND FEEDING STUFFS see [illegible] Provinces

FEEDS
(see also subdivision under [illegible])
AK-1, 2 automatic [illegible] V.A. [illegible] sel'khoz. [illegible]
Using sugar mill slime [illegible] animals. [illegible] Ja F '60

FELING see Touch

FELINGS see [illegible]

FELTSPAR see subdivision under [illegible]

FEMORAL ARTERY—INNERVATION
Development of the plexus [illegible] femoral artery [illegible] nerv. [illegible]

FEMORAL VEIN
Reflexogenic zones [illegible] Rokotova [illegible] Ja '60

FENCING
Trainer and [illegible] 18 no.1 31 Ja '60

FERGANA—ENERAL OF RYDE
[illegible] the [illegible] [illegible]

FERGANA—GEOLOGY, STRUCTURAL
Ryzhkov, O. A. [Tectonics and [illegible] sediments in the Fergana Valley] [illegible] Tashkent, Izd-vo Akad. [illegible] 100 p.

Tectonic divisions of the Fergana Valley based on geo[illegible] A. I. Rubin. [illegible] geol. zhur. no.5 70-80 [illegible]

FERGANA—TRACE ELEMENTS
Relationship between the minor element content of Fergana petroleum and the minor element content of enclosing rock and associated water. A. Kh. Nugmanov. Uzb. geol. zhur. [illegible]

FERMENTATION
Developing the technology of preparation of a beer stabi[illegible] Trudy VNIIPP [illegible]
Fermentation of calcium salts of acetic and butyric acids by Clostridium acetobutylicum [with summary in English]. B. M. Nakhmanovich, N. A. Shcheblykina. Mikrobiologiia 29 no.1 [illegible] Ja F '60.
Fermentation of pyruvic acid by cultures of butyric bacteria [with summary in English]. I. G. Azova. Mikrobiologiia 29 no.1 [illegible] Ja F '60.
Glazov, A. G. [Controlling alcohol fermentation in the [illegible] by means of the AG [illegible] apparatus] [illegible] AG [illegible] Moskva, [illegible] 1959. [illegible] p. (On cover: [illegible])
[illegible] fermentation of [illegible] [illegible] A. [illegible], I. V. [illegible] [illegible]

FERMENTATION, OXIDATIVE see [illegible]

FERRITES
Analytic investigation of processes in a ferrite cell. [illegible] Klep[illegible] [illegible] Izv. vys. ucheb. zav.; elek[illegible]
[illegible]
Electric [illegible] magnetic properties of nickel-zinc ferrites. A. [illegible], I. Kondrash[illegible] Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3 [illegible]
Problems of [illegible] devices which are based on [illegible] Izv. vys. [illegible] 2 no.5 [illegible] S O '59
Temperature [illegible] of the paramagnetic [illegible] ferrite [illegible] Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.1 [illegible] '59.

FERRITES
[illegible] on the [illegible] [illegible]
[illegible] with [illegible] A. [illegible] [illegible] '59

FERRITES see [illegible]

FERROCYANIDES
[illegible] uranyl and [illegible] [with summary in English]. V. [illegible] Zhur. anal. khim. 15 [illegible] '60
[illegible] from [illegible] V. V. [illegible], I. D. [illegible] [illegible] 11 no.1 [illegible]
[illegible] of mixed heavy [illegible] V. V. P[illegible], I. D. [illegible] [illegible] 1 [illegible] Ja [illegible]

FERROELECTRIC SUBSTANCES
On the theory of seignettoelectric and antiseignettoelectric [illegible] V. I. [illegible] Fiz. tver. tela 1 no.12 [illegible] '59

FERROELECTRICITY
New [illegible] on seignettoelectricity. I. A. Shuvalov. Vest. AN SSSR [illegible] 92-94 My '60.

FERROMAGNETISM
[illegible] R. A. Aleksanov. Zhur. eks. i teor. fiz. [illegible]
Compact apparatus for determining the Curie point of [illegible] I. V. [illegible] [illegible] '60
[illegible] of ferro-, ferrite [illegible] [illegible] A. I. [illegible] [illegible]
Thermodynamic theory of antiferromagnetic transformations. N. P. [illegible], N. S. Levitin. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3 129-133 '59.

FERROMANGANESE
Making ferromanganese in large blast furnaces [with summary in English]. I. G. Shumakov, G. I. Chasovitin. Stal' 20 no.2 104-107 F '60

FERROSILICON
Production of crystalline silicon in rotary bath furnaces [with summary in English]. [illegible] M. A. [illegible] no.1 [illegible] Ja '60.

FERTILIZATION (BIOLOGY)
Cytochemical study of the process of fertilization in Ascaris suum [with summary in English]. A. A. [illegible] Trudy [illegible] 4 [illegible] '59.
Cytological and cytochemical analysis of the oogenesis and fertilization of the broad tapeworm [with summary in English]. [illegible] Pavlova. Trudy [illegible] [illegible] '59.
Fate of spermatozoa in the swine uterus [with summary in English]. [illegible] Zhur. ob. biol. 21 no.1 [illegible] Ja F '60
Precipitation reaction between ovicell fertilizin and spermatozoid antifertilizin in White Sea polychaetes [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no.11 101-102 N '59
Studies on sexual processes in plants and animals by the use of radioactive isotopes. Kh. P. Kushner, [illegible] Usp. sovr. biol. 48 no.6(11) [illegible] N D '59.

FERTILIZATION OF PLANTS
Biological characteristics of the fertilization of subtropical persimmons. A. P. [illegible] Agrobiologiia no.1 [illegible] Ja F '60.
Material on the history of research on the process of fertilization in angiosperms [with summary in English]. V. A. [illegible] Trudy [illegible] [illegible]
Selectivity in the pollination of flour corn Zea mays ssp. amylacea Sturt. T. B. [illegible] Dokl. AN Uz. SSR no.12 42-46 '59.
[illegible] morphological characteristics of the development of generative organs and seeds in the "[illegible]" cherry variety (species Prunus cerasus L.). N. A. [illegible] Bot. zhur. 45 no.1 [illegible] Ja '60

FERTILIZER INDUSTRY see subdivision under Stalinogorsk

FERTILIZER SPREADERS
Attachment to the [illegible] spreader for applying lime [illegible] [illegible] Biul. tekh.-ekon. inform. no.1 [illegible] '60.
Kinematic elements in using centrifugal apparatus for spreading mineral fertilizers. M. S. Khomenko. Dop. UASHN [illegible] Ja F '60.
Mechanized application of liquid fertilizers. D. [illegible] [illegible] no.2 [illegible] '60
The [illegible] mineral fertilizer spreader. P. P. [illegible] Biul. tekh.-ekon. inform. no.1 [illegible] '60.
Using [illegible] drills for fertilizer application. D. [illegible] [illegible] no.2 [illegible] '60.

FERTILIZERS AND MANURES
Agricultural and chemical evaluation of precipitated magnesium borate as a boric fertilizer. M. V. Kata[illegible], V. M. [illegible] Khim. prom. no.7 [illegible] '59
Chernykh, A. R. [Phosphate fertilizer is a valuable fertilizer] Fosforitna muka [illegible] [illegible] Derzh. vyd-vo sil'hosp. lit-ry, 1960. [illegible] p. (DA)
Effect of manure and physiologically acid fertilizers on the solubility of the phosphoric acid of phosphates. V. K. [illegible] Nauk. pratsi [illegible] no.2 [illegible] '61
Efficient method of utilizing peat for fertilizer. I. P. [illegible], Z. D. [illegible] Zemledelie 8 no.2 38-43 F '60.
Engel'gardt, A. N. [Selected works] Izbrannye sochinenia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 765 p. (DA)
Fertilizing mother seeds of sugar beets and transplants in the [illegible] growing area. P. V. [illegible] [illegible] no.2 [illegible] F '60.
Fertilizing plants with CO_2 gas. D. P. [illegible] Trudy Bot. sada AN URSR 6.31-44 '59
Great possibilities for the development of agriculture. [illegible] Lysenko. Agrobiologiia no.1 5-9 Ja F '60
Immediate tasks in expanding and improving the use of fertilizers. I. I. Siniagin. Zemledelie 8 no.2.29-37 F '60.
Producing NPK chlorine-free "UASKhN nitrophoska" from Kalush potassium sulfate. P. A. Vlasiuk and others. Dop. UASHN 3 no.1 [illegible] Ja F '60.
Tyklonov, M. L. [Organic and mineral fertilizers are the foundation of good crops] Orhanichni i mineral'ni dobryva [illegible] vysokykh vrozhaiv. Kyiv, 1959. 27 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no.20)
Use of glasses and glass frits in fertilizing the soil with trace elements. K. P. Azarov, [illegible] A. [illegible], M. I. [illegible] Trudy NPI 47 [illegible] '59

FERTILIZERS AND MANURES—BIBLIOGRAPHY see Bibliography—Fertilizers and manures

FETAL ERYTHROBLASTOSIS see Erythroblastosis fetalis

FETUS

Method for the registration of fetal respiration in [illegible] [with summary in English]. I. A. [illegible]. Biul. eksp. biol. i med. 48 no.12:[illegible] D '59.

Some characteristics of higher nervous activity in adult animals after prenatal exposure to ionizing irradiation. Report No. 2: State of higher nervous activity in adult rats after X-irradiation during the [illegible] day of prenatal development [with summary in English]. I. A. [illegible], I. A. Kolomiitseva. Biul. eksp. biol. i med. 48 no.12:[illegible] D '59.

FETUS - DISEASES

"Prenatal human infections" by H. Flamm [in German]. Reviewed by [illegible], N. V. [illegible], V. N. [illegible]. Pediatriia [illegible] D '59.

Significance of toxoplasmosis in the pathology of the fetus. N. I. [illegible], M. G. [illegible]. Zdrav. Belor. 6 no.1:26-29 Ja '60.

FEUCHTWANGER, LION, 1884-1958

L. Feuchtwanger at his meeting with employees of the Central Aero-Hydrodynamic Institute. [illegible]. [illegible] 35 no.11:[illegible] N '59.

FEUCHTWANGER, LION, 1884-1958 - BIBLIOGRAPHY

see Bibliography - Feuchtwanger, Lion, 1884-1958

FEUDALISM

(see also subdivision under Japan)

A study of the origin of feudal immunity. [illegible]. [illegible] no.16:[illegible] '59.

A study of the transition from feudalism to capitalism. [illegible]

FEUERBACH, LUDWIG ANDREAS, 1804-1872

Ludwig Feuerbach's atheism. [illegible]

FEUILLETONS

Chaplygin, [illegible] A. [illegible]

FEVER

Nonspecific inhibitors of influenza viruses in sera of febrile patients [with summary in English]. [illegible]

Some variants of the febrile [illegible]. I. IA. [illegible]

[illegible]

Effects of [illegible]

FIBRIN

Methods in preparing [illegible] fibrin films. [illegible] Izv. AN Arm. SSR. Biol. [illegible]

FIBRINOGEN

[illegible]

FIBROMA

A general [illegible]

FIELD CROPS

High quality seed is an important factor [illegible] crop yields. N. A. [illegible]. Zemledelie [illegible] F '60.

High quality seeds guarantee [illegible] crop yields. [illegible]. Zemledelie 8 no.2:60-62 F '60.

FIELD CROPS - FERTILIZERS AND MANURES

Effectiveness of organomineral fertilizers. P. F. [illegible]. Agrobiologiia no.1:[illegible] Ja-F '60.

Improving growing conditions of plants by using effective types of potassium fertilizers. P. A. Vlasiuk, [illegible]

Using the by-products of lignite [illegible] for increasing the yields of farm crops. P. A. Vlasiuk. [illegible] AN [illegible]

FIELD EMISSION

Volt-ampere characteristics of autoelectronic currents from semiconductors. [illegible] V. [illegible], A. I. [illegible], I. I. Sokol'skaia. Fiz. tver. tela 1 no.12:[illegible] D '59.

FIELD MICE

(see also subdivision under Turkmenistan)

Changes in water rat populations due to the invading of macrohydrophilic vegetation [with summary in English]. V. A. Kraft. Zool. zhur. 39 no.1:[illegible] Ja '60.

Effect of darkness and low temperature on the propagation of the common vole. N. N. [illegible]. Trudy VIZR no.12:100-103 '58.

Effect of insufficient feed during early [illegible] the further growth of [illegible] [illegible]

Effect of [illegible]

[illegible]

Effect of the [illegible]

FIELD THEORY

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

FINANCE

[illegible] Japan, [illegible]

FINLAND

[illegible]

FIRE

[illegible]

[illegible]

FIRST AID IN ILLNESS AND INJURY
In the Collegium of the Ministry of Public Health of the R.S.F.S.R. concerning the work of first aid stations. Zdrav.Ros.Feder. 4 no.1:41-43 Ja '60.

FISH CULTURE
(see also subdivision under Packupa Valley)
Farming the water. Richard Montague. [illegible] 25 '60.
The Northern Caucasus Hydrobiological Expedition and problems in the fertilization of fish ponds. V. N. Zhadin. Trudy Zool.inst. 26:3-44 '59.
Systems of rearing young of the [illegible] carp and their epizoological evaluation. V. S. [illegible] Trudy [illegible] Ikht.kom. no.9:60-64 '59.

FISH CULTURE—TEXTBOOKS
Useful textbook ("Fish culture, a textbook for [illegible] vocational schools" by [illegible]) Ryb.khoz. [illegible]

FISH PONDS
(see also subdivision under Packupa Valley)
Eliminating the hemorrhagic septicemia of carp by summer drainage and sanitary treatment of ponds on fish farms of the [illegible] Fisheries Trust. [illegible] Trudy sov.Ikht.kom. no.9:41-46 '59.

FISH PONDS—BACTERIOLOGY see subdivision under Packupa Valley

FISHERIES
(see also subdivision under [illegible] Lake; Japan, Sea of; Murmansk Province; [illegible] Lake; Tayoya Peninsula; [illegible] Lake)
Studying problems in the fishing industry. [illegible] Vest. AN Kaz.SSR 16 no.1:[illegible] Ja '60.

FISHERIES—ACCOUNTING see subdivision under Kaliningrad Province

FISHERY PRODUCTS—PRESERVATION see subdivision under Gur'ev

FISHES see subdivision under [illegible] Beloye, Lake (Vologda Province); [illegible] Karibei; Kuban River; [illegible] Vallazero, Lake

FISHES—ANATOMY
Amount of [illegible] marine fishes [with summary in English] [illegible]
Materials on [illegible] I. A. Kul'[illegible] '58.

FISHES—DISEASES AND PESTS
(see also subdivision under [illegible])
[illegible] 49 no.[illegible]
Diseases of [illegible] fish [illegible] ponds of the State Mat. [illegible] A. M. Shpolyanskaya [illegible] 81-85 '59.
Hemorrhagic septicemia [illegible] the U.S.S.R. and [illegible] sov.Ikht.kom. no.9:[illegible]
New remedies for [illegible] fish diseases [illegible] Bauer, A. V. [illegible] 21-27 '59.
Recent data on infectious [illegible] P. M. [illegible] '59.
Results achieved [illegible] diseases [illegible] kom. no.9:13-[illegible]

FISHES—DISEASES AND PESTS—BIBLIOGRAPHY see Bibliography—Fishes—Diseases and pests

FISHES—DISEASES AND PESTS—[illegible]
Resolution. Trudy sov.Ikht.kom. [illegible]
Work of the Conference [illegible] Diseases [illegible] skii. Trudy sov.Ikht.kom. [illegible] '59.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
Feeding of the [illegible] during the spawning [illegible] Sea. L. A. K[illegible] 143-168 '59.
Feeding of the young of gray mullet in the coastal zone of the Black Sea near Karadag. [illegible] Trudy Karad.biol.sta. no.15:130-145 '59.
Morphological features [illegible] mode of feeding [illegible] SSSR no.13:[illegible] '59.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY
Digestive enzymes [illegible] their activity [illegible] chev. [illegible]

Nitrogenous extractives in fish muscles [with summary in English]. [illegible] P. I. Vol'fson. Biokhimiia 24 no.6:1007-1009 N-D '59.

FISH AS CARRIERS OF DISEASE
Materials on the study of parasites of fishes and man in the [illegible] region of the Volga flood plain. T. P. [illegible] Trudy sov.Ikht.kom. no.9:200-207 '59.
Results of research on the biology of tapeworms in the Baikal region and role of fishes in their propagation. A. M. Pronkina, V. A. Mironov, R. V. Poleshkin. Trudy sov.Ikht.kom. no.9:211-216 '59.

FISHING
[Amateur fisherman, almanac] Rybolov sportsmen; al'manakh. Moskva, Gos.izd-vo "Fizkul'tura i sport," Vol.11. 1959. 264 p.
[illegible], S. M. [Fishing with a dish] Lovlia ryby na [illegible] Izd.2., ispr. i dop. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1959. 61 p.
[illegible], V. P. [Angling] Lovlia ryby udochkoi. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 111 p.

FISSION (BIOLOGY)
[illegible] particles associated with [illegible] B. A. [illegible] Doklady [illegible] 4:[illegible] '59.

FISSIONABLE MATERIALS see Radioactive substances

FISTULA
[illegible] B. [illegible] Trudy Inst.klin.i [illegible]
[illegible] AN Kaz.[illegible]
[illegible] fistula. R. D. Aslobaev. Kaz. [illegible] 40 no.[illegible] '59.
[illegible] fistulas in infants. I. A. [illegible] '60.
[illegible] Pavlov [illegible]

FIVE (AFRICAN TRIBE) see Bakongo (African tribe)

FLAME
[illegible] Particles [illegible] [illegible]

FLAME PHOTOMETRY
[illegible] V. I. Mosichev [illegible]
[illegible] determining free [illegible] [illegible] no.266:95 '59.

FLAGELLATA—[illegible]
[illegible] of the [illegible] in the basin [illegible] A. N. [illegible] '59.

FLAX
[illegible] of cultivated flax and [illegible] [with summary in English]. [illegible] '59.
[illegible]
[illegible]
[illegible] growing. P. Kalnabolkov. [illegible]

FLAX PROCESSING MACHINERY
[illegible] in the roller card of the [illegible] I. A. Lozhkin. [illegible] no.23:24 '59.
[illegible] of retted flax fiber [illegible] '59.

FLAXSEED see subdivision under Buryatiya District

FLIES
[illegible] fly [with summary in English]. M. V. Mashkova. Trudy [illegible] '59.

FLIES AS CARRIERS OF DISEASE
[illegible] flies in the epidemiology of intestinal infections [with summary in English]. A. M. [illegible] Zhur. [illegible] 31 no.1:110-121 Ja '60.

FLIGHT CREWS
[illegible] in northern latitudes. N. F. [illegible] M. I. [illegible] 22-26 [illegible]

FLITTNER, NATALIIA DAVYDOVNA, 1879-1957
In memory of N. D. Flittner. Vest.drev.ist. no.4:158-159 '59.

FLOOD
Erosion of river channels and the resistance of bridge supports during maximum flood flow. E. V. Boldakov, I. A. Ten. Avt.dor. 23 no.2:21-23 F '60.

FLOOD, BIBLICAL see Deluge

FLOOD CONTROL
Practices in regulating the passage of spring floods under bridges. P. I. Minin. Put' i put.khoz. 4 no.3:11 Mr '60.

FLOODS
(see also subdivision under Almarcha River; Alma-Ata region)
On the transformation of a flood wave. I. N. Gartsman. Izv. Sib. otd. AN SSSR no.12:75-[illegible] '59.
Roughness coefficients of erosion-active mud flows. I. P. Bulimov. Trudy KazNIGMI no.12:73-80 '59.

FLOORS
New methods for laying floors. I. Voloshin. Stroi.i ark-hit. 6 no.1:30 Ja '60.
New plank floors. N. Sokolov. Stroitel' no.2:22 F '60.

FLORA see Fresh-water flora

FLOTATION
Collective and selective flotation of complex copper-zinc ores. G. V. Kozlov. Tsvet.met. 33 no.1:13-16 Ja '60.
Complex recovery of metals from iron ores. Trudy Inst. gor. dela Sib. otd. AN SSSR no.2:266-[illegible] '59.
Investigating the interaction of reagents and hematite by measuring the electrokinetic potential. V. I. Klassen, Mao Tsai-fang. Izv.vys.ucheb.zav.; gor.zhur. no.10: 151-158 '59.
Mineralogical analysis in investigating the flotation of cassiterite. P. G. Vorobushev. Trudy Inst.gor.dela Sib.otd. AN SSSR no.2:301-371 '59.
Selective flotation methods of collective concentrates. V. M. Arashkevich. Izv.vys.ucheb.zav.; gor.zhur. no.4:[illegible] '59.
Studying the floatability of minerals by measurement of contact angles and radioactive indicators. M. B. Bushkin, I. A. Kakovskii. Izv.vys.ucheb.zav.; gor.zhur. no.11: 130-140 '59.

FLOTATION—EQUIPMENT AND SUPPLIES
Certain physicochemical properties of new flotation frothers. T. P. Avilova. Izv.vys.ucheb.zav.; gor.zhur. no.11:[illegible] '59.
Replacing sand pumps by pulp lifting devices. I. I. Matveev. Tsvet.met. 33 no.1:78-81 Ja '60.

FLOUR
Method of heating flour in winter. S. E. Kofman. Khleb. i kond. prom. 4 no.1:18-19 Ja '60.

FLOUR—STORAGE
(see also subdivision under Great Britain)
Changes in the biochemical and technological properties of stored rye flour after milling. I. IA. Aurerman, A. G. Benchoiuna. Izv.vys.ucheb.zav.; pishch.tekh. no.6: [illegible] '59.

FLOUR—TRANSPORTATION
Problem of bulk transportation. M. G. Nekrasov. Khleb. i kond.prom. 3 no.12:10 D '59.

FLOUR MILLS
Achieving cooperation between bakeries and flour mills located in adjacent areas. K. E. Filatov. Khleb. i kond. prom. 4 no.1:23-26 Ja '60.
The VMP type small flour milling machine. P. G. Shishov. Biul.tekh.-ekon.inform. no.1:54-55 '60.

FLOWERS—MORPHOLOGY
Some data on the morphology of the flower in the mint family (Labiatae). N. N. Kartashova. Bot.zhur. 45 no.1:109-111 Ja '60.

FLOWERS—OPTICAL PROPERTIES
Relation between the optical properties of certain flowers and leaves. V. S. Sokolova. Trudy Sekt.astrobot.AN Kazakh.SSR 7:117-138 '59.

FLOWMETERS
Method for calibrating throttle (contracting) devices based on the application of the theory of similarity. D. G. [illegible] Izmer.tekh. no.3:[illegible] '60.
New diagram of flowmeter for adjustable-blade turbines. I. A. Vitushkin. Elek.sta. 31 no.2:37-39 F '60.
The VII-57 current meter. P. N. Burtsev. Trudy GGI no.77:108-115 '60.

FLOWMETERS—TESTING
Use of Urvanov's rating flume. B. M. Bater. Trudy GGI no.77:122-128 '60.

FLUE DUST see Fly ashes

FLUES
Constructing and protecting industrial draft flues. N. A. Moshchanskii. Prom.stroi. 38 no.2:38-43 '60.

FLUIDS (Continued)

Performance of reinforced concrete draft flues subjected to corrosive action of gases. D.D. Pamfilov, V.P. Platonov. Prom.stroi. 38 no.2:34 F '60.

[illegible] thatched roofs. [illegible] 10 no.[illegible] '60.

FLUID DYNAMICS

Approximate solution of some problems of unsteady fluid flow under flexible conditions. V. [illegible]. Izv. AN SSSR Otd.tekh.nauk Mekh.i mashinostr. no.2:[illegible] Mr-Ap '60.

Axial flow of gas in cylindrical packing beds. A.I. Kim. [illegible] Bel.politekh.inst. no.[illegible] 97-113 '60.

Equation of a viscous-plastic fluid flow in a boundary layer on an arbitrary surface. I.M. Astrakhan. Izv. AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:[illegible] Mr-Ap '60.

Fundamental equations for the flow of homogeneous fluids through fissured rocks. G.I. Barenblatt, Iu.P. Zheltov. Dokl.AN SSSR 132 no.3:545-548 My '60.

[illegible] rotating [illegible] filled with liquid. [illegible]

Shape of the liquid film formed by a centrifugal sprayer. V.A. Borodin, Iu.F. Dityakin. Izv. AN SSSR Otd.tekh.nauk.Mekh.i mashinostr. no.2:[illegible] Mr-Ap '60.

FLUOROCHROMATES

Fluorochromates of some divalent metals. I.V. Tananaev, K.A. Avduevskaia. Zhur.neorg.khim. 5 no.1:[illegible] Ja '60.

FLUORESCENCE

Effect of certain fluorescence quenchers on [illegible] of phototropic transformations of [illegible] and 9-methyl-10-[illegible]. I.M. [illegible], A.S. Cherkasov. Izv. AN SSSR Ser.fiz. 24 no.[illegible] My '60.

Effect of solvents on the fluorescence spectra of acetyl anthracenes. A.S. Cherkasov. Izv.AN SSSR Ser.fiz. 24 no.5:[illegible] My '60.

Effect of structure on the luminescent characteristics of complex organic molecules. V.V. Zelinskii, [illegible]. Izv.AN SSSR Ser.fiz. 24 no.5:[illegible] My '60.

Effect of temperature on the electron spectra of complex molecules in solutions. L.G. Pikulik. Izv. AN SSSR Ser.fiz. 24 no.5:[illegible] My '60.

Temperature dependence of the fluorescence yield of complex molecules. [illegible], V. [illegible]. Izv.AN SSSR Ser.fiz. 24 no.5:[illegible] My '60.

FLUORESCENCE MICROSCOPY

[illegible]

FLUORESCENT LAMPS

[illegible] fluorescent lamps. [illegible] 6 no.1:32 Ja '60.

[illegible] light measurements of fluorescent lamps. [illegible] '60.

Fluorescent lamps with a power rating of [illegible] watts. Svetotekhnika 6 no.1:32 Ja '60.

[illegible] using a storage battery and a transistor converter. [illegible] no.2:[illegible] '60.

New aspects in the development of light [illegible]. Svetotekhnika 6 no.2:[illegible] '60.

Questions on the operation of fluorescent lamps with active ballast. [illegible] Svetotekhnika 6 no.2:18-19 F '60.

Through the pages of foreign magazines. Svetotekhnika 6 no.1:30 Ja '60.

FLUORESCENT LAMPS - STANDARDS

Meeting of the lighting engineering section of the Moscow Scientific and Technical Society of the Power Industry on the standardization of fluorescent lamps. Svetotekhnika 6 no.1:18 Ja '60.

FLUORESCENT LIGHTING

Investigation of visual acuity and the fatigue [illegible] fluorescent lighting [with [illegible]]. [illegible] '60.

FLUORESCENT LIGHTING - STANDARDS

All-Union State Standard "Fluorescent mercury lamps" (replaces State Standard 6825-53). E.V. Merzlo[illegible]. Svetotekhnika 6 no.1:[illegible] Ja '60.

Clarifying notes on the state standards project "Fluorescent mercury lamps" (replaces State Standard 6825-53). E.V. Merzlo[illegible]. Svetotekhnika 6 no.1:13-15 Ja '60.

FLUORINE

Fluorine in river waters. [illegible] Gidrokhim.mat. [illegible] '60.

FLY ASH

Efficient utilization of fly ash [illegible] power plants. V. [illegible] '60.

Utilization of fly ash [illegible] filters [illegible]

FOAM

[illegible]

FOAM GLASS see Glass, Cellular

FOILS [illegible]

FOG

[illegible]

[illegible]

[illegible]

FOLK [illegible]

[illegible]

FOLK ACID [illegible]

[illegible]

FOLK LITERATURE

[illegible]

FOLK LITERATURE [illegible]

[illegible]

FOLK MUSIC [illegible]

[illegible]

FOLK POETRY [illegible]

[illegible]

FOLK SONGS, WHITE RUSSIAN

[illegible]

FOLK TALES [illegible]

[illegible]

FOLK TALES, [illegible]

[illegible]

FOLK TALES, [illegible]

[illegible]

FOLKLORE - BIBLIOGRAPHY

[illegible]

FOLKLORE, [illegible]

[illegible]

FOMIN, ALEKSANDR [illegible]

[illegible]

FOOD

[illegible]

FOOD - ANALYSIS

[illegible]

[illegible]

FOOD INDUSTRY—SAFETY MEASURES
Malakhov, P.I. [Fundamentals of safety technique and fire prevention measures in the food industry] [illegible] tekhniki bezopasnosti i protivopozharnoi tekhniki v pishchevoi promyshlennosti. [illegible] 1960. 337 p.

FOOD INDUSTRY—STUDY AND TEACHING see sub-division under [illegible]

FOOD POISONING
Food poisoning by [illegible] toxicosis) [illegible] Med. [illegible] F '60.

FOOD SANITATION see Food handling

FOOD SUBSTITUTES see subdivision under United States

FOOD SUPPLY see subdivision under [illegible]

FOOT
Diagrams of the [illegible] Zybin, S.L. [illegible] 10 [illegible] '60.

FOOT—DISEASES
Flatfoot. M. [illegible] Mr '60.
Treatment of [illegible] Belar. [illegible] '60.

FOOT AND MOUTH DISEASE
Modern methods of [illegible] G.R. Dubovskii [illegible] 1 '60.

FOOTINGS, CONCRETE see [illegible]

FORAGE PLANTS
(see also subdivision under [illegible] region; Russia)
High carotene [illegible] V.A. [illegible] no.[illegible] '60.
Methods of [illegible] forage crops [with a summary in [illegible] and French] [illegible] Pchelovodstvo [illegible]
Sowing potential [illegible] corn in forage [illegible] Tymchenko [illegible] F '60.

FORAMINIFERA, FOSSIL [illegible] Podolia

FORCE AND ENERGY
Free energy [illegible] Taraeva, [illegible]
History of the [illegible] of energy [illegible]

FORCEPS, OBSTETRIC
Scalp forceps in [illegible] N.I. Balunova. [illegible] '59

FOREIGN BODIES [illegible]
[illegible] Ja '60

FOREIGN EXCHANGE
Brief information [illegible] foreign countries. [illegible] '60.

FOREIGN TOURISTS see [illegible]

FOREMEN
Foremen are [illegible] A. Popov. Agitator [illegible]

FORENSIC MEDICINE see Medical jurisprudence

FORENSIC ORATORY
Bulfman, M.L. [Public [illegible] criminal cases [illegible] 1960. 124 p.

FORENSIC PSYCHIATRY
How investigators [illegible] of forensic psychiatry [illegible] pravo no.6 [illegible]

FOREST ECOLOGY
(see also subdivision under [illegible])
Experimental [illegible] ecology of [illegible] SSSR 112 no.3 [illegible] '60

FOREST FIRES—PREVENTION AND CONTROL
We are on the alert against forest fires. [illegible] no.1 [illegible] Ja '60.

FOREST INFLUENCES
"Climate" [illegible] Alekseev [illegible]
[illegible]

FOREST LAW see subdivision under Latvia, [illegible]

FOREST MANAGEMENT
(see also subdivision under Latvia, Rumania)
[illegible] A. Vorob'ev [illegible]

FOREST NURSERIES
[illegible]

FOREST PRODUCTS
[illegible] of [illegible] production [illegible]

FOREST RESERVES see [illegible] Bohemian [illegible] Forests

FOREST ROADS
[illegible]

FOREST SOILS
(see also subdivision under [illegible] Valley, Russia)
[illegible]

[illegible]

[illegible]

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—ECONOMIC ASPECTS
Vasil'ev, P.V. [Economics of Soviet forestry] Ekonomika lesnogo khoziaistva SSSR. Moskva, Goslesbumizdat, 1959. 470 p.
(NN)

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES
Device used in preparing soil for reforestation. V.I. [illegible] Les. prom. 38 no.1 [illegible] Ja '60
Movable automatic conveyer [illegible] Les. khoz. 13 no.1 [illegible] Ja '60.
New machinery for the [illegible] 14 (10) self-propelled chassis. V.A. [illegible] Les. khoz. 13 no.2 [illegible] F '60.
Portable [illegible] developed by the All-Union Scientific Research Institute of Forest Mechanization [illegible] Les. khoz. 13 no.1 [illegible] Ja '60.
Simple method of mechanizing reforestation operations. I.M. [illegible] Les. prom. 38 no.1 [illegible] Ja '60.
[illegible] of Sverdlovsk Province forest workers for greater efficiency. M.V. [illegible], A. Protasovich. Les. khoz. 13 no.2 [illegible] F '60

FORESTS AND FORESTRY—LABOR PRODUCTIVITY
Determining the productivity of labor on the basis of [illegible] I.M. [illegible] Les. khoz. 13 no.2 [illegible] F '60

FORESTS AND FORESTRY—MAPS
[illegible] of photomaps. [illegible] '60

FORESTS AND FORESTRY—VALUATION
Analytical methods of forest valuation. [illegible] Les. khoz. 13 no.2 [illegible] F '60
[illegible] forest categories [illegible] Les. khoz. [illegible] '60
"Manual of forest valuation." Reviewed by V.I. [illegible] Les. khoz. 13 no.2 [illegible] F '60

FORGE SHOPS
Providing for the quality of forgings in the design of forging and die stamping shops. V.I. [illegible] Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.

FORGE SHOPS—EQUIPMENT AND SUPPLIES
Use of manipulators in forges. B.I. Vakhtanov, K.K. Zozin, B.M. Bal'ehin. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.

FORGE see Forge shops

FORGING
Advanced technological process for making spindle-type blanks. [illegible] Trudy VNIIMASH no.1 [illegible] '59.
Effect of the degree of upsetting on the mechanical qualities of forged [illegible] Energomashinostroenie [illegible] '60.
[illegible] forge shop operations. [illegible] '60
Kiselev, S.I. [Increasing the accuracy of forgings] Povyshenie tochnosti pokovok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 401 p.
"Machining parts by rotary reduction" by V.I. [illegible] Reviewed by [illegible] Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.
[illegible] of liquid metal drop [illegible] V.V. [illegible] '60.
Mamaev, A.M. [Drop forging operations] Tekhnologiia kuznechno-shtampovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 344 p.
Master of hammer forging. I. Ryabov. [illegible] no.5 [illegible] F '60.
Mechanization in agriculture and our objectives. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.
Progressive steps in the manufacture of forgings for steam and gas turbine blades. B.N. Balagov, V.N. Martynov, V.G. Povarov. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.
Rejects resulting from clamping defects in making automobile forgings and ways to avoid them. O.A. [illegible], A.K. Dammer. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60
[illegible] A. [illegible] no.2 [illegible] '60.

FORGING MACHINERY
(see also subdivision under United States)
Current trends in the development of horizontal forging machines. [illegible] Vest. mash. 40 no.2 [illegible] '60
Forging ragged bevel gears on a horizontal forging machine. A.D. Matveev, A.R. Krauze, M.Iu. Sal'man. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60
[illegible] of forging cranes. [illegible] Vest. mash. 40 no.2 [illegible] F '60
Modernization of press forging equipment at the Likhachev Automobile Plant in Moscow. K.G. Vorob'ev, Iu.N. Sychev. Kuz.-shtam.proizv. 2 no.1 [illegible] Ja '60.

FORMALDEHYDE

Studies in the series of diarylmethanes and their derivatives Part 7 Synthesis of mesityl-α-naphthylmethane. Thermal conversions of higher products resulting from the condensation of formaldehyde with mesitylene N.K. Moshchinskaia, V I. Chernenko, B S Bouden Ukr khim. zhur 25 no 6·762-766 '59

Synthesis of styrene and formaldehyde copolymers N. V Shorygina, A G Chernova Zhur prikl khim 33 no 1·251-253 Ja '60

Thermodynamics of the production of acrylonitrile and its homologs by the condensation of formaldehyde with lower aliphatic nitriles M I IAkushkin Khim prom no 7 575-577 O-N '59

FORMAZANS

Method for controlling the inoculum during biological oxidation of sorbitol into sorbose [with summary in English]. M. G. Shternberg, S I. Zhurubitsa Mikrobiologiia 29 no 1·146-149 Ja-F '60.

FORTIFICATION, PRIMITIVE see subdivision under
Galich (Kostroma Province); Tsimlyanskaya
District

FORTIFICATIONS, OLD see subdivision under Novgorod

FORTUNETELLING

Krutik, M. I. [There are people who still believe in this] O tom, chemu eshche veriat. Moskva, Gos. izd-vo polit. lit-ry, 1960. 55 p. (O religii i nauke)

FOUCHE, JOSEPH, 1763-1820

Dechristianization activities of Joseph Fouche. IA. M Zakher. Ezhegod. Muz ist rel. i ateiz. 3 93-111 '59

FOULING OF SHIP BOTTOMS

Fouling of ship bottoms and hydraulic structures along the seashores of the U S S R [with summary in English] N I Tarasov Zool zhur 38 no. 12·1886-1887 D '59

FOUNDATIONS

Actively introduce into practice resolutions of the December Plenum of the Central Committee of the CPSU Osn , fund i mekh grun 2 no. 1·1 '60

Approximate method for computing the settlement of pile foundations E. P Sivtsova [Trudy] NIIOSP no 36 34-42 '59

Approximate method for determining the effect of the eccentricity of loading on the bearing capacity of foundations IU. I. Solov'ev. Izv vys. ucheb. zav., strol. i arkhit. no 9 115-122 '59.

Calculating the sagging of foundations of building and structures erected on macroporous soils G D Gil'denblat Osn , fund i mekh grun 2 no 1:23-24 '60

Constructing foundations. I. Naimark. Stroi. i arkhit. 8 no. 1:30-31 Ja '60.

Construction on loess soils. N. N. Kriger, S. I. Serebriannikov Osn , fund i mekh grun 2 no 1·28-29 '60

Designing natural foundations according to deformations. E I Medkov. Osn , fund i mekh grun. 2 no 1·11-14 '60

Determining the sizes of bases of eccentrically loaded right-angle foundations A A. Dykhovichnyi Osn., fund i mekh grun 2 no 1:25-27 '60

Efficient designs of foundations for rural masonry buildings E M. Gendel' Osn , fund. i mekh. grun 2 no 1· 2-4 '60

Instruction for using precast band foundations. Osn., fund i mekh grun 2 no 1·19 '60

Limited use of the Coulomb theory in determining the active pressure of soil on bulkheads. G K Klein. Osn., fund i mekh. grun. 2 no 1:5-7 '60

olithic continuous U-shaped foundations. V E. Ivanov. '. vys. ucheb. zav. ,stroi. i arkhit. no. 8·131-135 '59.

inizing preparatory operations on building sites of lustrial buildings. E. Bogushevich. Stroitel' no. 1· 18 Ja '60.

lements and deformations of large-panel buildings ilt on soils containing plant residues A. T. Iovchuk. n , fund i mekh. grun 2 no. 1·14-16 '60.

ing into account bends in foundations of supports in signing electric analyzers for frames. G. E. Pukhov, V. Il'enko. Trudy RISI no. 11:72-75 '58.

tovich, N. A., and others. [Foundation engineering] inovaniia i fundamenty. Pod red. N. A. TSytovicha. oskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit, aterialam, 1959. 452 p.

remarks on the article by B. I. Dalmatov "Rated resistance of clayey soil foundations." K. A. Zhilinskii. sn, fund i mekh grun 2 no 1·29 '60

olved problems in large-panel housing construction Sergeev Arkhit SSSR no 2 27-29 '60

ng graphoanalytic methods in calculating the settlement of foundations. M F Kurochkin Osn , fund. i ekh. grun 2 no. 1:20-21 '60.

ng short reinforced concrete piles in building pile indations of basementless residential and industrial ildings E V. Svetinskii. [Trudy] NIIOSP no 36 56- '59

INDATIONS—BIBLIOGRAPHY see Bibliography—
'oundations

FOUNDATIONS—VIBRATIONS

Plane vibrations in foundations. Cheng K'e-yang. Izv. vys ucheb zav ,stroi. i arkhit. no. 9·71-78 '59.

FOUNDING
(see also subdivision under China)

Calcium loss in bearing BK alloys during repeated melting. K I Akimova, IU. A. Otradinskii. Issl. splav. tsvet. met no 2 140-144 '60.

Chernogorov, P. V., and IU. P. Vasin. [Method of reducing riserheads on castings] Metod umen'sheniia pribylei v otlivkakh. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 56 p. (Obmen peredovym opytom; liteinoe proizvodstvo)

Corrosion-resistant iron-nickel-molybdenum alloy castings. IU. N. IUkalov. Lit. proizv. no 2,9-10 F '60.

Mixtures solidifying by chemical means used in mold and core making for steel and iron founding. A. A. Smirnov, V. N. Smyslenov. Trudy VNIINMASH no. 1:5-10 '59.

Problems in the theory of founding processes. B. B. Guliaev. Vest. AN SSSR 30 no. 5:112-113 My '60.

Veinik, A. I [Theory of the solidification of castings] Teoriia zatverdevaniia otlivki Moskva, Gos nauchno-tekhn izd-vo mashinostroit. lit-ry, 1960. 434 p.

FOUNDING—BIBLIOGRAPHY see Bibliography—
Founding

FOUNDING—EQUIPMENT AND SUPPLIES

Semiautomatic machine for the assembly and die casting of electric motor rotors. I. F. Kostomarov, A. A. Mosiak, F. I. Glinnikov. Lit. proizv. no. 2.20-21 F '60.

FOUNDRIES

Mechanisms and automatic devices used in foundries. L. M. Baryshevskii. Mashinostroitel' no. 2 7-9 F '60.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Approximate calculation of the overturning moment of a casting ladle. L. F Vygodner. Izv. vys. ucheb. zav., mashinostr. no. 6:76-81 '59.

Conveyer equipment of foundry shops and areas for casting under pressure M. L. Zaslavskii. Lit. proizv no. 2 16-20 F '60.

Fifteenth all-Union scientific technological conference on the over all mechanization and automatization of founding Lit proizv. no. 2 1 F '60.

Mechanisms and automatic devices used in foundries. L M. Baryshevskii. Mashinostroitel' no. 2·7-9 F '60.

Membrane jolting machine. V. K. Kuznetsov. Lit. proizv. no. 2:40-41 F '60.

Modernized, model 287, sand slinger. E. I. Talanker. Lit. proizv. no 2 12-13 F '60.

Modernized molding machine "International." E. A. Egorov, N. M. Manuilov, A. K. Luk'ianov. Lit. proizv. no. 2·43-44 F '60.

Ventilation of inert shakeout tables. N. M. Aksman. Lit. proizv. no. 2.41 F '60.

Vertically-locked, walking foundry conveyer. A. IA. Savitskii. Lit. proizv. no. 2:14-16 F '60.

FOUNDRIES—SAFETY MEASURES

Makurin, P. L. [Safety techniques in foundries] Tekhnika bezopasnosti v liteinykh tsekhakh. Pod red. L. M. Volpianskogo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 62 p. (Nauchno-populiarnaia biblioteka rabochego-liteishchika, no. 13)

Reorganization of foundry shops improves working conditions. B. M. Belorusets. Bezop. truda v prom. 4 no. 2,27-29 F '60.

FOURIER SERIES

Basis of a Fourier method for one-dimensional problems. B. M. Levitan. Uch. zap. MOZPI no. 3·72-81 '59.

FOXES see subdivision under Bulgaria

FRACTIONAL DISTILLATION see Distillation,
Fractional

FRACTIONS

Analyzing the presentation of fractions in the school arithmetic course. S. P Aleksakhin. Uch. zap. Mosk. gor. ped. inst. 71·3-46 '58.

Arithmetical treatise of Abu-l-Bafa; Arabian canonical fractions. M. I. Medovoi. Vop. ist. est. i tekh. no. 8: 101-106 '59.

FRACTIONS—PROBLEMS, EXERCISES, ETC.

Problems on quick thinking and reasoning based on the arithmetic of fractions. N. N. Litvinov. Mat. v shkole no. 1:61-62 Ja-F '60.

FRACTURES

Materials for a histological diagnosis of intravital and posthumous fractures of the long bones. A E. Spasolomskaia. Sud.-med ekspert. 3 no. 1:15-18 Ja-Mr '60

"Methods for accelerating the healing of fractures" by G. V. Golovin. Reviewed by A. P. Skoblin. Ortop., travm. i protez. 20 no. 12·61-64 D '59.

The use of an alcohol-novocaine solution in the combined treatment of fractures in children. V. S. Topuzov. Ortop., travm. i protez. 20 no. 12:24-27 D '59.

FRANCE—ARCHIVES

Academic mission to Paris. N. A. Sidorova. Sred. veka no. 16·149-156 '59.

FRANCE—ATOMIC BOMB

Is the French bomb going to explode? M. Rouze. V zashch. mira no 102 34-43 N '59

FRANCE—BIOLOGICAL RESEARCH

Some biological institutions of modern France. IU. I. Polianskii. TSitologiia 2 no. 1·113-124 Ja-F '60.

FRANCE—CHILDREN AS ARTISTS

Life is the source of their creativeness. N N. Zhukov. Kul't. i zhizn' 4 no. 1:24-25 '60.

FRANCE—COMMUNISM—PERIODICALS

The French communist press during the 1840's V. P. Volgin Nov i noveish ist no. 1:3-24 '60.

FRANCE—COMMUNIST PARTY

Books on the creation of the Communist Party in France ("The labor and socialist movement in France, 1917-1920" by L. P. Kozhevnikova. Reviewed by M A Liuksemburg) Nov. i noveish ist no 1·155-156 '60

FRANCE—DESCRIPTION AND TRAVEL

Across France. V Gorlaev. V zashch. mira no. 103 58-60 D '59.

A little of France. Boris Babochkin. Novyi mir 36 no. 3:147-168 Mr '60.

Through France Lev Nikulin. Oktiabr' 37 no. 1:140-151 Ja '60.

FRANCE—ECONOMIC CONDITIONS

A study of the development of domestic trade and economic relations in France during the second half of the 15th century. L. P. Gorbacheva. Sred veka no. 15: 77-88 '59.

FRANCE—ELECTROPHYSIOLOGY

Unusual experiments. S. Pisochyns'kyi. Znannia ta pratsia no. 1,31 Ja '60

FRANCE—FOREIGN ECONOMIC RELATIONS—RUSSIA

Coexistence: Marseille wants to renew its contacts with Black Sea ports. G. Defferre. V zashch. mira no 102 15-16 N '59.

FRANCE—FOREIGN RELATIONS—BALKAN PENINSULA

History of French policy in the Balkan Peninsula ("French policy in the Balkans before the First World War" by IU. O. Boiev. Reviewed by A. K Martynenko). Ukr. ist. zhur. 4 no. 1·133-134 Ja-F '60.

FRANCE—FOREIGN RELATIONS—GERMANY

The beginning of Franco-Prussian treaty negotiations and the Roman question, August, 1866 - January, 1867 L M. Shneerson. Uch. zap. BGU no. 50 3-43 '59.

FRANCE—FOREIGN RELATIONS—RUSSIA

The Franco-Soviet nonaggression treaty of 1932 [with summary in English]. A. N. Solov'ev. Vest. LGU 15 no. 8 103-115 '60.

May our good expectations come true! Leonid Sobolev. Ukraina no. 4:8 F '60.

"Russo-French relations, February October, 1917" by A. E. Ioffe. Reviewed by V. A. Emets. Ist. SSSR no. 1 152-184 Ja-F '60.

FRANCE—HISTORY

Lukin, N. M. [Selected works in three volumes] Izbrannye trudy v trekh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1960. 513 p.

FRANCE—HISTORY—SOURCES

Documents on the history of mid-sixteenth century France (continuation). T. P. Voronova, E. O. Gurary Sred. veka. no. 15:140-172 '59.

FRANCE—HYDRAULIC STRUCTURES

Use of precast and prestressed reinforced concrete in irrigation construction work in France L A. Chernievich Gidr i mel. 12 no 1 53-58 Ja '60.

FRANCE—LAND TENURE

Discussion of Roland Mousnier's (Paris) report to the group on the study of the history of France. I Shelap Nov. i noveish. ist no. 1:173-174 '60.

FRANCE—MILITARY BASES, WEST GERMAN

Premeditated. Nov. vrem. 18 no. 22:25 My '60

FRANCE—NATURAL GAS

Remote control and mechanization of natural gas production in France. S. S. Kozlov. Mekh. i avtom. proizv. 14 no. 2:55-56 F '60.

FRANCE—PHONORECORDS

Phonograph records in France. Roland de Candé. Sov muz. 24 no. 2 150-153 F '60.

FRANCE—POLICE

Through the pages of foreign newspapers Sots zakon. 37 no. 3 93-95 Mr '60

FRANCE—POLITICS AND GOVERNMENT

Krutogolov, M. A. [Governmental system of France according to the Constitution of 1958] Gosudarstvennyi stroi Frantsii po Konstitutsii 1958 goda. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 99 p.

FRANCE--RELATIONS (GENERAL) WITH RUSSIA
Beautiful birthday gift. J.Casalbout. Kul't.i zhizn' 4 no.1:23 '60.
France is waiting. Max Leon. Itin.mat. no.[illegible] F '60.
French friends of the Korablkov family. A.[illegible] Ogonek 38 no.8 [illegible] '60.

FRANCE--RUSSIAN LITERATURE--HISTORY AND CRITICISM
Paper of A.Mazon. M.B. Vop.lit. 4 no.1:251-252 Ja '60.

FRANCE--WORLD WAR, 1939-1945--UNDERGROUND MOVEMENTS
"I recognized you, my friend." [illegible] Ukraina no.4:27 [illegible] '60.

FRANCIUM--ISOTOPES
Radioactive decay of Ac^{227} and excited levels of Fr^{223} and Th^{227} [with summary in English]. [illegible] and others. Zhur.eksp.i teor.fiz. 37 no.4:926-917 O '59.

FRAUD
A case concerning the missing bottles. A.Vasil'ev. Sots.zakon. 37 no.1:61-64 [illegible] '60.

FREEZING see Ice

FREEZING POINTS OF SOLUTIONS see Molecular weight

FREIBURG, SERGEI IVANOVICH, 1887-1957
S.I.Freiburg; obituary. [Trudy] MVTU no.[illegible] '59.

FREIGHTERS--HANDLING
Effect of restricted channels on the controllability of [illegible] propelled freighters. [illegible] no.1:8-11 Ja '60.

FRENCH LANGUAGE--VERB
Impersonal variations of the verb "faire" in the French language. N.[illegible] [illegible] no.2 [illegible] '59.

FRENCH LITERATURE--ADDRESSES, ESSAYS, LECTURES
Ehrenburg, I.G. [French notebook, notes and translations] Frantsuzskie tetradi, zametki i perevody. Moskva, Sovetskii pisatel', 1959. 210 p.

FRENCH PERIODICALS
Indemonstrable "Proof." V.I.Rubin. Nauka i zhizn' 26 no.11:210-219 N '59.

FRENKEL', GITA MARKOVNA, 1896-1959
Gita Markovna Frenkel'; obituary. Mikrobiologiia 29 no.1:300 Ja-F '60.

FRENKEL', ZAKHARII GRIGOR'EVICH, 1869-
Zakharii Grigor'evich Frenkel' on his ninetieth birthday. D.N.Kalliuzhnyi. Vrach.delo no.[illegible] '59.

FREONS
Thermodynamic properties of freon 113. [illegible] no.1:77-79 Ja-F '60.

FREQUENCY CHANGERS
Amplification parameters of a transistor frequency converter. D.N.[illegible], M.P.[illegible] Elektrosviaz' 14 no.3:38-44 [illegible] '60.
Asynchronous frequency converter for a petroleum refinery. M.A.Fal'bian. Izv.vys.ucheb.zav.; energ. 2 no.12 38-50 D '59.
Indication of infrared radiations by means of [illegible] frequency converters. [illegible] Izv.vys.ucheb.zav.; radiofiz. [illegible]
Investigation of a push-pull frequency divider. D.I. Evtianov, D.A.Smirnov. Elektrosviaz' 14 no.1:[illegible]-22 Ja '60.
Low-frequency divider. V.G.Arsenev, [illegible] Elektrosviaz' 14 no.2:32-[illegible] F '60.
Measures for improving the operation of the [illegible] frequency tripler. [illegible] Vainshtein. [illegible] 15 no.2:27 F '60.
Properties and effectiveness of a [illegible] generator for frequency converters. V.M.Pavlov, [illegible] Izv.vys.ucheb.zav.; elektromekh. [illegible] no.1:[illegible] '60.

FREQUENCY MEASUREMENTS
Device for determining frequency characteristics in the infra-low frequency range. A.A.Vavilov, A.I.[illegible]nikov. Izv.vys.ucheb.zav.; [illegible] '59.
IChKh-8 instrument for measuring frequency characteristics. N.Skvortsov. Tekh.kino i telev. 4 no.1:43 Ja '60.

FREQUENCY MULTIPLIERS
High multiplication of frequency by the use of a reflex klystron. E.N.Bazarov, M.I.Zhabotinskii, [illegible]kov. Radiotekhnika 15 no.[illegible] '60.

FRESH-WATER BIOLOGY
(see also subdivision under Rybinsk Reservoir)
Coefficients of radioisotope accumulation by fresh-water algae. E.A.Gileva. Dokl.AN SSSR 132 no.4:948-949 Je '60.
Current problems concerning the toxicology of waters. N.S.Stroganov. Biul.MOIP.Otd.biol. 64 no.6:159 N-D '59.
Use of radioactive carbon isotopes in studying the nutrition of aquatic invertebrates. Iu.I.Sorokin, A.N.Meshkov. Trudy Inst.biol.vodokhran. no.2:7-14 '59.

FRESH-WATER FLORA
(see also subdivision under Simferopol Reservoir)
Role of phytoplankton and higher plants in the self-purification of polluted water. K.A.Kokin. Biul.MOIP.Otd. biol. 64 no.6:160 N-D '59.

FRICTION
Elastic contacting of rough surfaces. N.B.Demkin. Izv. vys.ucheb.zav.; mashinostr. no.6:[illegible] '59.
[illegible] of vibrating [illegible] against salt. [illegible] Izv.vys.ucheb.zav.; [illegible] no.6:[illegible] '59.
Internal friction in pure metals and alloys at high temperatures. V.S.Postnikov. [illegible] 100-107 '59.
Investigating the friction force of plunger pairs. P.M. [illegible], G.A.Nikitin. Izv.vys.ucheb.zav.; av.tekh. [illegible] '59.

FRICTIONAL RESISTANCE (HYDRODYNAMICS)
Calculation of hydrodynamic characteristics of an underwater V-shaped wing intersecting a free surface of water. A.N.Lukomskii. Trudy LKI no.[illegible] [illegible]
Effect of roughness on body resistance. V.I.Drobleнkov. Trudy LKI no.[illegible] '59.

FRONT see subdivision under Moldavia

FROSTBITE
Frostbite. [illegible] Zdorov'e 6 no.2:31 F '60.

FROZEN GROUND
Boring machinery for extracting samples of natural frozen ground. V.I.Pevkov. Osn., fund. i mekh.grun. 2 no.1:[illegible]
[illegible] N.Nalkov. Zhan. [illegible]
[illegible] V.M.Ponomarev, [illegible] Priroda 49 no.5:[illegible] My '60.
[illegible] reflection of light by conifer [illegible] A.[illegible] Trudy [illegible] no.[illegible] '59.
[illegible], and the freezing and thawing of forest soils in the central part of Karelia. G.P.Platonov. Izv.Kar.i Kol'.fil.AN SSSR no.4:[illegible] '59.
The critical prerequisites of the method used in forecasting the disintegration of permanently frozen ground and ice fields. [illegible] Probl.Arkt. no.[illegible] '59.
[illegible] on tractor and bulldozers to work [illegible] M.S.[illegible] [illegible]

FROZEN GROUND--MAPS
[illegible] of permafrost maps. N.I.Popov. Trudy VNIGAIK no.[illegible] '59.

FROZEN MEAT see Meat, Frozen

FRUIT
Moscow. Nauchno-issledovatel'skii institut torgovli i obshchestvennogo pitaniia. [Collection of recipes and technical instructions for the processing of fruits and vegetables] Sbornik retseptur i tekhnicheskikh ukazanii po pererabotke plodov i ovoshchei. Izd.4., dop. i perer. Moskva, Gos.izd-vo torg.lit-ry, 1959. 351 p.
[illegible] I.M.Stepanova. Priroda [illegible] '60.

FRUIT--DISEASES AND PESTS
How to protect [illegible] from pests under [illegible] [illegible]. Kons.i ov.prom. 15 no.1:42-43 Ja '60.

FRUIT--FERTILIZERS AND MANURES
Fertilizers help to increase fruit yields. M.F.Tyminskaia. Kolkh.[illegible] 7 no.2:[illegible] F '60.

FRUIT CULTURE see subdivision under Chernigov Province, Crimea, Kiev, Kiev (Sviatoshino District), Kolomenskoye District, United States

FRUIT JUICES
(see also subdivision under Budapest)
Conference discussing the technological layouts and equipment for the production of fruit and berry juices containing fruit pulp. A.N.Samsonova. Kons.i ov.prom. 15 no.2:46 F '60.
Production of cherry juice according to a new system. [illegible] Kons.i ov.prom. 15 no.1:[illegible]-13 Ja '60.
Useful [illegible] B.I.Flaumenbaum. Kons.i ov.prom. 15 no.2:41-44 F '60.

FRUIT TREES
Effect of gibberellic acid on the germination of fruit and seeds the growth of fruit crops. T.V.Nekrasova. Fiziol.rast. 7 no.1:106-109 '60.
Effect of temperature on the development of flower buds and fruit. I.M.Riadnova. Fiziol.rast. 7 no.1:92-94 '60.
Flowering of orchards. V.I.Dolgoshov. Priroda 49 no.5:[illegible] My '60.

FRUIT TREES--DISEASES AND PESTS
The goat moth Cossus cossus L. N.Iu.Andrievskaia. Priroda 49 no.5:41 My '60.

FRUITS see subdivision under Crimea

FRUNZE--AGRICULTURAL MACHINERY INDUSTRY
This is the way to win prestige. M.Sviridov. Okhr.truda i sots.strakh. no.1:61-64 Ja '60.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925
Dates, events, and people. Komm.Bel. 34 no.1:86-89 Ja '60.
Herbarium of Mikhail Vasil'evich Frunze. Mikhail Zhokhov. [illegible] no.3:20-21 F '60.
Kalabashkin, A.S. [Loyal son of the party, a historical and biographical account of M.V.Frunze] Vernyi syn partii, istoriko-biograficheskii ocherk o M.V.Frunze. Kishinev, Gos.izd-vo "Kartia Moldoveniaske," 1960. 243 p.
Outstanding member of the Communist Party and talented military leader. A.Kalabashkin. Komm.Mold. 5 no.1:56-63 Ja '60.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925--BIBLIOGRAPHY see Bibliography--Frunze, Mikhail Vasil'evich, 1885-1925

FRUNZE--AGRICULTURAL MACHINERY
Rozhko, N.N. [On the road of technical progress; the Frunze Agricultural Machinery Plant] Po puti tekhnicheskogo progressa, sel'mashzavod imeni Frunze. Frunze, Kirgizskoe gos.izd-vo, 1959. 80 p.

FUEL
Discussing the fuel balance. V.Kharitonov. NTO 2 no.2:[illegible] F '60.
Improve the accounting for fuel in warehouses. [illegible], N.[illegible] Bukhg.uchet 19 no.1:[illegible] Ja '60.

FUEL--ANALYSIS
Corrosion of low temperature heating surfaces when sulfurous fuels are burned. D.I.[illegible], V.I.[illegible] Elek.sta. 31 no.2:7-10 F '60.

FUEL--STORAGE
Laboratory tests of fuel in cushions. M.S.Mashkarov, I.V.[illegible]. Elek.sta. 31 no.2:[illegible] F '60.

FUEL OIL see Petroleum as fuel

FUEL PUMPS
Adjusting fuel pumps. L.Chelpan. Sel'.mekh. no.1 [illegible] '60.

FULVIC ACID
Separating fulvic acids from acid soil solutions in the form of barium salts. I.S.Mezhenin. Izv.AN Kazakh. SSR.Ser.bot.i pochv. no.2:[illegible] '60.

FUNCTIONAL ANALYSIS
Boundary properties of functions from "weight" classes. P.I.Lizorkin. Dokl.AN SSSR 132 no.3:514-517 My '60.

FUNCTIONS
Functions compatible with D-integrable functions. A.G. [illegible] Sbor.AN Gruz.SSR [illegible] '60.
On a semicontinuous function. P.S.Novikov, S.I.Adian. Uch.zap.MOPI 138:3-10 '59.
Representing functions of limited variation by means of a generalized integral. Iu.S.Ochan. Uch.zap.MOPI 138:11-45 '59.

FUNCTIONS, ANALYTIC
Theorems on an implicit abstract analytic function. A.E.Gel'man. Dokl.AN SSSR 132 no.3:501-503 My '60.

FUNCTIONS, BOOLEAN see Boolean functions

FUNCTIONS, ENTIRE
Evaluations and entire functions. I.I.Ibragimov. Uch.zap. MOPI 77:[illegible] '59.

FUNCTIONS, PERIODIC
Almost periodic functions as normed by Orlicz. L.T. [illegible]. Uch.zap.MOPI 77:247-265 '59.
Ergodic classes of recurrent motions. V.I.Zubov. Dokl.AN SSSR 132 no.3:507-509 My '60.
Generalized norms and almost periodicity. P.I.Romanovskii, L.I.[illegible]. Uch.zap.MOPI 77:[illegible] '59.

FUNCTIONS OF COMPLEX VARIABLES
A-integration and boundary properties of analytic functions of several complex variables. L.A.Aizenberg. Uch.zap.MOPI 77:15-54 '59.
Certain inequalities for regular functions of two complex variables. I.I.Ibragimov. Uch.zap.MOPI 77:[illegible] '59.

FUNCTIONS OF COMPLEX VARIABLES (Continued)

[illegible]

[illegible]

[illegible]

[illegible]

FUNCTIONS OF REAL VARIABLES

[illegible]

FUNCTIONS OF SEVERAL VARIABLES

[illegible]

Functions of several variables with rapidly converging [illegible]. L.M. [illegible] 1960, Vol. 132 no. 4 771-776 Je '60.

FUNGI

(See also subdivision under [illegible])

Microscopic examination of [illegible] pigmented [illegible] Microbiologiia [illegible]

Nucleotide composition of [illegible] nucleic acids of [illegible] 1960. ANI [illegible]

FUNGI, PATHOGENIC

[illegible]

FUNGICIDES

Investigating the fungicidal properties of [illegible]

Reactions of hydrazides of [illegible] Part [illegible] Vest. Med. [illegible]

FUR

Kaplin, A. A. [illegible] Moskva, Vneshtorgizdat, 1960. 45 p.

[illegible]

FUR TRADE See [illegible]

FURACILIN

[illegible]

FURALDEHYDE

(See also [illegible])

[illegible]

[illegible]

[illegible]

[illegible]

FURANS

[illegible]

[illegible]

Thermal dehydrogenation of 2,5 dihydrofurans. [illegible] Dokl. AN SSSR [illegible]

Use of furadonin in [illegible] G.A. [illegible]

FURAN COMPOUNDS

[illegible]

FURMANOV, DMITRII ANDREEVICH, 1891-1926

In the Furmanov's study. [illegible] 9 no. 11 [illegible]

FURNACES

Analysis of the effects of operating conditions parameters on the [illegible] S.I. Shapalova, K.M. Arefiev [illegible]

Composite equipment [illegible] for [illegible]

[illegible]

GALAXIES

[illegible]

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Studying on the gamma ray method for killing the silk worm and preserving the cocoon. M. A. Azimov and others. Izv. AN Uz SSR Ser. [illegible] no. 6:12-18 '59.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Cytochemical changes in the cells induced by gamma and X rays [with summary in English]. A. A. [illegible] 15:100-110 '60.

Investigating the effect of gamma rays of radioactive cobalt on common bunt in wheat. M. M. [illegible] Chyzh. Visnyk sil'hosp nauky [illegible]

GAMMA RAYS—SCATTERING

One possibility for increasing the resonance scattering cross section of gamma rays on nuclei. D. I. Kapor. Vest. AN Kazakh SSR 16 no. 1:51-54 Ja '60.

Rayleigh scattering of γ rays from Co60 at small angles [with summary in English]. S. A. [illegible] dubtsev. Zhur. eksp. i teor. fiz. 37 no. [illegible] '59.

GANDEN, TIBET—MONASTERIES

Purevzhav, S. [Ganden monastery of [illegible] Khure in Mongolia, an account of its history and economy. An abstract of a dissertation offered for the degree of candidate of the historical sciences [illegible] skii monastyr' Ganden Tegchenlin [illegible] ekonomicheskii ocherk. Avtoreferat dissertatsii na soiskanie uchenoi stepeni kandidata istoricheskikh nauk] Moskva, Akad. nauk SSSR, [illegible] 11 p.

GANDZIURA, PETRO

Lighting south ("Following the storms", [illegible] Gandziura. Reviewed by V. [illegible] no. 11:176-178 N '59.

GANGLIA, NERVOUS see Nervous system, Sympathetic

GANGOPADHYAYA, NARAYAN, pseud.

Gangopadhyaya's Calcutta stories ("Moon [illegible] letter stories" by Narayan Gangopadhyaya. Reviewed by V. Fisher). Inostr. lit. no. 12:255-257 D '59.

GARAGES

(see also subdivision under [illegible])

Standard design of a multistoried garage for passenger cars. M. Goldenberg. Avt. transp. [illegible] Ja '60.

GARDENING

De holder in seeking the new. [illegible]

GARDENING—EQUIPMENT AND SUPPLIES

Seeder and flat for raising seedlings. [illegible] nat. no. 3:40 Mr '60.

GARMENT CUTTING

Pattern making for clothing [illegible] Trukhanov. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 6:99-105 '59.

GARNET see subdivision under [illegible]

GAS—SAFETY MEASURES

Zorin, V. S. [Remember gas is dangerous] [illegible] gaz nebezopasen! [Moskva, M-vo [illegible]] p.

GAS, NATURAL

(see also subdivision under Partizansk region, Irkutsk Province)

Gudkov, S. F. [Processing of hydrocarbons obtained from natural and casing head gases] Pererabotka uglevodorodov prirodnykh i poputnykh gazov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 173 p.

Shebelinka. T. Gonta. Ogonek 38 no. [illegible]

The transfer of a 230 [illegible] with natural gas [with summary in English]. [illegible] Dobrokhotov and others. [illegible]

GAS, NATURAL—BIBLIOGRAPHY see Bibliography—Gas, Natural

GAS, NATURAL—GEOLOGY

(see also subdivision under Apsheron Peninsula, Caspian Depression; Daghestan, Pechora Valley, Timan Ridge, Uzbekistan, Volga Upland)

Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Origin of oil and gas and the formation of pools; transactions of the all-Union conference, Moscow, October 20-27, 1958] Proiskhozhdenie nefti i gaza i usloviia formirovaniia ikh zalezhei; trudy Vsesoiuznogo soveshchaniia, Moskva, 20-27 oktiabria, 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 547 p.

Structural characteristics of the Karaoil' Achisu [illegible] in southern Daghestan and its oil and gas [illegible] Galin. Izv. vys. ucheb. zav.; neft' i gaz [illegible]

GAS, NATURAL—PIPELINES

(see also subdivision under Canada, Czechoslovakia)

Akstafa-Tiflis gas pipeline. [illegible] gaz 2 no. 12:[illegible] '59.

Continuous high speed method for laying urban gas pipelines. G. M. [illegible] Strol. truboprov. 4 no. 12:18-20 D '59.

Insulated gas pipelines. A. I. Tkachenko. Stroi. truboprov. 4 no. 12:9 D '59.

Laying underground gas pipelines in mining areas. V. K. Chechulin. Stroi. truboprov. 4 no. 12:13-15 D '59.

Loading and transporting operations on the site of the construction of 1020 mm. gas pipelines. P. P. Zheltikov, IA. N. Prokhorov. Stroi. truboprov. 4 no. 12:15-17 D '59.

Out of town session of the Technical Council of the Main Administration of Urban Gas Supply of the U.S.S.R. in [illegible] Stroi. truboprov. 4 no. 12:21-24 D '59.

Protecting metal pipelines against corrosion. Zhil.-kom. khoz. 10 no. 1:11 '60.

GAS, NATURAL—SAFETY MEASURES

Prevention of accidents caused by static electricity in the petroleum and natural gas industries. V. N. [illegible] [illegible] no. [illegible] 13-17 [illegible] '60.

GAS, NATURAL—STORAGE

[illegible] storage facilities. Izv. vys. ucheb. [illegible] no. 1:[illegible]

GAS, NATURAL—TRANSPORTATION

Comparing the economy of gas transportation with the transmission of electric power. M. M. Albegov, N. N. [illegible]. [illegible] no. 1:30-35 Ja '60.

Comparing the efficiency of electric power transmission and natural gas transportation in connection with the location of condensation electric power plants. R. IA. [illegible], M. A. [illegible]. Trudy [illegible] no. [illegible] '59.

GAS AND OIL ENGINES

Alekseev, V. P., and others. [Internal combustion engines, design and construction] Dvigateli vnutrennego sgoraniia; ustroistvo i rabota. Pod red. A. S. Orlina. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

Consumption factor of the intake systems of motors. A. M. [illegible], P. P. Minchenko. Energomashinostroenie 6 no. 2:15-17 F '60.

Gavrilov, IA. I. [Repair of the U-5m and SM-1 engines] Remont dvigatelei U-5m i SM-1. Izd. 3., perer. Moskva, Gos. izd-vo M-va [illegible], 1960. 200 p.

[illegible] of hydrocarbons of the methane series in an internal combustion engine. D. G. Gavrilov [illegible] [illegible] '60.

Study of the internal combustion engine in mechanical engineering classes of secondary schools. A. S. Rodionov [illegible]

GAS APPLIANCES

Automatic safety device for gas appliances. A. Vyshelonskii, I. [illegible], M. [illegible]. Obshchestv. pit. no. 1:46-49 Ja '60.

[illegible] B. [illegible] slavetskii, [illegible] Ja '60.

[illegible] B. [illegible] Pozh. delo 6 no. 1:15-16 Ja '60.

Installing gas appliances in apartments without separate kitchens. [illegible] Zhil.-kom. khoz. 10 no. 2 [illegible]

Rules for installing and using gas appliances in residential, public buildings, and enterprises serving public needs. [illegible] no. 1:35-39 Ja '60.

GAS AS FUEL

Complete analysis of flue gas in the combustion of natural gas under steam boilers. A. I. Vysotskaia, and others. Izv. vys. ucheb. zav.; energ. 2 no. 12:85-89 D '59.

These books will be published by Aznefteizdat at the beginning of December 1959. Azerb. neft. khoz. 38 no. 1:48 '59.

Use of combustible gases. V. M. Popov, L. V. Semenov. Vest. AN SSSR 30 no. 5:110-112 My '60.

GAS BURNERS

Burning natural gas under steam boilers by means of [illegible] jet burners. A. S. Kremdel', I. P. Shtelnberg. [illegible] prom. 14 no. 1:40-46 Ja '60.

Experimental investigation of gas burners with peripheral gas feed. [illegible], [illegible], G. I. [illegible] [illegible] Ja '60.

Improving glass furnace burner design. F. I. Tosilin. Stek. i ker. 17 no. 1:43-45 Ja '60.

GAS CHROMATOGRAPHY

Use of gas chromatography in the manufacture of artificial leather. V. M. [illegible]. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 6:[illegible] '59.

GAS DETECTORS

Perepelitsa, V. K., and I. P. Sklarenko. [Control of mine air composition by means of portable devices] Kontrol' sostava rudnichnoi atmosfery perenosnymi priborami. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 49 p. (Seriia lektsii po tekhnike bezopasnosti)

GAS DISTRIBUTION

(see also subdivision under Krasnodar, Saratov; Ukraine)

Dolodvorskii, IU. M. [Operation of urban gas distribution systems] Ekspluatatsiia gorodskogo gazovogo khoziaistva. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 493 p.

Eliminate shortcomings in operating city gas distribution systems. L. P. [illegible]. [illegible] 1 no. 2:17-18 F '60.

GAS FLOW

Applying the method of local averaging to some problems of nonsteady gas flow. I. G. Portnov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2:144-146 Mr-Ap '60.

Hydrodynamics and the mass-exchange capacity of a centrifugal hollow tower. S. I. [illegible]. Khim. mash. no. 1:21-27 Ja '60.

Melting of a semi-infinite body in a plane or axially symmetrical stream of incompressible gas. G. A. Tirskii. Dokl. AN SSSR 132 no. 4:765-768 Je '60.

Method of characteristics for equilibrium axisymmetric flow of a real gas. V. M. Kuptsov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2:136-140 Mr-Ap '60.

Unsteady one-dimensional motion of gas with a heat supply in a channel of variable cross section. N. N. Popov. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3:19-27 '59.

GAS PRODUCERS

Pulsating flow. IU. Davydov. Nauka i zhizn' 27 no. 1:64 Ja '60.

GAS PURIFICATION

Acoustic coagulation of sulfuric acid mist. M. L. Varlamov and others. Zhur. prikl. khim. 33 no. 1:14-20 Ja '60.

Gas purification in blast furnaces operating at high pressures with an enriched blast. Stal' 20 no. 2:183-189 F '60.

Treatment of blast furnace gas purification slimes at the Kuznetsk Metallurgical Combine. P. A. Baryshnikov, M. N. Kolosdina. Tsvet. met. 33 no. 1:57-58 Ja '60.

GAS PURIFICATION—EQUIPMENT AND SUPPLIES

Heat engineering [illegible] cyclones for gas-purifying installations (conclusion). Prom. energ. 15 no. 2:56-3 of cover F '60.

GAS TURBINE DISKS

Calculating the vibration and critical number of revolutions of turbomachine disks taking into consideration the blade effect. D. V. Khronin. Izv. vys. ucheb. zav.; av. tekh. 3 no. 1:110-118 '60.

GAS-TURBINE LOCOMOTIVES

(see also subdivision under Kolomna)

Gas turbine locomotives. V. Vodolazhchenko. Nauka i zhyttia [illegible] no. 9:12-13 S '59.

Investigating the starting of gas turbine locomotives with an electronic model. I. P. Bolinov, V. V. Kletnenov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 1:16-29 '60.

Nikolaev, I. I. [Gas-turbine locomotives; lecture on "Construction and dynamics of locomotives (diesel)" for students of the fifth course specializing in "Diesel locomotives, their operation, equipment and maintenance"] Gazoturbovozy; lektsiia po distsipline "Konstruktsiia i dinamika lokomotivov (teplovozy)" dlia studentov V kursa spetsial'nosti "Teplovozy i teplovoznoe khoziaistvo." Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 40 p.

GAS TURBINES

(see also subdivision under Leningrad)

Approximate method for calculating the combined operation of a gas turbine and a compressor. V. I. Fedorov. Trudy Inst. tepl. AN URSR no. 16:47-53 '59.

Calculating the variable duty of a gas turbine installation with a split shaft. P. S. Bedrier, Kh. N. Cherniu. Energomashinostroenie 6 no. 2:9-11 F '60.

Gas turbine installations with regeneration at elevated pressure of the heating gas. V. M. Datskovskii. Trudy Inst. tepl. AN URSR no. 7:35-48 '52.

Investigating the local heat transfer of a gas turbine profile. G. S. Ambrok. Energomashinostroenie 6 no. 2:29-31 F '60.

Method of thermal calculation of a rotating heat exchanger for a gas turbine motor. IA. E. Tsukovich. Energomashinostroenie 6 no. 2:17-21 F '60.

Theoretical investigation of the heating process in the blades and disks of a divided flow turbine. A. F. Shtyrlin. Izv. vys. ucheb. zav.; av. tekh. 4 no. 1:137-150 '60.

GAS WELDING AND CUTTING

Bazhenov, I. A., and V. F. Kuryshov. [Kerosene cutter] Kerosinorezchik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 65 p.

Galaktionov, A. T. [Equipment for gas welding and cutting] Oborudovanie dlia gazovoi svarki i rezki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 35 p. (Nauchno-populiarnaia biblioteka rabochego-svarshchika, no. 7)

Mobile electric and oxyacetylene welding unit. L. Magid. Zhil.-kom. khoz. 10 no. 1:27-28 '60.

Nikitin, M. S., and L. Z. Dolgitser. [Brief handbook on gas welding and cutting] Kratkii spravochnik gazosvarshchika i gazorezchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 692 p.

Scientific Technological Conference on problems of the flame machining of metals. Avtom. svar. 13 no. 2:91-95 F '60.

This is important. A. Rodakov. Pozh. delo 6 no. 1:6 Ja '60.

GASES

Accumulation of inert gas components in the ammonia synthesis cycle. O.V. [illegible] [illegible] Khim. prom. [illegible]

Determination of the amount of gases contained in [illegible] [illegible]

Highly productive equipment for the study of gas [illegible] L.A. Andreev, N.I. [illegible], A.A. [illegible] Trudy [illegible] [illegible]

GASES--ANALYSIS

Composition of technological gases in carbon disulfide production. R.M. Levit, V.S. [illegible] Khim. volok. no.[illegible] '59.

Methods of collecting, degassing, and analyzing gases [illegible] [illegible] [illegible]

GASES, KINETIC THEORY OF

Free energy calculation for a gas of low density. [illegible] Dokl. AN SSSR [illegible] [illegible]

GASES, RARE

[illegible]

GASES IN METALS

[illegible]

[illegible] of gases from electrolytic nickel. A.I. [illegible] [illegible]

GASES IN MINES see Mine gases

GAS LIFT [illegible]

Effect of land improvement measures on the water and air balance of [illegible] [illegible]

[illegible]

GASOLINE SERVICE STATIONS see Service stations

GAS [illegible] see [illegible]

GA [illegible] JUICE

Investigating the [illegible] [illegible] juice. [illegible]

GAS [illegible]

[illegible]

GATCHINA DISTRICT--COLLECTIVE FARMS

[illegible]

GAUGE--MEASUREMENT

[illegible]

GAUSS, KARL FRIEDRICH, 1777-1855

[illegible]

GAVRILOV, ANATOLII NIKOLAEVICH, 19[illegible]

[illegible]

GEAR CUTTING

[illegible]

GEAR CUTTING MACHINES

[illegible]

[illegible]

MINING--TECHNOLOGICAL [illegible]

[illegible]

Dynamic loads in gear [illegible] N.A. Kovalev [illegible] [illegible] [illegible]

[illegible]

M.I. [illegible] [illegible]

Mikhailov, [illegible] and A.I. [illegible] [illegible] for mining machinery] [illegible] Moskva, [illegible] [illegible] 1959. 234 p.

[illegible]

[illegible]

[illegible]

GEARING--[illegible]

[illegible]

GEARING, [illegible]

[illegible]

GEARING, [illegible]

[illegible]

GEARING, [illegible]

[illegible]

GE[illegible]

[illegible]

GE[illegible]

[illegible]

GELATIN

[illegible]

GELATIN ANALYSIS

[illegible]

GELATIN DRYING

[illegible]

GENERALIZED [illegible] see [illegible]

[illegible]

GEOGRAPHY—GRAPHIC METHODS

Graphic method in geography lessons. [illegible] Geog.v shkole 21 [illegible]

GEOGRAPHY—STUDY AND TEACHING

"Bulletin-letters and [illegible] geography lessons. [illegible] for teachers by M. [illegible] M.Chumaeva [illegible] Geog.v shkole [illegible]

Discussion of [illegible] and others. Geog.v shkole [illegible]

Forming [illegible] first grade. A.M. [illegible]

Methods for [illegible] lessons. V.I. [illegible] Ja-F '60.

"New viewpoints in geography" [illegible] by N.Baranskii. Geog.v [illegible]

Students [illegible] shkole [illegible]

GEOGRAPHY, ECONOMIC

Across the [illegible] '60.

Baranskii, N.N. [illegible] graphy] [illegible] kartografii. Moskva, [illegible] 450 p.

GEOGRAPHY, ECONOMIC—MAPS

[Atlas of the U.S.S.R. [illegible] economic geography] Atlas [illegible] geodezii i kartografii [illegible]

GEOGRAPHY, HISTORICAL [illegible] Province

GEOGRAPHY, HISTORICAL—MAPS

Pokshishevskii, A. [illegible] world. [illegible] red. A.V. [illegible] kartografii MVD [illegible]

Using [illegible]

GEOLOGICAL [illegible]

Republic [illegible]

GEOLOGICAL TIME

Determination [illegible] (C^{14}), Rep. [illegible] Vinogradov [illegible]

Eighth report [illegible] Polevaia [illegible]

Radioactive equilibrium [illegible] of the [illegible] Trudy [illegible]

GEOLOGY

(See also [illegible] Caucasus [illegible] Kazakhstan [illegible] Murmansk Province [illegible] Russia, Northern [illegible])

Bulakov, [illegible] Moskva [illegible]

Geological [illegible]

Piezoelectric effect [illegible] in geology [illegible]

"Studies on the [illegible] viewed by I.V. [illegible] 171-173 '59.

Tikhomirov, V.V. [illegible] of the 19th [illegible] 19 [illegible] Moskva [illegible] 1959 [illegible]

GEOLOGY—ABSTRACTS

[Geology abstracts [illegible] Geologiia [illegible]

GEOLOGY, HISTORICAL [illegible] Geology

GEOLOGY—MAPS

Problems of and trends [illegible] U.S.S.R. [with summary [illegible] skii, A.V.Gorkovets, [illegible] no.12 [illegible]

GEOLOGY, STRATIGRAPHIC

formations and [illegible] Alazan Valley, Andor Valley, [illegible] Valley, Caucasus, Northern, [illegible] Finland, Georgia, [illegible] Valley, [illegible] Mountains, [illegible] Valley, [illegible] Valley, [illegible] Valley, [illegible] Valley, [illegible] Valley, [illegible] Northern [illegible] Valley)

[illegible]

GEOLOGY, STRATIGRAPHIC [illegible]

[illegible]

GEORGIA—COMMERCE

A book on the development of commerce in Georgia ("Outline of the development of Soviet trade in Georgia" by A.A. [illegible] Reviewed by [illegible]). [illegible] 33 no.2 [illegible] '60.

GEORGIA—EARTHQUAKES AND BUILDINGS

Earthquake resistance of rural buildings [in Georgian with summary in Russian]. [illegible] Trudy [illegible] AN Gruz.SSR. 7 [illegible] '60.

GEORGIA—GEOLOGY, STRATIGRAPHIC

[illegible] AN [illegible]

GEORGIA—LIGHTWEIGHT CONCRETE

[illegible]

GEORGIA—PRINTING INDUSTRY

Expansion of the printing industry in Georgia. A.K. [illegible] Poligr. proizv. no.1 [illegible] '60

GEORGIA—RELATIONS (GENERAL) WITH POLAND

Polish [illegible] Nov [illegible]

GEORGIA—TROPICAL PLANTS

[illegible] of Georgian subtropics [with summary in English]. A.V. Vasil'ev. [illegible]

GEORGIAN CHURCH see Orthodox Eastern Church, Georgian

GEORGIAN LITERATURE—HISTORY AND CRITICISM

[illegible]

GEORGIAN [illegible] see [illegible] Uzbekistan

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—[illegible]

[illegible] A.A. [illegible] information [illegible] Moskva, [illegible] Akad. [illegible] 1959. [illegible] p.

GERMAN LITERATURE—STUDY AND TEACHING

[illegible] literature of the German Democratic Republic [illegible] AN [illegible]

GERMAN POETRY—HISTORY AND CRITICISM

[illegible] the creation of the [illegible] 1848 [illegible]

GERMAN [illegible] MOVEMENT see Anti-Nazi [illegible]

GERMAN [illegible]

[illegible] V.M. [illegible] peace treaty with Germany] [illegible] Moskva, [illegible] 1959. [illegible] p.

GERMANIUM—ANALYSIS

[illegible] germanium [illegible] [with summary in English] [illegible] Zhur.anal.khim. 15 [illegible] '60

GERMANIUM—ELECTRIC PROPERTIES

Effect of [illegible] on the electrical properties of [illegible] alloys. [illegible] Fiz. tver. tela [illegible] 1960 [illegible]

Temperature dependence of low frequency conductivity [illegible] germanium. M.I. [illegible] Fiz. tver. tela [illegible] 1960 [illegible]

GERMANIUM—METALLURGY

Separation of nickel from germanium. A.N. [illegible] Fiz. tver. tela [illegible] 1960 [illegible]

GERMANIUM—SPECTRA

[illegible]

GERMANIUM CRYSTALS—ELECTRIC PROPERTIES

Anisotropy of the galvanomagnetic effect in [illegible] germanium crystal at temperatures [illegible] [illegible] A. Allanazarov [illegible] Dokl. AN SSSR [illegible] '60.

GERMANIUM DIODES

[illegible]

GERMANY see subdivision under Europe, Eastern

GERMANY - COMMUNIST PARTY

V. I. Lenin and the German left, 1917-1920 [illegible]

GERMANY - DIALECTICAL MATERIALISM

Potevskii, A. P. [Diffusion and development of Marxist philosophy in Germany during the second half of the 19th century, a lecture for correspondence students in Philosophy. Department of [illegible] university [illegible]] [Moskva] [illegible] 1959. [illegible] p.

GERMANY - FOREIGN ECONOMIC RELATIONS

Rivalry among the imperialist nations [illegible]

GERMANY - HISTORIOGRAPHY

"Problems of [illegible] history of the [illegible] Middle Ages in German historiography [illegible] the end of the 19th century and the beginning of the 20th century [illegible] Reviewed by [illegible]

GERMANY - HISTORY

"The revolution of 1918-1919 in Germany [illegible] Reviewed by [illegible]

Rozanov, G. L. [illegible]

GERMANY, EAST - AGRICULTURE

Andreev, V. V. [Agriculture of the German Democratic Republic] [illegible] Moskva, [illegible] 1959. 155 p.
(Ch)

GERMANY, EAST - BYZANTINE STUDIES

[illegible]

GERMANY, EAST - COAL

Coal in the economy of the German Democratic Republic. [illegible]

GERMANY, EAST - COMMERCIAL EDUCATION

[illegible]

GERMANY, EAST - CONSTITUTIONAL LAW

[illegible]

GERMANY, EAST - [illegible]

[illegible] Republic of Germany [illegible]

GERMANY, EAST - ECONOMIC CONDITIONS

[illegible]

Nikiforov, P. N. [illegible] Unity Party [illegible] Democratic Republic [illegible] Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 155 p.

GERMANY, EAST - ELECTRIC LINES - OVERHEAD

[illegible]

GERMANY, EAST - ELECTRIC RAILROADS - ROLLING STOCK

[illegible], V. I., and A. V. [illegible] the repair [illegible] Repair [illegible] Moskva, [illegible] 1960. 43 p.

GERMANY, EAST - FINANCE

[illegible], N. V. [Finance and credit of the German Democratic Republic] [illegible] Moskva, Gosfinizdat, [illegible] 183 p.

GERMANY, EAST - FOREIGN RELATIONS - RUSSIA

[illegible]

GERMANY, EAST - INDUSTRIES

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - RAILROADS

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, EAST - [illegible]

[illegible]

GERMANY, WEST - [illegible]

[illegible]

GERMANY, WEST - [illegible]

[illegible]

GERMANY, WEST - [illegible]

[illegible]

GERMANY, WEST - [illegible]

[illegible]

GERMANY, WEST - [illegible]

[illegible]

GERMANY, WEST - ECONOMIC POLICY

[illegible] Moskva, [illegible] 1959. [illegible]
(Ch)

GERMANY, WEST - ELECTRIC [illegible]

[illegible]

GERMANY, WEST - FASCISM

[illegible]

GERMANY, WEST - FOREIGN ECONOMIC RELATIONS

[illegible]

GERMANY, WEST - FOREIGN ECONOMIC RELATIONS - UNITED ARAB REPUBLIC

[illegible]

GERMANY, WEST - FOREIGN RELATIONS

[illegible]

GERMANY, WEST - FOREIGN RELATIONS - [illegible]

[illegible]

[illegible]

GERIB, GEORGII [illegible]VICH, [illegible]
G.F.Gerib, obituary. [illegible]

GHANA- SOILS
Soils of Ghana. [illegible] Mosca (FAO) [with summary in [illegible]] Pochvovedenie no.[illegible]

GIARDIASIS
Effectiveness of treating [illegible] with quinacrine and [illegible] [with summary]. [illegible] 45-40 [illegible] '60.

GIBBERELLIC ACID
Effect of gibberellic [illegible] on the growth of [illegible] [illegible]

GIBBERELLINS
Effect of gibberellins on the [illegible] growth and flowering of plants. [illegible] Izv AN Arm. SSR. Biol. [illegible]
Gibberellin, a growth [illegible] 12 no.[illegible] '59.
Gibberellin production [illegible] biological activity [illegible] cultivation [with [illegible]] [illegible]

GIBBS, JOSIAH WILLARD, [illegible]
History of Gibbs' thermodynamics. [illegible] Vop.ist.est.i tekh. [illegible]

GILELS, EMIL GRIGOR'EVICH, [illegible]
Concerts by Emil Gilels [illegible] no.2 [illegible]

GILLS
Morphological features of [illegible] [illegible]

GINSENG
[illegible] English) [illegible]

GIRDERS
(See also subheadings [illegible])
Approximate [illegible] apertures in [illegible]
Calculating [illegible] [illegible]
Contact assembling [illegible] [illegible]
Design of beams [illegible] formulas [illegible]
Determining [illegible] with [illegible]
Discharging [illegible] [illegible]
Elastic plastic deformation [illegible] tures. [illegible] '59.
Experimental study of the bearing [illegible] under alternating [illegible] Raevskaia. [illegible] '60.
Investigating the [illegible] under the effect of [illegible]
Simplifying the [illegible] in designing [illegible] Trudy [illegible]
Using precast [illegible] [illegible]
Zhuravskii, D.I., [illegible] Gos. izd-vo lit. [illegible] tura, 1960. 325 p.

GIRDERS- [illegible]
Designing beams and [illegible] means of electrical [illegible] RIIZhT no.[illegible] '59
Electric analyzers [illegible] beams and [illegible] Trudy RIIZhT [illegible]
Electric analyzers [illegible] G.P.Pukhov, [illegible] '59.
Electrical [illegible] beams. [illegible]
The [illegible] electric analyzer [illegible] frames. [illegible] 45-49 '59.

GL[illegible]
[illegible]

GL[illegible] GAVRIIL [illegible]OVICH, 180[illegible]
[illegible]

[illegible]
[illegible]

GLADIOLUS [illegible]

[illegible]

Use of [illegible] for the [illegible] of glass making. [illegible]
Use of the qualitative spectrum analysis of glass in the study of [illegible] in ancient [illegible] [illegible] '60.
Using silico-organic compounds for the improvement of glass properties [illegible] '60
Vacuum pumps [illegible] of glass [illegible] '60

GLASS MANUFACTURE- EQUIPMENT AND SUPPLIES
[illegible] in the [illegible] mechanization and automatization of glass [illegible] '60

GLASS PAINTING AND STAINING
[illegible] '60

GLASS PIPE, see Pipe, Glass

GLASS REINFORCED PLASTICS
Glass [illegible] in the manufacture of chemical equipment. [illegible] '60

GLASSWARE
Glass [illegible] from the 10th through the 13th century. [illegible] '60.

GLASSWARE, CZECHOSLOVAK- EXHIBITIONS, see subdivision under Moscow

GLAUCOMA
(See also subdivision under Magnitogorsk, Ioshkent)
Effect of [illegible] on the [illegible] curve of [illegible] in primary and [illegible] glaucoma [with summary in English]. [illegible] Vest.oft. [illegible]
Effect of retrobulbar injections of adrenalin with novocaine on intraocular pressure in glaucoma patients. A.A.Voltova. Vest.oft. 72 no.6 [illegible] '59.
[illegible] [with summary [illegible]] Vest.oft. [illegible]
[illegible] glaucoma [illegible]
[illegible] Vest.oft. 72 no.[illegible] '59.
[illegible]
[illegible] glaucoma [with summary in English] [illegible]
[illegible] [with summary [illegible]] Vest.oft. [illegible]
[illegible] glaucoma [with summary [illegible]] Vest.oft. [illegible]
[illegible] the early diagnosis of glaucoma. M.A.Kvalitashvili. Vest.oft. 72 no.[illegible]

GLAZOV- see subdivision under [illegible] [illegible]

GLASS- OPTICAL PROPERTIES
[illegible] A.M.[illegible]

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936
[illegible] Moscow, [illegible]
Vol.1. [illegible] p.

GLAZYRIN
[illegible]

GLIDERS
[illegible]
[illegible]

GLIOMA [illegible]
[illegible]

GLOBUS ASIATICUS, see [illegible] [illegible]

GLOBULIN

Nonspecific inhibitors of influenza viruses in sera of febrile patients [with summary in English]. V. M. Slakhimova. Vop. virus. 3 no. 6:367-371 N-D '57.

GLUBOKAYA PRISTAN' (DNIEPER VALLEY)—TERRA COTTAS

A terra cotta figurine of a comic actor from Glubokaya Pristan'. A. N. Shcheglov. Sov. arkheol. 4 no. 1:257-260 '60.

GLUCONIC ACID

Complexes formed by gadolinium, yttrium, and ytterbium with gluconic acid. N. A. Kostromina. Ukr. khim. zhur. 26 no. 1:3-9 '60.

Complexes of cerium, neodymium, and samarium with gluconic acid. N. A. Kostromina. Zhur. neorg. khim. 5 no. 1:95-101 Ja '60.

GLUCOSE PHOSPHATES

Effect of hexose phosphates on the growth and certain metabolic reactions in dysentery bacteria and Escherichia coli [with summary in English]. [illegible] Chernyshkova. Biokhimiia 24 no. 6:1020-[illegible] N-D '59.

GLUE

BF-2 glue for the repair of machinery parts. [illegible] no. 1:47 '60.

Determining the concentration of hide glue by the refractometric method. [illegible] V. V. Gorlo[illegible]. Zav. lab. 26 no. 1:[illegible] '60.

Fedeniuk, V. G. [Methods of making glued seams in assembling clothing sections] Metody kleevogo soedineniia detalei shveinykh izdelii. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 140 p.

GLUING

Investigating the strength of glued seams in [illegible]. A. V. Alekseev. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 6:[illegible] '59.

GLUTAMIC ACID

Glutamic acid treatment of mental retardation in children [with summary in English]. [illegible] Pediatriia 37 no. 12:[illegible] D '59.

New amide in tea. V. R. Popov. Biokhim. chain. proizv. no. 7:[illegible] '59.

GLUTAMINE

Changes in the ammonia and glutamine content of the brain in rats after the administration of [illegible] and caffeine and [illegible] [with summary in English]. [illegible]

GLUTARIC ACID

Complexes of indium with trihydroxyglutaric acid. [illegible] Davidenko. Zhur. neorg. khim. [illegible]

Microdetermination of boron by means of a complex compound of trihydroxyglutaric acid [with summary in English]. A. V. Ablov, D. G. Batyr. Zhur. anal. khim. 15 no. 1:[illegible] Ja-F '60.

GLUTATHIONE

Cholinesterase activity, glutathione content, and cell permeability in gastric ulcer. [illegible] Kaz. med. zhur. 40 no. 6:[illegible] N-D '59.

GLUTEN

Changes in gluten during [illegible]. I. M. Roiter, [illegible]

Determining the quality of gluten [illegible] '59.

Dewatering [illegible] gluten. [illegible] prom. [illegible]

GLYCEROL

Butyric fermentation in a synthetic medium containing pyruvic acid and glycerol. I. G. Azova. Dokl. AN SSSR 132 no. 4:915-917 Je '60.

GLYCIDOL

Reactions of p-halobenzenesulfonamides with glycidol and with glycerol α-chlorohydrin. N. P. [illegible]. Trudy VGU 57:135-[illegible] '59.

Unsymmetrical organic α-oxides. Part 13: Syntheses employing the ethyl ether of glycidol. F. G. Ponomarev. Trudy VGU 57:149-154 '59.

GLYCINE

Effect of ribonucleic acid and its hydrolysates on the inclusion of glycine labeled with C^{14} in proteins of normal and tumor tissues [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no. 11:65-69 N '59.

Hydrolysis of p-nitrophenyl esters of glycine, glycylglycine, and diglycylglycine, and their carbobenzoxy derivatives. K. T. Poroshin, Iu. I. Khurgin, M. G. Dmitrieva. Dokl. AN SSSR 132 no. 1:[illegible] My '60.

New data on complexes of divalent platinum with glycocoll. I. M. Volshtein, I. O. Volodina. Zhur. neorg. khim. 5 no. 1:35-38 Ja '60.

GLYCOGEN

Glycogen content [illegible] development. [illegible] Arm. [illegible] Biol. [illegible]

GLYCOLS

[illegible]

GLYCOLYSIS

[illegible]

[illegible]

GOLD MINES AND MINING [illegible]

[illegible]

GORKIY—EVENING AND CONTINUATION SCHOOLS
University training for industrial economists. S. I. Prokhorov. Vest. vys. shkoly 17[i.e. 18] no. 5:16-18 My '60.

GORKIY—INDUSTRIAL HYGIENE
Here is the guarantee of [illegible] [illegible]. Okhr. truda i sots. strakh. [illegible] no. 1:11 [illegible] '60.

GORKIY—PUPPETS AND PUPPET PLAYS
What do you think of wooden moulding? A. Kobrina. Teatr. zhizn' no. 21:16-17 D '60.

GORKIY—SKATING
Their emblem in [illegible]. A. [illegible] [illegible] no. 4:18-19 '60.

GORKIY—TECHNICAL EDUCATION
Achievements of the Gorkiy Polytechnic Institute and problems facing the teachers. [illegible] Trudy GPI 14 no. 1:5 [illegible] '58.

GORKIY—THEATER
"This is mine." O. Remez. Teatr 21 no. 2:81-84 F '60.

GORKIY PROVINCE—OFFENSES AGAINST RELIGION
Anticlerical and antireligious attitudes of farmers in Nizhniy Novgorod Government at the beginning of the 20th century. N. A. [illegible]. Vop. ist. rel. i ateiz. no. 7:110-127 '59.

GORKIY PROVINCE—TECHNOLOGICAL INNOVATIONS
Conference of innovators. A. Chernyshev. [illegible] 14 no. 1:18 [illegible] '60.

GORKIY RESERVOIR—BENTHOS
Bottom fauna of Gorkiy Reservoir during its first year of existence. F. D. Mordukhai-Boltovskoi, A. I. [illegible] Trudy Inst. biol. vodokhran. no. 2 [illegible]

GORKIY RESERVOIR—TURBIDITY
Transparency and turbidity of water in Gorkiy Reservoir. N. V. Butorin. Trudy Inst. biol. vodokhran. no. 2:[illegible] '59.

GORKIY RESERVOIR REGION—AFFORESTATION
Plant forests along the shores of the Gorkiy [illegible] N. A. Bronnikov. Les. khoz. [illegible]

GORLOVKA—WOOD CARVING
Worker and wood carver. [illegible] [illegible] F '60.

GORNAYA SHORIYA—FAULTS (GEOLOGY)
Fracture tectonics and its effect [illegible] [illegible] Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no. [illegible] 140 '56.

GORNAYA SHORIYA—GABBRO
Colloform formations of [illegible] Gornaya Shoriya and their [illegible] Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR [illegible] [illegible] '56.

GORNAYA SHORIYA—GRANITE
Age of granites in the [illegible] Gornaya Shoriya. A. [illegible] Zap.-Sib. fil. AN [illegible]

GORNAYA SHORIYA—ROCK MECHANICS
Investigating the forces of [illegible] internal friction in [illegible] naya Shoriya. [illegible] Inst. gor. dela [illegible] AN [illegible]
Results of testing [illegible] ore mining. [illegible] Trudy Inst. gor. dela [illegible] 213-220 '58.

GORNAYA SHORIYA—MOLYBDENUM
Colloform formations of [illegible] Gornaya Shoriya and [illegible] Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR [illegible] 88 '56.

GORNO-BADAKHSHAN AUTONOMOUS PROVINCE—BIRDS—FOOD
Feeding of birds on [illegible] A. [illegible] AN [illegible] '58.

GORODISHCHE (KEMEROVSKAYA PROVINCE)
[illegible] the excavations of [illegible] [illegible] Zvan. [illegible]

GORODSK—IRON—METALLURGY
Archaeological excavations [illegible] hearths dating [illegible] M. I. Makarevich. Krat. [illegible] no. 8:173-174 '59.

GORODTSOV, VASILII ALEKSEEVICH, 1860-1945
On the 100th anniversary of V. A. Gorodtsov's [illegible] Krainov. Sov. arkheol. 4 no. [illegible] 173 [illegible]

GOROKHOVETS (VLADIMIR PROVINCE)—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations in [illegible] Krat. soob. IIMK no. 76:84-89 '59.

GRADING AND MARKING (STUDENTS)
(see also subdivision under Kuntsevo)
In search of new methods of checking knowledge. E. I. Malyshev, A. G. [illegible]. Vest. vys. shkoly 17[i.e. 18] no. 5:16-19 My '60.

GRADIZHSK DISTRICT—ANTIQUITIES
Archaeological studies of the ancient settlement of Voinsk. [illegible] [illegible] no. 1:119 [illegible] '60.

GRADIZHSK DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION
In every collective farm family they receive newspapers and magazines. [illegible] [illegible] '60.

GRAFTING
Formation and transformation of alkaloids during grafting. [illegible] [illegible] [illegible]
Reproduction of vegetative hybrids and their progeny from seeds. [illegible] Agrobiologiia no. 1:111-[illegible] '60.
Role of grafting in increasing the crossability of Nicotiana species. M. I. [illegible], A. K. [illegible] Dokl. AN SSSR 131 no. [illegible] '60.

GRAFTIO, GENRIKH OSIPOVICH, 1869-1949
Noteworthy dates of great technical and scientific [illegible] M. [illegible] [illegible]

GRAIN
Agricultural implements and cereal grain findings at the site of ancient villages of the Chernyakhov type. P. A. [illegible]. Krat. soob. IIMK no. [illegible] '60.
Attack [illegible] Novyi mir 36 no. 1:107 [illegible]
[illegible] M. V. [illegible] [illegible]
Make [illegible] for increasing the production of grain. [illegible] Zemledelie [illegible] no. 2 [illegible]
[illegible] 200 [illegible] Kiev, Gos. izd. s.-kh. lit. USSR, 1959. 57 p.

GRAIN—CLEANING
[illegible] developed by the All-Union Scientific Research Institute for the Mechanization of Agriculture. [illegible] Biul. nauch.-tekh. inform. [illegible]
[illegible] coefficient of [illegible] [illegible]
[illegible] Biul. [illegible] no. 17 [illegible]
[illegible] cleaning machines. N. A. [illegible] [illegible]

GRAIN—DISEASES AND PESTS
[illegible] Trudy [illegible]
[illegible] for 1960. [illegible] no. 2:20 [illegible] '60.

GRAIN—DRYING
[illegible] developed by the All-Union [illegible] for the Mechanization of Agriculture. [illegible] Biul. nauch.-tekh. inform. [illegible]
[illegible] cleaning machines. N. A. [illegible]
[illegible] for drying seed grain in the dryer. [illegible] Biul. nauch.-tekh. inform. [illegible] 17:40-42 '57.

GRAIN—FERTILIZERS AND MANURES see subdivision under Tatariya

GRAIN—HARVESTING
Harvesting of all grain in separate stages. M. G. Vasilevich. Trakt. i sel'khozmash. 30 no. 2:10-11 F '60.
Most favorable conditions for harvesting grain crops in separate stages. [illegible] Biul. nauch.-tekh. [illegible] no. 1/4:11 '57.
[illegible]
[illegible] of harvesting grain and grain [illegible] P. A. Nikolaev. Trudy LSMI [illegible]

GRAIN—STORAGE see subdivision under Kakhovka

GRAIN—TRANSPORTATION
Better organization of grain transportation and the location of granaries. G. V. Molibarchuk, T. A. Pakhomova. [illegible] 32 [illegible] '60.
[illegible] for the efficient transportation [illegible] Rech. transp. 19 [illegible]

GRAIN—VARIETIES
Biological nature of dual purpose plants. A. A. Avakian. Agrobiologiia no. 1:37-41 Ja-F '60.

GRAIN ELEVATORS
Automatic grain elevator. I. P. Kashcheev. Mekh. i avtom. proizv. 14 no. 2:14-17 F '60.
Better organization of grain transportation and the location of granaries. G. V. Molibarchuk, T. A. Pakhomova. Zhel. dor. transp. 42 no. 2:30-32 F '60.
Role of elevator storage equipment for the efficient transportation of grain cargoes. V. Lomin. Rech. transp. 19 no. 1 [illegible] Ja '60.

GRAIN HANDLING MACHINERY
PII-60 grain loader and piler. A. M. Borisov. Trakt. i sel'khozmash. 30 no. 2:35-36 F '60.

GRAIN TRADE—FINANCE
Changing the procedures for verifying the security of grain procurement organizations. A. Riabkov. Den. i kred. 18 no. 5:60-61 My '60.

GRAMMAR, COMPARATIVE AND GENERAL
Basic aspects of syntactical grouping; predicate groups. I. I. Meshchaninov. Izv. AN SSSR. Otd. lit. i iaz. 19 no. 6:400-409 N-D '60.

GRAMMAR, COMPARATIVE AND GENERAL—TERMINOLOGY
Marouzeau, Jules. [Dictionary of linguistic terms. Translated from the French] Slovar' lingvisticheskikh terminov. Moskva, Izd-vo inostr. lit-ry, 1960. 435 p.
(C 1)

GRAMSCI, ANTONIO, 1891-1937
Antonio Gramsci on art ("Selected works in three volumes" by Antonio Gramsci. Reviewed by A. Lebedev). Novyi mir 36 no. 5:247-250 My '60.

GRANITE
(see also subdivision under Arabian Shield, Gornaya Shoriya)
Origin of granitic magmas. [illegible] Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no. 17, [illegible] '56.

GRAPES
(see also subdivision under Odessa region)
Archaeological findings of grape seeds. A. M. Negrul'. Sov. arkheol. 4 no. 1:111-116 '60.
Treating grapes with high frequency electric current before pressing. G. N. Gorbik, B. M. Motov. Kons. i ov. prom. 15 no. 1:10-11 Ja '60.

GRAPES—VARIETIES
(see also subdivision under Bulgaria; Ukraine)
Effect of the length of days on the growth of various grape varieties. G. Altowaldt. Agrobiologiia no. 1:57-63 Ja-F '60.

GRAPHIC ARTS—EXHIBITIONS see subdivision under Kiev, Moscow

GRAPHIC ARTS, SWEDISH—EXHIBITIONS see subdivision under Moscow

GRAPHIC METHODS
Graphic representation and analysis of experimental data. A. P. Bragina. Biul. MOIP Otd. biol. 64 no. 6:101-103 N-D '59.

GRAPHITE
Kinetics of the oxidation of graphite by hypochlorite and hypochlorous acid. O. [illegible], Z. V. Solovei. Zhur. prikl. khim. 33 no. 1:279-281 [illegible] '60.
Statistical thermodynamic calculation of the adsorption equilibrium of argon on graphite. A. V. Kiselev, D. P. Poshkus. Dokl. AN SSSR 132 no. 4:876-879 Je '60.

GRASSES
(see also subdivision under Dzhezkazgan)
Dissemination of the pollen of gramineous plants by air. N. V. Fedorova. Trudy Inst. geog. no. 115 [illegible]
Effect of microrelief on the survival rate of perennial grasses. G. M. Parkov. Vest. sel'khoz. nauki 5 no. 1:141-143 '60.
Microscopic method of evaluating the quality of meadow grasses (with summaries in English, German, and French). V. Regal. Vest. sel'khoz. nauki 5 no. 1:113-120 '60.
Selecting grass mixtures for crop rotations which include hemp. M. O. Krasnoselovskiy. Vissnyk sil's'kohospodars'kiy nauky 4 no. 2:36-39 F '60.
Some morphological characteristics of the pollen of cultivated gramineous plants. N. V. Fedorova. Trudy Inst. geog. 77:166-186 '59.

GRASSES—HARVESTING
Technological principles of harvesting grain and grasses and [illegible] stages. P. A. Nikolaev. Trudy LSMI 5KH [illegible]

GRAVES see also subdivision "Tombs" under Cimmerian Bosporus (Kingdom); Crimean Mountains, Inkerman Valley; Olbia (Borysthenes); Popovtsy (Ternopol' Province)

GRAVITATION

Analysis of the force function of the gravitation of two bodies on the basis of moments of inertia for nonmain and noncentral axes of inertia. M.S IArov-IArovoi Vest. Mosk. un Ser mat., mekh, astron, fiz., khim 14 no 3 55-62 '59

Coordination of posture and movements in man under conditions of increased and lowered gravitation [with summary in English] V S Gurfinkel' and others Biul eksp biol i med 48 no 11 12-18 N '59

GRAVITY

(see also subdivision under Siberia)

Erovar, V.IA. [The forces of gravity and animal morphology] Sily tiazhesti i morfologiia zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 238 p.

Interpretation of gravity anomalies in case of varying densities of surrounding rocks. A.B.Poliakov. Trudy Sverd.gor.inst no.34 121-152 '59.

Pendulum observations of acceleration of the force of gravity made by Litke, Reineke, and Parrot A E Medunin. Trudy Inst.ist.est.i tekh. 28 451-463 '59

Results of verifying by boring the authenticity of a structural map plotted on the basis of gravity observations over a brown coal deposit A IA.IArosh, A.B. Poliakov. Trudy Sverd gor inst. no.34 99-103 '59.

Shokin, P F [Gravimetry, apparatus and methods for gravity measurements] Gravimetriia, pribory i metody izmereniia sily tiazhesti. Moskva, Izd-vo geodez lit-ry. 1960 315 p

GRAVITY—MEASUREMENT

History of gravimetry in Russia in the 18th century. A.E. Medunin Vop.ist.est.i tekh. no.7 130-135 '59.

GRAY MULLETS see subdivision under Black Sea

GREAT BRITAIN—ANNEALING OF METALS

Cyclic heat treatment of forgings in automatic tunnel furnaces (from "Metal Treatment" no 164, 1959). E S. Levinzon. Stal' 20 no.2 159 F '60.

GREAT BRITAIN—BOOK DESIGN

Remarks on artistic aspects of book manufacture in England V V Popov, S B Telingaters Poligr proizv no 1:22-25 Ja '60

GREAT BRITAIN—BORING MACHINERY

Machinery for boring foundation holes for contact-system supports. Transp stroi 9 no.12 51-52 D '59

GREAT BRITAIN—CLOTHING INDUSTRY

Crisis of the clothing industry in England on the eve of the bourgeois revolution of the 17th century [with summary in English] N.M.Meshcheriakova. Sred veka. no.15 51-65 '59.

GREAT BRITAIN—COLONIES—AFRICA see Africa—British colonies

GREAT BRITAIN—COMMERCE—RUSSIA

Development of trade between Russia and Great Britain after the Crimean War (1856-1858). A.G.Apollov. Nauch.dokl.vys.shkoly,ist nauki no.4 67-81 '59.

GREAT BRITAIN—COMMUNISM

Development of Marxist ideas in England in the early 20th century (1900-1917). A.S.Bogomolov. Nauch.dokl. vys.shkoly; filos.nauki no.4:113-122 '59.

GREAT BRITAIN—CONVEYING MACHINERY

"High-grade" conveyer for inclines Ugol' Ukr 4 no 1 42 Ja '60.

GREAT BRITAIN—DESCRIPTION AND TRAVEL

Seven hundred miles through England Oleksandr Hordii Ukraina no 1 17-19 Ja '60

GREAT BRITAIN—DUST COLLECTORS

Dust collector of sugar dust (from "International Sugar Journal," p 350, 1959). L.Shenshelevich. Sakh prom. 34 no.2 76 F '60.

GREAT BRITAIN—ECONOMIC CONDITIONS

Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. [Great Britain; economic survey] Velikobritaniia, ekonomicheskii obzor. Moskva, 1960. 658 p.

GREAT BRITAIN—EMBEZZLEMENT

When a fox preaches N Slonov Sots.zakon. 37 no 3 92-93 Mr '60

GREAT BRITAIN—FLOUR—STORAGE

Unit for the bulk storage of flour and for its pneumatic-tube transportation N E. Morev Khleb i kond prom 4 no 2 37-39 F '60.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—CHINA

The Peking Conference of Representatives, 1900-1901, and imperialist England's struggle to strengthen its position in China. S.G. Livshits. Nauch.dokl.vys. shkoly;ist nauki no.4:155-172 '59.

GREAT BRITAIN—FOREIGN RELATIONS

The struggle of the British workers for a higher living standard and for peace during the period of the fourth Labor Government 1950-1951. G.A.Khudoiatov. Vest. Mosk.un Ist.-filol. ser. 14 no.4:65-84 '59.

GREAT BRITAIN—FOREIGN RELATIONS—AFRICA

Macmillan in Africa L Stepanov Nov vrem 18 no 7 14-15 F '60

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA

Krasil'nikov, A.N. [English policy toward the U.S.S.R. in 1929-1932] Politika Anglii v otnoshenii SSSR., 1929-1932 gg. Moskva, Gos izd-vo polit. lit-ry, 1959. 306 p.

Personal contacts are the right road to peace ("Pilgrims' Progress in Russia" [in English] by Emrys Hughes. Reviewed by V.Tulov). Novyi mir 36 no 1 275-277 Ja '60.

Roginskii, Z.I. [Journey of the messenger, Gerasim Semenovich Dokhturov, to England during 1645 and 1646, history of Anglo-Russian relations during the English revolution of the 17th century Poezdka gontsa Gerasima Semenovicha Dokhturova v Angliiu v 1645-1646 gg., iz istorii anglo-russkikh otnoshenii v period angliiskoi revoliutsii XVII veka. IAroslavl' IAroslavskii gos pedagog in- im K.D Ushinskogo, 959. 60 p.

GREAT BRITAIN—FOREIGN RELATIONS—UNITED STATES

The United States and the Boer War I A Nikitina. Nov i noveish ist no 1:40-52 '60

GREAT BRITAIN—HYDROPLANE BOATS

Ship propulsed above the sea surface [from "Shipbuilding and Shipping Record," no 23, 1959]. N. Mel'kov Rech. transp. 19 no.1,3 of cover Ja '60.

GREAT BRITAIN—IRON INDUSTRY

A study of the denationalization of Great Britain's ferrous metallurgy industry by the Conservatives, 1953-1957 B.V.Noskov. Nauch dokl.vys.shkoly;ist.nauki no.1 122-136 '59.

GREAT BRITAIN—JOURNALISM

A vocabulary study of the first English newspaper articles about Soviet Russia [with summary in English] N.N. Amosova Vest LGU 15 no 8:116-128 '60.

GREAT BRITAIN—LABOR AND LABORING CLASSES

The struggle of the British workers for a higher living standard and for peace during the period of the fourth Labor Government 1950-1951 G A.Khudoiatov. Vest. Mosk.un. Ist.-filol. ser 14 no 4:65-84 '59.

GREAT BRITAIN—LOCOMOTIVES

Switcher motor-locomotives with a hydraulic drive Zhel dor transp 12 no 2 90 F '60.

GREAT BRITAIN—MANPOWER—STATISTICS

Balance of labor under the capitalist economic system. L.E.Mints Uch.zap.po stat. 5:22-36 '59.

GREAT BRITAIN—MOTION-PICTURE PLAYS

Questions without answers. M.Turovskaia. Isk.kino no.2:126-133 F '60.

GREAT BRITAIN—PNEUMATIC-TUBE TRANSPORTATION

Unit for the bulk storage of flour and for its pneumatic-tube transportation N E Morev Khleb i kond prom. 1 no 2 37-39 F '60

GREAT BRITAIN—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

What concerns British men of letters. Inostr.lit. no.12: 218-219 D '59.

GREAT BRITAIN—RELATIONS (GENERAL) WITH RUSSIA

Scientific and technical contacts of our society. V.A. Venikov. Kul't.i zhizn' 4 no.1:20-22 '60.

GREAT BRITAIN—RELIGION

Time breaks traditions. IU.A.Levada. Nauka i zhizn' 27 no 1:53-58 Ja '60.

GREAT BRITAIN—THEATER

"Drama and reality in Shakespeare's era" [in German] by Robert Weimann. Reviewed by R.Samarin. Vop.lit. 4 no.1:228-231 Ja '60.

Meetings with old and new acquaintances. A.Obraztsova. Teatr 21 no.2:171-177 F '60.

GREBENKI DISTRICT—STOCK AND STOCKBREEDING

Doing an important work. P.Rudin Kolh.Ukr. 7 no.2 13-14 F '60

GREECE—DESCRIPTION AND TRAVEL

Where Glazos was born; travel notes. O.Bordadyn. Znan.-sila 35 no.2:35 F '60.

GREECE—FOREIGN RELATIONS—RUSSIA

Russia and Greece toward the end of the 18th and the beginning of the 19th century. A.M.Stanislavskaia. Ist. SSSR no 1:59-76 Ja-F '60.

GREECE—HISTORY

"Outline history of ancient Greece; a guide for teachers" by K.M.Kolobova, L.M.Gluskina. Reviewed by E.A. Miltior. Vest.drev.ist. no.4:174-178 '59.

GREECE—POLITICS AND GOVERNMENT

Kitsikis, Nikos. [Myth of works carried out. Translated from the Greek] Mif o provedennykh rabotakh. Moskva, Izd-vo Sotsial'no-ekon. lit-ry, 1960. 60 p.

GREEK FIREARMS

On the history of Greek firearms in ancient Russia. V. Vilinbakhov. Sov arkheol. 1 no.1 284-288 '6

GREEK LITERATURE—TRANSLATIONS INTO SLAVIC LANGUAGES

A study of the language of Slavic translations of Greek literary works. The "hypotactic" construction of the Slavic-Russian translation of "Alexander." M.M.[illegible] lenko. Viz. vrem 16:82-91 '59.

GREEK PHILOLOGY

The term "sophist" applied to the lexicographers of Apollonius and Timaeus. A Zaitsev [illegible] no 2 143-145 '59.

GREEK PHILOSOPHERS see Philosophers, Greek

GREEK TEMPLES see Temples, Greek

GREEKS see subdivision under Bactria, India

GREENHOUSES

Phytotron. S.Khinvna. IUn.nat. no.2:24-25 [illegible]

Students build a greenhouse K.M Panfilo[illegible] obuch. no 12 47-51 D '59

GREENHOUSES—HEATING AND VENTILATION

Heating a hothouse with boiler room exhaust [illegible] Spirichev, V.I., Krasheninnikov. Prom energ 15 no 2:20 [illegible] '60.

GREGARINIDA

Cytological study of the different stages in the life cycle of gregarines from dragonfly larvae. G.A.Shtein. TSitologiia 2 no.1:74-87 Ja-F '60.

GREGORY, JAMES, 1638-1675

"Early mathematical works of James Gregory [illegible] tesimal calculus" [in German] by Chr.J Scriba. Reviewed by I.IA. Bakhmutskaia. Vop.ist.est.i tekh. no.7 178-179 '59.

GRINDING AND POLISHING

Bilik, Sh.M. [Abrasive wet blasting for machining metals] Abrazivno-zhidkostnaia obrabotka metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 197 p.

Device for scraping bushings N K [illegible] Stan i instr 31 no 2 43 F '60.

Finish and accuracy of petroleum machine parts [illegible] by high-speed grinding. A L.Funberg. Trudy MNI no.20:225-237 '57.

Introduction of the profile grinding method in the manufacture of medical instruments. A.A.Aratiunov. Med prom. 14 no.2:22-27 F '60.

Selecting drive power for a grinding wheel used for internal cut-in grinding M R Resnier Stan i instr 31 no.2 19-21 F '60.

Solov'ev, L.N. [For young grinding-machine operators] V pomoshch' molodomu shlifovshchiku. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959. 73 p.

GRINDING AND POLISHING—VIBRATION

Characteristics of vibrations caused by cut-in grinding V V Puzanov Stan i instr 31 no 2 21 [illegible]

GRINDING MACHINES

Automatic bin feeders for centerless grinding [illegible] P.A.Zabrodskii. Mod metallorezh.stan [illegible] '58.

Automatic feeder for centerless grinding [illegible] metallorezh. stan. no.2:20-23 '58.

Bin charging device for grinding cylindrical parts [illegible] 1.5 to 5 mm. diameter rollers. M.O.P[illegible] tallorezh.stan. no.2,7-9 '58.

Charging device for feeding rollers for centerless grinding machines. Mod. metallorezh.stan. no.2 [illegible]

Charging device for the 2-type centerless grinding machine made by the Cincinnati Company for [illegible] valve seats. M.M.Shiferson. Mod.metallorezh.stan. no.2,3-6 '58.

Modernization of grinding machines and fitting [illegible] for high-speed grinding of petroleum machine parts A.L.Funberg. Trudy MNI no.20:212-224 '57.

Needle-roller charging device for the "Multimat" [illegible] less grinding machine. E.A.Perl'shtein. Mod.metallorezh.stan. no.2:10-13 '58.

New method for fixing abrasives on wheels in grinding wooden products. Rats.i izobr.predl.v stroi. no.[illegible] 69-70 '59.

The 3180 type universal centerless grinding ma[illegible] E.M.Ginzburg. Biul.tekh.-ekon.inform. no.1 [illegible] '60.

The 3866 type centerless abrasive-belt grinding and polishing machine. M.S.Khitruk. Biul.tekh.-ekon. inform. no.1:28-30 '60.

The UGT-1 type machine for hydro-abrasive [illegible] pipes. O.M.Gel'fel'd. Biul.tekh.-ekon.inform. no.1 30-32 '60.

GRINDING MACHINES—ATTACHMENTS

Charging device for centerless grinding machines R M Bordovskaia Stan i instr 31 no 2 44 F '60

GRINDING MACHINES—ELECTRIC DRIVING
Selecting the type of the main electric drive of grinding machines. V. A. Naidin, V. M. [illegible]. Stan.i instr. 31 no.1:15-17 Ja '60.

GRINDING WHEELS
Accurate and efficient shaping of grinding wheels on flat surface grinding machines. H. M. Maltsev. Vest.mash. 40 no.3:60-61 [illegible] '60.

GRINDING WHEELS—TESTING
Measuring the wear of grinding wheels. M. R. [illegible]. Lit.tekh. no.1:17-19 Ja '60.

GRIPPE see Influenza

GROCERIES—SPECIFICATIONS
Vyshchepan, A. G., and M. P. Mel'man. [Study of food products] Tovarovedenie prodovol'stvennykh tovarov. Moskva, Gos. izd-vo torg. lit-ry, 1960. 100 p.

GRODNO—CIVIC IMPROVEMENT
"I shall see whether I shall carry out your suggestions." V. Onopin. Sov.deput.trud. no.7:71-76 Mr '60.

GRODNO DISTRICT—HOSPITALS, RURAL
In the Dalkovo rural hospital. V. I. [illegible]. Zdrav. Belor. 6 no.3:73 Mr '60.

GROTTHUS, THEODOR, 1785-1822
History of the discovery of the mechanism of the [illegible] of the [illegible] with a theory of its [illegible]. IA. P. Stradin. Vop.ist.est.i tekh. no.7:136-141 '60.

GROUND CHERRIES see Husk tomato

GROUPS, THEORY OF
Bhagavantam, S. [Theory of groups and its application to physical problems. Translated from the English] Teoriia grupp i ee primenenie k fizicheskim problemam. Pod red. N. N. Bogoliubova. Moskva, Izd-vo inostr. lit-ry, 1959. 301 p.
(HPB)
Distributive quasi-groups. [illegible]. Uch. zap. MOZPI no.3:87-93 '59.
Bi-solvable radical of groups. [illegible]. Dokl. AN SSSR 132 no.3:[illegible] My '60.
Semidirect products of groups. G. A. Malyshev. Dokl. AN SSSR 132 no.4:[illegible] '60.

GROUSE
Capercaillie. [illegible] '60.
How hazel grouse [illegible]. V. [illegible]. no.7:[illegible] '60.

GROUTING
New method of grouting water-bearing [illegible]. Shakht. stroi. [illegible]
Rock cementation theory. V. V. [illegible]. Izv. vys. ucheb. zav.; gor. zhur. no.6:[illegible]

GROWTH (PLANTS)
Dynamics of the development of the above-ground part and the root system of cherry trees [with summary in English]. V. V. Malychenko. Biul. MOIP. Otd. biol. 64 no.6:87-97 N-D '59.
Effect of gibberellins and auxins on the growth and flowering of plants. M. Kh. Chailakhian. Izv. AN Arm. SSR. Biol. nauki 12 no.11:3-18 N '59.
Effect of [illegible] the grape [illegible] in the [illegible] region. A. S. [illegible] no.10:[illegible] Ja '60.
Fountain on a table. [illegible] Ja '60.

GROZNYY—NURSES AND NURSING
Nursing councils in [illegible]. A. V. [illegible]. Med. sestra 19 no.2:47-48 F '60.

GRUMM-GRZHIMAILO, GRIGORII EFIMOVICH, 1860-1936—BIBLIOGRAPHY see Bibliography—Grumm-Grzhimailo, Grigorii Efimovich, 1860-1936

GUAIACOL
Boron fluoride as a catalyst in organic chemistry. Part 16: Alkylation of guaiacol and phenols by [illegible] butylene. S. V. Zavgorodnii. Trudy VGU 5 [illegible] '59.

GUELFS AND GHIBELLINES
The Guelfs and the Ghibellines in Florence. The origin, stages and character of their struggle at the end of the twelfth and first half of the thirteenth centuries [with summary in Italian]. [illegible]. Sred. veka no.16:23-48 '59.

GUIANA HIGHLANDS
The last of the "lost worlds." [illegible]. Vokrug sveta no.2:44-46 F '60.

GUIDED MISSILES
Krysenko, G. D. [Rocket control, laboratory works and seminars] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 262 p.

GUIDED MISSILES—DESIGN AND CONSTRUCTION
Effect of changes in the weight and aerodynamic characteristics of the construction of the flying weight of an aircraft. [illegible]. Izv. vys. ucheb. zav.; av. tekh. 3 no.1:[illegible] '60.

GUILDS
(see also subdivision under Venice)
Barber's guilds in White Russia in the sixteenth and seventeenth centuries. V. P. Gritskevich. Zdrav. Belor. 6 no.1:69-71 Ja '60.

GUINEA
Guinea, the second year. Robert Lambotte. Nov. vrem. no.[illegible]:30-31 My '60.

GUINEA—POLITICS AND GOVERNMENT
Establishment of the republican form of government in Guinea. IA. Pliasun. [illegible] pravo no.6:120-128 N-D '59.
Plotting against Guinea. Nov. vrem. 18 no.22:23 My '60.

GUKERA ISLAND—GLACIERS
Cracks on glacier domes. V. N. Ivanov. Probl. Arkt. no.5:151-152 '58.

GULYA REGION (SIBERIAN PLATFORM)—ROCKS, IGNEOUS
Mesozoic "kimberlites" from the Gulya intrusion. [illegible] '60.

GUMS AND RESINS
Increasing wood resin productivity. [illegible]. Gidroliz. i lesokhim. prom. 13 no.1:[illegible] '60.
Neoabietic or levopimaric acid, the primary resin acid in [illegible] (Abies sibirica Ledb.). [illegible]. Zhur. prikl. khim. 33 no.[illegible] '60.
How to lay out a pilot [illegible] for the recovery of wood resin from extraction water. [illegible]. Gidroliz. i lesokhim. prom. 13 no.1:15-16 '60.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUNITE
Using gunite in building chimneys. I. I. IAkovlev. Prom. stroi. 38 no.1:56-58 '60.

GUNPOWDER
[illegible] of a smoke-gas mixture resulting from gunpowder. V. M. Mal'tsev, P. F. Pokhil. Dokl. AN SSSR 131 no.[illegible] My '60.
Pressure of gas and the rate of combustion of black powder [illegible]. [illegible] '60.

GURYEV—FISHERY PRODUCTS—PRESERVATION
[illegible] A. A[illegible]. [illegible] Kazakh. 16 no.1:50-51 Ja '60.

GURYEV PROVINCE—ECONOMIC POLICY
[illegible] 30 no.2:10-14 F '60.

GUSEVA, NADEZHDA
[illegible]

[illegible] VALLEY (MOLDAVIA)—AGRICULTURAL IMPLEMENTS
Agricultural implements and cereal grain findings at the [illegible] villages and the Cherniakhov type. [illegible] '59.

GUS'-KHRUSTAL'NYY—GLASS MANUFACTURE
Pitrinskii, V. V. [Land of the crystal; a story about the past, present and future of the Russian glass city. [illegible]] [illegible]. Moskva, [illegible], 1959. [illegible] p.

GUTTA-PERCHA
Microbiological maceration of eucommia leaves. Report No.2: Causative agent of the "fermentation" of eucommia leaves [with summary in English]. I. I. Balsanova, M. D. Kuz'minskaia, V. M. Kuznetsova. Mikrobiologiia 29 no.1:[illegible]-132 Ja-F '60.
New type of crystal structure in gutta-percha. G. E. Novikova, O. N. Trapeznikova. Fiz. tver. tela 1 no.12:1789-1790 D '59.

GUTTERS
(see also subdivision under Novosibirsk)
Draining snow water from the roofs of heated buildings. V. P. [illegible]. Trudy MIIT no.137:223-229 '60.

GVARDEYSKIY DISTRICT
Work experience of a rural party committee ("Our new achievements, the work experience of the Gvardeyskiy District Party Committee" by I. Grishagin. Reviewed by N. Litvinenko). Part. zhizn' Kazakh. 30 no.1:68-72 Ja '60.

GVARDEYSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Work experience of a rural party committee ("Our new achievements, the work experience of the Gvardeyskiy District Party Committee" by I. Grishagin. Reviewed by N. Litvinenko). Part. zhizn' Kazakh. 30 no.1:68-72 Ja '60.

GYMNASTICS
Certain aspects of beginner training in gymnastics. A. N. Mortovskii. Teor. i prak. fiz. kul't. 23 no.1:72-76 '60.
Gymnasts at the Second Spartakiada of the Peoples of the U.S.S.R. N. K. Popov. Teor. i prak. fiz. kul't. 23 no.1:18-21 '60.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY
Androgenic hormones in gynecological practice. Probl. endok. i gorm. 5 no.6:101-109 N-D '59.
Tasks of obstetrical science. O. V. Makeeva. Vop. okh. mat. i det. 5 no.1:3-7 Ja-F '60.

GYPSUM
(see also subdivision under Tula Province)
Rybin, A. A., and S. L. Shligin. [Soft rocks, their properties, and use] Miagkie kamni, ikh svoistva, obrabotka i primenenie. Moskva, Vses. koop. izd-vo, 1959. 152 p.
Use of the geometric method in solving the problem of the diagenesis of gypsum bearing strata. S. A. Dimov, T. M. [illegible]. Trudy NPI 47:151-157 '58.

GYROCOMPASS
Effect of changes in the temperature of the supporting fluid on the reading of a floating gyrocompass. M. A. [illegible]. Izv. vys. ucheb. zav.; prib. no.4:74-81 '59.
Systematic errors of the GPK-52 instrument and their accounting. A. P. Khokhlov. Izv. vys. ucheb. zav.; prib. no.[illegible]-76 '59.
Using gyrocompasses in laying out railroad routes. A. E. Bochkov. Transp. stroi. 9 no.12:45-46 D '59.

GYROSCOPE
Effect of the inertia of gimbal frames on the motion of the gyroscope mounted on a vibrating platform. D. S. Pel'por. Izv. vys. ucheb. zav.; prib. 2 no.5:[illegible] '59.
Motion in space of an axially symmetrical solid moving about a stationary point under the action of moments slowly changing with time. G. E. Kozmak. Dokl. AN SSSR 132 no.3:549-552 My '60.
Motion of an unbalanced gyroscope, account being taken of friction in supports. IA. L. Lunts. Izv. vys. ucheb. zav.; prib. no.5:63-72 '59.
Problem of the "tilt" of a gimballed gyroscope during its rotation. S. S. Tikhmenev. Izv. vys. ucheb. zav.; prib. 2 no.[illegible] '59.
Stability of a heavy gyroscope during turns. V. N. Skimel'. Izv. vys. ucheb. zav.; prib. 2 no.5:[illegible] '59.

HAGUE—EXHIBITIONS
"World press photo 1959." V. Shmarovskii. Sov. foto 20 no.1:44-46 Ja '60.

HAIR—ANALYSIS
Use of the method of objective photometry in medicolegal analysis of hair. M. A. Vasil'ev, A. N. Kishinevskii. Sud.-med. ekspert. 3 no.1:24-30 Ja-Mr '60.

HAIRDRESSING
Advice on some simple problems. Rab. i sial. 30 no.1:23 Ja '60.

HALAN, IAROSLAV, 1902-1949
"All honest-minded men must be revolutionaries." K. Mitchenko. Sov. Ukr. 9 no.9:115-118 S '59.

HALIDES—OPTICAL PROPERTIES
Temperature studies of the luminescence of halide solutions of heavy metals. M. U. Belyi, B. I. Rud'ko. Izv. AN SSSR. Ser. fiz. 24 no.5:583-586 My '60.

HALL EFFECT
Secondary Hall effect. T. S. Zhuravleva. Izv. vys. ucheb. zav.; elektromekh. 2 no.12:135-140 '59.
Using the Hall effect in semiconductors for an oscillographic evaluation of induction distribution in the air gap of electric motors. S. N. Titov. Trudy MIIT no.122:[illegible] '60.

HALLETT REGION, ANTARCTICA—GEOPHYSICAL RESEARCH
Visiting with the polar explorers of New Zealand in Antarctica. P. D. Astapenko. Inform. biul. Sov. antark. eksp. no.11:[illegible]-15 '59.

HALLSTATT PERIOD see subdivision under Poland

HALOGENATION
Conjugated systems. Part 117: Order of addition of halogens to vinylacetylene hydrocarbons. A. A. Petrov, IU. I. Porfir'eva, T. V. IAkovleva. Zhur. ob. khim. 30 no.5:1441-1444 My '60.

HALOGENS

Rapid methods of analysis for trace elements. Report No. 17: Simultaneous determination of trace amounts of carbon, hydrogen, mercury, and halogen in a single sample of organic matter [with summary in English]. M O Korshun, N. S. Sheveleva, N. E. Gel'man. Zhur anal khim 15 no. 1.99-103 Ja-F '60.

HALOUCHANKA, NADZEIA IVANAUNA

The oldest White Russian artist. D. Maslau. Rab. i sial. 36 no. 1:15 Ja '60

HALS, FRANS, 1584-1666

An interesting find. Iskusstvo 22 no. 5:74 '59.

HAMMERS—PNEUMATIC DRIVING

Determining impact stresses in a pneumatic hammer *K F Kravchenko. Trudy NPI 46 18-42 '58*

HAMSTERS

Geographical variability of the hamster Cricetulus eversmanni Br. (Mammalia, Glires) [with summary in English] I P Mitina Zool zhur 38 no. 12:1869-1875 D '59

HAND—FRACTURE

Restoration of the functional ability of athletes following fractures of the navicular bone of the hand. Z. S. Mironova, A. S. Imamaliev. Azerb. med zhur. no. 1 35-39 Ja '60.

HAND WEAVING see subdivision under White Russia

HANDICAPPED—REHABILITATION, ETC.

Legal problems concerning the job placement of the disabled in the U. S. S. R. A. M. Kuznetsov. Uch. zap. LGU no. 274:83-97 '59

HANDKERCHIEFS

A little about everything. Znan. ta pratsia no. 2:32 F '60.

HAPTENS

Improved method of precipitation reaction with haptene for the accelerated diagnosis of dysentery [with summary in English] E. T. Litovchenko, S. V Drobot'ko. Zhur. mikrobiol. epid. i immun. 31 no 1 92-97 Ja '60.

HARBORS

Shchegolev, V. I. [Radar stations in harbors] Portovye radiolokatsionnye stantsii. Leningrad, Izd-vo "Morskoi transport," 1960. 121 p.

HARBORS—EQUIPMENT AND SUPPLIES

Mechanization of mooring operations in sea harbors A Cherniak Mor flot 20 no 1:14-17 Ja '60.

HARBORS—LIGHTING

Floodlight illumination of port facilities. L. A. Kirpichnikov, M. I. Kharif. Svetotekhnika 6 no. 1:25-28 Ja '60.

HARD FACING

Automatic hard facing of blades of an impeller hydroturbine by means of an electrode strip under flux. F. A. Khomus'ko, B. A. Rabotnov. Avtom. svar. 13 no 1.62-71 Ja '60

Hard facing of shaped grooves on iron mill rolls with use of a master pattern. V K. Kobyzev. Stal' 20 no. 1:68-70 Ja '60

HARDNESS

Analysis of the method of testing for microhardness by scratching according to Bierbaum M. M Khrushchov, M. A. Babichev. *Zav. lab. 26 no. 1 82-87 '60*

New hardness number and the Meyer constants for steel M. S. Drozd. Zav. lab. 26 no 1 90-93 '60

Portable apparatus for determining the hardness of large parts by impression with a diamond pyramid L. M. Feigin Zav lab 26 no 2:233-235 '60.

HARELIP

Dispensary care of children with congenital harelip and cleft palate in Sverdlovsk and Sverdlovsk Province. B. IA. Bulatovskaia. Vop. okh. mat. i det. 5 no. 1:86-88 Ja-F '60.

Organization of medical and prophylactic care for cleft lip and palate. M. D. Dubov. Vop. okh. mat. i det. 5 no. 1.81-85 Ja-F '60.

HARES

Hares. E. Spangenberg. IUn. nat. no. 1:29 Ja '60.

How hares help grouse V. Parkhomenko Ukraina no 3 32 F '60.

HARVESTING MACHINERY

Kuz'mov, N. T. [Efficient use of machinery in harvesting by separate stages] Ratsional'noe izpol'zovanie *mashin na* razdel'noi uborke. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 101 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)
(DA)

Ways of improving technology and machinery for harvesting in separate stages [with summaries in English, German, and French]. IA. M. Zhuk. Vest. sel'khoz. nauki 5 no. 1.103-111 '60.

HATS see subdivision under Khust

HAURUSIOU, STSIAPAN ZAKHARAVICH, 1931-

Beyond the threshold of youth ("On the crests of waves" by Stsiapan Haurusiou. Reviewed by IU. Hauruk). Belarus' 17 no. 1 31 Ja '60.

HAUSA LANGUAGE

Ol'derogge, D. A. [Origin of the Hausa language] Proiskhozhdenie iazyka khausa. Moskva, Izd-vo Akad. nauk SSSR, 1956. 27 p.
(CU)

HAUSA LANGUAGE—WORD FORMATION

Word formation in the Hausa language. I. A. Osnitskaia. Trudy Inst. etn 52:222-226 '59.

HAWAII

Fiftieth state. Fady Winslow. Amerika no. 41 56-60 '60.

HAWKS

Slots in the structure of wing tips of a hawk [with summary in English] V E IAkobi. Zool. zhur. 38 no 12: 1850-1855 D '59.

HAY—HARVESTING

Problems of the efficient utilization of stackers in mechanized hay harvesting. A. G. Batyrshin. Trudy KIMESKH 3:99-111 '59

Stacking hay from windrows. A. G. Batyrshin, N. M. Khamidullina, O. A Sukiasian. Trudy KIMESKH 3: 112-126 '59

HAYDN, JOSEPH, 1732-1809

A "new" opera by Haydn. Rostislav Hofman. Sov. muz. 24 no. 2 180-182 F '60.

HEALTH EDUCATION

(see also subdivision under Armash, Verdi District, Sverdlovsk; Tajikistan, Tula Province)

Evening for the young mother. A. S. Mitichkina, V. P. Samoilova Med. sestra 19 no. 3:40-41 Mr '60.

Forms of health education in a village. E. G. Karmanova, A. N. Shibaeva Med. sestra 19 no. 1:30-33 Ja '60.

New developments in health education. IU. Znamenskii. Kul't.-pros rab. 21 no 1:42 Ja '60

Propagation of medical information in printed form in 1958-1959. A. D. Ostrovskii. Sov. zdrav. 19 no. 2:92-94 '60.

HEALTH INSURANCE see Insurance, Health

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Ukraine, Western, also Kislovodsk; Obi-Garm, Yessentuki)

Obi-Garm Health Resort. P. IA. Zhukov. Zdrav. Tadzh. 7 no 1:23-24 Ja-F '60.

Public review of the health resorts, sanatoriums, and rest homes of the R. S. F. S. R. V. I. Poberezhnykh, S. IA. *Slutskii, Vop kur., fizioter. i lech. fiz. kul't.* 25 no 1: 83-84 '60.

HEARING

Auditory adaptation under conditions of "distracted attention" G V. Gershuni, A A Kniazeva. Probl. fiziol akust. 4 5-15 '59.

Current data from studying the activity of the biological sound analyzer and our objectives. G. V. Gershuni. Trudy Inst. fiziol. 8:18-23 '59.

Discrimination of the duality, strength, and quality of two electric stimulations of the acoustic system depending on their intensity and the interval between them S N Gol'dburt Probl fiziol akust 4 56-67 '59

Dynamics of the perception of information by the human *auditory analysor A A. Sagal Probl. fiziol.* akust 4 155-168 '59.

Effect of different industrial noises on the auditory sensitivity of man and the system of establishing norms of noises I I. Slavin, A. I Kachevskaia Probl fiziol. akust. 4:24-37 '59

Effect of partial removal of the hemispheres in early stages of development on visual and auditory conditioned reflexes in chickens [with summary in English]. O. E Ponomareva Biul. eksp. biol. i med. 48 no. 11:22-29 *N '59.*

Masking of brief tonal signals preceding the masking *sound I. K Samoilova. Probl. fiziol.* akust. 4:38-44 '59

Materials on the study of hearing in newborn and suckling infants. A I Bronshtein and others. Probl. fiziol. akust. 4 114-122 '59.

Perception of two complex sounds acting simultaneously on both ears IU. A Klaas, L A Chistovich Probl fiziol. akust 4:147-154 '59

Problem of cortical projection of hearing in dogs [with summary in English]. V. M. Mosidze. Fiziol. zhur. 46 no. 1:37-40 Ja '60

Problem of dibazol effects on auditory adaptation [with summary in English] A. P Velitskii Biul eksp. biol. i med 48 no 11:77-80 N '59

Relations between the *precision of "absolute" discrimination* of the frequency of sound signals and the width of the frequency range. E. IA. Voitinskii. Probl fiziol. akust 4 51-55 '59.

Role of the central part of the auditory analysor in the mechanism of auditory adaptation G. A. Antropov. Probl fiziol. akust 4 16-23 '59

Significance of temporary factors in estimating the [illegible]ness of complex sounds L. A Chistovich Probl fi[illegible] *akust 4 139-146 '59*

Variations in the precision of estimating tonal signals depending on their intensity and frequency range IU. [illegible] Klaas Probl fiziol akust 4 35-50 '59

HEART

Antomical, topographical, and functional changes of the heart and homodynamic changes following experimentally induced aortic insufficiency. S. S. Zabozlaev. Tr[illegible] Inst. klin. i eksp. khir. AN Kazakh. SSR 5:130-142 '59

Conditioned reflex changes in cardiac activity in cats following excision of the cerebral cortex [with summary in English]. V. A. *Sosenkov.* Biul. eksp. biol. i med. 48 no 12:8-11 D '59.

Effect of changes in the excitability of muscle receptors and of their anesthesia on cardiac activity and blood pressure [with summary in English]. V. P. Ku[illegible] Biul eksp biol. i med 48 no 12 20-21 D '59

Effect of copper and manganese salts on cholinoreactive systems of the heart [with summary in English] V S Raitses, IA V Ganitkevich Biul eksp biol i med 48 no 11 81-85 N '59.

Effect of papaverine, euphylline and dibazol on coronary circulation rate, on cardiac oxygen requirements and cardiac function [with summary in English] [illegible] Biul eksp biol i med 48 no. 12 61-65 D '59

Heart cures heart. IUn. tekh. 4 no. 1:2-3 Ja '60.

Pathophysiological changes in the body following experimental cutting off and restoration of heart [illegible] V P. Rusanov. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:121-129 '59.

Present status of the problem of determining the contractile function of the myocardium by electro[illegible] N N. Savitskii. Voen.-med. zhur. no 2:15-23 F '60

Secretion of stimulating substances during parasympathetic activity on the heart in frogs [with summary in English]. T. G. Putintseva, T M. Turpaev Fiziol. zhur. 46 no. 1:84-89 Ja '60.

HEART—ABNORMITIES AND DEFORMITIES

Problem of the differential diagnosis of congenital heart defects and nonorganic heart changes in children [with summary in English]. O. A. Sporov. *Pediatriia* 37 no. 12:49-53 D '59

Relationship between the clinical roentgenological [illegible] and the hemodynamic characteristics of high defects of the interventricular septum and patent ductus arteriosus [with summary in English]. O. S. *Antonov.* Vest. rent. i rad. 34 no. 6:30-38 N-D '59.

HEART—DISEASES

Effect of barbamyl on the course and outcome of experimental myocarditis [with summary in English] [illegible] *Zavrazhnov.* Farm. i toks 22 no 6 [illegible] N-D '59

Intravital diagnosis of intracardiac thrombi. [illegible]renko. Vrach. delo no. 12:1321 D '59.

Metabolic processes in the myocardium in experimental cardiac defect [with summary in English]. M F [illegible]lykh, F. Z. Meerson Vop. med khim. 6 no 1:[illegible] Ja-F '60

Thyroid gland function in stenocardia and myocardial infarct. L. A. Lushnikova. Kaz med zhur. 40 no. 6: 27-30 N-D '59.

Primary chronic idiopathic myocarditis in a ten year old boy. E. S. Kil'p. *Pediatriia 37 no. 12:53 D '59*

HEART—HYPERTROPHY AND DILATATION

Structural peculiarities of cardiac aneurysm and their significance in the compensation of cardiac action [with summary in English]. E. A. Dikareva. Arkh. pat. 21 no. 7:13-40 '59.

HEART—INFRACTION

C-reactive protein in the differential diagnosis between myocardial infarct and stenocardia [with summary in English]. Ch. L. Kasalitsa. Sov. med. 24 no. 1:[illegible] Ja '60.

Course of experimental myocardial infarct in acute radiation sickness in rabbits. N. B. Ginzburg. Vrach. delo no. 12:1263-1265 D '59.

Development of myocardial infarct in hypertensive patients following treatment with reserpine. A P Matusova. *Kaz. med. zhur. 40 no. 6:[illegible] N-D '59*

Diagnosis of disturbances of coronary circulation and myocardial infarct. I. Kh. Livshits. Vrach. delo no. 12: 1255-1258 D '59.

Extensive infarct of the anterior wall of the left ventricle in protracted septic endocarditis. I. P. Arlevskii Kaz. med zhur 40 no 6:88-89 N-D '59

Micromorphological picture of the fine nerve structures of the intra- and extramural nervous system of the heart in myocradial infarct. A. P Atakishiev Sud. med. ekspert. 3 no. 1:21-24 Ja-Mr '60

Myocardial infarct in young persons. N. Z. Pol[illegible] Vrach. delo no. 12:1321-1323 D '59.

Oxygen consumption by the cardiac muscle in myocardial infarct. A. G. Khmel'ko. Vrach. delo no. 12 1261-1262 D '59.

Pathogenesis of myocardial infarct [with summary in English]. A. L. Miasnikov. Vrach. delo no. 12 [illegible] D '59.

Roentgenkymographic investigation of the heart of persons who have been affected with myocardial infarct. M. K. Zagorodskaia. Vrach. delo no. 12:1247-1250 D '59

Various forms of myocardial microinfarction S. V. Shestakov. Kaz. med. zhur. 40 no. 6:23-27 N-D '59

HEART—INNERVATION

Electrophysiological characteristics of efferent and afferent impulses in the augmentor nerve of the heart. E.G. Petrova. Trudy Inst. fiziol. 8:388-394 '59.

Structure of the afferent plexuses in the human and animal heart. A.IA. Khabarova. Trudy Inst. fiziol. 8:589-597 '59.

HEART—RADIOGRAPHY

Pulmonary and cardiac changes in X-ray pictures of patients with systemic lupus erythematosus [with summary in English]. P.A. Spandkaia. Vest. rent. i rad. 34 no.6:10-24 N-D '59.

Roentgenokymographic investigation of the heart of persons who have been affected with myocardial infarct. M.M. Zagorodskaia. Vrach. delo no.12:1317-1320 D '59.

Roentgenographic studies of the heart and lungs of divers [with summary in English]. V.I. Koledinov, T.A. Osipova, G.I. Markman. Vest. rent. i rad. 34 no.6:24-29 N-D '59.

Some topographic characteristics of the heart and of its pulsation in case of a modified diaphragmatic position in patients with pulmonary tuberculosis [with summary in English]. D.L. Bronshtein. Vest. rent. i rad. 34 no.6:46-52 N-D '59.

HEART—RUPTURE

Sudden death from a spontaneous rupture of the heart in a one-and-a-half year old child. R.M. Iaschkina. Sud.-med. ekspert. 3 no.1:60-61 Ja-Mr '60.

HEART—SOUNDS

Auscultative picture of the heart in young school children. N.D. Podlipaev. Kaz. med. zhur. 40 no.6:38-42 N-D '59.

HEART—WOUNDS AND INJURIES

Case of knife wound through the heart [in Azerbaijani with Russian summary]. D.Kh. Abasov. Azerb. med. zhur. no.1:77-79 Ja '60.

HEART FAILURE

Comparative evaluation of the action of corglicon, lantoside, and strophanthin in chronic cardiac insufficiency [with summary in English]. L.A. Popova. Sov. med. 24 no.1:75-80 Ja '60.

Conference on the problem of "coronary insufficiency." A.P. Matusova. Kaz. med. zhur. 40 no.6:116-118 N-D '59.

Work capacity of patients with coronary insufficiency [with summary in English]. L.I. Fogel'son. Vrach. delo no.12:1341-1347 D '59.

HEAT

Pokrovskii, A.A., and others. [Demonstrative experiments on heat and molecular physics] Demonstratsionnye opyty po molekuliarnoi fizike i teplote; posobie dlia uchitelei. Pod red. A.A. Pokrovskogo. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 169 p.

HEAT—CONDUCTION

Analytical solution for a plane problem in the heat conductivity of porous bodies. G.M. Serykh, G.A. Ponomarev. Izv. TPI 101:71-76 '58.

Heat conductivity of porous materials. G.M. Serykh. Izv. TPI 101:59-70 '58.

Measuring the thermal conductivity of liquids. O.A. Kraev. Zav. lab. 26 no.2:185-186 '60.

Quasistationary heating of a plate in the presence of auxiliary walls. G.P. Boikov, N.N. Nigodiueva, G.V. Nikolaeva. Izv. TPI 101:55-58 '58.

HEAT—MEASUREMENT

Preobrazhenskii, V.P. [Heat-engineering measuring instruments; charts for students] Teplotekhnicheskie izmeritel'nye pribory; uchebnye tablitsy. Moskva, Gos. energ. izd-vo.
Pt. 1. 1959. [17] l. (in portfolio)

HEAT—PHYSIOLOGICAL EFFECT

Changes in certain physicochemical properties of gliadin due to thermal influences [with summary in English] F.I. Medvedeva. Biokhimiia 24 no.6:978-983 N-D '59.

The existence of certain enzymatically active modifications of myosin with various degrees of heat sensitivity [with summary in English]. [illegible]. Biokhimiia 24 no.6:982-992 N-D '59.

Influence of a hot climate on the bacteriostatic action of penicillin. IU.N. Zaitsev. Zdrav. Turk. 3 no.6:12-17 N-D '59.

HEAT—RADIATION AND ABSORPTION

Characteristics of thermal radiation. V.A. Sokolov. Izv. TPI no.96:312-315 '58.

Pierre Prevost's theory of mobile equilibrium. I.N. Gorenshtein. Trudy Inst. ist. est. i tekh. 28:303-318 '59.

Thermoelectric method for determining the coefficients of thermal radiation of bodies. Pak Sen Su. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.5:77-81 '59.

HEAT—TRANSMISSION

Analysis of the heating of bodies under radiant heat based on the theory of similitude. G.P. Boikov. Izv. TPI 101:42-46 '58.

Analytic investigation of the drying of moist materials with heated gases. A.V. Lykov. Trudy NIKFI no.2:8-21 '58.

Arnol'd, L.V., and others. [Collection of problems on technical thermodynamics and heat transfer] Sbornik zadach po tekhnicheskoi termodinamike i teploperedache. Pod obshchei red. L.V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 292 p.

Balanced temperature of thin bodies in a supersonic flow. A.S. Povitskii. Izv. vys. ucheb. zav.; av. tekh. 1 no.1:35-42 '58.

Determining the coefficients of heat transfer by the plane heat pulse method. M.I. Povalikov. Trudy MIIT no.1[illegible]:[illegible] '60.

Determining the coefficients of mass transfer in colloidal and capillary porous substances with variable moisture content. A.V. Lykov, I.M. Fedorovskaia. Trudy NIKFI no.2:111-127 '58.

Effectiveness of using air for intensification of heat transfer in industrial vacuum evaporators. V.I. Tolubinskii, N.G. IAmpol'skii. Trudy Inst. tepl. AN URSR no.7:48-55 '52.

Heat exchange in packed scrubbers at elevated gas flow rates. V.P. Prokhorov. Zhur. prikl. khim. 33 no.1:117-127 Ja '60.

Heat transfer through coil pipe walls under bubbling conditions. A.G. Kasatkin, D.M. Popov, IU.V. Aksel'rod. Khim. prom. no.7:622-624 O-N '59.

Heating of bodies of finite dimensions under radiant heat. Report No.1. G.P. Boikov. Izv. TPI 101:23-34 '58.

Heating of bodies of finite dimensions under radiant heat. Report No.2. G.P. Boikov. Izv. TPI 101:35-41 '58.

Investigating heat and mass exchange of small gelatin particles. F.A. Rozental'. Trudy NIKFI no.2:52-56 '58.

Investigating heat exchange in a combustion chamber with wall radiation [illegible] when burning anthracite culm. I.S. Lanin. Teploenergetika 7 no.3:10-17 Mr '60.

Investigating the heat exchange of electric resistance elements used for heating. B.F. Krastinov. Izv. vys. ucheb. zav.; energ. 2 no.12:99-102 D '59.

Investigating the heat transfer of boiling wash liquors. S.B. Zhora. [illegible] prom. 12 no.1:05-07 Ja '60.

Kurochkin, B.N. [Testing thermal processes occurring in open hearth furnaces] Teplotekhnicheskie ispytaniia martenovskikh pechei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 186 p.

Operation of a system with natural circulation in once-through and similar regimes. V.I. Tolubinskii. Trudy Inst. tepl. AN URSR no.7:58-68 '52.

Precise solution for heat transfer through a disk rotating in a viscous incompressible liquid. G.A. Tirskii. Trudy MFTI no.3:85-94 '59.

Pulse method for determining the thermal characteristics of moist materials. F.F. Vishnevskii. Trudy NIKFI no.2:[illegible] '58.

HEAT CAPACITY

"Structural contributions" to the values of the second derivatives of the thermodynamic potentials of liquids [with summary in English]. D. Papousek, J. Kostrik. Zhur. fiz. khim. 34 no.1:[illegible] Ja '60.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Diagram of regimes of heat supply systems. D.P. Tarasov. Trudy Inst. tepl. AN URSR no.7:76-82 '52.

Methods for selecting the most economical heating coefficient at small heat and electric power plants equipped with one turbine. I.I. Lat'ko. Trudy LIEI no.24:131-145 '59.

HEAT ENGINEERING—STUDY AND TEACHING

Preobrazhenskii, V.P. [Heat-engineering measuring instruments; charts for students] Teplotekhnicheskie izmeritel'nye pribory; uchebnye tablitsy. Moskva, Gos. energ. izd-vo
Pt. 1. 1959. [17] l. (in portfolio)

HEAT EXCHANGERS

Increasing the effectiveness of heat exchangers for IV-1000 mercury-arc rectifiers manufactured by the "Uralelektroapparat Plant." D.S. Zhevakhov. Izv. vys. ucheb. zav.; energ. 2 no.12:68-72 D '59.

HEAT OF COMBUSTION

Analysis of the formula of D.P. Konovalov. N.D. Lebedeva. Trudy VNIIM no.34:29-42 '58.

Approximation method of calculating the heats of combustion of hydrocarbons with branched chains. V.IA. Kurbatov, N.D. Lebedeva. Trudy VNIIM no.34:17-20 '58.

Factors determining the heat expended for coking. E.M. Israelit. Koks i khim. no.2:23-27 '60.

Heats of combustion of organic compounds. V.S. Uskov. Trudy VNIIM no.34:43-57 '58.

Heats of combustion of phenyl-substituted methane derivatives. V.IA. Kurbatov, N.D. Lebedeva. Trudy VNIIM no.34:21-28 '58.

HEAT OF FORMATION

Heat of formation of uranium tetrafluoride. V.A. Mal'tsev, IU.V. Gagarinskii, M.M. Popov. Zhur. neorg. khim. 5 no.1:220-229 Ja '60.

HEAT OF SOLUTION

Adiabatic isothermal calorimeter for determining final integral heats of solution in the presence of the negative effect. A.I. Parshikov. Zhur. prikl. khim. 33 no.1:110-116 Ja '60.

HEAT OF WETTING

Determining the integral heat of wetting of natural silk irradiated with gamma rays. S.A. Azimov and others. Dokl. AN Uz. SSR no.12:13-15 '59.

HEAT PUMPS

A "wonder discovery" which was no wonder at all. B. Balandin, L. Balandina. Znan.-sila 35 no.2:14-15 F '60.

HEAT REGENERATORS

Trends in the development of waste heat installations for rotary furnaces in the refractories industry. A.N. Zakharov. Prom. energ. 15 no.3:11-14 Mr '60.

HEAT RESISTANT ALLOYS

Aging of certain iron-nickel-chromium base heat-resistant alloys. L.IA. Bilidzianevich, G.V. Kurdiumov, L.G. Khandros. Issl. po zharopr. splav. 4:208-213 '59.

Diffusion and heat resistance of metal phases. K.A. Osipov. Issl. po zharopr. splav. 4:21-27 '59.

Effect of plastic deformation at low temperatures on the heat-resistant properties of 18-8 Ti type austenitic steel. A.P. Guliaev, I.V. Chernenko. Issl. po zharopr. splav. 4:211-217 '59.

Heat-resistance of ferrite in complex alloy with chromium, vanadium, tungsten, molybdenum. O.A. Bannykh, N.T. Zudin. Issl. po zharopr. splav. 4:274-279 '59.

Marinov, E.N. [Materials for the construction and operation of vacuum electric furnaces] Materialy vakuumnykh elektropechei. Moskva, Gos. energ. izd-vo, 1959. 93 p. (Biblioteka elektrotermista, no.1)
[MICROFILM]

Some problems of the heat-resistance theory. M.V. Pridantsev. Issl. po zharopr. splav. 4:200-206 '59.

HEAT RESISTANT ALLOYS—CORROSION

Effect of alloying elements on the heat resistance of alloys and binding forces in oxide plane lattices of scale. Effect of nickel and the combined effect of chromium and nickel on binding forces in hematite. V.I. Arkharov, B.Sh. Bortnov. Issl. po zharopr. splav. 4:340-344 '59.

HEAT RESISTANT ALLOYS—METALLOGRAPHY

Investigation of structural transformations in heat-resistant aluminum copper alloys. I.N. Fridliander and others. Issl. po zharopr. splav. 4:11-40 '59.

HEAT RESISTANT ALLOYS—TESTING

Behavior of alloys in contact with sodium. S.T. Kishkin, G.P. Benediktova. Issl. splav. tsvet. met. no.2:10-23 '60.

HEAT RESISTANT ALLOYS—THERMAL PROPERTIES

Relation between the activation energy of self diffusion and the characteristic Debye temperature of metals. K.P. Gurov. Issl. po zharopr. splav. 4:147-151 '59.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING

Heating and ventilation in foreign countries. A.M. Bershtein. Opyt stroi. no.24:29-60 '60.

HEATING FROM CENTRAL STATIONS

Constructing heat networks with ready-made elements. S.M. Teshitskii, O.S. Shcherbitskii. Elek. sta. 31 no.2:82-84 F '60.

Senkov, F.V. [Regulation of the daily allowance of heat supply to apartment houses and public buildings; scientific report] Rezhimy sutochnogo regulirovaniia otpuska tepla zhilym i obshchestvennym zdaniiam; nauchnoe soobshchenie. [Pushkin] Akad. kommun. khoz. im. K.D. Pamfilova, 1959. 73 p.

HEATING PIPES

Constructing heat networks with ready-made elements. S.M. Teshitskii, O.S. Shcherbitskii. Elek. sta. 31 no.2:82-84 F '60.

HEAVISIDE LAYER see Ionosphere

HEDGES

Protective plantings of the trellis type. D.F. Shelangovskii. Put' i put. khoz. 4 no.1:40 Ja '60.

HEEL BONE—FRACTURE

Fractures of the calcaneus and late results of treatment. V.A. IArolov-IAraliants. Ortop., travm. i protez. 20 no.12:8-12 D '59.

HELICOPTERS

Helicopter in agriculture. Grazhd. av. 17 no. 1:13 Ja '60.

Using helicopters in assembling supports for electric power lines. B. M. Shinkarev, V T Novikov. Nov. tekh mont i spets rab. v stroi 22 no 1,8-10 Ja '60.

Zagordin, A M [Elementary theory of the helicopter] Elementarnaia teoriia vertoleta Izd 2 , dop. i perer Moskva, Voen izd-vo M-va obor SSSR, 1960 383 p.

HELIUM

Critical regime in experiments with a vibrating disk in helium II [with summary in English] G. A. Gamtsemlidze. Zhur. eksp. i teor fiz. 37 no. 4 950-956 O '59.

HELMHOLTZ, HERMANN VON, 1821-1894

History of physical chemistry, work of Helmholtz in the field of physical chemistry. L. S. Polak, IU. I. Solov'ev Vop ist. est i tekh no 8:18-56 '59

HEMAGGLUTININ

Level and dynamics of antihemagglutinins in the blood serum before and after immunization with living dried influenza vaccine P P Steblivskii and others Voen - med. zhur no 2 59-62 F '60

HEMATITE—ELECTRIC PROPERTIES

Investigating the interaction of reagents and hematite by measuring the electrokinetic potential V. I. Klassen, Mao Tsi-fang Izv. vys ucheb. zav ,gor. zhur. no 10 154-159 '59

HEMATITE—METALLOGRAPHY

Effect of alloying elements on the heat resistance of alloys and binding forces in oxide phase lattices of scale Effect of nickel and the combined effect of chromium and nickel on binding forces in hematite V I Arkharov, B S Borisov Issl po zharopr splav 4 340-342 '59

HEMINGWAY, ERNEST, 1898-

Ernest Hemingway on his work. Vop. lit. 4 no. 1:153-158 Ja '60.

The most important thing. Ivan Kashkin Oktiabr' 37 no 3:215-223 Mr '60

HEMOGLOBIN

Amount of blood and hemoglobin in pelagic and bottom marine fishes [with summary in English] N I. Kulichenko Zhur. ob biol 21 no. 1 64-66 Ja-F '60.

Changes in the blood volume of the brain and in the hemoglobin level of blood in rats acclimatized to chronic hypoxia and in their progeny [with summary in English] V. I Voitkevich Fiziol zhur 46 no 1 78-83 Ja '60.

HEMOLYSIS AND HEMOLYSINS

Pharmacology of streptolysin "O " E. Rašková, J. Vaneček, V Knesslova Farm i toks 22 no 6:526-527 N-D '59

HEMORRHAGE

Clinical aspects of retroperitoneal hemorrhages in closed trauma of the abdomen [with summary in English] G. M. Marenkov. Vest khir. 83 no 12:37-41 D '59

Nosebleed. IU. N. Ovchinnikov. Zdorov'e 6 no. 3:25 Mr '60.

Restoration of vital functions in monkeys after mortal exsanguination under hypothermic conditions [with summary in English] V A Negovskii Biul eksp biol i med 48 no 11 30-34 N '59

HEMORRHAGIC DISEASES

Hemorrhagic septicemia as a virus disease of fishes in the U. S. S. R. and abroad. G. D. Goncharov. Trudy sov. Ikht. kom. no. 9 34-38 '59.

Hemorrhagic septicemia of carp and measures for its control on fish farms in western provinces of the Ukraine. V. M. Ivasik, P. E. Rot. Trudy sov. Ikht. kom. no. 9:39-42 '59.

HEMP

New book on flax and hemp manufacture Tekst. prom 20 no. 1 98 Ja '60

Selecting grass mixtures for crop rotations which include hemp M O Krashenynnykov. Visnyk sil' hosp nauky 3 no. 2 29-30 F '60

Steam retted hemp. G. IA Rosenberg. Tekst prom 20 no. 1 24-27 Ja '60

HEPATITIS, INFECTIOUS

(see also subdivision under Kiev)

Differential diagnosis of obstructive jaundice and Botkin's disease. T Kh. Magid. Zdrav. Belor 6 no 3,53-54 Mr '60

Urine color sedimentation test in Botkin's disease. IA. A. Kimbarovskii Kaz. med zhur 40 no 6:89-90 N-D '59

HEPTACHLOR

Preparation of heptachlor insecticide. S. D. Volodovich and others Zhur prikl khim. 33 no 1:227-233 Ja '60

HEPTANAMIDE

Synthesis of new derivatives of cellulose and other polysaccharides. Part 3: Synthesis of a graft copolymer of carboxymethylcellulose and polyenanthamide [with summary in English]. Sun T'ung, V. A. Derevitskaia, Z. A. Rogovin. Vysokom. soed. 1 no. 11:1625-1629 N '59.

HEPTANOIC ACID

Polycondensation reactions in the solid phase. Part 2: Solid phase polycondensation of ξ -aminoenanthic acid in the presence of catalysts [with summary in English]. A. V. Volokhina, G. I. Kudriavtsev. Vysokom. soed. 1 no. 11 1724-1732 N '59.

HERBARIA see subdivision under Leningrad

HERBICIDES

How we sprayed flax N Tishenkov Sel' mekh no 1 10 '60

Synthesis of herbicides. Part 2 Arylsulfonic esters of aryloxyethanols O. Kh. Vlasova, S I. Burmistrov. Ukr khim zhur 25 no. 6 760-761 '59.

HEREDITY

Through the prism of philosophy P. P. Sakharov. Nauka i zhizn' 27 no. 1 49-52 Ja '60.

Valuable studies on the inheritance of acquired characteristics ("Inheritance by progeny of characteristics induced in parents by endogenous factors" by E. F. Pavlov Reviewed by S. K. Karapetian). Agrobiologiia no 1 152-156 Ja-F '60

HERESIES AND HERETICS

History of heretical movements in Russia in the 14th and 15th centuries L. V. Cherepnin Vop ist rel i ateiz no 7 257-283 '59

Studying the origin of heretical movements in Russia A I Klibanov Vop. ist rel i ateiz. no 7 186-217 '59

HERNIA

Method for closing the inguinal canal in hernias. Z. M. Mamedov, G. K. Bagirov. Azerb. med. zhur. no. 2:23-28 F '60.

"Strangulated hernias and their treatment" by S. V. Lobachev, O. I. Vinogradova Reviewed by N. S. Timofeev. Vest. khir. 83 no. 12 104-105 D '59.

HETEROSIS

Darwinism and genetical theories of heterosis. N. V. Turbin, IU. B. Vakhtin. Biul. MOIP. Otd. biol. 64 no. 6: 131-140 N-D '59.

Some physiological features of swine connected with heterosis [with summary in English] G G Tonevitskii. Zhur. ob. biol. 21 no. 1:66-69 Ja-F '60.

HEXAMETHYLENIMINE

Interaction between carboxylated rubber and ε-caprolactam [with summary in English]. I. A. Tutorskii, Z. Smelyi, B. A. Dogadkin. Vysokom. soed. 1 no. 11:1652-1654 N '59.

Preparation of capron resin from caprolactam. I. N. Chertkov, M. L. Teterin. Khim. v shkole 15 no. 1:65-67 Ja-F '60.

Producing a dull finish of polycaprolactam directly in autoclaves L M Kotchinskaia. Khim. volok. no 6: 64-67 '59.

Synthesis of new derivatives of cellulose and other polysaccharides. Part 4: Synthesis of graft copolymers of carboxymethylcellulose and polycaprolactam. Z. A. Rogovin, Wu Jung-jui. Vysokom soed. 1 no. 11: 1630-1633 N '59.

HEXANE

Studying the P-V-T relation and phase equilibrium in the ethylene- -hexane system. T. P. Zhuze, A. S. Zhurba. Izv. vys. ucheb. zav. ,neft' i gaz 2 no. 12,113-118 '59.

HEXOKINASE

Hexokinase activity in cells of tissue cultures [with summary in English] R. N. Etingof, N. D. Gabrielian. Biokhimiia 24 no. 6:1104-1108 N-D '59

HIBERNATION

Comparative ecology of hibernating mammals. N. I. Kalabukhov. Usp. sovr. biol. 48 no. 3:312-328 N-D '59.

HIDES AND SKINS

(see also subdivision under Kazakhstan)

Better utilization of medium weight hides and skins N. N. Kozhevnikov Kozh -obuv. prom no. 12 26-28 D '59.

"Methods and trends in the processing of raw pigskin." Kozh. -obuv. prom. 2 no. 1,26 Ja '60.

New devices for removal of burdock and other foreign matter from leather and fur raw materials I. V. Bogdanov, A A Smirnov, V. S. Chudakov. Kozh. -obuv. prom no 12 16-18 D '59

Soaking pig skins and degreasing their bristles. M. M. Sklovskii Kozh -obuv prom no 12:29-31 D '59

HIDES AND SKINS—DISINFECTION see subdivision under Alma-Ata

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH TEMPERATURE METALLURGY see Metals at high temperature

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH

Mobile laboratories. V. V. Kaminskii. Avt. dor 23 no. 2:32 F '60

HIGHWAY TRANSPORT WORKERS

(see also subdivision under Alma-Ata)

Driver's workday without established norms. V. Kas[illegible] nov. Za rul 18 no. 1:16 Ja '60.

V Silutskii, an outstanding driver Avt transp [illegible] no 1 52 Ja '60

HIGHWAY TRANSPORT WORKERS—LABOR PRODUCTIVITY

Increase the labor productivity of highway transport workers. N. N Khokhlina Khleb i kond prom 4 no 2 26-27 F '60

HIP—EXCISION see Excision of hip

HIP JOINT—FRACTURES

Intramedullary nailing of fracture of the femoral neck and hip joint diaphysis. Kh S Rakhimkulov Kaz med zhur. 40 no 6:110-113 N-D '59.

HIPPOPHAGY see Horse meat

HIS, WILHELM, 1831-1904

"The fate of Wilhelm His" by Laurence Picken. Reviewed by L. IA. Bliakher. Vop. ist. est i tekh. no 7 175-177 '59.

HISTORICAL FICTION, FRENCH

"The French historical novel during the era of romanticism" by B. G. Reizov. Reviewed by T. [illegible] Vop. lit. no. 2 230-233 F '60.

HISTORICAL MUSEUMS see subdivision under Kiev; Krivoy Rog

HISTORICAL RESEARCH see subdivision under Moldavia

HISTORIOGRAPHY see subdivision under Ukraine, Western

HISTORY

In the Department of History. Vest. AN SSSR 30 no. 5 51-56 My '60.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES

Congress of Czechoslovak Historians. I. M. Mel'nyk[illegible] Ukr. ist. zhur. 4 no. 1:151-153 Ja-F '60.

Third Congress of Czechoslovak Historians. IU A [illegible]rev. Nov. i noveish. ist. no. 1:169-170 '60

HISTORY—PERIODICALS

Foreign journals in review Nov. i noveish ist no 1: 174-175 '60

HISTORY—PHILOSOPHY

Fear of progress ("Philosophical idealism and the crisis of bourgeois historical theories" by I. S. Kon. Reviewed by B. Chagin, IU. Aseev). Kommunist 37 no. [illegible] Je '60.

"Socioeconomic formations." A. G. Khurchev. Nauch. dokl. vys. shkoly; filos. nauki no. 4:36-10 '59.

HISTORY—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [From practice in teaching history in secondary schools] Iz opyta prepodavaniia istorii v srednei shkole. Moskva, Izd-vo Akad. pedag. nauk RSFSR, 1960. 118 p. (Pedagogicheskie chteniia)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Teaching history and the Constitution of the U. S. S. R. in schools in the 1959-1960 school year] O prepodavanii istorii i Konstitutsii SSSR v shkole v 1959/60 uchebnom godu Pod red A. T. Kunkil'kina. Moskva, Izd-vo Akad pedag. nauk RSFSR, 1959. 197 p.

Efimov, A. V. [Modern history; textbook for grade 8 of secondary schools] Novaia istoriia; uchebnik dlia 8 klassa srednei shkoly. Izd. 10. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.

Pt. 1. 1960. 101 p.

——— [Maps] Karty. 14 p.

Ezhov, V. A., IU. D. Margolis, and S. L. Peshlich [How to prepare for entrance examinations to institutions of higher learning; history of the U. S. S. R.] Kak gotovit'sia k priemnym ekzamenam v vuz; istoriia SSSR. Pod red. V. V. Mavrodina. Izd. 2., perer. i dop. [Leningrad] Izd-vo Leningr. univ., 1960. 125 p.

How motion pictures enhance the effectiveness of history studies. L. V. Chashko. Ukr. ist. zhur. 4 no 1:[illegible] Ja-F '60.

Improving the teaching of history in schools in the light of the decision of the Central Committee of the CPSU and the Council of Ministers of the U. S. S. R. of October [illegible], 1959. P. L. Ukhovs'ka. Ukr. ist. zhur. 4 no. 1:[illegible] Ja-F '60.

In the Scientific and Technical Councils. Vest. vys. shk. 17[i. e. 18] no. 5:67 My '60.

Manual for teachers ("Using literary works in history classwork in grades 8 and 9" by H. O. TSvikal's'ka Reviewed by I. O. Hurzhii, P. IU. Marunia). Ukr. ist. zhur. 4 no. 1:123-125 Ja-F '60.

HISTORY — STUDY AND TEACHING (Continued)

Murmanskii gosudarstvennyi pedagogicheskii institut. [A collection of historic philologic works] Istoriko-filologicheskii sbornik. Pod red. IU. N. Klimova. Murmansk, 1960. 142 p.

Some changes in the school teaching of history. Rad. shkola 39 no.1:3-4 Ja '60.

A study of the contemporary teaching of history in schools. Ist. SSSR no.1:3-16 Ja-F '60.

Voroshilov, S. I., V. G. Revunenkov, and V. K. Furaev. [A modern history of the small countries of Western Europe and the countries of Latin America and Canada; a manual for the pedagogical institutes] Novaia istoriia: malye strany Zapadnoi Evropy, strany Latinskoi Ameriki, Kanada; uchebnoe posobie dlia pedagogicheskikh institutov. Pod red. V. G. Revunenkova. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 236 p.

[Working on local history in schools; a handbook for history teachers] Kraevedcheskaia rabota v shkole; posobie dlia uchitelei istorii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 169 p.

HISTORY, ANCIENT

Archaeological-ethnographical session of the Department of Historical Sciences and plenary session of the Institute for the History of Material Culture of the Academy of Sciences of the U.S.S.R. T. Z. Vest. drev. ist. no.4: 206-211 '59.

HISTORY, ANCIENT — PERIODICALS see subdivision under Rumania

HISTORY, MODERN

Moscow. Universitet. Istoricheskii fakul'tet. Kafedra novoi istorii. [Modern history] Novaia istoriia. Pod red. I. S. Galkina, N. E. Zastenkera, V. M. Khvostova. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 3. 1870-1918. 1960. 684 p.
[Maps] Karty. 17 maps.

Russia (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroitel'stva. [History of international proletarian solidarity; collected documents and materials] Iz istorii mezhdunarodnoi proletarskoi solidarnosti; dokumenty i materialy, sbornik. Glav. red. G. A. Belov i dr. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 3. [International solidarity of workers in the struggle against the activities of reactionary forces and the threat of war, 1928-1937] Mezhdunarodnaia solidarnost' trudiashchikhsia v bor'be s nastupleniem reaktsii i voennoi opasnost'iu, 1928-1937. 1959. 543 p.

Tabouis, G. [Twenty years of diplomatic struggle. Translated from the French] Dvadtsat' let diplomaticheskoi bor'by. Moskva, Izd-vo inostr. lit-ry, 1960. 463 p.

HISTORY AND LITERATURE see Literature and history

HITCHHIKING

Hitchhiking. Rib. tekh. 4 no.1:37 Ja '60.

HO, CHI MINH, 1894-

Comrade Ho Chi Minh [with English summary in insert]. Pavel Antokol'skii. Sovr. Vost. no.5:9-11 My '60.

HOBBES, THOMAS, 1588-1679

Criticism of religion by Thomas Hobbes. B. A. Chagin. Ezhegod. Muz. ist. rel. i ateiz. 3:78-93 '59.

HOISTING MACHINERY

Calculating the body of a skip hoist to withstand impact loading. A. O. Pangalants. Izv. vys. ucheb. zav.; gor. zhur. no.6:124-126 '59.

Calculating time required for lowering and hoisting operations in drilling. N. G. Sereda. Trudy MNI no.20: 141-145 '57.

Hoists used in repairing machine tools. Mod. metallorezh. stan. no.5:58-62 '59.

Investigating the laws of motion of skip hoists along skip dump tracks. O. V. Khoroshev, I. S. Kolotova. Izv. vys. ucheb. zav.; gor. zhur. no.5:129-142 '59.

Maximum static force on drum rims of mine hoisting machines. N. I. Klykov. Izv. vys. ucheb. zav.; gor. zhur. no.8:88-92 '59.

Selecting a type of landing device for multirope cage hoisting. A. E. Trop. Izv. vys. ucheb. zav.; gor. zhur. no.6:114-123 '59.

sing electronic relays for the automatic control of skip hoisting equipment in the slowing down process. A. I. Vinogradov. Izv. vys. ucheb. zav.; gor. zhur. no.6:69-73 '59.

sing UZTM drilling rigs in hoisting operations. V. V. Sergeev. Razved. i okh. nedr 25 no.11:34-38 N '59.

OISTING MACHINERY—BRAKES

aidenko, I. S. [Inspection, adjustment and testing of brake systems on mine hoisting machines] Reviziia, naladka i ispytanie tormoznykh ustroistv shakhtnykh pod"emnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 295 p.

pring disc braking system for hoists. A. T. Volokhov. Ugol' Ukr. 4 no.1:32 Ja '60.

HOISTING MACHINERY—ELECTRIC DRIVING

Vasilevskii, M. N. [Asynchronous drives for mine hoisting machinery] Asinkhronnyi privod shakhtnykh pod"emnykh mashin. Izd. 2., dop. i ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 307 p.

HOLIDAYS

(see also subdivision under Stalino)

Why the celebration of patron saints' days is so harmful. P. Kovalko. Nauka i zhyttia 9 no.1:39-40 Ap '59.

HOLLAND see Netherlands

HOLMQUISTITE see subdivision under Tuva Autonomous Province

HOME AND SCHOOL

(see also subdivision under Nizhniy Tagil, Severodvinsk)

Individual work with families. R. D. Finkel'shtein. Dosh. vosp. 33 no.2:59-65 F '60.

Parental role in preparing students for socially useful work. A. I. Dmitriev, B. A. Bronevich. Politekh. obuch. no.11:41-47 D '59.

HOME ECONOMICS

[For the young housewife] Molodoi khoziaike. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 475 p.

Household hints. Kolh. Ukr. 7 no.3:13-14 '60.

[Housekeeping] Domovodstvo. Izd. 3., dop. i perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 701 p.

Practical advice. Sil. molod. no.2:40 '60.

Useful advice. Rab. i sial. 36 no.1:23 Ja '60.

HOMERUS

Gogol' and Homer. S. I. Radtsig. Vest. Mosk. un. Ist.-filol. ser. 14 no.1:121-130 '59.

HOMOMEROQUINENE

Synthesis of racemic N-acetylhomomeroquinene. M. V. Rubtsov. Zhur. ob. khim. 30 no.5:1498-1507 My '60.

HONCHAR, OLEKSANDR TERENTIIOVYCH, 1918-

Kylymnyk, O. V. [Oles' Honchar; a literary portrait] Oles' Honchar; literaturnyi portret. Kyiv, Derzhlitvydav Ukrainy, 1959. 121 p.
(MH)

HONESTY

Honesty and integrity. N. Lavrenov. Otv. na vop. trud. no.106:24-26 '59.

HONEY PLANTS

Nectar yield of various fruits and berries. V. K. Rymashevskii, R. S. Rymashevskii. Agrobiologiia no.1:143 Ja-F '60.

HOOKS

New lead hooks. A. M. Zorin. Vest. mash. 40 no.2: 21-23 F '60.

HOOKWORM DISEASE

Studying immunity in ancylostomiasis in persons and animals. D. A. Aliyarbekov. Soob. AN Gruz. SSR 23 no.4:401-[illegible] '59.

HOOKWORMS

Elimination of foci of ancylostomiasis in the mines of "Tajikugol'" in Leninabad Province. V. I. Matveichuk. Zdrav. Tadzh. 7 no.1:18-21 Ja-F '60.

HORIZONTAL BAR

Horizontal bar in the room. G. M. Cheskis. Zdorov'e 6 no.2:26 F '60.

HORMONES, SEX

Effect of folliculin and progesterone on the mitotic activity of the uterine epithelium in mice [with summary in English]. O. I. Epifanova. Biul. eksp. biol. i med. 48 no.12: 98-100 D '59.

Influence of sex hormone preparations on hypercholesterolemia [with summary in English]. IA. V. Blagosklonnaia. Probl. endok. i gorm. 5 no.6:49-54 N-D '59.

On the problem of the chorionic gonadotropin content of the mother and fetus in toxemias of the second half of pregnancy [with summary in English]. L. I. Usoskin. Probl. endok. i gorm. 5 no.5:102-109 S-O '59.

Role of the higher segments of the central nervous system, the age factor and the sex hormones in the pathogenesis of experimental (alloxan) diabetes. I. M. Sokoloverova. Trudy Inst. fiziol. 8:112-120 '59.

HORSE MEAT

Veterinary and sanitary inspection of horse meat. S. Mikhniuk. Mias. ind. SSSR 31 no.1:50 '60.

HORSE RACING

Flying horse. V. Prakhov. Neva no.2:218 '60.

HORSEFLIES see subdivision under Omsk Province

HOSPITALS

Method for the calculation of basic indexes in the organization of infirmary care. Zdrav. Ros. Feder. 4 no.3: 48 Mr '60.

HOSPITALS, RURAL

Work plan of a district hospital, a guide to action. D. P. Belutskii. Zdrav. Belor. 6 no.3:5-9 Mr '60.

HOT-AIR HEATING

Decentralized hot-air heating system. N. Rul'chuk, I. Konvisar. Stroi. i arkhit. 8 no.1:25-26 Ja '60.

HOT-WATER HEATING—REGULATORS

Hydraulic cycle in a case of individual regulation in buildings served by central stations. V. IA. Khasilev. Sbor. nauch. rab. INKH no.15 pt.2:67-80 '59.

New heat regulators for heating systems in buildings served by central stations. L. K. IAkimov. Sbor. nauch. rab. INKH no.15 pt.2:58-66 '59.

HOTELS, TAVERNS, ETC.—MANAGEMENT

Exchange of experience among hotel workers. Zhil.-kom. khoz. 10 no.2:27-28 '60.

HOURS OF LABOR

(see also subdivision under Riga)

The Central Long-distance Telephone Exchange is operating on a 7-hour workday schedule. P. P. Nikol. Vest. sviazi 20 no.3:1 F '60.

Conference on the conversion to the seven-hour work day. G. M. Korinushkin, M. P. Zotiagov. Avt. dor. 23 no.2: 29-30 F '60.

Conversion to the seven-hour work day and the new wage system for printing industry workers. D. V. Novoselov. Poligr. proizv. no.1:3-7 Ja '60.

Decisions of immense historical significance. Part. zhizn' no.10:3-8 My '60.

For a shorter workday. Vest. sviazi 20 no.3:1-3 F '60.

Free time under communism. N. P. Kostin. Vop. filos. 14 no.5:146-151 '60.

Let's prepare for the conversion of road building organizations to the seven-hour workday. Avt. dor. 23 no.2:1-2 F '60.

Prepare for the conversion to a shorter workingday. A. Holdinov, I. Rakin. Sov. kul. i torg. 13 no.1:22-24 Ja '60.

Preparing for the transition to a seven-hour workday. A. Safonov and others. Den. i kred. 18 no.5:64-68 My '60.

Provide for a successful transition to the shortened workday. Kozh.-obuv. prom. 2 no.3:1-3 '60.

Recreation in the seven hour workday's schedule. E. V. Derlugina. Teor. i prak. fiz. kul't. 23 no.1:40-41 '60.

Russia (1923- U.S.S.R.) Verkhovnyi Sovet. [Measures for completing the transition of all workers and employees to a shorter workday in 1960; materials of the fifth session of the Fifth Supreme Soviet of the U.S.S.R. May, 1960] O meropriiatiiakh po zaversheniiu perevoda v 1960 godu vsekh rabochikh i sluzhashchikh na sokrashchennyi rabochii den'; materialy piatoi sessii Verkhovnogo Soveta SSSR piatogo sozyva (mai 1960 g). Moskva, Gos. izd-vo polit. lit-ry, 1960. 37 p.

The shift will end one hour earlier. Grazhd. av. 17 no.1:13 Ja '60.

Sixty minutes earlier. Vasil' Dvoriankin. Robitnytsia 17 no.1:10 Ja '60.

Transfer to a seven-hour workday and the regulation of wages in river transportation. S. Bak. Rech. transp. 19 no.1:30-31 Ja '60.

Transition to a seven-hour working day on the Sverdlovsk Railroad. IA. G. Chirkovskii, A. N. Kuznetsov. Zhel. dor. transp. 42 no.2:67-68 F '60.

Transition to the seven-hour labor day and the new wage system. V. Milanov. Avt. transp. 38 no.1:4-6 Ja '60.

Workers of the Moscow Board of Radio Communications and Broadcasting have switched to a 7-hour work day schedule. B. P. Borisovskii. Vest. sviazi 20 no.2:3-4 F '60.

HOUSE FURNISHINGS see subdivision under Czechoslovakia; Moscow

HOUSEHOLD APPLIANCES, ELECTRIC

(see also subdivision under Hungary)

Design of electric home appliances. B. M. Frenkin. Vest. elektroprom. 31 no.1:14-15 Ja '60.

More modern electric home appliances. IU. M. Krenov. Vest. elektroprom. 31 no.1:7-10 Ja '60.

Variety of electric home appliances. A. IA. Popovskaia, I. M. Tolmatskii. Vest. elektroprom. 31 no.1:4-7 Ja '60.

HOUSEHOLD APPLIANCES, ELECTRIC—MAINTENANCE AND REPAIR

Repair of electric home appliances. D. A. Lepaev. Vest. elektroprom. 31 no.1:11-13 Ja '60.

HOUSEHOLD PESTS

Rundin, E. I. [Injurious insects in the house] Vrednye nasekomye v zhilishche. Moskva, Gos. izd-vo med. lit-ry, 1960. 22 p.

HOUSING see subdivision under Akmolinsk Province; Moscow

HOUSING—LAW AND LEGISLATION

How they assign dwelling space in houses owned by industrial enterprises and government agencies. F. Potashnikov. Otv. na vop. trud. no.108:23-27 '59.

HRINCHENKO, BORYS DMYTROVYCH, 1863-1910

B. Hrinchenko's primer. H. P. Hrytsenko. Ukr. mova v shkoli 10 no.1:59-62 Ja-F '60.

[illegible]NKO, PAVLO MYKHAILOVYCH, 1880-1950

[illegible] Ostap Vyshnia. [illegible] Kravchenko. Mystetstvo [illegible]

HULLS (NAVAL ARCHITECTURE)

Allowances for fastening fittings before installation and requirements for accuracy in building the structural members of hulls. N. P. [illegible] Trudy NTO sud prom. [illegible]

Calculation of welding deformations in [illegible] for hull building. [illegible] Trudy NTO sud prom. [illegible]

Determining [illegible] the curve of a hull [illegible]

[illegible]

[illegible]

Effect of the accuracy of building hull sections on the quality of [illegible] T. V. [illegible] Trudy NTO sud prom. [illegible]

Methods of [illegible] of plate [illegible] operations [illegible] T. M. [illegible] Trudy NTO sud prom. [illegible]

Methods of [illegible] determination of [illegible]. Trudy NTO sud prom. [illegible]

Problems of tolerances in ship hull building [illegible]. Trudy NTO [illegible]

Shipbuilding [illegible] practices of shipbuilding [illegible]

Technological process of building ship hull [illegible]

HUMAN EMBRYOLOGY see Embryology, Human

HUMANISM

[illegible]

HUMBOLDT, ALEXANDER, [illegible]

Alexander [illegible]

Alexander [illegible]

Alexander [illegible]

[illegible]

HUMERUS [illegible]

Treatment of epicondylitis [illegible]

HUMERUS – FRACTURE

Isolated fractures of the large tuberosity of the [illegible] and their [illegible] treatment. [illegible]

HUMIDITY

(see also [illegible])

[illegible]

[illegible]

HUMUS

(see also subdivision under [illegible] Valley)

Formation [illegible]

[illegible]

[illegible] Alma Ata, [illegible] Akad. nauk Kazakh. SSR, 1959. [illegible]

[illegible]

HUNGARY

[illegible]

HUNGARY – [illegible]

[illegible] in Hungary. [illegible]

HUNGARY – ALUMINUM INDUSTRY

[illegible]

HUNGARY – BUILDING, TOOLS AND IMPLEMENTS

Mechanization of finishing operations in Hungary. V. M. Makeev, [illegible] Mekh. stroi. [illegible]

HUNGARY – CIVIL LAW

[illegible]

HUNGARY – ECONOMIC CONDITIONS

The Hungarian People's Republic. [illegible]

HUNGARY – HOUSEHOLD APPLIANCES, ELECTRIC

[illegible]

HUNGARY – LANDSCAPE GARDENING

[illegible]

HUNGARY – LEATHER INDUSTRY

[illegible]

HUNGARY – LEATHER INDUSTRY – EQUIPMENT AND SUPPLIES

[illegible]

HUNGARY – MACHINE TOOL INDUSTRY

[illegible]

HUNGARY – [illegible]

[illegible]

HUNGARY – POLITICS AND GOVERNMENT

[illegible]

[illegible]

HUNGARY – [illegible]

[illegible]

HUNGARY – RELATIONS [illegible]

[illegible]

HUNGARY – RELATIONS (GENERAL) WITH [illegible]

[illegible]

[illegible]

HUNGARY – [illegible]

[illegible]

HUNGARY – TECHNICAL EDUCATION

[illegible]

HUNGARY – TRANSPORTATION, AUTOMOTIVE

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HUNGARY – [illegible]

[illegible]

HUNTING

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HUNTING – MAPS see [illegible]

HUNTING – TERMINOLOGY

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[illegible]

[illegible]

[illegible]

HYBRID CORN

New hybrids [illegible]

[illegible]

HYDRAULIC PRESSES (Continued)

Selection of basic parameters for hydraulic forge presses. N.S.Dobrinskii, V.N. Kuz'minov. Kuz.-shtam.proizv. 2 no.1:20-23 Ja '60.

Using small presses in the automation of production processes. A.A.Pavlov. Stan.i instr. 31 no.1:29-30 Ja '60.

HYDRAULIC STRUCTURES

(see also subdivision under France)

Operation of hydraulic structures of the Nevinnomyssk Canal in winter. I. I. Brudskii. Gidr.i mel. 12 no.1: 8-13 Ja '60.

Standard plan (planning problem) for a reinforced concrete plant with the yearly output of 17,000 m³ manufacturing products to be used for hydraulic structures. Biul.stroi.tekh. 17 no.1:7-8 Ja '60.

"Technical specifications for determining ice loads on river structures." Biul.stroi.tekh. 17 no.3:16-17 Mr '60.

Using containers in constructing harbors. D.I.Sadovskii. Transp.stroi. 10 no.1:44-46 Ja '60.

Using protective reinforced concrete shells in building hydraulic structures [in Georgian with summary in Russian]. L.D.Betaneli, [illegible] Trudy nauch.-issl.inst.stroi.dela AN Gruz.SSR 8 no.1:11-[illegible] '60.

Uspenskii, V.P. [Method for laying concrete in building hydraulic structures] Opyt [illegible] betonnykh rabot na gidrotekhnicheskom stroitel'stve. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam, 1960. 143 p.

Zamarin, E.A., and V.V. Fandeev. [Hydraulic structures] Gidrotekhnicheskie sooruzheniia. Izd.4. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1960. 623 p.

HYDRAULIC TURBINES

Calculated and experimental power characteristics of runners of the hydraulic turbines with variable pitch blades. Sh.P.Mikhailovskii. Elek.sta. 31 no.1:30-33 Ja '60.

Character of flow through the Francis turbine. V.V.Barlit. Izv.vys.ucheb.zav.; energ. 2 no.12:121-132 D '59.

Dependency of the pressure on the blade of the working wheel of a Francis turbine on the consumption of water. I.N.Pogrebennyi. Izv.vys.ucheb.zav.; energ. 2 no.12: 118-123 D '59.

New diagrams of flowmeter for adjustable blade turbines. I.A.Vladislavlev. Elek.sta. 31 no.[illegible] '60.

Turbines of new foreign hydroelectric power plants. A.A.Belov, N.V.Belova. Energomashinostroenie 6 no.2:40-46 F '60.

Water hammer from the returning wave in hydraulic turbine installations. A.I.Zhmud', Iu.A.Elkovskii, N.N.Robak. Energomashinostroenie 6 no.2:11-15 F '60.

HYDRAULIC TURBINES - BLADES

Automatic hard facing of blades of an impeller hydraulic turbine by means of an electrode strip under flux. F.A.Khomus'ko, D.A.Dudko. Avtom.svar. 13 no.1:62-71 Ja '60.

Stresses in the blade of a Kaplan turbine. A.A. [illegible] Probl.proch.v mashinostr. no.4:[illegible]

HYDRAULIC TURBINES - TESTING

Rating of small hydroelectric power stations on the Urta River. F.Z.Battalov. Trudy [illegible]

Rating turbines of small hydroelectric power stations loaded by means of a rheostat on the network. [illegible] Kholodilin. Trudy [illegible]

HYDRAULICS

Determining the uplift pressure. N.N.Chugaev. Gidr. stroi. 30 no.1:44-49 Ja '60.

Experimental investigations of [illegible] bottom currents in [illegible] ucheb.zav.; stroi.i arkhit. no.[illegible] '59.

Formulas for the Chezy Coefficient. M.P.Savenkov. Gidr.stroi. 30 no.2:51-54 F '60.

Isothermal flow of viscous fluids in [illegible] channels. A.Sh.Azatov, [illegible] Trudy MFI no.[illegible]

Nekrasov, B.B. [Hydraulics] Gidravlika. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 270 p.

Some problems in separating sediments from water in the discharge of mountain rivers. [illegible] Trudy Inst.vod.khoz.i energ. AN Kir.SSR no.5:169-178 '59.

Study of winter transition coefficients in the lower pools of hydro plants (exemplified by the [illegible] Power Station). [illegible] Meteor.i gidrol. no.5:36-41 My '60.

Studying the flow of boiling water through diaphragms and cylindrical nozzles. A.A.Gurchenok. Izv.TPI 101:3-17 '58.

Two-component fluid flow through narrow gaps. A.Kh. Gasanov, M.M.Aliev. Azerb.neft.khoz. 39 no.10: 29-30 O '59.

HYDRAZINE

Effect of vitamin B_6 antagonists (toxopyrimidine and isonicotinylhydrazine) on the content of NH_4, glutamine, glutamic acid and γ-aminobutyric acid in the rat brain [with summary in English]. M.V.Bukin. Ukr.biokhim. zhur. 31 no.6:906-912 '59.

Hydrazine compounds of platinum including ethylene and its analogs. N.G.Kliuchnikov, R.N.Savel'eva. Zhur. neorg.khim. 5 no.1:219-221 Ja '60.

Reactions of hydrazine derivatives. Part 20: Fungicidal action of pyrazolines and hydrazones. A.N.Kost and others. Vest.Mosk.un.Ser.mat., mekh., astron., fiz., khim. 14 no.3:205-211 '59.

HYDROBIOLOGICAL RESEARCH

(see also subdivision under Pacific Ocean)

Activities of the Section of Hydrobiology and Ichthyology of the Moscow Naturalists' Society during the first half of 1959. Biul.MOIP.Otd.biol. 64 no.6:157-158 N-D '59.

HYDROBROMIC ACID

Homolytic addition of hydrogen bromide to 1-fluoro-1, 1-dichloropropene. V.N.Kost and others. Dokl.AN SSSR 132 no.2:406-409 My '60.

HYDROCARBONS

Approximation method of calculating the heats of combustion of hydrocarbons with branched chains. V.IA. Karlovtov, N.D.Lebedeva. Trudy VNIIM no.14:17-20 '59.

Chromatographic method for determining the hydrocarbon content of alcohols obtained by the hydrogenation of fatty acids. A.V.Vorob'ev, D.B.Orechkin, N.V.Popova, I.V. [illegible] '59.

Chromatography of the hydrocarbons obtained from the [illegible] coal bitumen. A.I.Danilevskaia. Trudy [illegible]

Diarylmethanes and their derivatives. Part 6: Syntheses of arylmethylnaphthalenes by the condensation of α-chloromethylnaphthalene with aromatic hydrocarbons. N.K. Moshchinskaia, N.N.Budlinskaia, L.S.Lukhmanchuk. Ukr.khim.zhur. 26 no.1:88-91 '60.

Improving the method for determining the content of hydrocarbons capable of undergoing the sulfonation in benzene, toluene, and xylene. D.A.Aliev, [illegible] '59.

Oxidation of micro concentrations of hydrocarbons on activated alumina. M.P.Korob. Khim.prom. no.7: [illegible] '59.

Preignition conversions of hydrocarbons of the methane series in an internal combustion engine. B.G.Gavrilov and others. Zhur.prikl.khim. 33 no.2:[illegible] F '60.

Rumanian-Soviet conference on problems in the chemistry of hydrocarbons. A.I.Plate. Vest.AN SSSR 30 no.5: 81-82 My '60.

Shtern, V.IA. [Mechanism of hydrocarbon oxidation in the gas phase] Mekhanizm okisleniia uglevodorodov v gazovoi faze. Moskva, Izd-vo Akad.nauk SSSR, 1960. 493 p.

Solubility of acetylenic hydrocarbons in CuCl - HCl solutions. I.M.Dolgopol'skii, A.I.Klebanskii, Z.P. Dobler. Zhur.prikl.khim. 33 no.1:207-212 Ja '60.

Transformations of certain hydrocarbons during hydrogenation in the presence of an aluminum oxide - molybdenum oxide catalyst. A.V.Lozovoi, R.N.Tsirlin. Zhur.prikl.khim. 33 no.1:216-222 Ja '60.

HYDROCHLORIC ACID

Effect of chlorine on the corrosion of metals by hydrochloric acid in aqueous solutions. Iu.I.Sorokin, Kh.L.Tsentsiper. Zhur.prikl.khim. 33 no.1:230-234 Ja '60.

Extraction of hydrochloric acid and calcium chloride with isoamyl alcohol. I.M.Gudin and others. Zhur. neorg.khim. 5 no.1:140-[illegible] Ja '60.

Role of chlorine in the corrosion of metals by hydrochloric acid. Kh.L.Tsentsiper, Iu.I.Sorokin. Zhur. prikl.khim. 33 no.1:[illegible] Ja '60.

HYDRODYNAMICS

[illegible] characteristics of a [illegible] Trudy MAI no.[illegible]

Experience in aerodynamic modeling of open flows. I.V. Lebedev. Izv.vys.ucheb.zav.; energ. 2 no.12:112-117 D '59.

Hydrodynamics of the flowing stream during the mixing of liquids by radial flow paddle impellers. S.IA.Gzovskii. Khim.mash. no.1:17-20 Ja '60.

Investigating the motion of a heavy liquid at near critical speeds. S.N.Mokreev, A.M.Ter-Krikorov. Trudy MFTI no.3:25-59 '59.

Motion of a viscous liquid on a rotating sphere [illegible] outer surface. I.G. [illegible] Trudy MAI [illegible]:149-171 '59.

Operation of a system with natural circulation in once-through and similar regimes. V.I.Tolubinskii. Trudy Inst.tepl.AN URSR no.7:56-68 '52.

Symmetrical oscillations of two liquid layers covering a sphere and rotating with different angular velocities. [illegible] Trudy MAI 16:94-112 '59.

Theoretical calculation of transient processes in a choke-controlled hydraulic servo drive taking the nonlinear characteristics of the choke into account. N.A. [illegible] Trudy MAI no.111:55-66 '59.

Transporting hydro peat pulp over open channels. M.A. Pimenov. Sbor.nauch.trud.Bel.politekh.inst. no.65: 111-125 '59.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Ukraine; Usta Valley, White Russia, also Bratsk Hydroelectric Power Station, Krasnoyarsk Hydroelectric Power Station, Kremenchug Hydroelectric Power Station, Mamakan Hydroelectric Power Station, Rybinsk Hydroelectric Power Station, Stalingrad Hydroelectric Power Station)

Basic objectives of power engineering. I.T.Novikov. Gidr.stroi. 30 no.1:11-14 Ja '60.

Calculating the electric power production of a hydraulic station on the basis of power engineering indices. G.U. Gladovich. Izv.vys.ucheb.zav.; energ. 2 no.12:133-139 D '59.

Calculating the extreme levels in connection with nonstationary movement of flow in the tail water of a hydroelectric power plant. S.S.Pavlovskii. Elek.sta. 31 no.2:[illegible] '60.

Chain type hydroelectric power station. B.Bilkov. Radio no.1:32 Ja '60.

Constructing hydraulic structures without building cofferdams. V.Kh.Gol'tsman. Bet.i zhel.-bet. no.1:23-27 Ja '60.

A day equal to a year. I.T.Novikov. Ogonek 38 no.8: 6-7 F '60.

Determining the calculated level for selection of the working power of a hydroelectric power station operating in a power engineering system. Hoang Chih Chieh. Elek. sta. 31 no.1:28-30 Ja '60.

Determining the degree of effectiveness of working conditions of a hydroelectric power station operating in a power engineering system. I.A.Karmazin. Elek.sta. 31 no.1:23-27 Ja '60.

General planning of areas surrounding construction sites of hydroelectric power stations. S.A.Krinskii. Gidr. stroi. 30 no.2:34-36 F '60.

Methods for improving construction of electric power installations in the U.S.S.R. P.Neporozhnii. Ekon. stroi. no.1:17-26 Ja '60.

Miracles of the century. A.Sadovskii. Neva no.2:146-163 '60.

Plans should be worked out fast, well, and economically. S.Shumel'. NTO 2 no.1:18 Ja '60.

Role of assembly-line methods in lowering costs and speeding up construction of hydroelectric power stations. A.Filatov. Stroi.i arkhit. 8 no.1:13-15 Ja '60.

Selecting speeds for inlet sections of volutes in concrete turbine chambers of hydroelectric power stations. F.F. Gubin, I.I. Mikhailov, E.I. Mitin[illegible]. Izv.vys.ucheb. zav.; stroi.i arkhit. no.8:73-81 '58.

Using through-type floating dock-blocks in building power houses of run-of-river and storage electric-power plants. L.B.Bernshtein. Gidr.stroi. 30 no.1: 32-36 Ja '60.

HYDROELECTRIC POWER STATIONS - EQUIPMENT AND SUPPLIES

Rapid assembling of water-power engineering equipment at large multiunit hydroelectric power stations. M.A. Bakovskii. Gidr.stroi. 30 no.2:7-13 F '60.

HYDROELECTRIC POWER STATIONS - MODELS

Cross section model of a hydraulic power station. L.Bobrovkin. Politekh.obuch. no.12:76-77 D '59.

HYDROFLUORIC ACID

Studying solutions of Mn (VI) in hydrofluoric acid. I.S. Nikolaev, A.A.Opalovskii. Izv.Sib.otd.AN SSSR no.12: 49-58 '59.

HYDROGEN

Determination of the rate of the reaction between atomic oxygen and molecular hydrogen. V.V.Azatian, V.V. Voevodskii, A.B.Nalbandian. Dokl.AN SSSR 132 no.4:864-867 Je '60.

Diffusion of electrolytic hydrogen through iron plates, and the mechanism of hydrogen overvoltage on iron [with summary in English]. I.I.[illegible], V.A.Titov. Zhur. fiz.khim. 34 no.1:41-46 Ja '60.

Hydrogen bond and the polymerization capacity of o-, m-, and p-substituted N-phenylmethacrylamides. Part 4 [with summary in English]. P.A.Sokolova, G.M. Chetyrkina, V.N.Nikitin. Vysokom.soed. 1 no.11: 1688-1695 N '59.

Kinetics and mechanism of nickel oxide reduction by hydrogen [with summary in English]. A.N.Kuznetsov. Zhur.fiz.khim. 34 no.1:32-40 Ja '60.

Overvoltage of hydrogen evolution on an amalgamated zinc electrode in concentrated sulfuric acid solutions [with summary in English]. IA.V.Durdin, E.G. TSventarnyi. Vest.LGU 15 no.10:80-92 '60.

Production of hydrogen for aerological purposes by the use of aluminum. I.M.Dolgin. Probl.Arkt. no.5:110-117 '58.

Rates of the elementary stages and the mechanism of cathodic evolution of hydrogen [with summary in English]. L.I.Krishtalik. Zhur.fiz.khim. 34 no.1:117-126 Ja '60.

Refraction of the hydrogen bond in inorganic compounds [with summary in English]. S.S.Batsanov. Zhur.fiz. khim. 34 no.1:68-77 Ja '60.

HYDROGEN--ANALYSIS

Rapid methods of analysis for trace elements. Report No.17: Simultaneous determination of trace amounts of carbon, hydrogen, mercury, and halogen in a single sample of organic matter [with summary in English]. M.O.Korshun, N.S.Sheveleva, N.E.Gel'man. Zhur. anal.khim. 15 no.1:99-103 Ja-F '60.

HYDROGEN-ION CONCENTRATION

Conference on the measurement of pH. M. A. Portnov. Med. prom. 14 no. 2:61-63 F '60.

Determining pH of weakly buffered mediums R L Babkin, K P Epeikina Teploenergetika 7 no 2·66-70 F '60

Effect of pH on the electrode potential of stainless steels. IU. M Korovin, I B Ulanovskii Zhur prikl khim 33 no 1·167-172 Ja '60

HYDROGEN NUCLEUS see Protons

HYDROGEN PEROXIDE

Catalytic oxidation of aliphatic amines by hydrogen peroxide. O. L. Lebedev, S. N. Kazarnovskii Zhur. ob. khim. 30 no. 5 1631-1635 My '60

Electronic paramagnetic resonance spectrum of a free radical formed by irradiating H_2O_2 with ultraviolet light. S D Kaitmazov, A M. Prokhorov Zhur fiz khim. 34 no. 1 227-228 Ja '60.

HYDROGEN SULFIDE

(see also subdivision under Kuybyshev Reservoir)

Thermodynamic constant of the first stage of hydrogen sulfide dissociation in aqueous solutions at different temperatures. F I Golovin Gidrokhim mat. 29 179-194 '59

HYDROGEN SULFIDE—PHYSIOLOGICAL EFFECT

Biophysical properties of human skin. Changes in skin elasticity and lymph circulation following mud treatments and baths. V V Efimov, N M. Ol'shanskaia. Vop kur., fizioter. i lech fiz kul't. 25 no 1 57-62 '60.

Changes in the optic chronaxia of patients with hypertension under the influence of hydrogen sulfide and radon baths. K. G Khvorostova Vop kur., fizioter. i lech fiz. kul't. 25 no. 1 52-57 '60.

HYDROGENATION

Hydrogenation of 2-methyl-1-butene in the presence of platinum black, in a medium of deuterated alcohol. B. A. Kazanskii, G. M Panchenkov, V. I. Lazarev. Dokl. AN SSSR 132 no. 4·832-835 Je '60.

Transformations of certain hydrocarbons during hydrogenation in the presence of an aluminum oxide - molybdenum oxide catalyst A V Lozovoi, R N TSirlin. Zhur prikl khim 33 no 1 216-222 Ja '60

HYDROGRAPHIC SURVEYING

(see also subdivision under Alaska, Antarctica, Lazarev region)

Method for photometric treatment of aerial photographs in determining the depth of bodies of water D. A. IAnutsh. Probl. Arkt no. 5 99-110 '58

HYDROGRAPHY see subdivision under Aral Sea, Trans-Ili Ala-Tau

HYDROLOGY

(see also subdivision under Tiflis region; Uglich Reservoir, Volga Reservoir)

Concerning L. K. Davydov and N G. Konkina's book "General hydrology." V. V. Leont'eva. Meteor. i gidrol no. 5 51-56 My '60

Popov, L V. [Aerial photographic surveying and the study of inland waters] Aerofotos"emka i izuchenie vod sushi. Leningrad, Gidrometeoi. izd-vo, 1960. 166 p.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—RESEARCH

(see also subdivision under Transbaikalia)

Radioactive method of measuring concentrations of river sediments. A. M. Dimaksian Trudy GGI no. 77 129-141 '60.

Session of the Scientific Council of the State Hydrological Institute on the results of scientific research in 1959. K. P. Klibashev. Meteor i gidrol. no. 5·65-66 My '60.

HYDROLOGY—TABLES, CALCULATIONS, ETC.

In the Commission for the Approbation of Methods of Hydrological Calculations Meter i gidrol. no 5 63-65 My '60.

HYDROLYSIS

Comparative characteristics of the rate of hydrolysis of polysaccharides derived from various vegetable raw products I. I. Korol'kov, G D. Paramonova, Huo Yuan-lu. Zhur. prikl. khim. 33 no. 2 431-438 F '60.

Continuous neutralization of hydrolyzates I I Korol'kov and others Gidroliz i lesokhim prom 13 no 1 17-20 '60

A general method for mild partial hydrolysis of scleroproteins and its application to silk fibroin [with summary in English] K. G. Ioffe, G IA. Lamm, M. M Mukhamedziev Biokhimiia 24 no. 6:1109-1112 N-D '59.

Mechanochemical method of converting cellulose into a readily hydrolyzable state V. I Sharkov, V P. Levanova Gidroliz. i lesokhim prom 13 no 1 5-7 '60

Method of hydrolysis of protein preparations in a comparative analysis of their amino acid composition [with summary in English]. IU. B. Filippovich. Vop. pit. 19 no. 1 72-73 Ja-F '60.

Processing cotton stalks by means of hydrolysis S. I Belen'kii, Z K Klimova Gidroliz i lesokhim prom 13 no 1 7-10 '60

Purification of furfurole-containing waste waters by means of a biochemical filter E E Drublianets, Z T Ivanova Gidroliz i lesokhim prom 13 no 1 10-11 '60

HYDROMETALLURGY

Hydrometallurgical treatment of alkaline melts obtained as a result of zinc removal from lead V. S. Lovchenko, B M. Lipshits. TSvet. met. 33 no 1 76-77 Ja '60.

HYDROPEROXIDES

Interaction between isopropylbenzene hydroperoxide and rongalite, and the use of this reaction for initiating polymerization in acid media [with summary in English]. B. E. Kutsenok, E. I Tiniakova, B A Dolgoplosk. Vysokom soed 1 no 12 1830-1839 D '59.

HYDROPHOBIA see Rabies

HYDROPLANE BOATS see subdivision under Great Britain

HYDROTHERAPY

Balneological reaction from the point of view of the balneologists of different countries. G A. Nevraev, M E. Manikov. Vop kur , fizioter. i lech. fiz. kul't. 25 no. 1 71-76 '60.

HYGIENE

"Book on health." Reviewed by F. G. Krotkov. Zdorov'e 6 no 2·32 F '60

Deglin, V. IA. [Useful habits and daily regimen] Poleznye privychki i rezhim dnia. Moskva, Gos. izd-vo med. lit-ry, 1960. 25 p. (Nauchno-populiarnaia meditsinskaia literatura)

Diseases of fashion. L. N. Mashkilleison. Zdorov'e 6 no. 3:26-27 Mr '60.

Health and beauty. Oktiabr' 37 no. 1·122 Ja '60

HYGIENE, RURAL see Public health, Rural

HYGROMETRY

Dew-point hygrometer. G. N. Alianchikova Trudy NIIGMP no 7 55-62 '59

HYMENOPTERA

Malyshev, S. I. [Hymenopterans, their origin and evolution] Pereponchatokrylye, ikh proiskhozhdenie i evoliutsiia. Moskva, Gos. izd-vo "Sovetskaia nauka," 1959. 290 p.

HYPERINSULINISM see Insulin shock

HYPERTENSION

Change in the reflex reaction of the vessels of the extremities to adrenaline and acetylcholin in experimental hypertension in dogs Z T Samoilova Gip bol no 5 112-122 '58

Changes in the optic chronaxia of patients with hypertension under the influence of hydrogen sulfide and radon baths. K. G Khvorostova. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1 52-57 '60

Character of elastotonometric curves in hypertension [with summary in English] E. I Anina Oft. zhur 15 no 2 93-98 '60

Comparative data from an investigation of the higher nervous function in patients with hypertension and rheumatic fever. Kh. Kh Mansurov. Gip. bol. no 5: 30-43 '58

Comparative investigation of the higher nervous activity of hypertension patients by the clinical and the oral-motor methods K. N Zamyslova. Gip. bol. no 5:3-10 '58

Comparison of the results of an investigation of the higher nervous activity of patients with hypertension and coronary insufficiency as shown by data from clinical, electroencephalographic, and oral-motor methods. K N. Zamyslova, L. I Il'ina. Gip. bol. no 5.19-30 '58.

Development of myocardial infarct in hypertension patients following treatment with reserpine. A P. Matusova. Kaz. med zhur 40 no 6:86-88 N-D '59.

Dispensary treatment of hypertension patients at the factory and the carrying out of prophylactic measures. N K Beliaeva. Gip bol. no. 5:184-195 '58

Dispensary treatment of hypertension with dibazole. P. M. Kozhura. Zdrav. Belor. 5 no. 1:33-34 Ja '60.

Dynamics of the bromine content of the blood and of the higher nervous activity in hypertension patients following treatment with sodium bromide L. A Kuliavina Gip bol. no 5 43-52 '58

Electroencephalographic investigation of changes in the central nervous function in hypertension patients following the use of various neurotropic substances T. N. Ivannikova Gip. bol no. 5 52-70 '58.

Hypertension. A. V. Sumarokov. Fel'd. i akush. 25 no. 2: 16-21 F '60.

Influence of aminazine on arterial pressure and on the central nervous function in dogs with experimental hypertension Gip. bol no 5:136-154 '58.

Influence of bilateral, single-stage ischemization of the kidneys on azotemia, the composition of the urine, and the pathomorphological structure of the renal tissue. N. T. Kovaleva. Gip. bol no. 5:122-136 '58.

Influence of ganglion-blocking drugs on coronary circulation in hypertension patients E. V Erina Gip bol no 5·174-183 '58.

Level of arterial pressure and the frequency of hypertension among female telegraph and telephone workers G. L Spivak Gip bol no 5:196-206 '58

Morphology of the spinal ganglia in hypertension. A. S Ermolenko. Zdrav. Turk. 3 no. 6 20-24 N-D '59.

"Most human of all diseases." Boris Lapin. Sov. Sol r no. 3 48-49 '60.

Nature of so-called malignant hypertension. T. A. Mart'ianova Gip bol no. 5 70-82 '58

Occurence of hypertension among tobacco factory workers and the influence of nicotine on arterial pressure under experimental conditions. K K Maslova Gip bol no 5·206-216 '58

Pathogenetic therapy and prophylaxis of hypertension in a new light. V I Katerov, R Kh Burnasheva. Kaz med. zhur 40 no 6·15-18 N-D '59

Phosphorus compounds of the blood in patients with coronary atherosclerosis and hypertension. V. A Loraki [illegible] Kaz. med zhur. 40 no. 6:19-23 N-D '59

Reactivity of the cerebral cortex and changes in the higher nervous activity in experimental renal hypertension V. N Mentova. Gip bol no 5·99-112 '58

Treatment of hypertension patients with serpasil. Z A. Il'ina. Gip bol no 5 167-171 '58

Treatment of patients with hypertension under polyclinic conditions. I. V. Sheremet. Sov. med. 24 no. 1 91 95 Ja '60.

Use of anticoagulants in hypertensive patients with occurrences of stenocardia and chronic coronary insufficiency. A. I. Surokina, I. I. Krys. Vrach. delo no 12 1251-1253 D '59.

Use of hypochloride diets to treat hypertension. G. S. Atamanov. Fel'd. i akush. 25 no. 2·21-24 F '60.

Use of redergam in the treatment of hypertension T A Mart'ianova Gip bol. no 5;154-167 '58

HYPERTHYROIDISM

Case of generalized osteoporosis in thyrotoxic (Basedow's) goiter. IA. I. Kots. Probl. endok. i gorm. 5 no. 5. 109-110 S-O '59.

Hexonium as a drug used in preparing patients with a pronounced form of thyrotoxicosis for surgery [with summary in English]. IA. L. Levi, G. I. Semenova, N. G. TSerikovskaia Probl endok. i gorm. 5 no. 5 91 81 S O '59.

Marantic form of Basedow's disease with psychosis of the amential type and Basedow's coma [with summary in English]. I. B. Galant. Probl. endok. i gorm. 5 no. 5 65-66 S-O '59.

Topography of skin temperature in thyrotoxicosis patients [with summary in English]. P. I. Fedorova. Probl. endok. i gorm. 5 no. 5:67-72 S-O '59.

HYPNOSIS

Electrophysiological study of conditioned and unconditioned reflexes during different phases of hypnosis in man A. I. Maronina. Trudy Inst. fiziol. 8:77-80 '59.

HYPOCHLORITE

Kinetics of the oxidation of graphite by hypochlorite and hypochlorous acid. O. S. Ksenzhek, Z. V. Solovei Zhur. prikl. khim. 33 no. 2.279-283 F '60.

HYPOCHLOROUS ACID

Kinetics of the oxidation of graphite by hypochlorite and hypochlorous acid. O. S. Ksenzhek, Z. V. Solovei. Zhur prikl. khim. 33 no. 2:279-283 F '60.

HYPOLEUCEMIA see Leucopenia

HYPOMICROBIUM

The developmental cycle and nuclear apparatus of Hyphomicrobium vulgare Stutz. et Hartleb [with summary in English]. G. A. Zavarzin. Mikrobiologiia 29 no. 1 38-42 Ja-F '60.

HYPOPHYSECTOMY

Change in certain indexes of protein metabolism following hypophysectomy [with summary in English]. S G Gasanov. Probl. endok. i gorm. 5 no. 5:40-45 S O '59.

Method for the extirpation of the hypophysis in rats [with summary in English]. A. I. Ulovich. Probl. endok. i gorm. 5 no. 5:32-39 S-O '59.

HYPOTHALAMUS

Role of the hypothalamo-pituitary system in inhibiting the action of cadmium ions on conditioned reflex activity in rats. Report No. 1 [with summary in English]. A. A. Galoian. Probl. endok. i gorm 5 no. 6:37-43 N-D '59.

HYPOTHERMIA

Restoration of vital functions in monkeys after mortal exsanguination under hypothermic conditions [with summary in English] V. A. Negovskii. Biul eksp biol i med. 48 no 11.30-34 N '59

IARMATOV, KAMIL

Kamil IArmatov. A. Tiumeneva. Uzbekiston 18 no. 10 [illegible] O '59.

ICE
(see also subdivision under Antarctic regions, Arctic regions, Baltic Sea, Nevinnomyssk Canal)
Theoretical prerequisites of the method used in forecasting the disintegration of permanently frozen ground and ice fields. T. IA. Gorazdovskii. Probl. Arkt. no.6:81-93 '59.
The theory of tidal rarefactions, compactions, and compressions of ice in the open sea. A. P. [illegible] Probl. Arkt. no.6:5-17 '59.
VNIKhI snow-icing machine [with summary in English] V. Bobkov. Khol. tekh. 37 no.1:15-16 Ja-F '60.

ICE—MANUFACTURE
Manufacture of ice for model studies by atomizing supercooled water. Z. I. [illegible] Probl. Arkt. no.5:91-98 '58.

ICE—STORAGE
Selecting the optimum thickness for ice [illegible] S. N. Malafeev. Khol. tekh. [illegible] no.1 [illegible]

ICE—TEMPERATURE see subdivision under Arctic regions

ICE-CREAM FREEZERS
Apparatus for a fast freezing and hardening process of making ice cream [illegible] Khol. tekh. 37 no.1 [illegible]

ICE CREAM, ICES, ETC.
Azov's book "Ice cream [illegible]" N. Savinovskii. Khol. tekh. [illegible]
New varieties of ice cream [illegible] G. Azov. Khol. tekh. [illegible]

ICE ON RIVERS, LAKES, ETC.
Culvert foundations to be built [illegible] N. P. Zavadin. [illegible] '59
Expediency of [illegible] N. P. Zavadin. [illegible] '60
"Technical specifications for [illegible] river structures." [illegible] Mr '60.

ICELANDIC LITERATURE [illegible]
Meetings in Iceland. M. I. Steblin-Kamenskii. [illegible] SSSR. Otd. lit. i iaz. 18 no.6 [illegible] '59.

ICHTHYOLOGICAL RESEARCH
(see also subdivision under Fisheries)
Methodological problems of [illegible] I. F. Pravdin. [illegible] '59

ICHTHYOLOGY—NOMENCLATURE
Popular names of fishes [with summary in English] [illegible] Lindberg. Zool. zhur. 39 no.12 [illegible]

IDEALISM
Lenin's method of criticizing idealist [illegible] concepts. P. V. Kopnin. Vest. Mosk. un. [illegible] 52-59 My '60.
Some methods used by idealists in their attempts [illegible] materialism. [illegible] Petrov. [illegible] Filos. nauki no.4:50 [illegible] '59.

IDEAS, REPRODUCTION OF see [illegible] (Psychology)

IDENTITY, PERSONAL see Personality

IGNITION DEVICES see Magnetos

IL'F, IL'IA ARNOL'DOVICH, 1897-1937
Vulis, A. Z. [Il'f, Petrov; a study of their creative work] I. Il'f, E. Petrov; ocherk tvorchestva. Moskva, Izd-vo Khudozh. lit-ry, 1960. [illegible] p.

ILI VALLEY—RUNOFF
Formation and numerical forecasting of [illegible] the Ili River. V. L. [illegible] Trudy KazNIGMI no.12:3-63 '59

ILI VALLEY—TAKYR
Some features of takyr [illegible] A. A. Litvinova. Izv. AN Kazakh. SSR [illegible] no.3:17-35 '59.

ILIAC VEIN
Reflexogenic function of the [illegible] Bokolova. I. M. [illegible] 71-77 Ja '60

IL'IN, M., 1896-, pseud. see Marshak, Il'ia Iakovlevich

IL'INSKII, IGOR' VLADIMIROVICH
Igor' Il'inskii and his book "About myself." [illegible] Reviewed by A. Malakhov. [illegible] 261-263 Ja '60.

ILIUKHIN, NIKOLAI VASIL'EVICH, 1892-1958
Nikolai Vasil'evich Iliukhin; obituary. [illegible] 7 no.3:48 Mr '60.

ILLEGAL LIBRARIES
Inextinguishable sparks [illegible] Zvezda no.11:163-169 N '59

ILLUSTRATED PERIODICALS
Typesetting and composing journals according to schematic typewritten copies. A. D. D[illegible], I. P. Moskalenko, V. G. Il'in. Poligr. proizv. no.1:19 Ja '60

ILLUSTRATION OF BOOKS
Painter A. [illegible] D. [illegible] [illegible] 33 no.2 [illegible] '60
A painter and his book. I. Vlodych. Mystetstvo 6 no.6:32-33 N-D '59

IMIDAZOLECARBOXYLIC ACID
Imidazole series. Part 8. Synthesis of some derivatives of imidazole- and imidazole-4,5-dicarboxylic acids. P. M. Kochergin. Zhur. ob. khim. 30 no.5:1528-1530 My '60

IMMUNITY
[illegible], I. V. [Role of immunity and allergy in the treatment of patients with infectious diseases; lectures for physicians and students of [illegible]] Rol' immuniteta i allergii v lechenii infektsionnykh bol'nykh; lektsii dlia vrachei i studentov. Moskva, 1959. 40 p.
(MIRA 13)

IMPACT
[illegible]
[illegible] theory of the impact of solid bodies [illegible]
Generalization of the theory of lateral impact on elastic [illegible] A. I. Pavlenko. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.2:110-110 Mr-Ap '60.

[illegible]
[illegible]

[illegible]
[illegible]

INCOME TAX
[illegible]

INCOME TAX—ACCOUNTING
[illegible]

[illegible] ACID
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

INDIA—BIBLIOGRAPHY see Bibliography—India

INDIA—ECONOMIC ASSISTANCE, RUSSIAN
Symbol of [illegible] friendship. Bhabani Bhattacharya. [illegible] no.12 [illegible] '59

INDIA—ECONOMIC CONDITIONS
[illegible], A. N. [New States of India; a general economic study] (The prospects and problems of the new States and their [illegible] formed after the States reorganization [illegible] Translated from the English] [illegible] Moskva, Izd-vo inostr. lit-ry, 1959. 71 p.
(MIRA)
P[illegible], A. A. [Independent India] Nezavisimaia Indiia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 101 p.

INDIA—FOREIGN RELATIONS—RUSSIA
[illegible]
[illegible] Nov. vremia, 18 no.2 [illegible]
[illegible] of greetings. N. [illegible] Ogonek 38 no.? [illegible]
A gift of [illegible] N. Drachinskii. Ogonek [illegible]
The tree of friendship is blossoming. N. Drachinskii. Ogonek 38 no.4:6 Ja '60

INDIA—FOREIGN RELATIONS—UNITED STATES
United States policy toward India. Sov. Vost. no.5:[illegible] My '60

INDIA—GREEKS
"The Indo-Greeks" [in English] by N. K. Narain. Reviewed by V. M. Mosson. Vest. drev. ist. no.2:191-199 '60.

INDIA—HISTORY
Ashrafian, K. Z. [The Delhi Sultanate; on the history of the economic system and social relations in the 13th-14th century] Deliiskii sultanat; k istorii ekonomicheskogo stroia i obshchestvennykh otnoshenii, XIII-XIV vv. Moskva, Izd-vo vostochnoi lit-ry, 1960. 294 p.

INDIA—HOSPITALS
Kalavati Saran. N. Pastukhov. Ogonek 38 no.5:26-27 Ja '60

INDIA—POLITICAL SCIENCE
"Arthashastra" as an ideological monument of ancient India ("Arthashastra or political science." Translated from the Sanskrit. Reviewed by N. P. Anikeev). Vop. filos. 14 no.5:161-166 '60

INDIA—POLITICS AND GOVERNMENT
Pronin, A. A. [Independent India] Nezavisimaia Indiia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 101 p.

INDIA—PROHIBITION
Rations for export. K. Nikolaev. Sov. Vost. no.5:56 My '60

INDIA—RELATIONS (GENERAL) WITH RUSSIA
Kalavati Saran. N. Pastukhov. Ogonek 38 no.5:26-27 Ja '60
Symbol of noble friendship. Bhabani Bhattacharya. Inostr. lit. no.12:242-246 D '59

INDIA—SUGAR CANE
In Nepal and India. A. V. Budnyi. Sakh. prom. 34 no.2:66-67 F '60

INDIA—TECHNICAL ASSISTANCE, RUSSIAN
Contract to India. [illegible] V. [illegible] no.3:20-25 [illegible]
Steel and friendship. Ogonek 38 no.2:1 Ja '60.

INDIA—TECHNICAL ASSISTANCE, WEST GERMAN
Rations for export. K. Nikolaev. Sov. Vost. no.5:56 My '60

INDIA—TRANSPORTATION
Transportation in India and the outlook for its expansion. V. A. Prepodavov. Zhel. transp. 42 no.2:[illegible] '60

INDIA—WATER SUPPLY, INDUSTRIAL
Industrial water supply in India. [illegible] Vod. i san. tekh. no.2:[illegible] '60

INDIAN CULTURE
We love and appreciate the culture of India. P. [illegible] Inostr. lit. no.1:[illegible] '60.

INDIANS OF MEXICO
Indians and their culture. A. Vierman. [illegible] no.10:[illegible] '60.

INDICATORS AND TEST PAPERS
Hydron II, a new indicator for the complexometric determination of calcium in the presence of magnesium [with summary in English] I. G. Mustafin, L. A. Krach kova. Zhur. anal. khim. 15 no.1:20-23 Ja-F '60.

INDIGESTION see Dyspepsia

INDIUM
Analysis of pure metals; determination of admixtures of lead and zinc in indium and thallium. V. A. N[illegible] and others. Zav. lab. 26 no.2:[illegible] '60
Behavior of tin and indium in colloform aggregates of cassiterite from the [illegible] deposit in the [illegible] Khingan Mountains [with summary in English]. G. N. Komarova, I. F. Novotonskaia. Geokhimiia no.8:710-720 '59.

INDIUM—ANALYSIS
Completeness of the precipitation of indium from tin-containing materials. I. S. Levin, R. A. Polovinkina, O. M. Polonina. Zav. lab. 26 no.2:148-149 '60
Separation of indium and gallium by means of diethyldithiocarbamate [with summary in English]. A. I. Busev, T. N. Zholondkovskaia, Z. M. Kuznetsova. Zhur. anal. khim. 15 no.1:49-56 Ja-F '60.

INDIUM ANTIMONIDE—MAGNETIC PROPERTIES
Galvanomagnetic phenomena in InSb in pulse magnetic fields. Kh. I. Amirkhanov, R. I. Bashirov, IU. E. Zakiev. Dokl. AN SSSR 132 no.4:793-796 Je '60.

INDIUM ANTIMONY TELLURIUM ALLOYS—ELECTRIC PROPERTIES
New semiconductor compound in the system In - Sb - Te. N. A. Goriunova, S. I. Radautsan, G. A. Kiosse. Fiz. tver. tela 1 no.12:1858-1860 D '59

INDIUM ARSENIDE—ELECTRIC PROPERTIES

Thermomagnetic Nernst-Ettingshausen effect in indium arsenide. O V. Emel'ianenko, N V Zotova, D N. Nasledov Fiz tver. tela 1 no 12'1868-1871 D '59

INDIUM COMPOUNDS

Complexes of indium with trihydroxyglutaric acid. N. K. Davidenko Zhur neorg khim 5 no 1,48-55 Ja '60

INDOLACETIC ACID

Polarity of shoots and the effect of heteroauxin on it [with summary in English] N. S. Turkova, G L Kliachko-Gurvich Biul. MOIP. Otd. biol. 64 no. 6,73-86 N-D '59.

INDOLE PYRUVIC ACID

Tryptophan synthesis from indolylpyruvic acid in plants [with summary in English]. V L Kretovich, O L Polianovskii Biokhimiia 24 no 6 995-1001 N-D '59

INDONESIA—POLITICS AND GOVERNMENT

Indonesian people struggle for the full independence of their country A Zaikin Part zhizn' Kazakh 30 no. 2 65-69 F '60

Why did they restore the Constitution of 1945 in Indonesia? V Fedorov. Otv na vop trud. no. 108 45-49 '59.

INDONESIA—RELATIONS (GENERAL) WITH RUSSIA

In the name of happiness O Chechetkina Ogonek 38 no 8 8 F '60

INDUCTION HEATING

Generating damped high-frequency oscillations by means of controlled ionic discharge gaps. A D. Artym, A. V. Donskoi. Elektrichestvo no. 1 59-63 Ja '60.

INDUSTRIAL ACCIDENTS

Legal concept of "accident" in the pretrial investigation of cases concerning the violation of industrial safety rules I Lanovenko Rad pravo no 6:60-65 N-D '59.

INDUSTRIAL BUILDINGS

(see also subdivision under Canada, Voronezh)

Construction of industrial buildings. M. G Kostiukovskii. Prom stroi 38 no 1;54-57 '60

Give unremitting attention to the most important construction projects. Prom. stroi. 39 no. 2'2-4 '60.

INDUSTRIAL CAPACITY see subdivision under Kazakhstan

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIRS

Gel'berg, B. T., and G. D. Pekelis. [Technology and organization of the repair of equipment] Voprosy tekhnologii i organizatsii remonta oborudovaniia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 287 p.

INDUSTRIAL HYGIENE

(see also subdivision under Chernovtsy Province; Gorkiy, Lyubertsy)

Callisthenics in industry. S. Aksel'rod, IU. Kir'iakov. Okhr. truda i sots. strakh no. 1 54-55 Ja '60.

Follow-up on our articles. Okhr. truda i sots. strakh. no. 1,78 Ja '60

Recreation in the seven hour workday's schedule. E. V. Derlugina. Teor. i prak fiz. kul' 23 no. 1'46-51 '60

Technology is improving but air pollution does not decrease. G. Korshunov, P. Sobolev. Okhr. truda i sots. strakh. no. 1,39-40 Ja '60.

Where there is a will there is a way. G. Gogitashvili. Okhr. truda i sots. strakh. no. 1:40-41 Ja '60.

INDUSTRIAL MANAGEMENT

(see also subdivision under Kazakhstan; Tatar A S S. R ; Vinnitsa Economic region)

The A B C's of thrift ("Learn to economize; stories about the economics of a plant." by A. Birman. Reviewed by IA. Tavrov). Novyi mir 36 no. 1:272-274 Ja '60.

Analyzing the methods for the determination of the economic efficiency of the new equipment and procedures in light industry. T. A. Gryzlova. Izv. vys. ucheb. zav. ; tekh. leg. prom. no. 6'10-22 '59.

Frozen millions. Znan.-sila 35 no. 2;5 F '60.

Improving methods of planning and accounting for industrial production. B. Naimanov. Plan. khoz. 37 no. 5: 84-86 My '60.

"Learn how to manage; stories about the economy of industrial enterprises" by A. Birman. Reviewed by A. Omarov. Mol. komm. no. 1:124-126 Ja '60.

The scientific approach to solving problems in industrial management. G. Slezinger. Biul. nauch. inform. : trud i zar. plata no. 11,3-7 '59.

Study of means for improving the evaluation of the operational work of industrial enterprises. A. Zholkevich. Plan. khoz. 37 no. 5;91 My '60.

Why we should not be wasteful of any material. V. Kunakov. Otv. na vop. trud. no. 105:8-13 '59.

INDUSTRIAL ORGANIZATION

(see also subdivision under Europe, Eastern; Moscow)

Introducing a standard system of dividing ships into structural engineering, planning and accounting units and weight groups IU A. Makedon Trudy NTO sud prom. 8 no 2'23-33 '59

Our national economy needs operative administration. M. Savel'ev. Sov. deput. trud. no. 1 14-20 Ja '60.

Planning and accounting documentation is the basis of industrial planning and organization M. A. Pilaskov. Trudy NTO sud. prom 8 no 86-90 '59

Regulating the management of industrial enterprises. A. Bondarenko, I. Kuznetsov. Biul. nauch. inform. . trud i zar. plata no. 11;14-20 '59.

Requirements of managing and accounting units for improving interfactory industrial operations planning P.S. Golubev Trudy NTO sud prom. 8 no 2 19-21 '59.

Structural engineering, and planning and accounting units in shipbuilding and their purpose. IA V. Verdnikov. Trudy NTO sud prom. 8 no 2:69-86 '59

INDUSTRIAL RAILROADS see Railroads, Industrial

INDUSTRIAL RELATIONS

New methods used by capitalist monopolies in their struggle against workers. I. Kiselev, M. Moshenskii. Kommunist 37 no. 9'124-134 Je '60.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

Consultations. Bezop. truda v prom. 4 no. 2'35-36 F '60.

Readers' letters. Bezop. truda v prom. 4 no. 2'34 F '60.

Soiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [General safety and sanitation regulations for enterprises and organizations of the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958, and coordinated with the Main State Inspection of the U. S. S. R. on September 27, 1958] Obshchie pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii dlia predpriiatii i organizatsii mashinostroeniia Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Soglasovany s Glavnoi Gosudarstvennoi inspektsiei SSSR 27 Sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 57 p.

Soiuz rabochikh mashinostroeniia TSentral'nyi komitet Safety and sanitation regulations for operating high-frequency units in the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri rabote na vysokochastotnykh ustanovkakh v mashinostroitel'noi promyshlennosti. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960. 16 p.

INDUSTRIAL STATISTICS

Statistical indices of the degree of production rhythm and plan fulfillment. F. D. Livshits. Uch. zap. po stat. 5: 95-162 '59.

INDUSTRIAL TELEVISION

Industrial television equipment for investigation of boreholes. A. G. Kondrat'ev, M. I. Lukin. Tekh. kino i telev. 4 no. 2'52-56 F '60.

INDUSTRIAL WASTES

Bozhenov, P. I., and M. S. Satin. [Autoclave-hardened foamed concrete made with industrial wastes] Avtoklavnyi penobeton na osnove otkhodov promyshlennosti. Leningrad, Gos izd-vo lit-ry po stroit., arkhit i stroit materialam, 1960. 102 p.

Physical and mechanical properties of wastes (residues). I. S. Fedorov, V. I. Mazurina. Gidr. stroi. 30 no. 2:41-44 F '60.

INDUSTRIES, LOCATION OF see subdivision under Ukraine

INDUSTRY—ABSTRACTS

[Economics of industry; abstracts nos. 293-1140.] Ref. sbor. :Ekon. prom. nos. 2-3 Mr, My '60.

INEQUALITIES (MATHEMATICS)

Certain inequalities for regular functions of two complex variables. I I. Bavrin. Uch. zap. MOPI 77,79-90 '59.

One inequality. G. P. Bevz. Mat. v shkole no. 1:63 Ja-F '60.

INERTIA, MOMENTS OF see Moments of inertia

INFANTILE PARALYSIS see Poliomyelitis

INFANTS—CARE AND HYGIENE

Letters to mothers. Third letter. M. M. Bubnova. Zdorov'e 6 no. 3:12-13 Mr '60.

Letters to mothers; second letter. M. M. Bubnova. Zdorov'e 6 no. 2:12-13 F '60.

Peculiarities in the care of children entering day nurseries during the first year of life. V. I. Dobreitser. Vop. okh. mat. i det. 5 no. 1:68-73 Ja-F '60.

TSoppi, E. E., and T. S. Sokol [illegible] nurse] Rabota patronazhnoi [illegible] izd-vo med. lit-ry, 1960. 91 [illegible] medrabotnika)
(DNLM)

INFANTS—DISEASES

Analysis of the possible [illegible] children. A. S. [illegible] no. 1,45-50 Ja-F '60.

Vitamin B_{12} and folic acid [illegible] of chronic nutrition disorders [illegible] Vop. okh. mat. i det. 5 [illegible]

INFANTS—NUTRITION

Are dry mixtures and children [illegible] Arkad'eva. Zdorov'e 6 [illegible]

Infant feeding M. N. [illegible] Gromkovskaia Med [illegible]

New food products for infants [illegible] robkina Med sestra 19 [illegible]

INFANTS (NEWBORN)—DISEASES

Cerebral complications of [illegible] R. B. Sheidina. Vop. okh. mat. [illegible] '60.

Diagnosis of so-called [illegible] in the examination of the [illegible] L. IA. Trakhtenberg. [illegible] O-D '59.

Influenza-like diseases in [illegible] M. V. Krachkovskaia, [illegible] i det. 5 no. 1:13-18 Ja [illegible]

Pathogenetic therapy of [illegible] newborn infants. [illegible] 5 no. 1,8-13 Ja-F '60.

Tetanus neonatorum. [illegible] Vop. okh. mat. i det. [illegible]

INFANTS (NEWBORN)—MORTALITY

Role of the incompatibility of [illegible] fetus in stillbirth and neonatal [illegible] M. A. Petrov-Maslakov, [illegible] i det. 5 no. 1:54-60 Ja [illegible]

INFANTS (PREMATURE)

(see also subdivision under [illegible]

Dependence of the calcium [illegible] alkaline phosphatase [illegible] infants on the features of [illegible] rickets [with summary in [illegible] Pediatriia 37 no. [illegible]

Influence of the complaints [illegible] the premature child. [illegible] det. 5 no. 1:25-30 Ja-F [illegible]

INFLAMMATION

Mechanism of the development [illegible] tion [with summary in English [illegible] Arkh. pat. 21 no. [illegible]

Nucleic acids and substances [illegible] pathogenesis of inflammation [illegible] D. E. Al'pern, [illegible] '59.

On the effect of ACTH and [illegible] administered drugs into [illegible] principle for a combined [illegible] hormones and antiinflammatory [illegible] ry in English]. G. I [illegible] no. 5:3-7 S-O '59.

Some features of the inflammation [illegible] sleep [with summary in [illegible] zhur. [Ukr.] 6 no. [illegible]

INFLUENZA

(see also subdivision under [illegible]

Biological properties of influenza [illegible] summary in English] M [illegible] 2 no. 6:362-367 N-D '5[illegible]

Changes in the soft palate [illegible] Sov. med. 24 no. 1 130-133 [illegible]

Conference on influenza. [illegible] 2 no. 6:377-379 N-D '5[illegible]

Control of influenza in industry [illegible] Cherniavskii, D. IA. [illegible] san. 25 no. 1:72-74 Ja '60

Influenza and the children [illegible] Med. sestra 19 no. 2:[illegible]

Laboratory diagnosis of influenza [illegible] examination of conjunctival [illegible] E. E. Kushnareva. [illegible] no. 12,25-29 D '59.

Level and dynamics of antibodies [illegible] serum before and after [illegible] influenza vaccine. [illegible] med. zhur. no. 2,59-6[illegible]

Nonspecific inhibitors of influenza [illegible] febrile patients [with summary [illegible] khanova Vop. virus. 2 [illegible]

Prevention of epidemic influenza [illegible] vinskii. Voen.-med zh [illegible]

Sudden death in influenza [illegible] Bronshtein, K. M. Odina. [illegible] 27-32 O-D '59.

Use of a simplified neutralization [illegible] tion of antibodies against [illegible] A (Asia) 57. L. IA Z[illegible] 373-375 N-D '57.

INFORMATION MEASUREMENT
Theory of the methods of signal accumulation in the presence of correlated noises [with summary in English]. F. M. Gol'tsman. Vest. LGU 15 no.10:59-71 '60.

INFORMATION THEORY
Alphabetic coding. Al. A. Markov. Dokl. AN SSSR 132 no.3:521-523 My '60.

Characteristics of a channel with tropospheric propagation. R. R. Krasnovskii. Izv. vys. ucheb. zav.; radiotekh. 3 no.5:631-633 S-O '60.

IAglom, A. M., and I. M. IAglom. [Probability and information] Veroiatnost' i informatsiia. Izd. 2., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 316 p.

Method for investigating the accuracy of essentially nonlinear automatic control systems by means of an equivalent transfer function [with summary in English]. K. A. Pupkov. Avtom. i telem. 21 no.2:191-200 F '60.

Method of calculating correlation functions at the output of a nonlinear system. I. M. Tepliakov. Radiotekhnika 15 no.1:35-37 Ja '60.

Minimum mean pattern recognition. I. I. Blokh. Radiotekhnika 15 no.1:10-14 Ja '60.

Precision in the interpretation of continuously varying magnitudes in a numerical code. B. V. Anisimov, IU. V. Vinogradov. [Trudy] MVTU no.3:88-94 '60.

Relationships of optimum signal detection systems (to be continued). L. S. Gutkin. Radiotekhnika 15 no.2:17-[illegible] F '60.

Signals of discrete sequences with an unlimited spectrum. N. K. Ignat'ev. Elektrosviaz' 14 no.1:71-72 Ja '60.

Statistical theory of gradient systems of automatic optimization with the object having a square characteristic [with summary in English]. A. A. Fel'dbaum. Avtom. i telem. 21 no.2:167-179 F '60.

Synthesis of frequency amplitude characteristics by their series expansion coefficients. N. K. Ignat'ev. Elektrosviaz' 14 no.1:3-10 Ja '60.

Unbiased estimation of a desirable signal depending nonlinearly on unknown parameters [with summary in English]. I. A. Bogoslavskii. Avtom. i telem. 21 no.1:42-47 Ja '60.

INFRARED RAYS
Indication of infrared radiations by the use of thermal frequency converters. S. I. Averkov, V. N. Bykov. Izv. vys. ucheb. zav.; radiotekh. 2 no.5:607-612 '59.

INFRARED RAYS—INDUSTRIAL APPLICATIONS
Artificial sun. B. Nasl'mov. Znan. ta pratsia no.1:14-15 Ja '60.

INGERSOLL, ROBERT G., 1833-1899
Robert Ingersoll, an outstanding American atheist of the 19th century. M. N. Gol'dberg. Ezheg. Muz. ist. rel. i ateiz. 3:143-172 '59.

INGUL VALLEY—ANTIQUITIES
Archeological exploration along the Ingul River shore. N. G. Pligina, N. N. Pogrebova. Krat. soob. IIMK no.74:31-34 '59.

INHERITANCE AND SUCCESSION
Answering our readers' questions. Sov. deput. trud. no.3:95-97 Mr '60.

INHERITANCE OF ACQUIRED CHARACTERS
Lamarck, Darwin and modern biology. N. I. Nuzhdin. Usp. sovr. biol. 48 no.3:245-276 N-D '59.

INHIBITION
Effect of some analgesic and narcotic substances on reciprocal inhibition [with summary in English]. N. A. Kruglov. Farm. i toks. 22 no.6:495-[illegible] N-D '59.

INHIBITION (CHEMISTRY)—TESTING
Laboratory methods of investigating volatile inhibitors. V. P. Persiantseva, I. L. Rozenfel'd. Trudy Inst. fiz. khim. no.7:41-50 '59.

INJECTIONS, INTRAVENOUS
Concerning D. M. Velichka's article "On intravenous injections." M. S. Ambartsumian, V. M. Minasian, G. F. Gevorgian. Fel'd. i akush. 25 no.2:62-63 F '60.

INKERMAN VALLEY—TOMBS
A late ancient tomb in the Inkerman Valley. [illegible]. Krat. soob. Inst. arkheol. AN URSR no.8:138-145 '59.

INLAND NAVIGATION
(see also subdivision 'Navigation' under Dnieper River)
Effect of restricted channels on the controllability of self-propelled freighters. N. Kostiukov. Rech. transp. 19 no.1:8-11 Ja '60.

Methods of justifying the loading capacity of ships for navigation in main rivers. V. Ponomarev. Rech. transp. 19 no.1:11-[illegible] Ja '60.

Pavlenko, G. E. [Methods of determining acceptable conditions for navigation on rivers and canals] Metodika opredeleniia dopuskaemykh uslovii dvizheniia sudov na rekakh i kanalakh. Kiev, Izd-vo Akad. nauk USSR, 1959. 26 p.

INLAND WATER TRANSPORTATION
(see also subdivision under Europe)
Alekseev, N. P. [Handbook on cargo handling, inland water transportation in containers and forwarding operations] Spravochnik po transportno-ekspeditsionnoi rabote i konteinernym perevozkam na rechnom transporte. Izd. 2., perer. i dop. Moskva, Izd-vo "Rechnoi transport," 1960. 225 p.

In the collegium of the Ministry of the River Fleet. Rech. transp. 19 no.1:50-51 Ja '60.

Our objectives for the second year of the seven-year plan period. Z. A. Shashkov. Rech. transp. 19 no.1:1-4 Ja '60.

Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Rules for the technical operation of the inland water transportation system of R.S.F.S.R.] Pravila tekhnicheskoi ekspluatatsii rechnogo transporta RSFSR. Moskva, Izd-vo "Rechnoi transport," 1960. 100 p.

INLAND WATER TRANSPORTATION—ACCOUNTING
Improve the quality of intradepartmental inspection. N. Lomov. Rech. transp. 19 no.1:11-16 Ja '60.

INLAND WATER TRANSPORTATION—CONGRESSES
Scientific technological conference in Gor'kiy. Rech. transp. 19 no.1:49-50 Ja '60.

INLAND WATER TRANSPORTATION—EMPLOYEES
New system of bonus awards to the managerial, engineering and technical personnel of the river fleet. I. Volchonok. Rech. transp. 19 no.1:16 Ja '60.

Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Service regulations on ships of the Ministry of the River Fleet of the R.S.F.S.R.] Ustav sluzhby na sudakh Ministerstva rechnogo flota RSFSR. Moskva, Izd-vo "Rechnoi transport," 1959. 88 p.

Transfer to a seven hour workday and the regulation of wages in river transportation. S. Bal'. Rech. transp. 19 no.1:30-31 Ja '60.

INLAND WATER TRANSPORTATION—LAW AND LEGISLATION
Leading opinions of the plenum of the Supreme Court of the U.S.S.R. Decision No. 1 of the plenum of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no.6:5 '59.

INOCHKIN, IVAN PETROVICH
Ivan Inochkin. A. Borin. Novyi mir 35 no.11:141 N '59.

IODINE METABOLISM
Excess of manganese in food and the function of the thyroid gland in iodine insufficiency. N. V. Vorobkevskaia, I. I. Kisatko. Probl. endok. i gorm. 5 no.5:90-92 S-O '59.

INPUT OUTPUT ANALYSIS see Linear programming

INSCRIPTIONS, GREEK see subdivision under Black Sea region, Cimmerian Bosporus (Kingdom), Crimea, Pylos

INSECT BAITS AND REPELLENTS
Most bitten man. Ameriká no.41:18 '60.

INSECTIVOROUS PLANTS
C. Darwin as a physiologist; on the 150th anniversary of his birth. G. P. Tesmoev. Usp. sovr. biol. 48 no.3: 293-300 N-D '59.

INSECTS—ANATOMY
Morphological description of a stinkbug head (Hemiptera - Heteroptera, Pentatomidea) [with summary in English]. I. V. Puchkova. Zool. zhur. 38 no.12:1825-1834 D '59.

Structural features of the cuticle of soil insects (as compared with water and land insects) as adaptation to environmental conditions [with summary in English]. I. M. Semenova. Zhur. ob. biol. 21 no.1:41-40 Ja-F '60.

INSECTS—COLLECTION AND PRESERVATION
Collecting springtails (Collembola) [with summary in English]. G. N. Miroshnichenko. Zool. zhur. 39 no.1: 143 Ja '60.

A dead-fall mouse trap with a device for ectoparasite fixation [with summary in English]. E. N. Simonovich, I. P. Sviderskii. Zool. zhur. 39 no.1:151-152 Ja '60.

INSECTS—DEVELOPMENT
Formation of the adult Ixodid tick in its nymph [with summary in English]. P. A. Reznik. Zool. zhur. 39 no.1: 142-143 Ja '60.

Nature of the division of neuroblasts, neurilemmal and neuroglial cells in the brain of the Chinese tussah moth. A. A. Panov. Dokl. AN SSSR 132 no.3:689-692 My '60.

Study of immature stages in ticks of the family Ixodidae. Report No. 4: Morphology of nymphs in the genus Dermacentor Koch [with summary in English]. P. A. Reznik. Zool. zhur. 38 no. 12:1797-1805 D '59.

INSECTS—DEVELOPMENT—CONGRESSES
Symposium on insect ontogeny. M. S. Giliarov. Zool. zhur. 39 no.1:156-157 Ja '60.

INSECTS—HABITS AND BEHAVIOR
Use of preferred temperatures in studying insect behavior [with summary in English]. A. V. Likventov. Zool. zhur. 39 no.1:53-62 Ja '60.

INSECTS, INJURIOUS AND BENEFICIAL
(see also subdivision under Kyzyl Kum)
I. I. Mechnikov's contribution to the development of applied entomology in Russia. L. V. Chesnova. Vop. ist. est. i tekh. no.7:162-166 '59.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL
Biological control of spider mites. M. D. Diadechko. Nauk. pratsi Ukr. sil'-hosp. nauk AN URSR no.3:127-135 '54.

INSOMNIA
Effect of experimentally induced insomnia on neurotic states in rats. D. Svorad, V. Novakova. Fiziol. zhur. 46 no.1:57-63 Ja '60.

INSTALMENT PLAN see subdivision under Kishinev

INSTINCT
Riddle of instincts. IU. P. Frolov. Nauka i zhizn' no.1: 15-19 Ja '60.

INSTRUMENT FLYING
Aerodynamic, geometrical, and navigational principles underlying the automatic turn of the airplane on the surveying route. B. N. Rodionov. Trudy MIIGAIK no.34:79-128 '59.

INSTRUMENT INDUSTRY
(see also subdivision under Novosibirsk)
Statistical methods used in the technology and quality control of automatic production processes. A. K. Kutai. Izv. vys. ucheb. zav.; prib. 2 no.5:121-131 '59.

INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS
Using assembly conveyors in manufacturing instruments. V. I. Borisov. Mekh. i avtom. proizv. 14 no.2:22-26 F '60.

INSTRUMENTS
New instruments. N. N. Skvortsov. Teploenergetika 7 no.3:92-94 Mr '60.

New machine tools and instruments. Stan. i instr. 31 no.1:42-43 Ja '60.

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSULATING MATERIALS see subdivision under Kazakhstan

INSULATION (HEAT)
Faktorovich, L. M. [Designing and installing heat insulation] Proektirovanie i montazh teplovoi izoliatsii. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1960. 430 p.

Insulation of vats, tanks, and pipelines by means of slag wool. M. B. Ifrov'gel'. Khleb. i kond. prom. 4 no.3:11 Mr '60.

Method for the simultaneous determination of the effect of temperature on a, c, and λ thermal insulators. I. I. Perotetov. Teploenergetika 7 no.2:77-80 F '60.

INSULIN
Action of insulin on the amino acid content of the blood [with summary in English]. V. A. Tychinin. Probl. endok. i gorm. 5 no.6:11-18 N-D '59.

Chemical method of determining the activity of insulin. N. Krylova, K. Bazarova. Med. prom. SSSR 14 no.1:53-54 '60.

Effect of insulin and substances depressing insulin synthesis (alloxan and dithizone) on the sensitivity of choline-reactive structures of the central nervous system [with summary in English]. S. M. Trogubov. Probl. endok. i gorm. 5 no.5:8-13 S-O '59.

Effect of insulin on the course and outcome of radiation sickness [with summary in English]. V. N. Patalova. Farm. i toks. 22 no.6:555-557 N-D '59.

Influence of insulin on the acidity of the gastric contents in patients with peptic ulcer and chronic gastritis. O. G. Dovgiallo. Zdrav. Belor. 6 no.1:32-34 Mr '60.

Insulin content of the peripheral blood when its entry into the portal vein is modified. M. F. Belovintseva. Trudy Inst. fiziol. 8:210-239 '59.

Protein metabolism following simultaneous administration of 6-methylthiouracil and insulin [with summary in English]. G. S. Sheves, O. E. Skachedub, E. A. Dorgonsova. Probl. endok. i gorm. 5 no.5:78-84 S-O '59.

INSULIN SHOCK
On the problem of hyperinsulinism. A. P. Kalinin, N. A. Vologina. Probl. endok. i gorm. 5 no.5:93-96 S-O '59.

INSURANCE, DISABILITY
Compensation for temporary disability. G. Kalpin. Sel'. mekh. no.2:24 '60.

INSURANCE, HEALTH
Useful textbook ("Efforts to organize the insurance associations of workers in 1912-1914, how the Bolshevik Party struggled for the masses during the intensification of the revolutionary movement before the First World War" by R. A. Sharafutdinov. Reviewed by L. O. Nahornai). Ukr. ist. zhur. 4 no.1:132 Ja-F '60.

INSURANCE, SOCIAL

Concern for workers' health is the main goal of social insurance. Okhr. truda i sots. strakh. no. 1 1-4 Ja '60.

Objectives of social insurance offices for 1960 N Murav'eva Sots obesp 21 no 1 1-5 Ja '60

Our consultation Sots obesp 21 no 1 52-53 Ja '60

Our readers enquire. Okhr. truda i sots. strakh. no. 1·60 Ja '60.

[State social insurance, collection of official documents] Gosudarstvennoe sotsial'noe strakhovanie, sbornik ofitsial'nykh materialov. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 261 p.

INSURANCE, SOCIAL—EMPLOYEES see subdivision under Livny

INSURANCE, SOCIAL—PERIODICALS

At the readers' conference in Perm. Okhr. truda i sots. strakh. no. 1·77 Ja '60

INTEGRAL EQUATIONS

Approximate solution of some nonlinear equations. E. I. Lin'kov Uch zap. MOPI 77.195-202 '59.

New theorems for nonlinear operators and equations. M. M Vainberg. Uch zap. MOPI 77 131-141 '59.

Ramification of solutions of nonlinear equations in an analytic case. V. A Trenogin Trudy MFTI no. 3 276-283 '59

Theory of systems of nonlinear integral equations. R I Kachurovskii Uch zap. MOPI 77 203-212 '59

INTEGRALS

Behavior outside the domain of first type Temliakov's integral taken along the boundary of a convex double circular domain. L. A Aizenberg Uch zap MOPI 77.37-44 '59

Representing functions of limited variation by means of a generalized integral. IU. S. Ochan. Uch. zap. MGPI 138:11-45 '58.

INTELLECTUAL LIFE see subdivision under Ukraine

INTELLECTUALS, FRENCH

Awarding diplomas of foreign members of the Soviet Academy of Sciences to a group of French scientists. Vest. AN SSSR 30 no. 5:80 My '60.

INTERCHANGEABLE MECHANISMS

Experience in using multipurpose attachments with interchangeable parts. N E. Chernis Trudy VNIINMASH no. 1·119-162 '59.

INTERCOMMUNICATION SYSTEMS

Intercommunication system using transistor amplifiers A Shui, E Nokkert Radio no 2 50-51 F '60.

Intercommunication unit used in conjunction with a radio receiver V Shtyrov Radio no 2 52 F '60.

Simplest intercommunication unit V Grachev, A. Safronov Radio no. 2 52 F '60

INTERCOSTAL NERVES see Nerves, Intercostal

INTERFEROMETER

Interferometric study of quartz inclusions. A. V. Loskutov. Trudy NIIGA 96:174-180 '59.

INTERFEROMETRY—CONGRESSES

Symposium on interferometry. A. I. Kartashev. Izm. tekh. no. 1·61-62 Ja '60.

THE INTERNATIONAL

One of the organizers of the Russian Section of the First International. G. Kiselev. Komm. Bel. 34 no. 1·76-80 Ja '60.

INTERNATIONAL COOPERATION—CONGRESSES

Supporters of "cold war" suffer defeat I Blume V zashch mira no 103 25-28 D '59

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958—BIBLIOGRAPHY see Bibliography—International Geophysical Year, 1957-1958

INTERNATIONAL PAYMENTS, BALANCE OF see Balance of payments

INTERNATIONAL RELATIONS

Rivalry among the imperialist nations ("Interimperialist contradictions in the first stage of the general capitalist crises " Reviewed by V. D. Voznesenskii). Nov. i noveish. ist no. 1 154-156 '60

INTERNATIONAL STATUS see subdivision under Antarctic regions

INTERPLANETARY VOYAGES

Routes of interplanetary ships. V. Bronshten. Tekh. mol. 28 no. 1 14-15 '60.

INTERSTELLAR MATTER

Dynamics in an encounter of dark clouds with stars [with summary in English]. D. A. Rozhkovskii. Izv. Astrofiz. inst. AN Kazakh. SSR no. 9:56-77 '60.

INTERSTELLAR VOYAGES see Interplanetary voyages

INTESTINAL AND PARASITIC WORMS see Worms, Intestinal and parasitic

INTESTINES

Absorption of labeled antigen of Shigella newcastle from the intestine into the blood in laboratory animal experiments Li Kuei. Zhur mikrobiol epid. i immun. 30 no 12 30-33 D '59

Influence of pectin on some biochemical processes in the large intestine [with summary in English]. O. A. Konovalova, I. B. Kuvaeva Vop. pit 19 no. 1·49-54 Ja-F '60.

Secretory function of the small intestine in the absorption period during animal locomotion [with summary in English] M P Stanets' Fiziol zhur [Ukr] 6 no 1 51-57 J-F '60

INTESTINES—BACTERIOLOGY

Bacteriostatic and bactericidal properties of the different fractions of tea tannin with regard to certain bacteria of the enteric group M A Bokuchava, S I Berdyeva Biokhim chain proizv no 7 209-213 '59

Diagnostic significance of the structure of young colonies of bacteria of the enteric group [with summary in English] L V. Mirolubova Zhur mikrobiol. epid i immun 30 no. 12 11-15 D '59

A rapid fluorescence method for the identification of pathogenic bacteria of the enteric group. M. N. Meisel' and others. Zhur. mikrobiol. epid i immun. 30 no. 12 3-6 D '59.

Study of the variability of microbes of the intestinal group in experiments on dogs. Report No. 1 [with summary in English]. A. G. Vasilenko. Zhur. mikrobiol, epid. i immun 31 no. 1:66-71 Ja '60.

A typical cultures of intestinal bacteria. Zhur. mikrobiol. epid. i immun 30 no. 12·123 D '59

INTESTINES—CANCER

Surgical treatment of cancer of the large intestine (excluding the rectum) [with summary in English]. V. A. Zhmur, A V. Eliseeva. Sov. med. 24 no 1 38-41 Ja '60.

INTESTINES—DISEASES

Detection and differentiation of Salmonella in the hospital laboratory during acute intestinal diseases [with summary in English]. S. S. Mekler. Zhur. mikrobiol., epid. i immun. 31 no. 1 38-41 Ja '60.

Role of flies in the epidemiology of intestinal infections [with summary in English]. A. M. Lobanov. Zhur. mikrobiol., epid. i immun. 31 no. 1·116-121 Ja '60.

INTESTINES—INNERVATION

Changes in reactions of the cardiovascular system and respiration to chemical stimulation of receptors of the small intestine in relation to dosage of the stimulating substances [with summary in English]. B. S. Kulaev. Biul eksp. biol i med 48 no. 12:11-16 D '59.

Connections of the inframesenteric plexus in man. A. P. Ambros'ev. Vop. morf. perif. nerv. sist. no. 4·63-70 '58.

Innervation of the small intestine in man. I. A. Gapeev. Vop. morf. perif. nerv. sist. no. 4·118-129 '58.

INTESTINES—OBSTRUCTIONS

Abdominal purpura of Schoenlein-Henoch with phenomena of relative intestinal obstruction. N. T. Skrynskii. Vest. khir. 83 no. 12·88-89 D '59.

Combination of torsion with intestinal invagination. L. F. Pshenichnova. Vest. khir. 83 no. 12·96 D '59.

Perforation of Meckel's diverticulum. I. A. Komarov. Vest. khir. 83 no. 12·88 D '59.

Volvulus of the small intestine with Meckel's diverticulum. E. D. Pivovarova. Vest. khir. 83 no. 12 86-87 D '59.

INTESTINES—SURGERY

Perforation of the intestine in paratyphoid fever. I. I. Shushkovskii. Zdrav Belor 6 no 3:58-59 Mr '60

INTOXICATION see Drunkenness (Criminal law)

INVENTIONS

Creators of new developments. Pozh. delo 6 no. 1:1-2 Ja '60.

'People, years, and events. Znan. ta pratsia no. 1·16-19 Ja '60.

INVERTEBRATES

Zakhvatkin, A. A. [Comparative embryology of the lower invertebrates; sources and methods of formation in the individual development of multicellular animals] Sravnitel'naia embriologiia nizshikh bespozvonochnykh; istochniki i puti formirovaniia individual'nogo razvitiia mnogokletochnykh. Moskva, Gos. izd-vo "Sovetskaia nauka," 1949. 394 p.
(MnU)

IODIDES

Effect of certain salts and acids on the rate of oxidation of I^- ions by Fe^{3+} ions [with summary in English]. V. A. Latysheva, L. S. Lilich, A. S. Sirenko. Vest. LGU 15 no. 10:121-130 '60.

IODINATION

Effect of iodination on the stability of the macrostructure of egg albumin [with summary in English]. O. V. Lobacheva'ka. Ukr. biokhim. zhur. 31 no. 6·799-806 '59.

IODINE

Iodine test in patients with skin diseases. I D Akh-[illegible] N I. Vasil'ev. Zdrav. Tadzh. 7 no. 1·37 39 Ja-F [illegible]

Some data on the iodine content of local food products in the rural areas of the White Russian S S.R. and problems in the prevention of goiter G IA. Godes, I. F. Romysh, R. L. Patent. Zdrav. Belor. 5 no. 1:47-49 J[illegible] '60.

IODINE IN THE BODY

Influence of sodium fluoride on the iodine balance of rabbits in a short-term experiment. S. K. G[illegible] Gig. i san. 25 no. 1:93-94 Ja '60.

Influence of qualitatively differing nutrition on the thyroid gland under conditions of an excessive iodine supply in the body [with summary in English]. A I. Shlenberg, IU. I. Plotnikova. Vop pit 19 no. 1·28-35 Ja F '[illegible]

ION EXCHANGE

Determination of the exchange constants of some [illegible] on activated platinized carbon [with summary in English]. A. N. Mosevich, V. I. Paramonova, B P. Nikol'skii. Vest. LGU 15 no. 10:93-97 '60.

Ion exchange applied to the study of the form of a substance in solution. Part 7. Complex formation between yttrium and monobasic acids. V. I. Paramonova, A S Kereichuk, B. A. Shishliakov. Radiokhimiia [illegible] 650-659 '59

Ionites. B. IA. Rozen. Priroda 49 no. 5 [illegible]

Layer method of computation of ion-exchange filters during concentration of dilute solutions. V. P. Meleshko. Trudy VGU 49:55-63 '59.

Layer method of computation of yield curves in the concentration of dilute solutions by means of ion exchangers V. P. Meleshko, R I. Zolotareva Trudy VGU 57:47-54 '59.

Layer theory of computation of an ion exchange column for the exchange of two ions of the same valence V P Meleshko, V. A Alekhina, N S Pal'kina Trudy VGU 57:55-60 '59.

Preparation of araban from sugar-beet pulp with the use of ionites. T. K. Gaponenkov, T. K. [illegible] Ivanova. Zhur. prikl. khim. 33 no. [illegible]

Regeneration of ion-exchange filters exhausted incompletely V. P Meleshko, A A. Mazo Trudy VGU [illegible] 71-74 '59.

Saldadze, K. M., A. B. Pashkov, and V. S Titov. [Ion exchanging high molecular weight compounds] Ionoobmennye vysokomolekuliarnye soedineniia [illegible] K. M. Saldadze. Moskva, Gos. nauchno-tekhn. izd-vo khim lit-ry, 1960. 355 p.

Separation of some cations of group III from [illegible] by means of ion-exchange chromatography [illegible] lev, A. A. Khomatskaia Ukr khim zhur 26 [illegible] 116 '60

Separation of some isotopes by focusing ion exchange [with summary in English]. V. P. Shved[illegible] A. V. Stepanov. Zhur. anal. khim. 15 no. 1 14-17 Ja [illegible] '60.

Titov, V. S. [Ion exchangers] Ionity. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 51 p.

Verification of the layer theory for computing the processes of cationation of dilute solutions. V. P. Voitovich, V. P. Meleshko. Trudy VGU 49 65-72 '5[illegible]

ION FERROCYANIDE

Thermal decomposition of iron ferrocyanide G B Seifer. Zhur neorg. khim 5 no 1·68 72 Ja '[illegible]

ION GROUP

Separation of some cations of group III from their mixture by means of ion-exchange chromatography A I Komlev, A. A Khomatskaia Ukr. khim zhur 26 [illegible] 113-116 '60

IONA ISLAND (OKHOTSK, SEA OF)—DESCRIPTION

On an isolated rocky isle. N. B. Kabanov. [illegible] no. 5:70-74 My '60.

IONIC CRYSTALS—ELECTRIC PROPERTIES

Dielectric losses of ionic crystals as related to [illegible] structure. N. P. Bogoroditskii, II A Kulik, I I Friberg Izv AN SSSR Ser. fiz 24 no 2 137-141 F '[illegible]

Problem of relaxation time and function of distribution of quasi-dipoles in ionic crystals with defective [illegible] G I Skanavi. Izv AN SSSR. Ser fiz 24 no 2 [illegible] F '60.

IONIC CRYSTALS—SPECTRA

Absorption spectra of defects in ionic lattices G S[illegible] Izv AN SSSR, Ser fiz. 24 no. 2 220-223 F '6[illegible]

IONIZATION

Device for registration of ionization processes [illegible] tion at voltages up to 100 kv. M. A Gretsk[illegible], G. T Messerman. Vest. elektroprom. 31 no 1 33 [illegible] '60.

Device for the investigation of atmospheric corrosion of metals under the effect of ionizing radiation. A. F Bialobzheskii. Trudy Inst. fiz. khim no. 7 133-1[illegible]

Methods of corrosion and electrochemical investigation of metals in a fluid flow under the effect of ionizing radiation. A. V. Bialobzheskii, V. D. Val'kov. Trudy Inst. fiz. khim. no. 7:119-132 '59.

IONIZED AIR see Air, Ionized

IONOSPHERE.
Mednikova, N.V. [Ionospheric disturbances in the middle latitudes] Ionosfernye vozmushcheniia v srednikh shirotakh. Moskva, Izd-vo Akad. nauk, 1957. [illegible] (CoWBS)
Study on the absorption of radio waves in the ionosphere in the latitude of Ashkhabad. M. [illegible] Izv. AN Turk. SSR no. [illegible] '59

IONOSPHERIC RADIO WAVE PROPAGATION
Integrator for a device which measures ionospheric absorption of radio waves. B. P. [illegible] Elektrosviaz' 14 no. [illegible] '60.
Ionosphere and long distance television. [illegible] Radio [illegible] '60

IONS
Effect of positive ions on the formation of intensive electron beams in conditions of high vacuum. V. P. [illegible] Izv. vys. ucheb. zav.; radiofiz. 2 no. [illegible] 565 S-O '59

IONS—MIGRATION AND VELOCITY
Ionic association in solutions. Part 1. [illegible] and the problem of ion triplets [with summary in English]. A. M. [illegible] Zhur. fiz. khim. 33 no. [illegible] 67 Ja '60

IPATOVO DISTRICT—COMMUNIST YOUTH LEAGUE
Closer to life. [illegible] Mol. komm. no. 1:58-59 Ja '60.

IRAN—AIR BASES
Iranian deadlock. [illegible] Nov. vrem. 18 no. [illegible] '60

IRAN—ECONOMIC CONDITIONS
Iranian deadlock. Nov. vrem. 18 no. [illegible] '60

IRAN—HISTORY
Lavrent'ev, A. K. [Imperialist policy of the U.S.A. and Britain in Iran, a popular [illegible]] Imperialisticheskaia politika SShA i Anglii v Irane, populiarnyi ocherk. Moskva, [illegible], 1960. [illegible] p.

IRAN—RELATIONS (GENERAL) WITH TURKESTAN
History of the cultural and economic relations of the [illegible] with Persia in the [illegible] A. D. [illegible] Izv. AN Turk. [illegible]

IRAN—SLAVERY
Slave holding estates of the Persian nobility. I. M. [illegible] Vest. drev. ist. no. [illegible]

IRANIAN LANGUAGES—STUDY AND TEACHING
The comparative history of Iranian [illegible] and the [illegible] V. I. [illegible] [illegible] 31 [illegible]

IRAQ—ECONOMIC POLICY
The planning [illegible] [with English summary [illegible]] Muhammad [illegible] My '60

IRAQ—FOREIGN ECONOMIC RELATIONS—RUSSIA
Our commercial and economic contacts with Iraq are getting stronger. [illegible] Vne[illegible] torg. 30 no. 6:11-12 '60

IRAQ—FOREIGN RELATIONS—RUSSIA
A. I. Mikoian in Iraq. [illegible]

IRAQ—OIL FIELDS
Oil fields in Iraq. B. S. Mokh[illegible] [illegible]

IRAQ—POLITICS AND GOVERNMENT
The birth of a revolution ["The Iraqi revolution" [illegible]] by [illegible] Nov. Vost. [illegible] My '60

IRKUTSK—BANKS AND BANKING—ACCOUNTING
A useful measure. V. Antuf'ev. Den. i kred. 18 no. 5 61-64 My '60

IRKUTSK—CULTURE
Holidays of builders of new settlements in the seven year plan. M. Zykov. Kul't.-prosv. rab. 21 no. 1:23-24 Ja '60

IRKUTSK—RESTAURANTS, LUNCHROOMS, ETC.
Our main objective... [illegible] Obshchestv. pit. no. 2 4-6 F '60.
Ten years later... V. [illegible] Obshchestv. pit. no. 2 21-22 F '60.

IRKUTSK PROVINCE—ECONOMIC POLICY
Prospects for the industrial development and the further improvement of production cooperation in the Irkutsk Economic Administrative Region. [illegible] Plan. khoz. 37 no. [illegible] My '60.

IRKUTSK PROVINCE—WATER, UNDERGROUND
Tkachuk, V. G., and E. V. Pinneker. [Underground waters of Irkutsk Province and their significance for the national economy] Podzemnye vody Irkutskoi oblasti i ikh narodnokhoziaistvennoe znachenie. Irkutsk, Irkutskoe knizhnoe izd-vo, 1959. 109 p.

IRON
Combined protection of iron from acid corrosion at elevated temperatures. V. P. Grigor'ev. Trudy NPI [illegible] '59
Diffusion of electrolytic hydrogen through iron plates, and the mechanism of hydrogen overvoltage on iron [with summary in English]. [illegible] V. A. Filov. Zhur. fiz. khim. 33 no. [illegible] Ja '60
Effect of certain salts and acids on the rate of oxidation of [illegible] ions by [illegible] ions [with summary in English]. V. A. [illegible], [illegible] A. S. [illegible] Vest. LGU 15 no. 10 [illegible] '60
Effect of postmagmatic solutions on iron regrouping in tuffs. V. M. [illegible] Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no. 17 [illegible] '56.
Iron balance in the national economy. L. L. Zusman, A. A. [illegible] Stal' 20 no. 2:160-165 F '60.
Use of arsenic and niobium radioisotopes in the study of metallurgical reactions. M. [illegible], L. A. [illegible] [illegible] no. [illegible] '60

IRON—ANALYSIS
Determining the iron content of chocolate and of semiprocessed chocolate products. A. V. Avdeeva, P. A. [illegible] M. I. [illegible] Khleb. i kond. prom. 4 no. [illegible] '60.
Mass spectrometric determination of rare gas content in iron. [illegible] Izv. [illegible] Metallurgiia no. [illegible] '60.
Separation of iron from cobalt and of aluminum from beryllium by means of ion exchange. [illegible] Golovatyi, M. N. [illegible] [illegible] no. [illegible] '59.

IRON—HARDENING
Cast iron hardening by high-frequency current. A. Z. [illegible] [illegible] no. [illegible] '60
Kinetics of dispersion hardening of annealed commercial grade iron. V. S. M[illegible] and others. Metalloved. i term. obr. met. no. [illegible] '60

IRON—HEAT TREATMENT
Relation between the artificial aging of industrial grade iron and the time length of preliminary natural aging. E. M. Pogodina-Alekseeva. Metalloved. i term. obr. met. no. [illegible] '60
Thermal hardening of twinned layers of iron crystals. R. I. Garber, I. A. Gindin, IA. D. Starodubov. Fiz. tver. tela 1 no. 12:1801-1805 D '59

IRON—METALLOGRAPHY
Low temperature plastic breakdown of large-grain iron. I. A. Gindin, IA. D. Starodubov. Fiz. tver. tela 1 no. 12: 1794-1800 D '59

IRON—METALLURGY
(see also subdivision under Gorodok)
Metallurgical production based on material sources from ancient [illegible] A. V. [illegible] Trudy [illegible] no. [illegible] '59.
[illegible] [with summary in [illegible]] [illegible] V. N. Timofeev. Stal' [illegible]
Timoshenko, N. N. [Direct reduction of iron ores] Priamoe vosstanovlenie zheleznykh rud. Otv. red. I. P. Bardin. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1959. 54 p.

IRON AGE see subdivision under Bashkiria

IRON ALLOYS—THERMAL PROPERTIES
Effect of chromium, molybdenum and tungsten on the [illegible] dependence of the hot hardness of [illegible] [illegible] O. A. [illegible] Inst. po zharopr. splav. [illegible] '59

IRON ALUMINUM ALLOYS
Merkulov, I. F. [Antifriction porous alloys] Antifriktsionnye poristye splavy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 50 p.

IRON ALUMINUM ALLOYS—MAGNETIC PROPERTIES
see subdivision under Chelyabinsk Province

IRON AND STEEL BUILDING see Building, Iron and steel

IRON AND STEELWORKERS
Status and struggle of the serf workers in the Gus'-Khrustal'nyy factories in the year 1822. K. K. Demikhovskii. Nauch. dokl. vys. shkoly; ist. nauki no. 4 83-90 '59.

IRON CHLORIDE
Study of polarization curves in chloride electrolytes. V. V. Sysoeva. Zhur. prikl. khim. 33 no. 1:147-153 Ja '60

IRON-CHROMIUM ALLOYS
Corrosion resistance of solid metallic solutions in the system Fe-Cr. N. N. Gratsianskii, P. F. Kaliuzhnaia. Ukr. khim. zhur. 26 no. 1:53-57 '60
Investigating phase transformations in iron-vanadium and iron-chromium alloys. M. I. Zakharova and others. Inst. po zharopr. splav. 4:261-265 '59
Structure of the energy spectrum of chromium and iron electrons in iron-chromium alloys. N. D. Borisov, V. V. Nemoshkalenko, A. M. [illegible] Inst. po zharopr. splav. 4:[illegible] '59

IRON FOUNDING
Is the shrinkage of cast iron with spheroidal graphite an abnormal phenomenon. I. Przhibyl. Lit. proizv. no. 2: [illegible] '60.
Mechanization of casting operations in a locomotive repair shop. I. D. Maltat, F. V. Erastov. Zhel. dor. transp. 42 no. 1:77-79 Ja '60
Role of silicon in internal white structure formation in cast iron piston rings. I. V. [illegible] Lit. proizv. no. 2: [illegible] '60.

IRON FOUNDING—STANDARDS
State standard on gray iron castings. M. S. Rokhlin. Lit. proizv. no. [illegible] '60

IRON GROUP
Overvoltage of the iron group metals. N. V. Korovin. Zhur. fiz. khim. 33 no. 1:219-221 Ja '60.

IRON INDUSTRY
(see also subdivision under Great Britain, Kazakhstan)
Public inspections of labor organization in ferrous metallurgy during the period of the Great Patriotic War. N. I. Kondrikova. Nauch. dokl. vys. shkoly; ist. nauki no. 1:38-27 '59
Speed up the development of metal production. M. P[illegible] NTO [illegible] no. 1:13 Ja '60.

IRON INDUSTRY—PRICES
Monopoly prices as the most important method for the extraction of high monopoly profits during the period of imperialism. A. A. Martynova. Uch. zap. LGU no. 268: 111-150 '59.

IRON MINES AND MINING
(see also subdivision under Gornaya Shoriya, Krivoy Rog, Kursk Province)
Basic problems of mining low-grade iron ore deposits. P. V. Vaganov and others. Trudy Gor.-geol. inst. UFAN SSSR no. 41:181-187 '59.

IRON-NICKEL ALLOYS
Corrosion resistance of solid metallic solutions of the system Fe-Ni. N. N. Gratsianskii, N. A. Bogacheva. Ukr. khim. zhur. 25 no. 6:711-718 '59.

IRON-NICKEL-ALUMINUM ALLOYS—MAGNETIC PROPERTIES
Livshits, B. G., and V. S. L'vov. [High coercivity iron-nickel-aluminum base alloys] Vysokokoertsitivnye splavy na zhelezonikelaliuminievoi osnove. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 167 p.

IRON-NICKEL-CHROMIUM ALLOYS
Aging of certain iron-nickel-chromium base heat resistant alloys. I. IA. [illegible], G. V. [illegible] Inst. po zharopr. splav. 4:[illegible] '59.

IRON ORES
(see also subdivision under Altai Territory, Kerch Peninsula)
Timoshenko, N. N. [Direct reduction of iron ores] Priamoe vosstanovlenie zheleznykh rud. Otv. red. I. P. Bardin. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1959. 54 p.
Using the mathematical statistics method for the analysis of qualitative losses in iron ores. P. I. Ratskii. Izv. vys. ucheb. zav.; gor. zhur. no. 6:39-44 '60.

IRON ORES—ANALYSIS
Physicochemical study of iron ores of the Lipetsk deposit. V. I. Kauckovskii, A. P. Palkin. Trudy VGU 40 111-120 '58.

IRON ORES—TESTING
Investigating the forces of
internal friction in iron
naya Shoriya. N. G. [illegible]
Inst. gor. dela Sib. otd. A

IRON OXIDE
Effect of iron oxides on
Azarov, S. B. [illegible]
Investigating the conditio
N. N. Man'kin. Teploe
Investigation of the catal
pared ferric oxides by
conductometric method
of isopropyl alcohol.
[illegible] 25 no. [illegible]
Removal of iron from co
Donskoi, E. F. Kovtunu
'60

IRON OXIDE—MAGNETIC
Characteristics of magne
systems Pb_2O_3-Fe_2O_3
M. A. Zaitseva, A. M. K
[illegible] 37 no. 1:1159-1161

IRON-VANADIUM ALLOY
Investigating phase trans
iron-chromium alloys.
Inst. po zharopr. splav.

IRRIGATION
(see also subdivision under Kulunda Steppe)

Effect of irrigation on [illegible] quality [illegible]

Effect of irrigation on the physiological characteristics of plants. N. S. Petinov. Mosk. [illegible] AN SSSR no. [illegible]

Irrigation of alpine hayfields and pastures of Kirghiz [illegible] a feed supply [illegible] V. B. [illegible] Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. [illegible]

Subirrigation. [illegible]

Wheat [illegible] seeding combined with furrow irrigation. [illegible]

IRRIGATION CANALS AND FLUMES

Calculation methods in [illegible] mechanization of the construction of [illegible] canals [illegible] and excavators. P. I. Shmakin. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 5 [illegible]

For [illegible] mechanization of operations in building irrigation and drainage structures [illegible] Mekh. stroi. [illegible]

Barmanov, A. N. [Deformation of the bed of irrigation canals in light of [illegible]] [illegible] 1959. 143 p.

[illegible] of irrigation canals [illegible]

The [illegible] effectiveness of [illegible] water supply in irrigation systems. M. M. [illegible] Trudy Inst. vod. khoz. i energ. AN Kir. SSR [illegible]

IRRIGATION FARMING
(see also subdivision under China)

Effect of [illegible] of tomatoes [illegible]

IRTYSH RIVER — WATER PIPES

[illegible]

IRTYSH VALLEY — [illegible]

[illegible] Pochvovedenie [illegible]

ISAKOVSKII, MIKHAIL VASIL'EVICH, [illegible]

[illegible]

ISAKOVSKII, MIKHAIL VASIL'EVICH, [illegible] — BIBLIOGRAPHY see Bibliography — Isakovskii, Mikhail Vasil'evich, [illegible]

[illegible]

[illegible]

ISHIM VALLEY — [illegible]

Materials on the [illegible] of the West Siberian [illegible] steppe [with summary in English]. [illegible]

ISHIMBAY — ECONOMIC CONDITIONS

[illegible]

ISOBUTYRIC ACID

[illegible]

ISOMERS

Optical study of the geometrical and optical [illegible] of crystals [illegible] Inst. AN [illegible]

Selectivity [illegible] optical isomers [illegible] in the presence of bacteria. V. V. [illegible] AN SSSR [illegible]

ISOPENTYL ALCOHOL

Extraction of hydrochloric acid [illegible] with isoamyl alcohol. [illegible]

ISOPODA see subdivision under Pacific Ocean

ISOPRENE

Radiation polymerization of isoprene [with summary in English]. Part 1. [illegible]

Study of the [illegible] polarization [illegible] [in English] [illegible]

Synthesis and [illegible] of [illegible] [with summary in English]. [illegible]

ISOPROPYL ALCOHOL

[illegible]

JAPAN—FOREIGN RELATIONS—RUSSIA
Enough of militarism in Tokyo. Nov vrem. 18 no.7: 21-22 F '60.

JAPAN—FOREIGN RELATIONS—UNITED STATES
Atop a volcano. Nov vrem. 18 no.22:3 My '60.
A dangerous road. P. Krainov. Agitator no.4:50-58 F '60.
Enough of militarism in Tokyo. Nov vrem. 18 no.7: 21-22 F '60.
In solidarity lies victory. G. Kharin. Sovr. Vost. no.5: 14-15 My '60.
People of Japan are gathering their wrath. Ogonek 38 no.6:6 F '60.

JAPAN—LABOR AND LABORING CLASSES
In solidarity lies victory. G. Kharin. Sovr. Vost. no.5: 14-15 My '60.

JAPAN—POLITICS AND GOVERNMENT
Atop a volcano. Nov vrem. 18 no.22:3 My '60.

JAPAN—RAILROADS
Japanese railroads. A. P. Petrov. Zarub. transp. 2:291-324 '58.

JAPAN—RAILROADS—ELECTRIFICATION
Electrification of railroads in Japan on a single-phase commercial frequency current. V. N. Khilinkov. Zarub. transp. 3:338-370 '58.

JAPAN—TYPHOONS
Caused by the ocean. V. Turkin, L. Turkin. Vokrug sveta no.2:8-10 F '60.

JAPAN—YOUTH
The Communist Party and young people. Part. zhizn' no.11:71 Je '60.

JAPAN, SEA OF—FISHERIES
The "Pankara" has returned from the North. N. Shivyakin. Mol. kolkh. no.1:73-74 Ja '60.

JAPANESE LITERATURE—HISTORY AND CRITICISM
Tradition and modernity; letter from Japan. Tomoji Abe. Translated from the Japanese by I. L'vov. Novyi mir 35 no.11:248-253 N '59.

JAUNDICE
Differential diagnosis of obstructive jaundice and liver diseases. I. Kh. Magid. Zdrav. Belor. 6 no.3:53 Mr '60.
New methods in the treatment of jaundice. A. Kashul. Nauka i zhyttia 8 no.2:50-51 F '58.
"Surgical treatment of obstructive jaundice of cholelithic and traumatic origin" by P. V. Sinitsyn. Reviewed by A. V. Smirnov. Vest. khir. 84 no.12:104-111 D '60.

JAWS
Anatomy of copepod jaws. K. V. Beklemishev. Trudy Inst. okean. 30:140-157 '59.

JEHOVAH'S WITNESSES
Forget our villages. [illegible] Nauka i rel. no.2:34-40 F '60.

JET PLANES—FLIGHT TESTING
Beyond the sound barrier ("The lonely sky" by William Bridgeman and Jacqueline Hazard. Reviewed by M. Gallai). [illegible] tekh. 4 no.1:43-44 Ja '60.

JETS—FLUID DYNAMICS
New method for designing the mixing chamber of a multijet ejector. N. N. Popov. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.1:29-34 '59.

JEWISH PHILOSOPHY see Philosophy, Jewish

JEWS—RELIGION see Judaism

JIGS AND FIXTURES
Using jigs in erecting columns. E. Bondar'. Stroitel' no.3:19-22 F '60.

JILEMNICKY, PETER, 1901-
A study of the aesthetics and creative method of Peter Jilemnicky. Iu. V. Bogdanov. [illegible] slav. [illegible] no.4:1-51 '59.

JIRASEK, ALOIS, 1851-1930
Alois Jirasek's novel "The Skalak family." N. I. Filipchikova. [illegible] slav. [illegible] no.4:106-211 '59.

JOACHIM, Abbot of Fiore, 1132 (ca.) 1202
Doctrine of Joachim of Calabria. S. M. Stam. Vop. ist. rel. i ateiz. no.7:326-360 '59.

JOB ANALYSIS
Work analysis of a workshop. N. Gvozdev. Bukhg. uchet 18 no.12:18-25 D '59.

JOGAND-PAGES, GABRIEL ANTOINE, 1854-1907
Leo Taxil's striking satire. Nauka i rel. no.1:72-77 Ja '60.

JOINTER (WOODWORKING MACHINE)
Jointing machine with a vacuum clamp and automatic feeding. V. F. Vinogradskii. Der. prom. 8 no.12: 13-14 D '59.

JOINTS—DISEASES
Joint and spine diseases related to acromegaly [with summary in English]. V. M. Kogan-IAsnyi, L. M. Bleikher. Probl. endok. i gorm. 5 no.5:52-55 S-O '59.

JOLIOT CURIE, FREDERIC, 1900-1958
Peoples honor the memory of Frederic Joliot-Curie. V zashch. mira no.103:28-31 D '58.

JOLIOT CURIE, FREDERIC, 1900-1958—BIBLIOGRAPHY see Bibliography Joliot-Curie, Frederic, 1900-1958

JOURNALISM
(see also subdivision under Australia, Belgorod Province, Great Britain, Murmansk, Rostov, Ukraine)
Enliven the work of creative sections! V. Verkhovskii. Sov. pech. no.2:42-44 F '60.
From our notebook. Z. Blikovskii. Sov. pech. no.1:32-34 Ja '60.
Here in our time. M. Borlin. Sov. pech. no.2:16-19 F '60.
Heroes of the seven-year plan. A. Krivoviaz. Sov. Ukr. 9 no.11:171-176 N '59.
IAshchenko, B. A. [In our editorial office] U nas v redaktsii. [Moskva] Izd-vo "Sovetskaia Rossiia," 1959. 90 p.
In search of the necessary word. Vl. Vasilenko. Sov. pech. no.1:27-31 Ja '60.
Letters to the editor. Sov. pech. no.2:44-46 F '60.
[Main subject] Glavnaia tema. Moskva, Gos. izd-vo polit. lit-ry, 1960. 246 p. (V pomoshch' rabotnikam pechati)
Meetings, seminars, and lectures... Sov. pech. no.1: 43-45 Ja '60.
Meetings, seminars, lectures... Sov. pech. no.2:34-35 F '60.
Our helpers. A. Lavlonov. Sov. pech. no.2:6-10 F '60.
Our Lukhovitsy District and its neighbors. A. Gribkin. Sov. pech. no.1:25-27 Ja '60.
Remarks to the point. Journalist. Sov. pech. no.1:21 Ja '60.
[illegible], P. I. [Birth of a subject] Rozhdenie temy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 134 p. (Biblioteka zhurnalista)
So that they lick their fingers! A. Lapin. Sov. pech. no.1: 23-25 Ja '60.
This is not new but it is important. A. Pavlov. Sov. pech. no.2:24-25 F '60.
Use the local press in the struggle for the mobilization of internal reserves. Den. i kred. 18 no.5:70-80 My '60.
What is good, is good. Sov. pech. no.2:28-29 F '60.

JOURNALISM—CONGRESSES
Answer with deeds! Journalists discuss the results of the All-Union Congress. Sov. pech. no.1:37-40 Ja '60.
Greetings of the Central Committee of the CPSU to the First All-Union Congress of Soviet Journalists. Part. zhizn' no.24:3 D '59.
Meeting in Vienna. D. Kraminov. Sov. pech. no.1:55-56 Ja '60.

JOURNALISM, AGRICULTURAL
Romanenko, F. I. [Collective-farm newspaper and collective farm life, an editor's notebook] Hazeta i kolhospne zhyttia, notatky redaktora. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 32 p. (Biblioteka robsil'kora)

JOURNALISM, MEDICAL
Contribution of S. P. Botkin to the development of Russian medical journalism. G. I. Magazanik. Zdrav. Ros. Feder. 4 no.1:29-31 Ja '60.

JOURNALISTS
Journalists awarded decorations and medals. Sov. pech. no.1:50 Ja '60.
To all journalists and journalists' organizations in all the countries of the world. Sov. pech. no.1:54 Ja '60.

JOURNEYS see Voyages and travels

JUDAISM
Judaism and Zionism. D. Braude, A. Benshits. Nauka i rel. no.4:44-46 D '59.

JUDAISM—CONTROVERSIAL LITERATURE
Contemporary Judaism in the United States and Israel. M. S. Belenkii. Vop. ist. rel. i ateiz. no.7:106-115 '59.

JUDICIAL ASSISTANCE
Russia (1923- U.S.S.R.) Treaties, etc. [Treaties on judicial assistance in civil, family, and criminal cases concluded by the Soviet Union in 1957 and 1958] Dogovory ob okazanii pravovoi pomoshchi po grazhdanskim, semeinym i ugolovnym delam, zakliuchennye Sovetskom Soiuzom v 1957-1958 gg. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 273 p.

JUDICIAL ERROR see subdivision under United States

JUJUBE (PLANT)—PRESERVATION
Use of jujube fruits for preserving. I. T. Tashmatov. Kons. i ov. prom. 15 no.1:15-16 Ja '60.

JUNIPER
(see also subdivision under Odessa region)
Let's revive the export of "archa" (juniperus turkestanica). V. Tavatenko. Vnesh. torg. 30 no.5:39-40 '60.

JUPITER (PLANET)
Riddle of the radio emission of Jupiter. V. G. Kurt. Priroda 49 no.5:62 My '60.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Kazakhstan, Ukraine)
Let's work and live as Communists should. Sov. iust. no.1: 1-4 Ja '60.

JUTE see subdivision under Odessa Province

JUVENILE DELINQUENCY
In the committees for legislative proposals of the Union Soviet and the Soviet of the Nationalities of the Supreme Soviet of the U.S.S.R. Biul. Verkh. Suda no.6:31 '59.
Some remarks relating to proposed standard regulations on fellow workers' courts and committees on juvenile delinquency. D. Kalyta, V. Omelchyk. Rad. pravo no.1: 83-95 Ja-F '60.
We should do away with juvenile delinquency. V. Stetsenko, S. Tobysheva. Rad. pravo no.6:28-30 N-D '59.
Who is to blame? G. Nikolaev. Uzbekistan 18 no.10:20-27 O '59.

KABARDINO-BALKAR A.S.S.R.—DESCRIPTION AND TRAVEL
Welcome! P. Nikitin. Ogonek 38 no.6:12-13 F '60.

KABARDINO-BALKAR A.S.S.R.—HISTORY
Kumykov, T. Kh. [Social and economic relations and the abolition of feudal law in Kabardia and Balkaria, 1800-1860] Sotsial'no-ekonomicheskie otnosheniia i otmena krepostnogo prava v Kabarde i Balkarii, 1800-1860 gg. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1959. 170 p.
(MII)

KABARDINO-BALKAR A.S.S.R.—LOCAL GOVERNMENT
In the service of our people; notes. I. Korahanov. Sov. deput. trud. no.3:25-32 F '60.

KABDULOV, Z.
The play "Spark of life" and its language [in Kazakh with summary in Russian]. A. Abdrakhmanov. Izv. AN Kazakh. SSR. Ser. filol. i isk. no.3:4-[illegible] '60.

KACHKANAR MOUNTAIN—GEOLOGY
Metamorphism of exfoliation zones and subsurface faults in the area of the Kachkanar gabbro-peridotite massif in the Urals [with summary in English]. V. A. Reshilko. Sov. geol. 3 no.12:24-30 D '60.

KAGAN DISTRICT—GEOLOGY, STRUCTURAL
Structure of the Sary-Tash-Ichhor-Kok gentle anticline. A. Musaev. Uzb. geol. zhur. no.5:74-78 '60.

KAGARLYK DISTRICT—REGIONAL PLANNING
Kagarlyk District is being rebuilt. H. Delon. Sil. bud. 10 no.2:3-4 F '60.

KAKHKHAR, ABDULLA
Abdulla Kakhkhar's creative hand. N. Druzhinina. Zvezda no.12:200-203 D '59.

KAKHOVKA—GRAIN—STORAGE
Mechanization of a grain-receiving station. G. Fedorenko. NTO 2 no.1:25 Ja '60.

KALININ, MIKHAIL IVANOVICH, 1875-1946
Zenzinovskii, D. S. [M. I. Kalinin as propagandist and promoter] M. I. Kalinin kak propagandist i agitator. Moskva, Gos. izd-vo polit. lit-ry, 1960. 61 p. (Biblioteka propagandista)

KALININ—BOARDING SCHOOLS
The Communists of a boarding school. G. Antipov. Part. zhizn' no.10:59-62 My '60.

KALININ—CLOTHING INDUSTRY
Let's push to the front ranks! V. Kirillova. Prom. koop. 14 no.1:13 Ja '60.

KALININ—MUNICIPAL GOVERNMENT
Warm hearts and clean hands. M. Karpovich. Sov. deput. trud. no.12:54-57 Je '60.

KALININ PROVINCE—MEDICINE—STUDY AND TEACHING
Experience of the Kalinin Province Public Health Department in the organization of the work of the feldsher-midwife centers and in the advanced training of subprofessional medical personnel. I. I. Vishnevskaia, V. V. Boldyreva. Zdrav. Ros. Feder. 4 no.2:37-40 F '60.
Work of the province hospital in advanced training for physicians. N. A. Frolova, T. N. Antonina. Zdrav. Ros. Feder. 4 no.2:33-37 F '60.

KALININ PROVINCE—PUBLIC HEALTH
Experience of the Kalinin Province Public Health Department in the organization of the work of the feldsher-midwife centers and in the advanced training of subprofessional medical personnel. I. I. Vishnevskaia, V. V. Boldyreva. Zdrav. Ros. Feder. 4 no.2:37-40 F '60.

KALININ PROVINCE—TEACHERS, TRAINING OF

Working with orphanage personnel in Kalinin Province. Det. dom 15 no. 4.79-80 '59.

KALININGRAD—COKE OVENS

Rapid firing of wide-chamber, small size Dinas brick coke ovens IA S Bolotin, V F Nadgol'nyi Koks i khim no 2·31-33 '60

KALININGRAD PROVINCE—FISHERIES—ACCOUNTING

Improving accounting and reports in the fishing industry. N Kolesnikov, F. Mikhin. Bukhg uchet 17 no 3 52-55 Mr '60.

KALINOVKA (KURSK PROVINCE)—AGRICULTURAL LABORERS—MEDICAL CARE

Work of the feldsher on the collective farm. M. M. Chumak, V. A. Leskov. Fel'd. i akush. 25 no. 2:40-43 F '60.

KALMUCKS

Documents on the history of the Kalmuck people in the Leningrad. I. F. Kovalev. Ist. SSSR no. 1 181-182 Ja F '60.

KALUGA—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Mechanization of the production at Bakery No. 3 in Kaluga. I. A. Liuzniak. Khleb i kond. prom. 3 no 12·19-21 D '59.

KALUGA—STEAM TURBINES

New turbines manufactured by the Kaluga Turbine Plant. S S. Masiutin Teploenergetika 7 no 2:85-86 F '60.

KALUGA PROVINCE—EMBROIDERY

Moscow. Nauchno-issledovatel'skii institut khudozhestvennoi promyshlennosti. [Kaluga folk embroidery] Kaluzhskaia narodnaia vyshivka. Moskva, Koiz, 1959. 9 p., illus.

KAMA RESERVOIR—WATER—POLLUTION

Effect of industrial pollution on the Kama Reservoir during the spring filling. Z. M. Balabanova. Gidrokhim. mat 29 75-80 '59.

KAMA VALLEY—BRINES

Waters containing oidine and bromine in the Volga and Kama Valleys [with summary in English]. S. S. Bondarenko. Sov. geol. 2 no. 12 88-100 D '59

KAMA VALLEY—EXCAVATIONS (ARCHAEOLOGY)

The Kama Arkhaeological Expedition in 1957. O. N. Bader. Krat. soob. IIMK no. 78 90-98 '60.

KAMA VALLEY—GEOLOGY, STRUCTURAL

Structure of the crystalline bedrock of the Vyatka and Kama River basin according to the materials of magnetic surveying. A. IA. IArosh. Trudy Sver. gor. inst. no. 34:108-124 '59.

KAMCHATKA—ECONOMIC CONDITIONS

On Kamchatka Stepan Luzhan Ukraina no 3 24-26 F '60

KAMCHATKA—INDUSTRIES

In the soviets of faraway Kamchatka. K. Esaulenko. Sov. deput. trud. no. 3:8-15 Mr '60.

KAMCHATKA—LOCAL GOVERNMENT

In the soviets of faraway Kamchatka. K. Esaulenko. Sov. deput. trud. no. 3:8-15 Mr '60.

KAMCHATKA—WATER, UNDERGROUND

"Dry" streams of Kamchatka. N. A. Vznuzdaev, L. O. Karpachevskii. Priroda 49 no. 5 103-104 My '60.

KAMCHATKA PROVINCE—ECONOMIC CONDITIONS

Natural features and resources of Kamchatka Province. B. F. Shapalin. Geog. v shkole 23 no. 1:79-80 Ja-F '60.

KAMENSK-URAL'SKIY—COURTS

More attention to the work of people's assessors. I. Karetskii. Sov. iust no. 1 46-48 Ja '60.

KAMYSHIN—PHOTOENGRAVING

New engraving methods using the "EGA-2" machines. I. P Filatov Poligr. proizv. no 1:17 Ja '60.

KAMYSHIN (STALINGRAD PROVINCE)—BLOOD—COLLECTION AND PRESERVATION

Organization of the blood service in the district hospital. G. N. Akzhigitov. Zdrav. Ros. Feder. 4 no. 2;27-30 F '60.

KANEV DISTRICT—ALGAE

New species from the genus Trentepohlia Mart., Trentepohlia hygrophila Moschk. sp. n. [with summary in English]. N. O. Moshkova. Ukr. bot. zhur. 16 no. 6: 55-58 '59.

KANT, IMMANUEL, 1724-1804

Galanza, P. N. [Kant's theory of the state and law] Uchenie Immanuila Kanta o gosudarstve i prave. Moskva, Gos. izd-vo iurid. lit-ry, 1950. 49 p.

KAPIEV, EFFENDI, 1909-1944

Effendi Kapiev. Kamil' Sultanov. Oktiabr' 37 no. 3·175-183 Mr '60

KAPSHINSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Study rooms for propagandists on collective farms. P. Lebedev. Agitator no. 2·47-48 Ja '60.

KARA (ARCHANGEL PROVINCE)—COMMUNITY CENTERS

Beyond the Arctic Circle, notes of a painter. Ada Rybachuk. Znan. ta pratsia no. 2 14-15 F '60.

KARA-KALPAK—COTTON MANUFACTURE—FIRES AND FIRE PREVENTION

Adopting the proposal of an efficiency promoter A. Kagakov. Pozh. delo 6 no. 1,4 Ja '60.

KARA KUM—SAND—OPTICAL PROPERTIES

Photometric properties of sands in the deserts of Kara Kum and Kyzyl Kum. M. A. Romanova. Dokl. AN SSSR 132 no. 3 681-684 My '60.

KARA KUM—SEISMIC PROSPECTING

Technical and economic indices of vibratory auger drilling in seismic prospecting in Turkmenia. V. IA. Bespalov Razved. i okh nedr 25 no. 11;31-34 N '59.

KARA-MAZAR MOUNTAINS—ORE DEPOSITS

Contact changes in enclosing rocks as an indication in prospecting for blind ores based on the exploratory work in the Kara-Mazar Mountains I. M. Mirkhodzhiev Uzb. geol. zhur. no 5 11-12 '59.

Time of the postmagmatic process in the Kara-Mazar Mountains. V. A. Arapov, V. F. Bazil' Uzb geol. zhur. no 5 3-5 '59.

KARA-MAZAR MOUNTAINS—SERICITE

Peculiarities of sericites in the southwestern Kara-Mazar Mountains. V S Popov. Uzb. geol. zhur. no. 5 6-10 '59.

KARA SEA—FISHES

Esipov, V. K. [Fishes of the Kara Sea] Ryby Karskogo moria. [Moskva] Izd-vo Akad. nauk SSSR, 1952. 145 p.
(DSI)

KARA SEA—OCEAN CURRENTS

Expedition for the study of currents in the Kara Sea during the navigation period of 1957. G. A. Baksakov, N. F. Kudriavtsev. Probl. Arkt. no. 5·137-139 '58.

KARA-TAU—EARWIGS

Ecological distribution of orthopterans and allied insect orders in the Kara-Tau [with summary in English]. F. N. Pravdin. Zool. zhur. 39 no. 1:71-83 Ja '60.

KARA-TAU—ORTHOPTERA

Ecological distribution of orthopterans and allied insects orders in the Kara-Tau [with summary in English]. F. N. Pravdin. Zool. zhur. 39 no. 1·71-83 Ja '60.

KARABIKHA—MUSEUMS

Tarasov, A. F. [The N. A. Nekrasov Karabikha Country Estate—Museum; guidebook] Karabikha. Muzei—usad'ba N. A. Nekrasova, putevoditel'. IAroslavl', [IAroslavskoe knizhnoe izd-vo], 1959. 109 p.

KARABULAK—SUGAR BEETS

DS-800 automatic scales for weighing beets. V. N. Tret'iakov. Sakh. prom. 34 no. 2·37-38 F '60.

KARACHAEVS

The problem of the origin of the Balkarians and Karachaevs. T. Kh. Kumykov. Ist. SSSR no. 1:266-267 Ja-F '60

KARADAG (CRIMEA)—MARINE LABORATORIES

Smirnov, A. M., and others. [Karadag; popular science studies] Karadag; nauchno-populiarnye ocherki. Kiev, Izd-vo Akad. nauk USSR, 1959. 107 p.

KARADAG (CRIMEA)—PHYSICAL GEOGRAPHY

Smirnov, A. M., and others. [Karadag; popular science studies] Karadag; nauchno-populiarnye ocherki. Kiev, Izd-vo Akad. nauk USSR, 1959. 107 p.

KARAGANDA—COAL MINES AND MINING

Let us produce more coal B Semenov NTO 2 no 1 33 Ja '60.

Lost confidence. V. Anan'in. NTO 2 no. 2:53-54 F '60.

KARAGANDA—COAL PREPARATION—EQUIPMENT AND SUPPLIES

On the path to plant specialization. V. Necheperovich Nar. khoz. Kazakh. 18 no. 2·64-66 F '60

KARAGANDA—SOILS

Soils of the City of Karaganda and their characteristics from the viewpoint of afforestation. IU. G. Evstifeev. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2;26-36 '59.

KARAGANDA BASIN—COAL MINES AND MINING

Provide miners with all conditions necessary for carrying out the seven-year plan. M. Bondaletov. Nar. khoz. Kazakh. 18 no. 1;40-44 Ja '60.

Technical progress in the Karaganda Coal Basin, 1950-1957. A. F. Chumak. Ist. SSSR no. 1·17-33 Ja-F '60.

KARAGANDA BASIN—COAL MINING MACHINERY—TESTING

Trying and a test specimen of the K-140 stope cutter-loader in the Karaganda Basin. D. M. Liuboshchinsk[illegible], IU. N. Kazak. Ugol' 35 no. 2 11-13 F '60.

KARAGANDA BASIN—SOCIALIST COMPETITION

Provide miners with all conditions necessary for carrying out the seven-year plan. M. Bondaletov. Nar. khoz. Kazakh. 18 no. 1:40-44 Ja '60.

KARAGANDA ECONOMIC REGION

For the rapid development of the Kazakhstan "Magnitogorsk." P. Ermakov. Nar. khoz. Kazakh. 18 no. [illegible] 34 Ja '60.

KARAGANDA ECONOMIC REGION—TECHNOLOGY—INFORMATION SERVICES

Active participants in the struggle for technological progress. I. Zhislin. Nar. khoz. Kazakh. 18 no. 1,34-37 Ja '60.

KARASNYARSK—RUBBER INDUSTRY—FIRES AND FIRE PREVENTION

Efficiency promoters of Krasnoyarsk. I. [illegible], V. Chuikov. Pozh. delo 6 no. 1,7 Ja '60.

KARELIA—AFFORESTATION

This is the Lenin way. IUn. nat no 3·1-2 Mr '60

KARELIA—CARP

An abnormal form of the ide. L. A. Kuderskii Trudy Kar. fil. AN SSSR no. 13:198-199 '58

KARELIA—DRAINAGE

Draining peat-bog soils with wooden pipes in southern Karelia. V. N. Larinin Trudy Kar. fil. AN SSSR [illegible] 36-51 '59.

KARELIA—FOREST SOILS

Snow, and the freezing and thawing of forest soils in the southern part of Karelia. G. E. Platetskii. Izv. Kar. i Kol'. fil. AN SSSR no. 4·112-123 '59.

KARELIA—GEOLOGY

Tectonics and stratigraphy of the White Sea shore. S. I. Makievskii. Izv. Kar. i Kol'. fil. AN SSSR no. 4 3-14 '59.

KARELIA—GEOLOGY, STRATIGRAPHIC

Valuable work on the "Quaternary geology and geomorphology of Karelia" by G. S. Biske. Reviewed by A. F. Sidorenko. Izv. Kar. i Kol'. fil. AN SSSR no. 4 [illegible] '59.

KARELIA—GEOLOGY, STRUCTURAL

Geosynclinal formations of the Shuezero synclinorium of eastern Karelia. V. I. Robonen. Izv. Kar. i Kol'. fil. AN SSSR no. 4:50-53 '59.

KARELIA—PHYTOPLANKTON

Some data on the effect of humus substances on the development of phytoplankton. N. S. Kharkevich Trudy Kar. fil. AN SSSR no 13·126-131 '58

KARELIA—SCIENCE

Brief news. Izv. Kar. i Kol'. fil. AN SSSR no. 4 [illegible] '59.

Manuscript on the history of science and technology (Karelia and the Kola Peninsula). Izv. Kar. i K[illegible] AN SSSR no. 4:150-152 '59.

KARELIA—SOIL MOISTURE

Type of humidity cycles in Karelia. V. D. Lopatin. Izv. Kar. i Kol'. fil. AN SSSR no. 4·97-106 '59.

KARELIA—SPRUCE

Ecological, biological, and sylvicultural properties and forms of Karelian spruces. V. I. Dakshaeva. Izv. Kar. i Kol'. fil. AN SSSR no. 4;107-111 '59.

KARELIA—TEACHERS

Karelian schoolteacher. Sov. Soiuz no. 3·19-[illegible]

KARELIAN LITERATURE—HISTORY AND CRITICISM

Articles by Karelian critics ("Karelian literature." Reviewed by L. Anninskii). Vop. lit. no. 2:210-215 F '60.

Time of maturity; on works of Karelian writers. A. E[illegible]lov Zvezda no. 11 209-212 N '59

KARLOVKA DISTRICT—SOCIAL GROUP WORK

Development of the spiritual interests of collective farmers. V. Khramov. Agitator no. 3:53 F '60.

KARPINSKII, VIACHESLAV ALEKSEEVICH, 1880-

A Communist's happiness. M. Stepichev. Sov. pech. no. 1:46-49 Ja '60.

KARPOV, IVAN EFIMOVICH

Always at duty. T. Zaika. Sel'. mekh no 2·21-22 F

KARST

(see also subdivision under Crimean Mountains)

Changes in vegetation related to thermal karst in [illegible] Yakutia. E. V. Dorogostaiskaia. Izv. Sib. otd. AN SSSR no. 12:91-100 '59.

KASHEVAROV, ALEKSANDR FILIPPOVICH, 1809-1866
Along the unexplored shores of North America. B. Pasetskii. Mor. flot 20 no.1:36-37 Ja '60.

KASHGAR—DISCOVERY AND EXPLORATION
On the 100th anniversary of Ch. Valikhanov's voyage of Kashgar. S. Umurzakov. Izv. Kir. fil. Geog. ob-va SSSR no.1:101-109 '59.

KASHIN DISTRICT—KINDERGARTENS
On the collective farm "Rossiia." A. S. Voronov, V. Dobrinkova. Doshk. vosp. 33 no.3:17-20 Mr '60.

KASPIYSK—RETAIL TRADE
A commission of the executive committee helps to improve commerce. I. Kakhrimanov. Sov. torg. 33 no.2:59 F '60.

KATURAH—LABOR AND LABORING CLASSES—MEDICAL CARE
Duty and indifference. B. Tigaladze. Okhr. truda i sots. strakh. no.1:56-57 Ja '60.

KAUTSKY, KARL, 1854-1938
Letter to the editor. V. Chistiakov. Vest. Mosk. un. Ist.-filol. ser. 14 no.1:191 '59.

KAVETSKII, ROSTISLAV EVGEN'EVICH, 1899-
Rostislav Evgen'evich Kavetskii. Pat. fiziol. i eksp. terap. 4 no.1:93 Ja-F '60.

KAZAKH LANGUAGE—DICTIONARIES
[Explanatory dictionary of the Kazakh language] Tolkovyi slovar' Kazakhskogo iazyka. Pod red. S. K. Kenesbaeva. Alma-Ata.
Vol. 1. A-K. 1959. 337 p.

KAZAKH LANGUAGE—NOUN
"Synonymous nouns in the Kazakh language" by A. Bolganbaev. Reviewed by Kh. Esenov. [In Kazakh with summary in Russian]. Izv. AN Kazakh. SSR. Ser. filol. i isk. no.2:80-83 '59.

KAZAKH LITERATURE—HISTORY AND CRITICISM
Fetisov, M. I. [Russian-Kazakh literary ties during the first half of the 19th century] Russko-kazakhskie literaturnye otnosheniia v pervoi polovine XIX veka. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1959. 478 p.

Ideological questions during the period of the formation of Soviet Kazakh literature [In Kazakh with summary in Russian]. T. Kakishev. Izv. AN Kazakh. SSR. Ser. filol. i isk. no.2:[illegible] '59.

Science, literature, life. G. Landau. Sov. Kazakh. 26 no.12:111-114 D '59.

KAZAKH POETRY—HISTORY AND CRITICISM
Can this be realism? Kalzhan Nurmakhanov. Sov. Kazakh. 20 no.12:106-113 D '59.

KAZAKHSTAN—AGRICULTURAL ADMINISTRATION
Mobilize all hidden potentialities. Nar. khoz. Kazakh. 16 no.2:37-42 F '60.

KAZAKHSTAN—AGRICULTURAL LABORERS
On the fresh trail of life ("Your generation" by V. Larin. Reviewed by IA. Volkhovskii). Part. zhizn' Kazakh. 30 no.1:72-77 Ja '60.

KAZAKHSTAN—AGRICULTURAL MACHINERY INDUSTRY
Use assembly line methods to manufacture spare parts. A. Venzovskii, V. Tolstov. Nar. khoz. Kazakh. 16 no.2:31-35 F '60.

KAZAKHSTAN—AGRICULTURAL POLICY
Put into practice the decisions made by the December Plenum of the Central Committee of the C.P.S.U. Nar. khoz. Kazakh. 16 no.1:1-9 Ja '60.

KAZAKHSTAN—AGRICULTURE
Farming practices in Kazakhstan. F. M. Mukhamedgaliev. Zemledelie 8 no.2:14-19 F '60.

Let's improve our guidance of agriculture. Part. zhizn' Kazakh. 30 no.2:10-15 F '60.

Scientists of Kazakhstan must give assistance to the Republic's agriculture. E. IA. Lastovskii, M. A. Gorar. Vest. AN Kazakh. SSR 16 no.1:11-17 Ja '60.

KAZAKHSTAN—AGRICULTURE—PRODUCTION STANDARDS
Establish an efficient system of technical standards in agriculture. V. Solomakhin. Nar. khoz. Kazakh. 16 no.2:56-58 F '60.

KAZAKHSTAN—ALLOYS
Economic significance of alloy production with indium, thallium and tellurium. V. Iaskin. Nar. khoz. Kazakh. 16 no.1:81-83 Ja '60.

KAZAKHSTAN—ARCHITECTURE
Third Conference of Kazakh Architects. V. Rutusov, R. Braimina. Arkhit. SSSR no.1:63-64 '60.

KAZAKHSTAN—AUTOMATION
Organizational work is a main factor in insuring technological progress. A. Sirazutdinov. Nar. khoz. Kazakh. 16 no.2:59-63 F '60.

KAZAKHSTAN—BIRDS OF PREY
Predatory birds in the forest steppe of Western Siberia and the steppe and semidesert of northern Kazakhstan [with summary in English]. I. A. Gibet. Biul. MOIP. Otd. biol. 64 no.6:45-62 N-D '59.

KAZAKHSTAN—BOARDING SCHOOLS
Give daily attention to boarding schools. N. Podkatko. Nar. khoz. Kazakh. 16 no.2:74-76 F '60.

KAZAKHSTAN—BUDGET
Maintain strict observance of state and financial discipline. U. Atambaev. Nar. khoz. Kazakh. 16 no.1:10-16 Ja '60.

KAZAKHSTAN—BUILDING MATERIALS
Barbot de Marni, A. V. [Deposits of basic building materials in northern Kazakhstan (in region of virgin and waste lands), explanatory notes, cadastral survey, and a map] Mestorozhdeniia osnovnykh stroitel'nykh materialov v severnoi chasti Kazakhstana (v raionakh tselinnykh i zalezhnykh zemel'), ob"iasnitel'naia zapiska i kadastr s kartoi. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 378 p.

Using natural resources of Kazakhstan in producing local building materials. A. I. Minas. Stroi. mat. 6 no.1:29-30 Ja '60.

KAZAKHSTAN—CHERNOZEM SOILS
Carbonate chernozems with average humus content in northern Kazakhstan. IU. V. Fedorin. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.3:44-65 '59.

KAZAKHSTAN—CINQUEFOIL
Species of Potentilla in Kazakhstan. M. S. Baitenov. Trudy Inst. bot. AN Kazakh. SSR 7:330-340 '59.

KAZAKHSTAN—CLIMATE
Russia (1923- U.S.S.R.) Glavnoe upravlenie gidrometeorologicheskoi sluzhby. [Climate of Kazakhstan] Klimat Kazakhstana. Pod red. A. S. Utesheva. Leningrad, Gidrometeoizd-vo, 1959. 369 p.

KAZAKHSTAN—COAL—TESTING
Mechanical properties of some coals of Kirghizistan and Kazakhstan. I. M. Naidich, Z. A. Borozkina. Trudy Inst. sel. khoz. i energ. AN Kir. SSR no.5:99-103 '59.

KAZAKHSTAN—COAL GEOLOGY
Remains of leaf parenchyma in lower Mesozoic coals of Kazakhstan. L. D. Volkova. Dokl. AN SSSR 132 no.3:677-680 My '60.

KAZAKHSTAN—COAL MINES AND MINING
Do away with all traces of technical backwardness in coal mines. Kh. Kozhakhmetov. Part. zhizn' Kazakh. 30 no.1:17-23 Ja '60.

KAZAKHSTAN—COMMERCE
Economic relations of Kazakhstan with socialist countries. IU. Plashevskii. Nar. khoz. Kazakh. 16 no.2:90-92 F '60.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP
Selection of the best workers is the most important problem. [illegible]. Part. zhizn' Kazakh. 30 no.2:19-22 F '60.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
The most important sector of the battle front; at city and district party conferences. Part. zhizn' Kazakh. 30 no.1:23-28 Ja '60.

Party news. Part. zhizn' Kazakh. 30 no.1:76-79 Ja '60.

Party news. Part. zhizn' Kazakh. 30 no.2:79-80 F '60.

Political warriors of the party. L. Andreeva. Part. zhizn' Kazakh. 30 no.1:44-49 Ja '60.

KAZAKHSTAN—CONSTRUCTION INDUSTRY
On specialization and production cooperation in construction. IU. Pak. Nar. khoz. Kazakh. 16 no.2:15-21 F '60.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—ACCOUNTING
Analyzing profits of subcontracting organizations. A. Shchavelev. Bukhg. uchet 17 no.2:49-55 F '60.

KAZAKHSTAN—CORN (MAIZE)
Corn on virgin land. A. Kozlov. Part. zhizn' Kazakh. 30 no.2:32-37 F '60.

KAZAKHSTAN—CORRESPONDENCE SCHOOLS AND COURSES
Let's improve the forms and methods of correspondence schools. A. F. Arep'ev. Obshcheobr. shkola vzrosl. no.6:50-51 N-D '59.

KAZAKHSTAN—CRIME PREVENTION
A concern of the entire community. A. Nabatov. Part. zhizn' Kazakh. 30 no.1:30-33 Ja '60.

KAZAKHSTAN—DAIRYING
Work mechanization on dairy farms of Kazakhstan. R. M. Kaplan. Trudy KIMESKH 3:127-147 '59.

KAZAKHSTAN—DICOTYLEDONS
Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. [Flora of Kazakhstan] Flora Kazakhstana. Glav. red. N. V. Pavlov. Sost. N. T. Ageeva i dr. Alma-Ata.
Vol. 3. 1960. 457 p.

KAZAKHSTAN—DRABA
New species of the genus Draba L. from the mountains of Kazakhstan; species novae generis Draba L. ex Kazachstania. A. N. Vasil'eva, V. P. Goloskokov. Vest. AN Kazakh. SSR 16 no.1:89-91 Ja '60.

KAZAKHSTAN—ECONOMIC CONDITIONS
The seven-year plan of Kazakhstan is being realized. Nar. khoz. Kazakh. 16 no.2:94-96 F '60.

KAZAKHSTAN—ECONOMIC POLICY
Beliaev, N. I. [Theses of Comrade N. S. Khrushchev's report at the 21st Congress of the CPSU, "Target figures for the development of the national economy of the U.S.S.R. during 1959-1965," and tasks of the Communist Party of Kazakhstan; report at the 9th Extraordinary Congress of the Communist Party of Kazakhstan, January 14, 1959] Tezisy doklada tovarishcha N. S. Khrushcheva na XXI s"ezde KPSS, "Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody" i zadachi Kommunisticheskoi partii Kazakhstana; doklad na IX vneocherednom s"ezde Kommunisticheskoi partii Kazakhstana, 14 ianv. 1959 g. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 60 p.
(MB)

KAZAKHSTAN—EDUCATION
In the administrative organs of higher and secondary special education of the republics. Vest. vys. shkoly 18 no.6:87 Je '60.

KAZAKHSTAN—ELECTRIC POWER DISTRIBUTION
Use electric power reasonably and economically. B. Akatov, A. Vidmanov, S. Dubrovin. Nar. khoz. Kazakh. 16 no.2:87-89 F '60.

KAZAKHSTAN—ENGINES
Party eye, a sketch. Boris Petrov. Part. zhizn' Kazakh. 30 no.2:44-50 F '60.

KAZAKHSTAN—ESOPHAGUS—CANCER
Pulmonary and esophageal cancer in Kazakhstan. O. F. Shkradiuk. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:13-17 '59.

KAZAKHSTAN—FARM MECHANIZATION
Work mechanization on dairy farms of Kazakhstan. R. M. Kaplan. Trudy KIMESKH 3:127-147 '59.

KAZAKHSTAN—FELDSPAR
Potash feldspars in Devonian granitoids in central Kazakhstan [with summary in English]. R. N. Sobolev. Sov. geol. 2 no.11:121-130 N '59.

KAZAKHSTAN—FINANCE
Maintain strict observance of state and financial discipline. U. Atambaev. Nar. khoz. Kazakh. 16 no.1:10-16 Ja '60.

KAZAKHSTAN—GASTEROMYCETES
Material on the Gasteromycetes of Kazakhstan. S. R. Shvartsman. Trudy Inst. bot. AN Kazakh. SSR 7:237-267 '59.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC
Stratigraphic section of the lower Namurian (Beleuty horizon) in central Kazakhstan. O. L. Einor, M. V. Vdovenko. Dokl. AN SSSR 132 no.3:666-668 My '60.

KAZAKHSTAN—HIDES AND SKINS
Better organization of animal slaughter and primary processing of hides and skins. T. I. Pashinin. Kozh.-obuv. prom. no.12:9-12 D '59.

KAZAKHSTAN—INDUSTRIAL CAPACITY
Work of the East Kazakhstan Economic Council on improving the utilization of productive capacity. K. Sinakov. Plan. khoz. 37 no.5:71-74 My '60.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT
Organizational work is a main factor in insuring technological progress. A. Sirazutdinov. Nar. khoz. Kazakh. 16 no.2:59-63 F '60.

KAZAKHSTAN—INDUSTRIES
Brief news. Nar. khoz. Kazakh. 16 no.1:92-94 Ja '60.

Brief news. Nar. khoz. Kazakh. 16 no.2:93-94 F '60.

The most important sector of the battle front; at city and district party conferences. Part. zhizn' Kazakh. 30 no.1:23-28 Ja '60.

We should economize electric power. Part. zhizn' Kazakh. 30 no.1:41-43 Ja '60.

KAZAKHSTAN—INSULATING MATERIALS
In the Chemistry Institute. I. Potapov. Nar. khoz. Kazakh. 16 no.1:91 Ja '60.

KAZAKHSTAN—IRON INDUSTRY
Tasks of the Kazakh S.S.R. in expanding the iron and steel industry in the East. D. D. Sysoev. Vest. AN Kazakh. SSR 16 no.1:3-10 Ja '60.

KAZAKHSTAN—JUSTICE, ADMINISTRATION OF
A concern of the entire community. A. Nabatov. Part. zhizn' Kazakh. 30 no.1·29-33 Ja '60.

KAZAKHSTAN—KINDERGARTENS
Day nurseries on the collective farms of Kazakhstan. M.S. Aldyiarova. Doshk. vosp. 33 no.3·26-27 Mr '60.

KAZAKHSTAN—LIBRARIES
Put the riches of libraries in the service of the seven-year plan E. Lopatina. Nar. khoz Kazkh 18 no. 2 77-80 F '60.

KAZAKHSTAN—LIGHTWEIGHT CONCRETE
Aerated concrete is a modern heat insulating material. G. Zisovich. Nar. khoz. Kazakh. 18 no. 1:52-53 Ja '60.

KAZAKHSTAN—LUNGS—CANCER
Plumonary and esophageal cancer in Kazakhstan. G. F. Shkradiuk. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:12-17 '59.

KAZAKHSTAN—MACHINERY INDUSTRY
For a more active dissemination of the work practice of mechanical engineers S Petrov Nar. khoz Kazkh 18 no 2 81-82 F '60

KAZAKHSTAN—METEOROLOGY
Meteorological characteristics of certain spots in Kazakhstan in connection with the selection of a site for a future planetary observatory. I. M Glushchenko. Trudy Sekt. astrobot. AN Kazakh SSR 7,217-225 '59.

KAZAKHSTAN—MOHAMMEDAN RELIGIOUS PRACTICE
When atheists are asleep, mullahs are at work. M. Musin. Part. zhizn' Kazakh. 30 no.1·59-61 Ja '60.

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES
Give wide promotion to modern processes in nonferrous metallurgy. Nar. khoz. Kazakh. 18 no. 1 86 Ja '60.

KAZAKHSTAN—NONFERROUS METALS
An important potential for the increase of nonferrous metal production. A. Mochalov. Nar. khoz. Kazakh. 18 no. 1:77-80 Ja '60.

KAZAKHSTAN—ORE DEPOSITS
Formation of veins as illustrated by the Severnyy Kounrad tungsten ore deposit. V. S. Churkov. Sov. geol. 2 no.12·119-123 D '59.

KAZAKHSTAN—PASTURES AND MEADOWS
Perennial cultivated pastures and meadows in arid steppes and semi-steppes of Kazakhstan. V. I. Matveev Zemledelie 8 no. 2 74-77 F '60.

KAZAKHSTAN—PLASTICS
In the Chemistry Institute. I. Potapov. Nar. khoz. Kazakh. 18 no. 1:91 Ja '60.

KAZAKHSTAN—RADIOACTIVE TRACERS
The achievements of science in the field of nuclear radiation should serve Kazakhstan industry. I IAkovlev, G. Maksimovskii. Nar. khoz. Kazkh. 18 no 2 82-83 F '60.

KAZAKHSTAN—RESEARCH, INDUSTRIAL
Immediate tasks of scientific institutions of Kazakhstan. A. Topchiev. Nar. khoz. Kazakh. 18 no 1:10-18 Ja '60.

KAZAKHSTAN—RIVERS
Hydrochemistry of the alluvial waters of some lowlands in central Kazakhstan. E. V. Posokhov. Gidrokhim. mat. 28:153-168 '59.

KAZAKHSTAN—RUNOFF
Surface flow from runoff plots in the region of the experimental watershed in western Kazakhstan. Trudy KazNIGMI no.12.107-123 '59.

KAZAKHSTAN—RUSSIAN NEWSPAPERS
From one extreme to another. N. Lerner Part zhizn' Kazakh. 30 no 2:59-64 F '60
No, we have to discuss these problems. Part. zhizn' Kazakh. 30 no.1:64-67 Ja '60.

KAZAKHSTAN—SHEEP
Profitableness of sheep farming in Kazakhstan N. Legantseva. Nar. khoz. Kazkh. 18 no. 2.47-50 F '60.

KAZAKHSTAN—SHEEP BREEDING
Sel'kin, D. N. [Production of meat and wool on our state farm] Proizvodstvo miasa i shersti v nashem sovkhoze. Alma-Ata, M-vo sel'khoz. Kazakhskoi SSR, 1959. 17 p. (DA)

KAZAKHSTAN—SOIL MICRO-ORGANISMS
Comparative characteristics of the actinomyces of soils of the Far North and some soils of Kazakhstan. Z. F. Tepliakova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2:37-45 '59.

KAZAKHSTAN—STATE FARMS
Four years later. Leonid Skalkovskii. Sov. Kazakh. 26 no. 12,67-77 D '59.

KAZAKHSTAN—SUGAR BEETS
Physical and mechanical properties of sugar beets at the time of harvesting in irrigated beet growing region of Kazakhstan. D. A. Gutsaliuk Trudy KIMESKH 3 51-65 '59.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS
Depending on the scientific and technical community. A. Sirazutdinov. NTO 2 no. 2·17-18 F '60.

KAZAKHSTAN—TEXTILE INDUSTRY
New stage in the development of the textile industry of the republic. F. Mechalin. Nar. khoz. Kazakh. 18 no. 1 35-39 Ja '60.

KAZAKHSTAN—WAGES
Do not permit the expenditure of wage funds V. Bondarenko Nar khoz. Kazkh 18 no 2 22-25 F '60

KAZAKHSTAN—WATER—ANALYSIS
Hydrochemistry of the alluvial waters of some lowlands in central Kazakhstan. E. V. Posokhov Gidrokhim. mat. 28 153-168 '59.

KAZAKHSTAN—WHOLESALE TRADE—ACCOUNTING
Accounting for the movement of goods in a wholesale warehouse I. Druzhinin, N Sokolova. Bukhg uchet 17 no 2 57-59 F '60

KAZAN—BUILDING—ESTIMATES
Estimated costs of building materials. K Ureevskii Bukhg uchet 17 no 1 36-40 Ja '60.

KAZAN—BUILDINGS
New clubs, motion-picture theaters, and libraries I. Sabitov. Kul't -pros rab. 21 no. 1·24 Ja '60.

KAZAN—CATGUT
Mechanizing the production of catgut. P. Samylin, A. Chetaev. Mias. ind. SSSR 31 no. 1:33-34 '60.

KAZAN—FINANCE
Kasatkin, I. [The interests of the state are the interests of the people, from the work experience of a permanent financial and budgetary committee] Interesy gosudarstva - interesy naroda, iz opyta raboty postoiannoi finansovo-biudzhetnoi komissii [Kazan'] Tatarskoe knizhnoe izd-vo, 1959. 13 p. (Bibliotechka deputata)

KAZAN—MUSEUMS
Museums are more than the displays of exhibits V D'iakonov Part zhizn' no. 11 59-61 Je '60.

KAZAN—NEWSPAPER AND PERIODICAL CIRCULATION
Conductors sell newspapers. N. Butarina. Raspr. pech no. 1 14 Ja '60

KAZAN—OBSTETRICS
Obstetrical aid in the city of Kazan from 1953 to 1957. Z. N. IAkubova Kaz med. zhur 40 no. 6:101-103 N-D '59.

KAZAN—TECHNOLOGICAL INNOVATIONS
Every fifth one K. Tukhvatullin Prom. koop. 14 no 2·36 F '60.

KAZAN—PHYSICALLY HANDICAPPED—REHABILITATION
Along the path taken by many I. Kinder. Sots. obesp. 21 no. 1 37 Ja '60

KEEPSAKES (SOUVENIRS) see Souvenirs (Keepsakes)

KELLEROVKA DISTRICT—COLLECTIVE FARMS
On the unused potentialities. S. Aldoshin, P. Okorokov. Nar. khoz. Kazakh. 18 no. 1:66-68 Ja '60.

KEL'MENTSY—FARM BUILDINGS
Housewarming in Kel'mentsy. S. Dranenko. Sil'. bud. 7 no 12·20 D '57.

KEMEROVO PROVINCE—ENCEPHALITIS
Peculiarities in the clinical aspects of tick-borne encephalitis in districts of the Kuznetsk Basin with differing components in the population [with summary in English]. A. V. Dubov Vop. virus. 2 no 6:351-354 N-D '57.

KEMEROVO PROVINCE—TRANSPORTATION, AUTOMOTIVE—ACCOUNTING
Business accounting in automotive transportation. P. Bosykh, A. Mikhailov. Bukhg. uchet 18 no. 12;46-48 D '59.

KEPLER'S EQUATION see Orbits

KERATOCONJUNCTIVITIS
Data for the study of biological properties of dysentery strains investigated on chick embryos and in experimental dysenterial keratoconjunctivitis [with summary in English]. IU. A. Belaia. Zhur. mikrobiol. epid. i immun. 30 no. 12 44-47 D '59.
Some problems of dysentery on a model of experimental dysenterial keratoconjunctivitis in guinea pigs [with summary in English]. I. V. Shantarenko, Z. S. Teslia. Zhur. mikrobiol., epid. i immun. 31 no. 1·71-75 Ja '60.

KERATOMALACIA see Cornea—Diseases

KERCH PENINSULA—IRON ORES
New techniques in the preparation of Kerch ores for smelting. V. I. Karamzin and others. Metallurg 5 no. 1: 7-10 Ja '60.

KERCH REGION—LAMPS
A marble lamp from Tiritaka. M. A. Nalivkina. Sov. arkheol. 4 no. 1·268-272 '60.

KEREKESH, IURII
Genuine conflicts ("Unmarried daughter"; stories by IU. Kerekesh. Reviewed by IU. Balega). Sov. Ukr. [illegible] no. 12;141-142 D '59.

KEROSENE
Bazhenov, I. A., and V. E. Kuryshev. [Kerosene cutter] Kerosinorezchik. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 65 p.

KETENE
Synthesis of some aryl acetoacetates and derivatives of methylcoumarin based on diketene. G. D. [illegible] Zhur. prikl. khim. 33 no. 2,489-490 [illegible] '60

KETONES
Catalytic condensation of Schiff bases, synthesized from 4-aminodiphenyl and aromatic aldehydes, with aliphatic-aromatic ketones. N. S. Kozlov, Z. A. Abramova. Dokl. AN SSSR 132 no. 4:839-841 Je '60.
Catalytic synthesis of β-arylamino ketones. N. S. Kozlov, Z. A. Abramova. Zhur. ob. khim. 30 no. 5 [illegible] My '60.
Conjugated systems. Part 118: Order of the addition of [illegible] bromide to vinylacetylene ketones. L. F. Chelp[illegible] and others Zhur. ob. khim. 30 no. 5 1415-[illegible] My '60.
Coordination chain polymers. Part 1: Preparation of polymers of tris-(β-diketones) and metals [with summary in English]. V. V. Korshak and others. Vysokom. soed. 1 no. 12,1764-1771 D '59.
Determination of small amounts of beryllium by means of β-diketones [with summary in English]. E. S. Przheval'skii, L. M. Moiseeva. Zhur. anal. khim. 15 no. 1:117-118 Ja-F '60.
Interaction between β-chlorovinyl ketones and [illegible] compounds. Part 12: Ketovinylation of ethyl α-benzoyl propionate and ethyl α-benzoylbutyrate. V. F. [illegible], M. N. Belokurskaia, N. K. Kochetkov. Zhur. ob. khim. 30 no. 5·1492-1495 My '60.
Mechanism of the formation of ketones from primary alcohols. B. A. Bolotov, B. N. Dolgov, K. P. [illegible] Zhur. prikl. khim 33 no. 2·425-431 F '60.
Methods of separating radioactive isotopes without a carrier. Part 9: Separation of radioactive [illegible] extracting them in the form of β diketonates. N. F. Rudenko, I. Stary. Radiokhimiia 1 no. 6 [illegible]
Reactions of aldehydes and ketones with amides of phosphorous acids. V. S. Abramov, N. A. Il'ina Dokl. AN SSSR 132 no. 4 823-825 Je '60.
Reactions of chlorine-containing telomers [illegible] carbons. Part 3: Synthesis of aldehydes and ketones from the products of the addition of tertiary butyl chloride to divinyl and chloroprene. A. A. Petrov, Z. N. Koliaskina. Zhur. ob. khim. 30 no. 5 1450-[illegible] My '60.
Synthesis of chalcones from β-chlorovinyl ketones. N. K. Kochetkov, V. F. Belinov. Zhur. ob. khim. 30 no. 5 1495-1497 My '60.

KEUL'KUT, VIKTOR
Songs from the tundra. N. Starshinov. [illegible] no. 2·219-221 F '60.

KHABAROVSK—SHIPS—FIRES AND FIRE PREVENTION
Gas and smoke control crew were victorious. M. [illegible] Pozh. delo 6 no. 2;25 F '60.

KHABAROVSK—TIN CANS
Knife for opening tin cans. V. Melekhina, A. Kri[illegible]denko. Mias. ind. SSSR 31 no. 1:51 '60.

KHACHATURIAN, ARAM IL'ICH, 1904-
Favorite music of the people. Haiks Glezer [illegible] 24 no. 2·133-134 F '60.

KHAKASS AUTONOMOUS PROVINCE—COLLECTIVE FARMS—ACCOUNTING
Accounting for the utilization of a tractor park on collective farms. P S. Semenov. Uchet i fin. v kolkh. i sovkhoz. 17 no 1:41-45 Ja '60.

KHALTURIN, STEPAN MIKOLAEVICH, 1857-1882
History must be respected ("Stepan Khalturin" by V. [illegible]kof'ev. Reviewed by V. Chubinskii). Neva no. 12 [illegible] '59.

KHANGAR VOLCANO
Khangar volcano in the Sredinnyy Range of Kamchatka. T. IU. Marenina. Trudy Lab. vulk. no. 17 [illegible] '59.

KHANTAYKA VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of volcanic formations in the Kureika-Khantayka interfluve (northwestern Siberian Platform). [illegible] Livshits, N P. Golovanov. Inform biul NIIGA [illegible] 28-33 '59

KHANTY-MANSI NATIONAL AREA—MEDICAL CARE
Daughter of the Khanty nationality. A. Stanovova. Zdorov'e 6 no. 3:24 Mr '60.

KHARAKS—ELEVATORS
An interesting structure. Sov. Ukr. 9 no. 7:180-180 Jl '59.

KHARAULAKH MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Basic results of field lithostratigraphic investigations of Permian sediments in the central Kharaulakh Mountains. I. S. Gramberg, G. N. Aplonova. Inform. biul. NIIGA no. 13:16-22 '59.

KHARKOV—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
New method of making shaped loaves of bread. D. A. Mozgovoi. Khleb. i kond. prom. 4 no. 1:11-31 Ja '60

KHARKOV—HISTORY
Astakhov, V. I., and IU. IU. Kondufor. [Proletariat of Kharkov in three revolutions] Proletariat Kharkova v tr'okh revoliutsiiakh. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 310 p.

KHARKOV—INDUSTRIES
Signs of our life. IU. Ivanov. Sov. Ukr. 9 no. 9:5-16 S '59

KHARKOV—LIBRARY SCHOOLS AND TRAINING
In the Kharkov Library Institute, a photo sketch. M. Kaliberda, O. Shyman. Sots. kul't. 13 no. 1:24-25 Ja '60.

KHARKOV—MACHINE ACCOUNTING
Practice in organizing a branch machine accounting service center. V. Gaiva. Bukhg. uchet 17 no. 1:11-12 [illegible] '60

KHARKOV—MACHINERY INDUSTRY—ACCOUNTING
Practice of model accounting organizations at enterprises of the Kharkov Economic Council. V. Gaiva. Bukhg. uchet 17 no. 2:12-13 F '60

KHARKOV—PENS
Great problem of small fountain pens. H. Vol[illegible]. Ukraina no. 1:15 Ja '60

KHARKOV—RAILROADS—FREIGHT
Over-all mechanization of unloading thin sheet metals at the freight yard. N. M. Gavrilov, V. I. Bondarenko. Mekh. i avtom. proizv. 14 no. 1:35-38 Ja '60

KHARKOV—RESTAURANTS, LUNCHROOMS, ETC.
Daily life in Kharkov. D. Arkad'ev. Obshchestv. pit. no. 1:43-45 Ja '60.

KHARKOV—TRACTOR INDUSTRY
On behalf of our brigade. I. Anashin. [illegible] Ja '60

KHARKOV—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS
Mechanization of the cleaning of castings at the Kharkov Tractor Plant. B. I. Gol'dman. Mekh. i avtom. proizv. 14 no. 2:14-16 F '60.

KHARKOV—TRANSPORTATION, AUTOMOTIVE
Results of the consolidation of small truck parks. V. P. [illegible]lukov. Avt. transp. 38 no. 1:11-13 Ja '60

KHARKOV ECONOMIC REGION—INDUSTRIES
Scientific and technological achievements and their practical application in industry. H. [illegible]. Nauka i zhyttia 9 no. 4:20-21 Ap '59

KHARKOV PROVINCE—COMMUNIST EDUCATION
Political education and ideological training of communists. V. Titov. Komm. Ukr. 35 no. 2:11-18 F '60.

KHARKOV PROVINCE—COOPERATIVE SOCIETIES
This is the main thing. F. Shelia. Promysl. koop. 14 no. 1:14-15 Ja '60.

KHARKOV PROVINCE—FEEDING AND FEEDS
Constructing livestock fattening centers serving several collective farms in Kharkov Province. G. Andrushchenko. Sil'bud. 10 no. 1:8-10 Ja '60.

KHARKOV PROVINCE—POULTRY
They come to Vira Sydora to learn from her experience. Ukraina no. 1:5 F '60

KHARKOV PROVINCE—PRECIPITATION (METEOROLOGY)
Some calculation results in the prognosis of considerable precipitation amounts for Kharkov Province in case of approaching southern cyclones. I. N. [illegible]. Trudy UkrNIGMI no. 19:31-34 '59

KHARKOV PROVINCE—PUBLIC HEALTH—ACCOUNTING
Use of journal-voucher accounting in medical institutions. K. Belogurov. Bukhg. uchet 17 no. 2:[illegible] F '60

KHATANGA VALLEY—GEOLOGY, STRATIGRAPHIC
Permian stratigraphy of the Anabar-Khatanga interfluve. M. K. Kalinko. Trudy NIIGA 96:25-80 '59.

KHATANGA VALLEY—SEDIMENTS (GEOLOGY)
Lithology and facies of Cretaceous sediments in the northern part of the Anabar-Khatanga interfluve. A. I. Ilsharnikova. Trudy NIIGA 96:79-100 '59

KHERSON PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
For a thousand people there are 190 newspapers and magazines. P. Lysykh. Rasp. pech. no. 1:6 Ja '60.

KHERSON REGION—FOG
Conditions causing the formation of fogs in the Kherson region. A. D. Podgornaia, O. I. Khoromskii. Trudy UkrNIGMI no. 19:15-19 '59.

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906
Characteristics of the style and language of K. L. Khetagurov's journalism. L. M. Urusmagova. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:149-158 '59.
Ethical views of Kosta Khetagurov. A. Sh. Gabaraev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 3:86-110 '59.
Ethnographical essay on Kosta and his predecessors. L. P. Semenov. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:161-175 '59.
Khetagurov and the Ukraine; concerning aspects of the relationship between Ukrainian and Ossetic literature. Ivan Lutsenko. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 3:40-85 '59
Kosta and A. S. Pushkin. L. P. Semenov. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:20-30 '59.
Kosta Khetagurov. Pavlo Tychina. Izv. Sev.-Oset. nauch. inst. inst. 31 no. 3:3-9 '59.
Kosta Khetagurov and Russian literature. I. K. Lupoll. Izv. Sev.-Oset. nauch. inst. inst. 31 no. 3:10-21 '60.
Pastoral lyrics of K. Khetagurov. Z. N. Semenova. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:110-120 '59.
The rhythm of Kosta's verses. A. Kh. Blazyrov. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:120-141 '59.
Rhythmics of Kosta Khetagurov's Ossetic verses. Z. G. Isidzaeva. Izv. Sev.-Oset. nauch. inst. inst. 21 no. 3:133-138 '59
Some aspects concerning Kosta Khetagurov's political poetry. I. Zgusta. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 3:22-37 '59.

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906—BIBLIOGRAPHY *see* Bibliography—Khetagurov, Konstantin Levanovich, 1859-1906

KHETAGUROV, KOSTA, 1859-1906
[Kosta Khetagurov, articles on his life and works] Kosta Khetagurov, stat'i o zhizni i tvorchestve. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1959. 303 p.

KHETAGUROV IN LITERATURE AND ART
S. K. Tautiev in the role of Kosta. T. Kh. Karlaeva. Izv. Sev.-Oset. nauch. inst. inst. 31 no. 3:159-163 '59.

KHIBINY MOUNTAINS—NEPHELINE SYENITE
Galakhov, A. V. [Rinkolites in the Khibiny alkali massif] Rinkolity Khibinskogo shchelochnogo massiva. Moskva, Izd-vo Akad. nauk SSSR, 1959. 169 p.

KHIBINY MOUNTAINS—SPRING
In the Khibiny Mountains. P. M. Medvedev. Priroda 49 no. 5:75-76 My '60.

KHIBINY MOUNTAINS—TIMBER LINE
Timber line as a factor of climatic conditions. V. V. Krenovskov. Inform. sbor. o rab. Geog. fak. Mosk. gos. univ. po Mezhdunar. geofiz. godu no. 6:29-40 '58

KHIDOIATOV, ABRAR, 1900-1958
A word about a distinguished actor. IA. Fel'dman. Teatr 21 no. 2:109-111 F '60.

KHINCHIN, ALEKSANDR IAKOVLEVICH, 1894-1959
Aleksandr Iakovlevich Khinchin, obituary. P. S. Berezanskaia, A. IA. Margulis. Mat. v shkole no. 1:77-79 Ja-F '60.

KHLEBNIKOV, EVGENII LEONIDOVICH, 1905-1960
In memory of E. L. Khlebnikov. Transp. stroi. 10 no. 2:64 F '60

KHMELEVOYE—EDUCATION, COOPERATIVE
Changes in the village of Khmelevoye. Oleksandr Motornyi. Ukraina no. 4:18-19 F '60.

KHMEL'NIK—MINERAL WATERS
Mineral water in the city of Khmel'nik in the Vinnitsa Province (Hydrochemical characteristics). P. A. Burkser, V. V. Budzher, B. B. Zaidis. Gidrokhim. mat. 29:169-174 '59.

KHMEL'NITSKIY—EYE—SURGERY
A woman that restores sight. Ivan Sochyvets'. Ukraina no. 4:8 F '60.

KHMEL'NITSKIY—THEATER
The Khmel'nitskiy Theater today. Teatr 21 no. 2:104-105 F '60.

KHMEL'NITSKIY PROVINCE—LIBRARIES, RURAL
When we work industriously. D. IAnushkevych. Sots. kul't. 17 no. 1:37-38 Ja '60.

KHMEL'NITSKIY PROVINCE—WOMEN—SOCIETIES AND CLUBS
Women's committees in rural areas. I. Duda. Sov. deput. trud. no. 3:70-72 Mr '60.

KHMEL'NITSKIY PROVINCE (UKRAINE)—CARDIOVASCULAR SYSTEM—DISEASES
Study of the incidence of cardiovascular diseases and rheumatic fever in the urban population of Khmel'nitskiy Province in the Ukraine in 1956. K. M. Sherstnov, I. S. Guseva. Vrach. delo no. 12:1313-1317 D '59.

KHMEL'NITSKIY PROVINCE (UKRAINE)—RHEUMATIC FEVER
Study of the incidence of cardiovascular diseases and rheumatic fever in the urban population of Khmel'nitskiy Province in the Ukraine in 1956. K. M. Sherstnov, I. S. Guseva. Vrach. delo no. 12:1313-1317 D '59.

KHODCHENKO, PAVLO SEMENOVYCH, 1880-
Celebration of the anniversary of P. S. Khodchenko, a writer. Dnipr. vykh. 21 no. 2:41 F '60.

KHOPER PRESERVE—BEAVERS
Material on the ecology of the beaver in the Khoper Preserve. V. V. Makarov. Uch. zap. Mosk. gor. ped. inst. 84:159-170 '58

KHOPER VALLEY—BOTANY
In Khoper forests. A. F. Kireev. Priroda 49 no. 5:77-79 My '60.

KHOPER VALLEY—EARTHWORMS
Earthworms of the Tellerman Forest and their distribution in the upland oak forests and in the lowland forests. I. I. Malevich, T. S. Perel'. Uch. zap. Mosk. gor. ped. inst. 84:257-268 '58.

KHOR'KOV, VLADIMIR IOSIFOVICH
There comes the master! V. Ankerko. Len. khoz. 13 no. 1:67 Ja '60.

KHOROSHEVO—LODGINGHOUSES
Branches of the club in lodginghouses. F. Rubanova. Kul't.-prosv. rab. 21 no. 1:27 Ja '60.

KHOTIMSK DISTRICT—RURAL CONDITIONS
In our homeland. L. Baravala. Rab. i sial. 36 no. 1:5 Ja '60.

KHOTIMSK DISTRICT—WOMEN AS LETTER CARRIERS
Against the wind. I. Anoshkin. Rab. i sial. 36 no. 1:11 Ja '60.

KHOT'KOVO—ELECTRIC INSULATORS AND INSULATION
Creative leave. M. Liber. Sov. Soiuz no. 3:26-27 '60.

KHOYNIKI DISTRICT—RURAL CONDITIONS
New developments in the everyday life of collective farm villages. M. IA. Grynblat, L. A. Malchanava. Pratsy IMEF AN BSSR 1:5-131 '59.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
An artist is responsible for his talents. IUr. Zubkov. Teatr. zhizn' no. 24:3-5 D '59.
"Cordial meetings" by V. I. Poliakov. Reviewed by Nik. Vorob'ev. Sov. pech. no. 2:10-11 F '60.
On a visit of friendship to countries of Asia. Sov. Soiuz no. 3:1 '60.
Photographic annals of a triumphal tour. E. Riabchikov. Sov. foto 20 no. 1:6-9 Ja '60.
Thrilling reporting of an historical visit ("Face to face with America." Reviewed by M. Sturua). Sov. pech. no. 1:11-15 Ja '60.
We shouldn't beg for peace, we have to win it. I. Poliakov. Part. zhizn' no. 10:31-38 My '60

KHURBA (KHABAROVSK TERRITORY)—POSTAL SERVICE—EMPLOYEES
Following Valentina Gaganova's example. A. T. Galat. Vest. sviazi 20 no. 1:25 Ja '60.

KIDNEYS — DISEASES (Continued)

Significance of tomography associated with pneumoperitoneum in the diagnosis of kidney diseases [with summary in English]. K. A. Golubeva. Vest rent. i rad. 34 no. 6:53-58 N-D '59.

KIDNEYS—INNERVATION

Comparative electrophysiological and functional characteristics of relatively slow and fast oscillations in potent potentials of afferent impulses in the renal nerves. IU. I. Pines. Trudy Inst. fiziol. 8:395-403 '59.

Electrophysiological investigation of vascular mechanoreceptors of kidneys [with summary in English] IU. I. Pines Fiziol zhur 45 no 11 1339-1347 N '59

KIDNEYS—SURGERY

Problem of compensatory changes in renal functions following unilateral nephrectomy [with summary in English]. V. I Fedenkov Biul eksp biol i med 48 no 11 34-37 N '59.

KIESELGUHR see Diatomaceous earth

KIEV—ACCLIMATIZATION (PLANTS)

Decorative wild plants of the Altai which might be used for cultivation in Kiev S M Lytvynenko Trudy Bot sada AN URSR 6 77-82 '59

KIEV—AERONAUTICS

Members of the factory aeronautics club. N. Paraliush. Kryl. rod. 11 no. 1:16 Ja '60.

KIEV—ART—EXHIBITIONS

For our people. O. Malashenko. Mystetstvo 6 no. 4: 38-39 Jl-Ag '59.

Treasures of Ukrainian art L. Popova. Mystetstvo 6 no 4 40-42 Jl-Ag '59.

KIEV—BOARDING SCHOOLS

My methodological work in a boarding school O F Tkachuk Rad shkola 39 no 1 45-50 Ja '60

Our students study the language of the fraternal Chinese people B F. Mel'nychenko, F. S. Zinger Rad shkola 39 no 1 59-62 Ja '60.

KIEV—BOOK INDUSTRIES

Inspiring work of the printing industry. IA. Gen. Sov. Ukr. 9 no. 12:166-168 D '59.

KIEV—BOTANICAL GARDENS

Results of 14 years of operation of the seed laboratory of the Botanical Garden of the Academy of Sciences of the Ukrainian S. S R N. M. Dudyk Trudy Bot. sada AN URSR 6 118-121 '59.

Some features of the wind cycles in the Botanical Garden of the Ukrainian Academy of Sciences L. M Shyman. Trudy Bot. sada AN URSR 6 122-129 '59

KIEV—BUILDING TRADES

They work and study. O. IUrchenko. Ukraina no. 1:4 F '60.

KIEV—CABLES

We should economize with nonferrous metals. L. Grabin. Komm. Ukr. 35 no. 2:91-92 F '60.

KIEV—CITY PLANNING

Boats on the streets. V. Sabaldyr. Znan. ta pratsia no. 2:7 F '60.

KIEV—DESCRIPTION

A book on the socialist Kiev ("Socialist Kiev" by I. P. Starovoitenko. Reviewed by I Mukomel') Ekon Rad Ukr. no. 6 100-101 N-D '59

KIEV—ELECTRIC ENGINEERING

History of the development of the Faculty of Electrical Engineering at Kiev Polytechnic Institute V O Kamenieva. Nar z ist. tekh no 5 145-161 '59.

KIEV—ENSEMBLES (MUSIC)

The days of creative work. V. Zavalishina. Sots. kul't. 13 no. 1:22 Ja '60.

KIEV—EXCAVATING MACHINERY—ACCOUNTING

Cards of estimated annual supply requests. V. Grinets. Bukhg. uchet 17 no 2,46-47 F '60

KIEV—FIRE PREVENTION—STUDY AND TEACHING

Struggling for knowledge. P. Tochilkin. Pozh. delo 6 no. 2:16-17 F '60.

KIEV—FRUIT CULTURE

The veteran. Viktor Hovlada. Ukraina no. 4:24 F '60.

Wonderful orchard. Vasyl' Kucher. Ukraina no. 4:10-12 F '60.

KIEV—GRAPHIC ART—EXHIBITIONS

Republic exhibit of water colors and drawings. L. Popova. Stroi. i arkhit. 8 no. 1:10 Ja '60.

KIEV—HEPATITIS, INFECTIOUS

Some epidemiological features of the morbidity of epidemic hepatitis (Botkin's disease) in Kiev during a six-year period. I. T. Tishchenko, L. A. Stankevich. Zhur. mikrobiol., epid. i immun. 31 no. 1:142-143 Ja '60.

KIEV—HISTORICAL MUSEUMS

A day in the V. I. Lenin Museum. V. Rechmedin, O. Khablo. Ukraina no. 4:1-2 F '60.

KIEV—KINDERGARTEN

Communist education must be the main consideration. V. Il'chenko. Doshk. vykh. 21 no. 2:3-4 F '60.

Kindergartens and schools. I. Volkova Doshk. vykh 21 no 1 13-16 Ja '60.

KIEV—KINDERGARTENS

Children and teachers. Mariia Kapnist. Sov. Ukr. 9 no. 7:182-185 Jl '59.

KIEV—MARKETS

Market. K. Grigor'ev. Sov. Soiuz no. 11 10-11 '58

KIEV—MONUMENTS

The works of sculpture that adorn Kiev. N. Mulkidzhanian. Mystetstvo 6 no. 6 18-20 N-D '59.

KIEV—MUSEUMS

Guidebooks to Kiev museums. A. IA. Shevelenko. Ist. SSSR no 1 204-206 Ja-F '60

KIEV—NAME

The name of Kiev in the works of tenth century Arabic geographers and its interpretation in historical literature. V. M. Beilis. Ukr. ist. zhur 4 no. 1:81-86 Ja-F '60

KIEV—NUCLEAR REACTORS

Atomic reactor in Kiev A. Khidekel'. Znan. ta pratsia no. 1 8 Ja '60.

KIEV—PAINTINGS—CONSERVATION AND RESTORATION

From our experience. F. Demydchuk Mystetstvo 6 no 4 44 Jl-Ag '59.

In a restorative workshop. I. Dorofiienko. Mystetstvo 6 no. 4:42-44 Jl-Ag '59.

KIEV—POTTERY

Seventh-ninth century Slavic ceramics from Kiev A M Shovkoplias Krat soob Inst arkheol AN URSR no 8 169-172 '59

KIEV—RESTAURANTS, LUNCHROOMS, ETC.—*ACCOUNTING*

Accounts given on the first of the month. S. Svitich. Obshchestv. pit. no. 2:43-45 F '60.

KIEV—REVOLUTION, 1917-1921—DRAMA

Poetry of a revolutionary struggle. Iosif Kiselev. Sov. Ukr. 10 no. 1,153-156 Ja '60.

KIEV—SHIPBUILDING

Ships built in Kiev O. Baibakov, O. Molozhanov Nauka i zhyttia 6 no. 9 14-15 S '56.

KIEV—SHOE MANUFACTURE

Brigade of communist labor. A. Moskalenko, M. Rozenblat. Kozh.-obuv. prom. 2 no 1:11-13 Ja '60.

KIEV—SNOW REMOVAL

Removing snow by dumping it into sewer systems. S. Kolobanov, E Kigel' Zhil.-kom khoz 10 no 1:23-25 '60.

KIEV—STADIUMS

What's new in the construction of the Sport Palace in Kiev. M. Grechina. Stroi. i arkhit. 8 no. 1:6-9 Ja '60.

KIEV—SUBWAYS

Kiev subway. L. Saprykin. Nauka i zhyttia 8 no. 4:14-18 Ap '58.

My place in life. V. Nazarov. Ukraina no. 4:4 F '60.

KIEV—SWIMMING

"Walruses" on the Dnieper. H. Voliana'kyi. Ukraina no. 4:29 F '60.

KIEV—TEXTILE FIBERS, SYNTHETIC

Let's economize electric power. P. Vynokur. Sots. kul't. 13 *no. 1:9 Ja '60.*

KIEV—TEXTILE WORKERS

Educate and train in work. G. Reva. Politekh. obuch. no. 12:78-79 D '59.

KIEV—THEATER

Brief news. Mystetstvo 6 no. 4:47 Jl-Ag '59.

Path of serving the people; on the 40th anniversary of the founding of the Franko Theater in Kiev. L. Beletskaia. Sov. Ukr. 10 no. 1:138-142 Ja '60.

Remarkable artistic achievement. I. Buts'ka Mystetstvo 6 no. 4:32-34 Jl-Ag '59.

KIEV—THEATER, OPEN-AIR

Open-air theater built of precast reinforced concrete. V. Chuprina and others. Stroi. i arkhit. 8 no. 1:21 Ja '60.

KIEV—UNIVERSITIES AND COLLEGES

A university invested with an order. G. IAkovenko. Sov. Ukr. 9 no. 9:120-130 S '59.

KIEV—VOCATIONAL EDUCATION

Some results of five years of experience. V. N. Gnedin. Politekh. obuch. no. 12:13-15 D '59.

KIEV—WAREHOUSES—ACCOUNTING

Improve the accounting for fuel in warehouses. S. IAtsenko, N. Belukha. Bukhg. uchet 16 no. 12:49-51 D '59.

KIEV—WATER—PURIFICATION

Taste and odor control in drinking water of the Dniep water-supply system in Kiev. N Litvinov, G Rudenko Zhil.-kom khoz 10 no 1:22-23 '60

KIEV—ZOOLOGICAL GARDENS

Kiev zoo A Perekhrest, IU. Pashchenko. Nauka i zhyttia 6 no 9 30-32 S '56

KIEV (SVYATOSHINO DISTRICT)—FRUIT CULTURE

A collective farm orchard. I. Kostin. Nauka i zhyttia 8 no. 11 42-44 N '58.

KIEV (SVYATOSHINO DISTRICT)—STOCK AND STOCK-BREEDING

Not far from a big city Ukraina no 3 6-7 F '60

KIEV ECONOMIC REGION—MACHINE ACCOUNTING

Conference on machine accounting. Bukhg. uchet 16 *no. 12:71-73 D '59.*

KIEV PROVINCE—AUDITING

Work practice of auditing and inspection groups in enterprises of the Kiev Economic Council A Kashper Bukhg uchet 17 no. 3 30-32 Mr '60

KIEV PROVINCE—BRIDGES, CONCRETE

Eight-span bridge built of prestressed composite beams E I. Shtil'man, A. Z Barlngol'ts, G I Rusakov. Avt dor 23 no 2:11-12 F '60

KIEV PROVINCE—CHALK

Production of chemically precipitated chalk in plants of the Kiev Sugar-Beet Trust. N. M. Kozlov, O. F. Gromovaia. Sakh. prom. 34 no. 1:30-31 Ja '60.

KIEV PROVINCE—COURTS

Work of communal courts. I. Prysich, L. Lehcza. Rad. pravo no. 1:40-42 Ja-F '60.

KIEV PROVINCE—CRIME PREVENTION

Punishment and upbringing. I. A. Belenchuk Sov. Ukr 5 no. 8:138-143 Ag '59.

KIEV PROVINCE—GEOGRAPHY, HISTORICAL

Forgotten historical monuments in the outskirts of Kiev. M. V. Sharleman'. Ukr. ist. zhur. 4 no. 1 135-137 Ja-F '60.

KIEV PROVINCE—PARASITES—DOMESTIC ANIMALS

Agents of zoonoses occurring in Kiev and surrounding areas. R. S. Chebotarev and others. Vrach. delo no. 12 1305 D '59.

KIEV PROVINCE—SPORTING GOODS

We need good sporting goods. A. Zasukhin. Prom. koop. 14 no. 1,8 Ja '60.

KIEV PROVINCE—WOLVES

They got rid of a pack of wolves. S. Puchkov. Znan. ta pratsia no. 2:23 F '60.

KIEV REGION—FOG

Fogs in the Kiev region. N E. Vinokurov, N V. Ok[illegible] Trudy UkrNIGMI no. 10:25-34 '59.

KIEV REGION—SOLAR RADIATION

Attenuation of total radiation by clouds. I. Z. Prikh Trudy UkrNIGMI no. 10:15-24 '59.

KILNS

Drying clay tiles in compartment and tunnel kilns R. S. sovych. Sil'. bud. 10 no. 2:19-20 F '60.

Selecting a better design of tunnel kilns for the Russian ceramic industry. B N. Ol'shovskii Stek i ker 17 no. 1 47-48 Ja '60

KILNS, ROTARY

Causes of the breakdown of the uncompleted kiln of a cement plant. V. G. Grebenkin. Prom. stroi. 38 no. 3: 50-51 '60.

KIMBERLITE see subdivision under Kola Peninsula

KIMOVSK DISTRICT—AGRICULTURE

Discussion of the decisions of the plenum of the Central Committee of the CPSU in December 1959 at a district soviet. L. Filatov, T. Kapustin. Sov. deput. trud. no. 2:40-49 F '60.

KINDERGARTEN

(see also subdivision under Kiev)

Answering our readers' questions. Doshk. vykh. 21 no. 1:47 Ja '60.

Developing the spirit of collective work in preschool children. H. Leushyna. Doshk. vykh. 21 no. 2:5-16 F '

Executive committees of the Province Councils report. Dosh. vosp. 33 no. 2:6-7 F '60.

Experience that deserves dissemination. B. Aleksandr TS. A. Nodel'. Dosh. vosp. 33 no. 2:108-113 F '60

Give our children the happiness of childhood. S Hnach rov. Doshk. vykh. 21 no. 2:23-25 F '60.

Kindergarten network is growing speedily. V. G. Gosu Dosh. vosp. 33 no. 2:7-10 F '60.

Let's thoroughly study the problem of the inculcation of work habits. O. Frolova, N. Krasina. Doshk. vykh. 21 no. 1:36-38 Ja '60.

KINDERGARTEN (Continued)

Let's work out a strict system for the inculcation of work habits in children. R. Bushin. Doshk. vospit. 31 no.2 10-22 F '60.

Play and work [illegible] in kindergartens. [illegible] Sov. pedag. 24 no.[illegible] '60.

Program on the [illegible] of great importance. M. M[illegible]. Doshk. vospit. [illegible] no.1 38-39 Ja '60.

Some remarks apropos the [illegible] Kovol'ki. Doshk. vospit. 21 no.1 [illegible] Ja '60.

We should thoroughly prepare children for [illegible] studies. R. Bol[illegible]. Doshk. [illegible] no.1 [illegible] Ja '60.

Winter walks. V. Mashatina. Doshk. vospit. [illegible] no.1 27-30 Ja '60.

KINDERGARTEN—MUSIC

Diction in teaching singing in the kindergarten. Zh. G. Agadzhanova. Doshk. vosp. [illegible] no.2:13-16 F '60.

Musical games. V. V. [illegible]. Doshk. vosp. [illegible] no.[illegible] 28-13 F '60.

Song in the life of the little ones. E. A. Vil'derman. Doshk. vosp. 33 no.2:30-33 F '60.

KINDERGARTEN—SANITARY AFFAIRS

Joint work of physicians and teachers in institutions for preschool children. V. [illegible]. Doshk. vospit. 21 no.1:[illegible] Ja '60.

KINDERGARTENS

(see also subdivision under Ak[illegible] District, A[illegible] Kashin District, Kazakhstan, Kiev, Krasnodar Territory, Rostov Province, [illegible] Province, [illegible] District, Shadrinsk District, Ul'yanovsk District, Voronezh Province)

Housekeeping of a collective farm kindergarten. D. A. Gubova. Doshk. vosp. 33 no.[illegible] My '60.

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETIC THEORY OF LIQUIDS see Liquids, Kinetic theory of

KINETICS see Motion

KIPRENSKII, OREST ADAMOVICH, 1782-1836

The portrait of Davydov by O. A. Kiprenskii. [illegible] Zhuravlev. Iskusstvo [illegible] '60.

KIRGHIZISTAN—COAL—TESTING

Mechanical properties of some coals of Kirghizistan and Kazakhstan. I. M. Batalin, Z. A. D[illegible]. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no.[illegible] '59.

KIRGHIZISTAN—EXCAVATIONS (ARCHAEOLOGY)

Archaeological works in southern Kirghizistan in 1957. Iu. A. Zadneprovskii. Krat. soob. IIMK no.80:41-52 '60.

KIRGHIZISTAN—HISTORY

History of Kirghizistan in the works of P. P. Semenov-Tian'-Shanskii. Izv. Kir. fil. Geog. ob-va SSSR [illegible] 93-100 '59.

KIRGHIZISTAN—PASTURES AND MEADOWS

Irrigation of alpine hayfields and pastures of Kirghizistan as a feed supply strengthening measure. V. G. Kul'kov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR [illegible] '60.

KIRGHIZISTAN—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of Kirghizistan. B. A. Lando. Izv. Kir. fil. Geog. ob-va SSSR no.1:33-61 '60.

KIRGHIZISTAN—SUGAR BEETS

Fertilizing [illegible] seed [illegible] sugar beets [illegible] in the irrigated [illegible] growing areas. [illegible] Sakh. prom. 34 no.[illegible]

KIROV, SERGEI MIRONOVICH, 1886-1934

Kirov in Leningrad, on the 25th anniversary of his death. Georgii Khodakov. Zvezda no.12:111-116 D '59.

KIROV—BOOKMOBILES

Bring the mobile library to every dwelling. A. Plaksin. Kul't.-prosv. rab. [illegible] Ja '60.

KIROV—LEATHER, ARTIFICIAL

From the pages of factory newspapers. [illegible] prom. 2 no.1 [illegible] Ja '60.

KIROV DISTRICT—STATE FARMS

Shortcomings in the agricultural planning of a [illegible]. A. Syzdykov. Nar. khoz. Kazakh. [illegible] Ja '60.

KIROV PROVINCE—FIRE PREVENTION—RESEARCH

Kirov extragovernmental fire prevention research station. A. Krekoten', N. [illegible]. Pozh. delo [illegible]

KIROV PROVINCE—LUMBERING—MACHINERY

Over-all mechanization and automation of [illegible] in Kirov Economic Region. [illegible]. Mekh. i avtom. proizv. 14 no.1:28-32 Ja '60.

KIROVOGRAD PROVINCE—BREAD

Preparation of bread with liquid yeasts. S. P. Dubach. Khleb. i kond. prom. 3 no.12:32 D '59.

KIROVOGRAD PROVINCE—BUILDING MATERIALS

Let's provide planning organizations with an adequate supply of materials made by ourselves. H. Komissarenko. Sil'. bud. 10 no.1:15 Ja '60.

KIROVOGRAD PROVINCE—SUGAR BEETS

More sugar beets at reduced cost. P. Mulin. NTO 2 no.[illegible] Ja '60.

KIROVOGRAD REGION—FOG

Formation of fogs in the Kirovograd region. N. S. Lvova. Trudy UkrNIGMI no.18:48-57 '59.

KISEL', ALEKSANDR ANDREEVICH, 1859-1938

Aleksandr Andreevich Kisel'; on the one hundredth anniversary of his birth. I. A. Zinov'ev. Med. sestra 19 no.[illegible] Mr '60.

Honored Scientist Professor Aleksandr Andreevich Kisel', on the 100th anniversary of his birth. I. E. Maizel'. Probl. [illegible] 5 no.6:110-118 N-D '59.

KISHINEV—CONFECTIONERY

Operation of the Kishinev confectionery and macaroni factory. I. G. Preobrazhenskii, A. S. Golu[illegible]. Khleb. i kond. prom. 4 no.1:[illegible] Ja '60.

KISHINEV—INDUSTRIES

Give more unstinting attention to the introduction of new techniques. [illegible]. Kommun. Mold. 5 no.[illegible] '60.

KISHINEV—INSTALLMENT PLAN

[illegible] accounting for payments of [illegible]. [illegible] 16 no.1 [illegible]

KISHINEV—MACARONI

Operation of the Kishinev confectionery and macaroni factory. I. G. Preobrazhenskii, A. S. Golu[illegible]. Khleb. i kond. prom. 4 no.1:[illegible] Ja '60.

KISHINEV—RAILROADS—CARS

[illegible]. Kommun. Mold. 5 no.2:[illegible]

KISLIK, NAUM

[illegible] ("My poems" by Naum Kislik. Reviewed by [illegible]). [illegible] 17 no.1:10 Ja '60.

KISLOVODSK—DESCRIPTION

Chilikin, M. I. [Kislovodsk, an all-Union health resort] Kislovodsk—vsesoiuznaia zdravnitsa. Izd. 2. Moskva, [illegible] 1959. 42 p. (Nauchno-populiarnaia [illegible] literatura)

KITAEV, EVGENII VASIL'EVICH, 1884-1959

Evgenii Vasil'evich Kitaev; obituary. Elektrosviaz' 14 no.1:[illegible] Ja '60.

KITCHEN UTENSILS see subdivision under Germany, West [illegible] Province

KIZEL—[illegible]

[illegible]

KIZEL BASIN—COAL MINES AND MINING

Effects of lengths of longwalls in steeply pitching seams of the Kizel Basin. L. S. Kotkin. Trudy Gor.-geol. inst. UFAN SSSR no.4[illegible] '59.

Mining Kizel Basin deposits at great depths. I. N. Sidorov. Trudy Gor.-geol. inst. UFAN SSSR no.40:5-11 '59.

KIZEL BASIN—GEOLOGY, STRATIGRAPHIC

Stratigraphic analysis of terrigenous deposits of the lower Carboniferous in the northern part of the Kizel Basin. M. V. Bagdasarova and others. Dokl. AN SSSR 112 no.4:649-651 My '60.

KLAUS, KARL KARLOVICH, 1796-1864

An unpublished letter from J. Berzelius to K. Klaus. [illegible]. Vop. ist. est. i tekh. no.[illegible]:145-146 '59.

[illegible] DISTRICT—PUBLIC HEALTH, RURAL

Work of the Zaostrovskii rural health center. N. P. Lapshina. Zdrav. Ros. Feder. 4 no.[illegible]:40 Mr '60.

KLYSTRONS

[illegible] klystron with radially diverging [illegible]. V. P. Pa[illegible]. Izv. LETI no.[illegible]:101-110 '59.

[illegible] characteristics which occur in a klystron [illegible]. I. I. Zil'berman. Izv. LETI no.[illegible]

[illegible] of frequency by the use of a reflex klystron. [illegible]

[illegible] the analysis of a reflex klystron by means of a weak [illegible]. N. V. [illegible]. Izv. vys. ucheb. zav.; [illegible]

KNEE

Registering the amplitude of flexion of the knee joint with the electrogoniograph. V. V. Tsel'iakov. Ortop., travm. i protez. 20 no.12:[illegible] D '59.

KNEE—DISEASES

Intra-articular disorders of the knee joint as shown by data from a military hospital. I. A. Mezhenin. Voen.-med. zhur. no.2:40-41 F '60.

KNEE—FRACTURE

Complications in closed intra-articular fractures of the knee joint. A. A. Rumiantseva. Kaz. med. zhur. 40 no.6:71-76 N-D '59.

KNEE—SURGERY

Expert evaluation decisions following meniscectomy. V. A. Moiseenko. Voen.-med. zhur. no.2:47 F '60.

Immediate and late results of surgical treatment of injuries to the meniscus of the knee joint. K. D. Kirov. Voen.-med. zhur. no.2:[illegible] F '60.

KNEE—WOUNDS AND INJURIES

Diagnosis, treatment, and late results of injuries to the meniscus of the knee joint. B. A. Kosti[illegible]. Voen.-med. zhur. no.2:38-40 F '60.

Expert evaluation of military personnel with traumatic disorders of the knee joint. M. I. Stoliarov. Voen.-med. zhur. no.2:41-46 F '60.

Physical education in the complex treatment of patients with injuries of the semilunar cartilages of the knee joints. V. I. Kon[illegible]. Zdrav. Belor. 6 no.3:46-47 Mr '60.

KNEE JERK see Reflexes

KNIT GOODS INDUSTRY see subdivision under Moscow

KNITTING

Bullan, L. M. [Twenty-five types of knitting] Viazanie 25 modelei. Moskva, Vses. koop. izd-vo, 1960. 80 p.
([illegible])

Mikhailova, M. A. [Hand knitting] Ruchnoe viazanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 308 p. illus.

KNOTWEED see subdivision under Dzungarian Ala-Tau

KNOWLEDGE, THEORY OF

The nature of conceptions and their role in the cognitive process. T. K. Nikol'skaia. Uch. zap. Sar. un. 60:169-170 '57.

Problems of the theory of knowledge in G. V. Plekhanov's philosophical works. N. T. Sorokina. Trudy GIPI 11 no.[illegible] '59.

Skepticism in J. Locke's theory of knowledge. G. A. Zaichenko. Nauch. dokl. vys. shkoly; filos. nauki no.4:[illegible] '60.

KOHTLA-JARVE—SEWAGE DISPOSAL PLANTS

Work of the biological sewage treatment plant at the "Kohtla-Jarve" shale processing combine. I. A. Ill[illegible]. Vod. i san. tekh. no.2:[illegible] F '60.

KOKCHETAV—RESPIRATORS

Propagandists also need help. G. Nikonov. Part. zhizn' Kazakh. [illegible] no.2:57-58 F '60.

KOKCHETAV PROVINCE—GEOLOGY, STRATIGRAPHIC

Famennian marine deposits in Kokchetav Province. M. A. Zhukov, R. A. Kopiatkevich. Vest. AN Kazakh. SSR 16 no.1:[illegible] Ja '60.

KOK-SAGHYZ

Vegetative propagation as a method for cultivating kok-saghyz. I. M. [illegible]. Trudy Inst. bot. AN Kazakh. SSR 7:[illegible] '59.

KOLA PENINSULA—GEOLOGY, STRUCTURAL

Tectonic structure of the Lovozero sedimentary-volcanogenic series on Kola Peninsula. I. V. Bunin. Izv. Kar. i Kol'. fil. AN SSSR no.4:5-10 '59.

KOLA PENINSULA—KIMBERLITE

Diamond prospects and kimberlites of the Kola Peninsula. V. O. Bochkov. Izv. Kar. i Kol'. fil. AN SSSR no.4:20-24 '59.

KOLA PENINSULA—LOGGING (GEOLOGY)

Determining the thickness of loose sediments by vertical electric sounding in parts of the central Kola Peninsula. L. P. Vorob'ev, V. I. Lemeto. Izv. Kar. i Kol'. fil. AN SSSR no.4:47-49 '59.

KOLA PENINSULA—MINERALOGY

Some data on the mineralogy of the preglacial weathering crust in the Yona-Kovdor region (Kola Peninsula). A. P. Afanas'ev. Izv. Kar. i Kol'. fil. AN SSSR no.4:34-36 '59.

KOLA PENINSULA—SCIENCE

Brief news. Izv. Kar. i Kol'. fil. AN SSSR no.4:157-160 '59.

Manuscript on the history of science and technology (Karelia and the Kola Peninsula). Izv. Kar. i Kol'. fil. AN SSSR no.4:150-152 '59.

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOL'CHUGINO—LIBRARIES

Library of a political education study room S Zheglova Part zhizn' no 11 63-65 Je '60

KOLKHOZES see Collective farms

KOLOCHIN (RECHISTA DISTRICT)—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations a the ancient site of Kolochin1 in southern White Russia. E.A.Symonovich. Krat. soob.IIMK no.77:70-76 '59.

KOLODUB, LEV NIKOLAEVICH

L.Kolodub's First Symphony. N.Goriukhina. Sov.muz. 24 no.2:80-82 F '60.

KOLOMNA—GAS TURBINE LOCOMOTIVES

First Soviet gas-turbine locomotive. R.I.Shargovskii. Zhel.dor.transp. 42 no.1 21-22, 48b-48c Ja '60.

KOLOMNA—LOCOMOTIVE WORKS

Saving nonferrous metals. I.Gurevich. NTO 2 no.2:46 F '60.

KOLOMYYA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

In an organized and steady way. A.Borshch. Raspr. pech. no.2:5 F '60.

KOLOSOV, ALEKSEI IVANOVICH, 1897-1956

For artistic mastery in the sketch. A.Baltaga. Sov.Ukr 9 no 8 159-166 Ag '59

KOLPASHCHIKOV, IL'IA EGORYCH

Egorych. D.Matveev. Sel'.mekh. no.2:43-44 '60.

KOLPASHEVO—POLITICS AND GOVERNMENT

Over zealous administrators. E.Fedorov. Sov.deput. trud. no.3:111 Mr '60.

KOL'TSOV, ALEKSEI VASIL'EVICH, 1809-1842

"Kol'tsov in the eyes of his contemporaries." Reviewed by V.Putintsev. Vop.lit. 4 no.1:226-227 Ja '60.

KOLYCHEV, OSIP IAKOVLEVICH

"Selected works"; verse by O.Kolychev Reviewed by Vs Azarov Zvezda no 11 215 N '59.

KOLYMA VALLEY—GEOLOGY, STRUCTURAL

General structural features of the Paleozoic downfold in the southwestern part of the middle Kolyma massif. N.A.Bogdanov. Dokl.AN SSSR 132 no.3 652-654 My '60.

KOMI A.S.S.R.—AUTOMOBILE DRIVERS

Neglecting and important matter. V.Shchepin. Za rul. 18 no.1:13 Ja '60.

KOMI A.S S R —RAILROADS—MAINTENANCE AND REPAIR

Excellent section operating under arctic conditions. B.V.Shmykov. Put' i put.khoz. 4 no.3:6-7 Mr '60.

KOMMISSARZHEVSKAIA, VERA FEDOROVNA, 1864-1910

The feat of Kommissarzhevskaia. R.Ben'iash. Neva no.2:201-208 '60.

Letters from V.F.Komissarzhevskaia; on the 50th anniversary of her death. Teatr 21 no.2:134-140 F '60.

KOMSOMOLSK-ON-AMUR REGION—GEOLOGY, STRATIGRAPHIC

New date on the Quaternary stratigraphy of the Komsomolsk region. T.V.Nikolaeva. Sov.geol. 2 no.11:135 N '59.

KONOBEEVSKII, SERGEI TIKHONOVICH, 1890-

Sergei Tikhonovich Konobeevskii, on the seventieth anniversary of his birth. G.S.Zhdanov. Usp.fiz nauk 71 no.1:161-165 My '60.

KONSTANTINOVKA DISTRICT—AGRICULTURE

They will produce 200 poods of grain per hectare. Znan. ta pratsia no.1 9 Ja '60.

KORAN

Truth about "holy books." K.Voropaieva. Nauka i zhyttia 8 no.11:49-52 N '58.

KOREA, NORTH—ECONOMIC CONDITIONS

The Korean People's Democratic Republic. Agitator no.3:27-28 F '60.

KOREA, NORTH—MINING ENGINEERING

Comparative evaluation of mining systems for flat lode ores in the Korean People's Democratic Republic. Cho'i Chong-yo'n Izv.vys.ucheb zav., gor zhur. no.5:3-10 '59

KOREA, NORTH—PUBLIC HEALTH

Upsurge of the public health system of the Korean People's Democratic Republic. V.S.Stepanov. Zdrav.Ros.Feder. 4 no.1:34-37 Ja '60.

KOREA, SOUTH—LABOR AND LABORING CLASSES

South Korea: Servitude, poverty, and lawlessness. I.Kulakov. Sovr.Vost no.5 17 My '60

KOREAN REUNIFICATION QUESTION

[For a peaceful solution of the Korean question; a collection of documents] Za mirnoe razreshenie Koreiskogo voprosa, sbornik dokumentov. Pkhen'ian. Izd-vo lit-ry na inostr.iazykakh, 1958 27 p.

KOREAN WAR, 1950-1953

Montross, Lynn, and Nicholas A.Canzona. [The Inchon-Seoul operation. Translated from the English] In'chkhon'-Seul'skaia operatsiia. Moskva, Izd-vo inostr. lit-ry, 1959. 344 p.

KORETSKII, VLADIMIR MIKHAILOVICH, 1890-

V.M.Koretskii. Rad.pravo no.1:113-114 Ja-F '60.

KORNIN—SUGAR BEETS

Blocking of mother beets. F.E.Lysenko. Sakh.prom. 34 no.2 66-67 F '60.

KOROBKOV, VIKTOR

Tale about a young hero ("Vitia Korobkov, Pioneer and partisan" by IAkov Ershov. Reviewed by Tamara Gromova) Znamia 30 no 3 222-223 Mr '60.

KOSMINSKII, EVGENII ALEKSEEVICH, 1886-1959

Evgenii Alekseevich Kosminskii; obituary. Sred.veka. no.15:174-176 '59.

Evgenii Alekseevich Kosminskii; obituary. IU.U. Viz. vrem. 16 403-407 '59.

KOSMODAMIANSKII, VLADIMIR NIKOLAEVICH, 1889-1959

Prof V N.Kosmodamianskii; on his 70th birthday and 45 years of medical, scientific and public activities. G.P.Kalina Zhur.mikrobiol epid i immun 30 no.12 126-128 D '59

KOSTENKI—STONE AGE

Several debatable questions about the Paleolithic Period of Kostenki. P.I.Boriskovskii. Krat.soob.IIMK no.78:3-12 '60.

KOSTENKO, MIKHAIL POLIEVKTOVICH,1889-

Academician Mikhail Polievktovich Kostenko. Izv.vys. ucheb.zav., elektromekh. 3 no.1.143-144 '60.

KOSTIUK, ANASTASIIA MAKSYMIVNA

Organizer of stock raising M Honcharov Kolh Ukr 7 no 2 9-10 F '60

KOSTIUKOV, ALEKSANDR ALEKSANDROVICH, 1910-

Professor A.A Kostiukov's 50th birthday. Mor.flot 20 no 1 45 Ja '60.

KOSTIUKOVSKII, BORIS ALEKSANDROVICH

"Journey to the sun" by Boris Kostiukovskii. Reviewed by Irina Guro. Zvezda no.12:210 D '59.

KOSTROMA—MUNICIPAL GOVERNMENT

Should we approve such an attitude toward deputies? I.Alekseev. Sov.deput.trud. no.2:58-61 F '60.

KOSTROMA DISTRICT (KOSTROMA PROVINCE)—AGRICULTURAL LABORERS—MEDICAL CARE

Prophylactic work of the rural sector hospital. O.A. Orlova. Zdrav.Ros.Feder. 4 no.3:22-24 Mr '60.

KOSTROMA PROVINCE—AIRLINES, LOCAL SERVICE

Planes take off from Kostroma. A.Vasilenko. Grazhd. av. 17 no.1:15-16 Ja '60.

KOTEL'NIKOV, GLEB EVGEN'EVICH, 1872-1944

Inventor of the parachute. Kryl.rod. 11 no.1:29 Ja '60.

KOTOVSKOYE DISTRICT—FRUIT CULTURE

We shall give our country more fruit and grapes. D.Verdysh. Komm.Mold. 5 no.1:25-30 Ja '60.

KOTOVSKOYE DISTRICT—VITICULTURE

We shall give our country more fruit and grapes. D.Verdysh. Komm.Mold. 5 no.1:25-30 Ja '60.

KOVALEV, ARKADII IAKOVLEVICH

Theater is his life. A.IAsnomorskii. Teatr.zhizn' no.24:24-25 D '59.

KOVALEVSKII, EGOR PETROVICH, 1811-1868—FICTION

A novel about Kovalevskii ("Mine foreman"; a historical novel by Vladimir Sinenko. Reviewed by S.Oleksiuk). Sov.Ukr. 9 no.7:166-167 Jl '59.

KOVALEVSKII BROTHERS

Charles Darwin and the Kovalevskii brothers. L.IA. Bliakher. Vop.ist.est.i tekh. no.8:66-73 '59.

KOZLOV, PETR KUZ'MICH, 1863-1935

Awakened city. L.Kruhlykov-Hrechanyi. Znan.ta pratsia no.2:4 F '60.

KOZLOVSKII, IVAN SEMENOVICH, 1900-

A favorite of the public. Anna Kuznetsova. Sov.Ukr. 9 no 11:144-150 N '59.

KRAINKA—MINERAL WATERS

Change in the secretory function of the gastric glands under the influence of mineral water from the Krainka Health Resort. F.D.Vasilenko, S.V.Sholokhov. Vop.kur., fizioter.i lech.fiz.kul't. 25 no.1:27-32 '60.

KRAMATORSK—MACHINERY INDUSTRY

Giant machines P Shul'man Nauka i zhyttia 6 no 9 9-11 S '56

Initiative of the workers of the Novo-Kramatorsk Plant M Hilelakh Ukraina no 3 4 F '60

KRASAVITSA, LAKE—PHOTOSYNTHESIS

Respiration intensity of some planktonic crustaceans and their effect on photosynthesis in a dystrophic lake. M.B.Ivanova. Dokl.AN SSSR 132 no.4.909-910 Je '60.

KRASNODAR—FOOD INDUSTRY—STUDY AND TEACHING

Krasnodar Technological Institute of the Food Industry. Sakh.prom. 31 no.2:45 F '60.

KRASNODAR—GAS DISTRIBUTION

Artel introduces gas into apartments. D.[illegible] Prom.koop. 14 no.1 25 Ja '60.

KRASNODAR—ROAD CONSTRUCTION

Achievements of Krasnodar road builders V Zelentsov Zhil -kom khoz 10 no 2 23-25 '60.

KRASNODAR—WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

Continuous neutralization of hydrolyzates [illegible] and others Gidroliz i lesokhim prom 13 no [illegible] '60

KRASNODAR TERRITORY—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Improving the maintenance of apartment houses in Krasnodar Territory. V Zelentsov. Zhil -kom khoz 10 no 1:4-5 '60

KRASNODAR TERRITORY—BINDING MATERIALS

Plans of a laboratory Z.A.Natsvalova. Stroi mat 6 no 1:30-31 Ja '60

KRASNODAR TERRITORY—BREAD

Round riffled molds for baking wheat bread. IA.V.[illegible]is. Khleb.i kond.prom. 3 no.12:31 D '59.

KRASNODAR TERRITORY—CHIRONOMIDAE

Tendipedid larvae of some rivers of Krasnodar Territory. V.IA.Pankratova. Trudy Zool.inst. 26 [illegible]-374 '59.

KRASNODAR TERRITORY—CONSTRUCTION INDUSTRY

Effect of the expansion of construction organizations on the increase of their work indices. N.Tkach. [illegible] stroi. no.2:43-45 F '60.

KRASNODAR TERRITORY—KINDERGARTENS

On the collective farms of Krasnodarsk Territory. P.A. Sobolenko, A.P.Maksimova. Doshk.vosp. 33 no 3 [illegible] 25 Mr '60.

KRASNODAR TERRITORY—TEA

Biochemical characteristics of the tea leaf in Krasnodar Territory M I Brovchenko Biokhim chain proizv no 7 42-51 '59.

Processing the Krasnodar tea leaf into black tea M I Brovchenko, A A Balukova Biokhim chain proizv no.7 52-61 '59

KRASNODAR TERRITORY—WATER MITES

Identification of the Hydracarina of Krasnodar Territory A.I.IAnkovskaia. Trudy Zool.inst. 26 360 384 '59.

KRASNOKAMSK—CONSTRUCTION INDUSTRY—ACCOUNTING

Materials control in construction. A.[illegible] Bukhg.uchet 17 no 3 58-60 Mr '60

KRASNOVSKII, ANDREI AFANAS'EVICH, 1822 [illegible]

Pages from the revolutionary past. G.Marakhov. Sov. Ukr. 9 no.9:162-169 S '59.

KRASNOYARSK—AGRICULTURAL MACHINERY INDUSTRY

Party committee and the party organizations of work shops A Zakharchenko Part zhizn' no 11 47 [illegible] '60.

Party groups support us D.Cherepov Part zhizn' no 11 40-43 Je '60.

KRASNOYARSK—MACHINERY INDUSTRY

Industrial management is our main consideration [illegible] cherov. Part zhizn' no 11 37-40 Je '60

KRASNOYARSK—RAILROADS—CARS

We should educate each worker. V Merva Part zhizn' no 11 43-45 Je '60

KRASNOYARSK—RAILROADS—STATIONS

We always have in mind the tasks of our depot A [illegible]dev. Part.zhizn' no.11 45-47 Je '60

KRASNOYARSK—SOIL STABILIZATION

Stabilization of macroporous soils. D.V.IAtsenko. Os fund.i mekh.grun. 2 no.1:30 '60

KRASNOYARSK HYDROELECTRIC POWER STATION

At Divnogorsk it's 40 below. IU.Korolev. Sov.Sib. no.3:6-9 '60.

KRASNOYARSK REGION—LIMESTONE

Association of Torgashino limestones with old formations in the Krasnoyarsk Ridge. K.V.Radugin, A.P.Belousov. Trudy Gor.-geol.inst.Zap.-Sib.fil.AN SSSR no.11:30-40 '56.

KRASNOYARSK TERRITORY—AXES

Bronze celts of the Krasnoyarsk - Angara type. G.A. Maksimenkov. Sov.arkheol. 4 no.1:[illegible] 102 '60.

KRASNOYARSK TERRITORY—ELECTRIC POWER DISTRIBUTION

Efficient use of electric power. L.Savel'ev. NTO 2 no.2:24-25 F '60.

KRASZEWSKI, JOZEF IGNACY, 1812-1887

Book on Jozef Ignacy Kraszewski's social and political writings ("Jozef Ignacy Kraszewski's social and political writings" [in Polish] by Wincenty Danek. Reviewed by I.Gorskii). Krat.soob.Inst.slav. no.27 94-99 '60.

KREMENCHUG—CONFECTIONERY—EQUIPMENT AND SUPPLIES

Steam-jet washing of equipment. V.A.Naz[illegible]. Khleb i kond.prom. 4 no.1:37 Ja '60.

KREMENCHUG HYDROELECTRIC POWER STATION

Continuation of a poem. [illegible] Ukrainka. Ogonek no.1:[illegible] Ja '60.

One year saved. Pavel [illegible] [illegible] no.[illegible] 16 N '59.

Rapid assembly-line construction of navigable structures of the Kremenchug Hydroelectric Power Station. G.I. Sirokov, N.V.Aristarov, B.[illegible]Chebotkov. Gidr.stroi. 30 no.2:12-16 F '60.

Using assembly line methods in constructing the lock pier of the Kremenchug Hydroelectric Power Station. N.Aristarov, B.Chebotkov. Stroi.i arkhit. 8 no.1:[illegible] Ja '60.

KREPKINA, VERA

Vera Krepkina has many years of training athletes. [illegible] [illegible] [illegible]

KRIVOY ROG—CITY PLANNING

Rapid construction of the Rudnichnyi District development in Krivoy Rog. N.[illegible]. Zhil. stroi. [illegible] 24 [illegible] '60.

KRIVOY ROG—CONCRETE SLABS

Three-layer panels for walls of industrial buildings. D.V. Artem'ev. Prom.stroi. 38 no.1:[illegible] '60.

KRIVOY ROG—HISTORICAL MUSEUMS

Local history museum. [illegible] [illegible]

KRIVOY ROG—IRON MINES AND MINING

Folding metal sheathing in Krivoy Rog Basin mines. V.M.Ryaguzov [illegible] [illegible] [illegible] '60.

In the "[illegible]" Mine. [illegible] no.11:[illegible] '59.

Zaslavskii, IU.Z. [Vertical shaft sinking in Krivoy Rog Iron Ore Basin] Opyt prokhodki vertikal'nykh stvolov v Krivorozhskom zhelezorudnom basseine. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 42 p.

KRIVOY ROG BASIN—COAL PREPARATION

Construction of the Novyy Krivoy Rog Coal Preparation Combine. [illegible] Prom.stroi. 38 no.1:[illegible] 16 '60.

KRIVOY ROG BASIN—MINERALS

Comrades, [illegible] Akhmatov. [illegible] 36 D '59.

KRIVOY ROG BASIN—OXIDATION

Subsurface oxidation zones in the Krivoy Rog Basin [with summary in English]. IA.N.Belevtsev, IU.M.Epatko, A.I.Strygin. Sov.geol. 2 no.11:110-125 N '59.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Levidova, S.M., and S.A. Pavlotskaia. N.K. Krupskaia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, Leningr. otd-nie, 1960. 64 p.

Moscow. Publichnaia biblioteka. [N.K. Krupskaia on self education, a collection] N.K. Krupskaia o samoobrazovanii, sbornik. Moskva, 1960. 82 p.

N.K.Krupskaia as secretary of Lenin's "Iskra." E.K. Mikhalutina. Vest. Mosk. un. Ser. ist., [illegible] 14 no.4 25-40 '59

N.K.Krupskaia on the psychological development of children. L.Prokolienko. [illegible] 31 [illegible]

N.K.Krupskaia on the psychological preparation of students for their future work. V.F.Baikov. Rad.shk. 39 no.2:8-11 F '60.

N.K.Krupskaia's views on the family training of children. V.P.Meshcheriakov. Rad.shk. 39 no.2:16-19 F '60.

Problems in developing the independent work of students as treated in N.K.Krupskaia's pedagogical legacy. M.P.Borysenko. Rad.shk. 39 no.2:12-15 F '60.

Problems of psychology in the pedagogical writings of N.K.Krupskaia. V.A.Pasanskii. Vop.psikh. [illegible] no.[illegible] 125-133 F '60

KSTOVO REGION—WATER-SUPPLY ENGINEERING

Work practices used in the construction of a water intake. V.I.Gliavin, S.IA.Nekhaiov, A.G.Ioffe. Vod.i san. tekh. no.2:32 [illegible] '60

KU YUAN, 1919-

Art in the people's service [with English summary in insert]. N.Chernova. Inost.Vost. no.3:40-31 My '60

KUBAN—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

In the Kuban, reminiscences (conclusion). L.Zaporozhets. Na s[illegible] no.[illegible] '60.

KUBAN RIVER—BACTERIOLOGY

Microbiological studies of the Kuban and Protoka Rivers. A.G.Rodina. Trudy Zool.inst. 26:414-428 '59.

KUBAN RIVER—FISHES

Propagation of the Kuban vimba and bleak and the biology of their young during the river period. P.N. Sukhanova. Trudy Zool.inst. 26:44-105 '59.

KUBAN VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Lower and Middle Jurassic sediments in the [illegible] interfluve. [illegible] Izv.AN SSSR [illegible]

KUDRIAVTSEV, ALEKSANDR MIKHAILOVICH, 1899

Sixtieth anniversary of the birth of professor A.M. Kudriavtsev. L.A.Lishina. Izv.vys.ucheb.zav.; radiotekh. 3 no.5:640 S-O '59

KUDRYASHEV, VALERIAN VLADIMIROVICH, 1880-1936

Dates, events, and people. Izobr.i rats. 11 no.3:[illegible] '60.

KULAKOVA, LIUDMILA FEDOROVNA

[illegible] M.Am[illegible] [illegible] 23 no.4:[illegible]

KULIKOVKA DISTRICT—SWINE—FEEDING AND FEEDS

We take into account farmers' experience and scientific data. M.[illegible] [illegible] 22-24 [illegible] '59

KULUNDA STEPPE—IRRIGATION

Irrigation in the Kulunda Steppe. P.IA.Kochina. Vest. AN SSSR 30 no.5:24-26 My '60.

KUMA VALLEY—BOTANY—ECOLOGY

[illegible]

KUMA VALLEY—PLANTS—ASSIMILATION

[illegible]

KUNANBAEV, ABAI, 1845-1904—FICTION

[illegible] ("Abai" and "Abai's career" by Mukhtar Auezov. Reviewed by Boris Val'be). [illegible]

KUNANBAEV IN LITERATURE, ABAI ABAI

[illegible]

KUNASHIR ISLAND—VOLCANOES

[illegible] [illegible] Markhinin. Trudy [illegible]

KUNGEI ALA TAU—SPRUCE

Vegetation and its effect on the renewal of Tien Shan spruce in the eastern part of the Kungei Ala Tau. [illegible] [illegible] Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.1 [illegible] '59

KUNTSEVO—GRADING AND MARKING (STUDENTS)

Measuring students' knowledge. N.V.[illegible] [illegible] [illegible] 41 [illegible] '59.

KUNTSEVO—POLITICS AND GOVERNMENT

Vitalii Ivanovich, a secretary of a city executive committee. F.Maltin. Sov.deput.trud. no.3:87-91 Mr '60.

KUPAVNA—COMMUNIST YOUTH LEAGUE

Youth sets down to study. [illegible] Obshcheobr. shkola vzrosl. no.6:[illegible] N-D '59

KUPAVNA—EVENING AND CONTINUATION SCHOOLS

Fruitful cooperation. N.[illegible] Obshcheobr.shkola vzrosl. no.6:[illegible] N-D '59

Knowledge is a reliable helper in work. A.K.Cherepanov. [illegible] Obshcheobr.shkola vzrosl. no.6:[illegible] 17 [illegible]

This is quite possible! [illegible] Obshcheobr.shkola vzrosl. no.6:17-18 N-D '59.

Vital concern of everybody. [illegible] Obshcheobr. shkola vzrosl. no.6:[illegible] N-D '59.

We are all studying. V.[illegible] Obshcheobr.shkola vzrosl. no.6:[illegible] N-D '59

KUPAVNA—WOOLEN AND WORSTED MANUFACTURE

Ardent enthusiasts of learning. Obshcheobr.shkola vzrosl. no.6:26-27 N-D '59

KURA VALLEY—PARASITES

Parasitic diseases of young salmon of the Kura River observed in fish hatcheries and measures for their control. N.G.Nechaeva. Trudy sov.Ikht.kom. no.9 91-93 '59

KUREYKA VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of volcanic formations in the Kureyka-Khantayka interfluve (northwestern Siberian Platform). IU.IA. Lyubimov, N.P.Golovanov. Inform.biul.NIIGA no.14 [illegible] '59

KURGAN—COOKING SCHOOLS

Able youth will reinforce the personnel. I.Danilov. Obshchestv.pit. no.2:40-47 F '60.

KURGAN—ELECTRIC POWER DISTRIBUTION

We improve economic indices. V.Galaktionov. Zhil.-kom.khoz. 10 no.1:18-20 '60

KURGAN PROVINCE—MEDICINE—STUDY AND TEACHING

Some problems in the training of subprofessional medical personnel for the surgical departments of district hospitals. IA.D.Vitebskii. Zdrav.Ros.Feder. 4 no.3: 35-38 Mr '60.

KURGAN PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

Able youth will reinforce the personnel. I.Danilov. Obshchestv.pit. no.2:40-47 F '60

KURGANSK PROVINCE—SWINE—FEEDING AND FEEDS

Use of antibiotics in the feeding of swine. I.Skripko. Mias.ind.SSSR 31 no.1:37 '60.

KURI POETRY—COLLECTIONS

[Anthology of Lezghian poetry] Antologiia lezginskoi poezii. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 370 p. [In Nogai.]

KURILE ISLANDS—PHYTOPLANKTON

Phytoplankton in the Sea of Okhotsk and the Kurile Island region. L.N.Smirnova. Trudy Inst.okean. 30:3-51 '59.

KURSK—PHOTOENGRAVING

Celluloid for making engraving plates using "LGA" and "EGA 2" automatic machines. M.Lenzburger. Poligr. proizv. no.1:17-18 Ja '60

KURSK—TELEGRAPH

[illegible] telegraph. Vest.sviazi 20 no.1:[illegible] Ja '60.

KURSK MAGNETIC ANOMALY

History of the Kursk Magnetic Anomaly. [illegible] Vop.ist.est.i tekh. no.7:67-71 '59

KURSK PROVINCE—COLLECTIVE FARMS

What is back of the picture... V.Poliakov. Ogonek 38 no.[illegible] '60.

KURSK PROVINCE—IRON MINES AND MINING

Rich ore of the Kursk magnetic anomaly. D.[illegible] Ogonek 38 no.2:[illegible] Ja '60

KURSK PROVINCE—MEDICAL CARE

Measures for the improvement of medical care in Kursk Province. V.Koltsov. Zdrav.Ros.Feder. 4 no.1: 14-16 J '60.

KURSK PROVINCE—PATHOLOGICAL SOCIETIES

Work of the Kursk Province Pathological Society for 1958. A.S.Blumberg, V.V.Dorodienko. Arkh.pat. 21 no.7: 89-91 '59.

KUSHCHUM—POLICE PATROL

Police patrol in the settlement of Kushchum. N.Popov. Sov.deput.trud. no.1:60-61 Ja '60.

KUSTANAY REGION—OIL FIELDS

Petroleum in the Kustanay region. Izv.vys.ucheb.zav.; neft' i gaz 2 no.12:18 '59.

KU'TOV FAMILY

A dynasty of steelworkers. G.Volodin, V.Ponomarev, F.Elonskov. Sov.Ukr. 9 no.11:101-105 N '59.

KUYBYSHEV—MOTOR VEHICLES—SOCIETIES, ETC.

Eight hundred minus two. I.Matveev. Za rul. 18 no.1: 3 Ja '60

KUYBYSHEV—OPERA

"The gadfly" on the stage of the Kuybyshev Theater. N.Starodubtsev. Sov.muz. 24 no.2:119-120 F '60.

KUYBYSHEV PROVINCE

Our proposal. Ukr.nat. no.3:27 Mr '60

KUYBYSHEV PROVINCE—KITCHEN UTENSILS

Outfit for making meat dumplings. I.Sukhodeev. Obshchestv.pit. no.2:27-28 F '60.

KUYBYSHEV PROVINCE—REHABILITATION OF CRIMINALS

A man has come home. IU.Klarov. Sov.deput.trud. no.2:50-51 F '60.

KUYBYSHEV PROVINCE—WHEAT

Special problems of changing spring wheat into winter wheat under conditions existing in Kuybyshev Province. V.N.Orlov Agrobiologiia no 1 137-139 Ja-F '60.

KUYBYSHEV RESERVOIR—BACTERIA

Dynamics of bacterial population in waters of Kuybyshev Reservoir. M.A.Salmanov. Trudy.Inst.biol. vodokhran. no.2:15-21 '59.

KUYBYSHEV RESERVOIR—HYDROGEN SULFIDE

Formation of hydrogen sulfide as a process following the reduction of sulfates in Kuybyshev Reservoir. P.V. Kravtsov, IU.I.Sorokin. Trudy Inst.biol vodokhran. no 2:191-196 '59.

KUYBYSHEV RESERVOIR—PARASITES

Effect of the regulation of the Volga River on the parasitic fauna of fishes. A.F.Kosheva. Trudy sov.Ikht kom. no 9 120-122 '59.

KUYBYSHEV RESERVOIR—PHYTOPLANKTON

Phytoplankton of Kuybyshev Reservoir during the year of its flooding. L.V.Morokhovets. Trudy Inst.biol.vodokhran. no.2:22-30 '59.

KUZNETSK BASIN—COAL

Mineral admixtures in Kuznetsk coals and their possible use. A.B.Travin. Trudy Gor.-geol inst.Zap.-Sib.fil. AN SSSR no.17 141-155 '56.

Re-examining the properties of Kuznetsk coals used in power engineering. P.K.Kulikov. Razved i okh.nedr 25 no.11:23-24 N '59.

KUZNETSK BASIN—COAL MINES AND MINING

"Abashevskaya" mine no.3/4 of the Kuzbassugol' Combine. V.E.Malakhov. Ugol' 35 no.2:42-44 F '60.

Determining the best face length for the use of "Donbass" cutter-loaders for integrated work organization in "Leninugol'" Trust mines. I.P.Gusev. Izv.TPI 93: 17-24 '58.

RUP-1 expander for the sinking of coal chutes M I Shuf Ugol' Ukr 4 no 1 21 Ja '60

Results of temperature and gas composition study on burning waste piles at the Stalin Mine in the Kuznetsk Basin. P.A.Leonov, B.A.Surnachev. Izv.TPI 93: 114-121 '58.

Selecting a method of rock pressure control in mining steeply pitching medium thickness seams of the Prokop'yevsk-Kiselevsk deposit. M.V.Kurlenia. Izv.TPI 93: 44-46 '58.

KUZNETSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Results of testing nonsectional expansion shields in the Kuznetsk Basin I E Chernov Trudy Inst gor.dela Sib.otd AN SSSR no 2:60-82 '59

KUZNETSK BASIN—COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Determining dangerous and harmful zones in Kuznetsk Basin waste piles. P.A.Leonov. Izv.vys.ucheb.zav., gor.zhur. no.10.46-49 '59.

Prevention of endogenous fires in Kuznetsk Basin mines. M.I.Ratushkov, A.B.Zakharov. Bezop.truda v prom 4 no.2:4-5 F '60.

Spontaneous ignition of Tom'-Usa deposit coal in the Kuznetsk Basin N V. Marevich Trudy Inst.gor dela Sib otd.AN SSSR no 2 141-166 '59

KUZNETSK BASIN—COKE

Remarks on V.I.Shok's article "Determination of the industrial properties of Kuznetsk coking coals based on core samples." N.P.Grechishnikov. Sov.geol. 2 no.12:129-130 D '59.

KUZNETSK BASIN—COMBUSTION, SPONTANEOUS

Measures to control spontaneous ignition of conical waste piles in the Prokop'yevsk-Kiselevsk area of the Kuznetsk Basin. B.A.Surnachev. Izv.vys.ucheb.zav., gor.zhur. no.4 47-52 '59.

KUZNETSK BASIN—MINE DRAINAGE

Direct water pumping at the "Novo-TSentral'naya" Mine of the Stalinshakhtostroi Trust N.L.Fel'dman, E A. Kutovoi Shakht.stroi. 4 no.2 24-26 F '60.

KUZNETSK BASIN—MINE HOISTING

Automatization of skip hoisting in No. 1 "XIX Parts"ezd" Mine of the Leninugol' Trust. L.I.Kovalev. Ugol' 35 no.1.18-20 Ja '60.

KUZNETSK BASIN—ROCKS

Determining the optima conditions for power auger hole drilling in Prokop'yevsk deposit rocks. M.K.Tsekhin. Izv.TPI 93:96-103 '58.

Prokop'yevsk deposit rock classification by their drillability. M.K.TSekhin. Izv.TPI 93:87-94 '58.

KUZNETSK BASIN—SIDERITE

Find of siderites in the northeastern margin of the Kuznetsk Ala-Tau. P.M Rudnitskii. Trudy Gor.-geol. inst.Zap.-Sib.fil.AN SSSR no.17:169-171 '56.

KUZNETSOV, VASILII

"Queen" of track and field athletics. V.Voevodenko. IUn. tekh. 4 no.1:66-70 Ja '60.

KWANGTUNG PROVINCE—ORTHOPTERA

Some orthopteroid insects from the Tingushan Forest Preserve in Kwangtung Province (South China) [with summary in English] G IA Bei-Bienko, N S Andrianova. Zool zhur 38 no 12:1813-1820 D '59

KYRKISHLAK REGION (KOBYSTAN)—ROCKS, SEDIMENTARY

Lithology of Chokrak sediments in southern Kobystan (Kyrkishlak region) A.M.Ismailov. Azerb.neft.khoz. 38 no.10:5-7 O '59

KYZYL-ESPE REGION (KAZAKHSTAN)—ORE DEPOSITS

Relationship between dike rocks and complex ores in the Kyzyl-Espe ore deposit (central Kazakhstan) [with summary in English]. N.N.Velikaia. Sov.geol. 2 no.12 64-70 D '59.

KYZYL KUM—INSECTS, INJURIOUS AND BENEFICIAL

The fauna of injurious insects inhabiting trees and shrubs in the desert of Kyzyl-Kum [with summary in English]. IU.V.Sinadskii. Biul.MOIP.Otd.biol. 64 no.6 63-72 N-D '59.

KYZYL KUM—SAND—OPTICAL PROPERTIES

Photometric properties of sands in the deserts of Kara Kum and Kyzyl Kum. M.A.Romanova. Dokl.AN SSSR 132 no.3:681-684 My '60.

KZYL-ORDA PROVINCE—COMMUNIST EDUCATION

How we organize political self-education. S Sarsembaev. Part zhizn' Kazakh. 30 no 2:54-56 F '60.

KYZYL-ORDA PROVINCE—NURSES AND NURSING

Nurses and midwives council of a rural hospital. T.A. Siiola. Med.sestra 19 no.1:44-46 Ja '60.

KYZYLAGACH PRESERVE—VERTEBRATES

Winter excursion to the Kyzylagach Preserve. T.A. Adol'f and others Uch.zap.Mosk.gor ped.inst. 84 73-82 '58.

LA METTRIE, JULIEN OFFRAY DE, 1709-1751

Citizen of France, a thinker and a scientist. S.IUrovskii. Nauka i rel no.4:88-90 D '59.

LABOR (OBSTETRICS)

Cholinesterase activity of the blood serum in the stimulation of labor with armin. L V.Chugunova Kaz med. zhur 40 no 6:78-79 N-D '59.

LABOR AND LABORING CLASSES

(see also subdivision under Africa; Czechoslovakia, Great Britain, Japan, Korea, South, Leningrad, Pakistan; Shanghai; Ukraine, United States, Vietnam, South)

Academic conference on the history of the Soviet working class. O.I.Shkaratan Vest.LGU 15 no 8:155-160 '60.

Fifth Conference on the History of the Communist and Worker's Parties. N R Donii Nov.i noveish.ist. no 1:167-169 '60

The Korchagins. Ivan Sinokip. Sov.Ukr. 9 no.8:5-16 Ag '59.

Kotov, F.I. [Problems of labor in the seven-year plan] Voprosy truda v semiletnem plane. Moskva, Gosplanizdat, 1960. 209 p.

A new demonstration of the party and government's concern for the welfare of the people. V.Lavrov. Plan.khoz. 37 no.5:3-11 My '60.

The rising cultural and technological level of Soviet workers and their role in overcoming fundamental differences between intellectual and manual work. G.V.Mokronosov. Nauch.dokl.vys.shkoly; filos.nauki no.4:3-13 '59.

Technological progress and its effect on the cultural and technological level of workers. A.I.Katsenelinboigen. Nauch.dokl.vys.shkoly; filos.nauki no.4:14-22 '59.

"The working class and the revolutionary movement." Reviewed by N.I.Samorukov. Nov.i noveish.ist. no 1: 144-146 '60.

LABOR AND LABORING CLASSES—DWELLINGS

(see also subdivision under Omsk)

How they assign dwelling space in houses owned by industrial enterprises and government agencies. F.Potashnikov. Otv.na vop.trud. no.108:23-27 '59.

Mass housewarming. O.Kurganov, V pom.polit. samoobr. 4 no.1:124-129 Ja '60.

LABOR AND LABORING CLASSES—MEDICAL CARE see subdivision under Katurar

LABOR CONTRACT

Labor contracts in the labor codes of the Union Republics. V.N.Smirnov. Uch.zap.LGU no.274.73-82 '59.

Some problems in the legal regulation of labor agreements. V.M.Dogadov. Uch.zap.LGU no.274:3-18 '59.

LABOR COURTS

(see also subdivision under Ukraine)

Enhancing the role of our people. I.Mikhailovskaia, L.Kachkin. Sov.iust. no.1:39-43 Ja '60.

Public prosecutors request the advice of workers. I.Korchak Sov.deput.trud no 1 63-65 Ja '60.

A review of the newspapers of the Union Republics. Sots.zakon. 37 no.3 78 Mr '60.

Some remarks relating to proposed standard regulations on fellow workers' courts and committees on juvenile delinquency. D.Kalyta, V.Osadchyi. Rad.pravo no.1: 83-85 Ja-F '60.

The Soviet people and the struggle for socialist law and order. Biul Verkh Suda no.6 22-26 '59.

LABOR DISPUTES

Court jurisdiction in the examination of the workers and employees' labor disputes. N.A.Chechina, [illegible] Uch.zap.LGU no.274:64-72 '59.

Judicial practice in labor disputes. O.IAkymenko. Rad. pravo no.1:64-71 Ja-F '60.

Problems in the implementation of regulations on procedure in labor disputes. O.Barabash. Rad.pravo no.1: 103-107 Ja-F '60.

LABOR LAWS AND LEGISLATION

Apropos of the "Basic Principles of Labor Law." V. [illegible]belkin. Sov.iust. no.1:36-38 Ja '60.

Artem'ev, F.A., and N.I.Karasina. [Brief handbook on laws protecting the rights of workers and employees] Kratkoe posobie po zakonodatel'stvu ob okhrane truda rabochikh i sluzhashchikh. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 116 p. (V pomoshch' profaktivu po okhrane truda)

"Basic principles of the labor law of the U.S.S.R. and the Union Republics." Rad.pravo no.1:3 8 Ja F '[illegible]

Do away with all violations of labor laws A [illegible] Sots.zakon 37 no 3 66-67 Mr '60

Draft of "Basic Principles of Labor Law." Vest.sviazi 20 no.2:31 F '60.

Draft of the Basic Principles of the Labor Law of the U.S.S.R and the Union Republics. Biul.Verkh.Suda no 6:7-20 '59.

In the committees for legislative proposals of the [illegible] Soviet and the Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Biul.Verkh.Suda no.6 [illegible]

Labor contracts in the labor codes of the Union Republics. V.N.Smirnov. Uch.zap.LGU no.274:73-82 '59.

Legislative enactments of the Supreme Soviet of the U.S.S.R and its Presidium which regulate the labor relations of workers and employees. I.M.[illegible] Uch.zap.LGU no.274:28-40 '59.

Preserving continuity in service in case of discharge from enterprises and organizations and in case of discontinuance of work in producers' cooperative societies V Chasovennyi. Prom koop 14 no 2 [illegible] F '60

Proposed "Basic principles of labor law." I.P[illegible], M.Makarovs'kyi, A.Kovalenko. Rad.pravo no.1:[illegible] Ja-F '60.

Proposed "Basic principles of labor law and legislation" to be subjected to a wide discussion [illegible] no.1 96 Ja '60

Role of Soviet trade unions in strengthening the legal [illegible] labor relations. F.M.Leviant, A.S.Pa[illegible] Uch.zap.LGU no.274:53-63 '59.

Russia (1923- U.S.S.R.) Laws, statutes, etc. [Collection of legislative acts in the field of labor] [illegible] zakonodatel'nykh aktov o trude Izd 3, ispr. i dop. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 732 p.

Some problems in the legal regulation of labor agreements. V.M.Dogadov. Uch.zap.LGU no.274 3-18 '59

Some suggestions and comments relating to the draft of the Basic Principles of the Labor Law of the U.S.S.R and the Union Republics. F.Glukh and others. Biul. Verkh Suda no 1 32-45 '60.

Workers discuss the proposed "Basic Principles of the Labor Law of the U.S.S.R. and the Union Republics." G.Bykov. Sov.iust. no.1:35-36 Ja '60.

LABOR PRODUCTIVITY

Individual or assembly-line work. V.Shul'man. [illegible] sila 35 no.2:4 F '60.

Labor productivity has been increased by [illegible] N.[illegible]sov, D.Gulenko. Avt.dor. 23 no.1:15 Ja '60.

Mass efficiency promotion is an important source for the increase of labor productivity. N.S.Atamanenko. Uch. zap.LGU no.280:51-68 '59.

Mechanization is the most important factor in increasing the productivity of labor. Sel' mekh no 1 1 [illegible]

Theory and practice of measuring labor productivity. A.Rotshtein. Plan.khoz. 37 no.5:40-49 My '60.

Ways of increasing labor productivity. S.Kop[illegible]. Sov.knizh.torg. 12 no.1:24-25 Ja '60.

LABOR REST HOMES

(see also subdivision under Eforie, Rumania)

Pensioners built a rest home. I.Sabakin Sots [illegible] 21 no.1:43 Ja '60.

LABORATORIES—EQUIPMENT AND SUPPLIES

Soft electrode for experimental stimulation of a nerve located deep in a wound. M.M.Levashov. Pat.fiziol. i eksp.terap. 4 no.1:73-74 Ja-F '60.

LABORATORIES, TESTING see Testing laboratories

LABORATORY ANIMALS

White mice as objects for the experimental determination of anaphylactogenic properties of therapeutic sera [with summary in English]. F.A.Chertkova, A.A.[illegible], A.A.Kolchurina. Zhur.mikrobiol.epid.i immun. [illegible] no.12:33-36 D '59.

LABYRINTH (EAR)

Investigating the function of the auditory section of the inner ear (cochlea) in some birds in a chronic experiment. L. A. Radionova. Probl. fiziol. akust. 4:216-[illegible] '59.

LACE AND LACE MAKING

Isakova, K.V. [Bobbin lace making] Pletenie kruzhev. Pod red. I. P. Rabotnovoi. Izd. 2. Moskva, Vses. koop. izd-vo, 1959. 80 p.

LACQUER AND LACQUERING

Answer to a letter from Comrade [illegible] director of the [illegible] District Public Service Combine in the Moldavian S.S.R. V. [illegible] Kom. khoz. [illegible] no.12:28 D '59.

LACQUER AND LACQUERING—STUDY AND TEACHING

Optional courses for chemical technicians at the "Lacquers and Pigments" Plant. T. G. Mamedova. Khim. v shkole 15 no.1:75-76 Ja-F '60.

LACRIMAL ORGANS—DISEASES

Pokhisov, N. IA. [Diseases of the lacrimal ducts and their treatment] Zabolevaniia slezootvodiashchikh putei i ikh lechenie. Moskva, Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

LACRIMAL ORGANS—SURGERY

Treatment of lacrimation by surgical dilatation of the upper portion lacrimalis [with summary in English]. A. P. Batyrin. Oft. zhur. 15 no.1:54-55 '60.

LACTATION

Characteristics of the lactation reflex in cows with cortical neuroses produced by stimuli of different strength. [illegible] Bokorina. Trudy Inst. fiziol. 8:[illegible] '59.

Phosphatase content of milk in cows at different periods of lactation. V. N. [illegible] Trudy Inst. fiziol. 8:[illegible] '59.

LACTIC ACID

Role of lactic acid in the biosynthesis of nucleic acids in [illegible] yeast cells. [illegible] Trudy VNIIP no.7:[illegible] '59.

LADYBIRDS see subdivision under Tajikistan

LAGERLÖF, SELMA OTTILIANA LOVISA, 1858-1940

Selma Lagerlöf. Nina Ivanova. Sov. zhen. no.11:[illegible] '58.

LAGOONS see subdivision under Black Sea region

LAKES see subdivision under Orenburg Province

LAKHDENPOKH'YA SCHOOL GARDENS

On a kindergarten lot. A. V. Kokovina. Doshk. vosp. 33 no.2:76-78 F '60.

LALETIN, LEONID KONSTANTINOVICH

Leonid Laletin. S. Gusel'nikov. Novyi mir 35 no.11:149-156 N '59.

LAMARCK, JEAN BAPTISTE PIERRE ANTOINE DE MONET DE, 1744-1829

Botanical works of Lamarck and his concepts of evolution [with summary in English]. I. M. Poliakov. Bot. zhur. 44 no.6:[illegible] '59.

Lamarck's manuscripts. I. M. Poliakov. Usp. sovr. biol. 48 no.3:[illegible] N-D '59.

Philosophical principles of Lamarck's biological theories. I. I. Present. Nauch. dokl. vys. shkoly; filos. nauki no.4:93-104 '59.

"Selected works in two volumes" by Jean Baptiste Lamarck. Reviewed by N. Belkin. Usp. sovr. biol. 48 no.3:[illegible] N-D '59.

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA see subdivision under Caspian Sea

LAMINATED METALS

Low-carbon steel for bimetal production [with summary in English]. A. A. Kiselev, G. V. Marchenkovskii. Stal' 20 no.2:121-123 F '60.

LAMINATED METALS—THERMAL PROPERTIES

Mastering the production of rolled thermostatic bimetal strips. A. S. [illegible], IA. S. [illegible] Metallurg 5 no.1:25-27 Ja '60.

LAMPS see subdivision under Kerch region

LAND

Lipetsker, M. S., and D. V. Erofeev. [Land utilization in cities, workingmen's settlements, summer and health resorts] Zemlepol'zovanie v gorodakh, rabochikh, dachnykh i kurortnykh poselkakh. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 385 p.

Principles and methods of land evaluation. F. F. [illegible] Vestsi Akad. navuk BSSR. Ser. gram. navuk [illegible] '60.

LAND CLEARING see Clearing of land

LAND TENURE

(see also subdivision under Byzantine Empire, France, Nizhniy Novgorod Government, Rumania, Simbirsk Government)

Borodinov, N. M., and I. S. Chernisk [Answers to questions of collective farm members, workers, and employees concerning land use of private garden plots] Otvety na voprosy kolkhoznikov, rabochikh i sluzhashchikh po primeneniiu zemlepol'zovaniia. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1960. 61 p.

Lenin's land decree and its role in consolidating the union of the working class and peasantry. N. I. [illegible] Vest. Mosk. un. Ist.-filol. ser. 14 no.4:[illegible] '59.

Valuable work on the agrarian revolution in our country ("Studies on the agrarian revolution in Russia" by P. M. [illegible] Reviewed by [illegible]) [illegible] no.[illegible] N-D '59.

LANDSCAPE GARDENING

(see also subdivision under Hungary; Leningrad; Omsk)

People, beautify your street! Blok agit. no.9:13-15 My '60.

LANGUAGE AND LANGUAGES—PHILOSOPHY

Wherein lies the difference between systems of signs. G. V. Kolshanskii. Vop. filos. 14 no.5:120-131 '60.

LANGUAGE AND LANGUAGES—PSYCHOLOGY

Application of the theory of reflexion to linguistics ("Conceptions and words" by L. O. Reznikov. Reviewed by G. IA. Kogan). Nauch. dokl. vys. shkoly; filos. nauki no.4:[illegible] '59.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Future linguists improve their knowledge abroad. V. E. IArantovskaia. Vest. vys. shkoly 17[i.e.18] no.3:74-75 Mr '60.

Malakhovskii, V. A. [Collection of problems and exercises on the course "Introduction to linguistics."] Sbornik zadach i uprazhnenii po kursu "Vvedenie v iazykoznanie." Moskva, Gos. uchebno-pedagog. izd-vo M-va pros. RSFSR, 1960. 149 p.

Work of the methodological committees of language and literature teachers. Ukr. mova v shkoli 10 no.1:3-6 Ja-F '60.

LANGUAGE AND LANGUAGES—TEXTBOOKS

Requirements for foreign-language textbooks. [illegible] no.[illegible] N-D '59.

LANTHANUM—ISOTOPES

Certain properties of carrier-free radioactive lanthanum and its [illegible] [illegible] Radiokhimiia 1 no.6:[illegible] '59.

Use of [illegible] for separating certain radio elements [illegible] Radiokhimiia 1 no.6:[illegible] '59.

LANTHANUM OXIDE—MAGNETIC PROPERTIES

Characteristics of magnetic hysteresis phenomena in the systems [illegible] E. P. [illegible], M. A. Zaitseva, N. M. [illegible] Zhur. eksp. i teor. fiz. 37 no.4:[illegible] '59.

LAOS—ECONOMIC ASSISTANCE, AMERICAN

Partial unveil the policies. Nov. vrem. 18 no.22:[illegible] My '60

LAPTEV SEA REGION—ROCKS—ANALYSIS

Results of chemical analyses of Permian clay rocks from the regions of the cape of [illegible] and of Nordvik. Trudy NIIGA 98:[illegible] '59.

LAPTEV SEA REGION—WINDS

Vertical and horizontal distribution of the effect of local relief on the wind regimen in the [illegible] area of the Laptev Sea. V. M. Shapaev. Trudy [illegible] no.[illegible] '59

LARCENY

How to differentiate armed robbery from the theft of private property. F. Efanov. Sots. zakon. 27 no.3:41-44 Mr '60

LARCH—DISEASES AND PESTS

Siberian silkworm (Dendrolimus sibiricus Tschetw.) as a forest pest in Mongolia [with summary in English]. V. P. Grechkin. Zool. zhur. 39 no.1:84-96 Ja '60.

LARVAE—INSECTS

Larvae of darkling beetles of the tribe Tentyriini [with summary in English]. S. I. Keleinikova. Zool. zhur. 38 no.12:1833-1843 D '59

LARVAE—WORMS

Trematode larvae in fishes of the Soviet Union. L. E. Dyktmovskaia Pavlovskaia, O. K. Petrushevskii. Trudy sov. Ikht. kom. no.9:198-205 '59

LARYNX

Content of certain trace elements (Si, Al, Mn, Cu) in the skeleton of the human larynx, as related to the chronological development [with summary in English]. S. B. Zeligman, H. O. Dielikh. Ukr. biokhim. zhur. 31 no.6:866-876 '59.

LARYNX—CANCER

Dorochenko, I. T. [Cancer of the larynx; a popular essay] Rak gortani, nauchno-populiarnyi ocherk. [Kalinin] Kalininskoe knizhnoe izd-vo, 1957. 19 p. (Sovety vracha)
(DNLM)

LARYNX—DISEASES

Sudden death in angioneurotic edema of the larynx. R. P. Bogdanovskaia, I. Z. Dynkina. Sud.-med. ekspert. 2 no.4:49-50 O-D '59.

LARYNX—TUBERCULOSIS

Dorochenko, I. T. [Tuberculosis of the larynx] Tuberkulez gortani. [Kalinin] Kalininskoe knizhnoe izd-vo, 1957. 19 p. (Sovety vracha)
(DNLM)

LASDIVERD, DE ARBIDAGUES

"Varangians" and "Pronia" in the works of Aristagues de Lastivert. K. N. IUzbashian. Viz. vrem. 16:11-28 '59.

LASKOV (VOLYN' PROVINCE)—ANTIQUITIES

The Laskov treasure. M. A. Tikhanova. Sov. arkheol. 4 no.1:190-201 '60.

LATEX

Using latex in the printing industry. S. A. Kizber, Z. P. Kalmykova. Poligr. proizv. no.1:24-25 Ja '60

LATHE WORK see Turning

LATHES

Automatic reversing of spindle rotation of screw-cutting lathes made by the VDF Company. Mod. metallorezh. stan. no.6:6-8 '59.

Efficient types of automatic lathes for lot production. B. V. Shmakol'skii, A. A. Nikolaev. Trudy MATI no.[illegible] '59.

Over-all modernization of a turret lathe. D. N. Mindlin, S. V. Mandichev, IU. N. Rozanov. Mash. prom. 14 no.1:51-52 Ja '60.

Standard plans for machine tool modernization (to be continued). Mod. metallorezh. stan. no.[illegible] '59.

Structural changes in the 1670 and 1680 type lathes designed by the Kramatorsk Heavy Machinery Plant. Mod. metallorezh. stan. no.7:25-28 '59.

LATHES—ATTACHMENTS

Attached head used for increasing the speed of lathes. M. [illegible] Mod. metallorezh. stan. no.6:[illegible] '59.

Attachment for boring bearing bushings for machine tools. Mod. metallorezh. stan. no.5:31 '59.

Attachment for boring internal profiles of turbine blades with a variable cross section on lathes. M. Z. [illegible] Mashinostroitel' no.2:27-28 F '60.

Attachment for external grinding of pipes. A. E. Kelen[illegible], D. V. Malyi. Stan. i instr. 31 no.2:[illegible] F '60.

Lathe attachments for boring and drilling holes in parts. Mod. metallorezh. stan. no.5:30-33 '59.

Using multispindle drilling heads on turret lathes. Mod. metallorezh. stan. no.10:30-33 '59.

Using the GS-1 hydraulic copying tool. D. I. Pollak. Stan. i instr. 31 no.2:[illegible] F '60.

LATHES—ELECTRIC DRIVING

Modernizing the drive of the 1553 type double-sided turret lathe. Mod. metallorezh. stan. no.8:34-37 '59.

Modernizing the drive of the RA-II type turret lathe made by the Banne and Wurde Company. M. D. [illegible] Mod. metallorezh. stan. no.10:[illegible] '59.

Modernizing the main drive of the CRA-4 type turret lathe made by the Pittler Company. Mod. metallorezh. stan. no.6:17-18 '59.

Modernizing the main drive of the ZK-3 type turret lathe made by the Niles Company. Mod. metallorezh. stan. no.6:20-23 '59

Modernizing the main-drive unit of the automatic six-spindle lathe made by the New Britain Company. Mod. metallorezh. stan. no.6:15-16 '59.

LATHES—MAINTENANCE AND REPAIR

Attachments for boring beds of multiple-spindle lathes without dismounting them during repair. Mod. metallorezh. stan. no.5:34-37 '59.

Attachments for turning guides of heavy boring and turning lathes without dismounting them. Mod. metallorezh. stan. no.5:18-21 '59.

Universal device for grinding lathe beds instead of scraping without dismounting them. Mod. metallorezh. stan. no.5:4-8 '59.

LATHES—NUMERICAL CONTROL

Hydraulic copying devices for heavy lathes. Mod. metallorezh. stan. no.10:27-32 '59

Numerical programmed control system for a large lathe. I. L. Shapiro and others. Elektrichestvo no.2:9-12 F '60

LATHES—TECHNOLOGICAL INNOVATIONS

Automatic clamping and feeding of rod-type materials on the 1336M type turret lathe. Mod. metallorezh. stan. no.11:27-30 '59.

Changes in the design of the 1660 and 1660G type turret lathes manufactured by the Kramatorsk Heavy-Machinery Plant. Mod. metallorezh. stan. no.6:27-29 '59.

LATHES - TECHNOLOGICAL INNOVATIONS (Continued)

Conversion of the 161 type screw-cutting lathe into an automatic shearing machine. Mod. metallorezh. stan no. 12:11-26 '59

Mechanism of clamps for rod-type blanks on the 1A36 type turret lathes. Mod. metallorezh. stan no. 10:9 '59

Mechanizing manual operations on lathes. Mod. metallorezh. stan no. 6:5-6 '59

Mechanizing the displacement and clamping of puppet tail spindles of the 116-2 type semiautomatic multicut lathes. Mod. metallorezh. stan no. 10:10-11 '59.

Mechanizing the measurement of blind holes drilled by the puppet on lathes. Mod. metallorezh. stan no. 10:8-9 '59.

Mechanizing units of the 172A type semiautomatic multicut lathe. Mod. metallorezh. stan. no. 14:32-38 '59.

Modernizing face-plate supports of the heavy turning-and-boring lathe. Mod. metallorezh. stan. no. 10:5-7 '59

Modernizing spindle supports and turret-head shafts of the FRA type turret lathe made by the Pittler Company. Mod. metallorezh. stan no. 6:19-20 '59

Receiving pan for machined parts of the 110 type automatic single-spindle lathe. Mod. metallorezh. stan no. 14:30-32 '59

LATIN AMERICA—ECONOMIC CONDITIONS

[Latin America in its past and present; collected articles on the economy, history, and culture of Latin American countries] Latinskaia Amerika v proshlom i nastoiashchem, sbornik statei po ekonomike, istorii i kul'ture stran Latinskoi Ameriki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 463 p.

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

What is the real face of the "Committee of 21?" I. Rozhin. Otv. na vop. trud. no. 108:53-57 '59.

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES

Renowned traditions. Nov. vrem. 18 no. 22:2-3 My '60.

LATIN AMERICA—HISTORY

[Latin America in its past and present; collected articles on the economy, history, and culture of Latin American countries] Latinskaia Amerika v proshlom i nastoiashchem, sbornik statei po ekonomike, istorii i kul'ture stran Latinskoi Ameriki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 463 p.

LATIN AMERICA—MERCHANT MARINE

Merchant fleet of South American countries. A. Vorokhobskii, M. Maksimadzhi. Mor. flot 20 no. 1:38-39 Ja '60

LATIN AMERICA—STRIKES AND LOCKOUTS

The wave of strikes on a continent. V. Levin. Blok. agit. [Len.] no. 5:44-3 of cover. F '60.

LATITUDE

Choice of stars in simultaneous determination of latitudes and longitudes by the method of equal heights. V. Z. Khalkhunov. Trudy MIIGAIK no. 35:97-115 '59.

LATITUDE VARIATION see subdivision under Pulkovo

LATTICE THEORY

Calculation of the frequency distribution function for atomic vibrations in the crystal lattice. A. B. Almazov. Fiz. tver. tela 1 no. 12:1844 D '59.

LATTICES (MATHEMATICS) see Lattice theory

LATVIA—ACCOUNTING

Conference of accountants of enterprises of the Latvian Economic Council. Bukhg. uchet 17 no. 3:78 Mr '60.

LATVIA—BUDGET

Carrying out local budgets without expenditure entries. A. Abolin. Bukhg. uchet 17 no. 3:47-48 Mr '60

LATVIA—CHERRY

Some morphological characteristics of the development of generative organs and seeds in the "Latvian low" cherry variety (species Prunus cerasus L.). N. A. Kozlova. Bot. zhur. 45 no. 1:84-89 Ja '60.

LATVIA—FIRE DEPARTMENTS

Promote competition. I. Zuev. Pozh. delo 6 no. 1:22 Ja '60.

LATVIA—FOREST INSECTS

Pests of pine stands on the shore dunes of the Gulf of Riga [with summary in English]. G. Ozols. Zool. zhur. 39 no. 1:63-70 Ja '60.

LATVIA—FOREST MANAGEMENT

A very timely book ("Results of the reorganization of forest management and lumbering industry in the Latvian S.S.R." by V. V. Dem'ianov. Reviewed by V. Kliuev) Les. khoz. 12 no. 1:81 Ja '60

LATVIA—NATIONALITIES

Some problems in inculcating the spirit of internationalism. A. Pel'she. V pom. polit. samoobr. 4 no. 1:28-37 Ja '60.

LATVIA—PASTURES AND MEADOWS

Management of perennial cultivated pastures in Latvia. D. G. Sakharov. Zemledelie 8 no. 2:77-85 F '60.

LATVIA—SCIENCE

Work on studying the history of science in Latvia. P. I. Stradin', IA. P. Stradin'. Vop. ist. est. i tekh. no. 8:184-186 '59.

LATVIA—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Experience in equipment modernization. G. A. Storozhenko. Tekst. prom. 20 no. 1:73 Ja '60

LAVENDER (PLANT) see subdivision under Crimea

LAVRENEV, BORIS ANDREEVICH, 1894-

The early plays of B. Lavrenev. L. M. Es'kova. Uch. zap. Mosk. gor. ped. inst. 97:265-277 '59.

LAW
(see also subdivision under Ukraine)

Chkhikvadze, V. M. [Problems of socialist law and legality in V. I. Lenin's works] Voprosy sotsialisticheskogo prava i zakonnosti v trudakh V. I. Lenina. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 340 p.

Current plenum of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 1:1-8 '60.

"Forty years of Soviet law. Vol. 1. Period of the building of socialism. Vol. 2. Period of socialism." Reviewed by G. Matveev and others. Rad. pravo no. 1:133-140 Ja-F '60.

If you need legal advice. Sov. deput. trud. no. 3:43-44 Mr '60.

Index of legislative enactments. Sov. iust. no. 1:84 Ja '60.

Recent legislative enactments. Rad. pravo no. 1:131-132 Ja-F '60.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES
(see also subdivision under Ukraine)

Decisions of the Supreme Court of the U.S.S.R. in particular cases. Biul. Verkh. Suda no. 1:15-21 '60

How the public prosecutors of the U.S.S.R. supervise the observance of legality. Sots. zakon. 37 no. 3:88 Mr '60.

Judical practice. Sov. iust. no. 1:73-82 Ja '60.

Judicial practice. Sots. zakon. 37 no. 3:92 Mr '60

Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 1:22-25 '60

Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 6:27-29 '59.

Rulings of the Judicial Collegium for Criminal Offenses of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 1:26-31 '60.

Rulings of the Judicial Collegium for Criminal Offenses of the Supreme Court of the U.S.S.R. Biul. Verkh. Suda no. 6:30-31 '59.

LAW—PERIODICALS
(see also subdivision under Ukraine)

Conference of our readers. M. Fedorov, L. Lobanov. Sov. iust. no. 1:83 Ja '60.

LAW—STUDY AND TEACHING
(see also subdivision under Dnepropetrovsk, Leningrad; Malin District; Poland)

How study groups help to improve the practical work of public prosecutors. A. Dmitriev. Sots. zakon. 37 no. 3:66 Mr '60

We should organize study groups for the secretaries of public prosecution offices. Khokhlov. Sots. zakon. 37 no. 3:67 Mr '60.

LAW, HITTITE

Meaning of the Hittite term "parnassea suwaizzi." E. Menabde. Vest. drev. ist. no. 4:63-70 '59.

LAW AND LITERATURE

A. P. Chekhov and prerevolutionary "justice." V. Gol'diner. Sov. iust. no. 1:53-56 Ja '60.

LAW AND SOCIALISM

Problems concerning the legal regulation of social relations during large-scale building of communism. P. Nedbailo. Rad. pravo no. 1:10-28 Ja-F '60.

LAW OFFICES

How we organized legal consultation in the institutions of the Ministry of Culture. N. Larchenko. Sots. zakon. 37 no. 3:71 Mr '60.

LAWYERS
(see also subdivision under Baku)

What regulations on the legal profession should we enact. E. Zhezner, N. Sorokin. Sov. iust. no. 1:25-30 Ja '60.

LAWYERS—EDUCATION AND TRAINING

The training of lawyers should contribute to the solution of new problems. I. Dehtiar'ov. Rad. pravo no. 1:9-18 Ja-F '60.

LAZAREV REGION, ANTARCTICA—HYDROGRAPHIC SURVEYING

Investigating the approaches to the Lazarev South Polar Station. V. N. Mal'tsev. Inform. biul. Sov. antark. eksp. no. 11:5-8 '59

LAZORKI DISTRICT—FARM MECHANIZATION

Great things are ahead. G. Mikhailenko. Sel'. mekh. no. 2:16 '60

LEAD

Electrolysis of lead concentrates in fused salts. I. F. Gul'din and others. Zhur. prikl. khim. 33 no. 2:378-381 F '60.

Interaction between cuprous chloride and lead in melts. A. P. Palkin, IU. P. Afinogenov. Zhur. neorg. khim. 5 no. 1:230-232 Ja '60.

Photocolorimetric determination of bismuth in refined lead. R. A. Karanov, A. N. Karolev. Zav. lab. 26 no. 1:48-50 '60.

LEAD—ANALYSIS

Analysis of pure metals; determination of admixtures of lead and zinc in indium and thallium. V. A. Nazarenko and others. Zav. lab. 26 no. 2:131-135 '60.

Complexometric method of determining lead. O. B. Bydevskii. Zav. lab. 26 no. 1:50-51 '60.

Polarographic determination of 10^{-7} m. of lead. A. G. Stromberg, V. E. Gorodovykh. Zav. lab. 26 no. 1:45-49 '60.

LEAD—COSTS see subdivision under Chimkent

LEAD—ELECTROMETALLURGY

Electrolytic recovery of lead from industrial crude leads and bismuthous drosses by the use of molten electrolytes. I. D. Panchenko, IU. K. Delimarskii. Zhur. prikl. khim. 33 no. 1:153-157 Ja '60.

LEAD—ISOTOPES

Mechanism governing the migration of microquantities of certain elements into the crystals of a nonisomorphic carrier. I. V. Melikhov, M. S. Merkulova. Radiokhimiia 1 no. 6:633-636 '59

Using the lead-isotope method in determining the age of meteorites. I. E. Starik, E. V. Sobotovich, M. M. Shats. Meteoritika no. 18:88-91 '60.

LEAD—METALLURGY

Hydrometallurgical treatment of alkaline melts obtained as a result of zinc removal from lead. V. S. Lovchikov, B. M. Lipshits. TSvet. met. 33 no. 1:76-77 Ja '60.

LEAD-ANTIMONY ALLOYS

Anodic solution of alloys of lead with antimony, bismuth, and silver in fused alkali. IU. K. Delimarskii, A. A. Kolotii. Ukr. khim. zhur. 26 no. 1:16-24 '60.

LEAD-BISMUTH ALLOYS

Anodic solution of alloys of lead with antimony, bismuth, and silver in fused alkali. IU. K. Delimarskii, A. A. Kolotii. Ukr. khim. zhur. 26 no. 1:16-24 '60

LEAD COMPOUNDS

Properties of citric complexes of lead, as related to the pH of the aqueous medium. A. S. Tikhonov. Trudy VGU 49:79-94 '58.

Synthesis and study of the polymerization of vinyl compounds of lead [with summary in English]. V. V. Korshak, A. M. Poliakova, M. D. Suchkova. Vysokom. soed. 2 no. 1:13-19 Ja '60.

LEAD HYDROXIDE

Reaction between lead hydroxide and carbon dioxide in aqueous medium. N. I. Glistenko, M. A. Borzilova. Trudy VGU 57:3-9 '59.

LEAD NITRATE

Determining sulfate ions by direct titration with lead nitrate in the presence of diphenylcarbazone as the indicator. Gidrokhim. mat. 29:214-216 '59.

LEAD OXIDE

Influence of ultrasound on the anodic formation of lead dioxide. F. I. Kukoz, M. F. Skalozubov. Zhur. prikl. khim. 33 no. 1:177-181 Ja '60.

Intensification of the process of producing red lead. A. A. Ravdel', N. V. Ogarev. Zhur. prikl. khim. 33 no. 1:70-76 Ja '60

Synthesis of lead compounds in the laboratory. S. Dzhan-bekov. Khim. v shkole 15 no. 1:73 Ja-F '60.

LEAD SALTS

Synthesis of lead compounds in the laboratory. S. Dzhan-bekov. Khim. v shkole 15 no. 1:73 Ja-F '60.

LEAD-SILVER ALLOYS

Anodic solution of alloys of lead with antimony, bismuth, and silver in fused alkali. IU. K. Delimarskii, A. A. Kolotii. Ukr. khim. zhur. 26 no. 1:16-24 '60

LEAD POISONING

Prevention of ethylated benzene poisoning among drivers and auto repair workers in garages. I. K. Vozniuk. Fel'd. i akush. 25 no. 2:52-53 F '60.

LEAF BEETLES see subdivision under Turkmenistan

LEAKAGE ELECTRIC CURRENTS see Electric currents, Leakage

LEARNING, PSYCHOLOGY OF

Organization of active [illegible] the alternation of the [illegible] the two signalling systems. A. [illegible] [illegible] 121-124 '59.

Psychological peculiarities of the formation of [illegible] habits in children under the conditions of [illegible] and "active" method of instruction. [illegible] Dokl. APN no. [illegible]

LEASES

"Grounds for the termination of contracts for [illegible] by legal procedure" by V. A. [illegible] Reviewed by V. M[illegible] [illegible] no. [illegible]

LEAST SQUARES

Solution of a problem by the method of least squares in the light of [illegible] and [illegible] theorem. G. P. [illegible] [illegible] no. 10 [illegible]

LEATHER

Adequate thickness of [illegible] and others. [illegible]

Answer to a letter from [illegible] of the Soviet [illegible] Moldavian [illegible] no. 12 [illegible] '59.

Determining [illegible] N. N. [illegible] '60.

Determining the quality of [illegible] leather and [illegible] yield. [illegible] prom. no. 12 [illegible]

Effect of [illegible] Zakhar [illegible]

Improve the [illegible] [illegible]

Machine for [illegible] Legk. [illegible]

Rapid method for [illegible] A. I. Zapolsk[illegible] no. 12 [illegible]

Russian sandal leather [illegible] kozh. [illegible] no. 2 [illegible]

LEATHER—DRYING

[illegible] [illegible]

Drying of [illegible] A. I. [illegible] prom. [illegible]

LEATHER, ARTIFICIAL

(See also [illegible])

Plasticizers for [illegible] and other [illegible]

[illegible]

LEATHER INDUSTRY

(See also [illegible] Moscow, Poland)

Expand the [illegible]

Improving the [illegible]

Provide for [illegible]

[illegible]

LEATHER INDUSTRY—[illegible]

(See also [illegible])

Improving the [illegible]

LEATHER INDUSTRY—[illegible]

[illegible]

LEATHER SUBSTITUTES

Effect of [illegible] I. V. Z[illegible] tekh. leg. prom. [illegible]

Effect of the [illegible] the properties of [illegible] no. 6 [illegible]

Heat conducting [illegible] Kozh.-obuv. prom. [illegible]

LEATHER SUBSTITUTES—[illegible]

New developments [illegible] materials [illegible] no. 12 [illegible]

LEAVES

Activity of the leaf [illegible] flowers [illegible] M. [illegible] '60.

LEAVES—OPTICAL PROPERTIES

Relation between the optical properties of certain flowers [illegible] Trudy [illegible] AN [illegible]

LEAVES, [illegible]

Remains of leaf parenchyma in lower Miocene coals of [illegible] I. D. [illegible] Dokl. AN SSSR 132 no. 3 [illegible] My '60.

LEBANON—ECONOMIC CONDITIONS

[illegible] no. [illegible] My [illegible]

LEBANON—FOREIGN RELATIONS—UNITED STATES

[illegible] no. [illegible] My [illegible]

LEBANON—POLITICS AND GOVERNMENT

[illegible] no. [illegible] My

LEBEDEV, PETR NIKOLAEVICH, 1866-1912

[illegible]

[illegible] A. G. Stoletov [illegible] '59.

[illegible]

[illegible] [illegible]

[illegible]

[illegible]

[illegible]

LEBEDEV-[illegible], 1898-1952

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Valley [illegible]

[illegible]

LEEUWENHOEK, ANTONY VAN, 1632-1723

[illegible]

[illegible] A. P. [illegible]

[illegible] see [illegible]

[illegible] 1960.

[illegible]

[illegible]

[illegible]

LEIPZIG—UNIVERSITIES AND COLLEGES

The oldest German university. Roland Bluetner. Vest. vys. shkoly 17[i.e.18] no. 5:82-83 My '60.

LEITES, SAMUIL MOISEEVICH, 1899-

Samuil Moiseevich Leites. Probl. endok. i gorm. 5 no. 6:112-113 N-D '59.

LENA RIVER—COPEPODA

A new endemic parasite of Lake Baikal in the Lena Basin. [illegible] A. Kozhikov. Trudy Vost.-Sib. fil. AN SSSR no. [illegible] '59.

LENA VALLEY—GEOLOGY

Relationship between Permian and Triassic sediments in the [illegible] stage of the [illegible] and [illegible] in the Lena [illegible] I. P. Atlasov, M. P. Mondshine. Inform. biul. NIIGA no. [illegible] '59.

LENA VALLEY—SPRINGS

[illegible] on the Lena. I. N. [illegible] Priroda 49 no. 5:[illegible] My '60.

LENCH, LEONID, PSEUD.

[illegible] "Little people" ("A [illegible]") by Leonid Lench. Reviewed by [illegible] Oktiabr' 37 no. [illegible] '60.

LEND-LEASE OPERATIONS (1941-1945)

Concerning the lend-lease talks. [illegible] Nov. vrem. 18 no. [illegible] '60.

LENIN, VLADIMIR IL'ICH, 1870-1924

Adoratskii, V. [Always with us] Vsegda s nami. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 62 p.

Andreev, A. M., I. V. Pankov, and P. I. Rostovova. [Lenin in the Kremlin] Lenin v Kremle. Moskva, Gos. izd-vo polit. lit-ry, 1960. 118 p. illus.

Authentic human documents. [illegible] no. [illegible]

[illegible] flew off into the sky, except from [illegible] "Lenin's youth." [illegible] '60.

Chkhikvadze, V. M. [Problems of socialist law and legality in V. I. Lenin's works] Voprosy sotsialisticheskogo prava i zakonnosti v trudakh V. I. Lenina. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 340 p.

Circulation of V. I. Lenin's works in Moldavia, 1901-1917. [illegible] Komm. Mold. 5 no. [illegible]

During those memorable years. [illegible] Novyi mir 36 no. 4:160-174 Ap '60.

Features of Lenin's style of work. A. Aniket. Sov. gosud. i pravo no. 4:28-31 Ap '60.

Founder of the world's first socialist state. V. [illegible] Komm. [illegible] 14 [illegible] '60.

Gol'denko, [illegible] M. G. Kirkorovskii, and I. L. Kut[illegible] [Visiting places in Moscow connected with Lenin] Po leninskim mestam Moskvy. [Moskva] Mosk. rabochii, 1960. 109 p.

Gladkov, I. A. [V. I. Lenin as the organizer of the socialist national economy] V. I. Lenin — organizator sotsialisticheskoi ekonomiki. Moskva, Gos. izd-vo polit. lit-ry, 1960. 402 p.

Gor'kii, Maksim. V. I. Lenin. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 40 p.

[illegible] ("The struggle of V. I. Lenin against [illegible] philosophy") [illegible] Reviewed by M. Rozhkov. [illegible] '60.

[Great friend of youth; reminiscences about V. I. Lenin by old Communists and members of the Communist Youth League] Velikii drug molodezhi; vospominaniia staryh kommunistov i komsomol'tsev o V. I. Lenine. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 98 p.

[illegible] of the Communist Party. [illegible] '60.

A history of the methods of transporting Lenin's "Iskra" into Russia through Bulgaria. A. M. Shtilman. Nauch. dokl. vys. shkoly, ist. nauki no. 4:173-186 '59.

"How V. I. Lenin struggled against the idealistic sociology of the populist movement" by M. G. Mentakov. Reviewed by [illegible] A. Butler. Vop. filos. 14 no. 5:178-179 '60.

Iakovlev, B. V. [Lenin, the publicist] Lenin—publitsist. Moskva, Gos. izd-vo polit. lit-ry, 1960. 238 p.

Inspiring documents. Komm. Ukr. 35 no. 2:33-40 F '60.

Ivanskii, A. I., comp. [The youth of the V. I. Lenin, based on the reminiscences of his contemporaries and documents] Molodye gody V. I. Lenina, po vospominaniiam sovremennikov i dokumentam. Izd. 3., dop. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 509 p.

Kostomarov, G. D. [The unforgettable] Nezabyvaemoe. [Moskva] Mosk. rabochii, 1960. 174 p.

Kryvelev, I. A. [Lenin on religion] Lenin o religii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 218 p.

Kuusinen, O. V. [Putting Lenin's ideas into practice, an address at a solemn meeting in Moscow devoted to the observance of the 90th anniversary of the birth of V. I. Lenin, April 22, 1960] Pretvorenie v zhizn' idei Lenina, doklad na torzhestvennom zasedanii v Moskve, posviashchennom 90-i godovshchine so dnia rozhdeniia V. I. Lenina 22 aprelia 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1960. 29 p.

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Lenin and natural science. M.Vil'nyts'kyi, P.Dyshlevyi. Nauka i zhyttia 8 no.4 1-4 Ap '58

Lenin and science. A.V.Topchiev. Vop.filos. 14 no.5: 3-14 '60.

Lenin and technical development in the U.S.S.R. Izv.AN SSSR.Otd.tekh.nauk Mekh i mashinostr no.2 3-6 Mr-Ap '60.

Lenin and the Armed Forces. P.Pytkin. Blok.agit. [Len.] no.5:9-18 F '60.

[Lenin, journalist and editor] Lenin—zhurnalist i redaktor. Moskva, Gos. izd-vo polit. lit-ry, 1960. 551 p.

Lenin on correspondence between Marx and Engels ("Brief notes about 'Correspondence between K.Marx and F. Engels, 1844-1883.'" Reviewed by V.Vygodskii, F.Reshetnikov) V pom.polit.samoobr 4 no.1. 50-54 Ja '60.

[Lenin; reminiscences, stories, and sketches] O Lenine; vospominaniia. Rasskazy. Ocherki Moskva, Gos. izd-vo khudozh. lit-ry, 1960 458 p.

Lenin revealed Michurin to the people IUn.nat. no.2: 8-9 F '60.

Lenin, V.I. [Lenin on the foreign policy of the Soviet state] Lenin o vneshnei politike Sovetskogo gosudarstva. Moskva, Gos. izd-vo polit. lit-ry, 1960. 592 p.

Lenin's land decree and its role in consolidating the union of the working class and peasantry N.I.Nemakov Vest. Mosk. un. Ist.-filol. ser 14 no 4:3-24 '59.

Lenin's method of criticizing idealistic philosphical concepts. P.V.Kopnin. Vest.vys.shkoly 17[i.e.18] no.5: 52-59 My '60.

Makarenko, IA.I. [Lenin, the friend of the peoples of the world] Drug narodov mira - Lenin. [Moskva] Izd-vo VTsSPS Profizdat, 1960 197 p

Momentous orders of our leader H.M Shevchuk Ukraina no 1 12 Ja '60

Moscow Akademiia obshchestvennykh nauk [V.I. Lenin's struggle for militant materialism and revolutionary dialectics] Bor'ba V I Lenina za voinstvuiushchii materialism i revolutsionnuiu dialektiku. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 374 p.

Moscow. Universitet. [History of V.I.Lenin's revolutionary activity and his participation in the government, collected articles dedicated to the 90th anniversary of V.I. Lenin's birth, 1870-1960] Iz istorii revoliutsionnoi i gosudarstvennoi deiatel'nosti V.I.Lenina; sbornik statei k 90-letiiu so dnia rozhdeniia V I.Lenina, 1870-1960. Pod red. L.M.Papina, E N.Gorodetskogo i D K.Shelestova. Moskva, Izd-vo Mosk. univ., 1960. 456 p.

Moscow. Universitet. [V.I.Lenin and some problems in the development of the party and the state, collected articles dedicated to the 90th anniversary of Vladimir Il'ich Lenin's birth] V.I.Lenin i nekotorye voprosy partiinogo i gosudarstvennogo stroitel'stva, sbornik k 90-letiiu so dnia rozhdeniia Vladimira Il'icha Lenina. Moskva, Izd-vo Mosk. univ., 1960. 336 p.

Moshnin, I.D. [V.I.Lenin on the training of the Soviet troops] V.I.Lenin o vospitanii sovetskikh voinov. Pod red. I.I.Vlasova Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 166 p.

Mrachkovskaia, I.M [V.I Lenin's development of Marx's theory of the reproduction of gross national capital in the struggle against liberal populists and "legal marxists"] Razvitie V.I.Leninym marksistskoi teorii vosproizvodstva obshchestvennogo kapitala v bor'be protiv liberal'nykh narodnikov i "legal'nykh marksistov." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960 174 p

My acquaintance with Lenin. Louisa Bryant Reed. Novyi mir 36 no.3:174-175 Mr '60.

A new Lenin collection ("Lenin collection." Vol.36. Reviewed by B.IAkovlev). Novyi mir 36 no.2,204-211 F '60

Ninetieth anniversary of the birth of V.I.Lenin, distribution of his complete collected works. Z.Bogomolov. Sov.knizh.torg. 12 no.1,4 Ja '60.

Novikov, S. [What Lenin taught propagandists] Chemu Lenin uchil agitatorov. Moskva, Gos. izd-vo polit. lit-ry, 1959. 47 p. (Bibliotechka agitatora, no.5)

Onufriev, E.P. [Encounters with Lenin; reminiscences of a delegate to the party conference in Prague] Vstrechi s Leninym; vospominaniia delegata Prazhskoi partiinoi konferentsii Moskva, Gos. izd-vo polit. li-

p.

/.I.Lenin's book "Materialism and
n"; a model work in the development of
)hy] Kniga V.I.Lenina "Materializm i
m"; obrazets tvorcheskogo razvitiia
)sofii. Leningrad, Ob-vo po raspro-
i nauch. znanii RSFSR. Leningr.
)5 p.

[V.I.Lenin's editorial and newspaper
Redaktorskaia i publitsisticheskaia
.Lenina; lektsii, prochitannye v
shkole pri TsK KPSS. Moskva, Izd-
ri TsK KPSS. 1959. 136 p

: foresight. A.Azduni. Komm.Bel.
a '60.

enin collection." Vol.36. Reviewed
sk.kino no.2:9-17 F '60.
eist." B.IAkovlev. Znamia 30 no.3:

Publication and circulation of V.I.Lenin's works in the Ukraine. P.Shmorhun Komm.Ukr. 35 no.1:62-68 Ja '60.

Recommended subjects for lectures, reports, and talks. Komm.Mold. 5 no.1 67-69 Ja '60.

Stasova, E.D. [Teacher and friend] Uchytel' i druh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 16 p.

[Stories about Lenin told by workers] Rasskazy rabochikh o Lenine Moskva, Izd-vo VTsSPS Profizdat, 1960 173 p

V.I.Lenin and the fine arts [with summary in English]. M S.Kagan. Vest LGU 15 no 8 78-89 '60

V I.Lenin and the German left 1917-1918 [with summary in English]. V.G Brunin. Vest LGU 15 no.8,46-60 '60.

V.I.Lenin and the laws of the development of primitive society [with summary in English]. P.I.Boriskovskii. Vest.LGU 15 no.8:75-77 '60.

V.I.Lenin and the Petersburg University [with summary in English]. N.G.Sladkevich. Vest.LGU 15 no.8 90-102 '60.

V.I.Lenin as the founder of the Soviet state. I.Marchenko. Blok.agit. [Bel.] no.34:4-12 D '59.

V.I.Lenin on practice. A.I.Ivanov. Uch.zap.Sar.un. 60:35-63 '57.

V.I.Lenin on the contacts of literature and art with the life of our people. I.Dzeverin. Komm.Ukr. 35 no.2: 41-50 F '60.

V.I.Lenin on the creative work of the masses and the building of communism. N.Kapich. Komm Bel. 34 no 2 24-31 F '60.

V.I.Lenin on the history of atheism. M.I.Shakhnovich. Ezhegod Muz.ist.rel.i ateiz. 3:3-45 '59.

V.I.Lenin on the role of the subjective factor during the building of socialism and communism. F.Khudushin. Komm.Ukr. 35 no.1:51-61 Ja '60.

V.I.Lenin on the victory of the communist form of labor. I.Klishin. Komm.Bel. 34 no.1:31-37 Ja '60.

V.I.Lenin, the leader of the Great Proletarian Revolution. G.Golikov. V pom.polit.samoobr. 4 no.1: 38-49 Ja '60.

V.I.Lenin's work "Materialism and empiriocriticism" and questions of aesthetics. M.Ovsiannikov. Iskusstvo 22 no.4:8-12 '59.

Vladimir Il'ich in the Council for Labor and Defense. V.Smol'ianinov. Sov.deput.trud. no.3:33-39 Mr '60.

Volkov-Lannit, L.F. [Voice preserved forever; how they recorded and recovered V.I Lenin's voice] Golos, sokhranennyi naveki; kak zapisali i vosstanovili rechi V.I.Lenina. Moskva, Gos. izd-vo "Iskusstvo," 1960. 62 p.

With Lenin in the Smol'nyi. Adam Egede-Nissen. Novyi mir 36 no.3:172-174 Mr '60.

[Workers' letters to V.I.Lenin, 1917-1924] Pis'ma trudiashchikhsia k V.I.Leninu, 1917-1924 gg. Moskva, Gos.izd-vo polit.lit-ry, 1960. 461 p.

The years of fierce struggle. A.Loginov. Agitator no.4:11-16 F '60.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY

see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Excursions to the places associated with Lenin. Blok.agit. [Len.] no.5:40-43 F '60.

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

A day in the V.I.Lenin Museum. V.Rechmedin, O.Khablo. Ukraina no.4:1-2 F '60.

LENIN DISTRICT (MOSCOW PROVINCE)—AGRICULTURE

Let's increase production and reduce expenditures. S.Gusev. Sov.deput.trud. no.2:11-15 F '60.

LENIN IN LITERATURE AND ART

[Eternally alive; portrayal of V.I.Lenin in literary works] Vechno zhivoi; V.I.Lenin v khudozhestvennoi literature. Leningrad, Lenizdat, 1960. 562 p.

LENIN PRIZES

Lenin prizes in 1960. N.S.Arzhanikov. Vest.vys.shkoly 17[i.e.18] no.5:6-9 My '60.

LENINABAD PROVINCE—COAL MINERS—DISEASES AND HYGIENE

Elimination of foci of ancylostomiasis in the mines of "Tajikugol'" in Leninabad Province. V I Matveichuk. Zdrav T.dzh. 7 no 1:18-23 Ja-F '60.

LENINGRAD—ADULT EDUCATION

It's really good! G.Golubev, IA.Zimov. Agitator no.2: 45-46 Ja '60.

LENINGRAD—AIRPORTS

The sixth victory. S.Shteinberg. Grazhd.av. 17 no.1: 9-10 Ja '60.

LENINGRAD—AMATEUR THEATRICALS

Amateur children's theater. L.Grishina. Agitator no.2:55-56 Ja '60.

LENINGRAD—APARTMENT HOUSES

Block with large-panel apartment houses in Leningrad IU Shass Arkhit SSSR no 2 10-12 '60

LENINGRAD—ART, FRENCH

Meetings with French art N Sokolova Ogonek 38 no 8 16-17 F '60

LENINGRAD—ART GALLERIES AND MUSEUMS

Akademiia khudozhestv, Leningrad. Muzei. [Album of the Academy of Fine Arts in Leningrad] Al'bom. [Leningrad 1959] 1 v. (chiefly illus.)

LENINGRAD—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Placing bakery products on trays. M.G.Lozovskii. Khleb i kond prom 4 no.1:27-28 Ja '60

LENINGRAD—BUILDING MATERIALS INDUSTRY

Competition of Leningrad workers of the building materials industry for fulfilling the seven-year plan ahead of time. Stroi mat. 6 no.1:4-5 Ja '60.

LENINGRAD—BUILDING RESEARCH

Specialists increase their knowledge. N.Dolgopolov. NTO 2 no.2:51 F '60.

LENINGRAD—CABLES

Praiseworthy initiative of Anna Gritskevich. A.[illegible]kin. Agitator no.2:36-37 Ja '60.

LENINGRAD—CARICATURES AND CARTOONS

"Militant pencil." V.Malafonov, L.Pavlova. Neva no.3: 195-200 '60.

LENINGRAD—COFFEEHOUSES

Recipes of the "Lakomka" coffeehouse. R.Vidiapina. Obshchestv.pit. no.1:18-19 Ja '60.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Always with our people. IU.Solomonov. Agitator no.2: 38-40 Ja '60.

Brief news. Agitator no.2:62-63 Ja '60.

Conference of political lecturers at the industrial plant. P.Tkachenko. Agitator no.2:41-42 Ja '60.

During the night shift. F.Kokorov. Agitator no.2:[illegible] Ja '60.

How we help our propagandists. G.Liashenko. Agitator no.2:50-51 Ja '60.

Political propaganda must be militant and aggressive. B.Pokrovskii. Agitator no.2:25-29 Ja '60.

Struggle for technological progress G.Popov Part zhizn' no 11 8-15 Je '60.

LENINGRAD—COMMUNITY CENTERS

The atheist club. N.Serpov. Agitator no.2:54 Ja '60.

LENINGRAD—CONCERTS

Concerts in cities. A.St., N.IUdenich. Sov.muz. 24 no 2:141-142 F '60.

LENINGRAD—CONSTRUCTION INDUSTRY—ACCOUNTING

Using fixed prices in settling accounts for finished construction work; practices of the Main Administration for Housing and Public Construction in the City of Leningrad. G.Chulkovich. Ekon.stroi. no.1:38-41 Ja '60.

LENINGRAD—COOPERATIVE SOCIETIES

Contrary to the statute. D Valdai. Prom.koop 14 no 2 32 F '60

LENINGRAD—DELICATESSEN

They bought their dinner in a store. D.Nechaev. Neva. no.2:217 '60.

LENINGRAD—DIESEL ENGINES

An example of communist labor. V.Nedikov. Blok.agit. [Len.] no.3:21-27 Ja '60.

LENINGRAD—ECONOMIC CONDITIONS

The city of Leningrad tells its story. Agitator no.2:3 Ja '60.

LENINGRAD—ELECTRIC INDUSTRIES

Enthusiasts of the Leningrad "Elektrosila." A Ilig Zvezda no.11:150-156 N '59.

LENINGRAD—FIRE DEPARTMENTS

Sources of our successes. D.Bukhtiiarov. Pozh.delo 6 no.1:20-22 Ja '60.

LENINGRAD—FIRE PREVENTION—RESEARCH

Effective help. V.Gribov. Pozh.delo 6 no.2 11 F '

LENINGRAD—GAS TURBINES

Gas turbine installations of the Leningrad Metalworking Plant for electric power plants. L.D.Frenkel'. Energomashinostroenie 6 no.2:2-6 F '60.

LENINGRAD—HERBARIA

Herbarium of Mikhail Vasil'evich Frunze. Mikhail Zhokhov. IUn.nat. no.2:20-21 F '60.

LENINGRAD—HISTORY

"Essays on the history of Leningrad." Vol.3: The period of imperialism and the bourgeois-democratic revolution 1895-1917. Reviewed by V.A.Ovsiankin, M S.Kagan. Vest.LGU 15 no.8,140-147 '60.

LENINGRAD—HOSPITALS—STATISTICS
Statistical analysis of the composition of hospitalized patients in Leningrad. O.V. [illegible] Sov. zdrav. [illegible] 4 no.1:30-40 Ja '60.

LENINGRAD—INDUSTRIES
Struggle for technological progress. [illegible] zhizn' no.1:[illegible] Ja '60.
Technological progress in the key industries. N.Rodionov. Agitator no.2:10-11 Ja '60.

LENINGRAD—LABOR AND LABORING CLASSES
Leningrad workers in the struggle for the realization of Lenin's principle of the [illegible] [with summary in English]. P.V. [illegible] 15 no.8:19-33 '60.

LENINGRAD—LANDSCAPE GARDENING
What the experience of Leningrad [illegible] teaches us. A.Rodionov. [illegible] 8-9 '60.

LENINGRAD—LEATHER INDUSTRY
New equipment and technology in the [illegible] Factory. "[illegible]" [illegible] no.1:4-5 Ja '60.

LENINGRAD—MANUFACTURES
Merchandise for the people. [illegible] 14 no.2:11 F '60.

LENINGRAD—MANUSCRIPTS, GREEK
Catalog of Greek manuscripts in Leningrad [illegible] manuscripts of the fourth through [illegible] Granstrem. Viz.vrem. 16:216-[illegible] '59.

LENINGRAD—MATHEMATICS—[illegible]
An evening of mathematics [illegible] shkole [illegible]

LENINGRAD—MEAT INDUSTRY
Who were your foremen and [illegible] Agitator no.2:11-13 Ja '60.

LENINGRAD—MOTORBOAT RACING
A club in every district. [illegible] 2-3 Ja '60.

LENINGRAD—PAINTINGS, ITALIAN—EXHIBITIONS
Italian painting. M. [illegible] '60.

LENINGRAD—PAINTINGS
Leningrad. Gosudarstvennyi [illegible] State Museum; an album of reproductions [illegible] nyi russkii muzei; al'bom [illegible] Izogiz, 1958. 6 p., [illegible] ill.
(MIRA)

LENINGRAD—PLUMBING—REPAIRING
Why there are no leaks [illegible] Kuznetsov. [illegible]

LENINGRAD—RAILROAD ENGINEERING—STUDY AND TEACHING
Marking the 150th anniversary [illegible] Engineers Institute. A. [illegible] no.12:54 D '59.

LENINGRAD—RETIREMENT [illegible]
Your duty, [illegible] 84-85 Ja '60.

LENINGRAD—RESEARCH, INDUSTRIAL
The Council of Science and Technology [illegible] Agitator no.2:34-35 Ja '60.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Control over the use [illegible] meals. [illegible] '60.

LENINGRAD—RETAINING WALLS
Using prestressed steel piles [illegible] A.A.Dolinskii. [illegible]

LENINGRAD—RUSSIAN NEWSPAPERS
A good name is widely known. M.[illegible] Agitator no.2:57-58 Ja '60.

LENINGRAD—SCHOOL LUNCHROOMS, CAFETERIAS, ETC.
"Druzhba," Saturday luncheons for students. [illegible] chenko. Obshchestv.pit. no.1:15 Ja '[illegible]

LENINGRAD—SCIENCE
Predtechenskii, A.V., and V.IA. [illegible] [The cradle of Russian science, historical [illegible] institutions of the Strelka, Vasil'evskiy Island in Leningrad] Kolybel' russkoi nauki [illegible] nauchnykh uchrezhdenii na Strelke Vasil'evskogo ostrova v Leningrade. [Leningrad] [illegible]

LENINGRAD—SCIENCE—HISTORIOGRAPHY
Organization of the Leningrad group [illegible] Union of Historians of Natural [illegible] G.A.Andreeva. Vop.ist.est.i [illegible]

LENINGRAD—SCULPTURE
Sculpture at The Admiralty Building. [illegible] 22 no.5:57-62 '[illegible]

LENINGRAD—METEOROLOGICAL RESEARCH
[illegible] theoretical and experimental research [illegible] Vop. [illegible] no.2 [illegible]
[illegible] the Leningrad group of [illegible] no.2:11-14 [illegible]

LENINGRAD—SHOE MANUFACTURE
[illegible] automatization of operations [illegible] "[illegible]" L.I.[illegible] '60.

LENINGRAD—[illegible]
[illegible] of Leningrad ("Leningrad [illegible]" [illegible] A.A. [illegible] V. Pavlov. Illustrated [illegible] '60.

LENINGRAD—STEAM TURBINES
[illegible] for large single shaft [illegible] turbine [illegible] V.V.[illegible]

LENINGRAD—[illegible] MACHINERY
[illegible] plant of the [illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible]
[illegible] Nina Markin [illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible]
[illegible] A.[illegible] Agitator [illegible]

LENINGRAD—[illegible] EXCAVATIONS
[illegible] for the [illegible]

LENINGRAD—TEXTILE INDUSTRY
[illegible]

LENINGRAD—THEATER
[illegible]
[illegible]

LENINGRAD—THEATER
[illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible] APARTMENT HOUSES
[illegible]

LENINGRAD—[illegible]
[illegible] V.A. [illegible] '60.

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible]
[illegible]

LENINGRAD—[illegible] NEWSPAPER AND PERIODICAL [illegible]
[illegible]

LENINOGORSK DISTRICT—BOTANICAL GARDENS
In a botanical garden of the Altai. V.[illegible] Sov. [illegible] 6 no.12:87-88 D '59.

LENKOVTSY—ANTIQUITIES
Chernysh, K.K. [The early Tripol'ye settlement of Lenkovtsy in the middle Dniester] Rann'otrypil's'ke [illegible] Kyiv, Vyd-vo Akad.nauk URSR, 1959. 107 p.

LEONOV, LEONID MAKSIMOVICH, 1899
Bogoslovskaia, Z.B. Leonid Leonov. Moskva, Sovetskii pisatel', 1960. 360 p.
Leonid Leonov on literary work; from an interview with the writer. [illegible] Vop.lit. no.3:161-166 F '60.

LEPIDOPTERA see subdivision under Azerbaijan

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
Eikhenbaum, B.M. [Lermontov; a historical and literary evaluation] Lermontov; opyt istoriko-literaturnoi otsenki. Leningrad, Gos. izd-vo, 1924 [Ann Arbor, Univ. Microfilms, 1959] 1 microfilm 168 p.
(MiU)

LESGAFT, PETR FRANTSEVICH, 1837-1909
Activities of P.F.Lesgaft at the Academy of Military Medicine. IU.V.Bukin. Arkh.anat.gist.i embr. 37 no.12:[illegible] D '59.
On the fiftieth anniversary of the death of P.F.Lesgaft. IU.V.Bukin. Vest.khir. [illegible] no.12:[illegible] D '59.
P.F.Lesgaft; on the fiftieth anniversary of his death. [illegible] Zdrav.Belor. [illegible] no.[illegible] Mr '60.

LESKI—ANTIQUITIES
Archaeological excavations in the Leski village near Cherkassy. [illegible] AN URSR no.[illegible] '59.

LETTUCE
Relation between the yield of green onions, lettuce, and cabbage and the nitrogen, phosphorus, and potassium content of their leaves. [illegible] I.V.Popovich. [illegible] no.1:[illegible] '60.

LEUKOCYTES
Determining the duration of life following trauma by recording the number of leucocytes in the capillary network of the internal organs. D.M.Logofin. Sud. med. ekspert. 3 no.1:[illegible] '60.
Dynamics of leucocytic reactions in rabbits in acute radiation sickness [with summary in English]. [illegible] Pat.fiziol.i eksp.terap. 4 no.1:20-24 Ja-F '60.
[illegible] of leucocytic reactions to the administration of [illegible] in radiation sickness in animals. [illegible] Med.rad. 4 no.[illegible] '59.
[illegible] in the treatment of leucopenic conditions of [illegible] origin. A.A.Rabinovich. Zdrav.Belor. [illegible] Mr '60.
Relation between the local and total body reaction in [illegible] irradiation with different wave lengths [with summary in English] L.A.Vorob'eva (Mirtych'ban). [illegible] Ja-F '60.
White blood. I.I.Terent'eva, F.F.Fainshtein. Zdorov'e 6 no.3:9-10 Mr '60.

LEUKOPENIA
[illegible] in the treatment of leucopenic conditions of [illegible] origin. A.A.Rabinovich. Zdrav.Belor. [illegible] Mr '60.
Lipids in the bone marrow in experimental leukopenia [with summary in English]. E.N.Morozova. Vop.med.khim. 6 no.1:73-80 Ja-F '60.

LEUKOSIS
Cellular composition of foci of extramedullary [illegible] in the skin occurring in leucosis and [illegible] by autoimmune hemolytic anemias. Dokl.AN SSSR 1[illegible] no.3:685-688 My '[illegible]

LEUKEMIA
Development of leukoses under the influence o[illegible] radiations. V.N.Strel'tsova. Med.rad. 4 [illegible] '59.
Polyclinic observation of patients with chronic le[illegible] [with summary in English]. V.T.Morozova. [illegible] med. 21 no.1:95-99 Ja '60.

LEVEL INDICATORS
Level indicator for containers with a wide range of variations. I.N.Petrov. Mekh.i avtom.proizv. [illegible] no.1:44-45 Ja '60.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVITAN, ISAAC IL'ICH, 1860-1900
Levitan, I.I. [Isaak Il'ich Levitan; a [illegible] reproductions] Isaak Il'ich Levitan, al'bo[illegible] Moskva, Gos. izd-vo izobraz. isk[illegible] 20 plates
(RPB)

LEYDEN, NETHERLANDS—NATURAL HISTORY MUSEUMS

National Museum of the Exact and Natural Sciences in Leyden Maria Rooseboom. Vop ist.est.i tekh. no.7 113-120 '59

LIABILITY (LAW)

Judicial practice in cases concerning the liability of workers and employees for loss caused to government and cooperative agencies and industrial plants M Danchenko Rad.pravo no 6·72-79 N-D '59

Legal advice. Sov iust. no.1·72 Ja '60.

Liability for injuries to collective farmers' health N Malvin Sov iust no 1 50-52 Ja '60

LIBRARIES

(see also subdivision under Arctic region, Kazakhstan, Kol'chugino, Moscow, Prague, Ukraine)

Brief news. Sov.bibl no.6·97-98 '59

Come to your library. Sov.deput.trud. no.2·33-35 F '60.

Lenin, V.I. [Lenin on library work] Lenin o bibliotechnom dele. Moskva, Gos izd-vo polit.lit-ry, 1960. 182 p.

Let us put into practice the decision of the Central Committee on the CPSU on measures for improving library service V.I Shunkov Sov bibl no 6:3-9 '59.

Library life. Vop.lit. no.2·242-243 F '60.

LIBRARIES—CIRCULATION, LOANS

Figures speak. T.Mistriukova. Vop.lit. no.2·241-242 F '60

LIBRARIES—GIFTS, LEGACIES see subdivision under Saratov

LIBRARIES—SOCIETIES, ETC see Library Associations

LIBRARIES, CHILDREN'S

Moscow. Publichnaia biblioteka. [Manual for children's libraries; a collection of methodological and bibliographical materials] V pomoshch' detskim bibliotekam; sbornik metodicheskikh i bibliograficheskikh materialov. Sost. E.I.Fadeev. Moskva, 1960. 113 p.

LIBRARIES, NAVAL

On the atomic ice-breaker "Lenin." S.L. Sov.knizh. torg. 12 no.1:21 Ja '60.

LIBRARIES, RURAL see subdivision under Khmel'nitskiy Province, Terebovlya District

LIBRARIES, SPECIAL

The library of Moscow tsars, legends and facts. M.N. Tikhomirov. Novyi mir 36 no.1:196-202 Ja '60.

LIBRARIES, UNIVERSITY AND COLLEGE

Bring the work of libraries of educational institutions to the level required by present assignments Sov.bibl. no 6·93-94 '59

The library treasures of institutions of higher learning should serve the education of youth and thus serve science. E.V.Spirina, A.A.Abbasov, M.A.Zorina. Vest. vys.shkoly 18 no.6·53-57 Je '60.

LIBRARIES AND READERS

Discussion is necessary. S.Kellerman. Vop.lit. no.2·236-241 F '60.

Kashyrin, H.A. [Public libraries' work in local lore; advice on methods] Kraieznavcha rabota masovoi biblioteky; metodychni porady. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 37 p. (Na dopomohu bibliotekarevi)

LIBRARY ASSOCIATIONS

International Federation of Library Associations. E.A. Oshanina. Sov.bibl no.6:100-105 '59.

LIBRARY CONFERENCES

All-Union conference of workers of trade-union libraries. T.B. Sov.bibl. no 6:91-92 '59.

Conferences of workers of university libraries. V.A. Artisevich. Sov.bibl. no 6:92-93 '59

Problems of bibliography at the interprovincial conference and seminar of library works in Leningrad I.K.Kirpicheva. Sov.bibl no.6·84-91 '59

LIBRARY EXHIBITS see subdivision under Ukraine

LIBRARY SCHOOLS AND TRAINING see subdivision under Kharkov

LIBRARY SCIENCE

Setting norms for library work in large and medium-sized libraries. M I.Rabei Trudy Gos bibl.SSSR 3 105-146 '59

LIBRARY SCIENCE—DICTIONARIES

Review of the book "English-Russian dictionary of library and bibliographical terms" compiled by M Kh Saringulian Reviewed by TS.M.Berdichevskaia Trudy Gos. bibl.SSSR 3 171-176 '59

LIDA—INDUSTRIES

Lida encounters. A.Shcherba. Rab.i sial. 36 no.1:12-13 Ja '60.

LIDA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

Progressive group of communication workers. I. Lukashevich. Raspr.pech. no.2:3 F '60.

LIEBENAU, GERMANY—PRECAST CONCRETE CONSTRUCTION

Making panels in construction yards and assembling apartment houses with materials taken directly from trucks in Liebenau (German Democratic Republic). Biul.stroi.tekh 17 no.1·34-36 Ja '60.

LIEBKNECHT, KARL PAUL AUGUST FRIEDRICH, 1871-1919

Karl Liebknecht's trial in 1907. B.A Aizin Nov.i noveish ist no 1:104-115 '60

LIELUPE RIVER—WATER—ANALYSIS

Hydrochemical regime of the water in the Lielupe River estuary and in the Gulf of Riga offshore region. M.N. Mattisone Gidrokhim.mat. 29·81-101 '59

LIFE (BIOLOGY)

Vernadskii, V.I. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol.5. 1960. 422 p.

LIFE ON OTHER PLANETS

Life in the universe. G.A.Tikhov Nauka i rel. no.1 9-14 Ja '60

LIFE ON PLANETS see Plurality of worlds

LIFTING AND CARRYING

Wonder-truck V Pospelov Tekh mol 28 no 1 12-13 '60

LIFTS see Hoisting machinery

LIGAMENTS

Morphological features of the attachment of feathers in bird wings [with summary in English]. T.L.Borodulina. Zool.zhur. 39 no.1:124-136 Ja '60.

LIGHT

Coincidence in results of the classical and quantum theory of the interaction of light with a harmonic oscillator. V.P.Gribkovskii, B.I.Stepanov. Izv.AN SSSR.Ser.fiz. 24 no.5:529-533 My '60.

P.N.Lebedev and light pressure. T.P.Kravets. Trudy Inst.ist.est.i tekh. 28:45-65 '59.

LIGHT—PHYSIOLOGICAL EFFECT

Changes in bioelectric currents of the human brain due to complex light stimuli. V.G.Samsonova, V.A.Il'ianok. Dokl.AN SSSR 132 no.4:964-967 Je '60.

Effect of certain narcotics on the adoption of the rhythm of light stimuli by the cerebral cortex in rabbits. A.N Razumeev. Fiziol.zhur. 46 no.1 50-56 Ja '60.

Effect of darkness and low temperature on the propagation of the common vole. N.N.Golenishchev. Trudy VIZR no.12:100-103 '58.

Method for interrupted photo stimulation at the rhythm of natural brain potentials registered by electroencephalography. N.P.Bekhtereev, V.V.Usov. Fiziol.zhur. 46 no 1.108-111 Ja '60.

LIGHT—SCATTERING

Effect of polydispersity on the light scattering of polymer solutions [with summary in English]. IU IA.Kolbovskii Vysokom soed 2 no 1·85-87 Ja '60.

LIGHT, CORPUSCULAR THEORY OF

Development of the quantum theory of light. G.I.Nikitenko. Trudy Inst.ist.est.i tekh. 28 405-420 '59.

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING—EXHIBITIONS see subdivision under Moscow

LIGHTING, ARCHITECTURAL AND DECORATIVE

Shchipanov, A.S. [Interior architectural lighting] Osveshchenie v arkhitekture inter'era. Moskva, Gos. izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 113 p.

LIGHTNING

Our readers page. Znan.ta pratsia no.2:18 F '60.

LIGHTNING PROTECTION

Dispersal of breakdown voltages of valve arresters at industrial frequency E V.Kalinin. Vest.elektroprom 31 no.1 30-33 Ja '60

Lightning guard for an antenna V.Terent'ev. Radio no.2 20-21 F '60

Protection against atmospheric overvoltages with 220, 330, and 500 kv. arresters with magnetic quenching of arc. V.P.Savel'ev, V.V Shmatovich. Vest.elektroprom. 31 no.1 24-30 Ja '60.

LIGHTWEIGHT CONCRETE

(see also subdivision under Georgia; Kazakhstan)

Bozhenov, P.I., and M.S.Satin. [Autoclave-hardened foamed concrete made with industrial wastes] Avtoklavnyi penobeton na osnove otkhodov promyshlennosti. Leningrad, Gos izd-vo lit-ry po stroit arkhit.i stroit. materialam, 1960. 102 p.

Concretes made with porous aggregates from Mod[illegible] deposits [in Georgian with summary in Russian]. Z.K. TSilosani, I.D.Bakhtadze. Trudy Inst.stroi.dela AN Gruz.SSR 7.166-179 '59.

Deformative properties of shell-rock concretes based on limestone shell rocks form Bagerovo deposits I.D. Bakhtadze. Trudy Inst.stroi.dela AN Gruz SSR. 7 181-187 '59.

Dismountable plant for making and assembling [illegible] made of large aerated concrete blocks. Rats.i izobr. predl.v stroi. no.12;11-18 '59.

Objectives in the production and use of autoclave-[illegible] and other products in precast construction A V [illegible] zhenskii Stroi.mat 6 no 1:17-20 Ja '60

Some properties of lightweight concretes based on keramzit. I.K.Kuchinskii. Trudy Inst.stroi.dela AN Gruz.SSR. 7.190-212 '59.

Using bituminous shale ashes from the Volga Valley in construction. N.K.Khokhrin. Izv.vys.ucheb.zav.; stroi i arkhit. no.9:6-17 '59.

Wood-cement slabs and blocks. P.Ershov. Zhil stroi. no.1;7-9 Ja '60.

LIGHTWEIGHT CONCRETE—TESTING

Deformative properties of coarse porous [illegible] concretes. V.V.Seringiulion. Trudy nauch [illegible] dela AN Gruz.SSR no.1:23-30 '56.

LIGHTWEIGHT CONCRETE—THERMAL PROPERTIES

Investigating the heat conductivity of "keramzit" [illegible] V.R.Khlevchuk. Trudy MIIT no 122 220-237 '59

LIGNIN

Lignin as a reinforcing filler (from "Cond [illegible] no 4, 1959) Kauch i rez 19 no 1 63 Ja '60

LIGNITE

Colorimetric method of determining xylite. [illegible] R.I.Zamanskaia. Gidroliz.i lesokhim.prom. [illegible] 14-16 '60.

Quick method for determining the moisture content of lignite L.I.Romaniuk, M.I.Rabinovich Trudy Inst. topl AN URSR no.7·115-120 '52.

Using the by-products of lignite industry for increasing the yields of farm crops. P.A.Vlasiuk [illegible] Vid sil'.hosp nauk AN URSR no 2,13-37 '51

LIGNITE—THERMAL PROPERTIES see subdivision under Ukraine

LIMBS (ANATOMY) see Extremities (Anatomy)

LIME

Calculating the consumption of lime in juice [illegible] Sakh.prom. 34 no.2·24-25 F '60.

Shedurov, S.G. [Liming of acid soils] Izvestkovanie kislykh pochv. Izd.2., Moskva, Gos. izd-vo [illegible] ry, 1960. 78 p.
(DA)

Use carbonate lime A Panteleev Stroitel' [illegible] F '60

LIME, CHLORIDE OF

Effectiveness of adding calcium chloride in [illegible] of concrete products. E.G.Rozenfel'd. [illegible] no.1,37 Ja '60.

LIMEKILNS

Sixty-first variant. K.Varunov. Znan. sila 35 [illegible] 25-27 F '60.

LIMESTONE see subdivision under Bagerovo District, China; Krasnoyarsk region

LIMNOLOGY see subdivision under [illegible]

LINDEN

(see also subdivision under Siberia)

Germination of embryos in the linden tree [illegible] tree with reference to afterripening V.M [illegible] Bot.zhur. 45 no.1;144-148 Ja '60.

LINDERSTERM-LANG, KAJ, 1896-1959

K.U.Lindersterm-Lang, obituary. Biokhimiia 24 [illegible] 1120 N-D '59.

LINEA ALBA—INNERVATION

Innervation of the linea alba of the human abdomen. [illegible] Rusetskaia. Zdrav.Belor. 5 no.1:21-22 Ja '60.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR PROGRAMMING

Applying the linear programing method for solving [illegible] nomic problems in automotive transportation. [illegible] IU.Chernyshov. Biul.nauch.inform.: trud i zar.plata no.11:74-79 '59.

Transportation planning by means of linear programming V.Kiporenko. Biul.nauch.inform.: trud i zar plata no.11.55-63 '59.

LINKS AND LINK MOTION

Calculating five parameters of hinged four-bar transmission linkages. V.IA.Beletskii. Izv.vys.ucheb.zav.; mashinostr. no.6.3-9 '59.

Speeds and accelerations of elements of a generalized three-dimensional five-bar linkage. G.D.Anas[illegible] Izv. vys.ucheb.zav.; prib. 2 no.5:99-105 '59.

LINOLEUM

Dantsin, M. I., and others [Linoleum; production and use] Linoleum; proizvodstvo i primenenie. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 238 p.

LINOTYPE

Linotypes must work better. Poligr proizv. no. 1:10 Ja '60

Mechanization of manual operations on linotypes. M. F Sokolovskaia. Poligr. proizv. no 1:10-12 Ja '60

LIONS

One hundred lions a year. IA. Solodukho. IUn. nat. no. 2: 23 F '60.

LIPASE

Effect of potassium ions on amylase and lipase synthesis in slices of pigeon pancreas [with summary in English]. A. Kleinzeller, J. Kolinska, J Folbergrova Biokhimiia 24 no 6 1041-1046 N-D '59.

LIPATOV, SERGEI MIKHAILOVICH, 1899-

Sergei Mikhailovich Lipatov; on the 60th anniversary of his birth and the 35th anniversary of his scientific, pedagogical, and social activities. Vysokom. soed. 1 no 12:1868-1869 D '59.

LIPETSK—DESCRIPTION

A city and its bosses. Sov. Soiuz no. 8:20-23 '57.

LIPETSK PROVINCE—PLANTS—FROST RESISTANCE

Winter hardiness of coniferous and broad-leaved trees and shrubs at the Forest Steppe Experimental Plant Breeding Station (Lipetsk Province) N. G. Akimochkin Bot zhur 45 no. 1 123-131 Ja '60

LIPIDS

Effect of ionizing radiation on the lipid composition of the blood and liver in rats [with summary in English]. V. V. Nikol'skii, N. A. Nekovaleva, L. M. Chumakova. Ukr. biokhim. zhur. 31 no. 6:877-882 '59.

Lipids in the bone marrow in experimental leukopenia [with summary in English] E N. Morozova. Vop med khim. 6 no. 1:73-80 Ja-F '60

LIPIDOSIS

Problem of Letterer-Siwe disease. E. A. Bukhshtab, B. N. Semenov. Pediatriia 37 no. 12 24-28 D '59.

Problem of the diagnosis and treatment of xanthomatosis in children [with summary in English]. K A. Moskacheva. Pediatriia 37 no. 12:31-34 D '59.

LIPOLYSIS

Transformation of fats by micro-organisms. Report No. 1: Decomposition of fats during the process of denitrification [with summary in English]. V. L. Mekhtieva, G. F. Kondrat'ova, S. B. Malkova. Mikrobiologiia 29 no. 1: 85-89 Ja-F '60.

LIQUID FUEL ROCKETS see Liquid propellant rockets

LIQUID LEVEL INDICATORS

Automatic pumping of water from a closed tank. N. A. Arbuzov. Prom. energ. 15 no. 2 22-23 F '60.

Remote control level indicator of the pulp mass. L. K. Poliakov. Bumagodel. mash. no. 7:64-80 '59.

LIQUID METALS

Investigating the flow of iron and slag in blast furnace hearths [with summary in English]. N. N. Babarykin and others. Stal' 20 no. 1:19-23 Ja '60.

LIQUID PROPELLANT ROCKETS

Sheveliuk, M. I. [Theoretical bases for designing liquid propellant rocket engines] Teoreticheskie osnovy proektirovaniia zhidkostnykh raketnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 684 p.

LIQUIDS

Measuring the thermal conductivity of liquids. O. A. Kraev. Zav. lab. 26 no 2:183-184 '60.

LIQUIDS, KINETIC THEORY OF

Computation of the flows of a gas-containing liquid with a two-parameter characteristic. D. A. Efros, I. F. Kuranov. Dokl. AN SSSR 132 no. 3:553-556 My '60.

LISTERIA

Method of preparing Listeria antigen for an indirect hemagglutination reaction. L. A. Burenkova. Zhur. mikrobiol. epid. i immun 30 no. 12:118-120 D '59.

LISZT, FRANZ, 1811-1886

"The last years of Franz Liszt" by Bence Szabolcsi. Reviewed by IA. Mil'shtein. Sov. muz. 24 no. 2:190-191 F '60.

LITERARY STYLE see Style, Literary

LITERATURE

Figures speak. T. Mistriukova. Vop. lit. no. 2:241-242 F '60.

Library life. Vop. lit. no. 2:242-243 F '60.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM
(see also subdivision under United States)

Akademiia nauk SSSR. Institut mirovoi literatury. [Criticism of bourgeois conceptions and revisionism in foreign literatures] Protiv burzhuaznykh kontseptsii i revizionizma v zarubezhnom literaturovedenii. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 212 p.

Belinskii, V. G. [Aesthetics and literary criticism in two volumes] Estetika i literaturnaia kritika v dvukh tomakh. Moskva, Gos. izd-vo khudozh. lit-ry (Pamiatniki mirovoi esteticheskoi i kriticheskoi mysli)
Vol. 1. 1959. 700 p.
Vol. 2. 1959. 781 p.

Concerning the "Russian creative style," dogmatism, and life T. Trifonova. Oktiabr' 37 no. 1 209-215 Ja '60

Eyewitness or participant; on the "little man" in foreign literature. Vlad Rubin. Zvezda no 11 198-202 N '59

Life in our university. Boris Polevoi. Vop. lit. 4 no. 1: 170-174 Ja '60.

Shklovskii, V. B. [Literary prose; thoughts and analyses] Khudozhestvennaia proza, razmyshleniia i razbory. Moskva, Sovetskii pisatel', 1959. 627 p.

The simple and the great G. Apresian. Zvezda no. 11: 195-197 N '59

Socialist realism in foreign literature. A. F. Ivashchenko. Izv. AN SSSR. Otd. lit. i iaz. 18 no. 6:500-507 N-D '59.

Trends in the development of the modern novel. M. Kuznetsov Novyi mir 36 no 2 227-250 F '60.

Work and character. Z. Kedrina. Znamia 30 no. 3:204-214 Mr '60.

LITERATURE—MISCELLANEA

Mournful notes. Zvezda no. 12:214-217 D '59.

LITERATURE—STUDY AND TEACHING

Work of the methodological committees of language and literature teachers. Ukr. mova v shkoli 10 no. 1:3-6 Ja-F '60.

LITERATURE, COMPARATIVE

Discussion of the problem of interrelations and interactions of literatures. I. G. Neupokoeva. Vest. AN SSSR 30 no. 5:113-115 My '60.

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND HISTORY

Manual for teachers ("Using literary works in history classwork in grades 8 and 9" by H. O. TSvikol's'ka. Reviewed by I. O. Hurzhii, P. IU Marunia). Ukr. ist. zhur. 4 no. 1:123-125 Ja-F '60.

LITERATURE AND SCIENCE

Probable possibilities. Viktor Rozov. Vop. lit. no. 2: 181-183 F '60.

Propagandist of the most progressive science ("A. M Gor'kii as the propagandist of science" by M Illnovych Reviewed by Sh. Viadro). Nauka i zhyttia 9 no. 9:30 S '59

LITERATURE AND SOCIETY

In a hundred and in a thousand years; remarks on literature devoted to the future. IUrii Riurikov Novyi mir 35 no. 12:226-245 D '59.

LITERATURE AND STATE

"On literature and art." Reviewed by Vl. Dmitrovskii. Zvezda no 11:213 N '59

LITHIUM—ANALYSIS

Determination of lithium and cesium in ores by the use of a flame photometer with an integrator. N. S. Poluektov, M P. Nikonova, S. E. Grinzaid. Zav lab. 26 no. 2:161-163 '60.

LITHIUM—ISOTOPES

Preparation of the beryllium-7 radioactive isotope as a result of a secondary nuclear reaction in a nuclear reactor. N. P. Rudenko, A. I. Sevast'ianov. Radiokhimiia 1 no. 6:691-693 '59.

Rotational level of the Li^7 nucleus. V. I. Mamasakhlisov, T. I. Kopaleishvili. Zhur. eksp. i teor. fiz. 37 no. 4: 1134-1136 O '59.

LITHIUM ALUMINOSILICATE

Effect of alkaline solutions on vitreous silicates and aluminosilicates of lithium. S. K Dubrovo. Zhur prikl. khim. 33 no. 1:27-34 Ja '60

LITHIUM CHLORIDE

Solubility in the ternary system LiCl - NaCl - H_2O at 25, 50, 90, and 100°. Hu K'o-yuan Zhur. neorg. khim. 5 no. 1:190-193 Ja '60.

LITHIUM HALIDES—SPECTRA

Electron diffraction study of the structure of sodium and lithium halide molecules. P. A Akishin, N. G. Rambidi. Zhur. neorg. khim. 5 no 1:23-30 Ja '60.

LITHIUM OXIDE

Investigating the solubility of glasses of the system Li_2O-SiO_2 and their crystallization products. M. Matveev, V Velia. Zhur. prikl. khim. 33 no. 1:34-42 Ja '60.

LITHIUM SILICATE

Effect of alkaline solutions on vitreous silicates and aluminosilicates of lithium. S. K Dubrovo Zhur prikl khim 33 no 1:27-34 Ja '60

Reaction of vitreous lithium silicates with water and their comparison with sodium silicates. IU. A. Shmidt. Zhur. prikl. khim. 33 no. 2 266-273 F '60.

LITHUANIA—PARASITES

Parasites of fishes in fresh-water bodies of the Lithuanian S. S. R. R. A. Kротas. Trudy sov. Ikht. kom. no. 9:163-167 '59.

LITHUANIA—PEASANTRY—BIBLIOGRAPHY

New works by Lithuanian historians on the history of the peasantry in the 19th century. G. V. Kiselev. Ist. SSSR no. 1 187-191 Ja-F '60.

LIVER

Association between the activities of the spleen and of other organs Report No 3 Effect of diathermy of the spleen and of splenic extracts on conditions of the liver and of the hemopoietic system in pathological conditions [with summary in English] L I. Geller Biul eksp biol i med 48 no 11 50-57 N '59

Change in certain indexes of protein metabolism following hypophysectomy [with summary in English]. S G Gasanov. Probl. endok. i gorm. 5 no. 5:40-45 S-O '59.

Effect of liver functions on the dynamics of gas exchange following food intake [with summary in English]. P. S. Fedyshyn Fiziol zhur [Ukr] 6 no 1:106-113 J-F '60.

Effect of X-irradiation on the nucleic acid level in the liver and spleen of rabbits. L Cejka, J Nosek. Med. rad. 4 no. 12:21-24 D '59.

Effect of X-rays on the xanthine oxidase and aldehyde dehydrogenase activity in the livers of white rats. K. I. Pravdina, L. A Tiunov. Med. rad. 4 no. 12 81-82 D '59.

Influence of DDT and products of its synthesis on liver function. E. P. Krasniuk. Vrach. delo no. 12:1307-1309 D '59.

Influence of Ankavan mineral water on the biligenic function of the liver. Dzh. M. Shmavonian, B. A. Vartazarian. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1 33-34 '60.

Influence of hepatic insufficiency on the course of rheumatic fever. N. I. Luk'ianova. Vrach. delo no. 12: 1287-1291 D '59.

Iodine test in patients with skin diseases. I. D. Akoeva, N I. Vasil'ev. Zdrav. Tadzh. 7 no 1:37-39 Ja-F '60.

Liver function in the Itsenko-Cushing disease [with summary in English]. M. A. Samokhvalova. Probl. endok. i gorm. 5 no. 6:77-82 N-D '59.

Physiological regeneration of the liver in mammals [with summary in English]. L. D. Liozner, V. F. Sidorova. Biul eksp. biol. i med 48 no. 12:93-96 D '59.

Significance of liver function in the development of hemolytic disease in newborn infants. E. M. Tyminskaia, B. A. Mogilianskaia. Vop. okh. mat. i det. 5 no. 1:30-36 Ja-F '60.

Stimulation of protein synthesis in liver homogenates by adenosine triphosphate in ontogenesis [with summary in English]. V N. Nikitin, R I. Golubitskaia Biokhimiia 24 no. 6:1023-1025 N-D '59.

LIVER—ABSCESS see subdivision under Ashkhabad

LIVER—CANCER

Cirrhosis and tumors of the liver in choline and protein insufficiency. L. A. Cherkes and others. Vop. pit. 19 no. 1:3-10 Ja-F '60.

LIVER—CIRRHOSIS

Cirrhosis and tumors of the liver in choline and protein insufficiency. L. A. Cherkes and others. Vop. pit. 19 no. 1:3-10 Ja-F '60.

LIVER—DISEASES

Interrelationship of diseases of the liver and biliary tract with disorder of the condition and function of the female genitalia [with summary in English]. E. IA. Stavskaia, A. M. Nogaller, M. G. Karlysheva. Sov. med. 24 no. 1:65-71 Ja '60.

Lipoidic degeneration of the liver in the rainbow trout and its connection with the use of artificial feeds. K. A. Faktorovich. Trudy sov. Ikht. kom. no. 9 69-73 '59.

Variation in nitrogen metabolism in the brain in cases of liver disorders. N. V. Beselkin, B. G. Gordon. Trudy Inst. fiziol. 8:520-525 '59.

LIVER—GLYCOGENIC FUNCTION

Effect of whole body X-irradiation on the glycogen content of the rat liver [with summary in English]. R. IA. Keilina. Biokhimiia 24 no. 6 986-990 N-D '59.

LIVER FLUKE
(see also subdivision under Saratov region)

Cytochemical changes during the oogenesis and the fertilization of the liver fluke [with summary in English]. N. A. Bogomolova. Trudy LSGMI 43:15-20 '59.

Modern concepts of the epidemiology and epizootology of opisthorchiasis (Vinogradov's disease). N. N. Plotnikov. Trudy sov. Ikht. kom. no. 9:208-213 '59.

LIVNY—INSURANCE, SOCIAL—EMPLOYEES

Not for themselves but for the people N. Karaseva Sots. obesp. 21 no. 1:24-27 Ja '60.

LOADING AND UNLOADING

Aerosol transportation of flour at Moscow Bakery No 16 A E Minaev Khleb i kond prom 4 no 2 15-17 F '60

Important problem of our national economy. V. Belokrinitskii Kommunist 37 no 9 23-41 Je '60

Investigating the frequency of natural vibrations on "unloader-car" system. Kh G. Usmanov Trudy MIIT no 122 151-169 '59.

Investigating the unloading of bulk materials from boxcars by vibration Kh G. Usmanov Trudy MIIT no 122 138-150 '59

MBO-4 unloading and piling machine. Sakh. prom. 34 no. 2 61 F '60.

Mechanical cottonseed loader S. Saidullaev Tekst prom 20 no 1 69-70 Ja '60

Mechanized loading of short lumber into covered cars. G. B. Korobov and others. Les. prom. 38 no. 1:4-6 Ja '60.

Mechanizing heavy works M P Makhalov Gidroliz i lesokhim prom 13 no 1 26 '60

Our experience in ballast unloading. V. I. Malakhanov. Put' i put. khoz. 4 no. 3 21-22 Mr '60.

Testing new machines for unloading and piling beets. V A. Novikov. Sakh. prom. 34 no. 2 38-39 F '60.

Tractor-mounted "Kharkov" loader. O. P. Glushchenko. Mekh. stroi. 16 no 11 28 N '59.

LOADING AND UNLOADING—TECHNOLOGICAL INNOVATIONS

Mechanizing the unloading of loose materials at the Rostov Agricultural Machinery Plant. D N. Val'dman, A S. Besschastnyi Mashinostroitel' no 2, 20-21 F '60.

LOCAL ANESTHESIA

Exact and diffuse methods of conduction anesthesia in the maxillofacial region. S N. Vaisblat. Vrach. delo no. 12: 1297-1299 D '59.

Local anesthetic drugs. Part 12: Local anesthetizing action and other pharmacological properties of analogues of diethylaminoacetylemesidine (from "Ceskoslovenska Farmacie," 1959, v. 8, no. 3, pp. 126-129). Med. prom. 14 no 2·60 F '60

The use of an alcohol-novocaine solution in the combined treatment of fractures in children. V. S. Topuzov. Ortop., travm. i protez. 20 no. 12:24-27 D '59.

LOCAL GOVERNMENT

(see also subdivision under Batetskiy District; Dankov District, Gagra, Kabardino-Balkar A. S. S R , Kamchatka, Mari A S S R , Orel Province; Sal'sk District, Sosnitsa District, Staryy Oskol District, Tyachev District; Voskresenskoye District)

Adherence to principles and the lack of it. Sov. deput. trud. no. 3 41-42 Mr '60.

Answering our readers' questions. Sov. deput. trud no. 1· 97-100 Ja '60

Answering our readers' questions. Sov. deput. trud. no. 2·88-94 F '60.

Brief news of the work of the soviets. Sov. deput. trud. no. 1·103-104 Ja '60.

Brief news of the work of the soviets. Sov. deput. trud. no. 2, 97-98 F '60.

In the Supreme Soviets and the councils of ministers of the Union Republics. Sov. deput. trud. no. 2·95-96 F '60.

In the supreme soviets and the councils of ministers of the Union Republics. Sov. deput. trud. no. 3·98-100 Mr '60.

It wasn't good on paper as well as in real life. Sov. deput. trud. no. 3:112 Mr '60.

Notarial functions of the executive committees of the local soviets of workers' deputies. D. Chorpita. Rad. pravo no. 1·50-53 Ja-F '60.

The second year of the seven-year plan. Sov. deput. trud. no. 1·3-7 Ja '60.

We should carry out the mandates of our voters. Sov. deput. trud. no. 3:3-7 Mr '60.

LOCAL TRANSIT

City passenger transport in capitalist countries. A. A. Poliakov. Zarub transp 2:235-270 '58.

Organization of management of municipal electric transportation systems. Zhil.-kom khoz. 10 no. 1:11-12 '60.

Samoilov, D. S. [Principles of the organization and coordination of routes for city passenger transportation, scientific report] Printsipy postroeniia i koordinatsii marshrutov gorodskogo passazhirskogo transporta, nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii Akad., 1959. 71 p.

Using semiconductor rectifiers in urban electric transportation. I. S. Efremov, N. A. Zagainov, S. S. Tikhomirov. Elektrichestvo no. 1 47-51 Ja '60.

LOCKE, JOHN, 1632-1704

Skepticism in J. Locke's theory of knowledge. G. A. Zaichenko. Nauch. dokl. vys. shkoly; filos. nauki no. 4· 123-131 '59.

LOCKJAW see Tetanus

LOCKS AND KEYS see subdivision under Moscow

LOCOMOTIVE WORKS see subdivision under Kolomna

LOCOMOTIVES

(see also subdivision under Great Britain)

Increasing the effectiveness of the utilization of the new types of traction, editorial Zhel dor transp 42 no 2 3-8 F '60

Investigating the regularity of variations of the coefficient of cohesion between the locomotive driving wheel and the rail on the contact surface Z. Z. Rudiakov. Trudy DIIT no 29:106-118 '59.

Organizing locomotive operation and maintenance for new types of traction V. G Merezhko Zhel. dor transp 42 no 2 9-13 F '60

Standardization of control instruments for diesel and electric locomotives M. A Petrov Zhel dor. transp. 42 no 2 21 F '60

Standardization of the types of subassemblies and parts for modern locomotives D V. L'vov, Zhel dor. transp 42 no 2 14-20 F '60.

Technical and economical justification for lengthening haul distances. V D. Barkhatnyi. Zhel. dor transp. 42 no. 1·27-33 Ja '60.

LOCOMOTIVES—ACCOUNTING see subdivision under *Volkhov*

LOCOMOTIVES—BIBLIOGRAPHY see Bibliography—Locomotives

LOCOMOTIVES—DYNAMICS

Determining additional traction force at contact points in case of a variable value of the friction coefficient. Z. Z. Rudiakov. Izv. vys. ucheb zav , mashinostr. no. 6. 35-41 '59.

LOCOMOTIVES—MAINTENANCE AND REPAIR

Economic effectiveness of locomotive servicing by shifting crews. A. G. Zakharov, A. K. Dudyrev. Zhel. dor. transp. 42 no. 1·33-36 Ja '60.

LOCOMOTOR ATAXIA

Characteristics of combined forms of neurosyphilis [in Azerbaijani with Russian summary]. IA. M. IUnusov. Azerb. med. zhur. no. 1, 43-46 Ja '60.

LODGE, HENRY CABOT, 1902-

People and events: Henry Cabot Lodge. Nov vrem 18 no 7 11 F '60

LODGINGHOUSES see subdivision under Khoroshevo

LODYGIN, ALEKSANDR NIKOLAEVICH, 1847-1923

Our anniversary calendar Nauka i zhyttia 9 no 2 63 F '59

LOESS

Construction on loess soils. N. N. Kriger, S. I. Serebriannikov. Osn., fund i mekh. grun 2 no 1:26-29 '60.

Thermal stabilization of sagging loess soils. Rats. i izobr. predl. v stroi. no. 12:32-35 '59.

LOGGING (GEOLOGY)

(see also subdivision under Kola Peninsula; Tyumen' *Province*)

Using electric logging method in prospecting for contact zones. V. N. Ponomarev. Razved. i okh. nedr 25 no. 11:56-57 N '59.

LOGIC

Alekseev, M. N. [Dialectical logic] Dialekticheskaia logika. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 148 p. (Materialy k lektsiiam po dialekticheskomu i istoricheskomu materializmu)

Gorskii, D. P. [Logic; a textbook for teachers colleges] Logika; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo, 1958. 289 p.
(NN)

Objectivity of logical contradictions. D. V. Pivinov. Nauch. dokl. vys. shkoly; filos. nauki no. 4:82-92 '59.

Problems of dialectical logic in V. I. Lenin's book "Materialism and empiric criticism." V. I. Mal'tsev. Nauch. dokl. vys. shkoly; filos. nauki no. 4:71-81 '59.

Problems of logic in N. G. Chernyshevskii's works. I. S. Serebrov. Uch. zap. Sar. un. 60:152-168 '57.

LOGIC, SYMBOLIC AND MATHEMATICAL

Mathematical logic. A. A. Erofeev. Uch. zap. MGZPI no. 3·58-71 '59.

LOGINOV, GAVARIIL GAVRIILOVICH, d 1958

In memory of Gavriil Gavriilovich Loginov. Vest. oft. 72 no. 6:58 N-D '59.

LOK-BATAN REGION (AZERBAIJAN)—OIL FIELDS—PRODUCTION METHODS

Analyzing the results of the experimental exploitation of the Sub-Kirmaki pool in the southern wing of the Lokbatan field. A. G. Durmish'ian Izv. vys. ucheb. zav.; neft' i gaz 2 no. 12, 55-57 '59.

LOMBOK ISLAND—HISTORY

Parygan V Maksimov Ogonek 38 no. 8·9 F '60

LOMOVATOYE—ANTIQUITIES

Early Chernyakhov settlement at [illegible] on the Dnieper River. E. A [illegible] Inst. arkheol. AN URSR no [illegible]

LONDON—MILK—CONGRESSES

Standards for testing technolog[illegible] papers of the 44th Assembly of [illegible] Federation). Izv. vys. ucheb. [illegible] 108-112 '59.

LONGITUDE

Accuracy of determining longitude [illegible] tion points. M. N. Severov. Trudy [illegible] 15-23 '59.

Choice of stars in simultaneous [illegible] and longitudes by the method of [illegible] Khalkhunov. Trudy MIIGAiK [illegible]

LONGSHOREMEN

Schools under the leadership of [illegible] 20 no. 1·47 Ja '60

LOOMS

Eliminate idling of electric motors [illegible] tors on spinning looms. A K [illegible] 15 no. 2:20 F '60.

Investigating the movement of the [illegible] N. V Tsagareli Tekst prom [illegible]

Kuligin, A. V. [At-100-5M autom[illegible] skii tkatskii stanok AT-100-5M [illegible] knizhnoe izd-vo, 1959. 155 p

LOSEVA, IRINA MIKHAILOVNA, [illegible]

I. M. Loseva; obituary. B. Plotn[illegible] no. 1:321 '60.

In memory of I. M. Loseva. Vest. dre[illegible]

LOTOSHINO DISTRICT—HOSPITALS [illegible]

Form of work of the nurses of the [illegible] Consolidated Hospital. A [illegible] 19 no. 1:23-24 Ja '60.

LOTOTSKII, BORIS VENIAMINOVICH, [illegible]

In memory of Boris Veniaminovi[illegible] E. P Pavlovskii, P. P Sorokin [illegible] AN Tadzh. SSR 60. 9-14 '59

LOTTERIES

Quantitative characteristics of lotter[illegible] Zheleznlak. Uch. zap. po stat. [illegible]

LOW TEMPERATURE RESEARCH

Effectiveness of vortex refrigerat[illegible] English]. V. Martynovskii, D [illegible] 37 no 1·3-8 Ja-F '60

LOZINA-LOZINSKII, LEV KONSTANTIN[illegible]

Lev Konstantinovich Lozina-Lozinsk[illegible] birthday. IU. I. Iollanskii. [illegible] Ja-F '60.

LUDEN'—REINFORCED CONCRETE

Reinforced concrete supply base [illegible] ating sections. A. G. Stel'makh [illegible] Ja '60.

LUBENSKAYA DISTRICT—NURSES AND [illegible]

Work of the nurses council at the [illegible] Hospital. A. S. Timofeeva. Med [illegible] Ja '60.

LUBRICATION AND LUBRICANTS

Catalytic effect of metals and of [illegible] oxidation of "Velosite" oil. Z [illegible] E. M. Bed[illegible]nskaia. Izv. vys. [illegible] prom. no. 6:127-133 '59.

Cleaning oil in centrifuges. N. I. Sa[illegible] sel'khozmash. 30 no. 2:12-13 F [illegible]

Determining the quality and efficient [illegible] greases for the piston group of [illegible] A. D. Rozhdestvenskii, M. S. Cherna[illegible] Sbor. nauch. rab. INKH no. 16 pt 2:147 [illegible]

Efficient lubricant for forms. Rats. [illegible] no. 12·19 '59.

Lubricants containing surface-active [illegible] metal production and their stabilizing [illegible] effect. V. N. Likhtman, M. L. Sm[illegible] MGZPI no. 3:262-273 '59.

Measurement of the radioactivity of [illegible] lation counters. A. I. Nisnevich [illegible] 175-177 '60.

Production of synthetic lubricants [illegible] glycols and their derivatives. A. I. [illegible] nozhukov. Trudy MNI no. 20. 354-3[illegible]

Using tagged atoms for determining the [illegible] additives in lubricants. A. G. Khanlar[illegible] Azerb. neft. khoz. 38 no. 11:36-39 N [illegible]

LUBNY DISTRICT—PUBLIC HEALTH

Answering our readers' questions. [illegible] 97-100 Ja '60.

LUCRETIUS CARUS, TITUS

Atheistic views of Lucretius. M. M. Kublanov. Ezhegod. Muz. ist. rel. i ateiz. 3:377-398 '59.

Lucretius' atheism. A. D. Makovel'skii. Ezhegod. Muz. ist. rel. i ateiz. 3:372-376 '59.

LUGANSK—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Lugansk Bakery No. 1 introduces new equipment. IA. M. Tikhonov. Khleb. i kond. prom. 4 no. 2:30-32 F '60.

LUGANSK—DIESEL LOCOMOTIVES

Mechanized assembly and welding line for the main frames of the TE3 diesel locomotives. N. G. McPal'skii, I. I. Sanin. Biul. tekh.-ekon. inform. no. 1:69-77 '60.

LUGANSK—EMPLOYEES, TRAINING OF

Happiness of your generation. I. Marchenko. Znan. ta pratsia no. 2:P 11 F '60.

LUGANSK PROVINCE—COAL MINES AND MINING

Accelerating stoping operations in mines of the "Luganskugol'" Combine. V. B. Sivyi. Izv. vys. ucheb. zav.; gor. zhur. no. 4:76 '59.

Basic directions in the over-all mechanization and automatization of industrial processes in the coal mining industry of the Lugansk Economic Region. A. S. Ivanchenko. Ugol' 35 no. 1:1-11 Ja '60.

Remote control in mines of the Lugansk Economic Region. M. A. Gol'din, N. G. Plindichov. Ugol' 35 no. 1:11-16 Ja '60.

LUGANSK PROVINCE—ELECTRICITY IN MINING

Remote control of central underground substations in coal mines. I. P. Komarov. Ugol' 35 no. 1:29-40 Ja '60.

Remote control of the main surface substation of the mine. N. S. Petunin. Ugol' 35 no. 1:40-43 Ja '60.

LUGANSK PROVINCE—MINE COMMUNICATIONS

Special types of mine communications. L. I. Antakhov. Ugol' 35 no. 1:33-34 Ja '60.

LUGANSK PROVINCE—MINE HOISTING

Hydraulic hoisting system with an AZV-1 loading machine in the No. 1 "XIX Partsiezd" Mine of the Leningugol' Trust. A. S. Iazbinskii and others. Ugol' 35 no. 1:35-38 Ja '60.

Remote control of cage hoisting. P. P. Lavrenenko. Ugol' 35 no. 1:20-23 Ja '60.

LUGANSK PROVINCE—MINE PUMPS

Remote control of main drain pumps. P. M. Eldman. Ugol' 35 no. 1:23-28 Ja '60.

LUGANSK PROVINCE—MINE RAILROADS—CARS

Experimental automatization of the exchange of mine cars on the surface of No. 1 "XIX Partsiezd" Mine of the Leningugol' Trust. S. I. Vol'dman. Ugol' 35 no. 1:16-18 Ja '60.

LUGANSK PROVINCE—POPLAR

Growing poplars in river flood lands. A. I. Simonenko. Les. khoz. 13 no. 2:61-70 F '60.

LUGANSK PROVINCE—RODENTIA

Effect of agricultural practices on the sex ratio and fecundity in some murine rodents occurring in fields of Lugansk Province [with summary in English]. I. I. Sakhno. Zool. zhur. 38 no. 12:1856-1868 D '59.

LUKACS, GYORGY, SZEGEDI, 1885-

Chernyshevskii in Lukacs' evaluation. N. Ritikov. Vop. lit. 4 no. 1:112-125 Ja '60.

LUKIN, ALEKSANDR LUKICH, 1882-1959

A. L. Lukin; obituary. A. Iessen. Sov. arkheol. 4 no. 1:322 '60.

LUKOV, LEONID DAVYDOVICH, 1909-

Leonid Lukov's theme. G. Kremlev. Isk. kino no. 2:60-69 F '60.

LUMBER—DRYING

Device for drying lumber in compressed piles. V. N. Semenov. Der. prom. 8 no. 12:21-22 D '59.

LUMBER—TRANSPORTATION

Introduce diesel electric locomotives in lumber transportation. N. I. Saloch. Les. prom. 38 no. 1:6-8 Ja '60.

Mechanized loading of short lumber into covered cars. G. B. Korobov and others. Les. prom. 38 no. 1:4-6 Ja '60.

Potentialities for a better routing of lumber shipments. P. A. Kovrov. Zhel. dor. transp. 42 no. 2:41-44 F '60.

LUMBERING

(see also subdivision under Vologda Province, White Russia)

Automation of lumber loading points. D. K. Voevoda. Mekh. i avtom. proizv. 14 no. 2:29-31 F '60.

Improve the wage system in lumbering. Les. prom. 38 no. 1:29-30 Ja '60.

Items from technical journals. Les. prom. 38 no. 1: insert Ja '60.

Lumbering industry in the second year of the seven-year plan. V. A. Galas'ev. Les. prom. 38 no. 1:1-3 Ja '60.

Permanent logging enterprises are necessary in heavily wooded areas. N. P. Anuchin. Les. prom. 38 no. 1:27-28 Ja '60.

LUMBERING—BIBLIOGRAPHY see Bibliography—Lumbering

LUMBERING—EQUIPMENT AND SUPPLIES

Bel'skii, I. R. [Electrical equipment for lumbering enterprises] Elektrooborudovanie lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1960. 406 p.

LUMBERING—MACHINERY

(see also subdivision under Kirov Province)

Efficient electric winches are needed. I. R. Bel'skii, M. M. Vakhrushev. Les. prom. 38 no. 1:20-21 Ja '60.

Skidding winch with turbotransmission. P. A. Degermendzhi. Les. prom. 38 no. 1:21-23 Ja '60.

Take working conditions into consideration. S. Orekhkin. Les. prom. 38 no. 1:21 Ja '60.

LUMBERYARDS

"Handbook on consolidated rated cost indexes of and expenses for buildings and structures of the lumber industry." Biul. stroi. tekh. 17 no. 2:11 F '60.

LUMINESCENCE

Angular distribution of resonance luminescence of vapors. P. A. Apanasevich, G. S. Kruglik. Izv. AN SSSR. Ser. fiz. 24 no. 5:525-528 My '60.

Characteristics of thermal radiation. V. A. Sokolov. Izv. LPI no. 80:71-75 '59.

Chemiluminescence of chlorophyll in photochemical reactions. I. I. Litvin, IU. A. Vladimirov, A. A. Krasnovskii. Usp. fiz. nauk 71 no. 1:149-156 My '60.

Computing the probabilities of electron-oscillating transitions for an anharmonic oscillator. K. K. Rebane, O. I. Sild. Izv. AN SSSR. Ser. fiz. 24 no. 5:539-544 My '60.

Effect of β irradiation on the photoluminescence of molecular crystals. Sh. D. Khan-Magometova, N. D. Zhevandrov, V. I. Gribkov. Izv. AN SSSR. Ser. fiz. 24 no. 5:501-506 My '60.

Internal conversion from the fluorescent to the phosphorescent level in naphthalene derivatives. V. L. Ermolaev, I. P. Kotlian, K. K. Svitashev. Izv. AN SSSR. Ser. fiz. 24 no. 5:493-495 My '60.

Luminescence of a substance with arbitrary absorption and emission bands in volumes of finite dimensions. A. M. Samson. Izv. AN SSSR. Ser. fiz. 24 no. 5:496-501 My '60.

Nature of stimulated luminescence in KCl crystals. N. D. Kalabukhov. Izv. AN SSSR. Ser. fiz. 24 no. 5:229-231 My '60.

Nonlinear optical phenomena in a system of particles with three energy levels. B. I. Stepanov, V. P. Gribkovskii. Izv. AN SSSR. Ser. fiz. 24 no. 5:534-538 My '60.

Photoelectric instrument for luminescence determinations [with summary in English]. I. A. Bogomaz, S. I. Kirichenko, L. G. Sokolova. Zhur. fiz. khim. 34 no. 1:182-183 Ja '60.

Role of defects in the process of exciton luminescence of molecular crystals. V. M. Agranovich. Usp. fiz. nauk 71 no. 1:141-150 My '60.

LUMINESCENCE—CONGRESSES

Eighth All-Union conference on luminescence. N. A. Borisevich, M. A. El'iashevich, B. I. Stepanov. Usp. fiz. nauk 71 no. 1:171-176 My '60.

Eighth conference on molecular luminescence and luminescent analysis. D. P. Shcherbov. Zav. lab. 26 no. 2:251 '60.

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

Lunacharskii; from recollections. Kornei Chukovskii. Novyi mir 35 no. 11:220-235 N '59.

LUNAR ECLIPSES see Eclipses, Lunar

LUNAR PROBES

Discovery of the universe continues. Vokrug sveta no. 2:26-27 F '60.

Flight of "Lunnik" is tracked. Bernard Lowell. Ogonek 18 no. 2:21 Ja '60.

"First photographs of the other side of the moon." Reviewed by A. Lavin. Sov. foto 20 no. 1:32 Ja '60.

The greatest contribution to space research. Obshcheobr. shkola vzrosl. no. 6:7-9 N-D '59.

Magnetic measurements with the second cosmic rocket. S. Sh. Dolginov and others. Isk. sput. Zem. no. 5:16-23 '60.

Measurement of radiation during the flight of the second cosmic rocket. S. N. Vernov and others. Isk. sput. Zem. no. 5:24-29 '60.

Orbits of cosmic rockets to the moon. L. I. Sedov. Isk. sput. Zem. no. 5:3-15 '60.

Our rockets fly toward the moon. K. P. Staniukovych. Znan. ta pratsia no. 1:10-11 Ja '60.

Results of investigating meteoric matter with instruments mounted in cosmic rockets. T. N. Nazarova. Isk. sput. Zem. no. 5:36-40 '60.

Studying cosmic rays during the flight of the second cosmic rocket to the moon. L. V. Kurnosova and others. Isk. sput. Zem. no. 5:30-37 '60.

Teletransmission from outer space. V. Bazykin. Kryl. rod. 11 no. 1:10-11 Ja '60.

Terrestrial magnetism and the space rocket. IU. D. Kalinin. Kul't. i zhizn' 4 no. 1:30-33 '60.

[Unparalleled scientific achievement, materials of "Pravda" on three Soviet cosmic rockets] Besprimernyi nauchnyi podvig, materialy gazety "Pravda" o trekh sovetskikh kosmicheskikh raketakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 202 p.

LUNGS

Dynamics of changes in the main argentophilic fibers of the lungs following a mechanical craniocerebral injury. V. M. Maslov. Sud.-med. ekspert. 3 no. 1:13-16 Ja-Mr '60.

On a unified nomenclature for the bronchial and vascular systems of the lungs [with summary in English]. L. S. Rozenshtraukh, IU. N. Sokolov, V. IA. Fridkin. Vest. rent. i rad. 34 no. 6:3-11 N-D '59.

Structure of the lung and the nomenclature of its segments [with summary in English]. K. V. Pomel'tsov. Vest. rent. i rad. 34 no. 6:11-19 N-D '59.

LUNGS—BLOOD SUPPLY

Macro- and micromorphology of the lung and its blood system in dogs. T. A. Gibradze. Soob. AN Gruz. SSR 24 no. 4:477-484 O '59.

LUNGS—CANCER

(see also subdivision under Kazakhstan)

Timely diagnosis of lung cancer. B. A. Bondarenko, B. E. Gluzburg. Sov. med. 24 no. 1:42-46 Ja '60.

LUNGS—COLLAPSE

Diagnosis of so-called secondary atelectasis of the lungs in the examination of the corpses of newborn infants. L. IA. Trakhtenberg. Sud.-med. ekspert. 2 no. 4:19-21 O-D '59.

LUNGS—DISEASES

Analysis of clinical records for a five-year period in relation to treatment of suppurative pulmonary diseases. R. B. Satpaeva. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:76-80 '59.

Morphology of the compensatory-adaptive reactions in some pulmonary diseases. S. F. Serov. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:35-37 '59.

LUNGS—DUST DISEASES

Legal advice. Sov. prof. no. 1:72 Ja '60.

Pathomorphology of various stages of occupational silicosis. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:107-123 '59.

LUNGS—FOREIGN BODIES

Foreign bodies in the lungs at late periods after gunshot wounds. A. IA. Kaplan. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:81-85 '59.

LUNGS—HYDATIDS

Clinical aspects of pulmonary echinococcosis. B. S. Babnakov. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:86-93 '59.

Late results of surgery in pulmonary echinococcosis. N. R. Pak. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:94-98 '59.

LUNGS—INNERVATION

Development of pulmonary innervation in mammals. R. M. Petrova. Vop. morf. perif. nerv. sist. no. 4:91-102 '59.

LUNGS—RADIOGRAPHY

Pulmonary and cardiac changes in X-ray pictures of patients with systemic lupus erythematosus [with summary in English]. D. A. Spasskaia. Vest. rent. i rad. 34 no. 6:19-24 N-D '59.

Roentgenographic studies of the heart and lungs of divers. [with summary in English]. V. I. Koledinov, T. A. Osipkova, G. I. Markman. Vest. rent. i rad. 34 no. 6:24-29 N-D '59.

LUNGS—SURGERY

Characteristics of changes in the cardiovascular system and the blood following experimental total or partial removal of the lungs [with summary in English]. L. P. Cherkas'kyi. Fiziol. zhur. [Ukr.] 6 no. 1:70-80 J-F '60.

Complex surgical treatment of pulmonary tuberculosis at the mountain sanatorium "Kamenskoe Plato." A. A. Terlikbaev. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:59-64 '59.

Ligation of the vessels of the radix pulmonis in the pericardiac cavity in pneumonectomy. I. Z. Sigal. Kaz. med. zhur. 40 no. 6:69-71 N-D '59.

Single-stage myoplasty of supralobar caverns from an axillary approach. IA. E. Kimiagarov. Zdrav. Tadzh. 7 no. 1:25-28 Ja-F '60.

Surgery in pulmonary tuberculosis. G. K. Tkachenko. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:57-62 '59.

LUNGS—TUMORS

Hamartoma of the lung. F. S. Golubtsov. Zdrav. Turk. 3 no. 6:30-31 N-D '59.

LUNGS—WOUNDS AND INJURIES

Rupture of the esophagus and lung by a jet of compressed gas. K. V. Avgust. Sud.-med. ekspert. 2 no. 4:53 O-D '59.

LUNIN, NIKOLAI IVANOVICH, 1853-1937
N. I. Lunin an initiator in the theory of vitamins; on 80th anniversary of a remarkable discovery. E. D. Zabludovskaia Fel'd. i akush. 25 no. 2:44-49 F '60.

LUNINETS—HOTELS, TAVERNS, ETC.
Broad smile. A. Lazouskaia. Rab. i sial. 36 no. 1:11 Ja '60.

LUPUS
Pulmonary and cardiac changes in X-ray pictures of patients with systemic lupus erythematosus [with summary in English]. P. A. Spasskaia Vest. rent. i rad 34 no 6:19-24 N-D '59

LUSTIG, ARNOŠT
Arnošt Lustig's books ("Diamonds of the night" [in Czech] by Arnost Lustig. Reviewed by Jiri Zuzanek). Inostr. lit no. 12:260 D '59.

LUTETIUM FERRATE
Superhigh-frequency properties of yttrium and lutetium ferrites with structures of the garnet type A G Gurevich, I. E. Gubler, A. P Safant'evskii Fiz tver tela 1 no. 12 1862-1865 D '59

LUTSK DISTRICT—COLLECTIVE FARMS
Completing the seven-year plan in 4 years M S Morozluka. Kolh Ukr 7 no 2 25-26 F '60

LUVSAN, SONOMYN, 1912-
People and events: Sonomyn Luvsan, Kojo Boisio Nov. vrem 18 no 22 9 My '60

L'VOV, MIKHAIL
Faithfulness to the period ("Verse" by Mikhail L'vov. Reviewed by L Lazarev) Znamia 30 no 3:219-221 Mr '60

LVOV—AERONAUTICS
One hundred and seventy hours of gliding and soaring. V. Leshchenko. Kryl. rod. 11 no. 1:6-7 Ja '60.

LVOV—AIR—BACTERIOLOGY
Hemolytic cocci in the air of the city of Lvov [with summary in English]. IA. G Kishko. Zhur mikrobiol. epid i immun. 30 no. 12 37-39 D '59.

Influence of natural ultraviolet radiation on the bacterial aeroplankton of the air [with summary in English]. IA. G Kishko. Gig. i san 25 no. 1:11-15 Ja '60.

LVOV—ANATOMY—STUDY AND TEACHING
The Department of Normal Anatomy at the Lvov Medical Institute. V. V. Stenyk. Arkh. anat. gist. i embr. 37 no. 12:100-103 D '59.

LVOV—BOOTS AND SHOES
A wholesale base supplies cities and villages. P. Korolev. Sov. torg 33 no. 2 35-38 F '60.

LVOV—CLIMATE
Mobile observation crews in making hygienic study of the climate of a large city I. I. Gitis. Gig. i san. 25 no. 1:87-89 Ja '60.

LVOV—COOKERY (CEREALS)
In one hour instead of six hours. K. Cherkass. Obshchestv. pit. no. 1:20 Ja '60.

LVOV—HISTORY
Sources of the growth of the Lvov population in the 17th and 18th centuries. IA. P. Kis'. Ukr. ist. zhur. 4 no. 1:71-81 Ja-F '60.

LVOV—MONUMENTS
The monuments of Lvov. Sots. kul't. 13 no. 1:45 Ja '60.

LVOV—MUSIC
Work of the composers of Lvov A. Kos-Anatol's'kyi. Mystetstvo 6 no 4:28-29 Jl-Ag '59.

LVOV—PHARMACEUTICAL SOCIETIES
Seventh Conference of the Lvov Province Pharmaceutical Society. I. R. Gnidets, I. R. M. Miniazhko. Med. prom. 14 no. 1 64 Ja '60.

LVOV—TELEVISION—RECEIVERS AND RECEPTION
Television sets manufactures by the Lvov Television Factory Tekh. kino i telev. 4 no 1:48-50 Ja '60

LVOV—TRACK CONSTRUCTION (ATHLETICS)
First in the nation D. Obbarius. Leg. atl. no. 12:9 D '59

LVOV ECONOMIC REGION—MACHINERY INDUSTRY
Potential means for increasing labor productivity in the machinery industry of the Lvov Economic Region. P. Malakanov, V Mykhailov. Ekon Rad. Ukr. no. 6:70-77 N-D '59.

LVOV PROVINCE—EDUCATION, PRESCHOOL
Meeting and education conferences of the personnel of institutions for Lvov Province preschool children. L. Rubashkina, N. IArysheva. Doshk. vykh. 21 no. 2:45-46 F '60.

LVOV PROVINCE—PUBLIC HEALTH
Development of the public health system in Lvov Province during twenty years of Soviet power. V. D. Danileichenko Vrach. delo no. 12 1311-1313 D '59.

LVOV-VOLYN' BASIN—MINE TIMBERING
Lining of shaft bottom workings in the Novovolyn'sk mines M E. Tikhonov Ugol' Ukr 4 no 1 13-15 Ja '60

LVOV-VOLYN' BASIN—MOTORBUS LINES
Motorbus transportation in districts of the mining industry I Slivak Avt transp 38 no 1 14-15 Ja '60

LYAKHOVICHI DISTRICT (BREST PROVINCE—PUBLIC HEALTH, RURAL
Work of the feldsher-midwife center. N. P. Tokarchik. Zdrav Belor 6 no 3 17-19 Mr '60

LYMPH
Biophisical properties of human skin. Changes in skin elasticity and lymph circulation following mud treatments and baths. V. V Efimov, N. M. Ol'shanskaia. Vop. kur., fizioter i lech fiz kul't. 25 no. 1:57-62 '60

LYMPHATICS
Connections of the lymphatic system of the abdominal wall and the organs of the abdominal cavity. A. A. Chevlytko. Zdrav. Belor. 5 no. 1:18-21 Ja '60.

LYMPHATICS—TUBERCULOSIS
Some peculiarities in the pathogenesis and clinical aspects of tuberculous lymphadenitis with an external and mesenterial localization [in Azerbaijani with Russian summary]. I. S. Ginzburg, A. B. Nasirov. Azerb. med. zhur. no. 2:14-18 F '60.

LYMPHOID TISSUE
Role of lymphoid organs in antibody formation [with summary in English]. V. I. Goncharova. Biul. eksp biol. i med 48 no 12:85-88 D '59

LYSZCZYNSKI, KAZIMIERZ, 1634-1689
Kazimierz Lyszczynski, a victim of religious fanaticism. B IA. Ramm. Ezhegod. Muz. ist. rel. i ateiz. 3:173-198 '59.

LYUBAN' DISTRICT (MINSK PROVINCE)—REPAIR AND SUPPLY STATIONS
Skillful machinery operators V. Khlimanov Sel' mekh no 1 15 '60

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY—ACCOUNTING
Accounting organization in the Lyubertsy Plant V. Gubenko. Bukhg uchet 17 no. 1 14-21 Ja '60.

LYUBERTSY—CITY PLANNING
Transformation of the village of Lyubartsy I. Trudov. Sil' bud. 10 no. 2 4-6 F '60.

LYUBERTSY—INDUSTRIAL HYGIENE
Industrial calisthenics at the Ukhtomsk Agricultural Machinery Plant in Lyuberetsy A. A. Volkov. Teor. i prak. fiz kul'. 23 no. 1:44-45 '60.

LYUBERTSY DISTRICT—COMMUNITY CENTERS
New house of culture and its plans. IA. Presman. Kul't.-pros. rab. 21 no 1:32-35 Ja '60

LYUBLINO—RAILROADS—CARS
Mechanization and automation of operations at the Lyublino car repair shops. A N Sakharov, B. G. Pogorelyi Zhel dor transp 42 no 2 70-73 F '60

MACARONI
(see also subdivision under Kishinev, Moscow, Odessa)

Effect of matrix material and of its finishing on the extrusion of macaroni dough. IU. A. Machikhin. Izv. vys. ucheb. zav., pishch. tekh. no. 6:106-111 '59.

Influence of temperature on the relaxation of stresses in macaroni dough IU. A. Machikhin. Khleb. i kond. prom. 4 no. 1:23-24 Ja '60.

Main parameters of the extrusion process in the manufacture of macaroni dough. IU. A. Machikhin. Khleb. i kond. prom. 4 no. 2 18-20 F '60.

Use of plastics in manufacturing macaroni matrices. V. P Kalugina. Khleb. i kond. prom 4 no 2:20-22 F '60.

MACHINE ACCOUNTING
(see also subdivision under Kharkov; Kiev Economic region)

Accounting and its mechanization. Bukhg. uchet 17 no. 1:62-64 Ja '60

"Accounting in the coal industry" by V. Ogurtsov, "Accounting for the production and sale of products in the coal industry" by K. Demin, "Machine accounting in the coal industry" by N. Tverdokhleb. Reviewed by O. Bro. Bukhg. uchet 17 no. 3 66-69 Mr '60.

Balance sheet method of accounting for materials using keyboard calculating machines. A Gorodiskii Bukhg. uchet 17 no 1:52-56 Ja '60

Branch machine accounting service centers. M. Tukachinskii. Biul. nauch. inform.: trud i zar. plata no. 11:34-36 '59.

For further improvement in the development of machine accounting. Bukhg uchet 17 no. 3 1-4 Mr '60.

Improving accounting and its mechanization. F. Kovalev. Bukhg. uchet 17 no 3:55-58 Mr '60

S. I. Medvedev. Zhel. dor. transp. 42 no. 1 23-27 Ja '60.

Mechanization of analytical accounting in the accounting department. A. Bespamiatnov. Bukhg. uchet 15 no. 12: 42-46 D '59.

Mechanization of the accounting for labor and wages on state farms. N. Nikiforova. Bukhg. uchet 16 no 12: 29-34 D '59.

"Planning machine accounting" by V. I. [illegible], M. A. Korolev. Reviewed by E. Starosel'skii, D. TS[illegible]

Practice of model accounting organization at enterprises of the Kharkov Economic Council V. Gri[illegible] Bukhg uchet 17 no. 2:12-14 F '60

Problems in machine accounting. B. Shakhnovskii. Sov. knizh. torg. 12 no. 1:33-34 Ja '60.

Standard personnel of machine accounting service centers. N. Kurliukov. Bukhg uchet 17 no 2 44-45 F '60.

MACHINE-SHOP PRACTICE
Devices for removing tightly fastened and press-fitted parts. Mod. metallorezh. stan. no. 5:46-53 '59.

Device for straightening deformed parts. Mod. metallorezh. stan. no. 5:54-58 '59.

Heating steel billets in salt baths for stamping N F Viaznikov, V. G Khoroshailov, A N Popan[illegible] Vest mash 40 no 2:71-72 F '60.

Manufacturing knurls. Z S. Nozik, M M Rot[illegible] Stan i instr 31 no 2 44 F '60

Repeated use of kerosene for washing parts. Mod. metallorezh. stan. no. 5:62-64 '59.

Tools for pressing out pins and dowels. Mod. metallorezh. stan. no. 5:54 '59.

MACHINE-SHOP PRACTICE—ACCOUNTING
Accounting for multipurpose attachments with interchangeable parts in machinery manufacturing enterprises Bukhg uchet 17 no 2:26-31 F '60

MACHINE-SHOP PRACTICE—PRODUCTION STANDARDS
Computing work norms for operating machinery with the aid of mathematics. F. Borodkin, IU. Maksim[illegible] Biul. nauch. inform.: trud i zar. plata no. 11 70-74 '59

MACHINE-SHOP PRACTICE—TECHNOLOGICAL INNOVATIONS
Volosatov, V. A., A. I. Vydrin, and M. Z. Gur[illegible]. [Complex plan for every worker] Kompleksnyi plan na kazhdoe rabochee mesto. [Leningrad] Lenizdat, 1959. 161 p. (Opyt novatorov leningradskoi promyshlennosti)

MACHINE SHOPS
Korzhev, I. D. [Equipment for machine shops in schools for grades 5 to 7] Oborudovanie uchebnykh masterskikh v shkole, 5-7 klassy. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 174 p.
(CU)

MACHINE-TOOL INDUSTRY see subdivision under China, Hungary

MACHINE TOOLS
Arrangement of automatic machine-tool lines V N Skrynnik. Mekh i avtom. proizv 14 no 1 9-13 Ja '60

Effect of the kinematics and design of the drive on characteristics of transition processes of machine tools IU. M. Andrushovich. Stan. i instr. 31 no 1 [illegible] Ja '60.

Electronic control of machine tools. Izv. vys. ucheb. zav.; mashinostr. no. 6:195-196 '59.

Fedotenok, A. A. [Kinematic couplings in machine tools] Kinematicheskie sviazi v metallorezhushchikh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 208 p.

Kucher, A. M., and M. M. Kivatitskii. [Metal-cutting machine tools; brief description of kinematic systems. Supplement to posters Set No. 3: Planing, broaching, grinding, and gear-cutting machines] Metallorezhushchie stanki; kratkoe opisanie kinematicheskikh skhem. Prilozhenie k plakatam Seriia III: Strogal'nye protiazhnye, shlifoval'nye i zubobrabatyvaiushchie stanki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 46 p.

——— [Set of posters: "Kinematic systems of metal-cutting machine tools." 13 drawings] Seriia plakatov: "Kinematicheskie skhemy metallorezhushchikh stankov." 13 diagrs.

List of machine-tool types for which spare-part albums have been published jointly by the Experimental Scientific Research Institute for Machine Tools and the machinery industry. Mod. metallorezh. stan. no 5 [illegible]

New machine tools. Stan i instr. 31 no 2 45-46 F '60

New machine tools and instruments. Stan. i instr. 31 no. 1:42-43 Ja '60.

Riabko, Kh. G., and others. [Small machine-tool units; manufacture and operation] Malye agregatnye stanki; proizvodstvo i ekspluatatsiia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 169 p.

The SPA automatic netting machine. I. S. Krichever, A. E. Konogrei. Biul. tekh.-ekon. inform. no. 1:39-40 '60.

MACHINE TOOLS—ATTACHMENTS

Attachment for slotting guide grooves in cylindrical parts without marking. Mod. metallorezh. stan. no.12:13-15 '59

Attachments for cutting lubrication grooves in bushes. Mod. metallorezh. stan. no.8:37-41 '59.

Automatic attachments to centering machines. Mod. metallorezh. stan. no.11:47-48 '59

Calculating the precision of machine tool attachments. A.M.Z.Valitov. Izv. vys. ucheb. zav.; prib. 2 no.5: 132-137 '59

Experience in using multipurpose attachments with interchangeable parts. N.P.Chernykh. Trudy VNIIRMASH no.1:100-103 '59.

Mechanisms for eliminating gaps in elements of machine-tool table drives. A.I.Mukhaev. Stan. i instr. 31 no.1:35 Ja '60.

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—CONSTRUCTION

IAkobson, M.O. [Technology of machine-tool manufacture] Tekhnologiia stankostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 547 p.

MACHINE TOOLS—DESIGN

Albums of spare parts. Mod. metallorezh. stan. no.8: 71-73 '59.

Standard plans for the modernization of machine tools (to be continued). Mod. metallorezh. stan. no.7:20-40 '59

MACHINE TOOLS—ELECTRIC DRIVING

Magnetostrictive drive for small feeds. I.S.[illegible], O.I.Blokh, V.S.Shergin. Stan. i instr. 31 no.1:18-20 Ja '60

MACHINE TOOLS—MAINTENANCE AND REPAIR

List of technical specifications for repairs of metal-cutting equipment developed by the All-Union Design and Planning Technological Institute of the [illegible] Economic Council. Mod. metallorezh. stan. no.7:68-70 '59

Machining bed guides during repairs. I.D.Franklin. Mod. metallorezh. stan. no.5:4 '59

Technical specifications for repairs and reconditioning of machine tools developed by the Central Design Bureau of the Moscow City Economic Council. Mod. metallorezh. stan. no.6:65-66 '59.

MACHINE TOOLS—NUMERICAL CONTROL

Experience in operating program-controlled machine tools under working conditions. [illegible] mashinostr. no.5:[illegible] '59.

Preparing a program for numerically controlled machine tools. V.P.[illegible], P.[illegible]. Stan. i instr. 31 no.[illegible] '60

Using a regular magnetophone in automatic control of machine tools. Izv. vys. ucheb. zav.; [illegible] 101-105 '59

MACHINE TOOLS—STANDARDS

List of inch standards for machine tools and basic materials, established by the Experimental Scientific Research Institute for the Machine Tool Industry. Stan. i instr. 31 no.1:40-41 Ja '60

List of state All-Union standards for basic dimensions and precision norms for machine tools. Stan. i instr. 31 no.1:38-39 Ja '60

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Standard plans for the modernization of machine tools developed by machinery plants and the Central Design Bureau of the Machinery Department of the Moscow City Economic Council (continued). Mod. metallorezh. stan. no.8:30-31 '59

Standard plans for the modernization of foreign-made machine tools developed by the Central Design Bureau of the Machinery Department of the Moscow City Economic Council (to be continued). Mod. metallorezh. stan. no.6:11-15 '59

Standard plans for the modernization of machine tools developed by the Central Design Bureau of the Machinery Department of the Moscow City Economic Council (continued). M.O.Pevzner. Mod. metallorezh. stan. no.10:33-37 '59.

Standard plans for the modernization of machine tools developed by the Central Design Bureau of the Machinery Department of the Moscow City Economic Council. Mod. metallorezh. stan. [illegible] '59

MACHINE-TRACTOR STATIONS

Dispatching in agriculture. [illegible]

New phase in the development of the collective-farm system. A.IA.[illegible] [illegible] 5-8 Ap '59

Using precast reinforced concrete girders in building machine-tractor stations. A.I.[illegible]. Sel'.stroi. 12 no.12:10-11 D '57

MACHINE-TRACTOR STATIONS—COSTS see subdivision under Czechoslovakia

MACHINERY

(see also subdivision under [illegible])

Machinery, definition, classification, and arrangement to historical periods. I.IA.Konfederatov. Vop. ist. est. i tekh. no.8:82-91 '59.

Selecting the type of drive for machinery. Izv. TPI 101: 77-82 '58

MACHINERY—CONSTRUCTION

[Machine building; abstracts nos. 48781-60316.] Referativnyi zhurnal: Mashinostroenie nos.10-11 My-Je '60

MACHINERY—DESIGN

A machinery designer. V.Likhontov. Ukraina no.9:16 [illegible] '60

MACHINERY—ERECTING WORK

Geodetic measurements in installing the Brookhaven synchrotron (U.S.A.) M.S.Cheremisin. Geod. i kart. no.12:59-63 D '59.

MACHINERY—FOUNDATIONS

Correct designing of foundations is a means for economizing government funds. N.[illegible]. Ekon. stroi. no.1:66-67 Ja '60.

MACHINERY—MAINTENANCE AND REPAIR see subdivision under Mankent

MACHINERY—WELDING

Progressive method of reconditioning worn parts. Mor. flot 20 no.1:32 Ja '60

MACHINERY, KINEMATICS OF

Determining sets of ordinary and planetary elementary coaxial mechanisms fulfilling a given kinematic condition. IA.IU.[illegible]. Izv. vys. ucheb. zav.; mashinostr. no.6:14-21 '59

Effect of the kinematic and design of the drive on characteristics of transition processes of machine tools. IU.M.Andrushevich. Stan. i instr. 31 no.1:10-13 Ja '60

Fedotenok, A.A. [Kinematic couplings in machine tools] Kinematicheskie sviazi v metallorezhushchikh stankakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 298 p.

MACHINERY IN INDUSTRY

Chudin, A.P., and S.A.Prokopenko. [Modernization of metal-cutting machines used in mass production] Modernizatsiia metallorezhushchikh stankov v massovom proizvodstve. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1959. 31 p.

The scientific approach in solving problems of industrial [illegible]

MACHINERY INDUSTRY

(see also subdivision under Czechoslovakia; Izhevsk, Kazakhstan, Kramatorsk, Krasnoyarsk, Lvov Economic region, Moscow, Novosibirsk, Serdobsk, United States, Ural Mountain region, Vologda Province, White Russia)

Fel'dfender, I.G. [Precision in the manufacture of machines] Voprosy tochnosti proizvodstva mashin. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1959. 291 p.

Gusel'tsev, M.V., and A.T.Zasukhin. [Efficiency of the specialization and cooperation in the machinery industry] Effektivnost' spetsializatsii i kooperirovaniia v mashinostroenii. Moskva, Gosplanizdat, 1960. 294 p.

In the State Committee on Automation and Machinery Manufacture, attached to the Council of Ministers of the U.S.S.R. [illegible] 11 no.[illegible]:57 [illegible] '60.

Il'in, I.G., and V.P.Prela. [Plastics and their use in the machinery industry] Plastmassy i ikh ispol'zovanie v mashinostroenii. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 108 p.

Komarenko, V.V. [Basic trends in the development of advanced equipment and technological processes in the manufacture of machines] Osnovnye napravleniia razvitiia peredovoi tekhniki i tekhnologii v mashinostroenii. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 1959. 133 p.

Makarov, I.A. [Accelerated technical preparation of production; experience of machinery plants] Uskorennaia tekhnicheskaia podgotovka proizvodstva; iz opyta raboty mashinostroitel'nykh zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 70 p.

New movement. M.Roshchin. Znamia 30 no.2:188-190 F '60.

Soiuz rabochikh mashinostroeniia. TSentral'nyi komitet. [General safety and sanitation regulations for enterprises and organizations of the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958, and coordinated with the Main State Inspection of the U.S.S.R. on September 27, 1958] Obshchie pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii dlia predpriiatii i organizatsii mashinostroeniia. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Soglasovany s Glavnoi Gosudarstvennoi Inspektsiei SSSR 27 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 57 p.

Soiuz rabochikh mashinostroeniia. TSentral'nyi komitet. Safety and sanitation regulations for operating high-frequency units in the machinery industry, approved by the Presidium of the Central Committee of the Trade Union of Machinery Industry Workers on September 29, 1958] Pravila po tekhnike bezopasnosti i proizvodstvennoi sanitarii pri rabote na vysokochastotnykh ustanovkakh v mashinostroitel'noi promyshlennosti. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 29 sentiabria 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 16 p.

MACHINERY INDUSTRY—ACCOUNTING

(see also subdivision under Kharkov; Moscow Province)

Methods of calculation and accounting for production costs at machinery manufacturing enterprises. N.Zarudnyi. Plan. khoz. 37 no.5:50-59 My '60.

MACHINERY INDUSTRY—BIBLIOGRAPHY see Bibliography—Machinery Industry

MACHINERY INDUSTRY—FINANCE

Method of distributing overhead expenses in calculating the economic efficiency of organizational-technical measures in machinery manufacturing plants. V.I.Lazin. Trudy IEAN SSSR. Ser. ekon. no.1, pts.1 and 2:35-42 '59

MACHINERY INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow

MACHINERY INDUSTRY—STATISTICS

Applying correlation analysis in the machinery manufacturing industry. IA.I.Lukomskii. Uch. zap. po stat. 4:141-165 '59.

Statistical method of control over the course of mass production of machinery. IA.P.Gerchuk. Uch. zap. po stat. 4:332-357 '59.

MACHTET, GRIGORII ALEKSANDROVICH, 1852-1901

A great friend of the Ukraine. Mikola Oleinik. Sov. Ukr. 9 no.4:151-158 Ap '59.

MACROMOLECULAR COMPOUNDS

Electron microscope study of structures arising during interaction between polyelectrolyte macromolecules [with summary in English] N.F.Bakeev, V.S. Pshezhetskii, V.A.Kargin. Vysokom. soed. 1 no.12: 1812-1816 D '59

Great polymers. B.Agapov. Tekh. mol. 28 no.1:2-6 '60

International symposium on macromolecular chemistry and plastics exhibition in the Federal Republic of Germany. V.A.Kargin and others. Vest. AN SSSR 30 no.5: 69-74 My '60.

Saldadze, K.M., A.B.Pashkov, and V.S.Titov. [Ion exchanging high molecular weight compounds] Ionoobmennye vysokomolekuliarnye soedineniia. Pod red. K.M.Saldadze. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 355 p.

V.V.Korshak's book "Chemistry and technology of synthetic high molecular weight compounds." Reviewed by G.L.Slonimskii. Vysokom. soed. 2 no.1:175-176 Ja '60

Volume effects and shape asymmetry of macromolecular chains in solution [with summary in English] V.N. Tsvetkov, S.IA.Liubina. Vysokom. soed. 2 no.1:75-81 Ja '60

Work of American scientists in the field of high molecular weight compounds. K.A.Andrianov. Vest. AN SSSR 30 no.5:62-67 My '60.

MACROMOLECULAR COMPOUNDS—CONGRESSES

Eleventh All-Union Congress on High Molecular Weight Compounds. N.F.Bakeev. Vysokom. soed. 1 no.12: 1877-1881 D '59.

MADEYSKI, J. Von

Polish metallurgist at the Lugansk Plant in the Donets Basin in the 1830's. V.K.IAtsunskii. Krat. soob. Inst. slav. no.27:41-44 '59.

MAGADAN—RUSSIAN LITERATURE—PERIODICALS

Writers of Bol'shaya Kolyma. M.Svetlakova. Oktiabr' 37 no.1:201-206 Ja '60.

MAGADAN PROVINCE—WALL NEWSPAPERS

They forget about their faithful helper. V.Evseenkov. Agitator no.4:54 '60.

MAGEROV DISTRICT—MOSSES, FOSSIL

Discovery of a sporogonium from a Pottiaceae moss in middle Miocene sediments of Lvov Province [with summary in English]. N.A.Shchekina. Ukr. bot. zhur. 16 no.6:70-74 '59.

MAGMA

Origin of granitic magma. F.N.Shakhov. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no.17:3-8 '56.

MAGNESIUM

Effect of Ca^{++} and Mg^{++} ions on the sodium function of glass electrodes. V.E.Goremykin. Gidrokhim. mat. 29:203-210 '59.

Effect of magnesium on the yield of baker's yeasts. M.E. Baker, M.IA.Putnyin, G.V.Kluna. Khleb. i kond. prom. 3 no.12:35-36 D '59.

Electron resonance study of polymerization in the system acrylonitrile - magnesium, obtained by molecular beam condensation [with summary in English]. V.A.Kabanov and others. Vysokom. soed. 1 no.12:1859-1861 D '59.

MAGNESIUM—ANALYSIS

Hydron II, a new indicator for the complexonometric determination of calcium in the presence of magnesium [with summary in English]. I.S.Mustafin, E.S.Kruchkova. Zhur. anal. khim. 15 no.1:20-23 Ja-F '60.

MAGNESIUM—FOUNDING
Porosity formation in magnesium alloy castings. M. V. Shurov, P. L. Blokov. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2: 145-[illegible] '60.

MAGNESIUM—METALLURGY
Strelets, Kh. L., A. Iu. Taits, and B. S. Gulianitskii. [Magnesium metallurgy] Metallurgiia magniia. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. [illegible] p.

MAGNESIUM ALLOYS—FOUNDING
Adopting the use of ML[illegible] alloys in engine parts. [illegible] Lit. proizv. no. 10: 11-[illegible] '60.

MAGNESIUM ALLOYS—TESTING
Comparative investigation of the heat resistance of MA8 and MA9 magnesium alloys. M. E. Drits and others. Izv. vys. ucheb. zav.; tsvet. met. no. 3: 30-34 '60.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM-ALUMINUM-COPPER ALLOYS see Aluminum-copper-magnesium alloys

MAGNESIUM BORATE
Agricultural and chemical evaluation of precipitated magnesium borate as a boron fertilizer. M. V. Katalymov, V. M. Chuvikova. Khim. prom. [illegible] O-N '59.

MAGNESIUM COMPOUNDS
Problem of synthesizing n-amyl alcohol from ethylene, methylene and n-butylmagnesium iodide. G. V. Medoks, L. E. Ozerskaia. Zhur. ob. khim. 30 no. 5: 1641-1644 My '60.

MAGNESIUM-NICKEL ALLOYS see Nickel-magnesium alloys

MAGNESIUM ORGANIC COMPOUNDS
Exchange of phenyl groups in organomercury and organomagnesium compounds. [illegible] Radiokhimiia 1 no. 6: [illegible]

MAGNESIUM OXIDE
Preparation of metastable solutions of magnesium [illegible] chloride for the production of [illegible]

MAGNESIUM OXYCHLORIDE
Preparation of metastable solutions of magnesium chloride for the production of [illegible]

MAGNESIUM SULFATE
Production of epsomite (natural magnesium sulfate). [illegible] Khim. prom. [illegible]

MAGNESIUM-THORIUM-MANGANESE ALLOYS
Investigating ternary system Mg-Th-Mn alloys. M. E. Drits and others. Izv. vys. ucheb. zav.; tsvet. met. 3 no. 2: [illegible] '60.

MAGNESIUM-YTTRIUM ALLOYS
Alloys of magnesium and yttrium. V. F. Terekhova, I. A. Markova, E. M. Savitskii. Zhur. neorg. khim. 5 no. 1: [illegible] Ja '60.

MAGNET WINDING see Electromagnets

MAGNETIC AMPLIFIERS
Calculation of single-cycle magnetic power amplifiers. A. I. Gavrenko. [Trudy] MVTU no. 82: 85-98 '59.
Effect of the parameters of a block circuit on the operational characteristics of a tubeless d-c amplifier. E. V. Dobrov. [Trudy] MVTU no. 82: 46-[illegible] '59.
Electrical engineering. (Magnetic amplifiers) [illegible] energ. 15 no. 3: [illegible] F '60.
Ferrite ring in place of a vacuum tube. B. Semenov, A. Fedorov. Radio no. 4: [illegible]

MAGNETIC ANOMALIES see subdivision under [illegible] Hills

MAGNETIC FIELDS
Effect of a magnetic field on the intensity of X-ray reflection. L. A. Smirnov. Fiz. tver. tela 1 no. 12: 1853-[illegible] D '59.
Effect of vacuum fluctuations on the polarization of electrons moving in a magnetic field. I. M. Ternov, [illegible] Tumanov. Zhur. eksp. i teor. fiz. 37 no. 4: [illegible] O '59.
Inhomogeneous magnetic fields for focusing a divergent beam of charged particles [with summary in English]. V. B. Saulit, V. A. [illegible] Vest LGU 15 no. 16: [illegible] '60.
Magnetic field in the gap of an induction [illegible] under no-load operating conditions. [illegible] Izv. vys. ucheb. zav.; elektromekh. 3 no. 1: [illegible] '60.

MAGNETIC INSTRUMENTS
Device for the adjustment of the heeling error of ships. S. Gurfil. Mor. flot 20 no. 1: 30-31 Ja '60.
Magnetoelastic instruments to study manifestations of rock pressure. A. T. Topalkarov, T. Sh. Khvashtsiani. Ugol' 35 no. 2: 38-39 F '60.

MAGNETIC INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Magnetic instruments

[illegible]

MALEIC ACID

Interaction of auxin, riboflavin, and maleic hydrazide in plants [with summary in English] K.L. Povolotskaia, IU.A. Buskakov, I.V. Khovanskaia. [illegible] 7 no.1:73-80 '60.

MALIC ACID

Effect of a surface active substance on the enzymatic system oxidizing malic acid in cytoplasmic membranes of Micrococcus lysodeikticus [with summary in English] N.S. Gel'man, I.G. Zhukova, A.I. Oparin. Biokhimiia 24 no.6:1074-1078 N-D '59.

MALIN DISTRICT—LAW—STUDY AND TEACHING

Evening sessions devoted to questions and answers. N. Pan'kivs'ka. Rad. pravo no.1:112 Ja-F '60.

MALT

Changes in the activity of a malt amylase complex under the influence of the temperature and concentration of the medium. V.A. Vitkovskaia, A.G. Zolotnitskii. [illegible] no.8 [illegible] '59.

Correlation between the biochemical indices of malt and the weight ratio of grain to endosperm in a barley grain. V.A. Zemchenko. Trudy VNIIPP no.7:[illegible] '59.

Destruction of the cell walls of barley endosperm by a cytase preparation from Trichothecium roseum [with summary in English]. IA.I.Veselov, L.B.Salmanova. Mikrobiologiia 29 no.1:119-124 Ja-F '60.

Determination of the amylolytic capacity of white active malt. P.G. Zagladin, N.I. Preobrazhenskaia, T.O. Shat kin. Khleb i kond.prom. 4 no.1:9-11 Ja '60.

Determination of the quality of brewer's malt by the Hartong method. S.P. Gaidko, V.I. [illegible]. Trudy VNIIPP no.7:16 '59.

MALYKHINA, FEODORIIA NEFEDOVNA, 1893-

Feodoriia Nefedovna Malykhina. I. IU.Davydov. Med. sestra 19 no.1:16-17 Ja '60.

MAMAKAN HYDROELECTRIC POWER STATION

A distant boundary. V. Cherkasov. Vokrug sveta no.2 [illegible] '60.

MAMMOTH see subdivision under Siberia

MAN, INFLUENCE OF CLIMATE see subdivision under Russia, Northern

MAN, PREHISTORIC

Prereligious period in the history of mankind. [illegible] Nauka i rel. no.[illegible] '59.

MAN, PRIMITIVE

Naive realism of primitive man. A.F. Anisimov Ezhegod. Muz. ist. rel. i ateizma [illegible] '59.

MANDELIC ACID

Quantitative determination of scandium with mandelic acid [with summary in English]. I.P. Alimarin, Shih Han-[illegible]. Zhur. anal. khim. 15 no.1:[illegible] Ja-F '60.

MANGANESE

(see also subdivision under Nikopol')

Amount of manganese and its forms in sierozem ordinary and typical sierozems. K.Kh. Mirzaeva. Izv. AN Uz. SSR no.12:36-41 '59.

Effect of copper and manganese on the [illegible] system of the heart [with summary in English]. V.S. Ruttsen, IA.V. Ganitkevich. Biul. eksp. biol. i med. 48 no.11:81-85 N '59.

Effect of various plants on available forms of manganese in turf Podzolic soils. A.P. Ivanov. Dokl. TSKhA 49 no.1:16-20 Ja-F '60.

Mchedlishvili, V.A., G.A. Chaldanova, and A.M. Samarin [Role of manganese in preventing the harmful effect of sulfur on the quality of steel] Rol' margantsa v ustranenii vrednogo vliianiia sery na kachestvo stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 53 p.

MANGANESE—ANALYSIS

Polarographic determination of manganese in glasses. M.S. Sakharov, A.G. Stromberg, G.G. Rostova. Zav. lab. 26 no.2:151-153 '60.

MANGANESE—ISOTOPES

Separation of radioactive isotopes during irradiation of MnO_2 colloids. A.N. Nesmeianov, B.M. Ermakov, I.S. Sizonov. Radiokhimiia 1 no.6:[illegible] '59.

MANGANESE—PHYSIOLOGICAL EFFECT

Effect of manganese on the development of experimental goiter induced by 6-methylthiouracil [with summary in English]. T.S. Samoilova. Probl. endok. i gorm. 5 no.6:7-10 N-D '59.

Excess of manganese in food and the function of the thyroid gland in iodine insufficiency. N.V. Verzhikovskaia, I.I. Shvaiko. Probl. endok. i gorm. 5 no.5:90-92 S-O '59.

MANGANESE-CHROMIUM ALLOYS see Chromium manganese alloys

MANGANESE-COPPER ALLOYS—CORROSION

Effect of polarization on the corrosive cracking of the alloy in the system Mn - Cu - Ni. V.V. Romanov. Zhur. prikl. khim. 33 no.1:[illegible] Ja '60.

MANGANESE-NICKEL ALLOYS

Temperature dependence of the paramagnetic susceptibility of nickel-magnesium and nickel-manganese ferrites. V.I. Chechernikov. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3:93-99 '59.

MANGANESE-NICKEL ALLOYS—CORROSION

Effect of polarization on the corrosive cracking of the alloy in the system Mn - Cu - Ni. V.V. Romanov. Zhur. prikl. khim. 33 no.1:172-177 Ja '60.

MANGANESE ORES

Pelletizing finely ground manganese concentrates [with summary in English]. N.M. Babushkin, V.A. Shamarin, I.V. Lagovykh. Stal' 20 no.2:97-104 F '60.

MANGANESE ORES—ANALYSIS

Use of artificial radioactivity in prospecting for manganese and copper ores. G.S. Vozzhenikov. Trudy Sverd. gor. inst. no.35:152-161 '59.

MANGYSHLAK PENINSULA—GERBILS

Determining the age of the red-tailed gerbil (Meriones erythrourus Gray) [with summary in English]. R.V. Gindilis. Biul. MOIP. Otd. biol. 64 no.6:23-30 N-D '59.

MANGENT. MACHINERY. MAINTENANCE AND REPAIR

Expansion of creative thought. G. Khlgor. Nar. khoz. Kazakh. [illegible] '60.

MANN, THOMAS, 1875-1955

The intellectual novel of Thomas Mann. V. Dneprov. Vop. lit. no.2:143-166 F '60.

MANOMETER

Diaphragm-type compensating differential manometer. K.I. Didenko. Priborostroenie no.1:9-13 Ja '60.

Piston manometer with undershoot load. I.A. Rogovain, M.S. [illegible]. Izm. tekh. no.1:[illegible] Ja '60.

Remote manometers with a mechanism for transmitting motion to the plunger based on the deformation of elastic links. I.A. [illegible]. Priborostroenie no.2:20-21 F '60.

MANPOWER

Kornetnov, A.D. [Labor supply of the U.S.S.R. and its utilization; on the problem of the economic capacity of the country] Trudovye resursy SSSR i ikh ispol'zovanie; k voprosu ob ekonomicheskoi moshchi strany. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 175 p.

"Planned replacement of the labor force in the U.S.S.R. and the labor balance" by M.IA. Sonin. Reviewed by B. Mirodanchenko. [illegible] 37 no.5: [illegible] My '60.

MANPOWER—STATISTICS

(see also subdivision under Great Britain)

Preparing a labor balance sheet. I.E. Minta. [illegible] 4 [illegible] '59.

MANSFIELD, KATHERINE, 1888-1923

Man is made for happiness ("Stories" by Katherine Mansfield. Reviewed by Z. Mihanto). Inostr. lit. no.12: 261-262 D '59.

MANUAL TRAINING

Development of technical creativeness in work classes. P.A. Shvandrov. Politekh. obuch. no.12:[illegible] D '59.

IAkovlev, V.A., and others. [Formation of students' personality in the process of productive work] Formirovanie lichnosti uchashchikhsia v protsesse proizvoditel'nogo truda. Tambov, Tambovskii gos. pedagog. in-t, 1959. 78 p.

More attention to work education. Det. dom 15 no.4:3-8 '59.

Psychological grounds for the development of personality during manual training. D.N. Elkin. Rad. shkola 39 no.1:35-38 Ja '60.

MANUFACTURES see subdivision under Leningrad, Moscow, Moscow Province, Omsk

MANUSCRIPTS—COLLECTORS AND COLLECTING

Personal property. Irakli Andronikov. Novyi mir 36 no.1:175-201 Ja '60.

MANUSCRIPTS—CONSERVATION AND RESTORATION

Leningrad. Publichnaia biblioteka. [Disinfection and restoration of library materials; a collection of papers] Dezinfektsiia i restavratsiia bibliotechnykh materialov, sbornik statei. Pod red. D.M. Flate. Leningrad, 1959. 69 p., illus.

MANUSCRIPTS, GREEK see subdivision under Leningrad

MANYSHINA, ANTONINA IVANOVNA

Antonina Ivanovna Manyshina. Khim. v shkole 15 no.1:7 Ja-F '60.

MAP PRINTING

Accelerated acclimatization of paper. A.F. Toropchin. Geod. i kart. no.12:53 D '59.

MAPLE

(see also subdivision under Ukraine)

About a forgotten species. IU.D. Tret'iak, S.M. Stoiko. Les. khoz. 12 no.1:18-20 Ja '60.

MAPS

(see also subdivision under Antarctic regions)

How to achieve an active participation of fifth-grade students in map reading. M.P. Otkalenko. Rad. shk. 39 no.2:47-50 F '60.

MARCELLINUS, AMMIANUS

Ammianus Marcellinus, last representative of ancient historiography. V.S. Sokolov. Vest. drev. ist. no.4: 43-62 '59.

MARDAKIAN REGION (CASPIAN SEA)—PETROLEUM GEOLOGY

Prospecting data on the Mardakian offshore field. I.R. Relkhman. Azerb. neft. khoz. 38 no.11:6-8 N '59.

MARGELAN—SILK MANUFACTURE

Mechanization of an artel. G. Boiko. Prom. koop. 14 no.1:31 Ja '60.

MARI A.S.S.R.—LOCAL GOVERNMENT

How we instruct our higher officials and help them efficiently. V. Zlobin. Sov. deput. trud. no.3:51-54 Mr '60.

MARI A.S.S.R.—TECHNOLOGICAL INNOVATIONS

Novikov, V.A. [Suggestions of efficiency promoters of the Mari A.S.S.R.] Predlozheniia ratsionalizatorov Mariiskoi ASSR. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. 52 p.

MARINE DIESEL ENGINES

Analyzing basic characteristics of marine power plants. IU.A. Makedon. Trudy NTO sud. prom. 8 no.1:249-261 '58.

Kita, V.F. [Gas turbine superchargers for marine internal combustion engines] Gazoturbinnyi nadduv sudovykh dvigatelei vnutrennego sgoraniia. Moskva, Izd-vo "Rechnoi transport," 1960. 130 p.

Melitopol'skii motornyi zavod. [The 1Ch 10, 5/13-2 and 2Ch 10, 5/13-2 diesel engines, the 1ChA 10, 5/13, 2ChA 10, 5/13, DG-13V diesel generators, and the 1ChSP 10, 5/13, 2ChSP 10, 5/13, and 2ChSP 10, 5/13-1 marine diesel engines; description of the construction, manual for maintenance] Dizeli 1Ch 10, 5/13-2 i 2Ch 10, 5/13-2. Dizel'generatory 1ChA 10, 5/13, 2ChA 10, 5/13 i DG 13B. Sudovye dizeli 1ChSP 10, 5/13, 2ChSP 10, 5/13 i 2ChSP 10, 5/13-1; opisanie konstruktsii, rukovodstvo po obsluzhivaniiu. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 154 p.

MARINE ENGINEERING

Answering questions that were put to us. Mor. flot 20 no.1:13 Ja '60.

Kovalev, A.P. [Repair of marine engines and mechanisms] Remont sudovykh mashin i mekhanizmov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 263 p.

MARINE ENGINEERING—SAFETY MEASURES

Kulikov, A.N. [Safety measures in the operation of marine power plants; manual for engine room crews on ships of the Ministry of the R.S.F.S.R. River Fleet] Tekhnika bezopasnosti pri ekspluatatsii sudovykh silovykh ustanovok; posobie dlia mashinnykh komand sudov Ministerstva rechnogo flota RSFSR. Moskva, Izd-vo "Rechnoi transport," 1960. 137 p.

MARINE ENGINES

Korolev, N.I. [Manual on the regulation of steam distribution in marine engines] Posobie po regulirovaniiu parораspredeleniia sudovykh mashin. Moskva, Izd-vo "Morskoi transport," 1960. 100 p.

To increase the motive power potential of ZD6 engines is an urgent task. M. Panin. Rech. transp. 19 no.1:23-25 Ja '60.

Work of an anchored ship's main engines in stormy weather. IU. Vaneev. Mor. flot 20 no.1:33-35 Ja '60.

MARINE ENGINES—LUBRICATION

Economical use of aviation oil in the operation of 3D6 engines in the operation of Moscow Steamship Line ships. V. IAkovlev. Rech. transp. 19 no.1:47-49 Ja '60.

MARINE FAUNA see subdivision under Azov, Sea of, Black Sea

MARINE FLORA see subdivision under Black Sea

MARINE GAS TURBINES

Design and analysis of characteristics of marine gas turbine plants with partial load. G.P. Borisov. Trudy NTO sud. prom. 8 no.1:45-77 '58.

Low capacity gas turbine engine. S.IA. Osherov. Trudy NTO sud. prom. 8 no.1:231-248 '58.

Methods of designing marine gas turbine plants with partial loads. G.I. Zotikov. Trudy NTO sud. prom. 8 no.1:5-6 '58.

Characteristics of gas turbine plants with propulsive turbines of medium pressure and reasons for using them. A.G. Khorozhants. Trudy NTO sud. prom. 8 no.1:79-93 '58.

Use of gas turbine plants with free piston gas generators on the ship "William Patterson." N. Kniazev. Mor. flot 20 no.1:39-40 Ja '60.

MARINE GAS TURBINES—COMBUSTION

Approximation modeling of combustion chambers in marine gas turbine plants S L Briskin Trudy NTO sud prom 8 no 1:203-230 '58

MARINE LABORATORIES see subdivision under Karadag (Crimea), White Sea region

MARINE NUCLEAR REACTOR PLANTS

Technical and economic prerequisites for the application of atomic energy in marine transportation A G Syrmai Zarub transp 2:155-206 '58

MARINE PIPE FITTING

Principles of pipe interchangeability in ship pipelines in building standard-type ships I L Kostromenko Trudy NTO sud prom 8 no.3:59-73 '59

MARINE TURBINES

Analyzing basic characteristics of marine power plants. IU A Makedon Trudy NTO sud.prom. 8 no 1:249-261 '58

MAR'INKA DISTRICT—AGRICULTURE

Our experience in trying to carry out the seven-year plan in agriculture ahead of schedule Z. Glukhov Komm.Ukr. 35 no.1,42-50 Ja '60.

MARINKOVIĆ, NADA, 1926-

Book of a Yugoslav friend ("Thought and love" [in Serbian] by Nada Marinkovic. Reviewed by P.Dmitriev, G.Safronov). Neva no.2 193-194 '60.

MARITIME TERRITORY—DESCRIPTION AND TRAVEL

Nikolaev, S.N. [Monuments and memorable places in the Maritime Territory] Pamiatniki i pamiatnye mesta v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1958. 95 p.

MARITIME TERRITORY—HISTORY

Nikolaev, S.N. [Monuments and memorable places in the Maritime Territory] Pamiatniki i pamiatnye mesta v Primor'e. Vladivostok, Primorskoe knizhnoe izd-vo, 1958. 95 p.

MARITIME TERRITORY—SCALE INSECTS

A new genus of scale insects of the family Margarodidae (Insecta, Homoptera, Coccoidea) in the fauna of the U.S.S.R. [with summary in English]. N.S.Borkhsenius. Zool zhur. 39 no.1:144 Ja '60.

MARKING DEVICES

Machine for marking laundry and tape. V. Kovalev. Zhil.-kom khoz 10 no.1:28 '60

MARKOV, IVAN ALEKSANDROVICH

The control organizer. Uchet i fin v kolkhoz. i sovkhoz 17 no 1:22-23 Ja '60

MARKOVNIKOV, VLADIMIR VASIL'EVICH, 1838-1904

Vladimir Vasil'evich Markovnikov. B.I.Mikhant'ev. Trudy VGU 49 49-54 '58

MARKUZON, FEDOR DAVYDOVICH, 1884-1957

F.D.Markuzon (1884-1957); obituary. Al'b.L.Vainshtein. Uch.zap.po stat. 4:358-367 '59.

MARQUET, ALBERT, 1875-1947

The works of Albert Marquet. M.Alpatov. Iskusstvo 22 no.4 58-64 '59

MARRIAGE

A man is important even in the little things. N Aleksandrova Ogonek 38 no 2:17,24 Ja '60

MARRIAGE LAW

Answering our readers' questions Sots zakon 37 no 3 73-75 Mr '60.

Laws on marriage and family M Sominskii. Sots zakon 37 no 3 45-49 Mr '60.

We should change some laws on marriage and domestic relations. R. Kaperova'ka. Rad.pravo no.1:91-92 Ja-F '60.

MARROW

Lipids in the bone marrow in experimental leukopenia [with summary in English]. E.N.Morozova Vop.med.khim 6 no 1:73-80 Ja-F '60.

MARROW—TRANSPLANTATION

Ionizing radiation and problems of bone marrow transplantation. A.S.Shevelev. Pat.fiziol.i eksp.terap. 4 no.1 3-13 Ja-F '60.

MARS (PLANET)

Mars in 1956. A.P.Kutyreva. Trudy Sekt.astrobot.AN Kazakh SSR 7:8-46 '59.

Preliminary results of visual observations of Mars in 1956. M.P.Perevertun. Trudy Sekt.astrobot.AN Kazakh SSR 7,47-53 '59.

MARS (PLANET)—OPPOSITION, 1956

Barabashov, N.P., and I.K.Koval'. [Photographic photometry with light filters of Mars during the favorable opposition in 1956] Fotograficheskaia fotometriia Marsa so svetofil'trami vo vremia velikogo protivostoianiia v 1956 g. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M.Gor'kogo, 1959. 529 p.

Results of the observations of Mars during the favorable opposition of 1956. V.V.Sharonov. Biul.Inst.astrofiz. AN Tadzh.SSR no.27 5-15 '59.

MARS (PLANET)—SPECTRA

Results of spectral observations of Mars on the ASP-9 spectrograph in 1956. K.I.Kozlova. Trudy Sekt. astrobot.AN Kazakh SSR 7 3-7 '59.

MARSHAK, IL'IA IAKOVLEVICH

Master of a large house. Inna Solov'eva. Vokrug sveta no.2 61-63 F '60.

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

At the beginning of life; pages from memoirs (to be continued). S.Marshak Novyi mir 36 no.1:97-150 Ja '60.

At the beginning of life; pages from memoirs (conclusion). S Marshak. Novyi mir 36 no.2,81-139 F '60.

MARTIN DU GARD, ROGER, 1881-1958

The letters of Roger Martin du Gard. L. Zonina. Novyi mir 36 no.3:272-283 Mr '60.

MARTSEVICH, EDUARD

Young Hamlet. I.Kadina, E.Dubovskoi. Teatr.zhizn' no.24:7 D '59.

MARTYNOV, ALEKSEI VASIL'EVICH, 1868-1934

A.V.Martynov and his role in the development of Russian surgery; on the 25th anniversary of his death. G F. Papko Sov zdrav. 19 no.2:70-75 '60.

MARX, KARL, 1818-1883

History of technology in the works of K.Marx. A.A.Kuzin. Vop.ist.est.i tekh. no.8:149-154 '59.

Lenin on correspondence between Marx and Engels ("Brief notes about 'Correspondence between K. Marx and F. Engels, 1844-1883.'" Reviewed by V. Vygodskii, F. Reshetnikov). V pom.polit.samoobr. 4 no.1,50-54 Ja '60.

MARY—PUBLIC HEALTH

Hygienic conditions in the city of Mary. Zdrav.Turk. 3 no.6:43 N-D '59.

MARZANI, CARL, 1912-

Endurance and survival ("The survivor" [in English] by Carl Marzani. Reviewed by R. Orlova). Inostr.lit. no.12:257-258 D '59.

MASLYANINO DISTRICT—EDUCATION, PRESCHOOL

On the collective farms of Maslyanino District. A.V. Rodnevich. Doshk.vosp. 33 no.3:13-16 Mr '60.

MASONRY—COLD WEATHER CONDITIONS

Masonry work under cold weather conditions. A.Chechik Sil' bud 7 no.12:7-8 D '57.

MASS SPECTROMETRY

Results of measuring the mass spectrum of positive ions on the third Soviet artificial satellite. V.G Istomin Isk.sput.Zem. no.1 171-183 '60

MASS TRANSFER

Determining the coefficients of mass transfer in colloidal and capillary porous substances with variable moisture content A V Lykov, F M Polonskaia Trudy NIKFI no 2 113-127 '58

Investigating mass transfer in packed columns during extraction by means of tributyl phosphate (extraction and reextraction of nitric acid) A M Rozen and others. Khim prom no 7 627-630 O-N '59

Mass transfer in the liquid phase in bubble plate columns. A.N.Planovskii, D.S.Artamonov, O.S.Chekhov. Khim. mash. no.1:13-16 Ja '60.

Rotating high-frequency apparatus for mass-exchange processes A.M.Ginstling, A.A.Baram. Khim.mash. no.1:4-5 Ja '60.

MASSAGE

Massage for parachutists. N.Gladkov. Kryl.rod. 11 no.1,22-23 Ja '60.

Self-massage. I.M.Sarkizov-Serazini. Zdorov'e 6 no.3:22-23 Mr '60.

MASTICATION

Experimental and morphological studies on the significance of functions of m. temporalis and m. masseter in the morphogenesis of the cranium [with summary in English]. B.A.Nikitiuk. Arkh.anat.gist.i embr. 37 no.12:56-71 D '59.

MATCH INDUSTRY—EQUIPMENT AND SUPPLIES

Reorganization of the conveyer production line in the manufacture of match-stick wood. V.O.Koval'. Der. prom. 8 no.12 25-26 D '59.

MATCHES

"Pocket" fire. N.Borysov. Znan.ta pratsia no.1:31 Ja '60.

MATERIALISM

G.V.Plekhanov's work "Outline history of materialism." I.S.Belen'kii. Nauch.dokl.vys.shkoly; filos.nauki no.4:155-160 '59.

Some methods used by idealists in their struggle against materialism. I.G.Petrov. Nauch.dokl.vys.shkoly, filos.nauki no.4:59-70 '59.

MATERIALS—DETERIORATION

Determining the nature of the deterioration of rubber-cord systems D B Boguslavskii, [illegible] V G Epshtein. Kauch i rez. 19 no 1 51-53 Ja [illegible]

MATHEMATICAL ANALYSIS

Foundations of mathematical analysis in Russia [illegible] 18th and beginning of the 19th centuries. R.S.[illegible] Uch.zap Mosk.gor.ped.inst. 71:203-290 '5[illegible]

P Fatou's theorem, convergence of sequences [illegible] theorems of analytic functions of several complex variables L. A Aizenberg Uch zap MOPI [illegible]

Shilov, G.E. [Mathematical analysis, a special course] Matematicheskii analiz, spetsial'nyi kurs Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 388 p.

Zaporozhets, G.I. [Methodological handbook for solving problems on mathematical analysis] Metodicheskoe rukovodstvo k resheniiu zadach po matematicheskomu analizu. Moskva, Vses. zaochnyi in-t inzhenerov zh.-dor. transporta.
Pt. 1. 1959. 202 p.

MATHEMATICAL INSTRUMENTS

Designing electronic mathematical models for solving systems of two algebraic or transcendental equations by the method of root selection. A.N.[illegible] ucheb. zav.; prib. 2 no.5:72-79 '59.

MATHEMATICAL STATISTICS

Nalimov, V.V. [Mathematical statistics in the analysis of matter] Primenenie matematicheskoi statistiki pri analize veshchestva. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 430 p.

Solodovnikov, V.V., and A.S.Uskov. [Statistical analysis of control systems; statistical methods for determination of dynamic characteristics of automatic control systems during normal operation] Statisticheskii analiz ob"ektov regulirovaniia; statisticheskie metody opredeleniia dinamicheskikh kharakteristik sistem avtomaticheskogo regulirovaniia v protsesse ikh normal'noi ekspluatatsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 130 p.

Using the method of "flowing dimensions" [illegible] according to rising deviations. A N. Spasskii [illegible] ucheb zav., mashinostr. no.[illegible]

MATHEMATICS

Computing work norms for operating machines [illegible] aid of mathematics. I. Borodkin, [illegible] nauch. inform.; trud i zar. plata no.11 [illegible]

Mathematics unmasks religious superstitions [illegible] skovs'kyi Nauka i zhyttia 9 no 2 41-44 [illegible]

The true nature of mathematics. [illegible] v shkole no.1:20-36 Ja-F '60.

MATHEMATICS—ABSTRACTS

[Mathematics; abstracts nos 4086-6007] Referativnyi zhurnal: Matematika no.5 My '60.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—HANDBOOKS, MANUALS, ETC.

IAkovlev, K.P., ed. [Concise manual of physics and engineering] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1. [Mathematics, physics] Matematika, fizika. 1960. 446 p.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Karnitskii, P.N. [Problems of cosmography in mathematical problems for secondary schools, manual for teachers] Voprosy o Vselennoi v matematicheskikh zadachakh srednei shkoly; posobie dlia uchitelei Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 65 p.

Problems for students. Mat. v shkole no.1:[illegible] Ja-F '60.

Solutions of problems published in no.4 for 1959 Mat. v shkole no.1:88-91 Ja-F '60.

MATHEMATICS—STUDY AND TEACHING (see also subdivision under Leningrad)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut metodov obucheniia. [Teaching mathematics in schools in the 1959-1960 school year] O prepodavanii matematiki v shkole v 1959/60 uchebnom godu. Pod red. A.D.Semushina. Moskva, 1959. 135 p.

Collection of articles "Problems in the teaching of mathematics in the high school." B.N.Belyi, A.I. Vlasenko, A.B.Drapkin. Mat v shkole no.1:[illegible] Ja-F '60.

Deepening and systematizing the fundamental [illegible] pertaining to rational numbers as a necessary stage in the transition to irrational numbers [illegible] Uch.zap.Mosk.gor.ped inst. 71:73-82 '5[illegible]

Discussing plans of programs. P.A.Bezsonov and others. Mat. v shkole no.1:4-24 Ja-F '60.

Equvalence of equations and of systems of equations in the elementary mathematics course in pedagogical institutes. T.N.Poliakova. Uch.zap.Mosk.gor.ped. inst. 71:125-160 '58.

Evaluation of knowledge in schools for working youth. E.N.Zolotovitskii. Mat. v shkole no.1:54-53 Ja-F '60.

MATHEMATICS—STUDY AND TEACHING (Continued)

From experience in the teaching of complex numbers. S.I.Gal', E.G.Garkavi. Uch.zap.Mosk.gor.ped.inst. 71:83-124 '58

Inadequate knowledge of mathematics and physics shown by the graduates of secondary schools. V.N.Chepurenko, F.P.IAremchuk. Rad.shk. 30 no.2:60-64 F '60

Kolosov, A.A. [A book for extracurricular reading on mathematics for ninth grade students] Kniga dlia vneklassnogo chteniia po matematike dlia uchashchikhsia IX klassa. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 231 p. (Biblioteka shkol'nika)

Laboratory work on methodology in mathematics. N.G. Fedin. Uch.zap.MGZPI no.3:93-102 '59.

Notes and suggestions. A.A.Strazhevskii. Mat.v shkole no.1:24-28 Ja-F '60.

Rational procedure for solving problems in mathematics lessons. D.V.Klimenchenko. Mat.v shkole no.1:53-61 Ja-F '60.

Student's work in the preparation of visual aids. A.G. Nudel'man. Mat.v shkole no.1:37-40 Ja-F '60.

MATHEMATICS—TEXTBOOKS

Requirements for high school textbooks on mathematics. Mat.v shkole no.1:56-59 Ja-F '60.

MATKOVIC, MARIJAN

In the name of life; dramatic cycle of Marijan Matković "Playing with death." M.Bershadskaia. Filol.nauki no.2:53-66 '60.

MATRICES

Matrix devices in the theory of structures and their applications. M.I.Nechepurenko. Trudy MIIT no.3:201-275 '59

Some problems in the arithmetic of matrices. L.A. Gutnik. Uch.zap.MOPI 138:47-77 '58

Some theoretical numerical functions from matrices. L.A.Gutnik. Uch.zap.MOPI 138:78-106 '58.

MATSESTA—HYDROGEN SULFIDE. PHYSIOLOGICAL EFFECT

Influence of hydrogen sulfide baths on the acid-base equilibrium. G.I.Ponomarenko. Vop.kur., fizioter.i lech.fiz.kul't. 25 no.1:49-52 '60.

MATTER

Concept of mass and its study in a physics course in secondary schools. L.A.Ivanova. Uch.zap.MGPI 110:10-54 '57.

MATTER—PROPERTIES

Problem of the most important properties of matter in the field theory of present-day physics. V.T.Sidorin. Uch.zap.Sar.un. 60:128-161 '57

MATVEEV, BORIS STEPANOVICH, 1889-

To Boris Stepanovich Matveev. Zool.zhur. 38 no.12:1769 D '59.

MATVEEV, SERAFIM ALEKSANDROVICH

Serafim Aleksandrovich Matveev; obituary. Geod.i kart. no.12:57-58 D '59.

MAYMECHA VALLEY—ROCKS, IGNEOUS

Alkali and intermediate effusives in the northern Siberian Platform (lower Maymecha Valley). G.G.Moor. Trudy NIIGA 98:107-115 '59

MANZONI, ALESSANDRO, 1785-1873

The theory of the historical process in A.Manzoni's "Adelchi." D.Petrov. 19 no.6:523-531 N-D '59.

MEADOW SAFFRON

Colchicum alkaloids. V.M.[illegible] Nauka i zhizn' 27 no.1:70 Ja '60.

MEADOWS see Pastures and meadows

MEASUREMENT OF STREAMS see Stream measurement

MEASURING INSTRUMENTS

Articles from periodicals. Priborostroenie no.1:3 of cover Ja '60.

Automatic control of dimensions of parts in machinery plants. V.E.Dumpe. Mekh.i avtom.proizv. 14 no.1:18-23 Ja '60

Brief reports. Zav.lab. 26 no.1:118-119 '60.

Capacitance pickup with linear characteristics. V.S. Pokko. Zav.lab. 26 no.1:118 '60.

Equipment for the measurement of pressure in timbering. Shakht.stroi. no.1:3 of cover Ja '60.

Instruments for measuring the smoothness and slipperiness of pavements. V.A.Astrov, G.P.Filina. Avt.dor. 23 no.1:19-20 Ja '60.

Measuring the depth of positions of flat surfaces in instrument parts. L.N.Vorontsov. Priborostroenie no.1:21-22 Ja '60.

New instruments approved for serial production in 1960. I.I.Gur'iakov. Priborostroenie no.1:24-25 Ja '60

Remote level and density metering device. Shakht.stroi. no.1,3 of cover Ja '60.

MEASURING INSTRUMENTS—TESTING

New regulations for organizing and conducting the inspection of measuring equipment. Izm.tekh. no.1:1-4 Ja '60.

Reliability criteria in testing measuring instruments. I.V. Dunin-Barkovskii, A.N.Kartasheva. Trudy MATI no.39:71-90 '59

Using verniers (noniuses) in practical work. S.N.Monkovich. Rad.shk. 30 no.2:62-65 F '60.

MEAT

International meat trade. Mias.ind.SSSR 31 no.1:62-63 '60.

MEAT—DRYING

Drying of minced meat of pork and mutton by sublimation. A.V.Siniteva. Kons.i ov.prom. 15 no.1:25-28 Ja '60

MEAT—TRANSPORTATION

Efficient organization of the transportation of livestock and meat. I.V.Ostankov. Trudy MIIT no.122:130-140 '59

MEAT, CANNED—STANDARDS

Requirements concerning the quality of canned meat. A.I.Rakhmash. Kons.i ov.prom. 15 no.2:22-24 F '60

MEAT, CANNED—STORAGE

Investigating the quality of canned meat stored for 20 years. V.P.Botko. Kons.i ov.prom. 15 no.2:24-26 F '60

MEAT, FROZEN

Automatic air separator. N.Simonov. Mias.ind.SSSR 31 no.1:11-17 '60.

MEAT, FROZEN—STORAGE

Changes in the quality of frozen meat during prolonged storage [with summary in English]. V.Botko, A.Fomin. Khol.tekh. 37 no.1:37-38 Ja-F '60

MEAT, SALT

Transformations of nitrate and nitrite and formation of hydroxylamine during the salting of meat. N.S.Drozdov, A.L.Iskandarian. Izv.vys.ucheb.zav.; pishch.tekh. no.6:88-90 '59

MEAT CUTTING

Improved design of a cutting machine. I.Lagosh, B.Sterligov. Mias.ind.SSSR 31 no.1:13-14 '60.

MEAT GRINDERS

(see also subdivision under Stalingrad)

Meat grinding machine. IU.Miakotkin. Obshchestv.pit. no.2:40-43 F '60.

MEAT INDUSTRY

(see also subdivision under Leningrad)

Change-over to a 7-hour workday and a new system of remuneration. A.Chulanov. Mias.ind.SSSR 31 no.1:40-43 '60.

Development of the meat and refrigeration industries from 1959 to 1965 [with summary in English] Khol.tekh. 37 no.1:1-3 Ja-F '60

Meat industry in the first year of the seven-year plan. Mias.ind.SSSR 31 no.1:1-5 '60.

MEAT INDUSTRY—ACCOUNTING

Planning of expenses per ruble of goods produced. F.Nazarova. Mias.ind.SSSR 31 no.1:42-43 '60.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Biysk)

Adopting and mastering the new equipment. G.Faleev. Mias.ind.SSSR 31 no.1:6-9 '60.

MEAT INDUSTRY—PERIODICALS

Scientific and technical societies and the specialized press. G.Ivanov. Mias.ind.SSSR 31 no.1:5 '60.

MEAT INDUSTRY—STANDARDS

Documentation for time study observations and labor productivity. N.Kalita. Mias.ind.SSSR 31 no.1:44-47 '60.

MECHANICAL BRAIN see Cybernetics

MECHANICAL DRAWING

Kalandadze, G.V. [Course in mechanical drawing] Kurs chercheniia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 410 p.

MECHANICAL DRAWING—STANDARDS

System of mechanical drawing. D.M.Malkin. Standartizatsiia 24 no.2:41-46 F '60.

MECHANICAL DRAWING—STUDY AND TEACHING

IAnkovskii, K.A. [Teaching mechanical drawing in technical schools] Prepodavanie chercheniia v tekhnikumakh. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 102 p.

Schools should have qualified mechanical drawing teachers. V.E.Khrennikova. Vest.vys.shkoly 18 no.6:50-52 Je '60.

Study of electric circuits in a drawing course. IA.G.Shapiro. Obshchetekh.shkola v vuzakh no.6:60-63 N-D '59.

MECHANICAL ENGINEERING

From periodicals published in November-December 1959. Mekh.i avtom.proizv. 14 no.2:60-62 F '60.

Levinson, L.E. [Fundamentals of mechanical engineering] Osnovy tekhnicheskoi mekhaniki. Pod red. A.E.Kobrinskogo. Izd.3., ispr. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 343 p.

Serebrennikov, IU.N. [Machine parts; manual for airplane engineers] Detali mashin, uchebnik dlia aviatsionnykh spetsialistov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 216 p.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical Engineering

MECHANICAL ENGINEERING—EXHIBITIONS see subdivision under Moscow

MECHANICAL ENGINEERING—STUDY AND TEACHING

Future mechanical engineers should have a thorough knowledge of automation. V.P.Kurzanov. Vest.vys.shkoly 18 no.6:17-22 Je '60.

Master the progressive technology of production. E.A. Satel', M.A.Elizavetin. Vest.vys.shkoly 18 no.6:22-25 Je '60.

Reorganizing the course on the theory of machines. I.I. Artobolevskii and others. Vest.vys.shkoly 17[i.e.18] no.5:43-51 My '60.

MECHANICAL MOVEMENTS

Simplified theory of the accuracy of mechanisms. F.A. Opeiko. Sbor.nauch.trud.Bel.politekh.inst. no.65:141-156 '59.

MECHANICAL WEAR

Garkunov, D.N. [Increasing the wear resistance of airplane parts] Povyshenie iznosostoikosti detalei samoletov. Moskva, Gos.nauchno-tekhn.izd-vo Oborongiz, 1960. 138 p.

Grapho-analytical method of selecting the shape of ball mill lining plates. D.K.Krukov. Izv.vys.ucheb.zav.; gor.zhur. no.4:108-111 '59.

Increasing the wear resistance of air hammer parts of BA-100M boring machine units. I.A.Bogdanov. Trudy Inst.gor.dela Sib.otd.AN SSSR no.2:209-212 '59

Relationship between abrasive wear and plastic compression. D.I.Gorin. Sbor.nauch.trud.Bel.politekh.inst. no.65:129-139 '59.

MECHANICS

[Mechanics; translations of foreign articles.] Mekhanika; periodicheskii sbornik perevodov inostrannykh statei. 11 no.3 '60.

Motion in space of an axially symmetrical solid moving about a stationary point under the action of moments slowly changing with time. G.E.Kuzmak. Dokl.AN SSSR 132 no.3:540-542 My '60.

Problems in theoretical and applied mechanics. G.K. Mikhailov. Vest.AN SSSR 30 no.5:107-110 My '60.

Role of M.V.Ostrogradskii in the development of mechanics in Russia. A.T.Grigor'ian. Trudy Inst.ist.est.i tekh. 19:250-258 '59.

MECHANICS—ABSTRACTS

[Mechanics; abstracts nos. 6701-8330.] Referativnyi zhurnal: Mekhanika no.6 Je '60.

MECHANICS—CONGRESSES

All-Union Congress on Theoretical and Applied Mechanics. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.2:175-176 Mr-Ap '60.

MECHANICS—STUDY AND TEACHING

Let's inculcate modern scientific thinking in students. Notes on teaching theoretical mechanics. A.A.Kosmodem'ianskii. Vest.vys.shkoly 18 no.6:9-16 Je '60.

MECHANICS, CELESTIAL

Calculation of members of the second order in relation to the earth's oblateness in coordinates of artificial satellites [with summary in German]. A.A.Orlov. Biul.Inst.teor.astron. 7 no.7:540-551 '60.

Some formulas relating to the motion of a particle in the gravitational field of an oblate ellipsoid of revolution [with summary in French]. I.D.Zhongolovich. Biul.Inst.teor.astron. 7 no.7:521-536 '60.

MECHETINSKII DISTRICT—RICKETS

Mass prevention of rickets in the village. V.A.Matveeva. Vop.okh.mat.i det. 5 no.1:78-81 Ja-F '60.

MECHNIKOV, ILSIA IL'ICH, 1845-1916

I.I.Mechnikov's contribution to the development of applied entomology in Russia. L.V.Chesnova. Vop.ist.est.i tekh. no.7:162-166 '59.

MEDIASTINUM—TUMORS

Angiography in the diagnosis of tumors and cysts of the mediastinum. V.N.Gol'dberg, M.M.Popova. Vrach.delo no.12:1299-1303 D '59.

Tumors of the posterior mediastinum. E.M.Osipova. Trudy Inst.klin.i eksp.khir.AN Kazakh.SSR 5:21-24 '59.

MEDICAL CARE

(see also subdivision under Archangel Province; Khanty-Mansi National Area; Kursk Province; Yavan District)

All-Union Conference on Dispensary and Polyclinic care of the people. A.G.Safonov. Zdrav.Ros.Feder. 4 no.3:43-47 Mr '60.

MEDICAL CARE (Continued)

Improve the polyclinic service for the population. A. F. Serenko. Sov. med 24 no. 1 5-9 Ja '60.

MEDICAL CARE, COST OF see subdivision under United States

MEDICAL GEOGRAPHY

Medical geography. N. P. Sokolov. Fel'd. i akush. 25 no. 2 11-15 F '60.

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Great concern for the health of the Soviet man. Med. prom. 14 no. 2:3-6 F '60.

New apparatus for franklinization and aeroionotherapy. B N. Kol'nikov. Vop. kur., fizioter. i lech fiz. kul't. 25 no. 1 66-67 '60.

New improved hammer for neurologists. L. B. Naida. Vrach. delo no. 12:1323 D '59.

New medical instruments in the hands of the doctor. L. IUshchenko. Sov. Soiuz no 11:26-27 '58

OP-01 flow oxyhemometer, a new apparatus for the determination of blood saturation with oxygen. L. F. Sochivko and others. Pat. fiziol i eksp. terap. 4 no. 1:71-73 Ja-F '60.

This will be achieved in 1960. Nauka i zhizn' 27 no. 1:32 Ja '60.

MEDICAL INSTRUMENTS AND APPARATUS—EXHIBITIONS

Interesting exhibit. I. A Nikolaev. Zdorov'e 6 no. 2:17 F '60

MEDICAL JURISPRUDENCE

Medicolegal characteristics of traumatic (without skull injury) cerebral apoplexy. P G. Areshev Sud -med ekspert 3 no 1:9-12 Ja-Mr '60

Meeting of chief experts in legal medicine S Prilutskii Zdrav Belor 6 no 3 75 Mr '60

Smolianinov, V M. K I Tatiev, and V. F Chervakov. [Forensic medine] Sudebnaia meditsina. Moskva Gos. izd-vo med. lit-ry, 1959. 367 p

Some principles of trassology in the medicolegal examination of traces on skull bones left by instruments other than discharged weapons. IU. M. Kubitskii, Kh. M. Takho-Godi Sud.-med. ekspert 2 no. 4:22-26 O-D '59

Soviet forensic medicine in the seven-year plan. V. I. Prozorovskii, B. D Levchenkov Sud.-med. ekspert 3 no 1:3-8 Ja-Mr '60

MEDICAL LIBRARIES

Forty years of the operation of the State Central Scientific Medical Library. V. M. Mikhailov, IA. IU. Liubarskii. Sov zdrav 19 no 2 76-79 '60.

MEDICAL PERSONNEL

(see also subdivision under Minsk Province; White Russia)

Consultations. A. L. Margulis. Zdrav. Ros. Feder. 4 no. 1:45-46 Ja '60.

Indexes of the supply of medical personnel for the population and of the utilization of staffs. Zdrav. Ros. Feder. 4 no. 3:48-49 Mr '60.

Interprovince conference on matters relating to medical personnel. IU. N. Ivanov. Zdrav. Ros. Feder. 4 no. 2: 50-51 F '60.

Legal consultation. A. V. Rott. Vrach. delo no. 12:1343-1344 D '59.

Method for determining requirements for medical presonnel from 1959 to 1965 [with summary in English] G. A. Popov. Sov. zdrav 19 no 2 15-25 '60.

MEDICAL PERSONNEL—STATISTICS

Statistical materials on medical personnel in the system of the Ministry of Public Health of the U. S. S. R. and the Union republics in 1958. Sov. zdrav. 19 no. 2:102-104 '60.

MEDICAL RECORDS

(see also subdivision under Bolshaya Murta District, Krasnoyarsk Territory)

Let's change the grouping of diseases. N. Kryzhanovskii. Okhr. truda i sots. strakh. no. 1:59 Ja '60.

Let's combine the sickness and accident records. A. Moskalenko. Okhr. truda i sots. strakh no. 1 58-59 Ja '60.

Let's introduce a sickness chart. N. Ershov. Okhr. truda i sots. strakh. no. 1,59 Ja '60

MEDICAL RESEARCH

Planning of research in the field of medicine. Sov. zdrav. 19 no. 2,98-100 '60.

MEDICAL SCREENING see subdivision under Volosovo District, Leningrad Province

MEDICAL STATISTICS

Utilization of electronic computing machines in medical statistics [with summary in English]. A. D. Voskresenskii, A I. Prokhorov. Sov. zdrav. 19 no. 2 25-33 '60.

MEDICAL TESTS

Methodology and diagnostic evaluation of the renal-excretory test A. I Golikov. Kaz. med. zhur 40 no. 6: 51-58 N-D '59.

The Takata-Ara and Weltmann reactions in cardiovascular diseases. N. S. Lebed'. Zdrav. Belor. 5 no. 1:35-37 Ja '60.

MEDICINE

(see also subdivision under China; Rumania; White Russia)

Manual on the organization of subject catalogs of medical literature ("Organization of a subject catalog; practical information" edited by M. V Alekseev Reviewed by K I Dem'ianov) Sov bibl no 6:81-83 '59

Organization of medical science in the R. S. F. S. R. N. A. Vinogradov. Zdrav. Ros. Feder. 4 no 1:3-9 Ja '60.

Some results of the work of the Department of the History of Medicine of the N. A. Semashko Institute for the Organization of Public Health and the History of Medicine in the Ministry of Public Health of the U. S. S. R. from 1950 to 1958. Kh. I. Idel'chik. Sov. zdrav. 19 no 2:100-101 '60.

MEDICINE—ABSTRACTS

[Medical abstracts.] Meditsinskii referativnyi zhurnal sect 1 vol 4 nos 5-6 My-Je '60, sect. 3 vol. 4 no 7 Jl '60, sect 4 vol. 4 no. 6 Je '60, sect. 6 vol. 4 no 6 Je '60; sect 7 vol. 4 nos. 5-6 My-Je '60; sect. 8 vol 4 nos 5-6 My-Je '60, sect. 9 vol. 4 nos. 5-6 My-Je '60; sect. 10 vol 4 nos. 6-7 Je-Jl '60.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—BIOGRAPHY

Significant dates in the history of medicine. Sov. zdrav. 19 no. 2,79-81 '60.

MEDICINE—CONGRESSES

Meeting of medical teachers and students of Transcaucasia. G. S. Abiev, R. O. Amirov. Vest. vys. shkoly 18 no. 6:68 Je '60.

MEDICINE—DICTIONARIES

[Great medical encyclopedia] Bol'shaia Meditsinskaia Entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchno-izd-vo "Sovetskaia entsiklopediia,"
Vol. 13. Kletka - kosolapost'. Izd. 2. 1959. 1215 columns.
——— [List of articles and terms under the letter "K"] Perechen' statei i terminov na bukvu "K." 8 p.
——— [Phonography record accompanying the article "Stammering"] Grammofonnaia plastinka k stat'e Zaikanie.

[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 14. Kosorukost' - kurorty. Izd. 2. 1960. 1184 columns.
——— [List of articles and terms under the letter "K" (fourteenth volume)] Perechen' statei i terminov na bukvu "K" (chetyrnadtsatyi tom). 6 p.
——— [Phonograph record for the article "Kaverna"] Grammofonnaia plastinka k stat'e "Kaverna."

Problems in resort and physical therapy in the Large Medical Encyclopedia. I. P. Mugdusiev. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1 76-80 '60.

MEDICINE—FORMULAE, RECEIPTS, PRESCRIPTIONS

"Drug reference book for the ophthalmologist" by M. L. Krasnov, N B. Shul'pina Reviewed by N. G. Gol'dfel'd. Oft zhur 15 no 2:126-127 '60

"Pediatrician's prescription manual" by O. D. Sokolova-Ponomareva, V P. Bisiarina. Reviewed by T. R. Rubenova Pediatriia 37 no. 12:60-61 D '59.

MEDICINE—PHILOSOPHY

"Some philosophical problems in theoretical medicine." Reviewed by A. V. Kurbyshev, A. S. Mamzin, A. N. Chulkov. Vop. filos. 14 no. 5:180-181 '60.

MEDICINE—STUDY AND TEACHING

(see also subdivision under Ivanovo; Kalinin Province, Kurgan Province; Saratov; Stavropol; Ukraine)

Deficiencies of the teaching plan in medical schools and the reorganization in teaching pathological physiology in the light of the law "On the reinforcement of the connection between the school and life." S. M. Pavlenko. Pat. fiziol. i eksp. terap. 4 no. 1:84-87 Ja-F '60.

Reorganization of the curriculum of the N. I. Pirogov Second Moscow Medical Institute and our immediate problems M. G. Sirotkina. Sov. med. 24 no. 1:138-143 Ja '60

Some problems in teaching about infectious diseases in medical schools. G. A. Zeigermakher. Fel'd. i akush. 25 no. 2:54-56 F '60.

MEDICINE, INDUSTRIAL

(see also subdivision under Crimea; Germany, East)

Changes in physiological functions during work at control panels [with summary in English]. A. I. Kikolov. Gig. i san 25 no. 1:34-40 Ja '60.

Feldsher Snetkova. L. Sashin. Okhr. truda i sots. strakh. no. 1,62-63 Ja '60.

Let's improve standards of work at prophylact[illegible] M. Kaziev. Okhr. truda i sots. strakh. no. 1:13 [illegible]

Outlining an overall plan of sanitary measures. A. G[illegible]bunov. Okhr. truda i sots. strakh. no. 1,70-71 [illegible]

MEDICINE, MILITARY

Beilin, P. E. [Live, soldier] Zhivi, soldat. M[illegible], Voen. izd-vo M-va obor. SSSR, 1960. 129 p. (V[illegible] memuary)

Problems of military medical service in the [illegible] scientific research Voen.-med zhur no 2 8-14 F '60

The trust was justified. I. Kirilenko. Okhr. truda i sots. strakh. no. 1:30-32 Ja '60.

MEDNOGORSK—NEWSPAPER AND PERIODICAL CIRCULATION

In the newsstand opposite the factory. I. Zag[illegible] [illegible] pech. no. 2:13-14 F '60.

MEDVEDEVA, NINA BORISOVNA, 1899-

Nina Borisovna Medvedeva. Pat. fiziol. i eksp. terap. 4 no. 1:94 Ja-F '60.

MEIBOMIAN GLANDS—CANCER

Case of primary cancer of the Meibomian glands. F. [illegible] Melik-Aslanova, G. Adigozalova-Pol[illegible] Az. med. zhur. no. 2:46-49 F '60.

MELBOURNE—OLYMPIC GAMES

Runner from Algeria V. P Tennov. Leg. atl. [illegible] 27-29 D '59.

MELITOPOL'—MACHINE TOOLS

Structural changes in the 7A5[illegible]-type automatic [illegible] broaching machine made by the Melitopol' [illegible] Plant. S. G. Rozenblium. Mod. metallorezh. [illegible] 37-41 '60.

MELITOPOL'—WORKS COUNCILS

Our people protect socialist property. M Shar[illegible] Rad. pravo no. 1:35-38 Ja-F '60.

MELITOPOL' DISTRICT—FARM MECHANIZATION

Response to the resolution of the Plenum of the Central Committee of the Communist Party of the [illegible] G Savin Sel'. mekh. no 2:3-4 '60

MEL'NIKOV, NIKOLAI VASIL'EVICH, 1909-

Corresponding member of the Academy of [illegible] U.S.S.R., Professor and Doctor of Tech[illegible], Nikolai Vasil'evich Mel'nikov, on his 50th [illegible] Izv. vys. ucheb. zav.; gor. zhur. no. 4:15[illegible]

MEL'NITSA-PODOL'SKAYA DISTRICT—CORN (MAIZE)

Glorious path ("IEvheniia Dolyniuk" by M K [illegible] viewed by B Volynets') Ukraina no. 4:[illegible]

MELONS

Classification of melons. A. I. Filov. Vest. sel'[illegible] nauki 6 no. 1:126-132 '60.

MELONS—DISEASE AND PEST RESISTANCE

Breeding melons for anthracnose resistance. O [illegible] Visnyk sil'. hosp. nauky 3 no. 2:[illegible] F '60

MELTING POINTS

Investigating softening processes in low melting [illegible] eutectics. A. A. Bochvar, Z. A. Sviderskaia [illegible] splav. tsvet. met. no. 2 3-8 '60.

MEMORY TRAINING see Mnemonics

MENDELEEV, DMITRII IVANOVICH, 1834-1907

Activities of D. I. Mendeleev in the Kuban [illegible] Troshin. Vop. ist. est. i tekh. no. 7:142-14[illegible]

D. I. Mendeleev's letter on the publication of [illegible] zoology. V. I. Nazarov. Vop. ist. est. i tekh. [illegible] 141-142 '59.

D. I. Mendeleev's work in the field of terpenes and essential oils. V. V. Voronenkov. Vop. ist. est. i tekh. [illegible] 132-134 '59.

MENINGES—TUBERCULOSIS

Detection of thiamine in the urine following [illegible] tion. IU. M. Ostrovskii. Pediatriia 37 no. 12:[illegible]

MENINGITIS

Problem of the study of permeation of some drugs [illegible] the hemato-encephalic barrier in purulent [illegible] [with summary in English]. B. Gornicki, [illegible] Pediatriia 37 no. 12:35-39 D '59

Side effects in the treatment of meningitis by [illegible] administration of streptomycin and penicillin [with summary in English]. A. A. IAkovleva. Sov. med. 24 no. 1:103-109 Ja '60.

MENOPAUSE

Climacteric syndrome in its neuro-endocrine aspe[illegible] summary in English]. I. B. Khavin. Probl. endok. i gorm. 5 no. 6:83-92 N-D '59.

MENSURATION

Case of acromegaly with manifestations of virilism and diabetes insipidus for 32 years with preservation of the menstrual cycle for 38 years. D. M. Kollaren[illegible] M. F. Glusker. Probl. endok. i gorm. 5 no. 6:110-[illegible] N-D '59.

On representations without a fine invariant measure. IA. N. Dauker. Soob. AN Gruz. SSR 23 no. 4:[illegible] O '59.

MENSURATION—GRAPHIC METHODS

Using the method of probability curves in processing measurement results. I. V. Dunin-Barkovskii. Izm. tekh. no.1:8-11 Ja '60.

MENTAL DEFICIENCY

Glutamic acid treatment of mental retardation in children [with summary in English] I. S. Chebotareva. Pediatriia 37 no.12:39-41 D '59.

MENTAL EXHAUSTION see Fatigue, Mental

MENTAL ILLNESS

Bogolepov, N. K., ed. [Disability evaluation in nervous and mental diseases] Ekspertiza trudosposobnosti pri nervnykh i psikhicheskikh zabolevaniiakh. Moskva, Gos. izd-vo med. lit-ry, 1960. 344 p.

Pathology of the cortical activity in organic diseases of the brain with neurotic and psychopathic disorders. V. K. Fedorov. Trudy Inst. fiziol. 8:401-407 '59.

Possibility of using the electroencephalographic method of investigation for evaluating the clinical condition of patients. N. I. Butnova. Sud.-med. ekspert. 2 no.4:41-46 O-D '59.

Riboflavin content of the blood in certain groups of neurotics and psychotics. A. S. Beragidze. Trudy Inst. fiziol. 8:463-466 '59.

MENTAL SUGGESTION

Dynamics of cortical processes in suggestion for a given period. I. I. Korotkin, M. M. Suslova. Trudy Inst. fiziol. 8:51-57 '59.

MERCAPTO GROUP

Histochemical characteristics of the sulfhydryl groups in tumors [with summary in English] S. S. Lazaridan. Arkh. pat. 21 no.7:13-17 '59.

Relationship between the sulfhydryl group content and carbohydrate metabolism in the brain of rabbits [with summary in English] M. Sh. Promyslov, M. S. Morozova. Biul. eksp. biol. i med. 48 no.11:57-61 N '59.

MERCHANT MARINE

(See also subdivision under Latin America)

Across 60 seas. A. Savel'ev. Sov. Soiuz no.11:14-15 '59.

Technological plan in effect. Mor. flot 20 no.1:16 Ja '60.

Toward new victories in the fight for the seven-year plan. Mor. flot 20 no.1:1-3 Ja '60.

MERCHANT MARINE—BIBLIOGRAPHY see Bibliography—Merchant marine

MERCHANT MARINE—EQUIPMENT AND SUPPLIES

Strampe, P. I., and others. [Over-all mechanization and automatization in the merchant marine] Kompleksnaia mekhanizatsiia i avtomatizatsiia v morskom transporte. Pod obshchei red. P. I. Strampe. Moskva, Izd-vo "Morskoi transport," 1959. 95 p.

MERCHANT SEAMEN

Acquiring knowledge. Mor. flot 20 no.1:16 Ja '60.

For seamen of long distance navigation. Mor. flot 20 no.1:17 Ja '60.

MERCHANT SHIPS

New ships for the merchant marine. V. Hatchak. Mor. flot 20 no.1:4-8 Ja '60.

MERCURY

Studying the floatability of mercury by measurement of contact angles and radiation technique. I. N. Plaksin, I. A. Kakovskii. Izv. vys. ucheb. zav.; tsvet. met. no.4:130-136 '59.

MERCURY—ANALYSIS

Amperometric titration of silver and mercury by a thiourea solution. Sh. T. Ustenko, A. T. Shumakain. Zav. lab. 26 no.2:149-152 '60.

Rapid methods of analysis for trace elements. Report No.17: Simultaneous determination of trace amounts of carbon, hydrogen, mercury, and halogen in a single sample of organic matter [with summary in English] M. O. Korshun, N. S. Sheveleva, N. E. Gel'man. Zhur. anal. khim. 15 no.1:99-103 Ja-F '60.

MERCURY ELECTRODES see Electrodes, Mercury

MERCURY ORGANIC COMPOUNDS

Exchange of phenyl groups in organomercury and organomagnesium compounds. F. S. [illegible] and others. Radiokhimiia 1 no.6:[illegible] '59.

MERCURY-THALLIUM ALLOYS see Thallium-mercury alloys

MERIDIAN-CIRCLE see Transit circle

MERLINSKII, O. M

Expert at a small role. N. Gritsenko. Teatr. zhizn' no.24:23 D '59.

MESENTERIC VEIN—INNERVATION

Reflex effect of certain drugs from receptors of the mesenteric vein in the cat [with summary in English] P. F. Konovalov. Biul. eksp. biol. i med. 48 no.12:71-74 D '59.

MESHCHERSKII, IVAN VSEVOLODOVICH, 1859-1935

Ivan Vsevolodovich Meshcherskii; on the 100th anniversary of his birth. A. T. Grigor'ian. Vop. ist. est. i tekh. no.7:137-140 '59.

MESITYLENE

Studies in the series of diarylmethanes and their derivatives. Part 7: Synthesis of mesityl-α-naphthylmethane. Thermal conversions of higher products resulting from the condensation of formaldehyde with mesitylene. N. K. Moshchinskaia, V. I. Chernenko, B. S. Bonden. Ukr. khim. zhur. 25 no.6:762-766 '59.

MESONS

Nonelastic reactions of π⁻-mesons with light nuclei with energies from 80 to 300 MeV [with summary in English]. A. G. Meshkovskii, IA. IA. Shalamov. Zhur. eksp. i teor. fiz. 37 no.4:978-982 O '59.

Nonelastic scattering and absorption of π⁺-mesons with energies of 105±5 MeV by carbon and lithium nuclei [with summary in English]. N. I. Petrov, V. G. Ivanov, V. A. Rusakov. Zhur. eksp. i teor. fiz. 37 no.4:957-965 O '59.

Oberhauser effect and related phenomena. G. R. Khutsishvili. Usp. fiz. nauk 71 no.1:9-69 My '60.

Photoproduction of π° mesons on carbon near the threshold. R. G. Vasil'kov, B. B. Govorkov, V. I. Gol'danskii. Zhur. eksp. i teor. fiz. 37 no.4:1149-1151 O '59.

METABOLISM

Changes in the reactivity of cutaneous receptors in frogs under the influence of drugs acting on the metabolism [with summary in English] O. P. Dobromyslova, N. I. Solov'eva. Fiziol. zhur. 46 no.1:98-104 Ja '60.

Effect of atropine on metabolism [with summary in English] R. I. [illegible]. Fiziol. zhur. [Ukr.] 6 no.1:67-72 Ja-F '60.

Effect of feeding frequency on digestion and metabolism in swine. A. M. Zhulin. Dop. UASHN 3 no.1:36-38 Ja-F '60.

How the feeding of sows affects gas metabolism and heat production in their progeny. I. V. Tantsurov. Dop. UASHN 3 no.1:48-50 Ja-F '60.

Metabolic processes in the myocardium in experimental cardiac defect [with summary in English] M. F. Vlasykh, F. Z. Meerson. Vop. med. khim. 6 no.1:19-24 Ja-F '60.

On the tricarboxylic acid cycle in molds [with summary in English] S. A. Butkova. Mikrobiologiia 29 no.1:21-27 Ja-F '60.

Reflection of the energy and substance metabolism in the renewal of the biochemical substrate of the nerve tissue. G. E. Vladimirov. Trudy Inst. fiziol. 8:326-337 '59.

Role of metabolism in rest potential maintenance of striated muscle fibers. Z. A. Sorokina. Fiziol. zhur. 45 no.11:1306-1316 N '59.

Some features of basic metabolism and the specific dynamic effect of food in cattle. A. A. Skvortsova, L. L. Ivanov. Trudy Inst. fiziol. 8:404-410 '59.

Study of peculiarities of metabolism in plague by means of fluoroacetate [with summary in English] M. N. Dzhaparidze, N. K. Sidorova. Vop. med. khim. 6 no.1:57-61 Ja-F '60.

METABOLISM, DISORDERS OF

Complexon 3 in products and its effect on the metabolism [with summary in English] I. Vozar. Vop. pit. 19 no.1:23-28 Ja-F '60.

METAL CRYSTALS

Conditions for the equilibrium of a one-dimensional binary alloy model. M. M. Pitskin. Issl. po zharopr. splav. 4:[illegible]-100 '59.

Connection between grain deformations and dislocations along boundaries during the creep of nickel. V. M. Rozen. Issl. po zharopr. splav. 4:58-64 '59.

Diffusion mechanism along grain boundaries. S. M. Klotsman, A. N. Orlov. Issl. po zharopr. splav. 4:90-95 '59.

Investigating the diffusion of cobalt and iron along grain boundaries. S. D. Gertsriken, T. K. IAtsenko, L. F. Slastnikova. Issl. po zharopr. splav. 4:153-157 '59.

Nucleation and growth of copper and "melchior" crystals during recrystallization. D. I. Lainer, E. I. Krupnikova-Perlin. Issl. splav. tsvet. met. no.2:90-100 '60.

METAL CUTTING

Dynamic rigidity of the system machine tool-attachment-cutting tool-workpiece. K. S. Kolev, N. S. Kolev. Vest. mash. 40 no.2:50-53 F '60.

Effect of machining on the durability of petroleum machine parts. A. I. Lundberg. Trudy MNI no.20:204-211 '57.

Effect of the machine-shop temperature on the precision of dimensions and shape of parts. Iu. N. Sokolov. Stan. i instr. 31 no.2:16-19 F '60.

Effective stresses due to metal cutting. R. R. Martirosian. Izv. vys. ucheb. zav.; mashinostr. no.6:172-177 '59.

Errors in the technological process caused by thermal deformations of the system machine tool-attachment-cutting tool-workpiece and of the workpieces. O. M. Kolesov. Vest. mash. 40 no.2:53-56 F '60.

IAkovlev, G. M. [Some problems in high-speed milling and turning] Nekotorye voprosy skorostnogo frezerovaniia. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1960. 296 p.

Investigating technological processes of machining and testing the working surfaces of vanes of propeller turbines. A. I. Isaev, L. M. Pomerantsev. Trudy MATI no.39:46-73 '59.

Machining parts of sand and soil pumps made of wear-resistant materials. S. B. Futorian. Trudy VNIINMASH no.1:177-196 '59.

Primary energy source for excitation of natural vibrations during metal cutting. N. I. Tashlitskii. Vest. mash. 40 no.2:45-50 F '60.

METAL CUTTING—TECHNOLOGICAL INNOVATIONS

Over-all automation and mechanization of technological processes in metal machining. Iu. V. Kolotilova. Mekh. i avtom. proizv. 11 no.2:53-54 F '60.

METAL-CUTTING TOOLS

Cutting tools for machining precision holes. L. G. Erenkrants. Avt. prom. no.1:39-43 Ja '60.

Effect of a coned shape of hobbing cutters on their strength. A. G. Shmulovich. Stan. i instr. 31 no.2:15-17 F '60.

Garashchenko, A. P. [Materials for metal-cutting tools] Instrumental'nye materialy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 123 p.

Multipurpose cutting tool. Viktor Chmanck. Znan. ta pratsia no.1:30 Ja '60.

Rodin, P. R. [Fundamentals of the theory of the design of metal-cutting tools] Osnovy teorii proektirovaniia rezhushchikh instrumentov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 160 p.

Shorin, A. L., and V. M. Starostin. [Using the method of twisting two metals in manufacturing spiral metal-cutting tools] Proizvodstvo spiral'nogo metallorezhushchego instrumenta metodom skruchivaniia dvukh metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 61 p.

Studying the process of working stereo metals by means of cylindrical cutters. V. F. Dorofeev. Sbor. trud. NIIPOLIGRAFMASH no.5:21-31 '59.

Work on improving the design of cutting tools during the Great Patriotic War. O. O. Mykhailenko. Nar. z ist. tekh. no.5:92-96 '59.

METAL-CUTTING TOOLS—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Cutting tools; milling cutters, taps, threading dies, gear cutters] Rezhushchii instrument; frezy, metchiki, plashki, dolbiaki. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov (Gosudarstvennye standarty SSSR)

No 3. 1960. 308 p.

METAL SPRAYING

Cooling rate and laminar structure in metal spraying. A. F. Krupin, G. P. Bolkov. Izv. TPI 101:61-64 '59.

Increasing the wear resistance of sprayed-metal coatings. R. N. Lobanets. Izv. vys. ucheb. zav.; mashinostr. no.6:150-157 '59.

Searching for new copper alloys for a gold-colored metallization of glass. M. V. Zakharov and others. Issl. splav. tsvet. met. no.2:164-168 '60.

METALLIC FILMS

Investigating cathodic films obtained in the electrolysis of chromic acid. A. N. Syrov, N. T. Drobantseva, O. A. Platonina. Zhur. prikl. khim. 33 no.2:372-378 F '60.

Microfurnace for the observation of metal oxidation by microscope. N. I. Tugarinov. Trudy Inst. fiz. khim. no.7:107-111 '59.

Preparation of silver powder and a silver membrane. A. P. Palkin, N. A. Shchirova. Trudy VGU 57:19-22 '59.

METALLOGRAPHY

Continuous microscopic examination of surfaces in the course of electrolytic treatment. V. I. Shevchenko, L. N. Alpatov. Zav. lab. 26 no.1:77-78 '60.

Investigating changes in the microgeometry of stainless steel surfaces in the corrosion process by the method of profilograms. A. I. Glukhova. Trudy Inst. fiz. khim. no.7:60-63 '59.

Kachanov, N. N., and L. I. Mirkin. [X-ray study of polycrystalline structures; a practical guide] Rentgenostrukturnyi analiz (polikristallov), prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 215 p.

"Metallography laboratory" by E. V. Panchenko and others. Reviewed by M. I. Vinograd and others. Zav. lab. 26 no.1:127-128 '60.

Quantitative evaluation of the texture defined by the optical method. P. D. Izbranov. Zav. lab. 26 no.2:187-188 '60.

Role of the interface surfaces on the gradual failure in metals. I. A. Oding, V. S. Ivanova, Iu. P. Liberov. Issl. po zharopr. splav. 4:3-12 '59.

X-ray apparatus for the examination of textures. P. D. Izbranov and others. Vest. vys. shkoly 18 no.6:84-85 Je '60.

METALLURGICAL FURNACES

Bel'skii, V. I., and others. [Construction and repair of metallurgical furnaces] Stroitel'stvo i remont metallurgicheskikh pechei. Pod obshchei red. A. V. Chernova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 448 p.

METALLURGICAL PLANTS

Brief news. A.Kulazhenko. Metallurg 5 no.2:22 F '60.

Effectiveness of continuous steel casting in condition of a new plant. G.V Vitin Stal' 20 no.1 84-88 Ja '60.

For the rapid development of the Kazakhstan "Magnitogorsk." P Ermakov. Nar.khoz.Kazakh. 18 no.1:27-34 Ja '60

METALLURGICAL PLANTS—ACCOUNTING

Levin, B.IA. [Financial transactions in the operation of metallurgical plants, a practical guide] Operativnaia finansovaia rabota na metallurgicheskom predpriiatii; prakticheskoe posobie Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 186 p.

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

Construction of open-hearth furnace plants with a block-island arrangement of furnaces. I.D.Vikhrev, I.A. Afonin. Metallurg 5 no.1 18-22 Ja '60.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Berezovskii, M.V. [Track junction in enterprises of ferrous metallurgy] Soedineniia putei na predpriiatiiakh chernoi metallurgii Moskva, Gos. nauchno-tekhn. izd-vo po chernoi i tsvetnoi metallurgii, 1960. 356 p.

Centralized manufacture of spare parts for the equipment of metallurgical plants. K.D.Pokhil'ko and others. Metallurg 5 no.2 33-35 F '60.

Good use of credits allocated by the State Bank for the introduction of new machinery. V.A.Markov. Metallurg 5 no.2.4-5 F '60.

Lifshits, M.A. [Refractories in ferrous metallurgy; a handbook] Ogneupory v chernoi metallurgii; spravochnik. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960 267 p.

Material stimulation for the reduction of railroad transportation costs in metallurgical enterprises. B.B.Rozin, R.S.Geifman Stal' 20 no.2:165-168 F '60.

New design of charging-bucket cars. V.S.Lur'e. Biul. tekh.-ekon inform no.1 8-10 '60.

Organizing a yard to stock spare parts for the plant's equipment. L.N.Gorodetskii. Metallurg 5 no.2:35-36 F '60.

Smol'nikov, L.P. [Automatic control of technological processes in metallurgical plants] Elektroavtomatika tekhnologicheskikh protsessov v metallurgicheskikh tsekhakh. Sverdlovsk, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 207 p

Tong grippers for thin steel sheet coils. E.M.Vertoprakhov. Metallurg 5 no.2:32 F '60.

METALLURGICAL RESEARCH see subdivision under Ural Mountain Region

METALLURGICAL RESEARCH—CONGRESSES

First Meeting of the Scientific Technological Society of Ferrous Metallurgy. D.A.Smoliarenko. Metallurg 5 no.1 43-44 Ja '60.

METALLURGISTS

Book about metallurgists ("Path of glory" by B.Borovik, I.Artiunov. Reviewed by V.Ukrainskii). Metallurg 5 no.2.3 of cover F '60.

METALLURGY

(see also subdivision under Donets Basin)

For continued progress in ferrous metallurgy. P.I. Korobov. Stal' 20 no.1:1-4 Ja '60.

Objectives of the U.S.S.R. ferrous metallurgy in 1960. Metallurg 5 no.1:1-3 Ja '60.

Under the banner of communist labor. Metallurg 5 no.2: 1-3 F '60.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts nos. 9232-11756.] Referativnyi zhurnal: Metallurgiia no.5 My '60.

METALLURGY—ACCIDENTS see subdivision under Sverdlovsk

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALLURGY—CONGRESSES

Interprovincial Conference of Ore Dressing and Metallurgical Plants on new industrial processes and work methods. O.Sh. TSvet.met. 33 no.1:86-88 Ja '60.

METALLURGY—STUDY AND TEACHING see subdivision under Dneprodzerzhinsk

METALLURGY, VACUUM see Vacuum metallurgy

METALS

(see also subdivision under Don Valley, Volga Valley)

Conference of using lithium, rubidium, cesium, and strontium compounds in the silicate industry. Stroi.mat. 6 no.1:33 Ja '60.

Determining the content of lead, antimony, and tin in scoria V.A Kriuk Poligr proizv no 1:18-19 Ja '60

E.M.Natanson's book "Colloidal Metals." Reviewed by F.D Ovcharenko. Ukr.khim.zhur. 25 no.6:813 '59.

Effect of small admixtures on the mechanical properties of metals. A.N.Orlov. Vest.AN SSSR 30 no.5:94-96 My '60.

Effect of the nature of metals on their catalytic activity. A.A.Balandin, P.Teteni. Dokl.AN SSSR 132 no.3: 577-580 My '60.

Extraction equilibria for cobalt, nickel, and certain other metals. L M.Gindin and others Zhur.neorg. khim 5 no.1:149-159 Ja '60

Extraction recovery of metals by means of acid alkyl phosphates. A S Cherniak, M.L Navtanovich Zhur prikl khim. 33 no 1:85-89 Ja '60.

Livshits, B.G. [Physical properties of metals and alloys] Fizicheskie svoistva metallov i splavov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 366 p.

"Science of metals" [in Czech] by F.Pišek. Reviewed by K.I.Vashchenko, D.P.Ivanov. Lit.proizv. no.2:48 F '60.

METALS—ANALYSIS

Brief reports. Zav.lab. 26 no.1:61-63 '60.

New books. Zav.lab. 26 no.2:254 '60.

Radioactivation analysis applied to the determination of microimpurities in tellurium O.E.Zviagintsev, V.I. Shamaev. Radiokhimiia 1 no.6:717-723 '59.

METALS—BRITTLENESS

Evaluating the brittleness of high-melting compounds in testing by impression. A.N.Piliankevich. Zav.lab. 26 no.1:88-90 '60.

METALS—COLD WORKING

Stimulating effect of straining on softening during the deformation process. M B Makagon, V E Panin, V.F Sukhovarov. Issl.po zharopr.splav 4 50-57 '59.

Tret'iakov, A.V., and K.M.Radchenko. [Changes in the mechanical properties of metals and alloys under the effect of cold rolling] Izmenenie mekhanicheskikh svoistv metallov i splavov pri kholodnoi prokatke. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 84 p.

METALS—DEFECTS

Studying submicroscopic defects in metals by means of X-ray scattering at small angles. S.N.Zhurkov, A.I. Slutsker. Issl.po zharopr.splav 4:197-201 '59.

METALS—DIFFUSION COATINGS

Zinc plating of shoe nails with the diffusion method. B.I. Shnaiden, S.E.Shenkar. Kozh.-obuv.prom. 2 no.2: 26-27 F '60.

METALS—ETCHING

Experimental observation of dislocation sources revealed by etching V G.Rakin, N.N.Buinov. Issl.po zharopr. splav. 4 193-196 '59

METALS—FATIGUE

Akademiia nauk SSSR. Institut metallurgii. [Fatigue of metals, materials of the conference on the fatigue of metals] Ustalost' metallov; materialy soveshchaniia po ustalosti metallov 22-24 sentiabria 1958 g. Moskva, 1960. 157 p.

Kravchenko, P.E. [Fatigue strength] Ustalostnaia prochnost'. Moskva, Gos.izd-vo "Vysshaia shkola," 1960. 103 p.

METALS—FINISHING

Finish machining of holes by grooving M.IA Freidkin, M S Levina, E.N.Zhustarev Stan i instr 31 no 2: 37-40 F '60

METALS—MAGNETIC PROPERTIES

Ostroumov, G.A. [Physicomathematical principles of the magnetic mixing of melts] Fiziko-matematicheskie osnovy magnitnogo peremeshivaniia rasplavov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 63 p.

METALS—OPTICAL PROPERTIES

Radiating property of metals. D.IA.Svet. Issl.po zharopr.splav. 4:323-328 '59.

METALS—PICKLING

Electrolytic pickling of sheets with an alternating current of commerical frequency [with summary in English]. P.P.Beliaev, B.A.Nikitin, S.I.Sukhov. Stal' 20 no.1. 79-81 Ja '60.

Reagent for pickling weld joints in titanium and its alloys. V.A.Sidliarenko. Avtom.svar. 13 no.2: 88-89 F '60.

METALS—TESTING

Analysis of the method of testing for microhardness by scratching according to Bierbaum. M.M.Khrushchov, M.A.Babichev. Zav.lab. 26 no.1:82-87 '60.

Calculating the impact energy in the repeated impact test of metals. G.IA.Smokotin, V.I.Kopytov. Izv.vys.ucheb zav., gor zhur no.8:49-54 '59

Determining the strength of compressed products [illegible] metal powders. V.G.Osipov. Zav.lab. 26 [illegible] 122-125 '60.

Developing visible images of the cross sections [illegible] in ultrasonic flaw detection. A.K.Gurvich [illegible] 26 no.1 64-68 '60.

Equipment for the testing of microspecimens for creep and durability in vacuum and at constant pressure. E. Berlizov. Issl.po zharopr. splav. 4 372 374 '59

Multiple specimen vacuum apparatus for testing [illegible] for creep and durability A.I.Sotnichenko [illegible] zharopr. splav 4:367-371 '59.

New method of extrapolating data from [illegible] for durable strength and long term [illegible]. I.A. Oding, V N.Geminov. Issl po zharopr. splav [illegible] '59.

METALS—THERMAL PROPERTIES

Equipment for measuring the heat capacity of [illegible] alloys at high temperatures. I.N Ryzhkov, [illegible] Issl. po zharopr. splav. 4 375-379 '59

METALS, EFFECT OF TEMPERATURE ON

Effect of repeated thermal treatment on the mechanical properties of the D16 alloy at room and higher temperatures. O.S. Bochvar, V.V. Iak'[illegible] Issl.[illegible] tsvet. met. no.2:33-42 '60.

Effect of silicon on the properties of the D[illegible] alloy at room and higher temperatures. M.F. Drits, [illegible] Sviderskaia, E.S. Kadaner. Issl.splav.tsvet.[illegible] no.2:24-29 '60.

Equivalence of the effect of speed and temperature [illegible] formation on the process of plastic flow. [illegible] Issl po zharopr. splav. 4 64-70 '59

METALS, RARE AND MINOR

Circumveinal transformations of quartz porphyries [illegible] ed to rare metal mineralization [with summary in English]. N.T.Sokolova, V.V.Korelov, [illegible] no.8 696-703 '60.

State Institute of Rare Metals; collected [illegible] Vols. 1 and 2. Reviewed by G.N.Mikh[illegible] met. 33 no.1:89-91 Ja '60.

Using the biogeochemical method of prospecting [illegible] metal deposits. M.F.Kuzin. Razved.[illegible] no.11:16-20 N '59.

METALS AT HIGH TEMPERATURE

Determining the resistance to deformation of [illegible] alloys at high temperatures. G.N.Mikh[illegible] Issl po zharopr. splav. 4:392-397 '59.

Effect of small additions on diffusivity in polycrystalline materials. V.I.Arkharov, S.M.Klotsman, A.N.[illegible] ev. Issl.po zharopr splav. 4 170-174 '59

Effect of structural characteristics on metal [illegible] at high temperatures V A Pavlov and others Issl. zharopr. splav 4 26-35 '59

High temperature oxidation of tungsten, [illegible] tantalum, and rhenium in recrystallized and [illegible] dition. I.N. Frantsevich, V.A Lavrenko Issl. [illegible] zharopr. splav. 4:320-330 '59.

High temperature vacuum calorimetric apparatus. [illegible] Serebrennikov, R.P.Krentsis, P.V.Gel'd Zav.lab. 26 no.1:109-111 '60.

Internal friction in pure metals and alloys at high temperatures V.S.Postnikov. Issl po zharopr. splav. 4 181-187 '59.

Potential mechanical properties of alloys at high temperatures. M.V. Zakharov. Issl.splav.tsvet.met. no.2.9-18 '60.

Properties of ferrite and austenite pipe and [illegible] steels used over a long period and at high temperatures. L.IA. Liberman. Energomashinostroenie [illegible] Ja '60.

Thermocouples made of precious metals for high temperature measurement. A.A. Rudnitskii. Issl po zharopr. splav. 4:380-384 '59.

Unit measuring the velocity and absorption of ultrasound in molten materials at high temperatures. [illegible] Bessonov. Zav.lab. 26 no.1 [illegible]

METALWORK

Acherkan, N.S., ed. [Metalworking handbook; in five volumes] Spravochnik metallista v piati [illegible] ny red. soveta: V.S. Vladislavlev i dr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 5. (Pod red. A.N. Malova). 1960. [illegible]

Gubkin, S.I. [Plastic deformation of metals] Plasticheskaia deformatsiia metallov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry.

Vol. 3. [Theory of plastic metalwork] Teoriia plasticheskoi obrabotki metallov. [illegible]

Making use in the press working of metals of [illegible] appearing between metal surfaces in contact. A.F. [illegible] Issl. splav. tsvet. met. no.2 43-56 '60.

METALWORK, UKRAINIAN

Lvov. Ukrains'kyi derzhavnyi muzei etnografii ta [illegible] n'oho promyslu. [Art objects made from metal in the western provinces of the Ukrainian SSR, 16-19 [illegible]] Khudozhni metalevi vybory zakhidnykh oblastei Ukrains'koi RSR, XVI-XIX st. Kyiv, Vyd-vo Akad. [illegible] 1959. 29 p., 40 plates. [Parallel texts in Ukrainian, Russian, and English.]

METALWORKERS—DISEASES AND HYGIENE

Conference on labor protection in sintering plants. A.V. Sheleketin. Metallurg 5 no.1:42 Ja '60.

METALWORKING MACHINERY

Machine for coiling wheel rims. S.M.Nekhai. Kuz.-shtam.proizv. 2 no 1·47 Ja '60.

METAMATHEMATICS

Constructing an analysis on the basis of the axiomatized geometry of a straight line. IU.A.Gastev. Uch. zap. MGZPI no. 3:46-56 '59.

METATORBERNITE

Crystalline structure of metaotenite $Ca(UO_2)_2(PO_4)_2 \cdot 6H_2O$. E.S.Makarov, V.I.Ivanov. Dokl.AN SSSR 132 no.3 673-676 My '60.

METEORITES

(see also subdivision under Chelyabinsk; Estonia, Podkamennaya; Polar regions; Sikhote-Alin Range; Troyan Mountains, Bulgaria; Tunguska River Basin; Turguskay Valley)

Alieksieieva, O.M. [Comparative investigation of physical properties of stone meteorites and some rocks] Dosvid porivnial'nykh doslidzhen' fizychnykh vlastyvostei kam'ianykh meteorytiv ta deiakykh hirs'kykh porid. Kyiv, Vyd-vo Akad. nauk URSR, 1958. 47 p.

Contribution ot the petrochemistry of ultrabasic rocks [with summary in English]. N.D.Sobolev. Geokhimiia no.8·679-695 '59.

Effects of the fall of large meteorites (theses of a report). K P. Staniukovich Meteoritika no 18 19 '60.

Fundamentals of the theory of the impact of solid bodies with high (cosmic) velocities K P Staniukovich. Isk sput Zem no 4 86-117 '60.

Matiagin, V.S. [Meteors, fireballs, meteorites] Meteory, bolidy i meteority. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 67 p.

Meteoric dust in schlich samples. V.I. Bgatov, IU. A. Cherniaev. Meteoritika no. 18.111-112 '60.

On the Tungus meteorite of June 30, 1908. K.A.Liubarskii Izv.AN Turk.SSR no 6 128-129 '59.

Principal developments in meteoritics in recent times. V.G.Fesenkov Meteoritika no. 18 5-16 '60.

Recent data on the physical properties of stone meteorites. K.N.Alekseeva Meteoritika no. 18 68-76 '60

Results of the chemical analysis of some stone and iron meteorites from the collection of the Academy of Sciences of the U.S.S.R. M.I.D'iakonova, V.IA.Kharitonova. Meteoritika no.18 48-67 '60.

Specific gravity of meteorites. Jerzy Pokrzywnicki. Meteoritika no. 18:41-47 '60.

Using the method of local X-ray spectral analysis for determining the composition of phases in meteorite iron A.A.IAvnel' and others. Meteoritika no. 18:77 '60.

METEORITES—AGE

Using the lead-isotope method in determining the age of meteorites. I.E.Starik, E.V.Sobotovich, M.M.Shats. Meteoritika no. 18 88-91 '60.

METEORITES—ANALYSIS

(see also subdivision under Moscow Province)

Argon in meteorites. A.P.Vinogradov, I.K.Zadorozhnyi, K.G Knorre. Meteoritika no. 18:92-99 '60.

New data on the determination of uranium content in meteorites. I.E.Starik, M M.Shats. Meteoritika no. 18: 83-87 '60

Preliminary results of the luminescence analysis of bitumenous materials in four carbonaceous chondrites. G.P. Vdovykin. Meteoritika no. 18.78-82 '60.

METEORITES—EXHIBITIONS see subdivision under Moscow

METEOROLOGICAL INSTRUMENTS

Instrumental measurements of the ceiling height. N.S. Bozhevikov. Trudy NIIGMP no. 7.63-72 '59.

METEOROLOGICAL INSTRUMENTS—TESTING

Equipment for testing and verifying humidity measuring instruments G.N.Alianchikova Trudy NIIGMP no. 7:92-98 '59

Some results of aerodynamic investigation of shields for aerological instruments. S.I.Napomniashchii. Trudy NIIGMP no. 7:80-84 '59.

METEOROLOGICAL OPTICS

Color phenomena in the atmosphere. A.D.Zamorskii. Priroda 49 no.5 85-87 My '60.

METEOROLOGICAL RESEARCH

Biometeorology. G.M.Frank and others. Znan.sila 35 no.1·25-27 Ja '60.

METEOROLOGY

(see also subdivision under Antarctic regions; Baydarata Bay region; Kazakhstan; Tiflis region)

Crosses and swords in the skies. V. Babak. Ukraina no 3 32 F '60.

Graphic representation of the obstruction degree of the horizon. M.S.Averkiev. Meteor.i gidrol. no.5:32-34 My '60.

Setup of the problem of stationary structure of the atmospheric boundary layer. D.L.Laikhtman. Trudy GGO no. 94 3-7 '60.

Stationary distribution of wind, temperature, and turbulent exchange in the atmospheric boundary layer under different stability conditions. G.Kh TSeitin, L.R. Orlenko. Trudy GGO no. 91:8-28 '60.

Vorontsov, P.A. [Aerological investigation of the boundary layer of the atmosphere] Aerologicheskie issledovaniia pogranichnogo sloia atmosfery. Leningrad, Gidrometeor. izd-vo, 1960 450 p.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CONGRESSES see subdivision under Asia

METEOROLOGY—OBSERVATIONS see subdivision under Mirnyy region, Antarctica

METEOROLOGY, AGRICULTURAL

Establishing dates of stable transition of air temperatures beyond certain limits. N.I.Sinitsyna. Trudy OGMI no. 18 85-89 '59.

Scale of nocturnal temperatures. M.Kaganov, IU. Rozenshtok. Znan sila 35 no 1·6 Ja '60.

METEOROLOGY, MARITIME

A weather ship. S.Chumakov. Znan.ta pratsia no.2: 2-4 F '60.

METEOROLOGY IN AERONAUTICS

Application of Richardson's criterion to the prognosis of bumpy air affecting airplane flight R.M.Medzhitov Sbor.rab Minsk GMO no.2·23-27 '59.

METEORS

Artificial earth satellites and meteors. B.IU.Levin. Meteoritika no. 18.20-25 '60.

Bright bolide. P.A.Shchekolovich. Priroda 49 no.5· 109 My '60

Daily variation of the mean number of meteors per hour in a shower detected by radar. E.I.Fialko. Biul.Inst. astrofiz.AN Tadzh.SSR no.27:25-30 '59.

Dependence of the average hourly number of detected meteors on the wave length of the radar station. E.I. Fialko. Izv.TPI no. 86:22-26 '58.

Determining the meteor radiant by the method of sustained oscillations. G.V.Avraamova. Biul.Inst.astrofiz. AN Tadzh.SSR no. 27:31-36 '59.

Distortion of pulse signals with resonant reflection from meteor trails E.K.Nemirova. Izv.TPI no. 86.150-16? '58.

Effect of changes in the intensity of cosmic noises on the daily distribution of the number of reflections from meteors. L.P.Serafinovich. Biul.Inst.astrofiz AN Tadzh.SSR no.27:37-39 '59.

Heights and velocities of meteors. N.N.Suslova. Biul Inst.astrofiz AN Tadzh.SSR no.25 15-18 '59.

Investigating meteoric particles on the third Soviet artificial earth satellite. T.N.Nazarova Isk.sput Zem no 4.165-170 '60.

Matiagin, V.S. [Meteors, fireballs, meteorites] Meteory, bolidy i meteority. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1959. 67 p.

Meteoric matter and some problems in the geophysics of the high layers of the atmosphere. B A Mirtov. Isk. sput.Zem. no 4:118-134 '60.

Polarization effect caused by reflection of radio waves from meteor trails (effect on the duration of reflection). E.K.Nemirova. Biul.Inst.astrofiz.AN Tadzh.SSR no. 27:17-24 '59.

Results of investigating meteoric matter with instruments mounted in cosmic rockets. T.N.Nazarova. Isk.sput. Zem. no.5:38-40 '60.

Study of meteors by use of radar. E.I.Fialko. Izv.TPI no. 88:17-21 '58.

METEORS—AUGUST

Photographic observations of Perseids. P.B.Babadzhanov. Biul.Inst.astrofiz.AN Tadzh.SSR no.26 13-20 '58.

METEORS—JULY

Investigating the trail of the meteor of July 30, 1957. B.G.Balan. Biul.Inst.astrofiz.AN Tadzh.SSR no.26 21-24 '58.

METERS

Effect of some radar parameters on the average hourly number of detected meteors. E I. Fialko. Izv.TPI no 86·27-40 '58.

METHACRYLAMIDE

Hydrogen bond and the polymerization capacity of o-, m-, and p-substituted N-phenylmethacrylamides. Part 4 [with summary in English]. T.A.Sokolova, G.M. Chetyrkina, V.N.Nikitin. Vysokom.soed. 1 no.11: 1599-1603 N '59.

METHACRYLIC ACID

Carbochain polymers and copolymers. Part 19: Interaction between polymethyl methacrylate and polyethylene sebacate [with summary in English]. G.S.Kolesnikov, Tsêng Han-ming. Vysokom.soed. 1 no.11·1733-1738 N '59.

Polymerization of certain monomers during the dispersion of inorganic substances [with summary in English]. N.A.Plate, V.V.Prokopenko, V.A.Kargin. Vysokom. soed. 1 no.11:1713-1720 N '59.

Viscosity of concentrated solutions of styrene - methacrylic acid copolymers [with summary in English]. IU.S.Lipatov, P.I.Zubov. Vysokom.soed. 1 no.11: 1655-1658 N '59.

METHANE

Diarylmethanes and their derivatives Part 6: Syntheses of arylnaphthylmethanes by the condensation of α-chloromethylnapthalene with aromatic hydrocarbons N.K. Moshchinskaia, N.N Budinskaia, L S. Lakhmanchuk Ukr.khim.zhur 26 no 1:88-91 '60.

Exhalation of methane by young cattle [with summaries in English, German, and French]. P.V.Demchenko. Vest.sel'khoz.nauki 5 no.1.143-147 '60.

Heats of combustion of phenyl-substituted methane derivatives. V IA Kurbatov, N.D Lebedeva. Trudy VNIIM no 34:21-28 '58

Infrared spectroscopic studies of the aging of polyvinylethylal [with summary in English]. E.V.Shuvalova. Vysokom soed. 1 no.12:1749-1753 D '59

Secondary reactions of the recoil atoms bromine-82 and bromine-80m in bromomethanes. A.N.Nesmeianov and others. Radiokhimiia 1 no 6:712-718 '59.

Spatial structure relationships and reactivity. Part 16: Kinetics of reactions between amino derivatives of diphenylmethane and bibenzyl, and n-nitrobenzoyl chloride and picryl chloride L.M.Litvinenko, N.F. Levchenko. Zhur.ob.khim. 30 no.5 1673-1680 My '60.

Studies in the series of diarylmethanes and their derivatives. Part 7· Synthesis of mesityl-α-naphthylmethane Thermal conversions of higher products resulting from the condensation of formaldehyde with mesitylene N.K. Moshchinskaia, V.I.Chernenko, B S Bouden. Ukr. khim zhur. 25 no.6 762-766 '59.

Studying the processes of reduction and electrolytic reduction of certain organic substances on a Pd electrode. Part 1· Reduction and electrolytic reduction of nitromethane. A.V.Shashkina. Vest.Mosk.un.Ser. mat.,mekh.,astron.,fiz.,khim. 14 no.3:135-149 '59.

METHANESULFONYL CHLORIDE

Reactions of chloromethanesulfonyl chloride with some aromatic amines. A.G.Kostsova. Trudy VGU 40: 15-17 '58.

METHANOL

Production of trimethylcarbinol using gases from petroleum refining by the sulfuric acid method, and its dehydration to isobutylene. S.S.Nazarova. Zhur.prikl.khim. 33 no.2 448-454 F '60.

Vapor pressure of methanol at temperatures from 5 to 50°. M L. Kliueva, K.P.Mishchenko, M.K.Fedorov. Zhur.prikl.khim. 33 no.2:173-175 F '60.

METHIONINE

Incorporation of radiomethionine and radiotyrosine into the brain tissue in single and repeated epileptic seizures induced experimentally [with summary in English]. K.I.Pogodaev, N.F.Turova. Ukr.biokhim.zhur. 31 no.6·849-858 '59.

Influence of methionine on the higher nervous activity of rats in protein deficiency [with summary in English]. I.A.Alekseeva, S.I.Kaplanskaia-Raiskaia. Vop.pit. 19 no.1 45-48 Ja-F '60.

METHOD OF LEAST SQUARES see Least squares

METHYLENIMINE

Synthetic dyes. Part 17: Synthesis of azomethines via the condensation of quaternary N-arylquinaldinium salts with α-nitroso-β-naphthol. O.T.Piliugin, S.V.Shinkorenko. Zhur.ob.khim. 30 no.5:1656-1660 My '60.

METRAZOLE

Synthesis of corasole (α,β-pentamethylenetetrazole) from caprolactum. R.G.Glushkov, E.S.Golovchinskaia. Med.prom. 14 no.1:12-16 Ja '60.

MEXICANS see subdivision under United States

MEXICO—CYCLONES

Caused by the ocean. V.Turkin, I.Turkin. Vokrug sveta no.2·6-8 F '60.

MEXICO—DESCRIPTION AND TRAVEL

Mexican notes. L.Kamynin. Sov.pech. no.1·55-59 Ja '60.

MEXICO—HISTORY

Indians and their culture. A.Viernes. V zashch.mira no. 102:79-85 N '59.

MEXICO—PETROLEUM INDUSTRY

The nationalization of the petroleum industry in Mexico. A.F.Shul'govskii. Nov.i noveish.ist. no.1:68-85 '60.

MEXICO—RELATIONS (GENERAL) WITH RUSSIA

The route to the stars is the path to the brotherhood of peoples. Juan Miguel de Mora. Inostr.lit. no.12: 220-231 D '59.

MEYER, BERNARD

Tale about working people in Holland ("Forward with a glance at the past" [in Dutch] by Bernard Meyer. Reviewed by I.Volovich). Inostr.lit. no.12:254-265 D '59.

MEZHEVAYA DISTRICT--FARMHOUSES
We are constructing buildings for collective farmers. P. Demydenko. Sil' bud. 7 no.12:11 D '57.

MEZIN
New data on the fauna of the ancient site at Mezin. I.G. Pidoplichko. Krat. soob. Inst. arkheol. AN URSR no.8:104-109 '59.

MEZIN--MOLLUSKS, FOSSIL
Sea mollusks from the ancient site at Mezin. A.S. Rudenko. Krat. soob. Inst. arkheol. AN URSR no.8:110-111 '59.

MEZIN--STONE AGE
Lower level of the Mezin paleolithic site. I.G. Shovkoplias. Krat. soob. Inst. arkheol. AN URSR no.8:97-103 '59.

MGINSKIY DISTRICT--COLLECTIVE FARMS
Man goes farther. Pavel Petunin. [illegible] no.11:12-19 N '59.

MIAMI--AUTOMOBILES--EXHIBITIONS
"Volga" and "Moskvich" at the exhibition in Florida. I. Naumov. Vnesh. torg. 30 no.6:30 '60.

MIAZINA, EKATERINA PETROVNA
One can't argue with the years. A. [illegible]. Teatr. zhizn' no.21:28 D '59.

MICA
(see also subdivision under [illegible])
Basic trends characterizing the use of mica-containing electric insulation in the United States. A.V. [illegible]. Elektrichestvo no.2:85-88 F '60.

MICE
Length of time food stays in the digestive tracts of the common and social voles and of white mice. I.L. Pravdina. Trudy VIZR no.12:136-144 '58.
Origin of spermatophores in white mice [with summary in English]. S.M. [illegible]. Zhur. ob. biol. [illegible]

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
Lenin revealed Michurin to the people. [illegible]
Michurin's theory refutes the fables of religion. V. [illegible]

MICHURINSK--LOCOMOTIVES--MAINTENANCE AND REPAIR
The institute cooperates with the plant. A. [illegible]. NTO 2 no.2:60 F '60.
Pioneer units in motion picture theaters. N. Danilova. Kul't.-prosv. rab. 31 no.1:20 Ja '60.

MICHURINSK DISTRICT--COLLECTIVE FARMS
The collective [illegible]. N. [illegible]. Ogonek 38 no.2:2 Ja '60.

MICKIEWICZ, ADAM, 1798-1855
Mickiewicz on the eve of the Decembrist uprising; [illegible] the history of the Polish-Russian literary relations. [illegible]

MICROBIOLOGICAL SOCIETIES
Organization congress of the All-Union Microbiological Society. A.D. [illegible]. Vest. AN SSSR 30 no.5:103-104 My '60.

MICROBIOLOGY
Current problems in microbiology. [illegible] of the Seventh International Congress for Microbiology. [illegible] Zhur. mikrobiol. epid. i immun. [illegible] no.12:100-103 '59.
Defense of dissertations. A.F. Kosmachev. Mikrobiologiia 29 no.1:157-159 Ja-F '60.
Specificity of micro-organisms [with summary in English]. G.I. Seliber. Mikrobiologiia 29 no.1:71-78 Ja-F '60.
Toward new successes in the new year. Zhur. mikrobiol., epid. i immun. 31 no.1:3-4 Ja '60.

MICROBIOLOGY--BIBLIOGRAPHY see Bibliography--Microbiology

MICROBIOLOGY--CONGRESSES
Experimental production of useful variants of microorganisms. V.V. Alferov. Vest. AN SSSR 30 no.5:103-107 My '60.

MICROCLIMATOLOGY
Effect of soil and microclimatic factors on the formation of the jute fiber. F.M. [illegible]. Trudy [illegible] no.18:[illegible]-109 '58.
Microclimate in the herbage of a corn field and its relation to different planting methods. N.IA. [illegible], D.P. Bilyk. Trudy [illegible] no.18:31-41 '59.

MICROCOCCUS
Effect of a surface active substance on the enzymatic system oxidizing malic acid in cytoplasmic membranes of Micrococcus lysodeikticus [with summary in English]. N.S. Gel'man, I.G. Zhukova, A.I. Oparin. Biokhimiia 24 no.6:1074-1078 N-D '59.

MICROORGANISMS
[illegible] of living plants [with summary in English]. [illegible]

MICROORGANISMS--[illegible]
Destruction of the cellulose [illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

MICROWAVES
[illegible]

[illegible]
[illegible]

[illegible] see [illegible]

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[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

MILITARISM
(see also subdivision [illegible])
Liebknecht, Karl, [illegible] Militarism and anti-militarism, [illegible]

MILITARY ART AND SCIENCE--[illegible]
[illegible]

[illegible]

MILLING MACHINES (Continued)

Modernizing the mechanism for the longitudinal table travel of the FU-1 type horizontal milling machine made by the Reinecker Company. Mod. metallorezh. stan. no.7:6-7 '58.

Modernizing the spindle head of the vertical milling machine made by the Reinecker Company. Mod. metallorezh. stan. no.7:13-14 '58.

Mounting a turntable with a separate drive on the vertical milling machine made by the Hermsdorf Company. Mod. metallorezh. stan. no.7:21-23 '58.

Theory on the cutting of solids of revolution with cylinder cutters. I. I. Markhonin, A. A. Petrosiants. Trudy MIR no.20:185-192 '57.

MILLING MACHINES—ATTACHMENTS

Attachment for continuous milling of grooves. Mod. metallorezh. stan. no.7:24-26 '58.

Attachment for cutting toothed racks on horizontal milling machines. Mod. metallorezh. stan. no.7:14-16 '58.

Attachments for grinding splined rollers. Mod. metallorezh. stan. no.5:24-30 '59.

Attachments for machining splined joints of shafts. Mod. metallorezh. stan. no.5:21-24 '59.

Slotting attachment to the 6N8M-type milling machine. Mod. metallorezh. stan. no.7:18-20 '58.

MILLING MACHINES—ELECTRIC DRIVING

Mechanism for fast table travel of the Fg 40 milling machine made by the Wotan Company. Mod. metallorezh. stan. no.7:1 '58.

MILLING MACHINES—TECHNOLOGICAL INNOVATIONS

Automatic line for milling and boring. G. A. Boshnich. Mekh. i avtom. proizv. 14 no.2:9-11 F '60.

MINE BUILDINGS

Mine surface building should be carried out at the highest technological level. Shakht. stroi. 4 no.2:1-4 F '60.

MINE COMMUNICATIONS

(see also subdivision under Lugansk Province)

Frequency division multiplexing of a mine power cable system for purposes of remote control and communications. M. M. Saskin, A. A. Il'in. Trudy Inst. gor. dela Sib. otd. AN SSSR no.3:221-231 '59.

Multichannel [illegible] systems with polarity amplitude block selection. I. P. Petrov, A. I. Il'in. Izv. vys. ucheb. zav.; gor. zhur. no.1:81-86 '60.

MINE DRAINAGE

(see also subdivision under Kuznetsk Basin)

Developing mining in watered rocks with the help of drainage boreholes. N. V. Sheshko. Shakht. stroi. 4 no.1:21-24 Ja '60.

Peculiarities of draining certain sulfur deposits in Central Asia. D. I. Peresun'ko. Izv. vys. ucheb. zav.; gor. zhur. no.10:18-23 '59.

MINE DUSTS

Distribution of particles according to size in the dust of [illegible]. A. S. Burchakov. Izv. vys. ucheb. zav.; gor. zhur. no.10:59-63 '59.

MINE DUSTS—SAFETY MEASURES

Dust prevention in mines in the Kuzbass. Bezop. truda v prom. 4 no.2:1 F '60.

MINE GASES

(see also subdivision under China, Siberian Platform)

Akademiia nauk SSSR. Institut gornogo dela. [Problems of mine air studies; on the 85th birthday of Academician A. A. Skochinskii] Problemy rudnichnoi aerologii; k 85-letiiu akademika A. A. Skochinskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 375 p.

Direction of gas drainage holes in steeply pitching seams. E. A. Litvinenko. Izv. vys. ucheb. zav.; gor. zhur. no.10:56-58 '59.

Method of estimating the methane content in development mines. V. S. Orekhov. Izv. vys. ucheb. zav.; gor. zhur. no.10:63-67 '59.

Reducing methane content in the areas surrounding cutting machines and cutter loaders by means of auxiliary fans mounted on the machinery. A. M. Stepanov. Ugol' Ukr. 4 no.1:16-18 Ja '60.

Selecting measures of gas control in coal mines. N. M. Epishin. Trudy Gor.-geol. inst. UFAN SSSR no.41:113-117 '59.

Some results of determining the velocity index of gas release from seams subject to sudden outbursts. G. I. Gritsko. Izv. TPI 93:108-113 '58.

MINE GASES—SAFETY MEASURES

Continuous methane-detection relay. V. [illegible], F. P. Karpov, [illegible]. Bezop. truda v prom. 4 no.2:32-34 F '60.

MINE HAULAGE

Comparative evaluation of modern forms of opencut mine haulage. D. V. Faddeev. Trudy Gor.-geol. inst. UFAN SSSR no.41:165-179 '59.

KSR-1 scraper conveyer. V. G. [illegible], K. I. Krasilov. Ugol' Ukr. 4 no.1:27-28 Ja '60.

Labor input used in underground transportation and ways to reduce it. Z. M. Leites. Ugol' 35 no.1:41-44 Ja '60.

Selecting the number and the capacity of dump trucks for rock haulage to waste piles during mine development work. I. G. Koskov. Izv. vys. ucheb. zav.; gor. zhur. no.5:25-30 '59.

Using the VIIG apparatus in the remote control of conveyers. D. I. Vdovin, V. G. Ulitin. Biul. tekh.-ekon. inform. no.1:3-5 '60.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

see subdivision under Bulgaria

MINE HAULAGE—SAFETY MEASURES

Admissible speed for buggies developed by the Makeyevka Scientific Research Institute and equipped with safety catches. I. M. Beliavskii. Izv. vys. ucheb. zav.; gor. zhur. no.8:55-62 '59.

MINE HOISTING

(see also subdivision under Kuznetsk Basin, Lugansk Province)

Behavior of the tail rope in balanced mine hoisting systems. B. L. Davydov. Izv. vys. ucheb. zav.; gor. zhur. no.10:128-131 '59.

Dynamic forces and strains in mine hoisting ropes during sudden stoppages of the descending end in continuous hoisting. V. V. Morozov. Izv. vys. ucheb. zav.; gor. zhur. no.5:78-86 '59.

Equalizing rope tension in multirope hoisting equipment. P. P. Nesterov, N. A. Samatkov. Izv. vys. ucheb. zav.; gor. zhur. no.5:97-100 '59.

Load regulator for the automatic control circuit for a mine hoist with an asynchronous drive. O. G. Kersalt. Trudy Inst. gor. dela Sib. otd. AN SSSR no.1:151-155 O '59.

Machine for hydraulic rock hoisting. M. P. Zhurcha. Ugol' Ukr. 4 no.1:40 Ja '60.

Maximum tension in mine hoisting ropes under regular conditions of hoisting. N. P. Neronov. Izv. vys. ucheb. zav.; gor. zhur. no.10:107-113 '59.

Naidenko, I. S. [Inspection, adjustment and testing of brake systems on mine hoisting machines] Reviziia, naladka i ispytanie tormoznykh ustroistv shakhtnykh pod"emnykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 205 p.

Numerical evaluation of maximum tension in mine hoisting ropes under regular conditions of hoisting. P. A. Zhuravlev, A. I. Zakharevich. Izv. vys. ucheb. zav.; gor. zhur. no.10:114-118 '59.

Residual lengthening of ropes in multirope hoisting. N. K. Goncharenko. Izv. vys. ucheb. zav.; gor. zhur. no.8:110-112 '59.

Self-correcting electric depth indicator for mine hoists. B. D. Kosilin, V. I. Belousov. Ugol' Ukr. 4 no.1:28-29 Ja '60.

Shock loads on the chain drive in conveyor hoisting. A. K. Isaikin. Izv. vys. ucheb. zav.; gor. zhur. no.10:91-97 '59.

Stability of automatic speed control systems for mine hoisting machines. L. A. Pelov. Izv. vys. ucheb. zav.; gor. zhur. no.6:44-51 '59.

Theory of stress distribution in two-layer hoisting ropes. M. F. Glushko. Izv. vys. ucheb. zav.; gor. zhur. no.5:101-111 '59.

Torsional vibrations of mine hoisting ropes. M. F. Glushko. Izv. vys. ucheb. zav.; gor. zhur. no.8:101-109 '59.

Vasilevskii, M. N. [Asynchronous drives for mine hoisting machinery] Asinkhronnyi privod shakhtnykh pod"emnykh mashin. Izd. 2., dop. i ispr. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 387 p.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Automatic skip filling mechanism. A. I. Lityshev. Ugol' Ukr. 4 no.1:41 Ja '60.

Dubikov, I. V., and others [Hoisting equipment in mine building] Pod"emnye ustanovki v shakhtnom stroitel'stve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 290 p.

Readers' response to G. I. [illegible] article "Advantage of using tower friction sheaves for multirope hoisting." V. V. Balabanov, S. L. Vinogradov. Shakht. stroi. no.1:16-18 Ja '60.

MINE HOISTING—SAFETY APPLIANCES

Selecting a safety margin for the slipping of mine hoists with pulleys and friction drums. A. P. Zinin. Izv. vys. ucheb. zav.; gor. zhur. no.8:74-81 '59.

MINE INSPECTION

In the State Mine Inspection of the R.S.F.S.R. Bezop. truda v prom. 4 no.2:39 F '60.

MINE LIGHTING

The 'Ukraina' head lighting. N. A. Zhulidov, N. I. Getvard. Bezop. truda v prom. 4 no.2:24-25 F '60.

MINE LIGHTING—EQUIPMENT AND SUPPLIES

Mine lighting equipment should be improved. B. S. Skvortsov. Shakht. stroi. 4 no.2:27-28 F '60.

MINE MANAGEMENT

Putting order in work organization and the establishment of technical norms for mining operations. I. G. Kheifets, V. A. Chekarev. Shakht. stroi. 4 no.2:4-6 F '60.

MINE PUMPS

(see also subdivision under Lugansk Province)

AB-7m type equipment for the automatic control of mine water pumping. Shakht. stroi. 4 no.2:3 of cover F '60.

Replacement of the intake valves in AIaP-300 pumps. A. I. Chernov, I. V. Bespalov. Prom. energ. 15 no.1:20 Ja '60.

MINE RAILROADS

(see also subdivision under Germany, West)

"Bicycles" in mines. R. Sokolovs'kyi. Ukraina no.4:21 F '60.

Electrification of mine railroad transportation using an alternating single phase commercial frequency current. V. N. Stadnik. Izv. vys. ucheb. zav.; gor. zhur. no.4:97-105 '59.

High frequency parameters of a contact network. A. A. Il'in. Trudy Inst. gor. dela Sib. otd. AN SSSR no.3:242-249 '59.

History of the development in the U.S.S.R. of electric mine railroads operating on alternating current. A. A. Shvartsman. Izv. vys. ucheb. zav.; gor. zhur. no.5:143-150 '59.

MINE RAILROADS—CARS

(see also subdivision under Lugansk Province)

Compressed-air pusher for mine cars. N. V. Novikov, M. P. Mashkov. Shakht. stroi. 4 no.2:23-24 F '60.

Investigating ore loading and car change in drift mining. P. V. Akimochkin, V. G. Luk'ianov. Izv. vys. ucheb. zav.; gor. zhur. no.5:10-24 '59.

MINE RAILROADS—SIGNALING

Analyzing relay systems of mine railroad signaling built upon the principle of using relays with magnetic locks. A. G. Karibaev. Izv. vys. ucheb. zav.; gor. zhur. no.6:64-76 '59.

MINE ROOF BOLTING

Anchor bolting. V. V. Gubin. Izv. TPI 93:131-141 '58.

Metal supports with increasing resistance used in stopes. I. N. Vorobeev. Bezop. truda v prom. 4 no.2:6-8 F '60.

Rod bolting for sheathings. D. S. Prokop'ev, E. A. Katsov. Shakht. stroi. no.1:23-25 Ja '60.

Roof control and timbering in the coal mines of the Chinese People's Republic. A. D. Panov, M. N. Galoskul, N. P. Bushuev. Ugol' 35 no.1:52-60 Ja '60.

MINE SURVEYING

Acceptable accuracy for calculating approximate coordinate points in mine surveying triangulation determined by multiple intersection. K. G. Kozovov. Izv. vys. ucheb. zav.; gor. zhur. no.6:36-40 '59.

Calculating orientation through two shafts. S. E. Mining. Izv. vys. ucheb. zav.; gor. zhur. no.5:37-38 '59.

Calculating the distance between plumb lines by adjoining connective triangles. V. I. Akulov. Izv. vys. ucheb. zav.; gor. zhur. no.5:31-36 '59.

Conversion of geodetic coordinates to rectangular ones and the other way around with the help of special tables. B. I. Bol'shakov. Izv. TPI 93:191-207 '58.

Equating the system of connecting underground manways to the orientation through three and more vertical mine shafts. V. I. Akulov. Izv. TPI 93:171-183 '58.

General method of calculating and evaluating the accuracy of orientations through two vertical mine shafts. V. I. Akulov. Izv. TPI 93:158-170 '58.

Generalization of the Gauss theories. B. F. Kriulov. Izv. TPI 93:208-218 '58.

Indicator of shaft inclination. V. I. Fedorov. Shakht. stroi. no.1:23 Ja '60.

Map compilation from a surface photo survey with use of parallax adjustment tables. I. IA. Reizenkind. Izv. vys. ucheb. zav.; gor. zhur. no.10:35-38 '59.

Method of calculating orientation through two vertical mine shafts with minimum error in underground surveys. V. I. Akulov. Izv. TPI 93:184-190 '58.

Ogloblin, D. N., I. IA. Reizenkind, and N. V. Kommodov. [Tables for open-pit mine surveying] Tablitsy dlia marksheiderskoi s"emki kar'erov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 234 p.

Photogrammetric grid for the compilation of maps of a uniformly inclined plane in open-pit mine surveying. I. A. Kaganskii. Izv. vys. ucheb. zav.; gor. zhur. no.10:29-34 '59.

Rodionov, L. E. [Mine surveying in open pit mining] Marksheiderskoe obsluzhivanie otkrytykh gornykh razrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 219 p.

Solution of a problem by the method of least squares in the light of Cayley's and Banachiewicz' algebraic theories. G. E. Mepurishvili. Izv. vys. ucheb. zav.; gor. zhur. no.10:39-45 '59.

Using the method of geodetic intersections in plotting a planned working basis for surveying open-cut mines and geological prospecting operations. M. V. Postnikov. Izv. TPI 93:234-238 '58.

MINE SURVEYING—STUDY AND TEACHING

Interuniversity scientific conferences. A. I. Tokmakov, G. I. Gerasimenko. Vest. vys. shkoly 17[i.e.18] no.5:31-33 My '60.

MINE TIMBERING

(see also subdivision under: China, Donets Basin, Lvov-Volyn' Basin)

Chapronov, G.D. [Mining and mine timbering] [illegible] Moskva, [illegible] tekhn. izd-vo lit-ry po gornomu delu, 1960. [illegible] p.

Classification of roof caving [illegible]

[illegible]

Investigating the behavior of mine and special supports [illegible] V. N. [illegible]

Manifestations of rock pressure studied on the [illegible] "Moskovskii"-type supports. V. I. Popov. [illegible]

Results of testing [illegible]

[illegible]

[illegible]

MINE VENTILATION

[illegible]

Air conditioning [illegible]

[illegible]

[illegible] M.M. [Mine ventilation] [illegible] Moskva, [illegible] po gornomu delu, 1960. [illegible] p.

Calculating [illegible]

[illegible]

Methods for [illegible]

Method of [illegible]

Methods of [illegible]

[Mine [illegible]] [illegible]

[illegible]

[illegible]

[illegible]

Ventilation of dead-end [illegible] workings [illegible]

MINE VENTILATION—EQUIPMENT AND SUPPLIES

[illegible], M.P. [Mine ventilation systems] [illegible] Moskva, [illegible] izd-vo lit-ry po gornomu delu, 196[illegible]. [illegible] p.

MINE WATER

Calculations of [illegible]

Determining the [illegible] of surface waters [illegible]

MINERAL INDUSTRIES—[illegible] Ural Mountain region

MINERAL WATERS

(see also subdivision under: [illegible])

[illegible]

[illegible]

MINING ENGINEERING—COSTS
Using the economic factor to determine the distance between ventilation shafts in drifting. P.V.Akimochkin Izv.TPI 93:104-107 '58

MINING ENGINEERING—EQUIPMENT AND SUPPLIES
Current problems in the further mechanization of the mining of potassium ores. A.N.Andreichev. Khim. prom. no.7:600-[illegible] O-N '59
Mechanized mining shield having 3.66 m in diameter. A.G.Kirillov, I.A.Blaklnov. Shakht.stroi. 4 no.2: 21-23 F '60

MINING ENGINEERING—SAFETY MEASURES
Safety problems in the design and operation of mine winches. N.A.Malevich. Shakht.stroi. 4 no.2:[illegible] [illegible] '60

MINING ENGINEERING—STUDY AND TEACHING
Laboratories for training in mining automation. M.Vavilov. Prof.-tekh.obr. 17 no.1:31 Ja '60

MINING ENGINEERING—TECHNOLOGICAL INNOVATIONS see subdivision under Achinsy

MINING GEOLOGY
Rock pressure theories and the current objectives of scientific research. V.N.[illegible] Trudy Inst.gor.dela Sib.otd.AN SSSR no.2:[illegible] '60

MINING INDUSTRY AND FINANCE
Improving the utilization of capital assets of the coal mining industry. V.I.Gavrilov. Ugol' [illegible] no.1:44-47 Ja '60.
Over-all plan for the rebuilding of the existing capital assets of Donets Basin mines. L.V.[illegible], V.A.[illegible] Ugol' 35 no.1:[illegible]-40 Ja '60

MINING MACHINERY
Distribution of specific contact forces at the front edge of a cutter during rock breaking. N.G.Kartavyi Izv.vys.ucheb.zav.;gor.zhur. no.10:[illegible] '59
Improve mining machines. [illegible] Shakht.stroi. no.1:[illegible] Ja '60.
Lipov, P.P. [Mining machine operator] [illegible] Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 200 p.
Mikhailov, I.E., and A.I.[illegible]. [Reducers for mining machines] Reduktory gornykh mashin Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959 254 p
Using cutters with rotating cutting edges in [illegible] machines. B.E.Cherkasov. [illegible] no.[illegible] D '59.

MINING MACHINERY—TECHNOLOGICAL INNOVATIONS
New machine used in drift mining. [illegible] I.N.Makolov. Mekh.i avtom.proizv. 14 no.1:[illegible] Ja '60

MINING RESEARCH
Coordination conference on blasting operations. M.N.Konashov. Ugol' 35 no.2:63 F '60.

MINKS see subdivision under Altai Territory, Sakhalin

MINSK—ART SCHOOLS
Farewell! P.Bernshteinovich. Belarus' 17 no.1:16 [illegible] Ja '60.

MINSK—AUTOMOBILE INDUSTRY
The use of visual propaganda. Blok.agit. [Bel.] no.1: 15-18 Ja '60.

MINSK—BEARING INDUSTRY
Technological progress is a decisive condition for the carrying out of the seven year plan. N.I.Pod[illegible]. Blok.agit.[Bel.] no.22:[illegible] Ag '59.

MINSK—BOARDING SCHOOLS
They are at home. I.Mazanik. Belarus' 17 no.1:[illegible] Ja '60.

MINSK—CITY PLANNING
New principles in planning and building large residential blocks as exemplified by the planning of a new district in the city of Minsk. [illegible] Stroi.i arkh.[illegible] Bel.politekh.inst. no.[illegible] '59.

MINSK—CIVIC IMPROVEMENT
Participation of the masses in the work of improvement of our city. V.[illegible]. Part.zhizn' [illegible] no.[illegible] Mr '60

MINSK—COMMUNISTS
Always with our people. P.Mar'[illegible]. Agitator no.4: 50-51 F '60.

MINSK—FIRE DEPARTMENTS
Quickly, with knowledge of the matter. [illegible] Pozh.delo 6 no.2:[illegible] F '60

MINSK—HOSPITALS
On the 125th anniversary of the Second Minsk Clinical Hospital. Zdrav.Belor. 6 no.1:78 Ja '60

MINSK—INFLUENZA
Some peculiarities in the clinical course of grippe in 1959. B.D.Dzivotinov and others. Zdrav.Belor. 6 no.1:40-42 Ja '60

MINSK—LEATHER INDUSTRY
Provide better assistance to permanent production conferences. M.[illegible]. Kozh.-obuv.prom. 2 no.1:[illegible] Ja '60

MINSK—PAINTING—STUDY AND TEACHING
Studio of pictorial art. D.Miadan. Belarus' 17 no.1:[illegible] Ja '60

MINSK—RAILROADS—CROSSINGS
New overpass is ready. M.[illegible] Belarus' 17 no.1:3 Ja '60.

MINSK—SHOE INDUSTRY
New happiness. L.Antadzeva. Rab.i sial. 30 no.1:4-5 Ja '60.

MINSK—SHOE MANUFACTURE
Original [illegible] actions in the [illegible] Shoe Factory in Minsk. G.[illegible] Kozh.-obuv.prom. 2 no.1:[illegible] Ja '60.

MINSK—TRACTOR INDUSTRY
Economical consumption of electric power is a problem of great importance. Blok.agit. [Bel.] no.1:[illegible]-11 Ja '60.
Mikalai [illegible], on innovator. M.Mikalaeu. Belarus' 17 no.1:[illegible] Ja '60
Sixty minutes earlier. Vasil' D.[illegible]. Belarus' 17 no.1:10 Ja '60.
Stimulating words. Blok.agit. [Bel.] no.37:24-29 S '59.
We should keep on incomes. Blok.agit. [Bel.] no.34: 33-37 D '59.

MINSK—WORKERS
Mass political work in night shifts. M.Shapkina. Blok. agit. [Bel.] no.27:[illegible] S '59.

MINSK PROVINCE—AGRICULTURE
Toward new achievements in agriculture. A.[illegible]. Kommunist Bel. [illegible] no.2:[illegible] '60

MINSK PROVINCE—CITY PLANNING
Growth of collective farm villages. I.Korobkin. Zhil. stroi. no.2:[illegible] '60
Planning and building the central village on the Lenin collective farm in Minsk Province. N.N.Al[illegible] [illegible] Bel.politekh.inst. no.81:[illegible] '59.

MINSK PROVINCE—MEDICAL PERSONNEL
Meeting of the medical personnel of Minsk Province. Zdrav.Belor. [illegible] no.[illegible] Mr '60

MINSK REGION—ATMOSPHERIC TURBULENCE
Measurements of micro-turbulence in the lower five-kilometer layer of the free atmosphere over Minsk. B.M.[illegible] [illegible] Minsk GMO no.[illegible] '59

MINSK REGION—CLOUDS
Height and thickness of some cloud forms over Minsk. I.[illegible] [illegible] Minsk.GMO no.2:[illegible] '59

MINSK REGION—HUMIDITY
A.M.[illegible] tables for determining additional deficit [illegible] of special humidity. I.A.[illegible] [illegible] Minsk GMO [illegible] '59

MINSK REGION—SOLAR RADIATION
[illegible] stress [illegible] in Minsk. [illegible] Minsk GMO no.2:[illegible] '59

MINT (BOTANY)
Changes in the qualitative composition of the essential oils of mint plants. F.I.Korova. Agrobiologiia no.1:[illegible] Ja-F '60
Some data on the morphology of the flower in the mint family (Labiatae). N.S.Kartashova. Bot.zhur. 45 no.1:107-114 Ja '60

MIRACLES
"Miracles" and present-day science. Iu. Moral[illegible]. Nauka i zhizn' [illegible] no.4:[illegible] '59.
Singing sculptures. I.Akimushkin. [illegible] no.2:[illegible] F '60.
Truth about "miraculous" cures. [illegible] Zdorov'e [illegible] no.2:[illegible] '60

MIRGOROD DISTRICT—LIBRARIES
It's time to improve the work of libraries. M.Shelko. Pidv.kult. 11 no.1:26-29 Ja '60

MIRNYY REGION, ANTARCTICA—METEOROLOGY—OBSERVATIONS
A [illegible] in the Mirnyy region. [illegible] Tolstikov. Inform. biul.Sov.antark.eksp. no.[illegible]:22-[illegible] '59

MIRNYY REGION, ANTARCTICA—TIDES
Sea level fluctuations in the Mirnyy region. N.P.Shentekov. Inform.biul.Sov.antark.eksp. no.11:29-32 '59.

MIRONOVKA (KIEV PROVINCE)—SUGAR MACHINERY
Improvement of the head part of a revolving diffuser. [illegible] Sakh.prom. 34 no.2: [illegible] F '60

MIRONOVKA (KIEV PROVINCE)—SUGAR—PACKAGING
Operations at the packing station of the Mironovka Sugar Factory. M.I.Blodman. Sakh.prom. 34 no.2:44-45 F '60.

MIRRORS
New method of making mirrors. A.N.Obukhov. Khim. v shkole 15 no.1:64-65 Ja-F '60.

MISTRAL, GABRIELA see Godoy Alcayaga, Lucila, 1889-1957

MITES
Mites as parasites of fishes. V.B.Dubinin. Trudy sov. Ikht.kom. no.8:174-176 '59

MIT'KOVKA—COINS
Srebreniki (Russian coins of the 11th century) from Mit'kovka village. N.D.Mets. Sov.arkheol. 4 no.1:205-214 '60.

MITRAL VALVE—DISEASES
Condition of vessels of the lesser circulation in X-ray pictures in cases of mitral defects, X-ray, clinical, and morphological correlation [with summary in English]. I.Kh.Rabkin. Vest.rent.i rad. 31 no.6:30-40 N-D '59.

MITRAL VALVE—SURGERY
Possible rheumatic complications in mitral commissurotomy. S.I.Smelovskii, F.G.Burmenko. Kaz.med.zhur. 40 no.6:30-34 N-D '59.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1883-1956
In the IAkub Kolas Museum. Belarus' 17 no.1:[illegible] Ja '60.

MIXING
Hydrodynamics of the flowing stream during the mixing of liquids by radial flow paddle impellers. S.IA.G[illegible] Khim.mash. no.1:17-20 Ja '60.

MIXING MACHINERY
Counterflow-type continuous concrete mixing machine with forced mixing [in Georgian with summary in Russian]. T.N.Pkhakadze. Trudy Inst.stroi.dela AN Gruz.SSR. 7:245-253 '60.
Efficient soil mixers. V.Khokhlov, I.[illegible] Stroitel' no.2:[illegible] F '60.
Modernized NM pump-mixer. Rats.i izobr.predl.v stroi. no.15:58-59 '60.
New building technology. Stroitel' no.1:20-22 Ja '60.

MLODZEEVSKII, ANATOLII BOLESLAVOVICH, 1883-1959
Anatolii Boleslavovich Mlodzeevskii; an obituary. Vest. Mosk.un.Ser.mat., mekh., astron., fiz., khim. 14 no.3:225-229 '59.

MNEMONICS
Your memory. A.Shachinskii. Itn.tekh. 4 no.1:[illegible]-42 Ja '60.

MODELS AND MODELMAKING see subdivision under Aircraft

MODERN ART see Art, Modern—20 century

MODERN HISTORY see History, Modern

MODULAR COORDINATION (ARCHITECTURE)
Applying preferred numbers in promoting module dimensions in building. G.N.Zotov. Standartizatsiia 24 no.2:6-10 F '60.

MODULATION (ELECTRONICS)
Defense of dissertation at the Kiev Polytechnic Institute. V.P.[illegible] [illegible] no.[illegible] '59.
Effect of [illegible] and [illegible] oscillations on linear systems. I.I.[illegible]. Radiotekhnika 15 no.1:30-41 Ja '60
Generalization of the operational characteristics of filters and modulators. M.IA.Kalter. Radiotekhnika 15 no.1: [illegible]-42 Ja '60.
Some problems in modulation using the surface effect. V.S.Elkin. Uch.zap.MOPI 139:173-183 '58.

MODULATION (ELECTRONICS)—BIBLIOGRAPHY see Bibliography—Modulation (Electronics)

MODULATION (MUSIC)
Dubovskii, I.I. [Modulation, a practical text] Moduliatsiia, prakticheskoe posobie. Moskva, Gos. muzykal'noe izd-vo, 1959. 70 p. (V pomoshch' pedagogu-muzykantu)

MODZELEWSKA, NATALIA
Retort to a critic. A.Anastas'ev. Novyi mir 36 no.1: 254-257 Ja '60.

MOGILEV—ELECTRIC MACHINERY INDUSTRY
Iosif Orlovskii, an efficiency promoter. A.Dubovik. Blok.agit. [Bel.] no.33:34-48 N '59.

MOGILEV—RAILROADS—CARS
A shift of communist labor. M.Kozlov. Blok.agit. [Bel.] no.1:25-27 Ja '60.

MOGILEV—RESTAURANTS, LUNCHROOMS, ETC.
A toast; a satirical sketch. I. Vitola. [illegible] 40 no.1:21 Ja '60.

MOHAMMEDAN RELIGIOUS PRACTICE. See sub-division under [illegible]

MOHAMMEDANS. See subdivision under [illegible]

MOISTURE
Some remarks on designing evaporation [illegible]. N. IA. [illegible]. Avt.dor. 23 no.1:[illegible] Ja '60.

MOISTURE—MEASUREMENT
EVK-2 dielectric moisture gage. [illegible] M. [illegible] Der. prom. 8 no.12:[illegible] D '59.

MOKHEY VALLEY—ROCKS
Samples from the Mokhey. [illegible] 29 II Mr '60.

MOLASSES
[illegible] no.3:10 [illegible] '60.

MOLDAVIA—AGRICULTURE
Decisions of historical importance. Kom.Mold. [illegible] no.1:20-24 Ja '60.

MOLDAVIA—AGRICULTURE—LABOR PRODUCTIVITY
[illegible] '60.

MOLDAVIA—APARTMENT HOUSES
Housing construction in Moldavia. [illegible]

MOLDAVIA—BOOKSELLERS AND BOOKSELLING
[illegible]

MOLDAVIA—BUILDING—ACCOUNTING
[illegible]

MOLDAVIA—BUILDING MACHINERY
[illegible] of the Moldavian [illegible]

MOLDAVIA—CITY PLANNING
[illegible]

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION
The Sixth Congress of the Communist Party [illegible]. Komm.Mold. [illegible] Ja '60.
[illegible]

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
[illegible]

MOLDAVIA—ECONOMIC CONDITIONS
The Sixth Congress of the Communist Party of Moldavia. Komm.Mold. [illegible] Ja '60.
[illegible]

MOLDAVIA—ESSENCES AND ESSENTIAL OILS
[illegible]

MOLDAVIA—FROST
[illegible]

MOLDAVIA—GEOLOGY, STRUCTURAL
Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Tectonic pattern of the Ukrainian S.S.R. and Moldavian S.S.R., explanatory text to the tectonic map of the Ukrainian S.S.R. and Moldavian S.S.R. [illegible] 1:750 000 scale; [illegible] Ukrainskoi SSR i Moldavskoi SSR; poiasnitel'naia zapiska [illegible] karty Ukrainskoi SSR i Moldavskoi SSR. Masshtab 1:750 000. Kiev, Vyd-vo Akad. nauk URSR, 1959. 217 p.

MOLDAVIA—HISTORICAL RESEARCH
Raise the banner of party spirit in science. IA. [illegible]. Komm.Mold. 5 no.1:37-40 Ja '60.

MOLDAVIA—MOLLUSKS, FOSSIL
[illegible], V. IA. [Fossil Pelecypoda from the south-western part of the Soviet Union] Vyrysni Pelecypoda z pivdenno-zakhidnoi chastyny Radians'koho Soiuzu. Kiev, Vyd-vo Akad. nauk Ukr. SSR, 1959. [illegible] p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii, no.28)
[illegible]

[illegible]

MOMENTS OF INERTIA - MEASUREMENT
Using the method of [illegible] vibrations of a mechanical system to measure the moment of inertia of a small part. I.P.Komarov, [illegible] 2 no.5:91-98 '60.

MONARCHY
The problem of absolute monarchy in Marxist and bourgeois historiography, based on the Tenth International Congress of Historians, Rome, September, 1955. A.S.Samoilo. Sred.veka no.16:125-135 '59.

MONASTERIES see subdivision under [illegible], Tibet, Novgorod

MONAZITE
Separation and leaching of radium isotopes from monazite. K.B.Zaborenko, A.M.Babeshkin, [illegible]. Radiokhimiia 1 no.6:[illegible] '59.

MONGOLIA - CITIES AND TOWNS, RUINED, EXTINCT, ETC.
Awakened city. [illegible] no.2:[illegible] '60.

MONGOLIA - CRIMINAL LAW
Markelov, V.N. [Criminal law of the Mongolian People's Republic] Ugolovnoe pravo Mongol'skoi Narodnoi Respubliki. Moskva, Gos.izd-vo iurid.lit-ry, 1959. 300 p.

MONGOLIA - ECONOMIC CONDITIONS
The People's Republic of Mongolia. [illegible] '60.

MONGOLIA - INDUSTRIES
Achievements of the Mongolian people; facts and figures. Blokn.agit. [illegible] no.35:47 of cover. D '59.

MONGOLIA - MOTHS
Siberian silkworm (Dendrolimus sibiricus Tschtv.) in a forest part in Mongolia [with summary in English]. V.P.Grechkin. Zool.zhur. 39 no.1:131-[illegible] Ja '60.

MONILIASIS
"Candidiasis". P.N.Kashkin. Reviewed by A.V. Bakhtinova, L.IA.Morozova. Vest.derm. 24 no.1:[illegible] Ja '60.
Clinical aspects and treatment of candidiasis in young children. [illegible]. Vop.okh.mat.i det. 5 no.1:[illegible] '60.
Utilization of the precipitation reaction in the diagnosis of candidiasis infections [with summary in English]. [illegible]. Zhur.mikrobiol., epid.i immun. 30 no.12:[illegible] '59.

MONKEYS see subdivision under Sukhumi

MONOCYTES
Toxoplasmosis as a cause of [illegible] [with summary in English]. G.A.Orlov, [illegible]. [illegible] 21 no.1:[illegible] Ja '60.

MONTAGUE ISLAND (ANTARCTICA)
A visit to Montague Island. [illegible].

MONTHS
(See also subdivision under Mongolia)
Our calendar. [illegible] no.[illegible] '60.

MONUMENTS see subdivision under [illegible]

MONUMENTS - PRESERVATION see subdivision under Ukraine

MOON
Double planet. A.A.Mikhailov. [illegible] '60.
[illegible] '60.

MOON - INFLUENCE ON MAN
Does the moon [illegible] '60.

MOON - OBSERVATIONS
Discovery of the moon. [illegible] no.1:30-31 '60.
The moon [illegible] with A.A.Mikhailov, corresponding member of the Academy of Sciences [illegible]. [illegible] Konstantinova. [illegible] no.12:113-116 D '59.

MOON - PHOTOGRAPHS, MAPS, ETC.
"The photographs of the other side of the moon". [illegible].
[illegible] photographs of the other side of the moon. Reviewed by D.Ia.Martynov. [illegible] no.1:72 Ja '60.
TASS communication on the movement of the third Soviet space rocket. Zhur.nauch.i prikl.fot.i kin. 5 no.1: 3-6 Ja-F '60.

MOON - SPECTRA
Spectrophotometry of the moon's surface. [illegible]. Trudy Sekt.astrobot. AN Kazakh.SSR [illegible] '59.

MOON - SURFACE
The far side of the moon. [illegible] no.1:[illegible] Ja '60.
New data on craters and ring formations on the moon. Priroda 49 no.5:[illegible] My '60.
Results of experimental studies of the polarization of light reflected by the moon's surface [with summary in English]. [illegible] 37 no.3:[illegible] '60.

MORAL EDUCATION
Character education must hold students' interest. M.P. [illegible] no.6:[illegible] '60.
Inculcation of moral principles, feelings, and habits. I.M.Arkhangel'skii. Vop.filos. 14 no.5:41-50 '60.
Influence of the Communist Youth League on the formation of the students' personality. [illegible]. Sov.pedagogika 24 no.[illegible] '60.

MORDOVIA - BANKS AND BANKING
Unify operating procedures for issuing long-term credit and financing. V.Morozov. Den.i kred. 18 no.5: [illegible] My '60.

MORDOVIA - COOPERATIVE SOCIETIES - FINANCE
Unify operating procedures for issuing long-term credit and financing. V.Morozov. Den.i kred. 18 no.5: 58-60 My '60.

MORDOVIA - HISTORY
Kommunisticheskaia partiia Sovetskogo Soiuza. Mordovskii oblastnoi komitet. Partiinyi arkhiv. [For the Soviet system, a collection of reminiscences by participants in the struggle to establish and consolidate the Soviet regime in the Mordovian A.S.S.R.] Za vlast' Sovetov; sbornik vospominanii uchastnikov bor'by za ustanovlenie i ukreplenie Sovetskoi vlasti v Mordovskoi ASSR. Saransk, Mordovskoe knizhnoe izd-vo, 1957. 120 p.

MORDOVIA - MUSIC
[illegible] 24 no.[illegible] '60.

MORDOVIA - PHYSICAL GEOGRAPHY
[illegible], V.I. [Nature of Mordovia] Priroda Mordovii. Saransk, Mordovskoe knizhnoe izd-vo, 1959. 122 p.

MORPHINE
Rapid method for the determination of morphine in suppositories. G.IA.[illegible], V.K.Kovalenko, S.M.[illegible]. Med.prom. 14 no.2:49-51 F '60.

MORPHOLOGY (ANIMALS)
Popov, V.IA. [The forces of gravity and animal morphology] Sila tiazhesti i morfologiia zhivotnykh. Moskva, Izd-vo Akad.nauk SSSR, 1960. 318 p.
Determining the age of the red-tailed gerbil (Meriones erythrourus Gray) [with summary in English]. R.V. [illegible]. Biul.MOIP.Otd.biol. 64 no.6:21-30 N-D '59.
Some morphological characteristics of early maturity in meat-type farm animals. Part 2. [illegible] Bogoliubskii. Biul.MOIP.Otd.biol. 64 no.6:121-130 N-D '59.

MORPHOLOGY (ANIMALS) - CONGRESSES
Conference of Bulgarian morphologists. [illegible]. Vest.AN SSSR 30 no.5:[illegible] My '60.

MORTALITY
Value of information from a decentralized registration of persons dying at home. M.I.[illegible]. Vrach.delo no.12:[illegible] D '59.

MORTAR
Using [illegible] in determining the capillary water absorption of plasticized mortars. M.I.Khigerovich, [illegible], N.V.Nikitina. Izv.vys.ucheb.zav.; stroi.i arkhit. no.[illegible] '59.
Experimental investigation of the adhesion of mortars to pumice concrete blocks [in Georgian with summary in Russian]. G.A.[illegible]. Trudy Inst.stroi.dela AN Gruz.SSR. 7:189-197 '59.
How to determine the temperature of mortar ingredients. V.[illegible]. Stroitel' no.1:[illegible] Ja '60.

MORTAR - TESTING
[illegible].

MOSAICS
[illegible] mosaics. Albert Roland. Amerika [illegible].

MOSCOW—AMATEUR THEATRICALS
The horizon expands like this. A.Konstantinov, I.[illegible]. Teatr.zhizn' no.24:9-10 D '59.
NTM - People's Amateur Theater of the Subway Construction Trust. M.Andreev. Teatr.zhizn' no.24:10 D '59.
Theater of the Likhachev Plant. Vl.Belov. Teatr 21 no.2:128-130 F '60.
The Vyborgians present "Dog in the manger." I.Uvarova. Teatr 21 no.2:[illegible] F '60.

MOSCOW—ANTIQUITIES
The 1955 archaeological excavations in Zariad'e (Moscow). A.F.Dubynin. Krat.soob.IIMK no.77:90-103 '59.
Significance of a brick structure from Zariad'e (Moscow) excavations. Kh.I.Kris. Krat.soob.IIMK no.77: 104-108 '59.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR
What do the apartment house maintenance workers expect from designers and builders. Zhil.-kom.khoz. 10 no.[illegible] '60.

MOSCOW—ARCHITECTURE—DESIGNS AND PLANS
Seven-year plan of construction of housing and buildings serving cultural and public needs in Moscow. N.Kuznetsov. V pom.ekon.obr.kadr. no.8:70-82 '59.

MOSCOW—ARCHIVES
Russia (1923- U.S.S.R.) Glavnoe arkhivnoe upravlenie. [Catalogs of the Royal Archives of the 16th century and the Archives of the Ambassadorial Office of 1614] Opisi Tsarskogo arkhiva XVI veka i arkhiva Posol'skogo prikaza 1614 goda. Pod red. S.O.Shmidta. Moskva, Izd-vo vostochnoi lit-ry, 1960. 193 p.

MOSCOW—ART—EXHIBITIONS
Fine arts works of children. [illegible]. Iskusstvo 22 no.4:52-57 '59.
Good initiative. [illegible]. Iskusstvo 22 no.5:33-37 '59.
Images of contemporaries. B.Nikiforov. Iskusstvo 22 no.5:[illegible] '59.
Works by masters of the U.S.S.R. A.[illegible]. Iskusstvo 22 no.5:[illegible] '59.

MOSCOW—ART, ALBANIAN—EXHIBITIONS
Artists of Albania. M.Prokof'eva. Iskusstvo [illegible]:27-31 '60.

MOSCOW—ART, AMERICAN—EXHIBITIONS
Contemporary art of the United States. A.I.Mikhailov. Iskusstvo [illegible] no.1:[illegible] '60.

MOSCOW—ART, BULGARIAN—EXHIBITIONS
Contemporary art of People's Bulgaria. [illegible]. Iskusstvo 22 no.[illegible] '59.

MOSCOW—ART, EAST GERMAN—EXHIBITIONS
Works by artists of the German Democratic Republic. M.[illegible]. Iskusstvo 22 no.[illegible] '59.

MOSCOW—ART, POLISH—EXHIBITIONS
Contemporary Polish art. I.Kuznetsova. Iskusstvo 22 no.[illegible] '59.

MOSCOW—ART, RUMANIAN—EXHIBITIONS
Works of Rumanian artists. [illegible]. Iskusstvo 22 no.[illegible] '59.

MOSCOW—ART, UZBEK—EXHIBITIONS
A new stage in the art of a Republic. M.[illegible]. Iskusstvo 22 no.[illegible] '59.

MOSCOW—AUDITORIUMS
Institutions serving cultural needs of the capital. [illegible] Rodionov. Gor.khoz.Mosk. 34 no.1:15-18 Ja '60.

MOSCOW—AUTHORS AND THE THEATER
"School for playwrights ("The theater and the playwright") from the experience of the Moscow Art Theater in presenting plays of Soviet playwrights, 1917-1941) by L.[illegible]. Reviewed by Al.[illegible]. Novyi mir [illegible] '60.

MOSCOW—AUTOMOBILE INDUSTRY
Modernization of press forging equipment at the Likhachev Automobile Plant in Moscow. K.G.Vorob'ev, IU.N.Sychev. Kuz.-shtam.proizv. 2 no.1:27-33 Ja '60.

MOSCOW—AUTOMOBILE INDUSTRY—ACCOUNTING
Use of an electronic calculating machine in planning and accounting for labor and wages. I.[illegible], M.[illegible]. Biul.nauch.inform.: trud i zar.plata no.11:[illegible] '59.

MOSCOW—AUTOMOBILE INDUSTRY—TECHNOLOGY
Engineers are patrons of workers. G.Barylov. NTO 2 no.2:49-51 F '60.
Response of automobile-industry workers. M.[illegible]. NTO 2 no.1:27 Ja '60.

MOSCOW—AUTOMOBILE INDUSTRY WORKERS
Lunchtime. M.Linetskaia. Zdorov'e 6 no.3:16-17 Mr '60.

MOSCOW—AUTOMOBILES—EQUIPMENT AND SUPPLIES
What was found out at the buyers' conference. Za rul. 18 no.1:20-21 Ja '60.

MOSCOW—MUNICIPAL SERVICES (Continued)

In the Executive Committee of the Moscow City Council. Gor. khoz Mosk. 34 no.1:12 Ja '60.

Introduce more widely mechanization and automatic control of municipal services. [illegible] Gor. khoz. Mosk. 34 no.1:9-10 Ja '60.

Moscow workers kept their promise [illegible] manner. Gor. khoz. Mosk. 34 no.1:3-5 Ja '60.

Pay more attention to municipal services. [illegible] Gor. khoz. Mosk. 34 no.1:26-28 Ja '60.

MOSCOW—MUSIC, INCIDENTAL

"The cook" and "The [illegible]" [illegible]

"The director of [illegible]" [illegible]

"[illegible]" [illegible]

"The award of [illegible]" [illegible]

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION

Subscription campaign in Moscow. [illegible]

MOSCOW—OIL INDUSTRIES—FIRES AND FIRE PREVENTION

After changing to [illegible]

MOSCOW—OPERA

[illegible] performance [illegible]

"War and peace" [illegible]

MOSCOW—PACKING HOUSES—EQUIPMENT AND SUPPLIES

"[illegible]" automatic meat cutting [illegible] making dumplings. [illegible]

MOSCOW—PHYSICAL EDUCATION FOR CHILDREN

Permanent [illegible]

MOSCOW—[illegible]

Impressions from [illegible]

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow [illegible]]

[Bulletin of the Moscow [illegible]]

MOSCOW—POPULATION—[illegible]

The suburban population [illegible] of the [illegible]

MOSCOW—POSTAL SERVICE

[illegible]

MOSCOW—PRINTING INDUSTRY

Mashko, [illegible] [illegible]

MOSCOW—PUBLIC BUILDINGS

[illegible]

MOSCOW—RADIO

Workers of the Moscow [illegible] and [illegible]

MOSCOW—RAILROADS—COMMUTING TRAFFIC

Russia (1923- [illegible]) [illegible] [Timetable of Moscow [illegible]] [illegible] [Moskva] [illegible]

Russia (1923- [illegible]) [illegible] [Timetable [illegible]] [illegible]

Russia (1923- [illegible]) [illegible] [Timetable for Moscow [illegible]] Moscow-Kursk [illegible] Railroad [illegible] Kursk Moscow [illegible] Transportation [illegible]

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Timetable of Moscow-Volokolamsk suburban trains on the Moscow Railroad, summer 1960] Raspisanie dvizheniia prigorodnykh poezdov Moskva-Volokolamsk Moskovskoi zh. d. [illegible] 1960 g. [Moskva] [illegible] [1960] 40 p.

MOSCOW—RECREATION

[illegible]

MOSCOW—RELIGIOUS LITERATURE

[illegible]

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

[illegible] I. Peregudov [illegible]

[illegible] V. [illegible] Obshchestv. pit. no.1:12-14 Ja '60.

MOSCOW—SAFETY EDUCATION, INDUSTRIAL

[illegible] D. I. Atulin. Vest. svyazi [illegible]

MOSCOW—SALMONELLA

[illegible] of the Moscow Municipal [illegible]

"[illegible]" [illegible] in Moscow in 1957. [illegible]

MOSCOW—SCHOOL EXCURSIONS

[illegible]

MOSCOW—[illegible] RAILWAY

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible] EDUCATION

[illegible]

[illegible]

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible]

[illegible] 1954. [illegible]

[illegible]

MOSCOW—[illegible]

[illegible] no.1:18-21 Ja '60.

MOSCOW—[illegible]

[illegible]

MOSCOW—[illegible] WORKERS

[illegible]

MOSCOW—TRAFFIC REGULATIONS

[illegible]

MOSCOW—TRAFFIC SIGNS AND SIGNALS

Economy or poor management? V. Sokolov. Za bezop. dvizh. no.1:1 Ja '60.

MOSCOW—TRAFFIC VIOLATIONS

This accident could have been avoided. M. Mironov. Za bezop. dvizh. no.1:7 Ja '60.

MOSCOW—TROLLEY BUSES

Thrifty consumption of every kilowatt. [illegible] Za bezop. dvizh. no.1:30 Ja '60.

"You [illegible] comfortably, comrades!" [illegible] and others. Gor. transport [illegible] no.1:10 Ja '60.

MOSCOW—WATER SUPPLY

Developments in the water-supply system of the capital. K. A. [illegible] Gor. khoz. Mosk. 34 no.1:21-23 Ja '60.

MOSCOW BASIN—SUBSIDENCES (EARTH MOVEMENTS)

Manifestations of rock pressure studied on the yielding of "Moskvich" type supports. V. I. Popov. Ugol' 35 no.2:40-43 F '60.

MOSCOW PROVINCE—ACCOUNTING

Conference of workers in accounting and machine accounting offices of the Moscow Province Economic Council. [illegible] Ja '60.

MOSCOW PROVINCE—AGRICULTURAL RESEARCH

Promote the activity of all sections. [illegible]

MOSCOW PROVINCE—AGRICULTURE

Pledges assumed by the workers of Moscow and Moscow Province to [illegible] in order to strengthen the agricultural economy during the fifth five-year plan. V. A. [illegible] Sel. khoz. [illegible] no.1:[illegible] '59.

MOSCOW PROVINCE—ART INDUSTRIES

[illegible] articles manufactured by the Artels of Moscow Province. V. [illegible]

MOSCOW PROVINCE—CHILDREN—CARE AND HYGIENE

Development of health [illegible] for children in Moscow Province from 1918 to 1958. [illegible]

MOSCOW PROVINCE—CLIMATE

Rubinshtein, N.V. [Climate of Moscow and its environs] Klimat Moskvy i Podmoskov'ia. [Moskva] Mosk. rabochii, 1960. 104 p.

MOSCOW PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Living sources; from the work practice of party organizations in Moscow Province] Zhivye istoki; iz opyta raboty partiinykh organizatsii Moskovskoi oblasti. [Moskva] Mosk. rabochii, 1960. 247 p.

MOSCOW PROVINCE—COTTON MANUFACTURE—ACCOUNTING

Planning, accounting and calculation of production costs [illegible] N. Kontorovich. [illegible]

MOSCOW PROVINCE—ECONOMIC POLICY

Economic [illegible] of the Moscow Province Council. I. V. [illegible] Sotsiol. sel'. khoz. [illegible] no.1:20-27 '59.

MOSCOW PROVINCE—EDUCATION, PRESCHOOL—METHODOLOGY

[illegible] for the guidance of educational work in nurseries and kindergartens of Moscow Province. [illegible] Vop. okhr. mat. i det. 5 no.1:71-77 Ja-F '60.

MOSCOW PROVINCE—INDUSTRIAL ORGANIZATION

[illegible] management [illegible]

MOSCOW PROVINCE—INDUSTRIES

Industrial development of the Moscow Province Economic Council. V. Gordopolov. Vop. ekon. [illegible] no.8: [illegible] '59.

MOSCOW PROVINCE—MACHINERY INDUSTRY—ACCOUNTING

[illegible] accounting in machinery [illegible] plants [illegible] Bukh. uchet 19 no.1 [illegible] Ja '60.

MOSCOW PROVINCE—MANUFACTURES

[illegible] [illegible] Ja '60.

MOSCOW PROVINCE—METEORITES—ANALYSIS

[illegible] of the Timiriazev stone meteorite. [illegible] Meteoritika no.18:[illegible] '60.

[illegible] of the Zhigailovka stone meteorite. [illegible] Meteoritika no.18:[illegible] '60.

MOSCOW PROVINCE—MOLLUSKS

Land mollusks of the Moscow area as a subject for independent studies by students during summer practice and in the zoological club I I Malevich, IA I Starobogatov Uch zap Mosk gor ped inst 84 269-315 '58.

MOSCOW PROVINCE—ORPHANS AND ORPHANAGES

Encouraging the performance of personal services by students. E. P. Novospasskaia. Det dom 15 no. 4 16-21 '59

MOSCOW PROVINCE—PENSIONS

Organizational problems are clear V Vinokurov Sots obesp 21 no 1 21-23 Ja '60

MOSCOW PROVINCE—RAILROADS—TIME TABLES

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Timetables for suburban trains on the Moscow-Maloyaroslavets Section of the Moscow Railroad; summer, 1960] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Maloiaroslavets Moskovskoi zh. d.; leto 1960 g. [Moskva] Transzheldorizdat [1960] 45 p.

MOSCOW PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.—SANITATION

Problems requiring solution. V. E. Shneiderman. Gig. i san. 25 no. 1 86 Ja '60.

MOSCOW PROVINCE—SNOW

Snow piles in the Moscow area. E. L. Liubimova. Priroda 49 no. 5 128 My '60.

MOSCOW PROVINCE—STUDENT TEACHING

Student teaching on the collective farms of Moscow Province. G. I. Maksidonov. Dosh. vosp. 33 no. 2:68-70 F '60.

MOSCOW REGION—COAL—ANALYSIS

Quality indicators of the coal from Moscow region. S. E. Shitsman. Elek. sta 31 no 1:12-14 Ja '60.

MOSCOW REGION—OLD-AGE HOMES

Old-age homes. P. Rudakov. Zhil. stroi. no. 1:22-25 Ja '60.

MOSKVA RIVER—SANITATION

Sanitary conditions of the Moskva River; from data of the sanitary study made in 1957-1958. R. I. Skidal'skaia. Gig. i san 25 no. 1 66-69 Ja '60.

MOSKVA RIVER—WATER—PURIFICATION

Role of phytoplankton and higher plants in the self-purification of polluted waters. K. A. Kokin. Biul. MOIP. Otd. biol. 64 no. 6 160 N-D '59.

MOSQUITOES see subdivision under Pamirs

MOSSES, FOSSIL see subdivision under Magerov District

MOSTY DISTRICT—AGRICULTURE

We increase production and lower its cost. F. Daineko. Komm. Bel. 34 no. 1:45-49 Ja '60

MOTHS see subdivision under Tajikistan

MOTION

Controlling angular motion of a solid by means of rotors. M. Z. Litvin-Sedoi. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no. 2 135-138 Mr-Ap '60.

MOTION-PICTURE CAMERAS

Needed types of 8 and 16 mm. motion-picture cameras. V. G. Pell'. Tekh. kino i telev 4 no. 2 73-75 F '60.

US-1 motion-picture camera. V. N. Matison, V. V. Alekseev, V. L Trus'ko. Tekh. kino i telev. 4 no. 2:1-8 F '60.

Using the method of optical image-shift compensation in high-speed motion-picture cameras. S. V. Kulagin. [Trudy] MVTU no. 73:117-124 '59.

MOTION-PICTURE CAMERAS—EQUIPMENT AND SUPPLIES

Improving the "Pentovar" variable focal length lens. N. A. Smetukhin. Tekh. kino i telev. 4 no. 2.66-68 F '60.

MOTION-PICTURE CARTOONS

"Miraculous well." B. Voronov. Sov. Soiuz no. 8:36 '57.

MOTION-PICTURE FESTIVALS see subdivision under Moscow

MOTION-PICTURE FILM COLLECTIONS—FIRES AND FIRE PREVENTION

Let us preserve valuable historic documents. D. Kabantsev, A. Kulakovskii. Pozh. delo 6 no. 2:6-7 F '60.

MOTION-PICTURE INDUSTRY see subdivision under Italy

MOTION-PICTURE MUSIC

Foreign cinema and classical music. G. Troitskaia. Sov. muz 24 no. 2 121-124 F '60.

MOTION-PICTURE PHOTOGRAPHY—FILMS
(see also subdivision under Rostov; Tambov)

Discussion on the modification of the shape of motion-picture frames. Tekh. kino i telev. 4 no. 2:96 F '60.

Foreword F A Rosental' Trudy NIKFI no 2 3-7 '58

Improving the properties of motion-picture films and their processing. E. A. Iofis. Tekh. kino i telev. 4 no. 1:33-36 Ja '60.

Magnetic sound-recording on motion-picture films in the "Azerbaijan-Film" studio M. B. Berenboim, M. V. Petrenko Tekh kino i telev 4 no 1:60-64 Ja '60

"Technology of processing cinematographic materials" by I B Bliumberg. Reviewed by K S. Lialikov. Zhur. nauch i prikl. fot. i kin 5 no 1 78-79 Ja-F '60.

Thin-layer motion-picture films. V. L. Zelikman. Tekh. kino i telev. 4 no. 2 9-18 F '60

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—SCIENTIFIC APPLICATION

Kudriashov, N. N. [Motion-picture photography in science and technology; introduction to the techniques of scientific and research motion-picture photography] Kinos"emka v nauke i tekhnike, vvedenie v tekhniku nauchno-issledovatel'skoi kinos"emki. Pod red. E. M. Goldovskogo. Moskva, Gos. izd-vo "Iskusstvo," 1960. 334 p.

MOTION-PICTURE PHOTOGRAPHY, HIGH-SPEED

Accuracy of measurements made with high-speed motion-picture photography methods. E. A Tarantov. Zhur. nauch i prikl. fot. i kin. 5 no. 1:44-47 Ja-F '60.

Some synchronization methods for ultrahigh-speed cinematography; experiences gained in operating the FP-22 camera S. R. Zhukovskii. Zhur. nauch. i prikl. fot. i kin 5 no. 1 48-53 Ja-F '60.

MOTION-PICTURE PLAYS
(see also subdivision under Czechoslovakia, Denmark; Great Britain; United States)

The A. P. Dovzhenko Film Studio during 1960. T. Medvedev. Sov. Ukr. 10 no 1.177-180 Ja '60.

At first glance everything seems to be in order. N. Kolesnikova. Isk. kino no. 2:45-46 F '60.

Clear the path for "Battleship 'Potemkin'"; a letter from Tokyo. M. Ivabuchi. Isk. kino no. 2:138-139 F '60.

A comedy in motion-picture stills. N. Svetlova Ogonek 38 no 2 18-19 Ja '60

Daughters of Russia; a new motion picture. Kul't. -pros. rab. 20 no. 12:41-42 D '59.

French newspapers on "The fate of a man." Isk. kino no. 2:140-141 F '60.

From the words of an excursion guide. V. Sazhin. Isk. kino no. 2:43-44 F '60.

Meditations about youth. Sergei Gerasimov. Isk. kino. no. 2:18-24 F '60.

On the eve of a jump into outer space. V. Shneiberg. Nauka i zhizn' 27 no. 1:40-41 Ja '60.

One more attempt. K. Paramonova. Isk. kino no. 2:32-37 F '60.

Overcome the distance! L. Stolovich. Isk. kino no. 2: 70-76 F '60.

"The road to Calvary " G Roshal'. Sov. Soiuz no 8: 26-27 '57

See these films. Sots. kul't. 13 no. 1:41 Ja '60.

The train is on time. T. Ivanova. Isk. kino no. 2:40-42 F '60.

An unprofitable business. IUrii Zhilin. Nov. vrem. 18 no. 7:28-30 F '60

Without poetic emotion. IAn Bereznitskii. Isk. kino no. 2: 37-40 F '60.

MOTION-PICTURE PROJECTION

Danilov, K. B. [Equipment for rural stationary motion-picture installations] Oborudovanie sel'skikh statsionarnykh kinoustanovok. Moskva, Gos. izd-vo "Iskusstvo," 1960. 180 p. (Biblioteka kinomekhanika)

Demonstration of several motion pictures. P. Kravets'. Sots. kul't. 13 no. 1:40-41 Ja '60.

First wide-screen motion-picture theaters. I Chernyts'kyi Nauka i zhyttia 8 no 2 20-21 F '58.

From the editor's mail. V. Nazarenko. Tekh. kino i telev. 4 no. 1:65 Ja '60

Once more about a table for film mounting. A. Tikhomirov Sov foto 20 no 1 40 Ja '60.

Stereo motion pictures, triple screen, projection on circular screens. G. Sadoul V zashch. mira no. 102:72-78 N '59.

Synchronous operation of a magnetic tape recorder and motion picture projector V. Vovchenko. Radio no. 2 23-26, 29 F '60.

Ushagina, V. I. [Motion-picture projection] Kinoproektsiia. Moskva, Gos. izd-vo "Iskusstvo," 1960. 86 p. (Biblioteka kinoliubitelia)

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE PROJECTORS

KPD-60 arc-lamp motion-picture projector. L. D. Vladimirskii. Tekh kino i telev. 4 no. 1:50 Ja '60

MOTION-PICTURE PROJECTORS—EQUIPMENT AND SUPPLIES

Experimental investigation of multilink speed stab[illegible] V. IA. Strizhak. Izv. vys. ucheb. zav., prib [illegible] '59

VS-450 d. c. electric power supply stabilizer for st[illegible] arc-lighting equipment. F. F. Sokolov. Tekh. kino i telev. 4 no. 2:19-26 F '60.

MOTION-PICTURE PROJECTORS—STANDARDS

State standards for 8mm. motion-picture projectors f[illegible] amateurs Tekh. kino i telev 4 no. 1:71 Ja '60

MOTION-PICTURE STUDIOS see subdivision under Moscow

MOTION-PICTURE THEATERS
(see also subdivision under Stavropol)

Circular motion-picture panorama. IUn. tekh. 4 [illegible] Ja '60.

MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION
(see also subdivision under Astrakhan Provi[illegible])

Each club to be provided with a motion-picture pro[illegible] room. A. Arkhipov. Pozh. delo 6 no. 2:8-9 F '60.

Fire prevention in motion-picture theaters. P. Sav[illegible] Pozh. delo 6 no. 1:12-13 Ja '60.

Inspection of rural clubs. I. Mel'nikov. Pozh. delo 6 no. 2:7-8 F '60.

MOTION PICTURES
(see also subdivision under Ukraine)

Art of the millions. Mystetstvo 6 no. 4:8-10 Jl-Ag '59

Brief news. Isk. kino no. 2:89-90 F '60.

Brief news of science and technology. Tekh. kino i telev. 4 no 1:96-3 of cover. Ja '60

Contemporaneity is the soul of art. Isk. kino no. 2 [illegible] F '60.

Creative work of motion-picture actors. P. Oldren[illegible] Mystetstvo 6 no. 6:24-26 N-D '59.

For a further expansion of the physical and technical facilities of motion-picture photography and project[illegible] Tekh. kino i telev 4 no 1:1-4 Ja '60

From everywhere. Isk. kino no. 2:143-146 F '60.

Let's continue the discussion about actors. Isk. kino no. 2:77-80 F '60.

Problems of wide-screen motion-picture photography [illegible] projection. E. M. Goldovskii. Tekh kino i telev 4 no 1:7-21 Ja '60.

Soviet cinema art and neorealism. V. Kudin. Mystets[illegible] 6 no. 6:27-29 N-D '59.

MOTION PICTURES—BIBLIOGRAPHY see Bibliograph[illegible] Motion pictures

MOTION PICTURES—CONGRESSES

All-Russian Conference of Engineers and Technicians [illegible] the Motion-Picture Industry. Tekh. kino i telev 4 no. 2 93-94 F '60.

MOTION PICTURES—EQUIPMENT AND SUPPLIES
(see also subdivision under Germany, East)

FKS-1 film-inspection table. I. A. Ratushniak. Tekh. kino i telev. 4 no. 2:58-60 F '60.

Motion-picture equipment factories in 1960. Tekh. kino i telev. 4 no. 1:51-59 Ja '60.

Needed types of motion-picture photography equipment for amateurs. A. A. Sakharov. Tekh kino i telev 4 no 1:66-71 Ja '60.

Special mobile unit for synchronized magnetic sound recording in the field (Tonwagen). I. I. Palter. Tekh. kino i telev. 4 no. 2:94-95 F '60.

MOTION PICTURES—LIGHTING—BIBLIOGRAPHY see Bibliography—Motion pictures—Lighting

MOTION PICTURES—MORAL AND RELIGIOUS ASPECT

While the debates about genres continue... G. Ul'ian[illegible] Isk. kino no. 2:56-59 F '60.

MOTION PICTURES—PRODUCTION AND DIRECTION

Problems of motion-picture production. T. Lev[illegible] Mystetstvo 6 no. 4:11-14 Jl-Ag '59.

What is hindering our cooperation. Isk. kino no. 2 [illegible] F '60.

MOTION PICTURES—SPECIAL EFFECTS

Steadiness of the motion-picture image. IA. I. Leb[illegible] Tekh. kino i telev. 4 no. 2:27-30 F '60.

Trick photography in electronic motion pictures. V. A. Burgov. Tekh. kino i telev. 4 no. 2:31-38 F '60.

MOTION PICTURES, DOCUMENTARY

Discovery of peace. V. Sechin. Teatr 21 no. 2 [illegible] F '60.

With a movie camera in the jungle. Igor' Vasil'kov. Isk. kino no. 2:46-48 F '60.

MOTION PICTURES, TALKING

Vysotskii, M. Z. [Magnetic sound recording for motion pictures] Magnitnaia zvukozapis' kinofil'mov. Moskva, Gos. izd-vo "Iskusstvo," 1960. 285 p.

MOTION PICTURES IN AGRICULTURE

New farmers. I. Atalichev. Isk kino no.2 [illegible] '60

MOTION PICTURES IN EDUCATION

How motion pictures enhance the effectiveness of school studies. I. V. Chashko. [illegible] Ja-F '60.

Introduce geographical motion pictures in schools. D. Kovalev. Vokrug sveta no.2 [illegible] '60.

Lecture films. V. Kotlov. Khim. v shkole 15 no.1 [illegible] Ja-F '60.

Make more extensive use of motion pictures. L. I. Mazhelevskaia. Doshk. vosp. 33 no.3 [illegible] Mr '60

MOTION PICTURES IN HEALTH EDUCATION

Everything could be otherwise. A. I. Arontamova. Zdorov'e 6 no.3 [illegible] Mr '60.

MOTION PICTURES IN INDUSTRY

The conversation continues. D. Al'tshuler. Isk. kino no.2 [illegible] '60.

Motion pictures for road builders. [illegible] Avt. dor. 23 no.2 [illegible] '60

Topic outline for the production of motion pictures [illegible] struction in 1960. Biul. stroi. tekh. 17 no.2 [illegible] '60.

MOTION PICTURES IN SCIENCE

Using high speed motion picture photography in research. I. Lyzlov. NTO 2 no.1 [illegible] '60

MOTOR ABILITY

Dynamics of the lability of the [illegible] persons following the [illegible] at water. [illegible] 25 no.1 [illegible]

Individual peculiarities of the interaction of the [illegible] signal systems in the process of the formation [illegible] skills [in Ukrainian with summary in [illegible]] [illegible] Kotlinova. Naukl. zap. Kiev. [illegible] 104 [illegible] '60

MOTOR VEHICLE INDUSTRY

Automation and [illegible] [illegible]

MOTOR VEHICLES

News of foreign automobile [illegible] no.1 [illegible] Ja '60

[illegible] 38 no.1 [illegible] '60

MOTOR VEHICLES - BIBLIOGRAPHY see Bibliography - Motor vehicles

MOTOR VEHICLES - COLD WEATHER OPERATION

Warming up [illegible] [illegible] '60

MOTOR VEHICLES - ELECTRIC EQUIPMENT [illegible]

Test and [illegible] D. M. Polkov. [illegible]

MOTOR VEHICLES - ENGINES - CARBURETORS

Device for [illegible] [illegible]

MOTOR VEHICLES - ENGINES - MAINTENANCE AND REPAIR

Kuratov, A. I. [Running in and testing [illegible] engines after repair] [illegible] nykh dvigatelei posle remonta. Moskva, [illegible] Izd-vo ministerstva [illegible] [illegible]

MOTOR VEHICLES - LUBRICATION

Kuznetsov, F. S. [Lubrication system [illegible]] Rezhimy smazki avtomobilei. Moskva, [illegible] Izd-vo Min-va avtomobil'nogo [illegible] dorog RSFSR, 1960. 17 p.

MOTOR VEHICLES - MAINTENANCE AND REPAIR

Kuznetsov, F. S. [Efficient conditions for [illegible] of motor vehicles and methods for their [illegible]] Ratsional'nye [illegible] metodika [illegible] Moskva, Avt. transizdat, Pt. 1. [illegible] [illegible] 95 p.

MOTOR VEHICLES - SAFETY DEVICES, ETC. see subdivision under Kovlyakov

MOTOR VEHICLES - STEERING GEAR

Calculating and selecting parameters [illegible] servo system [illegible] Avt. prom. no.1 [illegible] Ja '60

MOTORBOAT RACING see subdivision under Leningrad, Poznan, Poland

MOTORBUS LINES see subdivision under [illegible] Basin, Lena-Vilyui Basin

MOTORBOATS

(see also subdivision under Poland)

Motorboats on the roads. L. Efimova. Za [illegible] no.[illegible] '60

Motorboat [illegible] should be standardized. M. [illegible] Avt. transp. 38 no.1 [illegible] '60

[illegible] system for the [illegible] material [illegible] Avt. transp. 38 no.1 [illegible] '60

MOTORBOATS - ENGINES - MAINTENANCE AND REPAIR

Device for dismounting and mounting engines of the [illegible] motorboats [illegible] Avt. transp. 38 no.1 [illegible] '60

MOTORBOATS - TESTING

Longitudinal rigidity and strength of a frameless motorboat. [illegible] Avt. prom. no.[illegible] '60

MOTORCYCLE RACING

(see also subdivision under Ukraine)

Prepare today for tomorrow's victory. N. [illegible] 38 no.1 [illegible] Ja '60

Racing calendar for 1960. Za rul. 38 no.1 [illegible] Ja '60

What do the [illegible] say. A. Larin. Za rul. 38 no.1 [illegible] Ja '60.

MOTORCYCLES - EQUIPMENT AND SUPPLIES

Why the [illegible] Motorcycles for [illegible] organization [illegible] Za rul. 38 no.1 [illegible] Ja '60

MOTORCYCLES - MAINTENANCE AND REPAIR

[illegible] motorcycles. V. Miroshnikov and others. Za rul. 38 no.1 [illegible] Ja '60

Where [illegible] Za rul. 38 no.1 [illegible] Ja '60

MOTORCYCLES, RACING see subdivision under Ukraine

MOTORTRUCKS

[illegible] S. A. and A. A. [illegible] [illegible] Moskva [illegible] 1960. 408 p.

[illegible] V. IA. and A. I. [illegible] [Operation of motor trucks [illegible]] Moskva, [illegible] MAZ [illegible] 1960. 69 p.

[illegible] MAZ [illegible] with [illegible] Avt. prom. no.[illegible] '60,

[illegible] '60,

MOTORTRUCKS - AXLES

[illegible]

MOTORTRUCKS - BRAKES

[illegible] in motor [illegible]

MOTORTRUCKS - CLUTCHES

Maltsev, [illegible] and A. A. [illegible] [Clutches] Stsepleniia [illegible] A. A. [illegible] Moskva, [illegible] 1960. 101 p.

MOTORTRUCKS - DESIGN AND CONSTRUCTION

[illegible]

MOTORTRUCKS - HEATING

[illegible]

MOTORTRUCKS - MAINTENANCE AND REPAIR

[illegible]

Moskva. [illegible] Nauchno-issledovatel'skii avtomobil'nyi institut [illegible] [Technical specifications for repairing, assembling, and testing the MAZ 200 and MAZ 205] [illegible] MAZ 200 i MAZ 205. Moskva, Avtotransizdat, 1959. 124 p.

MOTORTRUCKS - TRANSMISSION DEVICES

[illegible] axle [illegible]

[illegible]

Effect of the [illegible] action of the driving axle on loads in the transmission. V. M. Semenov, R. G. Armadarov. Avt. [illegible] Ja '60

MOTORTRUCKS - WHEELS

[illegible] in the [illegible] wheel. [illegible] Mitin [illegible]

[illegible] with rear driving wheels [illegible] F. A. [illegible] '59.

MOUNDS see subdivision under Ukraine

MOUNTAINEERING

Effect of preliminary training on acclimatization in the mountains. F. N. Sokolovskaia. Teor. i prak. fiz. kul't. 23 no.1 [illegible] '60

Kudinov, P. I. [Mountain climbing camps] Al'pinistskie lageria. Izd. 4, dop. Moskva, Izd-vo VTsSPS Profizdat, 1960. 207 p.

MOVEMENT (PHYSIOLOGY)

Changes in the electroexcitability curve and in physiological lability in experimental tuberculosis in dogs [with summary in English]. A. I. Plakoto. Biul. eksp. biol. i med. 48 no.[illegible] '59

Coordination of posture and movements in man under conditions of increased and lowered pressurization [with summary in English]. V. S. Gurfinkel' and others. Biul. eksp. biol. i med. 48 no.11 [illegible] N '59

MOVEMENT, PSYCHOLOGY OF

Development of the [illegible] tone and the ability to control and relax the muscles voluntarily in school age children. [illegible] Dokl. APN no.[illegible]

Training of the motor [illegible] Dokl. APN no.[illegible] '59.

Zaporozhets, A. V. [Development of voluntary movements] Razvitie proizvol'nykh dvizhenii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 427 p.

MOZDOK DISTRICT - ROAD CONSTRUCTION

Road construction in Mozdok District. IA. Bulunakov. Avt. dor. 23 no.1 [illegible] Ja '60.

MOZHGA - COOPERATIVE SOCIETIES

At a progressive enterprise. [illegible] Prom. koop. 14 no.[illegible] '60

MTSENSK

Mak[illegible], A. I., and G. I. [illegible] Mtsensk. [Orel] Orlovskoe knizhnoe izd-vo, 1959. 119 p.

MTSENSK DISTRICT - DAY NURSERIES

Work goes better in a friendly atmosphere. V. T. Shchukina. Doshk. vosp. 33 no.3 [illegible] Mr '60.

MUCOUS MEMBRANE

Experimental study on the permeability of the nasal and ocular mucous membranes to rabies virus [with summary in English]. I. A. [illegible] Moldavskaia. Vop. virus. 2 no.6 [illegible] N-D '57

MUD VOLCANOES

(see also subdivision under Azerbaijan)

[illegible] M. [illegible] Vokrug sveta no.2 [illegible] '60.

MULTIPLE SCLEROSIS

Case of atypical course of multiple sclerosis simulating a spinal tumor. V. S. Avchukova, M. I. Zhilkov. Zdrav. [illegible] no.12 [illegible] D '59.

Multiple sclerosis. M. A. Kohanov. [illegible] no.3 [illegible] '60.

MULTIPLICATION - STUDY

One widespread error. [illegible]
no.1 [illegible] '60.

MUNICH - DESCRIPTION

Mountains [illegible]
Vokrug sveta no.2

MUNICIPAL GOVERNMENT
Dagenham, Great Br
Moscow, Murmansk

MUNICIPAL SERVICES
(see also subdivision
Moscow, Podol'sk; S

Brief news. Zhil.-kom

Brief news. Zhil.-kom

From the pages of jou
12 31 '60

In the Technical Council
khoz. 10 no.1 [illegible]

Plenum of the Central
Zhil.-kom. khoz. 10

MUNICIPAL SERVICES -
Conference of the Scien
Municipal Services M
portation. Zhil.-kom

Eliminate more profoun
Zhil.-kom. khoz. 10

MURDER see subdivisio

MURILLO, BARTOLOMÉ
Folk images in works
23 no.[illegible] '60.

MURMANSK — DESCRIPTION
[illegible] the region beyond the Arctic Circle [illegible]

MURMANSK — JOURNALISM
[illegible]

MURMANSK — MUNICIPAL GOVERNMENT
In their opinion they don't need our help. [illegible]

MURMANSK PROVINCE — [illegible]
[illegible]

MURMANSK PROVINCE — FISHERIES
[illegible]

MURMANSK PROVINCE — GEOLOGY
Tectonics and stratigraphy of the White Sea shores [illegible]

MURMANSK PROVINCE — THERAPEUTICS
[illegible]

MUSCLE
[illegible]

MUSCLE PROTEINS
[illegible]

MUSCLE RELAXANTS
[illegible]

MUSCLES
[illegible]

MUSCLES — DISEASES
Clinical aspects of [illegible]

MUSCLES — INNERVATION
[illegible]

MUSCLES — RADIOGRAPHY
Changes in the [illegible]

MUSEUMS
[illegible] Art galleries and museums [illegible]

Original [illegible]

[illegible]

NATIONALITIES
(see also subdivision under Latvia)
Danneva, P. A. [Cooperation of socialist nations in the building of communism] Sotrudnichestvo sotsialisticheskikh natsii v stroitel'stve kommunizma. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 258 p.
Akhlovskaia, S. I. [Development of the Soviet federal socialist state in 1922-1925] Stroitel'stvo soiuznogo Sovetskogo sotsialisticheskogo gosudarstva, 1922-1925 gg. [Moskva] Izd-vo Akad. nauk SSSR, [1959]. 307 p.

NATURAL GAS see subdivision under France

NATURAL HISTORY MUSEUMS see subdivision under Leyden, Netherlands

NATURAL RESOURCES see subdivision under Barents Sea

NATURAL SELECTION
Expediency in organic nature. [illegible] Nauka i zhyttia 9 no.11:15-19 N '59.
Problems of modern ecology and the theory of natural selection. M.S.Giliarov. Usp.sovr.biol. 48 no.3: 267-278 N-D '59.

NATURE STUDY
Acquainting children with the surrounding world. Z. D. Molodtsova, P.M. Rusakova. Doshk. vosp. 33 no.3: 58-60 Mr '60.
Notes of a naturalist. [illegible] no.3:10 Mr '60.
Read these books. [illegible] no.3:[illegible] Mr '60.
Zealous investigator [illegible] no.5 [illegible] My '60.

NAVAL ARCHITECTURE
Investigating the maximum [illegible] under the effect of [illegible] [illegible] Bikovich. Trudy [illegible] no.4 [illegible] '59.

NAVAL ART AND SCIENCE—DICTIONARIES
El'fimov, D. I., comp. [Anglo-Russian and Russian-English dictionary of naval commands] Anglo-russkii i russko-angliiskii slovar' voenno-morskikh komand. Pod red. N. G. Morozovskogo. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 190 p.

NAVAL HYGIENE
Prevention and treatment of [illegible] during the navigation of ships in the tropics. V. [illegible] Voen.-med. zhur. no.[illegible] '60.

NAVAL LIBRARIES see Libraries, Naval

NAVIGATION
(see also subdivision under China)
Investigation of automatic [illegible] control [illegible] model. [illegible] [illegible] no.5:[illegible] '59.

NAVIGATION—RESEARCH
Follow-up of articles published in "[illegible]" [illegible] 20 no.1:47 Ja '60.

NAVIGATION (AERONAUTICS)
Space navigation. V. [illegible] [illegible] 12 [illegible] '60.

NAVLYA—ACCOUNTING
Establish unified accounting offices [illegible] village [illegible] N. Kotashin. [illegible] no.3:[illegible] Mr '60.

NAZAROVO—RESTAURANTS, LUNCHROOMS, ETC.
Nazarovo State Regional Electric Power Plant built by the youth. S. Stepanov. Obshchestv. pit. no.3:32-34 [illegible] '60.

NEAR EAST—ECONOMIC CONDITIONS
Genin, B. A., and P. M. Dantsig. [Countries of South-western Asia and North Africa; economic-geographical survey. Textbook for teachers] Strany IUgo-Zapadnoi Azii i Severnoi Afriki; ekonomiko-geograficheskii obzor. Posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va pros. RSFSR, 1960. 248 p.

NEBIT DAG REGION—OIL FIELD BRINES
Formation waters of the Nebit Dag [illegible] [illegible] V. V. Kolodii, O. P. Gundar. [illegible] Az. [illegible] 102 '59.

NEBULAE
Study of extragalactic nebulae and results of [illegible] observations with the A[illegible] [illegible] A. V. Markov. Izv. GAO [illegible] 110-122 '58.

NEBULAE—CATALOGS
Catalog of 1500 extragalactic nebulae in 152 sky regions of the area from +60° to −5° declination selected for the determination of proper motions of stars. [illegible] V. V. Lavdovskii, N. V. Kalitskhin. Izv. GAO [illegible] 14-48 '58.

NECK—TUMORS
Case of diffuse osteochondroma [illegible] N. P. [illegible] Zdrav. Belor. 6 no.3:[illegible] Mr '60.

NEFTYANYE KAMNI REGION—CLAY
Lithology of the Neftyanye Kamni field [illegible] geophysical data. [illegible] Izv. vys. ucheb. zav.; neft' i gaz [illegible] no.12 [illegible]

NEFTYANYE KAMNI REGION—HUMIDITY
Vertical distribution of humidity in the lower atmospheric layer over the Caspian Sea according to observations made at the Neftyanye kamni. N. P. Goptarev. Trudy GOIN no.46:32-40 '59.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877
Tarasov, A. F. [The N. A. Nekrasov Karabikha Country Estate Museum; guidebook] Karabikha, Muzei-usad'ba N. A. Nekrasova; putevoditel'. [IAroslavl'], IAroslavskoe knizhnoe izd-vo], 1959. 109 p.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877—FICTION
Lozhechko, A. D. [Stories about Nekrasov] Rasskazy o Nekrasove. [IAroslavl'], IAroslavskoe knizhnoe izd-vo, 1959. 127 p.
(RNC)

NEMATODA see subdivision under Stalinabad District

NEMATODE DISEASES OF PLANTS
Rubtsov, A. A. [Gall nematode; a monograph on economic helminthology] Galloobrazuiushchaia nematoda, monografiia po ekonomicheskoi gel'mintologii. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1959. 202 p.

NEMIROV (LVOV PROVINCE)—BACTERIA, SULFUR
Microbiological investigation of sulfur deposits in the Carpathian Mountain region. Report No. 1: Investigation of the Nemirov and Lyuben deposits [with summary in English]. M. V. Ivanov. Mikrobiologiia 29 no.1:109-113 Ja-F '60.

NEOABIETIC ACID
Neoabietic and abietic acids, the primary [illegible] acids in [illegible] from the [illegible] [illegible] G. V. Pigulevskii, V. G. Kostenko. Zhur. prikl. khim. 33 no.[illegible] 441 [illegible] '60.

NEODYMIUM COMPOUNDS
Complexes of cerium, neodymium, and samarium with gluconic acid. N. A. Kostromina. Zhur. neorg. khim. [illegible] no.1:95-101 Ja '60.

NEON—ISOTOPES
Measurement of the lifetime of the first excited state of Ne^{20} [with summary in English]. A. G. Khabakhpashev, E. M. [illegible] Zhur. eksp. i teor. fiz. 37 no.4:991-993 O '59.

NEPAL—FOREIGN RELATIONS—RUSSIA
[illegible] Katmandu Valley. N. [illegible] [illegible] no.[illegible] '60.

NEPAL—AGRICULTURE
[illegible] [illegible] '60.

NEPHELINE SYENITE see subdivision under Khibiny Mountains

NEPHELITE
Difficult metal. [illegible] Znan. sila 35 no.[illegible] '60.

NERUDA, JAN, 1834-1891
Herald of the [illegible] of the Czech people; on the [illegible] anniversary of the birth of Jan Neruda. [illegible] no.[illegible] '59.

NERVES
Relation of the energy and substance metabolism in the [illegible] of the [illegible] of the nerve tissue. [illegible] Trudy Inst. fiziol. 8:[illegible] '59.

NERVES—ANATOMY
[illegible] of some peripheral nerves [in Azerbaijani with Russian summary]. M. S. Abdullaev. [illegible] 14 [illegible] '60.

NERVES, INTERCOSTAL
Ramification and branching of the intercostal nerves in human embryogenesis. [illegible] Vop. morf. perif. nerv. sist. no.4:175-201 '59.

NERVES, SPINAL
Morphology of the spinal ganglia in hypertension. A. S. Kravchenko. Zdrav. Turk. 3 no.6:20-24 N-D '59.

NERVES, SPLANCHNIC
Development of the large splanchnic nerve. [illegible] Vop. morf. perif. nerv. sist. no.4:29-40 '59.
[illegible] of the afferent spinal fibers of the large splanchnic nerve. [illegible] Vop. morf. perif. nerv. sist. no.4:41-45 '59.

NERVOUS SYSTEM
Adaptation and sensitization of the neural formations during the development of parabiosis (steady excitation). L. I. Vasil'ev. Trudy Inst. fiziol. 8:168-176 '59.
Changes in the higher nervous activity of rats during X-irradiation [with summary in English]. [illegible] Med. rad. 4 no.12:[illegible] '59.
Changes in the muscles in X-ray pictures in certain diseases of the nervous system in children. M. A. Finkel'shtein, E. D. Karanova. Vest. rent. i rad. 34 no.6:75-77 N-D '59.
Comparative investigation of the higher nervous activity of hypertension patients by the clinical and the oral-motor methods. K. N. Zamyslova. Klin. med. no.5:[illegible] '58.
Comparative investigation of the phagocytic reaction to heterogenic proteins and to toxinfectious action in animals with various types of nervous systems (dogs and white rats) [with summary in English]. L. I. Kalachko. Pat. fiziol. i eksp. terap. 4 no.1:53-60 Ja-F '60.
Comparison of the results of an investigation of the higher nervous activity of patients with hypertension and coronary insufficiency as shown by data from clinical, electroencephalographic, and oral-motor methods. K. N. Zamyslova, [illegible] Klin. med. no.5:[illegible] '58.
Dynamics of the bromine content of the blood and of the higher nervous activity in hypertension patients following treatment with sodium bromide. L. A. Kotovina. Klin. med. no.5:[illegible] '58.
Effect of insulin and substances depressing insulin synthesis (alloxan and dithizone) on the sensitivity of choline-reactive structures of the central nervous system [with summary in English]. S. M. Treplov. Probl. endok. i gorm. 5 no.5:8-13 S-O '59.
Electrophysiological analysis of functional conditions of various regions of the nervous system in shock [with summary in English]. V. S. [illegible] Biul. eksp. biol. i med. 48 no.11:[illegible] N '59.
Evolution of functions of the central nervous system. D. A. Biriukov. Fiziol. zhur. 45 no.11:1398-1401 N '59.
Evolution theory of Darwin in the problem of the development of the [illegible] [illegible] [illegible] 46 no.1:[illegible] Ja '60.
Functional relationship between the higher segments of the central nervous system and the parathyroid glands. N. I. Baranova. Trudy Inst. fiziol. 8:[illegible] '59.
Higher nervous function. P. [illegible] Nauka i zhyttia 9 no.11:[illegible] N '59.
Hormonal effect as a function of the state of excitability of the central nervous system. E. Sh. Airapet'iants, [illegible] Lebedeva, [illegible] Trudy Inst. fiziol. 8:[illegible] '59.
Influence of methionine on the higher nervous activity of rats in protein deficiency [with summary in English]. I. A. Alekseeva, [illegible] Vop. pit. 19 no.1:[illegible] Ja-F '60.
Intensity and duration of localized and generalized reactions in [illegible] children with various typological features of the nervous system [with summary in English]. V. [illegible] Zhur. mikrobiol., epid. i immun. 30 no.[illegible] '59.
Phagocytic properties of [illegible] in various states of the nervous system [with summary in English]. [illegible] [illegible] no.[illegible] '60.
Review of D. N. Nasonov's "Local protoplasm reaction and spreading excitation." E. K. Zhukov. Tsitologiia 2 no.1:99-100 Ja-F '60.
Role of the nervous system in the origin and course of [illegible] [illegible] Trudy Inst. fiziol. 8:164-176 '59.
"Selective action of medicinal substances on the central nervous system", collection of articles edited by S. V. Anichkov. Reviewed by V. V. Zakusov. Farm. i toks. 22 no.6:[illegible] N-D '59.
Some characteristics of higher nervous activity in adult animals after prenatal exposure to ionizing irradiation. Report No. 2: State of higher nervous activity in adult rats after irradiation during the 18th day of prenatal development [with summary in English]. [illegible] [illegible] Biul. eksp. biol. i med. 48 no.12:[illegible] D '59.
Some new data on the neural regulation of the digestive organs. A. V. Solov'ev. Trudy Inst. fiziol. 8:321-[illegible] '59.

NERVOUS SYSTEM—DISEASES
Lopolepov, N. K., ed. [Disability evaluation in nervous and mental diseases] Ekspertiza trudosposobnosti pri nervnykh i psikhicheskikh zabolevaniiakh. Moskva, Gos. izd-vo med. lit-ry, 1960. 343 p.
Diagnostic significance of ultraviolet erythema in diseases of the central nervous system. [illegible] Nikolova [illegible] Vop. kur., fizioter. i lech. fiz. kul't. 25 no.1:47-[illegible] '60.
Gas exchange in disturbances of the higher nervous activity in dogs with strong and weak types of nervous system. V. V. Nikolaeva. Trudy Inst. fiziol. 8:297-[illegible] '59.
Protein fractions in the cerebrospinal fluid and blood serum in nervous diseases [with summary in English]. J. Vymazal. Vop. med. khim. 6 no.1:81-88 Ja-F '60.
Some data on the state of the nervous system in climacteric neurosis [with summary in English]. O. D. Kruchinina. Sov. med. 24 no.1:80-85 Ja '60.

NERVOUS SYSTEM—INSECTS
After-discharge in the neuromuscular apparatus of insects [with summary in English]. I. V. Chudakova. Zhur. ob. biol. 21 no.1:77-80 Ja-F '60.
Nature of the division of neuroblasts, neurilemmal and neuroglial cells in the brain of the Chinese tussah moth. A. A. Panov. Dokl. AN SSSR 132 no.3:689-692 My '60.

NERVOUS SYSTEM—SURGERY

All Union Conference of Neurosurgeons [illegible]
[illegible]

Shamov, V. [illegible], ed. [Surgery for injuries of the [illegible] a practical manual] [illegible] nervous systems, [illegible] 1951. 470 p.
(DNLM)

NERVOUS SYSTEM—SYPHILIS

[illegible]

Treatment of [illegible] syphilis [illegible]

NERVOUS SYSTEM—VERTEBRATES

[illegible]

NERVOUS SYSTEM—WOUNDS AND INJURIES

[illegible]

NERVOUS SYSTEM, AUTONOMIC

[illegible]

NERVOUS SYSTEM, SYMPATHETIC

[illegible]

NERVOUS SYSTEM, VASOMOTOR

[illegible]

NESTEROV, MIKHAIL VASIL'EVICH [illegible]

[illegible]

NETHERLANDS—[illegible]

[illegible]

NETHERLANDS—SURGERY

[illegible]

NEURALGIA, TRIGEMINAL

Advances in the treatment of [illegible]

Treatment of neuralgia of the trigeminal [illegible]

NEURASTHENIA

[illegible]

NEUROLOGY—CONGRESSES

[illegible]

[illegible]

[illegible]

[illegible]

NICKEL HYDROXIDE

Surface and structure of nickelous hydroxide. N. G. Klikina. Zhur. prikl. khim. 33 no.1:76-80 Ja '60.

NICKEL MAGNESIUM ALLOYS

Temperature dependence of the paramagnetic susceptibility of nickel magnesium and nickel manganese ferrites. V. I. Chechernikov. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.1:91-90 '59.

NICKEL-MANGANESE ALLOYS see Manganese nickel alloys

NICKEL MOLYBDENUM ALLOYS

Mechanism governing the electrodeposition of alloys of molybdenum and tungsten with metals of the iron group. Part 2: Oscillographic study. T. F. Frantsevich-Zabludovskaia, A. I. Zalata, V. T. Barchuk. Ukr. khim. zhur. 26 no.1:10-15 '60.

NICKEL OXIDE

Kinetics and mechanism of nickel oxide reduction by hydrogen [with summary in English]. A. [illegible] Zhur. fiz. khim. 33 no.1 [illegible] '60.

NICKEL PLATING

Electrodeposition of nickel cobalt alloys in thick layers. V. I. Lainer, Iu. A. Vel'skii [illegible] '60.

Nickel plating by the thermal decomposition of nickel tetracarbonyl vapors. A. M. Vorobiev, A. I. Belozerov. Zhur. prikl. khim. [illegible] Ja '60.

Nickel plating of type metal stereotypes. A. V. Sidorova, M. M. Kobedelala. Polig. proizv. no.1:18 Ja '60.

NICKEL SILICON ALLOYS

Nickel silicon alloy used in the construction of parts for sulfuric acid concentrators. [illegible] Khim. prom. no.7 [illegible]

NICKEL TUNGSTEN ALLOYS

Mechanism governing the electrodeposition of alloys of molybdenum and tungsten with metals of the iron group. Part 2: Oscillographic study. T. F. Frantsevich-Zabludovskaia, A. I. Zalata, V. T. Barchuk. Ukr. khim. zhur. 26 no.1:10-15 '60.

NICKEL ZINC ALLOYS

Electric and galvanomagnetic properties of nickel zinc ferrite. A. N. Gordeeva, L. I. Koroleva, [illegible] Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.4:97-104 '59.

NICOTINE

Nicotine poisoning [with summary in English]. [illegible]

Occurrence of hypertension among [illegible] and the influence of nicotine on [illegible] experimental conditions. [illegible]

NICOTINIC ACID

Determining the nicotinic acid [illegible] of the blood by means of a [illegible] A. M. Petrunkina. Trudy [illegible]

Effect of nicotinic acid in food on the [illegible] nicotinic acid in human [illegible] and others. Trudy Inst. fiziol. [illegible]

Polarographic method for the determination of nicotinic acid in a monovitamin drug. [illegible] Frankova. Vop. pit. 19 no.1 [illegible] '60.

NIETZSCHE, FRIEDRICH WILHELM, 1844-1900

Critical evaluation of Nietzsche in philosophy [illegible] ary nature of the teachings of Nietzsche by [illegible] Reviewed by M. P. Baskin. Vop. filos. 14 no.5 [illegible] '60.

NIGER VALLEY LANGUAGES

Pronouns in the languages of the Niger [illegible] Pil'shchikova. Trudy Inst. [illegible]

NIGERIA POLITICS AND GOVERNMENT

Disturbances in Nigeria. V. [illegible] no.5 [illegible] My '60.

NIGHT SKY

Brilliance of the twilight sky along the vertical circle of the sun, taking into account secondary scattering. M. [illegible] Pereverton. Trudy Inst. astr. [illegible] AN Kazakh. [illegible] 210 '59.

Color of the twilight sky at the zenith [with summary in English]. N. B. Divari. Izv. Astrofiz. inst. AN Kazakh. SSR no.9 [illegible] '59.

Study on the luminescence of the night sky and the aurorae during the International Geophysical Year at Alma-Ata. [illegible] [illegible] '59.

NIGHT SKY - SPECTRA

Spectrophotometric investigation of the continuous emission spectrum of night glow in the visual region of the spectrum [with summary in English]. V. [illegible] L. N. Tulenkova. Izv. Astrofiz. inst. AN Kazakh. [illegible] no.9 60-65 '60.

NIHILISM

(see also subdivision under Czechoslovakia)

History of the antinihilism and atheism of Russian [illegible] in 1905-1907. L. I. Emeliakh. Ezhegod. Muz. ist. rel. i ateiz. 3:265-286 '59.

NIKITIN, NIKOLAI NIKOLAEVICH, 1897-

Great path. I. Plotkin. Zvezda no.11:203-205 N '59.

NIKOLAEV, IURII

My contemporary, how do you live? N. Brodskaia. [illegible] no.24:8 D '59.

NIKOLAYEV PROVINCE BUILDING TRADES STUDY AND TEACHING

New construction foremen. V. Atamanov, M. Kovalets'. Sil' bud. 7 no.12:10 D '57.

NIKOLAYEV PROVINCE EDUCATION, PRESCHOOL

Education conferences. V. Sinkevych. Doshk. vykh. 31 no.7:41-45 J '60.

NIKOPOL' MANGANESE

Surface faulting during underground workings in the "Nikopol" Manganese Basin. [illegible] [illegible]

NIKOPOL' DISTRICT WORKSHOPS EQUIPMENT AND SUPPLIES

To please the machinery operators. Iu. Bugaev. Sel' mekh. no.2 [illegible] '60.

NINOSHVILI, EGNATE, pseud., 1859-1894

"Rebellion in Guriya" by Egnate Ninoshvili. Reviewed by [illegible] Zvezda no.12:211-213 D '59.

NIOBIUM

Electrochemical behavior of metals of the vanadium subgroup. Part 1: Hydrogen overvoltage. T. I. Kononchuk, [illegible] Ukr. khim. zhur. 26 no.1:25-30 '60.

NIOBIUM ANALYSIS

Determination of titanium, tantalum, and niobium in carbide mixtures. V. G. Shcherbakov, Z. K. Stegendo. Zav. lab. 26 no.2:140-142 '60.

NIOBIUM ISOTOPES

[illegible] and niobium radioisotopes in the study of [illegible] M. I. [illegible] A. [illegible] 26 no.1 [illegible] '60.

NIOBIUM METALLOGRAPHY

Changes in the fine crystal structure of niobium under the effect of [illegible] by plastic deformation. [illegible] [illegible] [illegible] '59.

NIOBIUM SPECTRA

Spectral determination of admixtures of titanium and tantalum in niobium pentoxide and admixtures of titanium and niobium in tantalum pentoxide. N. I. [illegible] G. V. Kozyreva. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.3:185-188 '59.

NIOBIUM CHROMIUM VANADIUM ALLOYS see Chromium niobium vanadium alloys

NIORADZE, GEORGII, 1887

[illegible]

NITRAGIN

Influence of the new Nitragin preparation nitragin on the coagulation properties of the blood in patients with coronary disease. A. B. Zlotovskii. Vrach. delo no.12 [illegible] D '59.

NITRATES

[illegible] of nitrates and formation of [illegible] during the salting of meat. N. S. Drozdov, A. K. Iskandarian. Izv. vys. ucheb. zav.; pishch. tekh. [illegible]

NITRIC ACID

Effectiveness of the absorption of nitrogen oxides in bubble cap columns. V. I. Atroshchenko, V. I. Konvisar, I. L. [illegible] Zhur. prikl. khim. 33 no.2:289-295 F '60.

[illegible] of [illegible] acids by oxidizing [illegible] with [illegible] M. I. Moldavskii and others. Zhur. prikl. khim. [illegible] '60.

NITRIFICATION see subdivision under Caucasus, Northern

NITRILES

Intensification of the production of acrylonitrile and its technology by the condensation of formaldehyde with [illegible] aliphatic nitriles. M. I. IAkushkin. Khim. prom. no.7:575-577 O-N '59.

NITRITES

Determination of ammonia in the presence of nitrites. G. P. Aleksandrov, V. S. Tikhonova. Zav. lab. 26 no.1 57 '60.

Transformations of nitrate and nitrite and formation of hydroxylamine during the salting of meat. N. S. Drozdov, A. K. Iskandarian. Izv. vys. ucheb. zav.; pishch. tekh. no.6:[illegible] '59.

NITRO COMPOUNDS

Reactions between unsaturated nitro compounds and organic bases. A. V. Topchiev, E. L. Fantalova. Dokl. AN SSSR 112 no.3:628-631 My '60.

NITROCELLULOSE

Compatibility of high polymers. Viscosity of solutions of nitrocellulose, polyvinyl chloride, and their mixtures with polar rubbers [with summary in English]. V. I. Alekseenko, I. U. Mishustin. Vysokom. soed. 1 no.11: 1593-1598 N '59.

NITROGEN

Effectiveness of various catalysts in speeding up the burning of soil when determining general soil nitrogen according to Kjeldahl's method. P. G. Grabarov, B. N. Vishnevskaia. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.3:54-60 '59.

Significance of the position of a quaternary nitrogen atom in the molecule of certain substances in their reactive capacity with true and false cholinesterase [with summary in English]. N. K. Fruentov. Biul. eksp. biol. i med. 48 no.12:55-61 D '59.

NITROGEN ANALYSIS

Gas analyzer for the automatic measurement of small concentrations of nitrogen in argon by the spectrophotometric method. V. V. Aleksandrov, M. P. Borok. Zav. lab. 26 no.2:214-217 '60.

NITROGEN FIXATION

Multiplication of azotobacter and fixation of nitrogen in the presence of organic fertilizers and other sources of organic matter. V. V. Bernard, E. A. Voronkova. Agrobiologiia no.1:103-108 Ja-F '60.

NITROGEN—ISOTOPES

Development of syntheses of organic compounds tagged with the N15 isotope. B. A. Geller, L. S. Samosvat. Zhur. ob. khim. 30 no.5:1590-1591 My '60.

Mechanism of condensation of amino compounds, as studied with N15. B. A. Geller, L. S. Samosvat. Zhur. ob. khim. 30 no.5:1656-1660 My '60.

NITROGEN COMPOUNDS

Development of syntheses of organic compounds tagged with the N15 isotope. B. A. Geller, L. S. Samosvat. Zhur. ob. khim. 30 no.5:1590-1591 My '60.

NITROGEN IN THE BODY

Nitrogenous extractives in fish muscles [with summary in English]. S. I. Severin, P. L. Vul'fson. Biokhimiia 24 no.6:1002-1009 N-D '59.

NITROGEN METABOLISM

Amount of nitrogenous substances in the blood of pregnant ewes raised under different conditions. A. IU. Kozhakhmetova. Vest. AN Kazakh. SSR 16 no.1:66-76 Ja '60.

Nitrogen and phosphorus content of tumor tissues during the cultivation of viruses [with summary in English]. O. T. Latikova. Vop. virus. 2 no.6:347-351 N-D '57.

Studying the phosphorus metabolism and productivity of plants as functions of the nitrogen balance in experiments using P32 [with summary in English]. O. I. [illegible] Fiziol. rast. 7 no.1:1-12 '60.

Variation in nitrogen metabolism in the brain in cases of liver disorders. N. V. Nevelkin, B. G. Gordon. Trudy Inst. fiziol. 8:520-526 '59.

NITROGEN OXIDES

Effectiveness of the absorption of nitrogen oxides in bubble cap columns. V. I. Atroshchenko, V. I. Konvisar, I. L. Lordkeh. Zhur. prikl. khim. 33 no.2:289-295 F '60.

NITROSOMONAS

Morphology of Nitrosomonas europaea [with summary in English]. F. L. Roban. Mikrobiologiia 29 no.1:34-37 Ja-F '60.

NITROUS OXIDE

Effect of small concentrations of nitrous oxide on conditioned vascular reflexes in human subjects [with summary in English]. I. K. Agaltsova, I. G. Marchenko. Farm. i toks. 22 no.6:483-488 N-D '59.

NIZAMI, GANJAWI, 1141?-1203?

Mamedov, S. F. [Nizami's philosophical, sociological, and political ideas; a lecture] Filosofskie i obshchestvenno-politicheskie vzgliady Nizami; lektsiia. [Moskva] Izd-vo Mosk. univ., 1959. 38 p.
(MH)

NIZHNEUDINSK—RESTAURANTS, LUNCHROOMS, ETC.

Helping fellow workers. G. Orkin. Obshchestv. pit. no.2:12-13 F '60.

NIZHNIY NOVGOROD GOVERNMENT—FEBRUARY REVOLUTION, 1917

How the peasants of the Nizhniy Novgorod Government struggled for land during the diarchy, March-June 1917. P. I. Paramova. Trudy GPI 14 no.4:13-44 '58.

NIZHNIY NOVGOROD GOVERNMENT—LAND TENURE

How the peasants of the Nizhniy Novgorod Government struggled for land during the diarchy, March-June 1917. P. I. Paramova. Trudy GPI 14 no.4:13-44 '58.

NIZHNIY NOVGOROD GOVERNMENT—SOVIETS

How the Nizhniy Novgorod party organization tried to strengthen the alliance of workers and peasants V K Rabin Trudy GPI 14 no 4 102-127 '58

NIZHNIY TAGIL—COAL—CARBONIZATION

Increasing the charges of coke ovens during leveling. A S TSynovnikov and others Koks i khim. no. 2 19-22 '60.

NIZHNIY TAGIL—GIRDERS

Making prestressed arched girders in construction yards I I Kazantsev, L V Pominov, A N Kuplevatskii Bet i zhel.-bet. no. 1,33-34 Ja '60

NIZHNIY TAGIL—HOME AND SCHOOL

A useful work. V. Sokolova, V. A. Mezrin, M. V. Uminskaia. Dosh. vosp. 33 no. 2:65-66 F '60.

NOAH'S ARK

The Deluge and Noah's ark. G. Mode. Nauka i rel. no. 1 18-51 D '59

NOISE

Effect of different industrial noises on the auditory sensitivity of man and the system of establishing norms of noises I I Slavin A I Kachevskaia Probl fiziol akust 4 24-37 '59

NOISE—PHYSIOLOGICAL EFFECT

Olfactory sensitivity at rest and under the influence of auditory stimuli [with summary in English] R Z Amirov Biul eksp biol i med 48 no 11 18-20 N '59

NOMOGRAPHY (MATHEMATICS)

Nomographic proof of some theorems L G Nemtsova. Uch zap MOPI 77 269-280 '59.

Nomographing an engineering problem. G. K. Rozhkov, V A Chebakov, Izv. AN Kazakh SSR, Ser. mat. i mekh. no 8 65-69 '59

NONFERROUS ALLOYS

Potential mechanical properties of alloys at high temperatures. M V. Zakharov. Issl. splav. tsvet met. no. 2 9-18 '60

NONFERROUS ALLOYS—TESTING

Investigating softening processes in low-melting point eutectics. A. A. Bochvar, Z. A. Sviderskaia. Issl. splav tsvet. met. no 2 3-8 '60.

NONFERROUS METAL INDUSTRIES
(see also subdivision under Kazakhstan, Lubenskaya District, Rodnikovskaya, Krasnodar Territory; Ust'-Kamenogorsk)

Corrosion of construction elements in nonferrous metallurgy enterprises. N. P. Shalamov. Prom. stroi. 38 no. 2:5-12 '60.

NONFERROUS METALS
(see also subdivision under Kazakhstan)

Collective and selective flotation of complex copper-zinc ores G. V. Kozlov. TSvet. met. 33 no. 1,13-16 Ja '60

The Communists tend to be thrifty. Mol. komm. no. 1: 27-28 Ja '60.

Determining the range limit of burden removal in mining low-grade complex ore deposits. L. E. Zubrilov. Trudy Gor.-geol. inst. UFAN SSSR no. 41 149-152 '59.

Economic use of nonferrous metals in the national economy of the U S.S.R. A. Dolgov, M. Istrin. Plan. khoz 37 no 5:60-65 My '60

Treatment of blast furnace gas purification slimes at the Kuznetsk Metallurgical Combine. F. A. Baryshnikov, M. N. Kaloshina. TSvet. met. 33 no. 1:57-59 Ja '60.

We should economize with nonferrous metals. L. Grabin. Komm. Ukr. 35 no. 2:91-92 F '60.

NONFERROUS METALS—ANALYSIS

Separation of tellurium from platinum and nonferrous metals by means of a cationite N P. Strel'nikova, G G Lystsova Zav lab 26 no 2:142-144 '60.

NONFERROUS METALS—CORROSION

High temperature oxidation of tungsten, molybdenum, tantalum, and rhenium in recrystallized and peened condition. I. N Frantsevich, V. A. Lavrenko. Issl po zharopr. splav 4 329-339 '59

NONFERROUS METALS—FOUNDING

Growth of single crystals in nonferrous metal castings. A. G. Spasskii. Issl. splav. tsvet. met. no. 2 135-139 '60.

NONFERROUS METALS—METALLURGY

Pervushin, S. A., and others. [Economic aspects of nonferrous metallurgy in the U. S. S. R.] Ekonomika tsvetnoi metallurgii SSSR. Pod red. S. A. Pervushina i S. IA. Rachkovskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 516 p.

Sewage from nonferrous rolling mills. E E Grishina. Vod i san. tekh no 2 12-15 F '60.

Some results of the introduction of new techniques in 1959 and objectives for 1960. TSvet. met. 33 no. 1:1-6 Ja '60.

NONFERROUS METALS—THEMAL PROPERTIES

Recrystallization of high-melting point titanium, hafnium, tantalum, rhenium, tungsten metals and their alloys E. M Savitskii, M A. Tylkina Issl po zharopr splav 4 218-224 '59.

NORIL'SK—ECONOMIC CONDITIONS

Dunaev, V. P. [The northernmost, geographical study of the transpolar city of Noril'sk] Samyi severnyi, geograficheskii ocherk o zapoliarnom gorode Noril'ske. Moskva Gos izd-vo geogr. lit-ry, 1960 71 p.

NORIL'SK REGION—ORE DEPOSITS

Rogover, G. B. [Characteristics of the Noril'sk deposit I, having possible prospecting significance and the efficient method of prospecting it] Mestorozhdenie Noril'sk I, nekotorye ego osobennosti, mogushchie imet' poiskovoe znachenie, i ratsional'naia metodika ego razvedki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959 167 p.

NORTH KAZAKHSTAN PROVINCE—AGRICULTURE

From one extreme to another N Lerner Part zhizn' Kazakh 30 no 2 59-64 F '60

NORTH KOREA see Korea, North

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—PEASANTRY

The main stages of the social and economic history of the Norwegian peasantry from the 13th through the 17th century [with summary in English] A. IA. Gurevich. Sred veka no. 16 49-76 '59.

NORWAY—SHIPYARDS

New shipyard in Arendal D IUz. Mor flot 20 no 1 40 Ja '60

NORWAY—THEATER

Gains and losses of the Norwegian theater. Vl. M. Teatr 21 no. 2:191-192 F '60.

NOSE see Olfactory nerve

NOSTAL

Changes in the higher nervous activity of dogs following various doses of quietal (noctal). N. S. Sofronov. Trudy Inst. fiziol 8:426-432 '59

NOTARIES

Bondarev, N. I., T. N. Il'ina, and S. IA. Shimelevich. [Certification of the copies of documents] Zasvidetel'stvovanie vernosti kopii dokumentov. Pod red. IU. A. Kalenova. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 71 p.

From the practice of public notaries. Z. Bulasova. Rad. pravo no. 1:109 Ja-F '60.

Notarial functions of the executive committees of the local soviets of workers' deputies. D. Chorpita. Rad. pravo no. 1:50-53 Ja-F '60.

NOVAYA SIBIR' ISLAND—GEOLOGY

New data on the geology of Novaya Sibir' Island. O. A. Ivanov, D. S. IAshin. Trudy NIIGA 96:61-78 '59.

NOVGOROD—ANTIQUITIES

Novgorod excavations during 1958. M. N. Kislov. Vest. Mosk. un. Ist.-filol. ser. 14 no. 4 193-197 '59.

NOVGOROD—ARCHITECTURE

Kushnir, I. I. [Architecture of Novgorod; an essay in urban building] Arkhitektura Novgoroda, gradostroitel'nyi ocherk. Pod red. V. I. Piliavskogo. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 69 p.

NOVGOROD—BARK INSCRIPTIONS

New Novgorod birch bark inscriptions. A. V. Artsikhovskii. Sov. arkheol. 4 no. 1:230-244 '60.

Notes on the Novgorod birch bark writings. B. B. Kafengauz Ist. SSSR no. 1:168-174 Ja-F '60.

NOVGOROD—CHURCHES

Pagol'skaia, E. K. [The Fedor Stratilat Church in the old business section] TSerkov' Fedora Stratilata na Torgovoi storone. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 10 p.

NOVGOROD—FORTIFICATIONS, OLD

Orlov, S. N., and A. V. Vorob'ev. [Defense system of ancient Novgorod] Oboronitel'nye ukreplenia drevnego Novgoroda. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 53 p.

NOVGOROD—MONASTERIES

Nikitina, IU. I. Antonovo. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 14 p.

NOVGOROD—SERFDOM

Novgorod records on serf holdings, 1598, an attempt at reconstruction. V. M. Paneiakh. Ist. SSSR no. 1:175-181 Ja-F '60.

NOVGOROD PROVINCE—FACTORIES—FIRES AND FIRE PREVENTION

United efforts. I. Zemskov, S. Khakhalev. Pozh. delo 6 no. 2:11 F '60.

NOVIKOV-PRIBOI, ALEKSEI SILYCH, 1877-1944

The positive hero in the works of A. S. Novikov-Pr[illegible] "Submariners," "Uneven roads," "In the Bay of Or[illegible] E F Shcherbakova Uch zap Mosk gor. ped. inst. [illegible] 155-196 '59.

NOVOCAINE

Effect of ganglion-blocking agents, [illegible] caine on the development of postictal [illegible] sympathetic ganglia [with summary in English] [illegible] Kharkevich Farm i toks 22 no 6 403-[illegible] '59

Effect of novocaine on the development of experimental atherosclerosis. G. S. Gvishiani, A. N. Au[illegible] Gegenava. Soob. AN Gruz. SSR 24 no. 1 [illegible]

Effect of retrobulbar injections of adrenalin with novocaine on intraocular pressure in glaucoma patients A. A. Volkova Vest. oft. 72 no. 6:35-38 N-D '59

Novocaine in glaucoma. E. I. Kovalevskii [illegible] 6 no 3 12-44 My '60

Use of electrophoretic introduction of [illegible] temporal neurovascular bundle in [illegible] P. I. Liudvinskaia, A. O. Rubchinskaia. Vop [illegible] ziotet. i lech. fiz. kul't. 25 no 1:13-16 '60.

NOVOCHERKASSK—ELECTRIC LOCOMOTIVES

Improving accounting and its mechanization [illegible] Bukhg. uchet 17 no. 3 55-58 Mr '60

NOVOSIBIRSK—APARTMENT HOUSES—MAINTENANCE AND REPAIR

I. Ustinov's mixed brigade. G. Gilippov. Zhil [illegible] khoz 10 no 1:14-15 '60.

NOVOSIBIRSK—GUTTERS

Replacing exterior gutters by interior discharge pipes V Petrovskii. Zhil -kom khoz 10 no 2 [illegible]

NOVOSIBIRSK—INSTRUMENT INDUSTRY

Out of touch with primary organizations V Vlalu[illegible] NTO 2 no 1 51-52 Ja '60

NOVOSIBIRSK—MACHINERY INDUSTRY

We visited only three plants. A. Gervash, M. II [illegible] Znan. sila 35 no. 1:2 of cover -2 Ja '60.

NOVOSIBIRSK—RESTAURANTS, LUNCHROOMS, ETC.

Both the customers and the hosts are workers [illegible] leshchenko. Obshchestv. pit. no. 2:9-11 F '60.

Consider our work as of primary importance... N Tarchina. Obshchestv. pit. no. 2:7-9 F '60.

A great deal remains to be done. L. Meer. Obshchestv. pit. no. 2:14-15 F '60.

NOVOSIBIRSK—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Electric fryer. V. TSank. Obshchestv. pit. no 2 [illegible] F '60.

NOVOSIBIRSK—STEELWORKS—EQUIPMENT AND SUPPLIES

We visited only three plants. A. Gervash, M. II [illegible] Znan. sila 35 no. 1 2 of cover -2 Ja '60

NOVOSIBIRSK—STREET CLEANING

Work of the street-cleaning trust in the city of Novosibirsk. S Agarkov Zhil.-kom. khoz 10 no 1 [illegible] '60.

NOVOSIBIRSK—SWINE HOUSES AND EQUIPMENT

This promises big profits. N. Titov. Obshchestv. p[illegible] no. 2:24-26 F '60.

NOVOSIBIRSK—TECHNOLOGICAL INNOVATIONS

Try daily to improve machinery. I N. Mikhail[illegible] Tr[illegible] stroi. 10 no 2 9-11 F '60

NOVOSIBIRSK—TURBOGENERATORS

We visited only three plants. A. Gervash, M. II [illegible] Znan. sila 35 no. 1:2 of cover-2 Ja '60.

NOVOSIBIRSK PROVINCE—COLLECTIVE FARMS

Shukletsov, V. T. [Organizational and economic consolidation of collective farms, and the rise in the material prosperity of the collective-farm peasantry from 1953-1957, based on data for Novosibirsk Province] Organizatsionno-khoziaistvennoe ukreplenie kolkhozov i pod[illegible] material'nogo blagosostoianiia kolkhoznogo krest[illegible] v 1953 - 1957 godakh; po materialam Novosibirsk[illegible] oblasti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, [illegible] 65 p.

NOVOSIBIRSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

In line. M. Stepanov. Obshchestv. pit. no. 2:2-[illegible] F '[illegible]

NOVOSIBIRSKIYE ISLANDS—THUNDERSTORMS

June thunderstorms on Novosibirskiye Islands. F. K Sisko. Probl. Arkt. no. 5:127-131 '58.

NOVO-TROITSK (KIRGHIZISTAN)—SUGAR MACHINERY

Use of hydrocyclones at the Novo-Troitsk factory. [illegible] Zhuravleva, F. N. Dobronravov, R. B. Lozinsk[illegible] prom. 34 no. 2:14-20 F '60.

NOVO-VORONEZH—ATOMIC POWER PLANTS
Journey into the atomic age. O. Kuprianov. [illegible] 40 no.1:158-171 Ja '60.

NUCLEAR ENGINEERING
[Nuclear engineering abroad.] Atomnaia tekhnika za rubezhom 4 no.6 Je '60. 47 p.

NUCLEAR MAGNETIC RESONANCE
Correction to the second moment of a nuclear magnetic resonance line when a phase detector is being used [with summary in English]. N. M. Aleksandrov, V. V. Moskalev. Vest. LGU 15 no.10:55-58 '60.
Spectrometer for nuclear magnetic resonance in intermediate fields [with summary in English]. V. V. Frolov. Vest. LGU 15 no.10:59-61 '60.

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR REACTIONS
Application of the potential barrier reflection to the study of [illegible] in nuclear emulsions [with summary in English]. P. I. Fedotov. Zhur. eksp. i teor. fiz. 37 no.4:941-949 O '59.
Calculation of exchange in the theory of [illegible]. R. K. Peterkop. Zhur. eksp. i teor. fiz. [illegible] O '59.
Effect of viscosity in multiple production on the energy distribution of secondary particles [with summary in English]. A. A. Emel'ianov, D. S. Chernavskii. Zhur. eksp. i teor. fiz. 37 no.4:1058-1061 O '59.
Measurement of moments of fast charged particles and investigation of nuclear reactions with energies in the range of 10 10 to 10 12 eV [with summary in English]. M. I. Daion, V. Ia. Vol[illegible]. Zhur. eksp. i teor. fiz. 37 no.4:906-909 O '59.
Minimum error in the experimental determination of [illegible]. S. P. Kleptsov. [illegible] no.4:1119-1122 O '59.
Nonelastic reactions of [illegible] with energies from 80 to 400 MeV [with summary in English]. A. G. Meshkovskii, IA. IA. Shalamov. [illegible] 37 no.4:[illegible] O '59.
Partly nonhomogeneous [illegible] in strong interaction of [illegible] particles [with summary in English]. [illegible] Zhur. eksp. i teor. fiz. [illegible] no.4:1041-1051 O '59.
Possibility of [illegible] nucleus produced [illegible] with [illegible] [illegible] 37 no.4:[illegible] O '59.
Some characteristics of [illegible] particles with [illegible] [illegible]perov. Zhur. eksp. i teor. fiz. [illegible] '59.
Two types of neutrinos, [illegible] universal four-fermion interaction [with summary in English]. I. M. Lipmanov. Zhur. eksp. i teor. fiz. [illegible] no.4:1054-1057 O '59.

NUCLEAR REACTORS
(See also subdivision under [illegible])
Using prestressed reinforced concrete in building [illegible] reactors. A. B. [illegible] Prom. stroi. 38 no.4:[illegible] '60.

NUCLEAR RESEARCH
Sharing atomic knowledge [illegible] Amerika no.41:[illegible] '60.

NUCLEAR ROCKETS
Atomic rocket. [illegible] '60.
Toward the stars. [illegible] '60.

NUCLEI, ATOMIC
Effect of the [illegible] of nuclear forces [illegible] [illegible] '59.
Nucleon core model of [illegible] of the excited core [with summary in English]. [illegible] Grechukhin. Zhur. eksp. i teor. fiz. [illegible] O '59.
Probability of [illegible] [illegible] 37 no.4:[illegible]
Theory of the nuclear [illegible] Zhur. eksp. i teor. fiz. [illegible]

NUCLEI, ATOMIC—SPECTRA
Research in nuclear spectroscopy. [illegible] Vest. AN SSSR 30 no.5:[illegible] My '60.

NUCLEIC ACIDS
Changes in the [illegible] ontogenesis [with summary in English]. [illegible]
Comparative data on the composition of nucleic acids in the nervous system of man [with summary in English]. F. D. Skvirskaia, T. P. Bakh[illegible] [illegible] no.6:859-867 '59.
Cytochemical study of nucleic acids in the [illegible] of the rabbit during ontogenesis. V. I. Kos[illegible] Tsitologiia 2 no.1:29-[illegible] Ja-F '60.

Effect of gibberellins and nucleic substances on the growth and flowering of plants. M. Kh. Chailakhian. Izv. AN Arm. SSR Biol. nauki 12 no.11:3-13 N '59.
Effect of plutonium on the amount and synthesis of nucleic acids in certain tissues of the rabbit [with summary in English]. V. V. Konstantinova, R. I. Lifshits. Biokhimiia 24 no.6:[illegible] N-D '59.
Effect of [illegible] acid and its hydrolysates on the incorporation of glycine labeled with C^{14} in proteins of normal and tumor tissues [with summary in English]. [illegible] Biul. eksp. biol. i med. 48 no.11:[illegible] N '59.
Effect of [illegible] on the nucleic acid level in the liver and [illegible] of rabbits. [illegible] Med. rad. [illegible]
Features of [illegible] reaction to the administration of [illegible] in animals. [illegible] Med. rad. 5 no.1:[illegible] '60.
Mechanisms of the cell duplication of elementary cell structures. Pt. 2. Physical principles of the spiral form of certain macromolecules and the possible mechanisms of DNA replication. N. V. Luchnik, IU. M. Plishkin, G. G. [illegible]. Tsitologiia 2 no.1:57-61 Ja-F '60.
Model the [illegible] theory of deoxyribonucleic acid polycondensation. M. V. Vol'kenshtein, A. M. El'iashevich. Dokl. AN SSSR [illegible] My '60.
Nucleic acids problem in biology. [illegible] Priroda [illegible] My '60.
Nucleic acids and enzymatic functions of the adenyl system in the pathogenesis of inflammation [with summary in English]. [illegible] Arkh. pat. [illegible]
Nucleotide composition of deoxyribonucleic and ribonucleic acids of some fungi. S. O. Uryson, A. N. Belozerskii. Dokl. AN SSSR 132 no.3:708-[illegible] My '60.
[illegible] of the effect of the [illegible] [with summary in English]. I. N. Fedorova. [illegible]
[illegible] in nucleic acids and proteins in early embryogenesis of animals [with summary in English]. P. V. [illegible] Trudy [illegible]

NUCLEONS
Scattering of a photon on a nucleon in the one-meson approximation [with summary in English]. L. D. Zhu[illegible]. Zhur. eksp. i teor. fiz. 37 no.4:991-998 O '59.

NUCLEOPROTEINS
[illegible] in the nucleus [with summary in English]. V. A. [illegible]

NUCLEOTIDES
[illegible] of oxidation [illegible] [with summary in English] [illegible]

NUMBER CONCEPT
[illegible] of negative [illegible]

NUMBERS, COMPLEX
[illegible], V. P. [Complex numbers] Kompleksnye chisla. Moskva [illegible] A. M. [illegible] p.
[illegible]

NUMBERS, INDEX see Index numbers (Economics)

NUMBERS, THEORY OF
Axiomatic basis for the concept of a measurable system of magnitudes. S. G. Alimov. Uch. zap. MGZPI no.3: 5-23 '58.
[illegible] Gol'dberg. Uch. [illegible]
[illegible]

NUMERICAL CALCULATIONS
Berezin, I. S., and N. P. Zhidkov. [Methods of calculation] Metody vychislenii. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1. 1959. 464 p.
Vol. 2. 1959. 620 p.

NUMERICAL FUNCTIONS
Some theoretical numerical functions from matrices. I. A. [illegible] Uch. zap. MGPI 138:79-100 '58.

NURA RESERVOIR—PARASITES
Parasites of fish in [illegible] reservoirs of central Kazakhstan. [illegible] Trudy sov. Ikht. kom. no.9: [illegible] '59.

NURSERIES (HORTICULTURE)
Systems of tree and shrub nurseries. P. Obydennyi. Zhil.-kom. khoz. 10 no.1:10-11 '60.

NURSES AND NURSING
(see also subdivision under Groznyy, Kyzyl-Orda Province, Varvarovka, Poltava Province)
Legal advice. I. S. Bychkova. Med. sestra 19 no.3:46-47 Mr '60.
Let us bring medical equipment to a new, higher stage. Med. sestra 19 no.3:3-4 Mr '60.
Nurses' councils. A. V. Ikonnikova. Med. sestra 19 no.2:11-12 F '60.
Tsappi, E. F., and T. B. Sokolova. [Work of the visiting nurse] Rabota patronazhnoi sestry. Moskva, Gos. izd-vo med. lit-ry, 1959. 91 p. (Biblioteka srednego medrabotnika)
(DNLM)

NURSES AND NURSING—STUDY AND TEACHING
(see also subdivision under Pereaslavl')
Improve the work of visiting nurses. V. I. Shipilov. Med. sestra 19 no.1:27-29 Ja '60.

NUTHATCHES
Notes of a naturalist. N. Rafmova. Iun. nat. no.2:36-37 F '60.

NUTRITION
(see also subdivision under Germany, East)
Biological evaluation of nutrition and its prophylactic role. K. S. Petrovskii. Vest. AMN SSSR 15 no.1:10-55 '60.
Conditioned reflex interconnection of the act of eating (natural, simulated feeding and filling the stomach with food) with the sugar content of the blood, some problems in the physiology of appetite) [with summary in English]. V. A. Tychinin, S. N. Shcherbatiuk. Vop. pit. 19 no.1: 40-45 Ja-F '60.
Human frontier—nutrition. Amerika no.41:17 '60.
Note about nutrition. Amerika no.41:30 '60.
Nutrition of flying personnel in northern latitudes. N. P. Ushakov, M. I. Kuznetsov. Voen.-med. zhur. no.2:72-[illegible] F '60.
This will be achieved in 1980. Nauka i zhizn' 27 no.1:12 Ja '60.

NUTRITION—RESEARCH
"We are what we eat." Donald W. [illegible] Amerika no.41: [illegible] '60.

NUTRITION—STUDY AND TEACHING
Clinic for alimentary diseases as an academic and research base for a department of the hygiene of nutrition. Z. M. Agranovskii. Vop. pit. 19 no.1:81-84 Ja-F '60.

NUTS
Completing butter nut "bread of tomorrow." I. Simonov. Znan. sila 15 no.2:11 F '60.

NYLON
Operation of the continuous polymerizing and spinning unit. I. P. Katushkina, L. M. Kolchinskaia, K. E. Fish[illegible]. Khim. volok. no.6:68-73 '59.
Peculiarities in the production of articles from capron in small lot production. A. A. Shtarman. Med. prom. 14 no.2:41-48 F '60.
Preparation of capron resin from caprolactam. L. N. Chertkov, M. I. Teterin. Khim. v shkole 15 no.1:65-67 Ja-F '60.
Fractures of twisted capron yarn. N. V. Shakhova. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.6:[illegible] '59.
Use of capron in the repair of ships and ships equipment. I. O. [illegible] Rech. transp. 19 no.1:26 Ja '60.
Which section should manufacture highly twisted capron silk? F. P. Ivanova. Khim. volok. no.6:62-63 '59.

NYLON—TESTING
Investigating the wear resistance of capron. G. A. Presla, P. I. Pavlik. Vest. mash. 40 no.2:40-43 F '60.
Wear resistance and antifriction properties of nylon. P. I. Bautin, G. A. Bulanovskii. Izv. vys. ucheb. zav.; tekh. leg. prom. no.6:105-111 '59.

NYMPHAEUM—TOMBS
Necropolis of Nymphaeum. I. I. [illegible]. Mat. i issl. po arkheol. no.69:5-107 '59.

NYUKKOZERO, LAKE—FISHERIES
Significance of Lake Nyukkozero in commercial fishing. O. I. Potapova. Trud. Kar. fil. AN SSSR no.14:45-60 '59.

OAK see subdivision under Russia, Northern; Ukraine

OAK—DISEASES AND PESTS see subdivision under Moldavia

OATS
Use of oats for culturing bacteria used in rat eradication. M. I. Prokhorov, I. D. Rozhanskaia. Trudy VIZR no.12: 104-107 '58.

OB' RIVER
Technological properties of water in the Ob' River and their effect on the selection of coagulating agents. V. A. Rodina. Izv. vys. ucheb. zav.; stroi. i arkhit. no.8:[illegible] '59.

OBERLAENDER, THEODOR, 1905-

The Oberlaender case Nov vrem 18 no 7 16-17 F '60

OBESITY see Corpulence

OBI-GARM

Obi-Garm Health Resort. P IA. Zhukov Zdrav Tadzh 7 no 1·23-24 Ja-F '60

OBRAZTSOV, SERGEI VLADIMIROVICH, 1901-

Obraztsov's fishes. M. Zhalnina. Moskva 3 no. 12·217-218 '59.

OBREIMOV, IVAN VASIL'EVICH, 1894-

Award of the Vavilov gold medal. Vest. AN SSSR 30 no.5: 88 My '60.

OBSTETRICS see subdivision under Kazan

OBUKHOVO—RUG AND CARPET INDUSTRY

Experience in improving the management of production in a consolidated enterprise G I Khodorov, A K Osipov Tekst prom 20 no 1 11-15 Ja '60

OBUKHOVO—WOOL INDUSTRY

Experience in improving the management of production in a consolidated enterprise G I Khodorov, A K Osipov Tekst prom 20 no 1 11-15 Ja '60

OCCUPATIONAL DISEASES

"X-ray diagnosis of occupational diseases" by A. V. Grinberg. Reviewed by B. M. Shtern. Vest. rent i rad. 34 no. 6 81-82 N-D '59.

OCEAN

Gorskii, N. N. [Secrets of the ocean] Tainy okeana. Izd-vo Akad. nauk SSSR, 1960. 218 p.

OCEAN CURRENTS see subdivision under Arctic regions, Barents Sea, Kara Sea

OCEAN TEMPERATURE see subdivision under Antarctic regions; Atlantic Ocean

OCEANOGRAPHIC INSTRUMENTS

Binocular wavemeter-perspectometer E N Belkova. Trudy NIIGMP no 7 132-146 '59.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Antarctic regions, Arctic regions, Yugoslavia)

A little bit about many things. Znan.-sila 35 no. 2:29-30 F '60.

Recent developments in science and techology. Nauka i zhyttia 8 no 4·53 Ap '58.

Resuming the output of normal sea water in the Soviet Union M. P. Nesterova. Probl. Arkt. no. 5·111-112 '58

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCTADIENE

Synthesis of some dichloro derivatives of 2, 6-octadiene. A L. Klebanskii, V. F. Vosik. Zhur. ob. khim. 30 no. 5 1428-1431 My '60.

OCTOPUS

Facts and fables about octopods I. Pidoplichko, A Put'. Nauka i zhyttia 8 no 2.22-24 F '58

OCTYL ALCOHOL

Chromatographic separation of microgram quantities of butyl and isooctyl alcohols. T G. Lipina. Zav. lab. 26 no. 1 55-56 '60.

ODESSA—ACCOUNTING—STUDY AND TEACHING

Method for conducting practical studies on the analysis of economic operations. G. Postnikova. Bukhg. uchet 16 no. 12:34-37 D '59.

ODESSA—ALLIED INTERVENTION, 1918-1920

Glorious page in the history of proletarian internationalism ("Foreign Collegium" by V. Konovalov. Reviewed by S. K. Mel'nyk). Ukr ist. zhur. 4 no 1·121-123 Ja-F '60.

ODESSA—ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS—GUIDEBOOKS

Ukraine. Ministerstvo kul'tury. [The Odessa State Archaeological Museum; concise guidebook] Odes'kyi derzhavnyi arkheologichnyi muzei; korotkyi putivnyk. Odesa, 1959. 38 p.

ODESSA—CHROMOLITHOGRAPHY

Devotion to their profession. V. Duka. Sov. Ukr. 9 no. 8· 181-183 Ag '59.

ODESSA—CONFECTIONERY

Mechanized line for manufacturing toffee. I. O. Raitur. Khleb. i kond. prom. 3 no. 12·34-35 D '59.

—DESCRIPTION

d fifty-three years ago.... J. Reilly.

o. 102·17-18 N '59.

AID

p of Odessa attorneys at law. P. Che-

avo no. 1:110-111 Ja-F '60.

ODESSA—MACARONI

Quality of GMP presses A. IA Itskovich, V IA Bernevek Khleb i kond prom 4 no 1·38 Ja '60

ODESSA—RESTAURANTS, LUNCHROOMS, ETC.

Modern methods must be adopted by all the establishments. G. Orlov. Obshchestv. pit. no. 1·39-40 Ja '60.

ODESSA—SHIPS—MAINTENANCE AND REPAIR

Contribution of Odessa ship repair workers to the seven-year plan V Kheifets, L Banita Mor flot 20 no 1 8-11 Ja '60

ODESSA—SLATE

Silicate volcanic slate. P. Voronin, D. Gol'berg, K. Shternberg. Stroi. i arkhit. 8 no. 1:22-23 Ja '60.

ODESSA—TECHNICAL EDUCATION

In step with life. I. Khersonskii. Prof.-tekh. obr 17 no. 1 19 Ja '60

ODESSA—TEACHERS COLLEGES

Research work of students of our institute. S. IA. Ploticher, V. F. Rudenko. Rad. shk. 39 no. 2·70-72 F '60.

ODESSA PROVINCE—ART, UKRAINIAN

Artists of Odessa Province prepare for the ten-day festival Mystetstvo 6 no 4.29 Jl-Ag '59

ODESSA PROVINCE—ATMOSPHERIC TEMPERATURE

Establishing dates of stable transition of air temperatures beyond certain limits. N. I. Sinitsyna. Trudy OGMI no. 18 85-89 '59.

ODESSA PROVINCE—CITY PLANNING

Transformation of villages in Odessa Province through great urban facilities. D. Ahura, IU. Burko. Sil'. bud. 10 no. 1 6-7 Ja '60.

ODESSA PROVINCE—FARM MECHANIZATION

Machines have come to the farms. B. Tret'iachenko. Okhr. truda i sots. strakh. no. 1 9-12 Ja '60.

ODESSA PROVINCE—JUTE

Effect of soil and microclimatic factors on the formation of the jute fiber. K. B. Burlai. Trudy OGMI no. 18.99-105 '59.

ODESSA PROVINCE—PLOWING

Effect of different tillage methods on the dynamics of soil moisture. A. V. Suchkova, IA IA. Motuzov. Trudy OGMI no 18 47-57 '59

ODESSA PROVINCE—WATER SUPPLY, RURAL

Akademiia nauk URSR, Kiev. Instytut ekonomiky. [Problems in the economy and organization of water supply, and irrigation exemplified by studies in Odessa Province] Pytannia ekonomiky i organizatsii vodopostachannia zroshennia; na prykladi Odes'koi oblasti. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 74 p.

ODESSA REGION—GRAPES

Effect of temperature conditions on the development of the grapevine at different stages of the growing period in the Odessa region. A. V. Suchkova. Trudy OGMI no. 18.69-75 '59.

ODESSA REGION—JUNIPER

Growing conditions of juniper and thuja in saline seashore soils. I. A. Krupenikov, O. G. Sheintsis. Trudy OGMI no. 18.59-68 '59.

ODESSA REGION—THUJA

Growing conditions of juniper and thuja in saline seashore soils. I. A. Krupenikov, O. G. Sheintsis. Trudy OGMI no. 18.59-68 '59.

ODOEVSKII, VLADIMIR FEDOROVICH, 1803-1869

Instead of a review. I. G. Novyi mir 36 no. 2:266-268 F '60.

OFFENSES AGAINST RELIGION see subdivision under Gorkiy Province

OFFICE EQUIPMENT AND SUPPLIES see subdivision under Poland

OFFICE MANAGEMENT—PRODUCTION STANDARDS see subdivision under United States

OIL FIELD BRINES

(see also subdivision under Nebit Dag region)

Some characteristics of boron behavior in oil field waters of a producing formation. D. D. Mazanov, S. G. Salaev. Azerb. neft. khoz. 38 no. 10·4-5 O '59.

Sukharev, G. M. [Hydrogeology and waters of oil and gas fields] Gidrogeologiia i vody neftianykh i gazovykh mestorozhdenii. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry. Leningr. otd-nie, 1959. 342 p.

OIL FIELD FLOODING

(see also subdivision under Azerbaijan)

Characteristics of the progressive flooding of wells in uniform and nonuniform sloping layers. V. N. Shchelkachev. Trudy MNI no. 20.13-22 '57.

Experimental study of oil recovery in water flood operations. I. B. Burtsev. Trudy VNII no. 24.11-21 '59.

Methods for calculating recovery factors in water fl[illegible] operations. F. I. Kotiakhov, IU. S. Mel'nikov, S. A. Serebrennikov. Trudy VNII no. 24 37-63 '5[illegible]

Oil well flooding under ordinary conditions. M. N. [illegible]skaia. Trudy MNI no 20 34-46 '57.

Studying methods of flooding oil from porous media Z. Rzabekov, L S. Melik-Aslanov, V. P. Avanesov. Tr- VNII no 24 22-36 '59.

OIL FIELDS see subdivision under Iraq, Ural Mountains

OIL FIELDS—EQUIPMENT AND SUPPLIES see subdivision under Chapayevsk

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Artem Island, Lok Ba[illegible] region, Azerbaijan)

Automatic control of oil fields. Neft. khoz. 37 no. 12 49-55 D '59.

Effect of the number and pattern of wells on oil re[illegible] IU. P. Borisov. Trudy VNII no. 21:3-10 '5[illegible]

Important problem of the petroleum industry ("Tapping and developing oil wells" by G. T. Ovnatanov. Reviewed by A. Snarskii. Neft. khoz. 37 no. 12 62-63 D '59.

Murav'ev, I. M., ed [Reference book on petroleum production] Spravochnik po dobyche nefti. Moskva Gos nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

Vol 3. 1960. 712 p.

Some additions to the existing method of investigating lift wells. IU. A. Balakirev. Azerb. neft. khoz. [illegible] 23 25 O '59.

Studying oil recovery from reservoir rocks. [illegible]shenko. Trudy VNII no 24.64-78 '[illegible]

Vsesoiuznoe ob"edinenie knizhnoi torgovli [Catalog of books on petroleum and gas to be published in 19[illegible]] Prospekt knig po nefti i gazu izdavaemykh v 1959 g. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

No. 1. [Drilling wells and producing oil and gas] Burenie skvazhin i dobycha nefti i gaza 1959. 24 p.

No. 2. [Chemistry, refining, transporting, and storing oil and gas] Khimiia, pererabotka, transport i khranenie nefti i gaza. [illegible] 1959. 40 p.

OIL FIELDS—TECHNOLOGICAL INNOVATIONS see subdivision under Polazna

OIL HYDRAULIC MACHINERY

Increasing the operating stability of hydraulic [illegible] S. L. Anan'ev, F. N. Avdeev, A. M. [illegible] Izv. vys. ucheb. zav., mashinostr. no. 6:115-120 '5[illegible]

OIL INDUSTRIES

(see also subdivision under Moldavia, Poltava)

Galushkina, N. A., and I. D. Sazonova. [Specific[illegible] work standards in the oils and fats industry] Tekhnicheskoe normirovanie truda v maslozhirovoi promyshlennosti. Moskva, Pishchepromizdat, 1960. 123 p. ([illegible]nomika i organizatsiia pishchevoi promyshle[illegible]

Sergeev, A. G., and V. P. Rzhekhin, eds. [Technochemical control and production accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaiushchei i zhiropererabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat.

Vol. 2. [Special methods in the analysis of raw material and semiprocessed and finished products] Spetsial'nye metody analiza syr'ia, polufabrikatov i gotovoi produktsii. 1959 495 p.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES see subdivision under Saratov

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES—CONGRESSES

For a complete mechanization and automatization. P. F. Luchin. Masl.-zhir. prom. 26 no. 2·3-7 F '60.

OIL INDUSTRIES—FIRES AND FIRE PREVENTION see subdivision under Moscow

OIL OF ROSES see Attar of roses

OIL RESERVOIR ENGINEERING

(see also subdivision under Azerbaijan)

Calculation of oil recovery based on field data. I. F. [illegible]niakov. Trudy VNII no. 24:157-172 '59.

Capillary water capacity of an oil-saturated water-permeable stratum. V. M. Ryzhik. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 2:149-151 Mr-Ap '60.

Determining parameters of an oil stratum according to pressure charts. M. I. Shvidler. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2:152 Mr-Ap '60.

Determining the bottom pressure of flowing wells. S. G. Movsum-zade and others. Azerb. neft. khoz. 38 no. 10 20-23 O '59.

Developing a theory on fluid flow in nonuniform porous media. A. M. Pirverdian, P. I. Nikitin, N. A. G[illegible] Izv. vys. ucheb. zav.; neft' i gaz 2 no. 12 63 66 '5[illegible]

OIL RESERVOIR ENGINEERING (Continued)

Device for making time-gas pressure indicator diagrams. N.D.Kadirov, T.A.Iskenderov. Azerb.neft.khoz. 38 no.10:42-44 O '59.

Displacement of the water-oil contact in water-drive reservoirs of the platform type and the industrial evaluation of oil recovery. S.A.Sultanov. Trudy VNII no.24:120-140 '60.

Experimental studies of the effect of well perforations on the inflow in linear fluid flow. G.G.Polishin. Izv.vys.ucheb.zav.; neft' i gaz 3 no.11:49-54 '60.

Factors controlling the flowing of wells. N.A.Gusakov, A.P.Kuzimov, A.M.Pirverdian. Azerb.neft.khoz. 38 no.11:31-34 N '59.

Field determination of the yield of wells operating under bottom hole pressure below the bubble point pressure. I.M.Murav'ev, G.A.Khalilov. Izv.vys.ucheb.zav.; neft' i gaz 2 no.12:59-61 '59.

Flow toward a series of imperfect wells. I.N.Kochina. Trudy MNI no.20:47-53 '57.

Flow toward slotted lines. I.N.Kochina. Trudy MNI no.20:54-60 '57.

Fluid flow in two layers considering local contacts between them. M.A.Gusein-Zade. Trudy MNI no.20:[illegible] '57.

Oil recovery from a lithologically nonhomogeneous producing horizon. M.M.Ivanova. Trudy VNII no.24:171-185 '60.

Oil recovery from reservoir rocks. A.A.Abdullaeva, N.D.Taliev. Azerb.neft.khoz. 38 no.11:19-21 N '59.

OIL SHALES

Investigating the fungicide properties of shale tars. G.P. Shaltyko, I.I.Pahedinskaia. Zhur.prikl.khim. 33 no.1:212-219 Ja '60.

OIL WELL CEMENTING

Importance of the mechanical strength of cement for oil well cementing. A.I.Bulatov. Izv.vys.ucheb.zav.; neft' i gaz 3 no.1:131-134 '60.

OIL WELL DRILLING

(see also subdivision under Bashkiria; Tatar A.S.S.R.)

Brantly, John Edward. [Rotary drilling handbook. Translated from the English] Spravochnik po vrashchatel'nomu bureniiu. Izd.5. Pod red. B.B.Filatova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1957. 405 p.
(DI)

Calculating the efficient profile of deep directional wells. N.B.Babaev. Izv.vys.ucheb.zav.; neft' i gaz 2 no.12:35-42 '59.

Effect of drilling fluids on caving. N.K.Arkhangel'skii. Azerb.neft.khoz. 38 no.10:16-18 O '59.

Effect of the amount of drilling fluids on the mechanical drilling speed [in Azerbaijani with summary in Russian]. S.M.Kuliev, D.S.Kasumzade, M.A.Abdinov. Azerb. neft.khoz. 38 no.10:10-11 O '59.

Improvement of the wage system in drilling departments is an urgent problem. E.N.Alekhanov, V.P.Kaulman. Azerb.neft.khoz. 38 no.11:45-46 N '59.

Relationship between basic parameters of drilling practices. B.I.Fel'man, T.V.Kirlla. Azerb.neft.khoz. 38 no.10:15-16 O '59.

Ter-Grigor'ian, A.L., ed. [Driller's handbook] Spravochnik burovogo mastera. Izd.2., ispr. i dop. Baku, Azerbaidzhanskoe gos. izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 183 p.

These books will be published by Azerneftneshr at the beginning of December 1959. Azerb.neft.khoz. 38 no.10:48 O '59.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Drilling equipment and drilling tools at the exhibition in Tulsa (United States). N.F.Timofeev, M.T.Gusman. Neft.khoz. 37 no.12:56-60 D '59.

OIL WELL DRILLING, SUBMARINE—COSTS

Reducing the cost of drilling offshore development wells. I.S.Gurik. Azerb.neft.khoz. 38 no.10:45-46 O '59.

OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

Bracing derricks on offshore structures without using tightening cables. B.A.Kostin, V.S.Murav'ev, S.G. Dadashev. Azerb.neft.khoz. 38 no.10:44 O '59.

OIL WELL DRILLING, SUBMARINE—TECHNOLOGICAL INNOVATIONS

Mechanizing the installation of offshore platforms for oil production. T.Kh.Abramian, R.N.Iskandarov. Mekh.i avtom.proizv. 14 no.2:50-51 F '60.

OIL WELL DRILLING FLUIDS

Change in the quality of clay muds in drilling sulfate- and salt-bearing sediments. R.N.IAtrov and others. Neft.khoz. 37 no.12:7-12 D '59.

Effect of the amount of drilling fluids on the mechanical drilling speed [in Azerbaijani with summary in Russian] S.M.Kuliev, D.S.Kasumzade, M.A.Abdinov. Azerb. neft.khoz. 38 no.10:10-11 O '59.

Effect of the quality and quantity of flushing fluids on friction loss in turbodrill bearing discs [in Azerbaijani with summary in Russian]. S.M.Kuliev, IU.V.Sadykhov. Azerb.neft.khoz. 38 no.11:15-17 N '59.

Method for determining the η plast. and τ_0 of drilling fluids in a rotary viscosimeter. K.I.Zhigach, N.M. Kas'ianov. Izv.vys.ucheb.zav.; neft' i gaz 2 no.12:99-104 '59.

Obtaining sodium chloroacetate for the production of carboxymethyl ethers of cellulose. M.Z.Finkel'shtein and others. Izv.vys.ucheb.zav.; neft' i gaz 2 no.12:13-17 '59.

Physicochemical principles for preparing anhydrous solutions. K.F.Zhigach, I.K.Mukhin, V.N.Demishev. Trudy MNI no.20:151-164 '57.

OIL WELL DRILLING RIGS

Shinchishin, E.F. [Work organization for the erection of drilling rigs and supporting structures, practices of drillers in the Turkmen S.S.R.] Organizatsiia truda pri stroitel'stve burovykh, opyt burovikov Turkmenskoi SSR. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 41 p.

Using light alloys for reducing the weight of drilling rigs. E.S.Karatunov, B.F.Shibriaev. Neft.khoz. 37 no.12:1-5 D '59.

OIL WELL LOGGING, RADIATION

(see also subdivision under Apsheron Peninsula)

Radiometry of wells in oil field development. S.A.Sultanov. Trudy MNI no.20:61-67 '57.

OIL WELL PUMPS

Better use of deep well pumps. G.S.Guseinov. Azerb. neft.khoz. 38 no.11:34-35 N '59.

Hydraulics of deep well piston pumps. Kh.G.Davletshin. Trudy MNI no.20:[illegible] '57.

OIL WELLS

System for automatic telemetering of the output of an oil well. A.A.Abdullaev, I.A.Rabiev. Avtom.i telem. 21 no.2:266-270 F '60.

OIL WELLS—EQUIPMENT AND SUPPLIES see subdivision under Bashkiria

OIL WELLS—HYDRAULIC FRACTURING

Fluid flow toward a horizontal fracture. I.A.Nasrullaev. Azerb.neft.khoz. 38 no.10:19-20 O '59.

New phase of the hydraulic fracturing involving lime injection. V.A.Sidorovskii. Neft.khoz. 37 no.12:21-24 D '59.

Using nomographs for calculating the incremental oil production in hydraulic fracturing of strata. F.I. Dentaev, A.S.Melikbekov. Azerb.neft.khoz. 38 no.11:28-31 N '59.

OILS AND FATS

Apparatus for removing fat from barrels. I.V.Zhizhemskii, V.M.[illegible]. Kons.i ov.prom. 15 no.2:10 F '60.

Changes of physicochemical constants during the deacidification and hydrogenation of [illegible] oil. T.A.Khorin. Izv.vys.ucheb.zav.; pishch.tekh. no.6:75-79 '59.

Dilatometric properties of certain fats proposed as substitutes for cacao butter. I.G.Resnikov. Khleb.i kond. prom. 4 no.2:1-7 F '60.

Effect of production processes on the tocopherol content of vegetable oils. N.I.Kozin, M.G.Kontorovich. Izv. vys.ucheb.zav.; pishch.tekh. no.6:68-71 '59.

Polymorphic transformations of milk fat. G.V.Tverdokhleb. Izv.vys.ucheb.zav.; pishch.tekh. no.6:35-40 '59.

OILS AND FATS—ANALYSIS

Sergeev, A.G., and V.P.Rzhekhin, eds. [Technochemical control and production accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslobyvaiushchei i zhiropererabatyvaiushchei promyshlennosti. Moskva, Pishchepromizdat.

Vol.2. [Special methods in the analysis of raw material and semiprocessed and finished products] Spetsial'nye metody analiza syr'ia, polufabrikatov i gotovoi produktsii. 1960. 495 p.

OILS AND FATS—BIBLIOGRAPHY see Bibliography—Oils and fats

OILS AND FATS—STORAGE

Storing liquid fats in an atmosphere of carbon dioxide. N.I.Kozin, F.N.Sitnikova. Izv.vys.ucheb.zav.; pishch. tekh. no.6:20-24 '59.

OILS AND FATS, EDIBLE

Hygienic evaluation of alimentary fats containing phenol antioxidants [with summary in English]. I.A.Karpliuk. Vop.pit. 19 no.1:67-72 Ja-F '60.

Long-lasting butter or "bread of tomorrow." I.Simonov. Znan.-sila 35 no.2:33 F '60.

Polarographic determination of nickel in margarine and cooking fats [with summary in English]. N.IA.Khlopin, K.P.Privalova. Vop.pit. 19 no.1:74-75 Ja-F '60.

Thermal treatment of oil-containing kernels by means of radiation. A.I.Sokolovskii and others. Khleb.i kond. prom. 3 no.12:7-10 D '59.

OILS AND FATS, EDIBLE—ANALYSIS

Experience in using dilatometry for evaluating the quality of edible hydrogenated fats and fat ingredients of margarine. Report No.1. L.A.Grauerman, L.G.Karantsevich, T.S.Ul'ianova. Masl.-zhir.prom. 26 no.2:10-22 F '60.

OISTRAKH, DAVID FEDOROVICH, 1908-

Shostakovich writes about Oistrakh. Dmitrii Shostakovich. Sov.Soiuz no.9:21-25 '57.

OKHOTSK, SEA OF—EUPHAUSIIDAE

Euphausiida in the Sea of Okhotsk and the Bering Sea. L.A.Ponomareva. Trudy Inst.okean. 30:115-147 '59.

OKHOTSK, SEA OF—PHYTOPLANKTON

Phytoplankton in the Sea of Okhotsk and the Kurile Island region. L.N.Smirnova. Trudy Inst.okean. 30:3-51 '59.

OKHOTSK, SEA OF—ZOOPLANKTON

Composition and distribution of zooplankton in the Sea of Okhotsk. P.A.Lubny-Gertsyk. Trudy Inst.okean. 30: 68-99 '59.

OLBIA (BORYSTHENES)—COINS, GREEK

Coins with the inscription EMINAKO. P.O.Karyshkovskii. Sov.arkheol. 4 no.1:170-198 '60.

OLBIA (BORYSTHENES)—TOMBS

Archaeological excavations of the Olbian necropolis in 1950. A.I.Furmanskaia. Krat.soob.Inst.arkh. AN URSR no.8:131-138 '59.

OLD AGE HOMES see subdivision under Izmaylovo; Moscow region

OLD-AGE PENSIONS

In the supreme courts of the Union Republics. Biul. Verkh.Suda no.1:40-41 '60.

New laws and regulations enacted by the ministries and government agencies of the U.S.S.R. and the Union Republics. Sots.zakon. 37 no.3:79-81 Mr '60.

OLD CATHOLIC CHURCH

Life of the Old Catholic Church. P.Sh.Zlomatsov. Zhur. Mosk.Patr. no.4:70-74 Ap '60.

OLEFINS

Boron fluoride as a catalyst in organic chemistry. Part 18: Alkylation of naphthalene by olefins from by-products of the synthetic rubber industry. S.V.Zavgorodnii. Trudy VGU 57:127-131 '59.

Optical study of the geometrical and rotational isomerism of certain dienes. M.I.Batuev and others. Dokl.AN SSSR 132 no.3:581-584 My '60.

OLEFINS—THERMAL PROPERTIES

Some approximate formulas for determining the heats of combustion and formation of gaseous alkadienes. P.G.Maslov, IU.P.Maslov. Zhur.prikl.khim. 33 no.1:134-140 Ja '60.

OLEOMARGARINE

Experience in using dilatometry for evaluating the quality of edible hydrogenated fats and fat ingredients of margarine. Report No.1. L.A.Grauerman, L.G.Karantsevich, T.S.Ul'ianova. Masl.-zhir.prom. 26 no.2:10-22 F '60.

Improving the structure and taste of margarine. N.Kozin, V.Varibrus. Sov.torg. 33 no.2:51-53 F '60.

OLESKO DISTRICT—COMMUNITY CENTERS

An architect from the village of Yasenov. Mykhailo Ialyshev. Ukraina no.4:13 F '60.

OLFACTORY NERVE

Correlative histogenesis of certain links in the olfactory reflex arc in the rabbit. E.I.Kalinina. Trudy Inst. fiziol. 8:568-574 '59.

OLKHOCHALTA see subdivision under Caucasus, Northern; Rybinsk Reservoir

OL'MINSKII, MIKHAIL STEPANOVICH, 1863-1933

M.S.Ol'minskii's unpublished letters about Saltykov-Shchedrin. Kh.Adibaev. Vop.lit. no.2:167-172 F '60.

OLONETS ISTHMUS—DRAINAGE

Using subsurface drainage in the Olonets Plain of the Karelian A.S.S.R. I.M.Nesterenko, V.A.Rozin. Trudy Kar.fil. AN SSSR no.21:52-60 '59.

OLYMPIC GAMES

Before the Olympic games. Leg.atl. no.12:2-3 D '59.

Preparation in foreign countries for the 17th Olympic Games. G.M.Morozov. Teor.i prak.fiz.kul't. 23 no.1:52-58 '60.

They met the Olympic standards. Leg.atl. no.12:23 D '59.

OLYMPIC GAMES (WINTER)

(see also subdivision under Melbourne; Squaw Valley, Calif.)

Ice skating competition at the winter Olympics. V.S. Kapitonov. Teor.i prak.fiz.kul't. 23 no.1:29-36 '60.

The prologue is over ... V.Viktorov. Ogonek 38 no.7 26-27 F '60.

Skiing at the winter Olympic games. M.A.Agranovskii. Teor.i prak.fiz.kul't. 23 no.1:26-29 '60.

OMAR KHAYYAM

Aliev, R. M., and M. N. Osmanov. [Omar Khayyam] Omar Khaiiam. Moskva, Izd-vo Akademii nauk SSSR, 195[illegible] [illegible] p. (Akademiia nauk SSSR. Nauchno-populiarnaia seriia)
(CU)

OMENS

[illegible]

OMSK—BAKERS AND BAKERIES

Preparation of wheat dough from [illegible] flour [illegible]

OMSK—EVENING AND CONTINUATION SCHOOLS

[illegible]

OMSK—LABOR AND LABORING CLASSES—DWELLINGS

[illegible]

[illegible]

OPEN AIR THEATERS see also [illegible]

OPEN AND [illegible]

[illegible]

ORE DEPOSITS

(see also subdivision under Altai Mountains, Kara Mazar Mountains; Kazakhstan, Kyzyl [illegible] region, Kazakhstan, Noril'sk region, Soviet Far East, [illegible] region, Gornaya Shoriya, Transbaikalia)

Krasnikov, V. I. [Efficient method of prospecting for ore deposits] O merakh ratsional'noi metodiki poiskov rudnykh mestorozhdenii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 110 p.

Using electric logging method in prospecting for contact zones. V. N. Ponomarev. Razved. i okh. nedr 25 no. 11:56-57 D '59.

ORE DRESSING

(see also subdivision under Bulgaria; Czechoslovakia; Tyrny Auz)

Farov, L. I. [Equipment and methods of ore sizing] Oborudovanie i metody ee [illegible]. Moskva, Izd-vo Akad. nauk SSSR, 1960. 134 p.

Behavior of accessory minerals on the concentration table. A. G. [illegible]. Izv. [illegible] AN [illegible] no. [illegible]

Polychev, V. V. [Crushing machine operator] Mashinist drobilki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 303 p.

Investigating the kinetics of the [illegible] process. I. M. Verkhovskii, N. N. Vinogradov, O. M. Avdilov. Izv. vys. ucheb. zav.; tsvet. met. no. 6:111-118 '59

Investigating the [illegible] of "[illegible]" [illegible] from ores. M. I. [illegible] M. S. [illegible] [illegible] AN [illegible] '59

New techniques in the preparation of [illegible] for smelting. V. I. [illegible] Metallurg [illegible] '60

ORE DRESSING—CONGRESSES

Conference on labor protection in [illegible] plants. N. A. [illegible] Metallurg [illegible] '60.

Interprovincial Conference of the Dressing and Metallurgical Plants on new industrial processes and [illegible] methods. O. [illegible] [illegible] '60

ORE DRESSING—EQUIPMENT AND SUPPLIES

Experimental investigation of certain problems of the dynamics of a jigging machine bed. V. I. [illegible] ucheb. zav.; tsvet. met. no. 6:125-131 '59

Improving the efficiency of equipment in ore dressing plants. V. [illegible] [illegible] '60.

Method of evaluating the efficiency of sizing equipment. I. I. [illegible] [illegible] Ja '60

Ore dressing on a shaking trough. [illegible] [illegible] no. [illegible] Ja '60.

ORE HANDLING

Investigating ore loading and car change in drift mining. P. V. Akimushkin, V. [illegible] Izv. vys. ucheb. zav.; gor. zhur. no. 5:18-24 '59

Selecting the most satisfactory size of lump material for hydraulic transportation. V. A. [illegible] Izv. vys. ucheb. zav.; gor. zhur. no. 10:98-104 '59.

OREKHOVO-ZUYEVO DISTRICT—ELECTRIFICATION

[illegible]

OREL DISTRICT—BALLAST (RAILROADS)

Ballast resistance to track displacement. [illegible] Put' i put. khoz. 4 no. 1:21-24 Ja '60

OREL DISTRICT—RAILROADS

Brigade chief Anastasiia Alekseevna [illegible]. I. I. Zhukov. Put' i put. khoz. 4 no. 1:20 Ja '60.

Efficiency promoters share their practices with the brigades of communist labor. A. P. [illegible] Put' i put. khoz. 4 no. 1:14-16 Ja '60.

In a section of communist labor. S. G. [illegible] Put' i put. khoz. 4 no. 1:8-9 Ja '60

Initiative of progressive workers. Put' i put. khoz. 4 no. 1:4 Ja '60.

Railroad division striving for an honorable title. A. I. Bezyadin, M. P. Vasilin. Put' i put. khoz. 4 no. 1:5-7 Ja '60.

We are striving to save materials. I. P. [illegible] Put' i put. khoz. 4 no. 1:18-19 Ja '60

OREL DISTRICT—RAILROADS—ACCOUNTING

Economic accountability is the basis of the district's economy. P. D. Kropps. Put' i put. khoz. 4 no. 1:12-13 Ja '60

OREL DISTRICT—RAILROADS—EMPLOYEES

Good living conditions for railroad workers. A. A. A[illegible]rov. Put' i put. khoz. 4 no. 1:22 Ja '60.

OREL DISTRICT—RAILROADS—MAINTENANCE AND REPAIR

Neat track and waysides. S. I. Krlov. Put' i put. khoz. 4 no. 1:10-12 Ja '60.

OREL DISTRICT—RAILROADS—TRACK

Perfect track maintenance by a crew. I. V. Plakh[illegible]. Put' i put. khoz. 4 no. 1:17-18 Ja '60.

OREL PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Propaganda group of a province party committee. A. [illegible] Agitator no. 1:[illegible] '60.

OREL PROVINCE—DAY NURSERIES

Third conference of workers of collective farm day nurseries. [illegible] Doshk. vosp. 33 no. 3:85 Mr '60.

OREL PROVINCE—ECONOMIC POLICY

Il'chenko, N. V. [The seven-year plan of Orel Province] Semiletka Orlovskoi oblasti. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 120 p.

OREL PROVINCE—LOCAL GOVERNMENT

In the [illegible] and the Council of Ministers of the Union Republics [illegible] no. 1:101-10[illegible] '60

ORENBURG PROVINCE—LAKES

Composition of the principal ions in the waters of lakes and rivers in the [illegible] districts of the Orenburg Province during the summer and fall of 1956. N. V. Verzhbovskii, N. V. Matveev. [illegible] '59

ORENBURG PROVINCE—PONDS

Composition of the principal ions in the waters of ponds in the [illegible] districts of the Orenburg Province during the summer and fall of 1956. N. V. Verzhbovskii, N. V. Matveev. [illegible] '59

ORENBURG PROVINCE—RIVERS

Composition of the principal ions in the waters of lakes and rivers in the [illegible] districts of the Orenburg Province during the summer and fall of 1956. N. V. Verzhbovskii, N. V. Matveev. [illegible]

ORES—SAMPLING AND ESTIMATION

[illegible]

Using the mathematical statistics method for the analysis of qualitative [illegible] in iron ores. P. I. Ratskii. Izv. vys. ucheb. zav.; gor. zhur. no. 5:[illegible] '59

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS

[illegible] V. [illegible] A. P. [illegible]

[illegible]

[illegible]

ORGANOMETALLIC COMPOUNDS

[illegible]

[illegible]

ORIENTAL LITERATURE—BIBLIOGRAPHY see [illegible] Oriental literature

ORIENTAL STUDIES—CONGRESSES

[illegible] Vest. [illegible] Mr [illegible]

ORIENTATION

(see also subdivision under Antarctic regions)

[illegible] orientation [illegible] dogs following [illegible] apparatus and extirpation [illegible] cortex. V. A. [illegible]

[illegible]

ORIGIN OF SPECIES

Role of spatial isolation in species formation. [illegible] Priroda [illegible] no. [illegible] N-D '59.

ORIONS

[illegible]

ORLOV, ALEKSANDR PETROVICH, 1840-1889

[illegible] Vop. ist. est. [illegible]

ORLOV—PHYSICAL LABORATORIES

Scientific laboratory at a pedagogical institute. I. V. Popov. Vest. vys. shkoly 18 no. 6:61-65 Je '60.

ORLOVSKII, NIKOLAI VASIL'EVICH, 1899-

Nikolai Vasil'evich Orlovskii, on his 60th birthday and the 35th anniversary of his agricultural, scientific and social activities. Pochvovedenie no. 1:151-152 Ja '60.

ORPHANS AND ORPHANAGES

(see also subdivision under Bykovo; Moscow Province, Pukhovichi District, Zabtsovo)

Aesthetical education in an orphanage. O. A. Apraksina. Det. dom 15 no. 4:47-56 '59

Development of technical abilities in orphanage students. A. S. Shustov. Det. dom 15 no. 4:38-46 '59.

From students about their teachers. P. I. Chernikova, P. O. Zaradi. Det. dom 15 no. 4:61-68 '59.

More attention to work education. Det. dom 15 no. 4:3-[illegible] '59.

Students master the "Ranks of Young Pioneers." L. A. Shestnea. Det. dom 15 no. 4:27-30 '59.

ORSHA DISTRICT—AGRICULTURE

Rural Communists are in the forefront. V. Dolgov. Kommunist Bel. 14 no. 1:50-53 Ja '60

ORTHODOX EASTERN CHURCH

Celebration at the Russian Church Mission in Jerusalem. Archimandrite Avgustin. Zhur. Mosk. Patr. no. 4:37-39 Ap '60.

Easter message from His Holiness Patriarch Aleksii to the clergy and all the faithful of the Russian Orthodox Church. Zhur. Mosk. Patr. no. 4:7-9 Ap '60.

Famine in Russia in 1601-1603 and the Church. V. I. Koretskii. Vop. ist. rel. i ateiz. no. 7:[illegible]-250 '59

Message from His Holiness Patriarch Aleksii to prelates, priests, and all the faithful of the Exarchate of the Moscow Patriarchate in North and South America. Zhur. Mosk. Patr. no. 4:12-13 Ap '60.

[illegible] during the first century of the Tatar yoke. I. U. Budovnits. Vop. ist. rel. i ateiz. no. 7:[illegible]-302 '59

ORTHODOX EASTERN CHURCH—CLERGY

Anniversaries. Zhur. Mosk. Patr. no. 4:21 Ap '60.

Archpriest Nikolai Ukhtomskii; obituary. Zhur. Mosk. Patr. no. 4:[illegible] Ap '60.

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 4:11 Ap '60.

Departure of the Exarch of the Moscow Patriarchate for the United States. Zhur. Mosk. Patr. no. 4:13 Ap '60.

Half a century of work for Christ; on the occasion of the 50th anniversary of the priesthood of Archpriest Pavel Lepekhin. N. Rodkovskii. Zhur. Mosk. Patr. no. 4:31-33 Ap '60.

In memory of composer and priest V. N. Zinov'ev. P. Shatov. Zhur. Mosk. Patr. no. 4:21-23 Ap '60.

Obituaries. Zhur. Mosk. Patr. no. 4:25-26 Ap '60.

ORTHODOX EASTERN CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

Serbian edition of the "Synodikon." V. A. Moshin. Viz. vrem. 16:317-[illegible] '59.

ORTHODOX EASTERN CHURCH—PERIODICALS see subdivision under [illegible]

ORTHODOX EASTERN CHURCH—PRAYER-BOOKS AND DEVOTIONS

Review of "Clerical service book." P. [illegible]. Zhur. Mosk. Patr. no. 4:75-76 Ap '60.

ORTHODOX EASTERN CHURCH—RELATIONS

Attendance of Metropolitan Nikolai at a diplomatic reception. Zhur. Mosk. Patr. no. 4:12 Ap '60.

Easter messages from His Holiness Patriarch Aleksii to the Heads of the Autocephalous Orthodox Churches and to the Heads of some Christian Churches of other confessions. Zhur. Mosk. Patr. no. 4:9-10 Ap '60.

Foreign visitors to the Moscow Patriarchate. Zhur. Mosk. Patr. no. 4:11 Ap '60.

Greetings from German, Patriarch of Serbia, and Iustinian, Patriarch of Rumania, to His Holiness Patriarch Aleksii on the occasion of his name day. Zhur. Mosk. Patr. no. 4:10 Ap '60.

House dedicated to Saint Grigorii Nisskii in Oxford in the site of the Anglo-Orthodox Concord. Zhur. Mosk. Patr. no. 4:68-70 Ap '60.

Telegram from Metropolitan Nikolai to Benedictus I, Patriarch of Jerusalem, on the occasion of his name day. Zhur. Mosk. Patr. no. 4:10 Ap '60.

ORTHODOX EASTERN CHURCH, GEORGIAN

Holiday of the Georgian Church. Archimandrite Nikodim. Zhur. Mosk. Patr. no. 4:61-65 Ap '60.

ORTHOGRAPHIC PROJECTION

Kuznokhin, V. V., and N. A. Tselinskii. [Incomplete images in orthogonal projections, textbook for teachers] Nepolnye izobrazheniia v ortogonal'nykh proektsiiakh; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 63 p. (Posobie dlia uchitelei)

ORTHOPEDIA

"Orthopedic surgery and traumatology" by D. Boichev, D. Kondurov, K. Chilingirov. Reviewed by V. D. Chaklin. Ortop., travm. i protez. 20 no. 12:59-60 D '59.

ORTHOPEDIA—BIBLIOGRAPHY see Bibliography—Orthopedia

ORTHOPEDIC APPARATUS

Apparatus for repositioning fractures of bones of the forearm. N. G. Vvedenskii. Ortop., travm. i protez. 20 no. 12 43-44 D '59.

Portable apparatus for repositioning fractures of both bones of the forearm. F. F. Safin. Ortop., travm. i protez. 20 no. 12:42-43 D '59.

ORTHOPEDIC SOCIETIES

Report on proceedings of societies of traumatologists and orthopedists. Ortop., travm. i protez. 20 no. 12: 68-73 D '59.

ORTHOPEDICS

Organization of orthopedic and traumatological aid for children in the R. S. F. S. R. M. N. Goncharova. Ortop., travm. i protez. 20 no. 12:33-39 D '59

ORTHOPTERA see subdivision under Kara-Tau; Kwangtung Province

ORTO-TOKOY RESERVOIR

Two legends. Vl. Iliesh. Sov. Soiuz no. 3 44-47 '60.

OSCILLATIONS

Classical book on the theory of nonlinear oscillations ("Theory of oscillations" by A. A. Andronov, A. A. Vitt, S. E. Khaikin). Reviewed by M. A. Aizerman. Usp. fiz. nauk 71 no. 1 167-170 My '60

Coincidence in results of the classical and quantum theory of the interaction of light with a harmonic oscillator. V. P. Gribkovskii, B. I. Stepanov. Izv. AN SSSR. Ser. fiz 24 no. 5:529-533 My '60.

Effect of f m and a m oscillations on linear systems I T Turbovich Radiotekhnika 15 no 1 30-34 Ja '60

General-purpose automatic recorder of oscillations and damped oscillations O G Morozov Zav lab 26 no 2:248-249 '60

Hayashi, Chihiro. [Forced oscillations in nonlinear systems. Translated from the English] Vynuzhdennye kolebaniia v nelineinykh sistemakh. Pod red. A. I. Lur'e. Moskva, Izd-vo inostr. lit-ry, 1957. 204 p. (RPB)

Torsion dynamometer with electromagnetic excitation of oscillations. A S Bol'shikh Zav lab 26 no 2 246-248 '60

OSCILLATIONS—BIBLIOGRAPHY see Bibliography—Oscillations

OSCILLATORS, CRYSTAL

New piezoquartz transmitter. V. S. Zolotarevskii. Avt. prom. no. 2,32-33 F '60.

OSCILLATORS, ELECTRIC

Analysis of the triggering of stopped relaxation oscillators. V V. Grigorin-Riabov Radiotekhnika 15 no. 2 58-66 F '60

Conductance of a two-terminal network in the circuit of a cathode-coupled oscillator. I. A. Suslov. Izv. TPI no. 86 41-73 '58

Driver for five frequency bands. IU. Prozorovskii. Radio no. 1:18-20 Ja '60

Electromagnetic peaking generator for net control of ionic devices. O A Maevskii, V. P. Bondarenko. Izv. vys ucheb. zav ; elektro-mekh 2 no. 12:118-126 '59

Excitation of oscillations in elastic systems by electromagnetic oscillators. L. G. Etkin. Priborostroenie no. 2 11-13 F '60.

GMI-23 millimicrosecond pulse generator. V. S. Chilikin. Elektrosviaz' 14 no 1:40-44 Ja '60.

Generator of random processes with a given matrix of spectral densities [with summary in English]. I. Maty-[illegible] IA Shilkhanek. Avtom. i telem. 21 no. 1 29-35 Ja

athode-coupled nonlinear oscillator. I. A. I no. 86,74-101 '58

ommutator generator. I S. Rogachev. zav. ; elektro-mekh. 2 no 12:88-95

enerating self-oscillator. F. I. Peregudov. :144-149 '58.

ecules in molecular generators [with glish]. N. G. Basov, A. N. Oraevskii. or. fiz. 37 no. 4:1068-1071 O '59.

RANSISTOR

ies of a junction transistor oscillator. . Izv. vys. ucheb. zav. ; radiofiz. 2 59.

agnetoelectric oscillographs. E. S. riborostroenie no. 2:24-29 F '60.

ms with the use of voltage dividers H-circuit A. M. Ryvkin. Elektrichestvo '60.

Y

ssing oscillograms and obtaining data ves of the distribution of investigated ' A. Chudutov. Trudy NPI 46 90-95 '58.

OSHMYANY DISTRICT—DAIRYING

For 6,000 kilograms of milk per cow. Galina Voiniush. Blok. agit. [Bel.] no. 1:28-32 Ja '60.

OSKOL—BRONZE AGE

Archaeological excavations of a Bondarikha culture settlement at the Oskol village V A Il'inskaia Krat soob Inst. arkheol. AN URSR no 8 80-84 '59

OSKOL VALLEY—BRONZE AGE

Settlement of "the wooden log" culture on the Oskol River. S S Berezanskaia Krat. soob Inst. arkheol AN URSR no 8 85-89 '59

OSKOL VALLEY—EXCAVATIONS (ARCHAEOLOGY)

The Oskol expedition of 1955-1956 D IA Telegin Krat soob Inst arkheol AN URSR no 8 72-79 '59.

OSSETIA—ALPINE FLORA

Studying the typology and dynamics of the alpine vegetation of Southern Ossetia. R M. Mikeladze. Soob. AN Gruz. SSR 23 no 4:457-464 O '59

OSSETIA—ECONOMIC CONDITIONS

Akademiia nauk Gruzinskoi SSR, Tiflis. Iugo-Osetinskii nauchno-issledovatel'skii institut, Stalinir. [National economy of the South Ossetian Autonomous Province] Narodnoe khoziaistvo IUgo-Osetinskoi avtonomnoi oblasti. Stalinir, Gosizdat IUgo-Osetii, 1959. 35 p. [MICROFILM]

OSSETIA—PASTURES AND MEADOWS

Seed reproduction of some dominant species in the Alpine meadows of southern Ossetia. E E. Gogina. Bot. zhur 45 no 1 131-139 Ja '60

OSSETIA—PUBLIC HEALTH

Review of the book "Public health and medicine in Northern Ossetia," no. 7, part 1, 1958. P. I. Chistiakov. Vest. oft. 72 no. 6:56 N-D '59.

OSSETIC LANGUAGE—CONJUNCTIONS

Conjunctions of similar sentence parts in the Ossetic language. N. Kh. Kulaev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 4 9-35 '59.

OSSETIC LANGUAGE—DIALECTS

Concerning children's speech, in the Digorish dialect of the Ossetic language. M. I Isaev. Izv. Sev.-Oset. nauch-issl. inst 21 no. 4:101-107 '59.

Mixed Digorish-Ironish dialect in Uallagkom. M. I. Isaev. Izv. Sev.-Oset. nauch-issl inst. 21 no. 4 85-100 '59.

Some characteristics of Ortek speech. A. Dz. TSagaeva. Izv Sev.-Oset. nauch-issl. inst. 21 no. 1 69-83 '59.

OSSETIC LANGUAGE—DICTIONARIES

Outstanding event in the study of the Ossetic language ("Historical etymological dictionary of the Ossetic language" by V. I. Abaev. Reviewed by M. I Isaev). Izv. Sev.-Oset. nauch.-issl. inst. 21 no 4:109-110 '59.

OSSETIC LANGUAGE—ETYMOLOGY

Concerning the work of Emil' Benvenist "Essays on the phonetics and etymology of the Ossetic language." K. E. Gagkaev. Izv Sev.-Oset. nauch.-issl. inst. 21 no. 4,111-118 '59

OSSETIC LANGUAGE—GRAMMAR

Abaev, V. I. [Grammatical outline of the Ossetic language] Grammaticheskii ocherk osetinskogo iazyka. Ordzhonikidze, Severo-osetinskoe knizhnoe izd-vo, 1959. 167 p.

OSSETIC LANGUAGE—PHONETICS

Concerning the work of Emil' Benvenist "Essays on the phonetics and etymology of the Ossetic language." K. E. Gagkaev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 4:111-118 '59.

OSSETIC LANGUAGE—VOICE

Concerning the category of voice in the Ossetic language. T. Z. Kozyreva. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 4,37-44 '59.

OSSETIC LANGUAGE—WORD FORMATION

The work building function of verb prefixes. M. A. Gurieva. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 4,45-67 '59.

OSSETIC TALES see Tales, Ossetic

OSSIFICATION

Formation of true bone in a nodular goiter. V. D. Troitskaia. Probl endok i gorm. 5 no. 5:119-121 S-O '59.

OSTANKINO—HISTORIC HOUSES, ETC.

Historical treasure of Moscow. M. Fokin. Ogonek 38 no 7 24 F '60

OSTASHKOV DISTRICT—HOSPITALS

First results of the work of the Ostashkov Interprovince Hospital. M. E. Kravchenko. Zdrav. Ros. Feder. 4 no. 3:14-15 Mr '60.

OSTEITIS FIBROSA

Hyperparathyroidism and Recklinghausen's disease [with summary in English]. V. R. Braitsev. Vest. khir. 83 no. 12:15-24 D '59.

OSTEOPLASTY see Bone grafting

OSTEOPOROSIS

Case of generalized osteoporosis in thyrotoxic (Basedow's) goiter. IA. I. Kots. Probl. endok. i gorm. 5 no. 5: 109-110 S-O '59.

OSTEOPSATHYROSIS

Incomplete osteogenesis. A. M. Sosina, [illegible] Zdrav. Belor 6 no 3:59-60 Mr '60

OTRADNYY (KUYBYSHEV PROVINCE)—CULTURE

Culture of a young city is growing. M. Grachev. Kul't.-pros. rab. 21 no 1:22-23 Ja '60

OSTROG—BOARDING SCHOOLS

Practical work of the Communist Youth Leaguers of the school. H. Shenhera. Rad. shkola 30 no 1 62 [illegible] Ja '60

OSTROGRADSKII, MIKHAIL VASIL'EVICH, 1801-1861

Role of M. V. Ostrogradskii in the development of [illegible] in Russia. A. T. Grigor'ian. Trudy Inst. ist. est. i tekh. 28:250-258 '59.

OSTROUMOV, ALEKSANDR ALEKSEEVICH, [illegible]

A. A. Ostroumov; obituary. A. G. Poddubnyi. Trudy Inst. biol. vodokhran. no. 2:3-5 '59.

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936

Over Nikolai Ostrovskii's manuscripts. [illegible] Vop. lit. no. 2:191-200 F '60.

OSTROZHETS DISTRICT—FARM BUILDINGS

Let's speed up construction. P. Sokolovs'kyi, M Fu-niuk Sil' bud 7 no 12:20 D '57

OSWIECIM (CONCENTRATION CAMP)

The people will not forget the tragedy of Oswiecim J Cyrankiewicz Nov vrem 18 no. 7 8-9 [illegible]

OSY—STUDENT ACTIVITIES

Glorious tradition. V. K. Rumiantseva. [illegible] vzrosl. no. 6:66-67 N-D '59.

OTOLARYNGOLOGY

Effectiveness of bicillin-3 in the prophylaxis of scarlet fever complications in the otorhinolaryngological organs. Preliminary report. A. A. Elvazov. [illegible] no. 1:46-50 Ja '60.

OVARIES—CANCER

Papillary tumors of the ovaries and mesothelioma [with summary in English]. Z. V. Gol'bert. Arkh. pat. 21 no. 7:56-61 '59.

OVARIES—DISEASES

Error in the diagnosis of a giant cyst of the ovary [in Azerbaijani with Russian summary]. M. G. Veller Azerb. med. zhur. no. 2:70-71 F '60.

OVARIES (BOTANY)

Heterogeneity of seed buds and egg cells developing in different parts of the wheat ear. N. N. [illegible], N. M. Shikhanova. Trudy OGMI no. 18:17-21 '59.

On the morphological nature of the ovaries of the [illegible] sitae [with summary in English]. T. F. [illegible] bot. zhur. 16 no. 6,59-69 '59.

OVERTIME

Concept and practice of extra working time. O [illegible]s'kyi. Rad. pravo no. 6:96-99 N-D '59

OVERVOLTAGE

Diffusion of electrolytic hydrogen through iron plates, and the mechanism of hydrogen overvoltage on iron [with summary in English]. L. I. Froimon, V. A. [illegible] fiz. khim. 34 no. 1:23-28 Ja '60.

Overvoltage of hydrogen evolution on an amalgamated zinc electrode in concentrated sulfuric acid solution [with summary in English]. IA. V. Durdin, F. G. [illegible]tarnyi. Vest. LGU 15 no. 10:80-92 '60.

Overvoltage of the iron group metals. N. V. [illegible] Zhur. fiz. khim. 34 no. 1:219-224 Ja '60.

OVRUCH DISTRICT—SHALE

Made of pink shale V. Bazel'chuk. Ukraina no 3 [illegible] F '60.

OVUM

Cytochemical and autoradiographic study of seasonal changes in the ovicells of amphibians. P. V. Makarov. TSitologiia 2 no. 1:37-44 Ja-F '60.

Cytochemical studies on the developing eggs of the sea urchin [with summary in English]. L. I. Pavlova. Trudy LSGMI 43:84-95 '59.

Recent data from a cytochemical analysis of the developing eggs of Ascaris equorum [with summary in English]. P. V. Makarov. Trudy LSGMI 43:47-83 '59.

OXALATES

Rendering harmless beet leaf oxalates in feeding cattle [with summaries in English, German, and French]. T. V. Gorb, V. IA. Maksakov. Vest. sel'khoz. nauki [illegible] no. 1:45-53 '60.

OXALIC ACID

Mechanism of the cathodic reduction of oxalic acid on mercury. G. M. Florianovich. Zhur. fiz. khim 34 no. 1 216-218 Ja '60.

OXETANE

Use of organoaluminum compounds [illegible] for the polymerization of 3,3-bis(chloromethyl)oxacyclobutane and oxacyclobutane [with summary in English]. [illegible] Kropachev and others. [illegible] 1041-1047 D '59.

OXIDASES

Activity of oxidizing enzymes [illegible]. V. I. Osipenko. [illegible] '60.

Effect of the geographical factor on the activity of oxidizing enzymes in the leaves of [illegible]. Biokhim. plod. i ovoshch. no.5:[illegible] '59.

Effect of X-rays on the synthetic oxidase and aldehyde dehydrogenase activities in the liver of [illegible]. Pravdina, T. A. [illegible] '60.

Role of polyphenoloxidase and peroxidase in the formation of [illegible] in the leaves of [illegible]. Biokhim. plod. i ovoshch. no.5:[illegible] '59.

OXIDATION

(see also subdivision under Kalinin [illegible])

Alkaline oxidation of [illegible]. Part 1. Mechanism of alkaline oxidation of the reaction. [illegible] M. S. Nemtsov. Zhur. ob. khim. 30 no.5:[illegible] My '60.

Liquid phase oxidation of cyclohexane by molecular oxygen in the presence of inhibitors. [illegible] Sivorov, V. G. [illegible] Zhur. prikl. khim. [illegible] no.12:[illegible] Je '60.

Oxidation and [illegible] of [illegible] quenching of [illegible] in English]. A. V. [illegible] 141-149 Ja '60.

Relation between values for the [illegible] of White Sea water [illegible]. V. S. Datsko, M. P. [illegible] no.[illegible] '59.

Shtern, V. IA. [Mechanism of hydrocarbon oxidation in the gas phase] Mekhanizm okisleniia [illegible] gazovoi faze. Moskva, [illegible] 493 p.

OXIDATION, ELECTROLYTIC

Investigating the [illegible] perchlorate [illegible] Trudy [illegible]

Mechanism of the electrolytic [illegible] dichloro[illegible] [with summary in English]. G. A. [illegible] '60.

OXIDATION, PHYSIOLOGICAL

Effect of a [illegible] of Micro[illegible] [with summary in English]. [illegible] Bulmatov [illegible]

Effect of [illegible] chain products [illegible]

Influence of sulfanilamide [illegible] Aliakhnovich [illegible]

Use of [illegible] and the condition of [illegible] M. A. [illegible]

OXIDATION-REDUCTION REACTION

Chlorophyll [illegible] reduction [illegible] chlorophyll [illegible] summary in English] [illegible] Biokhimiia [illegible]

Measurement of the rH_2 [illegible] by the use of [illegible] electrodes [with summary in English] [illegible] Mikrobiologiia 29 no.1:[illegible]

Oxidation-reduction properties [illegible] I. P. Alimarin, [illegible] Zhur. anal. khim. [illegible]

Use of [illegible] reduction potential [illegible] formation [illegible] Trudy [illegible]

Using a graphite electrode [illegible] reduction potential [illegible] Khim. [illegible]

OXIDES

Unsymmetric [illegible] oxides. F. G. [illegible] 49-[illegible] '59

OXYACETYLENE WELDING see [illegible] and cutting

OXYGEN

Determination of the rate of [illegible] oxygen and [illegible] Voevodskii, A. D. [illegible] no.4:[illegible]

Effect of respiratory [illegible] saturation of the [illegible] [with summary in English]. N. V. [illegible] no.11:[illegible]

Observations on the oxygen concentrations in the Sea of [illegible] and on the content of biogenous elements in [illegible]. V. G. Datsko, A. D. Semenov. Gidrokhim. [illegible] 117-[illegible] '59.

Reactions of free radicals in irradiated polytetrafluoroethylene. Part 2. Determination of the rate constants for the reactions $RO_2 + RH$, $R + O_2$ and $R + O_2 \rightarrow RO_2$ [with summary in English]. IU. D. Tsvetkov, IA. S. Lebedev, V. V. Voevodskii. Vysokom. soed. 1 no.10:1634-1642 D '59.

OXYGEN—ANALYSIS

Thermomagnetic automatic gas analyzer for determining oxygen. D. A. Kachurin. Zav. lab. 26 no.2:211-214 '60.

OXYGEN—INDUSTRIAL APPLICATIONS

Londikov, A. V., and [illegible] Dukhov. [Steelmaking in small converters with oxygen blast] Vyplavka stali v malykh konverterakh [illegible] dut'e. Pod red. [illegible] Moskva, [illegible] literatury po chernoi i tsvetnoi metallurgii, 1960. 100 p.

OXYGEN—ISOTOPES

[illegible] [with summary in English]. [illegible] Sokolovskaia. [illegible]

Method for determining the ratio of oxygen isotopes in [illegible] [with summary in English]. [illegible] no.[illegible] '59

Study of the mechanism of the anhydride rearrangement with the help of [illegible] oxygen. [illegible] Kudriavtsev. [illegible] AN [illegible] '60

OXYGEN—THERAPY

Life [illegible] Moskva [illegible] Trudy [illegible]

[illegible] with [illegible] [illegible] [in Azerbaijani with Russian summary] [illegible]

[illegible] M. [illegible]

Therapeutic [illegible] of produced oxygen [illegible] and [illegible] [with summary] [illegible]

[illegible] with oxygen. [illegible] '60.

OXYTOCIN see [illegible] subdivision under Endocrinology

OZONE

[illegible]

[illegible]

[illegible]

[illegible] [with [illegible]

OZONE—ANALYSIS

[illegible] small [illegible] [with summary in English] [illegible] '60

PACIFIC OCEAN—CURRENTS

[illegible] in the [illegible]

PACIFIC OCEAN—HYDROGRAPHICAL RESEARCH

[illegible] "Vitiaz" [illegible] A. Filatova, K. V. Beklemi[illegible] D '59

PACIFIC OCEAN—LOGGING

[illegible] geographical latitude, longitude, [illegible] [illegible] of the Pacific Ocean and the [illegible] as by the distribution of deep [illegible] [illegible] [with summary in English]. IA. A. Birshtein [illegible]

PACIFIC OCEAN—SEISMIC WAVES

[illegible] the Atlantic [illegible] Dokl. AN SSSR [illegible]

PACIFIC OCEAN—SUBMARINES

[illegible] that [illegible] of deep sea [illegible] [illegible] a part of the Pacific Ocean. [illegible] Trudy Inst. okean. [illegible] '59.

PACIFIC ISLANDS

[illegible] from [illegible] elevated [illegible] A. D. [illegible]

Investigating mass transfer in packed columns during extraction by means of tributyl phosphate (extraction and reextraction of nitric acid). A. M. Rozen and others. Khim. prom. no.7:647-650 O-N '59.

Relationship between the number of irrigating streams and the effectiveness of absorption in packed towers. [illegible] M. Zhavoronkov and others. Khim. mash. no.1:[illegible] Ja '60.

PACKING (MECHANICAL ENGINEERING)

Automatic steam-scrape regulation in steam turbine plants. V. I. [illegible], O. I. Shlbenko. Energetik 8 no.1:[illegible] Ja '60.

Face packing of spindles and shafts. I. N. [illegible] Stan. i instr. 31 no.1:[illegible] Ja '60.

PACKING HOUSES

(see also subdivision under Naberezhnyye Chelny; Semipalatinsk, Shadrinsk, Sioux City, Iowa, Velikiye Luki)

Continuation of the discussion on the 37 discount. Mias. ind. SSSR 31 no.1:35-38 '60.

PACKING HOUSES—EQUIPMENT AND SUPPLIES

(see also subdivision under Beltsy; Biysk, Moscow, Vinnitsa)

Calculation of chutes for meat stuffing. N. Fedorov, A. Gorbatov. Mias. ind. SSSR 31 no.1:47-49 '60.

PAGIREV, GLEB

Born in battle ("Veche" by Gleb Pagirev. Reviewed by V. Kuznetsov). Neva no.3:199-[illegible] '60.

"Veche" by Gleb Pagirev. Reviewed by Vs. Azarov. Zvezda no.12:207 D '59.

PAIN

Advances in the treatment of the pain syndrome in [illegible] painful neuralgia nerve. IA. M. Pavlonskii. Sov. med. 24 no.1:71-75 Ja '60.

"Anesthesia in labor" by V. N. Shushkova; "Pain and anesthesia" by G. N. Kamil'. Reviewed by M. M. Glezing. Pediatr., akush. i gin. 26 no.2:61 F '60.

Functional state of the different segments of the nervous system in painful trauma and in radiation injury. V. S. [illegible]. Trudy Inst. fiziol. [illegible]:[illegible] '59.

PAINT—TOXICOLOGY

Spoilage of food products under the influence of vapors from ethyl silicate. O. A. [illegible]. Vop. pit. 19 no.1:[illegible] Ja-F '60

PAINTING

Our anthology of Russian painting. [illegible] 4 no.1:[illegible] '60.

PAINTING—STUDY AND TEACHING

(see also subdivision under Minsk)

Brushes for painting. A. N. [illegible] Dosh. vosp. 33 no.2:79-80 F '60.

Research on individual methods in painting the teaching [illegible] Moskva [illegible]

PAINTING, GERMAN

[illegible], A. N. [German painting of the 17th century; studies] Nemetskaia zhivopis' XVII veka; ocherki. Leningrad, Izd-vo "Iskusstvo," 1960. 189 p.

PAINTING, INDUSTRIAL—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of painting operations. [illegible] "Za innovatsii" no.2:[illegible] '60

PAINTING, ITALIAN—EXHIBITIONS see subdivision under Leningrad

PAINTING, UKRAINIAN

Outstanding Ukrainian painter of the 18th century [illegible] Mystetstvo 6 no.6:40-40 N-D '59.

PAINTINGS see subdivision under Leningrad

PAINTINGS—CONSERVATION AND RESTORATION

(see also subdivision under Kiev)

[illegible] life of paintings. A. V. [illegible] '60.

PAINTINGS—EXHIBITIONS see subdivision under Ukraine

PAINTINGS—PRIVATE COLLECTIONS see subdivision under Ukraine

PAKISTAN

Pakistan. V. [illegible] Vnesh. torg. [illegible] no.1:[illegible] '60.

PAKISTAN—ECONOMIC POLICY

Can Pakistan fulfill its five-year plan. N. Muradov. [illegible] no.[illegible] My '60

PAKISTAN—LABOR AND LABORING CLASSES

"Light is your father" [illegible] the miners. N. Muradov. [illegible] no.5:[illegible] My '60

PALATE

Changes in the soft palate in influenza. M. M. Kirillov. Sov. med. 24 no.1:130-134 Ja '60.

PALATE, CLEFT [illegible]

[illegible]

PALEONTOLOGY [illegible]

[illegible]

PANCREATIC NEOPLASMS [illegible]

PANORAMIC PHOTOGRAPHY [illegible]

[illegible]

PAPAVERINE [illegible]

[illegible]

PARASITES — FISHES (Continued)

Effect of the regulation of the Volga River on the parasitic fauna of fishes. A. P. [illegible]. Trudy sov. Ikht. kom. no.9:120-123 '59.

Epizootic condition of commercial fish stocks of the Volga River in the region of the future Stalingrad Reservoir. P. A. [illegible]. Trudy sov. Ikht. kom. no.9:144-148 '59.

Mites as parasites of fishes. V. B. Dubinin. Trudy sov. Ikht. kom. no.9:174-176 '59.

Natural bodies of water as sources of parasitic infection in pond fish (according to data from [illegible] provinces of the Ukrainian S.S.R.). O. P. [illegible]. Trudy sov. Ikht. kom. no.9:65-68 '59.

Parasite fauna and parasitic diseases of fishes in the Aral Sea. S. O. Osmanov. Trudy sov. Ikht. kom. no.9:102-107 '59.

Parasite fauna of fishes in reservoirs of central Kazakhstan. E. G. Sidorov. Trudy sov. Ikht. kom. no.9:141-147 '59.

Parasite fauna of principal commercial fishes inhabiting lagoons in the region of the Sea of Azov. [illegible]. Trudy sov. Ikht. kom. no.9:[illegible] '59.

Parasites of fishes in the [illegible] of the Lithuanian S.S.R. R. A. [illegible]. Trudy sov. Ikht. kom. no.9:[illegible]-107 '59.

Parasites of fishes in the eastern part of the Baltic Sea. S. S. Shul'man. Trudy sov. Ikht. kom. no.9:[illegible] '59.

Parasites of fishes in the [illegible]. [illegible] IU. A. Strelkov. Trudy sov. Ikht. kom. no.9:[illegible] '59.

Principal parasites infecting the [illegible]. N. A. Iziumova. Trudy sov. Ikht. kom. no.9:[illegible] '59.

Results and outlook for the work of [illegible] in studying the parasites of fishes of the U.S.S.R. IU. I. Polianskii [illegible]. Trudy sov. Ikht. kom. no.9:[illegible] '59.

Trematode larvae in fishes of [illegible] Dykhovskii [illegible] Pavlovskaia, [illegible]. Trudy sov. Ikht. kom. no.9:[illegible] '59.

V. A. Dogel' and his role in the [illegible] diseases of fishes in the U.S.S.R. [illegible] G. K. Petrushevskii, IU. I. Polianskii. Trudy sov. Ikht. kom. no.9:7-12 '59.

PARASITES — GOBIES

A monogenetic parasite of [illegible]. E. A. [illegible]. Trudy sov. Ikht. kom. no.9:[illegible] '59.

PARASITES — PERCH

Parasite fauna of young pike perch [illegible] and the Northern Caspian. [illegible]. Trudy sov. Ikht. kom. no.9:[illegible] '59.

PARASITES — SALMON

Parasitic diseases of [illegible] observed in fish hatcheries [illegible] control. N. I. [illegible]. Trudy sov. Ikht. kom. no.9:91-93 '59.

PARASITES — SAUREL

Seasonal and age-induced variability of the parasite fauna of saurel (Trachurus trachurus L.) [illegible]. T. P. Pogorel'tseva. Trudy Karadag. biol. sta. no.[illegible] '59.

PARASITES — SHEEP

A rare case of ascariasis in sheep [with summary in English]. I. V. [illegible]. [illegible] D '59.

PARASITES — WHITEFISHES

Diseases of larvae and fry of [illegible] reared in pond fish farms [illegible]. A. M. Lopukhina. Trudy sov. Ikht. kom. no.9:[illegible] '59.

PARASITISM

Possible course of the [illegible]. M. S. [illegible] no.4:211-224 [illegible]

PARASYMPATHOLYTICS

Effect of certain new [illegible] on the [illegible] of the adrenal cortex, electrical and [illegible] investigations [with summary in [illegible]]. [illegible] kova, O. P. Zaplatina, V. M. [illegible]. [illegible] 5 no.[illegible]

PARASYMPATHOMIMETICS

Effect of ganglionic [illegible] [with summary in [illegible]]. [illegible] 22 no.6:[illegible]

PARATHION

Isolation and detection of [illegible] in medicolegal investigations. [illegible]

PARATYPHOID FEVER

Peculiarities in the course of typhoid and paratyphoid diseases in children treated with [illegible]. [illegible] Levin. Zdrav. Belor. [illegible] Ja '60.

[illegible] of the [illegible] in paratyphoid fever. [illegible] Zdrav. Belor. 6 no.3:[illegible] Mr '60.

PARATHYROID GLANDS

Functional relationship between the higher segments of the central nervous system and the parathyroid glands. [illegible]. Trudy Inst. fiz. [illegible] '59.

PARATHYROID GLANDS — DISEASES

[illegible]. Vest. khir. 83 [illegible]

PARENAGO, PAVEL PETROVICH, 1906-1960

Pavel Petrovich Parenago; an obituary. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no.[illegible]:229-230 '59.

PARENT AND CHILD

[illegible]. Zdorov'e [illegible] no.3 [illegible] Mr '60.

[illegible]

[illegible]. Zdorov'e 6 no.[illegible] Mr '60.

PARENTS AND TEACHERS see Home and school

[illegible] (KHERSON PROVINCE) — GAS, NATURAL

[illegible]

PARIS COMMUNE, 1871 — BIBLIOGRAPHY see Bibliography — Paris Commune, 1871

PARIS — DESCRIPTION

[illegible]

PARIS — PUBLIC OPINION

[illegible]

[illegible]

[illegible]

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

[illegible]

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)

[illegible]

PARTURITION see Labor (Obstetrics)

PASCAL, BLAISE, 1623-1662

[illegible]

[illegible], VLADIMIR ALEKSANDROVICH, [illegible]

[illegible]

[illegible]

[illegible]

PASTERNAK, PETR LEONT'EVICH, 1885

[illegible]

PASTRY

Recipes for making home pastry. P. Ul'ianov. Obshchestv. pit. no.1:60-62 Ja '60.

PASTURES AND MEADOWS

(See also subdivision under Kazakhstan, Kirghizistan; Latvia, Ossetia, Tien Shan; Ukraine)

Effect of the yellow rattle Rhinanthus major Ehrh. on yields and composition of the grass stand in bottom land meadows. T. A. Rabotnov. Biul. MOIP. Otd. biol. 64 no.6:105-107 N-D '59.

Biological volume of perennial cultivated grasses [with summary in English]. L. N. Aleksandrova. Biul. MOIP. Otd. biol. 64 no.6:90-104 N-D '59.

Improvement of meadows and pastures. I. Rudnov. Vest. s-kh. nauki 5 no.1:148-150 '60.

Improving interior pastures and meadows. N. A. Korneev. Zemledelie 8 no.2:86-87 F '60.

Machine for speeding up the formation of meadows. G. M. Rusanov. Biul. nauch.-tekh. inform. po mekh. s-kh. no.17:[illegible]

Transforming white alder areas into cultivated meadows and pastures. V. I. Kochkin. Les. khoz. 13 no.1: [illegible] Ja '60.

PATENTS

[Bulletin on inventions] Biulleten' izobretenii no.10 '60.

PATHOANATOMICAL SOCIETIES see subdivision under Azerbaijan; Dnepropetrovsk, Ryazan Province; Zaporozh'ye Province

PATHOGENIC FUNGI see Fungi, Pathogenic

PATHOLOGICAL SOCIETIES see subdivision under Kursk Province

PATHOLOGY

Interoceptive component in the development of certain pathological states. L. L. Gamulina and others. Trudy Inst. fiziol. [illegible] 254 '59.

PATON, EVGENII OSKAROVICH, 1870-1953

Evgenii Oskarovich Paton on the 90th anniversary of his birth. Avtom. svar. 13 no.2:3-6 F '60.

PATON, EVGENII OSKAROVICH, 1870-1953 — BIBLIOGRAPHY see Bibliography — Paton, Evgenii Oskarovich, 1870-1953

PAVEMENTS

Instruments for measuring the smoothness and slipperiness of pavements. V. A. Antonov, G. P. Lillus. Avt. dor. 23 no.1:19-20 Ja '60.

A useful manual ("Standard designs of pavements." Reviewed by A. Iofuev, B. Belin). Avt. dor. 23 no.1:25 Ja '60.

PAVLODAR PROVINCE — AGRICULTURE

How we can make greater use of progressive experience. G. Pantiushenko. Zhiv. dopol. trud. no.1:44-40 Ja '60.

PAVLODAR PROVINCE — FARM MECHANIZATION

Campaign for a new outlook on the Pavlodar State Farm in Pavlodar Province. [illegible] V. P. [illegible]. Trudy [illegible] '60.

PAVLODAR PROVINCE — TRANSPORTATION, AUTOMOTIVE

The one-year plan has been carried out ahead of time [illegible]. Avt. transp. 38 no.1:[illegible] Ja '60.

PAVLOGRAD — RESTAURANTS, LUNCHROOMS, ETC.

Pavlograd builders are content. V. Lyutyshenko. Obshchestv. pit. no.2:20 F '60.

PAVLOV, IVAN PETROVICH, 1849-1936

Assistants of I. P. Pavlov in his investigations of the digestive apparatus during the latter part of the 19th century and the early part of the twentieth century. H. G. Kosmos. A. K. Pedirova. Biol. fiziol. zhur. 46 no.1: 126-117 Ja '60.

PAVLOV — VOCATIONAL EDUCATION

Following the example of Kovalev teachers. L. A. Pomazkov, [illegible] Prof.-tekh. obr. 17 no.2:[illegible] F '60.

PAVLOVSK (LENINGRAD PROVINCE) — BUILDING MATERIALS INDUSTRY

Let's fulfill the seven year plan in five years; workers of the Pavlovsk Plant of Silicate Building Materials use all potentialities for increasing production. S. I. Vasiutin, N. IA. Tozhkin. Stroi. mat. 6 no.1:5-7 Ja '60.

PAVLOVSK (LENINGRAD PROVINCE) — BUILDING MATERIALS INDUSTRY — EQUIPMENT AND SUPPLIES

Contribution of our inventors and efficiency promoters. A. V. Ivanov. Stroi. mat. 6 no.1:9 Ja '60.

PAVLOVSK (LENINGRAD PROVINCE) — QUARRIES AND QUARRYING — EQUIPMENT AND SUPPLIES

We are creating conditions for increased labor productivity. M. N. Zhukov. Stroi. mat. 6 no.1:8 Ja '60.

PAVLYK, MYKHAILO IVANOVYCH, 1853-1915

Mykhailo Pavlyk and his role in the social and political life of Galicia in the last quarter of the 19th century. O.IA.Lysenko. Ukr.ist.zhur. 4 no.1 36-45 Ja-F '60.

PAY-KHOY RANGE—GEOLOGY, STRATIGRAPHIC

Upper Cambrian and Ordovician sediments of the Pay-Khoy Range in the northern part of the Polar Ural region. A M Ivanova. Trudy NIIGA 96 3-21 '59

PAYERNE, SWITZERLAND—ASBESTOS CEMENT

A plant in Payerne. A Sedov. Arkhit SSSR no 2 49-51 '60

PAYMENT

Improve accounting for payments in construction. L Chapnitskii. Bukhg uchet 17 no 2 15-23 F '60

PEACE

Appearance of His Holiness Patriarch Aleksii before the Soviet community on February 16, 1960. N. Khar'luzov. Zhur Mosk Patr no 4 50-54 Ap '60

Church leaders of Czechoslovakia and the U.S.S.R. demand the liberation of mankind from the fear of an atomic war. Brat vest no 2 3-4 '59

Easter and peace. A Kazem-Bek. Zhur. Mosk Patr no. 4 47-50 Ap '60.

On guard for peace and the security of the fatherland. Voen.-med. zhur. no 2 3-7 F '60

The tenth anniversary of the activity of Metropolitan Nikolai in the defense of peace. V. Talin. Zhur Mosk Patr no 4 54-60 Ap '60

That people may live in peace. Sov Soiuz no 3 1 '60.

They do not wait for peace, they conquer peace. M. Tursun-Zade. Nauka i rel no 4 3-5 D '59

To Joseph Polowsky, Chicago, U S A. Hryhorii Holoborod'ko. Ukraina no 1 5 Ja '60

PEACE—CONGRESSES

Greetings to members of the Second Christian Peace Congress in Prague. Metropolitan Nikolai. Brat vest no 2 12-13 '59

The Second Christian Peace Congress in Prague. IA I Zhidkov. Brat vest no 2 10-11 '59

Under the banner of Christian responsibility. Brat vest. no 2 5-9 '59

PEACH

(see also subdivision under Crimea)

Changes in the growth and development of the peach induced by lower temperatures acting on germinating seeds. Z I Koreisha, F G. Muminov. Fiziol. rast 7 no. 1 89-91 '60.

PEAR BREEDING

Characteristic features in the individual development of hybrid pear seedlings. G. A. Lobanov. Agrobiologiia no 1 71-74 Ja-F '60

PEASANTRY

(see also subdivision under Norway, Ukraine)

Leningrad workers in the struggle for the realization of Lenin's principle of the patronage of town over country [with summary in English]. P V Solov'ev. Vest. LGU 15 no. 8 19-33 '60

"The peasant movement in Russia, 1890-1900," Reviewed by A V Ladeev. Ist. SSSR no. 1 198-199 Ja-F '60

PEAT

(see also subdivision under White Russia)

Axial flow of past in cylindrical packing beds. A. Kh. Kim. Sbor. nauch. trud. Bel. politekh. inst. no. 65·97-112 '59.

Cement from peat. V. Khablov. Nauka i zhizn' 27 no. 1 67 Ja '60

Controlling the caving-in and sliding of peat in open-pit workings. S. G. Solopov. Izv. vys ucheb zav., gor. zhur. no. 10 3-5 '59.

Determination of the quality of treatment of raw peat from its mechanical properties before and after treatment. S. S. Ovchinnikov. Sbor. nauch. trud. Bel. politekh inst. no. 65·91-96 '59.

Efficient method of utilizing peat for fertilizer. I. P. Mamchenkov, Z. D. Ozolina. Zemledelie 8 no. 2 38-43 F '60.

Investigating the resistance of raw peat to displacement. S. S. Ovchinnikov. Sbor. nauch. trud. Bel. politekh. inst. no. 65·211-222 '59.

Mechanization of the stock taking of milled peat harvested by UMPF-4 machines. S. P. Volkus. Sbor. nauch. trud. Bel. politekh. inst. no. 65·65-67 '59.

New types of bulldozers for the mechanization of peat winning and road construction results of their testing. A. V. Fridrikh. Sbor. nauch. trud. Bel. politekh. inst. no. 65·171-182 '59.

Resistance to the flow of peat in cylindrical packing beds. V. I. Kozel. Sbor. nauch. trud. Bel. politekh. inst. no 65: 201-209 '59.

Transporting hydro peat pulp over open channels. M. A. Pimenov. Sbor. nauch trud. Bel. politekh. inst no. 65 113-125 '59.

PEAT—TRANSPORTATION

Investigation of the milled peat pneumatic-tube transportation process. L. O. Gortsakalian. Izv. vys. ucheb. zav., gor. zhur. no. 10 88-92 '59.

PEAT BOGS

Concentration of the production at peat works in relation to the intensive drying of peat bogs. F. A. Opeiko. Sbor. nauch. trud. Bel politekh inst. no. 65 19-52 '59.

PEAT INDUSTRY

(see also subdivision under White Russia)

Flooding the peat pulp without using peat plot pipes. V. A. Nikiforov. Sbor. nauch. trud Bel. politekh. inst. no. 65 127-139 '59.

Mechanical dewatering in track presses of upper peat with a low degree of decomposition. M G Bulynko, A A. Sokolov. Izv. vys ucheb. zav., gor zhur. no. 10 149-153 '59

Preparation of milled fields by deep plowing. F. A. Aksenov. Sbor. nauch. trud. Bel. politekh inst. no. 65·11-31 '59.

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. [Basic trends in the development of standard designs and technological planning of peat enterprises] Osnovnye tekhnicheskie napravleniia v proektirovanii i normy tekhnologicheskogo proektirovaniia torfianykh predpriiatii. Moskva, Gos. energ. izd-vo, 1959. 30 p.

Some legal problems of peat enterprises and of the organization of joint winning of peat by several collective farms. N. F. Osipov. Uch. zap. LGU no. 271 140-151 '59.

Standards for and methods of industrial water supply and drying of lowland peat bogs treated by the excavator method. A. M. Vasil'ev. Sbor. nauch. trud. Bel. politekh. inst. no. 65·69-82 '59.

Water supply of heat engines at peat works. O. G. Begunov. Sbor. nauch. trud. Bel. politekh. inst. no. 65·53-63 '59.

PEAT MACHINERY

(see also subdivision under White Russia)

Classification of peat machinery according to the number of degrees of freedom of the excavating part. F. A. Opeiko. Sbor. nauch. trud. Bel. politekh inst. no. 65· 45-47 '59.

Mechanizing loading operations in yards of peat-winning enterprises. M A Mirkin. Mekh i avtom proizv 14 no 1 41-44 Ja '60

Theory of screw conveyers for raw peat. F. A. Opeiko. Sbor. nauch. trud. Bel. politekh. inst. no. 65;157-164 '59.

PEAT SOILS

Results obtained with mole drains in improving the fertility of peat soils. N. A. Tiulenev. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no. 3·118-126 '55

PECHENGA REGION—PYRRHOTITE

Composition and conditions governing the formation of pyrrhotite and troilite in the Pechenga copper-nickel deposits. N. A. Kornilov, A. P. Denisov. Izv. Kar. i Kol'. fil. AN SSSR no. 1;21-33 '59.

PECHORA REGION—RAILROADS—MAINTENANCE AND REPAIR

Freezing method for track repairs. A. IU. Chulkston. Put' i put. khoz. 4 no. 3 8 Mr '60.

PECHORA VALLEY—GAS, NATURAL—GEOLOGY

Genesis of oil and gas in the Timan-Pechora oil- and gas-bearing province [with summary in English] V. A Kaliuzhnyi. Sov. geol. 2 no. 11·80-95 N '59.

PECHORA VALLEY—PETROLEUM GEOLOGY

Genesis of oil and gas in the Timan-Pechora oil- and gas-bearing province [with summary in English]. V. A. Kaliuzhnyi. Sov. geol. 2 no 11 80-95 N '59.

PECTIN—PHYSIOLOGICAL EFFECT

Influence of pectin on some biochemical processes in the large intestine [with summary in English]. O. A. Konovalova, I. B. Kuvaeva. Vop. pit. 19 no. 1·49-54 Ja-F '60.

PEDIATRIC NURSING

Ioffe, B. G. [Care of the sick child] Ukhod za bol'nym rebenkom. Izd. 2. Moskva, Medgiz, 1958. 21 p. (Sovety roditeliam)
(DNLM)

PEDIATRICS

Prospects for the development of pediatrics in the light of the resolutions of the 21st Congress of the CPSU. O D. Sokolova-Ponomareva. Pediatriia 37 no. 12 3-8 D '59

Why doesn't this concern you? I. S. Kostyria. Zdorov'e 6 no. 3;20-21 Mr '60.

PEDIATRICS—CONGRESSES

Vsesoiuznyi s''ezd detskikh vrachei. 7th, Leningrad, 1957 [Proceedings of the Seventh All-Union Congress of Pediatricians in Leningrad, 1957, abridged stenographic report] Trudy s''ezda, sokrashchennaia stenogramma. Otv red A. F Tur. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1959. 654 p.
(DNLM)

PEIPING—CIVIC IMPROVEMENT

Street Committee of Ch'aoyaochich. Ivan. Loboda. Sov. deput. trud. no. 3·103-106 Mr '60.

PEIPING—RAILROADS—CONGRESSES

Peking Conference of Railroad Track Workers. A. F. Podpalyi. Put' i put. khoz. 4 no. 3, 39-40 Mr '60.

PELTS see Hides and skins

PELVIS—WOUNDS AND INJURIES

"Saddle" transport splint for immobilizing the pelvic bones. V I Pecherskii. Voen.-med. zhur. no 2 86-87 F '60

PENDULUM

Effect of the curvature of the knife on the forced oscillations of a long-period pendulum. V. L. Panteleev. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3 47-53 '59.

Pendulum, the universal handyman. I. Golovanov. IUn. tekh. 4 no. 1 49-51 Ja '60.

PENGUINS

Radio transmitter in a penguin's egg. Znan. ta pratsia no. 2 8 F '60.

PENICILLIN

Effectiveness of bicillin-3 in the prophylaxis of scarlet fever complications in the otorhinolaryngological organs. Preliminary report. A. A. Eivazov. Azerb. med. zhur. no. 1;46-50 Ja '60.

Influence of a hot climate on the bacteriostatic action of penicillin. IU. N. Zaitsev. Zdrav. Turk. 3 no. 6:12-13 N-D '59.

Pathological anatomy of some forms of pneumonia treated with sulfanilamides and penicillin [with summary in English]. A. V. TSinzerling. Arkh. pat. 21 no 7 50-14 '59.

Side effects in the treatment of meningitis by subarachnoid administration of streptomycin and penicillin [with summary in English]. A. A IAkovleva. Sov med 24 no 1·103-109 Ja '60.

PENICILLIUM

Obtaining proteolytic enzyme preparations from the mycelium of Penicillium chrysogenum [with summary in English] S. I. Bezborodova. Mikrobiologiia 29 no. 1 124-128 Ja-F '60.

PENMANSHIP

When and how we should begin to teach children to read and write. H. Savyts'ka. Doshk. vykh 21 no 1 16-21 Ja '60

PENMANSHIP—STUDY AND TEACHING

Gur'ianov, E. V. [Psychology of teaching writing; forming the graphic skill of writing] Psikhologiia obucheniia pis'mu, formirovanie graficheskikh navykov pis'ma. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 251

PENS see subdivision under Kharkov

PENSIONERS see subdivision under Omsk

PENSIONS

(see also subdivision under Astrakhan Province, Bashkiria; Moscow Province; Voronezh)

Check for similar mistakes. Sots obesp 21 no 1 55 [illegible] Ja '60.

Editor's mail. Sots obesp 21 no 1 53-50 Ja '60

Establishing the general length of service for the granting of pensions to workers and employees. IU. [illegible] Okhr. truda i sots. strakh. no 1:65-68 Ja '60

Follow-up on unpublished letters. Sots obesp 21 no 1 [illegible] Ja '60

General conclusions concerning collective farm pensions. IU. Koigorodtsev. Sots obesp 21 no 1 33-39 Ja '60

How would you decide? Sots obesp 21 no 1 61-63 Ja '60

We can work without mistakes. V. Babkin, A [illegible] Sots. obesp 21 no. 1:6-12 Ja '60

PENTENE

Catalytic polymerization of olefins. Part 2: Effect of adding electron donors on the polymerization of 1-pentene with the aid of complex catalysts [with summary in English] A. A. Korotkov, I S. Lishanskii, L. S. Semenova. Vysokom. soed. 1 no. 12 1821-1823 D '59.

PENTENEDIOL

Synthesis and conversion of α-glycols of the ethylenic series. Part 8 Conversion of 2,3-dimethyl-4-pentene-2,3-diol. L. F. Chelpanova, V. A. Kormer, V. D. Nemirovskii. Zhur. ob. khim. 30 no 5 1476-1479 My '60.

PENTOSAN

Studying the chemical composition of corn stumps of different varieties as pentosan-containing raw material. B. M. Nakhmanovich, N. A. Shcheblykina. Zhur. prikl. khim. 33 no. 2,482-484 F '60.

PENTOSES

Dehydration of pentoses in the process of wine distillation. V. V. Bazilevskii. Izv. vys. ucheb. zav., pishch. tekh. no. 6;31-36 '59.

PEPTIC ULCER

Cholinesterase activity, glutathione content, and cellular permeability in gastric ulcer. I L Bilich, B. S Berezovskii. Kaz. med. zhur. 40 no 6:40-51 N-D '59

PEPTIC ULCER (Continued)

Clinical aspects of peptic ulcer in young subjects. [illegible] Patlan. Vest. [illegible] no. [illegible]

Comparative evaluation of methods for the treatment of peptic ulcer [in Azerbaijani with Russian summary]. A. S. Smakov, [illegible] Azerb. [illegible] no. [illegible] 72-75 Ja '60.

Duodenal ulcer in a 11 day old child. [illegible] Pediatriia [illegible]

Effect of aminazine on the development and closure of experimental gastric ulcer [with summary in English]. A. L. Aleksandrova. Pat. fiziol. i eksp. terap. [illegible] 61-66 Ja '60.

Influence of some methods of physical therapy [illegible] therapy on the secretory function of the [illegible] peptic ulcer patients. [illegible] fiziot. [illegible]

Late results of suturing perforated ulcers of the stomach and duodenum. [illegible] 32 [illegible] '60.

Perforating and bleeding peptic ulcers of the stomach and duodenum. V. V. [illegible] med. zhur. no. [illegible]

Shlman, M. P., and A. P. Ne[illegible] [Gastric and duodenal ulcer] [illegible] Moskva, [illegible] 1960. 60 p. (Nauchno-populiarnaia [illegible] literatura)
(DNLM)

Significance of functional findings [illegible] the diagnosis of peptic ulcer [illegible]

Surgical method in [illegible] duodenum. [illegible]

Symptomatology of [illegible] subjects. M. M. [illegible] Krylov. [illegible]

Use of electrophoresis [illegible] temporal [illegible] P. L. [illegible] Zdrav. [illegible]

Use of infusions of Tanacetum vul[illegible] in gastric and duodenal ulcers. [illegible] no. 6:91-95 N-D '59.

Use of [illegible] [illegible] V. P. [illegible] '60

PEPTIDES

Cancerolytic peptides of [illegible] plants. R. E. Golubeva, [illegible] SSSR 112 no. 1:[illegible]

PEPYN, MARTEN

Paintings by Marten Pepyn [illegible] I. Sak [illegible]

PERCEPTION

Peculiarities in the [illegible] [in Russian] V. [illegible] psychol. [illegible]

PERCH

Follicular epithelium of testicles [illegible] its function as related to the [illegible] fied in perches) [with summary in English]. [illegible] skaia. Zool. zhur. 38 no. 12:1844-1849 [illegible]

Mitotic [illegible] I. A. Rudo[illegible] '60

PERCH PARASITES see Parasites Perch

PERCHLORATE

Investigating the [illegible] perchlorate and [illegible] Trudy NPI 47 [illegible]

PEREMYSHLYANY DISTRICT — [illegible] BREEDING

How to lower the [illegible] collective farms [illegible] farms in Peremyshl[illegible] [illegible]

PERESECHINO — NURSES AND NURSING — STUDY AND TEACHING

Advanced surgical training of [illegible] hospital. R. I. [illegible] Ja '60.

PERFUMES

Mechanization of the transportation [illegible] perfume [illegible] I. Z. Ratan. Masl.-zhir. [illegible]

PERGAMON — ANTIQUITIES

Belov, G. D. [Altar of Zeus at Pergamon] Altar' Zevsa v Pergame. Leningrad, Izd-vo Gos. ordena [illegible] Ermitazha, 1959. 51 p., illus.
(MH)

PERICARDIUM

Ligation of the vessels of the [illegible] cardiac cavity [illegible] zhur. 40 no. 8:[illegible] '59

Reflex changes [illegible] function under the influence of chemical irritation of pericardial receptors [illegible] changes [illegible] from the pericardium under the influence of forced respiration [with summary in English]. [illegible] '59

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICAL CIRCULATION see Newspaper and periodical circulation

PERIDOTITE

Metamorphism of [illegible] zones and [illegible] faults in the area of the [illegible] peridotite massif in the Urals [with summary in English]. V. A. [illegible] '59

PERITONEUM — ABNORMITIES AND DEFORMITIES

[illegible] defect of the peritoneum [with summary in English]. [illegible] Arkh. pat. [illegible] no. 7:[illegible]

PERITONEUM — TRANSPLANTATION

Prophylaxis and treatment of abdominal adhesions with [illegible] of [illegible] peritoneum. A. S. [illegible] Zdrav. Belor. [illegible] Ja '60

PERITONITIS

[illegible] of [illegible] M. A. [illegible] '60

PERITRIT (HOSPITAL) see subdivision under Trans[illegible]

PERLS — [illegible]

[illegible] children under [illegible] '60

PERM PROVINCE — ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS

[illegible] to the [illegible] of Perm City and Perm Province. [illegible] Ist. arkheol. [illegible]

PERMANGANATE

[illegible] for the permanganate oxidation [illegible] and alkaline media. V. G. [illegible] M. P. [illegible] Izv. [illegible] AN [illegible] 335 [illegible]

PERMETRIN

[illegible] and methods for [illegible] Med. prom. 14 no. [illegible]

PEROXIDE [illegible]

[illegible] 20 [illegible]

PEROXIDES

[illegible] I. A. Abs[illegible]

PEROVSKITE

[illegible] combination [illegible] N. N. [illegible]

PEROV, VASILII GRIGOR'EVICH, 1833-1882

Per[illegible] [Vasilii Grigor'evich Perov; album of reproductions] Vasilii Grigor'evich Perov, album reproduktsii. Moskva, Gos. izd-vo izobr. iskus., 1959. 11 p. 24 plates.
(MH)

PEROVO ELECTRIC LOCOMOTIVES — MAINTENANCE AND REPAIR

[illegible] V. [illegible] 2 no. 3 [illegible]

PEROVSKITE

[illegible] with the structure of [illegible] Izv. AN SSSR [illegible]

PERSIAN see Iran

PERSIMMON

[illegible] fertility and the fertilization of [illegible] A. P. [illegible] 1115-1119 [illegible]

PERSONALITY

[illegible] Mosk. [illegible]

Str[illegible] [illegible] [illegible] and the all-around development of [illegible] [illegible] Moskva, Izd-vo "Znanie," 1960. 41 p. ([illegible] politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 15)

PERSONNEL MANAGEMENT

[illegible]

PERSPIRATION

Treatment of sweating of the feet with a decoction from [illegible] A. S. Dmitrochenko. Zdrav. Belor. [illegible] no. [illegible] My '60

PERTURBATION

Equations of perturbed motion in Kepler's problem. A. I. [illegible] Iskusst. sput. Zem. no. 1:83-85 '60

PERVOURALSK — APARTMENT HOUSES

Building a new residential district in Pervoural'sk. [illegible] Arkhit. SSSR no. 2 [illegible] '60

PERYLENE — SPECTRA

Absorption and fluorescence spectra of perylene at low temperature. R. I. Personov. Izv. AN SSSR Ser. fiz. 24 no. 5:630-632 My '60

PESCHANAYA VALLEY — GEOLOGY, STRATIGRAPHIC

Lower Devonian fauna and stratigraphy of the Peschanaya Valley in Gornyy Altai. G. A. Chernov, R. T. Gratsianova. [illegible] geol. inst. Zap. [illegible] AN SSSR no. [illegible] '60

PESCHENEGS

Symbols on pottery and bricks from Sarkel (Belaya Vezha) on the problem of the Pecheneg language and writing. A. M. [illegible] Mat. i issl. po arkheol. no. [illegible] '59

PETRIKOVKA (DNEPROPETROVSK PROVINCE) — ART INDUSTRIES

[illegible] colors. I. [illegible] Ukraina no. [illegible] '60.

PETROLATUM

Using petrolatum in the manufacture of particle boards. V. N. Petri, I. P. Permikin. Der. prom. 8 no. 12:11-13 D '59

PETROLEUM

(see also subdivision under Sinkiang Uigur Autonomous region)

"Hero of a 100th anniversary", petroleum has been known to people for at least 1,000 years. W. [illegible] V [illegible] no. 40:[illegible] '59

PETROLEUM — ANALYSIS

New method for the comparative characterization of bitumens and petroleums, based on their luminescence and capillary properties. [illegible] A. I. [illegible] Trudy VNIGRI [illegible] '59.

PETROLEUM — PIPELINES

(see also subdivision under Europe, Eastern)

[illegible] of [illegible] pipelines. [illegible] A. [illegible] [illegible] Trudy MNI no. 20:[illegible] '57.

[illegible] petroleum pipelines with [illegible] internal diameter. [illegible] A. [illegible] Stroi. truboprov. [illegible] no. 12:9-10 D '59

PETROLEUM — REFINING

Field petroleum refining. D. F. Mustafaev. Azerb. neft. khoz. 38 no. 11:31-32 N '59.

[illegible] [Production of ethylene by the pyrolysis of crude oil] Poluchenie etilena pirolizom nefti. Moskva, [illegible] informatsii, 1959 [illegible]

Effective changes of improvements of industrial methods and equipment. [illegible] V. Ivanova, M. A. Mamedov, O. P. [illegible] Azerb. neft. khoz. 38 no. 10:34-[illegible] '59.

Selecting a flow sheet for petroleum rectification in primary distillation units. [illegible] Azerb. neft. khoz. 38 no. 11:32 N '59.

PETROLEUM — TRANSPORTATION

[illegible] transportation of [illegible] petroleum in [illegible] A. [illegible] [illegible] V. I. [illegible] Trudy MNI no. 20:[illegible] '57.

PETROLEUM AS FUEL

Combustion of high viscosity fuel oils with the VNII-NP 102 additive. V. P. [illegible] [illegible] khim. inform. [illegible] '59.

Effect of the chemical composition of the T-1 fuel on its thermal stability. IA. B. Chertkov, V. N. Zrelov. Azerb. neft. khoz. 38 no. 10:39-40 O '59.

Effectiveness of heavy stock feeding to catalytic cracking reactor tops. V. M. Kramskoi, M. A. Goncharova, R. I. [illegible] Azerb. neft. khoz. 38 no. 10:36-38 O '59.

[illegible] quality and high grade open hearth steels with [illegible] fuel [with summary in English]. V. P. [illegible] and others. [illegible] '59.

Using fuel oils with a high water content and fuel oil sludge as boiler oil. L. A. Tuv, [illegible] M. Ioff, F. L. Rabav[illegible] Neft. khoz. 37 no. 12:41-49 D '59.

PETROLEUM CHEMICALS

Borodkin, V. F. [Silk from wood, paints from petroleum] Shelk - iz dereva, kraski - iz nefti. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 72 p.

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PHENOLS (Continued)

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PHENOLS—PHYSIOLOGICAL EFFECT

[illegible]

PHENOTHIAZINE

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PHENOXAZINE

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PHENOSIDE

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PHEOPHYTIN—OPTICAL PROPERTIES

Optical properties [illegible]

PHLOGISTON

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PHILOLOGY

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PHOSPHORUS—ANALYSIS

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PHOSPHORUS CHLORIDE

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PHOSPHORUS—[illegible]

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PHOSPHORUS—METABOLISM

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PHOSPHORUS ORGANIC COMPOUNDS [illegible]

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PHOTOGRAPHY — FILMS

[illegible]

PHOTOGRAPHY — INSTANTANEOUS

[illegible]

PHOTOMETRY (Continued)

Sapozhnikov, R.A. [illegible] of light intensity [illegible] energ. [illegible]

Use of the [illegible]

PHOTOMETRY, [illegible]

Parakhin, [illegible] metry with light filters [illegible] 1956 [illegible] A.M. [illegible]

PHOTOMICROGRAPHY

Microfilm [illegible]

PHOTONS

[illegible]

PHOTONS [illegible]

PHOTOPERIODISM

[illegible]

PHOTOCHEMISTRY

[illegible]

PHOTOSYNTHESIS

[illegible]

PHOTOTELEGRAPHY

[illegible]

PHTHALAZINE

Synthesis of [illegible]

PHTHALOCYANINE

Phthalocyanine [illegible]

PHYSICAL EDUCATION AND TRAINING

[illegible]

For a new [illegible]

"Problems of [illegible]" M. M. [illegible] '60

Strengthen the [illegible]

[Theory of physical education [illegible]]

The year 1960 [illegible]

PHYSICAL EDUCATION AND TRAINING [illegible] RAPHY see [illegible] and training

[illegible]

PIPE JOINTS
Simple method for [illegible]
[illegible]

PIPE MILLS
[illegible]

PIPELINES
[illegible]

PLANTS, EFFECT OF RADIOACTIVITY ON

Biological effect of nuclear radiation on plants. V. K. Karapetian. Agrobiologiia no. 1 82-85 Ja-F '60.

Protecting plants from ionizing radiation. L. P. Breslavets, Z. F Mileshko. Priroda 49 no 5 50-53 My '60.

PLANTS, EFFECT OF SALT ON

Growing conditions of juniper and thuja in saline seashore soils. I A Krupenikov, O G Sneintsis. Trudy OGMI no 18 59-68 '59.

PLANTS, EFFECT OF TEMPERATURE ON

Ecological characteristics of light assimilation by plants in the North. A. A. Shakhov, S. A. Stanko, A. I. Korovin. *Izv. Kar. i Kol'. fil. AN SSSR* no. 4·54-67 '59.

Effect of temperature conditions on the development of the grapevine at different stages of the growing period in the Odessa region A V Suchkova Trudy OGMI no. 18 69-75 '59.

PLANTS, EFFECT OF WATER ON

Vegetation in the periodic inundation zone of Rybinsk Reservoir in the region of the village of Borok T B Tomilina Bot zhur 45 no 1 71-77 Ja '60

PLANTS, EFFECT OF X RAYS ON

"Radiation sickness" in plants [with summary in English] I M Vasil'ev Zhur ob biol 21 no 1 12-19 Ja-F '60

PLANTS, ORNAMENTAL see subdivision under Altai Mountains

PLANTS, PROTECTION OF

Botanical gardens of the Ukraine and their objectives in the protection of nature S S Kharkevych Trudy Bot sada AN URSR 6 45-54 '59

PLANTS, SEX IN

Activity of oxidizing enzymes in some dioecious plants V I Ostapenko Bot zhur 45 no 1 114-116 Ja '60

PLANTS, SPACE ARRANGEMENT OF

Effect of checkrow planting and cross cultivation on technical and economic indices of sugar beet growing. V. I. Antipov. Trudy KIMESKH 3·189-198 '59.

Effect of checkrow planting on the formation of sugar beet yields. N. IA. Ignatova. Trudy KIMESKH 3 199-211 '59.

Even distribution of plants in hills F T Honcharenko, O P Terekhov Dop UASHN 3 no 1·51-54 Ja-F '60

Methods of sowing buckwheat in steppe regions of the Ukraine. E A Kozhemiachenko Trudy OGMI no 18 43-46 '59

Microclimate in the herbage of a corn field and its relation to different planting methods N IA Shevchenko, D. P. Bilyk. Trudy OGMI no. 18 29-41 '59.

Using narrower interrows in the checkrow planting of sugar beets. F O *Mykhailenko Visnyk sil'. hosp nauky* 3 no 2 26-28 F '60

PLASMA (IONIZED GASES)

Convective instability of a plasma column [with summary in English] B. B. Kadomtsev Zhur. eksp. i teor. fiz. 37 no. 4:1096-1101 O '59.

Determining the electric potential of bodies in a plasma. IA. M. Shvarts Isk. sput Zem no. 4 161-164 '60

Equilibrium of a ring-shaped *plasma in a magnetic field* [with summary in English]. V. D. Shafranov. Zhur. eksp. i teor. fiz. 37 no. 4:1088-1095 O '59.

Excitation of electromagnetic oscillations in plasma by an electron beam V. L. Bulat. Uch. zap. MGZPI no. 3: 240-251 '59.

Radiation energy losses in a gas discharge plasma. V. D. Kirillov. Zhur. eksp. i teor. fiz. 37 no 4,1142-1144 O '59.

Simple method for calculating mean radiation ranges in ionized gases at high temperatures [with summary in English]. IU. P. Raizer. Zhur. eksp. i teor. fiz. 37 no. 4:1079-1083 O '59.

Sobolev, N. N., ed. [Optical pyrometry of plasma; collection of articles] Opticheskaia pirometriia plazmy, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 438 p.

Some problems of the dynamics and heating of a conducting medium in a magnetic field [with summary in English]. G. S. Golitsyn. Zhur. eksp. i teor. fiz. 37 no. 4:1062-1067 O '59.

PLASTERING

(see also subdivision under Czechoslovakia)

All-purpose plastering gauge. G. Petrov. Stroitel' no. 1: 27 Ja '60.

PLASTERING—EQUIPMENT AND SUPPLIES

(see also subdivision under United States)

All-purpose compressionless sprayer. G. I. Petrov. Transp. stroi. 9 no. 12:55 D '59.

Mobile plastering plant. Rats. i izobr. predl. v stroi. no. 12·39-42 '59.

PLASTIC BEARINGS

Powder metal products and nylon plastics used in friction units of agricultural machines. V. S. Kreshchik, O. G. Klimenko, A. V. Tiratsuian. Mashinostroitel' no. 2: 31-32 F '60

PLASTIC PIPE see Pipe, Plastic

PLASTIC SURGERY see Surgery, Plastic

PLASTICITY

Gubkin, S. I [Plastic deformation of metals] Plasticheskaia deformatsiia metallov Moskva, Gos nauchno-tekhn. izd-vo lit-ry.

Vol 2 [Physicochemical theory of plasticity] Fiziko-khimicheskaia teoriia plastichnosti. 1960. 416 p

Improving the plasticity of textured silicon steel. IA S Shvartsbart Metalloved i term obr met no 2·11-13 F '60

The postulate of isotropy in the theory of plasticity. D D. Ivlev. Izv. AN SSSR. Otd tekh. nauk. Mekh. i mashinostr. no. 2 125-127 Mr-Ap '60.

Prager, William. [Problems in the theory of plasticity. Translated from the German] Problemy teorii plastichnosti. Pod red. E. I. Grigoliuka. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 136 p.
(RPB)

PLASTICIZERS

ANAZ, a new plasticizer Sh A Mamedov, A S Rzaev, I L Nizker Khim prom no 7 580-582 O-N '59.

Plasticizers for the plastic leather "M," V. I. Alekseenko and others. Kozh.-obuv. prom. 2 no 2·16-20 F '60.

Problems in the plasticization of polymers. V. A. Voskresenskii, L M Kozlov Zhur prikl khim 33 no. 1· 191-195 Ja '60

PLASTICS

(see also subdivision under Kazakhstan)

Boatbuilding of plastic materials in foreign countries [from "Journal de la *Marine Marchande*" January 1959]. T Piarin Rech. transp. 19 no. 1 52-54 Ja '60

Bobrynin, B. N. [Nonmetallic materials and their working by pressure] Nemetallicheskie materialy i ikh obrabotka davleniem. Pod red. I I. Changli. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 94 p. (Sovetskoe mashinostroenie v 1959-1965 g. g.)

Effective use of plastic materials in the chemical machinery industry. V Boholiubov, V. Kalechyts'. Ekon Rad. Ukr no. 6 48-53 N-D '59.

History of the utilization of plastic materials in construction and architecture. S. V. Beliaev, A. P. Voinov. Sbor. nauch trud. Bel. politekh. inst. no. 81 61-79 '59.

Investigational and testing methods for the physical and mechanical properties of plastics. Zav. lab 26 no. 1· 3-6 '60.

IUdin, L. G., and V. F. Preis. [Plastics and their use in the machinery industry] Plastmassy i ikh ispol'zovanie v mashinostroenii. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 108 p.

Lamba, K. D. [Use of plastics in coal mining] Primenenie plasticheskikh mass v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 79 p.

Moiseev, A. A., V. V. Pavlov, and M. IA. Borodin, eds. [Foamed plastics] Penoplastmassy, sbornik statei. Moskva, Gos. nauchno-tekhn izd-vo, oborongiz, 1960 182 p

New experimental unit for investigating the performance of plastic gear wheels L. P Devin. Trudy NPI 46. 102-110 '58

Plastic films for coating of furniture. A. M. Strongin, V. L. Lepshelevich, T. N. Mekhtieva. Der. prom. 8 no. 12 17-18 D '59.

The use of plastic materials in building. B. Hors'kyi, L. Bezhenutsa. Nauka i zhyttia 8 no. 11·11-15 N '58

Using air supported elements in construction. M. A. Plakida. Nov. tekh. mont. i spets. rab. v stroi. 22 no. 1:29-31 Ja '60.

Using plastics in forest nurseries E. F. Linnik Les. khoz 12 no. 1 78-80 Ja '60

PLASTICS—CONGRESSES

London convention on plastics. N. A. Plate. Vysokom. soed. 1 no. 11 1745-1748 N '59.

PLASTICS—EXHIBITIONS see subdivision under Düsseldorf

PLASTICS—MOLDING

Air replacing presses. IUn. tekh. 4 no. 1:16-17 Ja '60.

Using caprons in making parts for the rolling stock of the electric transportation system V TSekov Zhil.-kom khoz 10 no 2 11-13 '60

Using plastics in the *manufacture of agricultural* machines. R. I. Frenkel', IU. E. Val'vachev. Mashinostroitel' no. 2·33 F '60.

Wear resistance and antifriction properties of nylon. P. T. Basko, G. A. Bobrovnikov. Izv. vys. ucheb. zav.; tekh leg. prom. no. 6:106-113 '59.

PLASTICS—TESTING

Answers to the inquiry concerning the determination of the physical and mechanical properties of plastics. E. V. Kuvshinskii and others. Zav. lab. 26 no 1:7-28 '60.

Methods of testing the dielectric strength and specific resistance of plastics. P. N. Shcherbak, B. I. Sazhin. Zav. lab. 26 no 1·79-81 '60.

Modern methods of testing the specific inductive capacitance and the tangent of the angle of dielectric losses of plastics Zav lab. 26 no. 2·188-192 '60.

PLASTICS—WELDING

Welding of plastics. N. A. Sluchanko. Stroi. truboprov. 4 no. 12 11-13 D '59.

Welding of rigid thermoplastic high polymers Part 1. Effect of welding conditions on the welding process [with summary in English]. N. A. Grishin, S. S. Vo[illegible]tskii. Vysokom. soed. 1 no. 12 1779-1787 D '59

Welding of rigid thermoplastic high polymers. Part 3 Effect of the properties of the polymers on the weld [with summary in English]. N. A. Grishin, S. S Vo[illegible]tskii. Vysokom. soed. 1 no 12 1788-1794 D '59

PLATE TOWERS

Heat transfer through coil pipe walls under bubbling conditions. A. G. Kasatkin, D. M. Popov, IU. V. Aksel'rod. Khim prom. no. 7·622-624 O-N '59.

Mass transfer in the liquid phase in bubble plate columns. A N Planovskii, D. S. Artamonov, O. S. Chekhov. Khim. mash. no. 1·13-16 Ja '60.

PLATINUM—ANALYSIS

Separation of tellurium from platinum and nonferrous metals by means of a cationite N P. Strel'nikova, G G Lystsova Zav. lab. 26 no 2:142-144 '60

PLATINUM COMPOUNDS

Geometric isomerism of diamminotetrahydroxoplatinum (IV) I I. Cherniaev, N. N. Krasnovskaia Zhur. neorg. khim 5 no 1:39-47 Ja '60.

Hydrazine compounds of platinum including ethylene and its analogs. N. G. Kliuchnikov, R. N Savel'eva Zhur neorg khim 5 no 1:219-221 Ja '60

New data on complexes of divalent platinum with glycocoll L. M Volshtein, I. O Volodina Zhur neorg khim 5 no 1:35-38 Ja '60

PLATINUM ELECTRODES see Electrodes, Platinum

PLAY

Children of a mixed group are playing. N. P. Ivanova. Doshk. vosp. 33 no. 3·37-40 Mr '60.

Here children have fun. E. P. Shirinova, V. I. Grdina, S. F. Mineeva. Doshk. vosp. 33 no. 3 44-50 Mr '60.

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

G. V. Plekhanov's work "Outline history of materialism." I. S. Belen'kii. Nauch. dokl. vys. shkoly, filos. nauki no. 4:155-166 '59.

Problems of the theory of knowledge in G. V. Plekhanov's philosophical works N. T Sorokina. Trudy GPI 14 no 4 128-151 '58

PLEURISY

Clinical aspects and treatment of pleuritis. E. I. Sh[illegible]v. Fel'd. i akush. 25 no. 2:25-29 F '60.

PLIERS

Modernized pliers M. Cherkashina. Stroitel' no 2 [illegible] F '60

PLOWING see subdivision under Odessa Province, Volga Valley

PLOWS

First electric plows in the U. S. S. R. V. V. Kozhukov. Trudy Inst. ist. est. i tekh. 28:116-135 '59.

Horse-drawn plow for preparing planting sites IA P Aleur Les khoz 12 no 1 61 Ja '60

Silicate plowshare. I. N. Bobkov. Trakt. i sel'khozmash. 30 no. 2:27-28 F '60.

VP-2 mounted plow. G. B. Klimov, S. S. Khlopotin, G. A. Lariukhin. Les. khoz. 12 no. 2:60-61 F '60.

PLUMBING—REPAIRING see subdivision under Leningrad

PLUMS

Production of juice containing plum pulp at the Novo[illegible] cannery. A N. Samsonova, N. D. Popov, N G Vatkova Kons. i ov prom. 15 no. 1:13-14 Ja '60.

PLURALITY OF WORLDS

Is there life on other planets? H. Cuny. V zashch mira no. 103:78-88 D '59.

PLUTONIUM

Oxidation - reduction potentials of plutonium in acid solutions of various ionic strength. O. L. Kabanova, P. N Palei. Zhur. neorg. khim. 5 no 1:31-34 Ja '60

PLUTONIUM—PHYSIOLOGICAL EFFECT

Effect of plutonium on the amount and synthesis of nucleic acids in certain tissues of the rabbit [with summary in English]. V. V. Konstantinova, R. F. Libinzon. Biokhimiia 24 no. 6:974-981 N-D '59

PLYWOOD

Raw material consumption in the manufacture of plywood. V. S. Mareev. Der. prom. 8 no. 12:8-11 D '59.

Tests with laminated glued wooden arches and what is learned from the accidents with laminated glued ceiling elements of industrial buildings. I. M. Vetriuk. Sbor. nauch. trud. Bel. politekh. inst. no. 70·61-74 '59.

UMATIC MACHINERY [illegible]

UMATIC TOOLS [illegible]

UMATIC TUBE [illegible]

UMONIA [illegible]

[illegible]

POLAROGRAPH

[illegible]

POLAROGRAPHY

[illegible]

POLYMERS (continued)

Mechanism of formation [illegible] [with summary in English] [illegible]

Nikolaev, L. A. [illegible] technical importance [illegible]

Numerical [illegible] tion of polymers [illegible]

Polymerization [illegible]

Polymers with [illegible]

Polymers with [illegible] chains. Part [illegible]

Polymers with [illegible] chains. Part [illegible]

Preparation [illegible]

Problems [illegible]

[illegible]

POLYMERS [illegible] Polymers

POLYMERS [illegible]

POLYMERS [illegible]

POLYMERS [illegible]

[illegible]

POTASSIUM CYANIDE

[illegible] problems in the synthesis of tagged compounds. A. P. [illegible] and others. Radiokhimiia 1 no.6 [illegible] '59

POTASSIUM HYDROXIDE

Interaction between the solid phase of UO_4H_2O and sodium and potassium hydroxide solutions. A. M. Gurevich, L. P. Polozhenskaia. Zhur. neorg. khim. 5 no 1· 175-179 Ja '60

POTASSIUM IN THE BODY

Penetration of potassium and sodium ions into a single muscle fiber in certain physiological states [with summary in English]. L. A. Voronova. Fiziol. zhur. 45 no 11 1353-1358 N '59

POTASSIUM NITRITE

Some improvement in the microcrystalloscopic detection of potassium in the form of triple potassium, copper, and lead nitrite [with summary in English]. A. V. Pavlinova, M. V. Korotun, A. E. Protsenko. Zhur. anal. khim. 15 no 1 124 Ja-F '60

POTASSIUM PHOSPHATE

Electric conductivity of very dilute Na_2HPO_4 and K_2HPO_4 solutions [with summary in English]. B. P. Tatarinov, V. I. Iursenko. Zhur. fiz. khim. 34 no 1 135-137 Ja '60.

POTASSIUM SALTS

Distribution of bromium in the rock salt of the Angara-Lena Salt Basin and the possibility of potassium salt detection [with summary in English]. V. S. Ogienko. Geokhimiia no.8 721-726 '59.

POTASSIUM SULFATE

Equilibria and solid phases in the quaternary system K_2SO_4 - Cs_2SO_4 - $Al_2(SO_4)_3$ - H_2O at 25°. L. A. Khripin. Zhur. neorg. khim. 5 no 1·180-189 Ja '60

Interaction between potassium chloride, potassium metaborate, and potassium sulfate in a melt. I. IA. Fedoseev. Trudy VGU 57·39-45 '59

POTATO see subdivision under Volga-Don Canal region

POTATO BEETLE—DISEASES AND PESTS

Destroyers of the Colorado beetle. B. V. Iakovlev. Priroda 49 no.5·35-43 My '60

POTATO CHIPS

Technology of the preparation of potato chips (from "La Revue de la Conserve de France et de l'Union Francaise," no 1 1959). A. G. Kiklevich. Kons. i ov. prom. 15 no 2 42-43 F '60

POTATO DIGGER (MACHINE)

Investigating the performance of vibrating plowshares of potato harvesters. T. T. Kusov. Trakt. i sel'khozmash. 30 no.2 23-25 F '60.

POTATO WART

Vital processes in dormant zoosporangia of Synchytrium endobioticum (Schilb.) Perc. N. N. Vladimirskaia. Bot. zhur. 45 no 1 97-104 Ja '60

POTATOES—FERTILIZERS AND MANURES

Effect of fertilizers on the productivity of early Epron potatoes and midseason and late Lorch potatoes. L. I. Horielkin. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no 2 95-104 '54

Effect of organomineral fertilizers on vegetable and potato yields. A. M. Kopanitsa. Agrobiologiia no.1: 99-102 Ja-F '60.

POTATOES—STORAGE

Use of atomic energy for the year-round storage of potatoes. L. V. Metlitskii. Kons. i ov. prom. 15 no 1 29-33 Ja '60

POTENTIOMETER

Contactless d. c. automatic potentiometer with a converter based on the Hall effect [with summary in English]. V. N. Bogomolov. Avtom. i telem. 21 no.1·135-136 Ja '60.

Designing high-precision automatic d. c. potentiometers with digital recording. E. I. Tenlakov. Izv. vys. ucheb. zav., prib. no.4 38-45 '59.

POTENTIOMETRIC ANALYSIS

Amplifiers for the automatic recording of electrochemical potentials. N. I. Isaev, N. D. Tomashov. Trudy Inst. fiz. khim. no.7·96-104 '59.

Electronic potentiostat and its use in developing the structural corrosion of stainless steels. M. N. Fokin and others. Zav. lab. 26 no 2;219-223 '60.

POTTERY

(see also subdivision under Kiev)

Production of clay products. V. A. Mal'm. Trudy GIM no. 33;123-148 '59

[Russian folk ceramics] Russkaia narodnaia keramika. [Moskva, 1960] 25 p., plates.

POTTERY, GREEK see subdivision under Sevastopol region

POTTERY, PRIMITIVE

(see also subdivision under Chigirin District, Razdan Valley, Armenia, Seym Valley, Kursk Province, Tsimlyanskaya District)

Anan'ino period vessel for metal smelting. L. IA. Krizhevskaia. Krat. soob. IIMK no 77 109-111 '59.

Archaeological monuments of the Bereka River Valley. P. D. Liberov. Krat. soob. IIMK no 77 35-41 '59.

Joint expedition to the Kremenchug Hydroelectric Power Station and the archaeological excavations at Novo-Georgievsk in 1956. A. I. Terenozhkin. Krat. soob. Inst. arkheol. AN URSR no 8 3-12 '59

The Oskol expedition of 1955-1956. D. IA. Telegin. Krat. soob. Inst. arkheol. AN URSR no 8 72-79 '59

POULTRY see subdivision under Kharkov Province, Ukraine

POULTRY PLANTS see subdivision under Shadrinsk

POWDER METAL PROCESSES

Lubricants containing surface-active agents in power metal production and their stabilizing (anticorrosive) effect. V. N. Likhtman, M. L. Smolianskii. Uch. zap. MGZPI no. 3 262-273 '59.

POWDER METALLURGY

Determining the kinetics of vaporization and the vapor pressure of powdered metals. I. M. Fedorchenko, IU. B. Ermolovich. Zav. lab. 26 no 2·177-179 '60

Preparing powders of alloy elements by the diffusion saturation method. I. M. Fedorchenko, N. A. Filatova. Issl. po zharopr. splav. 4 352-359 '59

Properties of boride-base materials and other high-melting compounds. K. I. Portnoi. Issl. splav. tsvet. met. no. 2 197-204 '60.

POWER ENGINEERING

(see also subdivision under Germany, East, Hungary, Ukraine)

Basic problems in the improvement of planning and determining the operation results of electric stations and power engineering systems. I. V. Gofman, V. I. Savashinskaia. Trudy LIEI no. 29,5-24 '59.

Basic regulations on methods used in making technical and economical calculations in power engineering. Prom. energ. 15 no. 2 12-45 F '60

Brief information concerning power engineering of some countries in 1958. D. B. Vol'fberg. Energokhoz. za rub. no 1 13-46 Ja-F '60

Decisions taken should be carried out. S. Komarov. NTO 2 no. 2·34 F '60.

Discussing L. A. Melent'ev and E. O. Shteingauz's book "Power engineering economics in the U. S. S. R." V. I. Lapitskii, B. I. Shvorin. Elek. sta. 31 no. 1;92-93 Ja '60.

For successful accomplishment and over-fulfillment of the plan for 1960, the second year of the seven-year plan. Energetik 8 no. 1 5-8 Ja '60.

From professional journals. Prom. energ. 15 no 2 54 F '60

In international power engineering organizations. Energokhoz. za rub. no. 1 47-48 Ja-F '60.

Measuring the relative increase of power installations. E. B. Akhundov, V. S. Kakhanovich. Elek. sta. 31 no. 2 38-41 F '60.

Operating conditions of power systems and static load characteristics. S. A. Motygina. Elek. sta. 31 no. 2; 56-59 F '60.

Power engineers mobilize resources. NTO 2 no. 2;56-57 F '60.

Problem of the use of Bashkiria coal for power engineering purposes. N. F. Rysakov, G. K. Rubtsov. Izv. vys. ucheb. zav., energ. 2 no. 12:77-84 D '59.

Problems of organizing dispatcher control of power systems. V. F. Drutskii, B. S. Uspenskii. Elek. sta. 31 no. 1 90-91 Ja '60.

The reader is waiting ("Power engineering in industry"; textbook. Reviewed by M. A. Babikov. Nauka i zhizn' 27 no. 1:74 Ja '60.

Some problems in methods for working out power balances and in determining the technical and the efficiency indices of factory heat and electric power plants which utilize secondary resources of power. V. A. Polianskii. Trudy LIEI no. 29;50-68 '59

Tasks in the further perfecting of control in power engineering. R. IA. Bril'. Trudy LIEI no. 29;25-31 '59.

Unifying the system of indicators characterizing the perfection of the operating processes in power engineering systems. D. P. Gokhshtein. Trudy Inst. tepl. AN URSR no. 10,41-46 '53.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—CONGRESSES

All-Union Conference on Power Engineering. V. IU. Steklov. Gidr. stroi. 30 no. 1·57-61 Ja '60.

All-Union Conference on Power Engineering Construction. Elek. sta. 31 no. 2·92-94 F '60.

All-Union Conference on Power Engineering Construction. V. K. Energetik 8 no 1 38-39 Ja '60.

POWER PLANTS, ELECTRIC see Electric power plants

POWER PRESSES

Aristov, G. G. [Molder and press operator in the manufacture of refractory materials] Formovshchik-pressovshchik ogneupornykh izdelii. Izd. 2., perer. i dop. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 208 p.

Automatically controlled pneumatic press for making molds to be used in precision casting. N. A. Gerasim[illegible]. Stroi. i dor. mashinostr. 5 no 1 28-30 Ja '60

Effect of matrix material and of its finishing on the extrusion of macaroni dough. IU. A. Machikhin. Izv. vys. ucheb. zav., pishch. tekh. no. 6·106-111 '59.

Horizontal screw presses for dismantling excavator units. Rats. i izobr. predl. v stroi. no. 12·71-73 '59

Mounted and portable switch boards for mechanical presses (from foreign publications). V. I. Gal'perin. Kuz.-shtam. proizv. 2 no. 1 45-46 Ja '60.

Quality of GMP presses. A. IA. Itskovich, V. IA. Pernevek. Khleb. i kond. prom. 4 no 1·38 Ja '60

Turret feed with individual drive. S. L. Zolotnikov, B. G. Mitnitskii. Kuz.-shtam. proizv. 2 no. 1 38-40 Ja '60.

POWER RESOURCES

Power resources of the world ("Energy, its sources and origins" by P. P. Lazarev). Znan. sila 35 no. 1;40 Ja '60.

POWER TOOLS

Improve the design of electric drills. V. I. Figarin. Mekh. i avtom. proizv. 14 no. 2 37 F '60.

POWER TRANSMISSION

To increase the motive power potential of ZDG engines is an urgent task. M. Pronin. Rech. transp. 19 no. 1 23-25 Ja '60.

POZNAN (POLAND)—MOTORBOAT RACING

At the Malta Lake. IU. Emel'ianov, V. Zhitov. Za rul. 18 no. 1;29 Ja '60.

PRACTICE TEACHING see Student teaching

PRAGMATISM

New critical evaluation of pragmatism ("Gnosiology of present-day pragmatism" by G. A. Kursanov. Reviewed by G. D. Sul'zhenko, V. V. Kukshanov). Vop. filos. 14 no. 5·172-175 '60.

PRAGUE—LIBRARIES

Development of open access in the Central Public Library in Prague, translated from the Czech. Rudolf [illegible]. Bibliotekoved. i bibl. za rub. no. 3·78-81 '59.

Recent developments in science and techology. Nauka i zhyttia 8 no. 4·53 Ap '58

PRASEODYMIUM OXIDE—MAGNETIC PROPERTIES

Characteristics of magnetic hysteresis phenomena in the systems $Pr_2O_3 \cdot Fe_2O_3$ and $La_2O_3 \cdot Fe_2O_3$. K. P. Belov, M. A. Zaitseva, A. M. Kadomtseva. Zhur. eksp. i teor. fiz. 37 no. 4;1159-1161 O '59.

PRAVDIN, IVAN FEDOROVICH, 1880-

Professor Ivan Fedorovich Pravdin. Izv. Kar. i Kol'. fil. AN SSSR no. 4·3-8 '59.

PRECARIUM see subdivision under Switzerland

PRECAST CONCRETE

Develop and improve the manufacture of precast reinforced concrete. Bet. i zhel.-bet. no. 1:1-3 Ja '60.

Expansion of mechanization and automation in producing precast prestressed reinforced concrete construction elements. V. V. Mikhailov. Bet. i zhel.-bet. no. 1,4-11 Ja '60.

Intensifying temperature conditions in casting reinforced concrete products in molds. D. A. Mikhanovskii, A. S. Shteinberg. Bet. i zhel.-bet. no. 1:31-33 Ja '60.

Objectives in the production and use of autoclave-hardened and other products in precast construction. A. V. Volzhenskii. Stroi. mat. 6 no 1;17-20 Ja '60

Technical and economic analysis of methods for making precast reinforced concrete products. D. N. Zvorykin. Bet. i zhel.-bet. no. 1;19-22 Ja '60.

PRECAST CONCRETE—STORAGE

Buildings for storing cement and precast reinforced concrete. M. Smekhov, L. Pokrass. Stroi. i arkhit. 8 no. 1;19-20 Ja '60.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Liebenau, Germany; Stalingrad)

All-Union conference on lowering costs of precast reinforced concrete construction elements. Bet. i zhel.-bet. no. 1;47-48 Ja '60.

Architectural forms of large-element buildings. S. Vasil'kovskii. Arkhit. SSSR no 1,57-62 '60.

Assembling frameless large-panel buildings using special jigs. K. N. Solovarov. Izv. vys. ucheb. zav., stroi. i arkhit. no. 8 118-125 '59.

Beliaev, A. V., and M. G. Tolstoi. [Assembling precast reinforced concrete elements] Montazh sbornykh zhelezobetonnykh konstruktsii. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 298 p.

CONCRETE [illegible]

[illegible]

PROBATION

[illegible]

PRODUCT TRADE

[illegible]

PRODUCTION CONTROL

[illegible]

[illegible]

PROGRAMMING (ELECTRONIC COMPUTERS)

[illegible]

[illegible]

PROJECTIVE GEOMETRY see Geometry, Projective

[illegible]

[illegible]

PROOFREADING

[illegible]

PROPAGANDA

[illegible]

[illegible]

PROPELLER

[illegible]

PROPELLERS, AERIAL

[illegible]

PROTEINS (Continued)

Method of hydrolysis of protein preparations in a comparative analysis of their amino acid composition [with summary in English]. IU. B. Gilippovich Vop. pit. 19 no 1:72-73 Ja-F '60.

Methods of increasing the protein content of annual forage crops [with summaries in English, German, and French]. M. P. Elsukov, A. I. Tiutiunnikov. Vest sel'khoz. nauki 5 no. 1:36-44 '60.

Solubilization effect and the configuration of protein molecules in solution [with summary in English]. V. A. Pchelin, V. N. Izmailova, N. I. Seraia. Vysokom. soed. 1 no 11 1617-1624 N '59.

Some features of modifications in nucleic acids and proteins in the early embryogenesis of animals [with summary in English] P V. Makarov. Trudy LSGMI 43 7-14 '59

Stability of some peptide N-glucosides and proline N-glucoside aqueous solutions [with summary in English] V. E. Kalis, E. D. Kaverzneva. Biokhimiia 34 no 6 1026-1032 N-D '59

Studies on "valence" of antibodies with the aid of azoproteins [with summary in English]. A I Nikolaev Biul eksp biol i med 48 no. 12:79-84 D '59

PROTEUS

Relation of the results of the Weil-Felix reaction to agglutination properties of Proteus strains [with summary in English] V. I. Bondarenko. Zhur mikrobiol epid i immun 30 no. 12 15-21 D '59

PROTONS

Overhauser effect and related phenomena. G. R. Khutsishvili. Usp fiz. nauk 71 no. 1 9-69 My '60.

PROTONS—SCATTERING

Elastic scattering of a proton on a proton at an energy of 8.5 BeV [with summary in English]. V. B. Liubimov and others. Zhur. eksp. i teor. fiz. 37 no. 4:910-916 O '59

PROTOPLASM

Review of D. N. Nasonov's "Local protoplasm reaction and spreading excitation." E. K. Zhukov. TSitologiia 2 no. 1:99-100 Ja-F '60.

PROTSENKO, DMITRII FILIPOVICH, 1899-

D. F. Protsenko, on his 60th birthday. I. P. Bilokin' and others. Ukr. bot. zhur. 16 no. 6:101-103 '59.

Dmitrii Filippovich Protsenko, on his 60th birthday I P Belokon', S. IA Mininberg, L K. Polishchuk Bot zhur 45 no 1 157-158 Ja '60

PROVERBS

Badaev, TS. B. [Russian-Buryat dictionary of equivalent proverbs and sayings] Slovar' russko-buriatskikh adekvatnykh poslovits i pogovorok. Ulan-Ude, 1959. 177 p. [In Russian and Buryat.]

PROVERBS, BURYAT

Badaev, TS. B. [Russian-Buryat dictionary of equivalent proverbs and sayings] Slovar' russko-buriatskikh adekvatnykh poslovits i pogovorok. Ulan-Ude, 1959. 177 p. [In Russian and Buryat.]

PROPANEDIOL

Reactions of p-halobenzenesulfonamides with glycide, and with glycerol α-chlorohydrin N P. Strepetov. Trudy VGU 57:155-167 '59.

PROPERDIN

Dynamics of the bactericidal action of blood serum and of the properdin system in various experimental animals [with summary in English]. E. Z. Rukhadze. Zhur. mikrobiol., epid. i immun. 31 no. 1:121-125 Ja '60.

PRUSSIA—FOREIGN RELATIONS—FRANCE

The beginning of Franco-Prussian treaty negotiations and the Roman question, August 1866 - January 1867. L M. Shneerson. Uch. zap. BGU no. 50:3-48 '59.

PRUSSIA—SOCIAL CONDITIONS

Economic and social structure of the early populace of Prussia between the first and fourth centuries A. D. V. N Pertsev Uch. zap. BGU no. 50:63-81 '59.

PRZEWORSK, POLAND—SUGAR MANUFACTURE

At the Polish Przeworsk Sugar Factory. A. I. Ivashin, N. I. Daniliak, V. I. Chopik. Sakh. prom. 34 no. 1:68-70 Ja '60.

PRZHEVAL'SKII, NIKOLAI MIKHAILOVICH, 1839-1888

Scientist and traveler ("Great scout" by IAroslav Grimailo Reviewed by V. Romanenko) Nauka i zhyttia 8 no 2 60 F '58.

PSEKUPS RIVER—ALGAE

Algae of the Psekups River. I. A. Kiselev. Trudy Zool. Inst. 26:422-426 '59.

PSEKUPS RIVER—BACTERIOLOGY

Microbiological studies of the Kuban and Psekups Rivers. A. G. Rodina. Trudy Zool. Inst. 26:414-421 '59.

PSEKUPS VALLEY—DAPHNIA

Observations of Daphnia Basins at the Vimba-Bleak Hatchery. A. G. Rodina, L. A. Kutikova. Trudy Zool. Inst. 26:427-438 '59.

PSEKUPS VALLEY—FISH CULTURE

Chemical analysis of the Psekups River and ponds in Krasnodar Territory in connection with fertilization. N. G. Ozeretskovskaia, N. F. Smirnova. Trudy Zool. Inst. 26:96-128 '59.

PSEKUPS VALLEY—FISH PONDS

Bottom fauna of ponds of the Vimba-Bleak Hatchery and modifications induced by fertilization. V IA. Pankratova. Trudy Zool. Inst. 26.296-346 '59.

Effect of mineral fertilizer on the development of phytoplankton in experimental ponds at the Vimba-Bleak Hatchery in the summer of 1953. N. N. Khmeleva, L. I. TSvetkova. Trudy Zool. Inst. 26 250-256 '59.

Phytoplankton of ponds of the Vimba-Bleak Hatchery. I. A Kiselev. Trudy Zool. Inst. 26 220-249 '59.

Zooplankton of ponds of the Vimba-Bleak Hatchery. N. A. Akatova. Trudy Zool. Inst. 26:257-295 '59.

PSEKUPS VALLEY—FISH PONDS—BACTERIOLOGY

Microbiological studies of ponds of the Vimba-Bleak Hatchery (work for 1951-1953). A. G. Rodina. Trudy Zool. Inst. 26 129-219 '59.

PSEUDOIONONE

Cyclization of pseudoionone and citral analogs. S. M. Makin, V. B. Mochalin, D. V. Nazarova. Zhur. ob. khim. 30 no. 5 1471-1476 My '60

PSEUDOMONAS

Chemotherapy of diseases caused by pyocyanic bacteria. E. N. Ivanova. Zdrav Belor. 5 no. 1:45-46 Ja '60.

Controlled induction of antitumor properties in bacteria [with summary in English] I I Oleinik, V N IAgodinskii Biul eksp biol i med 48 no 11 86-89 N '59

PSEUDORABIES

Effect of Aujesky's disease on pathological and anatomical changes in the organs of suckling pigs. A I. IAtsyshyn, K. P. Nastenko, H D. Pavlieva Visnyk sil' hosp nauky 3 no. 2 91-92 F '60.

PSKOV GOVERNMENT—HISTORY

Pskov (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Revolutionary movement in the Pskov Government from 1905 to 1907, a collection of documents] Revoliutsionnoe dvizhenie v Pskovskoi gubernii v 1905-1907 gg., sbornik dokumentov. [Pskov] Izd-vo gazety "Pskovskaia pravda," 1956. 296 p.

PSKOV PROVINCE—ATHEISM

Our experience in promoting atheism. V. V. Gordeev. Nauka i rel. no. 4:80-82 D '59.

PSKOV PROVINCE—COLLECTIVE FARMS

The collective farm rouble. P. Shelest Zvezda no. 11: 132-141 N '59

PSTRAK, IAROSLAV VASIL'EVICH, 1878-1915

A word about an artist. Grigorii Litvak. Sov. Ukr. 9 no. 8:184-186 Ag '59.

PSYCHIATRY

Portnov, A. A., and D. D. Fedotov. [Textbook on psychiatry] Uchebnik psikhiatrii. Moskva, Gos. izd-vo med. lit-ry, 1960. 355 p.

PSYCHOANALYSIS see subdivision under United States

PSYCHOLOGY, MILITARY

Lukov, G. D. [Psychology; essays on problems in the training and education of Soviet troops] Psikhologiia, ocherki po voprosam obucheniia i vospitaniia sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 254 p.

PSYCHOLOGY OF LEARNING see Learning, Psychology of

PSYCHOSES

Clinical and experimental study of the emotional sphere of patients with reactive psychoses. L. A. Lipskaia. Trudy Inst. fiziol. 8:465-490 '59.

Marantic form of Basedow's disease with psychosis of the amential type and Basedow's coma [with summary in English]. I. B. Galant. Probl. endok. i gorm. 5 no. 5: 65-66 S-O '59.

PSYCHROMETERS see Hygrometry

PUBLIC BUILDINGS

(see also subdivision under Moscow)

Large-scale planning of microdistricts and problems in designing public buildings A Pozharskii Arkhit SSSR no 2 6-9 '60

PUBLIC HEALTH

(see also subdivision under Brest Province; Bryansk Province; Chelyabinsk Province, Chernovtsy Province; China; Kalinin Province; Korea, North; Lubny District; Lvov Province, Mary; Moldavia, Ossetia, Smolensk Province, Ukraine, Vietnam, South, White Russia)

Brief news. Gig. i san. 25 no. 1:124-125 Ja '60.

From the editors. Sov. med. 24 no. 1:3-4 Ja '60.

The health of the people is a national affair. Zdorov'e 6 no. 3:1-2 Mr '60.

Improvement of medical care and health protection in the U S S R Zdrav Belor 6 no 3 78 Mr '60

Measures for the further improvement of medical care and public health protection in the U. S. S. R. Zdrav. Ros. Feder. 4 no. 2 3-10 F '60

Measures for the further improvement of medical service and health care in the U. S. S. R Zdrav Tadzh 7 no 1:3-10 Ja-F '60

Method for determining requirements for medical personnel from 1959 to 1965 [with summary in English] G. A. Popov. Sov. zdrav. 19 no. 2 15-25 '60.

National economic plan in relation to public health in 1960 A L Doroshinskii Zdrav Belor 6 no 3 3-4 Mr '60

On measures for a further improvement in medical service and health protection of the people of the U S. S. R Sov. zdrav. 19 no. 2 3-10 '60.

"Organization and methods of work of public health agencies" by G. N. Beletskii. Reviewed by O. G. Riabyshenko. Sov zdrav. 19 no. 2.89-91 '60.

Program for the further expansion of the Soviet public health system. B. M. Agaev. Azerb. med. zhur no. 2: 3-6 F '60

Third Plenum of the Council on Medical and Prophylactic Assistance. N. I. Gavrilov. Zdrav. Ros. Feder. 4 no. 1: 42-44 Ja '60.

"We grasped the main point." Kul't. i zhizn' 4 no. 1:34-37 '60.

The wrong way. I. A. Pashintsev. Sov. zdrav. 19 no. 2: 54-57 '60.

PUBLIC HEALTH—ACCOUNTING

(see also subdivision under Kharkov Province)

Centralizing accounting of public institutions. S Kachalov Bukhg uchet 17 no. 3 50-52 Mr '60

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—STATISTICS

Basic indexes of the development of the public health system in the R. S. F. S. R. Zdrav. Ros. Feder. 4 no. 2: 54-56 F '60.

PUBLIC HEALTH—STUDY AND TEACHING see subdivision under Moldavia

PUBLIC HEALTH, RURAL

(see also subdivision under Gomel District; Kletsk District; Lyakhovichi District, Brest Province; Pogoreloye District, Kalinin Province; Sirotino District, Staraya Vyzhevsk District; Tambov District, Amur Province, Uzbekistan, Vizhnitsa District; Volozhin District, Vorontsov District, Voronezh Province; White Russia; Zel'va District)

Complete the reorganization of the district link in the rural public health system. G. I. Lavrishchev. Zdrav. Ros. Feder. 4 no. 1:9-14 Ja '60.

Development of rural public health. Sov. zdrav 19 no. 2: 11-15 '60.

Evaluation of results of the reorganization of the rural public health system. V. G. Samokhvalov. Zdrav. Ros Feder. 4 no. 2:41-42 F '60.

For a higher level of medical care for rural workers. Zdrav. Ros. Feder 4 no. 2:11-14 F '60.

Immediate tasks of the rural public health service. N. I. Matveev. Med. sestra 19 no. 1:3-8 Ja '60.

Organization and carrying out of meetings and conferences in the district. E. I. Eremeev. Zdrav. Ros. Feder. 4 no. 2:23-27 F '60.

Promote the organizational work of the chief district physician. A K. Kosach Zdrav Belor. 6 no. 3 9-11 Mr '60

Subprofessional medical personnel in the organization and carrying out of prophylactic measures in the village. P. N. Matveev. Med. sestra 19 no. 1:12-15 Ja '60

PUBLIC OPINION see subdivision under Paris

PUBLIC PROSECUTORS

(see also subdivision under Rostov Province)

Follow-up of notes and letters. Sots. zakon 37 no 3 72 Mr '60

How the public prosecutors of the U S. S R. supervise the observance of legality. Sots zakon. 37 no 3.88 Mr '60

In the offices of public prosecutors, ministries of justice, and supreme courts of the Union Republics Sots zakon. 37 no 3 76-77 Mr '60

Karev, D. S. [Judicial system and public prosecution in the U. S. S. R.; a course of lectures] Organizatsiia suda i prokuratury v SSSR; kurs lektsii. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 253 p.

Let's bring to light our shortcomings and eliminate them without delay, just as Lenin would do it Sots. zakon. 37 no 3 3-6 Mr '60

New methods of work with young lawyers I Chermenskii Sots zakon. 37 no 3:68-70 Mr '60.

PUBLIC SPEAKING

Blinov, I. IA. [Speech culture] O kul'ture rechi. Izd. 3. Moskva, Gos. izd-vo polit. lit-ry, 1959. 65 p. (Bibliotechka agitatora, no. 3)

PUBLISHERS AND PUBLISHING

(see also subdivision under Ukraine)

In 25 languages I. I. Metelkin. Kul't. i zhizn' 4 no. 1: 61-62 '60.

PUERTO RICAN LITERATURE—HISTORY AND CRITICISM

Revival of national Puerto Rican culture. Jose Enamorado Cuesta. Inostr. lit. no 12'222-223 D '59.

PUGACHEV—CLOTHING INDUSTRY

In the steppes beyond the Volga. N. Fomina. Prom. koop 11 no 1,36 Ja '60.

PUGACHEV REBELLION

Class struggle of the YAik Cossacks on the eve of the peasant war of 1773-1775. A. I. Andrushchenko Ist SSSR no. 1 143-159 Ja-F '60

The fate of the Pugachev family. L. Svetlov. Moskva 3 no. 12 213-214 '59.

PUKHOVICHI DISTRICT—ORPHANS AND ORPHANAGES

Motherly care. Halina Vasileuskaia. Rab. i slal. 36 *no. 1 18-19 Ja '60.*

PULKOVO—LATITUDE VARIATION

Preliminary values of the variation of the latitude of Pulkovo from 1951 8 to 1954 4 S V Romanskaia, V I Sakharov, I F Korbut Izv GAO 20 no 1 130-131 '55

PULKOVO ASTRONOMICAL OBSERVATORY

Dedication of the restored Pulkovo Observatory A N *Dadaev* Izv GAO 20 no 1 1-13 '55

PULSE

Characteristics of the appearance and spreading of pulse-waves in the cranial cavity [with summary in English] M. G. Belekhova, A I Naumenko Biul eksp biol i med. *48 no 12 17-20 D '58.*

PULSE HEIGHT ANALYZERS

Single-channel differential amplitude analyzer. A. A. Khaidarov, M. N. Romanov, A. P. Novikov Izv. AN Uz. *SSR. Ser. fiz.-mat. nauk* no. 5'64-70 '59.

PULSE TECHNIQUES (ELECTRONICS)

Baz', G. A., and others. [Calculation of pulse systems] Raschet impul'snykh skhem. Pod red. V. G. Milenina. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 237 p.

Calculation of spiral type delay systems with a corrugated structure V A. Sliusarskii Izv vys ucheb zav.; radio tekh 2 no. 5'581-588 S-O '59.

Calculation of transient processes in coupling circuits of trigger networks. IU. A. Trunov. [Trudy] MVTU no. 2,14-20 '59.

Cathode follower in pulsed operation B N Faizulaev Radiotekhnika 15 no. 1 60-67 Ja '60

Converter of numerical magnitudes to electrical [with summary in English]. A. K. Zavolokin. Avtom. i telem. 21 no. 2'260-265 F '60.

Defense of dissertations at the Lvov Polytechnic Institute E. F. Zamora Izv vys. ucheb. zav., radiotekh. 3 no. 5 *623-630 S-O '59.*

Differentiating and integrating devices *with positive feed*back A I. Petrenko Izv. vys ucheb. zav, radiotekh 2 no 5'575-580 S-O '59

Electronic switch using transistors. L. Stashuk. Radio no. 1:58 Ja '60.

Frolkin, V. T. [Pulse techniques] Impul'snaia tekhnika. *Pod red. V. N. Dulina.* Moskva, Izd-vo "Sovetskoe radio," 1960. 359 p.

GMI-23 millimicrosecond pulse generator. V. S Chilikin Elektrosviaz' 14 no 1'40-44 Ja '60

Generalization of the operational characteristics of filters and modulators. M. IA. Kaller. Radiotekhnika 15 no. 2' 34-42 F '60.

Integrator for a device which measures ionospheric absorption of radio waves. B. P. Potapov, Z. TS. Rapoport. Elektrosviaz' 14 no. 2:28-31 F '60.

Processes of finite duration in pulse-width systems [with summary in English]. I. V. Pyshkin. Avtom. i telem. 21 no. 2'201-208 F '60.

Pulse systems with stepwise varying parameters [with summary in English]. V. I. Teverovskii. Avtom. i telem. 21 no. 1. 64-71 Ja '60.

Simple pulse unit for measuring velocities and absorption of ultrasonic waves in liquids. G. N. Feofanov Izv vys. ucheb. zav, prib. no 4:57-62 '59

Some possible uses of a delay system with nonlinear phase characteristic. V. I. Tverskoi. Izv. vys. ucheb. zav., radiofiz. 2 no. 5:724-729 '59.

Transient processes in logarithmic video amplifiers. V.M. Volkov. Izv. vys. ucheb zav.; radiotekh 3 no. 5:607-615 S-O '59.

PUMPING MACHINERY

(see also subdivision under Bet-Pak-Dala)

Disturbances and their elimination in the operation of feed installations of Heat and Electric Power Plants. IU. S. Rubinov. Sakh. prom. 34 no 1'33-35 Ja '60.

The MIG mud pump. Rats. i izobr. predl. v stroi. no. 12: 37-[illegible] '59.

Machining parts of sand and soil pumps made of wear-resistant materials. S. B. Futorian. Trudy VNIINMASH no. 1'177-196 '59.

Modernization of mobile diaphragm pumping units. Rats. i izobr. predl. v stroi no 12'55-58 '59.

Piston for wooden pumps N Tyshchuk Sel' mekh no 1 22 '60

Punching die with an automatic floating cutting blade. A. Z. Vishniakov. Trakt. i sel'khozmash 30 no. 2:45-46 F '60

Reconstruction of the circuit for automatic cut in of reserves of high-pressure feed pumps IU. D. Serper. Elek. sta. 31 no. 1'82-84 Ja '60.

Selection of pumps for vertical drainage N N Omelin Gidr i mel 12 no 1 36-38 Ja '60

PUMPING STATIONS

(see also subdivision under Slavsk District)

Efficient types of movable pumping stations with internal-combustion engines N I Rabinovich Gidr i mel 12 no 1 27-35 Ja '60

Mechanized water supply on the livestock farms. A. A Rozhnovskii, S M. IAkushenkov. Biul nauch -tekh inform. po mekh. sel'khoz. no. 1/2.78-82 '57.

Using subsurface draining methods in constructing pumping stations N S Mitrofanov Osn., fund. i mekh grun *2 no 1'17-19 '60*

PUPIL (EYE)

Method for the investigation of pupillary reactions. A M. Kanitskii Farm i toks 22 no 6 568-569 N-D '59

PUPPETS AND PUPPET PLAYS see subdivision under Gorkiy, White Russia

PURPURA (PATHOLOGY)

Abdominal purpura of Schoenlein-Henoch with phenomena of relative intestinal obstruction. N. T. Skrynskii. Vest. khir. 83 no 12 88-89 D '59

Surgery in the acute form of Werlhof's disease [with summary in English]. G. B. Teplitskii Vest. khir. 83 no. 12'33-37 D '59.

Treatment of patients in the acute period of Werlhof's disease [with summary in English]. V. P. Mel'nikova. Vest khir. 83 no 12 29-33 D '59.

PURSUIT PLANES see Fighter planes

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Atheistic motifs in A S Pushkin's work V Rusin Nauka i zhyttia 8 no 2 49-51 F '58

"The bronze horseman." P. Antokol'skii. Oktiabr' 37 *no 2 199-214 F '60.*

Concerning the work of the Pushkin Committee of the Academy of Sciences of the U.S.S.R. *O. Pini.* Izv. AN SSSR. Otd. lit. i iaz. 18 no. 6:554-556 N-D '59.

Eleventh All-Union Pushkin Conference. V. *Sandomirskaia.* Izv. AN SSSR. Otd. lit. i iaz. 18 no. 6:556-558 N-D '59.

First ballet arrangement from a Pushkin theme. Nik. El'iash. Teatr. zhizn. no. 24 17-18 D 59.

Kosta and A. S. Pushkin. L. P. Semenov. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 3 28-38 '59.

Pushkin on the subject of translating O Kholmskaia. Uch. zap MGPIIIA 13 75-84 '58.

Story about a supposition. Ivan Rakhillo. Moskva 3 no. 0: no. 12'171-178 '59.

PUSTERTAL VALLEY—MINIATURE PAINTING

Painting on cobweb. Aina Kessner. Vokrug sveta no. 2' 57-58 F '60.

PUTIVIL DISTRICT—BRICKLAYING

We are laying walls efficiently and cheaply. I. Skuratov. Sil'. bud 10 no. 2 15 F '60.

PUTTY

Machine for making glazier's paste and putty. Rats. i izobr. predl. v stroi. no. 12:42-44 '59.

PUTYATINO (RYAZAN PROVINCE)—WOOD CARVING, SLAVIC

A 16th century wooden bas-relief from the Putyatino village, Ryazan Province. G. K. Vagner. Krat. soob. IIMK no. 77:10-14 '59.

PUZZLES

Puzzles for the new year Sel'. mekh no 1 46-47 '60.

PYATIGORSK—HEALTH RESORTS, WATERING PLACES, ETC.

New methods in the health resort treatment of patients with obliterating endarteritis. S. G Airapetov. Azerb. med. zhur. no. 2:49-51 F '60.

PYATIKHATKI DISTRICT—SOCIAL GROUP WORK

There is such a district in our republic. G. Gershon, S. Bohdanovych. Sots. kul't. 13 no. 1:10-13 Ja '60.

PYLOS—INSCRIPTIONS, GREEK

The "teleta" of the Pylos inscriptions; origin of large-*scale land ownership* in Mycenaean Greece. A I. Tiumenev. Vest. drev. ist. no. 4'24-32 '59.

PYRAMIDS see subdivision under Egypt

PYRAZOLIDINE

Diuretic effect of cortisone (in edemas induced by pyrazolidine). V. V. Orzheshkovskii. Probl. endok. i gorm. 5 no. 5:117-118 S-O '59.

PYRAZOLINONE

Synthesis of thiazole derivatives. Part 15: Benzothiazolylpyrazolones. V. M. Zubarovskii, G. P. Khodot. Zhur. ob khim. 30 no. 5 1585-1590 My '60.

PYRENE—SPECTRA

Spectroscopy of certain pyrene derivatives in frozen solutions. A. IA. Khesina. Izv. AN SSSR. Ser. fiz. 24 no. 5' 623-626 My '60.

PYREXIA see Fever

PYRIDAZINE

Some derivatives of pyridazine. T. V. Gorshinskaia, M. N. Shchukina. Zhur. ob khim. 30 no. 5 1518-1520 My '60.

Reactions of hydrazine derivatives. Part 26: Fungicidal action of pyridazines and hydrazones. A. N. Kost and others. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3 205-211 '59.

PYRIDINE

Substituted pyridines. 2, 5-dimethyl-4-phenylpyridine and its transformations. N. S. Prostakov, N. N Mikheeva. Med. prom. 11 no. 2:11-13 F '60.

Synthesis of 3(α-diethylaminoethyl)4-methylpyridine. L. N. IAkhontov, M. V. Rubtsov. Zhur ob. khim. 30 no 5 1507-1515 My '60

PYRIDINE—SPECTRA

Multinuclear heterocyclic compounds. Part 2: Structure and spectral color of some 4-phenyldibenzoylenepyridine derivatives. G. IA. Vanag, E. I. Stankevich, E. IA Gren Zhur. ob. khim. 30 no. 5 1620-1627 My '60.

PYRIDOXINE

Mechanism of action of pyridoxine (vitamin B_6) in acute radiation injury [with summary in English]. Z. I. Kalmykova. Pat. fiziol. i eksp. terap. 4 no. 1. 32-39 Ja F '60.

PYRIMIDINE

Syntheses and conversions of pyrimidine derivatives. Part 11: Activity of the methyl group in derivatives of 4-methyl-5-nitropyrimidine. R. S. Karlinskaia, N. V. Khromov-Borisov. Zhur. ob. khim. 30 no. 5'1485-1491 My '60

Synthesis of 2-aminopyrimidine. Report no. 2: Condensation of guanidine with propargyl alcohol in the presence of oxidants. V. I. Khmelevskii, I. A. Kozello, A. IA. Gasheva. Med. prom. 14 no. 1.46-48 Ja '60.

PYRIMIDINEMETHANOL

Effect of vitamin B_6 antagonists (toxopyrimidine and isonicotinylhydrazine) on the contents of NH_3, glutamine, glutamic acid and γ-aminobutyric acids in the rat brain [with summary in English]. IU. V. Bukin. Ukr. biokhim. zhur 31 no. 6:906-912 '59.

PYRITE

Roasting of carbonaceous pyrites in a fluidized bed I M Vostriakov Khim prom. no 7'633-634 O-N '59

PYROMETERS

Laboratory spectropyrometers with objectives. L. A. Boiarskii, V. A Kovalevskii. Izm. tekh. no. 1 31-33 Ja *'60*

Standard infrared spectropyrometer. V. E. Finkel'shtein, N. G. Starunov. Izm. tekh. no. 1'28-30 Ja '60.

PYROMETRY

Depth pyrometry of the glass batch in the refining end V A. Gorokhovskii. Stek. i ker. 17 no 1 16-18 Ja '60

Effect of width of glass furnace throats on the thermal uniformity of the glass batch in the refining end. V S Pavlov Stek i ker 17 no. 1 12-15 Ja '60

Errors in measuring temperatures of turbulent flames by means of optical methods. K. P. Vlasov. Izm. tekh. no. 1.40-44 Ja '60.

Sobolev, N. N., ed. [Optical pyrometry of plasma; collection of articles] Opticheskaia pirometriia plazmy, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 438 p.

PYROPHOSPHATES

Titurating apparatus for preparing soil for mechanical analysis in which sodium pyrophosphate in used. I. N. Bogusevich. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 2:69-72 '59.

PYRRHOTITE see subdivision under Pechenga region

PYRUVIC ACID

Butyric fermentation in a synthetic medium containing pyruvic acid and glycerol. L. G. Azova. Dokl. AN SSSR 132 no. 4 945-947 Je '60.

Fermentation of pyroracemic acid by cultures of butyric bacteria [with summary in English]. L. G. Azova. Mikrobiologiia 29 no. 1'62-66 Ja-F '60.

PZNAN, POLAND—RADIO OPERATORS—COMPETITIONS

Friendly competitions in Pznan. V. Konvinskii Radio no. 2 53 F '60.

RADIATION SICKNESS (Continued)

Changes in blood pressure and the circulatory reactivity in rabbits after polonium injury [with summary in English] B B Moroz, S.P Grozdov Farm i toks 22 no 6 544-550 N-D '59

Changes in the higher nervous activity in experimental chronic radiation sickness induced by ionizing radiations [with summary in English] Kh.Kh IArullin Med rad 4 no.12 16-21 D '59.

Course of experimental myocardial infarct in acute radiation sickness in rabbits. N.B.Ginzburg. Vrach delo no.12 1263-1265 D '59.

Dynamics of leucocytic reactions in rabbits in acute radiation sickness [with summary in English] E.A. Dikovenko Pat.fiziol.i eksp.terap. 4 no.1 20-24 Ja-F '60.

Effect of insulin on the course and outcome of radiation sickness [with summary in English] V N Patalova Farm i toks 22 no 6 555-557 N-D '59

Electron microscope study of fibrous structures of the areolar connective tissue in acute radiation sickness [with summary in English] V V Shykhodyrov Fiziol zhur [Ukr.] 6 no 1:118-124 J-F '60

Features of leukocytic reactions to the administration of sodium nucleate in radiation sickness in animals P V. Simonov Med.rad 4 no 12 80 D '59

Mechanism of action of pyridoxine (vitamin B_6) in acute radiation injury [with summary in English]. Z I. Kalmykova. Pat fiziol i eksp.terap. 4 no 1 32-39 Ja-F '60.

On species, organ, and organoid specificity of tissue antigens in irradiated animals R V Petrov, L I Il'ina. Med.rad. 4 no 12 41-47 D '59

Suture of the arteries in acute radiation sickness; experimental study. A.M Demetskii. Zdrav.Belor. 5 no.1 23-25 Ja '60.

Tissue respiration and glycolysis in the development of acute radiation sickness [with summary in English] D.A.Golubentsev, G V.Sazykin Vop med.khim 6 no 1:49-52 Ja-F '60

Use of myelocytotoxic serum in radiation sickness [with summary in English]. M.F.Sbitneva. Pat.fiziol.i eksp.terap. 4 no.1 39-44 Ja-F '60.

RADIATION STERILIZATION

Biochemical changes in pork during its sterilization by gamma rays. V.V.Pal'min, N.K.Zhuravskaia, L T. Alekhina. Izv.vys.ucheb.zav , pishch.tekh no.6:91-94 '59.

Use of atomic energy for the year-round storage of potatoes L V Metlitskii Kons i ov prom 15 no 1 29-33 Ja '60

RADICALS (CHEMISTRY)

New method of studying the radical reactivity of organic compounds. Kh.S.Bagdasar'ian, R.I.Miliutinskaia. Zhur.fiz.khim. 34 no 1:234-235 Ja '60.

Radiochemical study of radical exchange in certain organometallic compounds. I.A.Korshunov, A P. Batalov, A.A.Orlova Radiokhimiia 1 no.6:679-682 '59.

Reactions of free radicals in irradiated polytetrafluoroethylene. Part 2: Determination of the rate constants for the reactions $RO_2 \rightarrow R + O_2$ and $R + O_2 \rightarrow RO_2$ [with summary in English]. IU.D.TSvetkov, IA.S.Lebedev, V.V.Voevodskii Vysokom.soed. 1 no.11:1634-1642 N '59.

RADICALS (CHEMISTRY)—SPECTRA

Electronic paramagnetic resonance spectrum of a free radical formed by irradiating H_2O_2 with ultraviolet light S.D.Kaitmazov, A.M.Prokhorov. Zhur.fiz.khim. 34 no.1:227-228 Ja '60.

RADIO

(see also subdivision under Moscow)

Certificates of invention. Elektrosviaz' 14 no.2:79 F '60.

Conference of readers. Radio no.1:43 Ja '60.

"Dates in Russian radio engineering; a brief chronology" by V.A.Burliand. Reviewed by I.M.Portnov. Vop.ist. est.i tekh. no.8:177-179 '59.

The first line of radio communication. V.Roginskii. Blok.agit. [Len.] no.3:28-37 Ja '60.

Foreign patents. Elektrosviaz' 14 no 2:80 F '60.

Interest in radio should be developed on a world-wide scale. A.Gorbachev, M Kriukov Radio no.2 12 F '60.

Optimum band-pass of a pulse receiver. E.I.Fialko. Izv. TPI no.66:8-16 '58.

Our consultations. Radio no.1:63-64 Ja '60.

Our consultations Radio no.2 61-62 F '60.

Questions of the theory of the reliability of radio equipment. B.R.Levin. Radiotekhnika 15 no.2 67-74 F '60.

Radio engineering information should be introduced on a large scale to our youth G.Shatunov. Radio no 2 3-4 F '60

Radio engineering subjects. M.S.Neiman. Izv.vys. ucheb.zav.; radiotekh 3 no 5:624-628 S-O '59.

Regulating the settling of accounts between apartment-house offices and communication enterprises P.Petrov Zhil -kom khoz 10 no.2 19-20 '60.

Second year of the great seven-year plan. Radio no.1:1-2 Ja '60.

Suggestions of our readers. Radio no 2 56 F '60.

Through the pages of foreign magazines. Radio no 2 54-55 F '60.

RADIO—AMATEURS' MANUALS

New books for beginner radio amateurs. Radio no.1:55 Ja '60.

RADIO—ANTENNAS

Design of a printed-circuit antenna with a conical radiation pattern E.A.Vorob'ev Izv vys ucheb zav , prib no 4 149-151 '59.

RADIO—ANTENNAS—MEASUREMENT

Unit for measuring and automatic recording of the radiation pattern of super-high frequency antennas. E A. Vorob'ev and others Izv vys ucheb zav , prib no 4 152-154 '59

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—COMPETITIONS

The sailors are in the lead. N Kazanskii. Radio no.2 13-14 F '60

RADIO—CONGRESSES

All-Union scientific meeting dedicated to the one hundredth anniversary of the birth of A S.Popov. L.G Stoliarov Izv vys.ucheb zav , radiotekh 3 no.5:636-639 S-O '59

RADIO—EQUIPMENT AND SUPPLIES

Standardization of the production of electronic radio apparatus units. L.G.Dubitskii. Radiotekhnika 15 no.2 80 F '60.

RADIO—EQUIPMENT AND SUPPLIES—STANDARDS

Standard reliability coefficients for radio-engineering workpieces. P.M.Rabinovich. Standartizatsiia 24 no.2:11-13 F '60.

RADIO—INTERFERENCE

Calculation of noise in radio receivers I.M.Ainbinder Radiotekhnika 15 no 1 48-59 Ja '60.

Construction of screen-shielded chamber G.B Solov'ev-IAvits, D L Gershkovich Vest.elektroprom 31 no 1 59-61 Ja '60

Effect of transmission line parameters on the noise coefficient and sensitivity of a receiving system L.M. Mashbits. Radiotekhnika 15 no 1 38-47 Ja '60.

Relative interference rejection of a two-channel correlation receiver and a receiver with a quadratic detector V.S.Voiutskii Radiotekhnika 15 no 1.68-71 Ja '60.

Storing of pulse signals with instability of the tracking frequency M.I.Finkel'shtein Radiotekhnika 15 no.2. 43-46 F '60.

RADIO—RECEIVERS AND RECEPTION

"Belarus'-5." E.Shpil'man. Radio no.1:35-37 Ja '60.

Construction and operation procedures for collective farm relays stations. A.S.Frolov. Uchet i fin. v kolkhoz. i sovkhoz 17 no 1:55-56 Ja '60

Passing of radio pulses through a detuned selective channel in radio receiving devices. V.L.Dun'e, I.S. Khevrunin. Elektrosviaz' 14 no.2:20-27 F '60.

Radio receivers, television sets, and radio-phonographs for the year 1960. Radio no.1:33-34 Ja '60.

RADIO—REPAIRING

Small-size stabilized rectifier for battery receivers V Shushkevich Proom koop 14 no 2 28 F '60

RADIO—STUDY AND TEACHING see subdivision under Shanghai

RADIO—TERMINOLOGY

Standardization of the production of electronic radio apparatus units L.G.Dubitskii. Radiotekhnika 15 no.2: 80 F '60.

RADIO—TRANSMITTERS AND TRANSMISSION

Optimum predistortions in multichannel radio relay communication lines with frequency-division multiplex and frequency modulation B.A Kalabekov, G A Levin. Elektrosviaz' 14 no 1:45-55 Ja '60

Plate voltage supply for gas-filled tube rectifiers and power amplifying tubes. B.Pozdeev. Radio no.1:59-60 Ja '60.

Radio transmitter in a penguin's egg. Znan.ta pratsia no 2:8 F '60.

RADIO, SHORTWAVE

Use of RRS-1 radio relay equipment in frontier areas. B.G.Kisliakov. Vest.sviazi 20 no.1:16 Ja '60.

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

Additional stage for a shortwave broadcast receiver. N.Eseev. Radio no 2 19 F '60.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Investigating the regimen of the PRB-1, 5 type ultrashort wave radio transmitters N.I.Shtein, Z.P.Orlova Trudy NIIGMP no.7 85-91 '59.

[Principles of technical planning of transmitting networks for television and shortwave F.M. broadcasting, information manual] Printsipy tekhnicheskogo planirovaniia peredaiushchikh setei televizionnogo i UKV CHM veshchaniia, informatsionnyi sbornik. Moskva, Izd-vo lit-ry po voprosam sviazi i radio, 1960. 93 p. (Tekhnika sviazi)

Remote control of a shortwave transmitter. S.I.Khovin. Vest.sviazi 20 no.1:6-8 Ja '60.

RADIO ASTRONOMY

Effect of changes in the intensity of cosmic noises on the daily distribution of the number of reflections from meteors. L.P.Serafinovich. Biul.Inst.astrofiz.AN Tadzh SSR no.27.37-39 '59.

Effect of the atmosphere on the characteristics of an antenna and the intensity of the reception of signals from cosmic sources. V S.Troitskii. Izv.vys.ucheb. zav., radiofiz. 2 no.5 683-690 '59.

Radio emission from comets O V.Dobrovol'skii Biul Inst.astrofiz.AN Tadzh SSR no 26 3-11 '58

Radio emission of the moon. A.E.Salomonovich. Priroda 49 no.5 11-18 My '60.

Riddle of the radio emission of Jupiter. V.G.Kurt. Priroda 49 no.5:62 My '60.

RADIO ASTRONOMY—EQUIPMENT AND SUPPLIES

Calibration of radio astronomy apparatus. N.M.TSeitlin. Izv vys.ucheb.zav., radiofiz 2 no.5:677-682 '59

RADIO CIRCUITS

Brandt, A.A. [Arrangement and tuning of radio circuits] Tekhnika montazha i nalazhivaniia radioskhem. Izd.2., dop. [Moskva] Izd-vo Mosk.univ., 1960. 353 p.

RADIO CLUBS

(see also subdivision under Ufa)

Creation of the "Soviet Federation of Amateur Radio Enthusiasts " Radio no.2 10-11 F '60.

From promises to action. Radio no.2 6 F '60.

Our obligations. G.Fedoseev. Radio no.1:4 Ja '60.

Persistence and stubbornness. M.Petkova. Radio no.1: 26,30 Ja '60.

Personal duties of radio amateurs. I.Dzagnidze. Radio no.1 4 Ja '60.

Power of friendship. A.Mstislavskii. Radio no.1:27-28 Ja '60.

Private Lobanov is the head of the radio club A TSuranov Radio no.2 5 F '60.

Work in close touch. G.Alekseev. Radio no.1:3 Ja '60.

Youth is on the air. G.Tursunov and others. Radio no.1:24-25 Ja '60.

Young radio engineers of an orphanage. B.M.Poniataev. Det.dom 15 no.4:68-69 '59.

RADIO CONTROL

Using radio dispatcher systems in construction A Svirtsov Stroitel' no 2 9-10 F '60

RADIO DETECTORS

Aperiodic wide-band f.m. detector. S.Sher, A.Konstantinovskii. Radio no.1:38 Ja '60.

Relative interference rejection of a two-channel correlation receiver and a receiver with a quadratic detector V.S.Voiutskii. Radiotekhnika 15 no.1.68-71 Ja '60.

RADIO DIRECTION FINDERS

Storage characteristics of cascade screens and calculation of the visibility of the signal. M.M.Grotsionskaia. Izv.vys.ucheb.zav., radiofiz. 2 no.5:750-705 '59.

RADIO FREQUENCY MODULATION

Creating periodic structures by means of ultrasound. E.M.Gershenzon. Uch.zap.MGPI 138:165-195 '58.

RADIO FREQUENCY MODULATION—RECEIVERS AND RECEPTION

Simple f m. radio receiver. V.Rychka, V Kochnev Radio no 2 42-43 F '60.

RADIO IN AERONAUTICS

With the help of radio and telephone. P.Savitskii. Grazhd.av. 17 no.1:19 Ja '60.

RADIO IN AGRICULTURE

(see also subdivision under Rostov)

Dispatching in agriculture. B.Kikin. Biul.nauch.inform.: trud i zar.plata no.11:38-13 '59.

Untouched frontier areas. Radio no 2:7-10 F '60.

RADIO IN INDUSTRY

Automatic control in blast-furnace processes. I.Rylov. Radio no.1:7-8 Ja '60.

RADIO IN NAVIGATION

Experience in radio bearing finder control I Liagin Mor.flot 20 no 1 29-30 Ja '60.

RADIO LINES

Engineering calculation of Chebyshev's gradual transitions A L.Fel'dshtein, L.R.IAvich. Radiotekhnika 15 no 1:3-15 Ja '60.

Statistical characteristics of the coefficient of wave reflection in transmission lines with random inhomogeneities. Izv.vys.ucheb.zav.; radiofiz. 2 no.5:711-719 '59.

RADIO MEASUREMENTS

Orlov, V.A. [Radio amateur's meter device] Izmeritel'naia laboratoriia radioliubitelia. Moskva, Gos. energ. izd-vo, 1951. 79 p.
(CoBBS)

RADIO MEASUREMENTS (Continued)

Osipov, K. D., and V. V. Pasynkov. [Handbook on radio measuring devices] Spravochnik po radioizmeritel'nym priboram. Pod red. G. A. Remeza. Moskva, Izd-vo "Sovetskoe radio."

Pt. 4. [Special measuring devices and current sources] Spetsial'nye izmeritel'nye pribory i istochniki pitaniia. 1959. 152 p.

Remez, G.A. [Radio measurements] Radioizmereniia. Izd.2., perer. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 319 p.

RADIO METEOROLOGY

Automatic radiometeorological station (ARMS-N) D. IA Surazhskii Trudy NIIGMP no 7:3-24 '59

Automatic radiometeorological station for reservoirs (ARIV-52) I N Mogil'ner, F N Shevshenko Trudy NIIGMP no. 7 36-51 '59

Investigating the regimen of the PRB-I, 5 type ultrashort wave radiotransmitters N. I Shtein, Z. P Orlova, Trudy NIIGMP no 7 85-91 '59

Some problems in calculating the construction of antennae for automatic radioanemometers (ARIV) N I Shtein Trudy NIIGMP no 7 52-54 '59

Transmitting equipment of the automatic radiometeorological station (ARMS-N). N. I Shtein Trudy NIIGMP no. 7 25-35 '59

RADIO OPERATORS

Memorandum to shortwave radio operators. Radio no 2 19-19 F '60

RADIO OPERATORS—COMPETITIONS see subdivision under Pznan, Poland

RADIO PULSE TIME MODULATION

Temkin, S. E. [Pulse modulator tubes] Impul'snye moduliatornye lampy. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 90 p. (Radiolokatsionnaia tekhnika)

RADIO RELAY SYSTEMS

Development of radio relay systems. A. Fortushenko. NTO 2 no. 2:28-29 F '60.

RADIO RESEARCH

Spread, business contacts are needed I Dzhigit. NTO 2 no 1 12-13 Ja '60

RADIO STATIONS, SHORTWAVE

Our activity, plans, and suggestions. E Rakhuora, P. Toomela, A. Kallaste Radio no 2 15-16 F '60.

RADIO VISION see Television

RADIO WAVES

Circular polarized surface waves in corrugated systems. D. M. Bravo-Zhivotovskii. Izv. vys. ucheb. zav., radiofiz. 2 no 5.829-831 '59.

Fresnel coefficients for rough surfaces. S. IA. Braude. Izv. vys ucheb. zav.; radiofiz. 2 no. 5:691-696 '59.

Letter to the editor. Izv. vys. ucheb. zav., radiofiz. 2 no. 5 836-837 '59.

Propagation of a radio impulse over a flat, homogeneous ground surface. Sommerfeld's nonstationary problem [with summary in English]. V. V. Novikov. Vest. LGU 15 no. 10 16-27 '60.

Radiowaves generated by atoms. A. Kol'tsov. Znan.-sila 35 no. 2:22-24 F '60.

Reflection of transversely polarized wave from rectangular comb L. N Deriugin Radiotekhnika 15 no 2 15-26 F '60

Study on the absorption of radio waves in the ionosphere in the latitude of Ashkhabad. M Shirmamedov. Izv. AN Turk SSR no. 6 3-12 '59.

RADIO WAVES—SCATTERING

Theory of wave propagation in a medium with random inhomogeneities. E. A. Kaner. Izv. vys. ucheb. zav., radiofiz. 2 no. 5:827-829 '59.

RADIOACTIVE FALLOUT see subdivision under United States

RADIOACTIVE SUBSTANCES

Some regularities of the coprecipitation of radioactive elements with crystalline carriers. I. V. Melikhov, M. S. Merkulova. Radiokhimiia 1 no. 6:626-632 '59.

RADIOACTIVE SUBSTANCES—DECAY

Electromagnetic corrections in μ--e-decay [with summary in English]. V. P. Kuznetsov. Zhur. eksp. i teor. fiz. 37 no. 4:1102-1105 O '59.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATION

Designing measuring systems in radioactive devices for the automatic control of the composition of the substance N. N. Shumilovskii, L. V. Mel'tser Izv. vys. ucheb. zav., prib. no. 4:137-148 '59.

RADIOACTIVE TRACERS

(see also subdivision under Kazakhstan)

Dashkevich, L. B. [Isotopes in chemistry] Izotopy v khimii. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 39 p.

Mechanism of the development of an inflammatory reaction [with summary in English]. A. A. Pokrovskii. Arkh. pat. 21 no. 7:13-19 '59.

Method of investigating the mechanism of fast reactions in a turbulent reactor by means of tagged atoms [with summary in English]. A. M Brodskii, R A. Kalinenko, K. P. Lavrovskii. Zhur. fiz khim. 34 no. 1.192-195 Ja '60.

Radioactive tracers. M. Shepeleva'kyi. Nauka i zhyttia 8 no. 11 15-19 N '58.

Using tagged atoms in determining the capillary water absorption of plasticized mortars. M. I. Khigerovich, E. IA. Turchikhin, N. V. Nikitina Izv. vys. ucheb. zav., stroi. i arkhit no. 9 3-5 '59.

RADIOACTIVE TRACERS—INDUSTRIAL APPLICATIONS

Using the method of tagged atoms in testing filters for fine fuel cleaning. B. S. Ivanov. Avt prom. no. 2 24-26 F '60.

RADIOACTIVITY

Effect of the radioactive emission of a solid on the processes of its solution. V. I. Spitsyn, E. A. Torchenkova, I. N. Glazkova. Dokl. AN SSSR 132 no. 3 643-645 My '60.

Possible role of temperature quenching in the scintillation of organic substances. I. M. Rozman. Izv. AN SSSR. Ser. fiz. 24 no. 5:567-571 My '60.

Work using isotopes and nuclear emissions in 1959. Vest. AN SSSR 30 no. 5:86-87 My '60.

RADIOAUTOGRAPHY—FILMS see Autoradiography

RADIOBIOLOGY

Problems in biophysics and radiobiology at the Ninth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists, Minsk, June 9-18, 1959 IU. I Moskalev Med rad 4 no 12 85-87 D '59

RADIOBIOLOGY—CONGRESSES

Conference on the problem of biochemical effects produced by ionizing radiation O. IA. Tereshchenko. Biokhimiia 24 no 6:1113-1115 N-D '59

RADIOBROADCASTING

In the Central Committee of the CPSU. Improvement of Soviet broadcasting and the further development of television Sov. pech no 2 1-5 F '60

Kubal'skii, IU. A. [Quality indicators and methods of measuring them in radiobroadcasting channels] Kachestvennye pokazateli radioveshchatel'nogo trakta i metody ikh izmereniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 25 p. (Lektsii po tekhnike sviazi)

Possibilities of developing stereophonic broadcasting in the Soviet Union. B. Semenov. Radio no. 1:44-45 Ja '60.

RADIOCARBON DATING

Determination of the absolute geological age by means of C^{14}. Report No. 2 [with summary in English]. A. P. Vinogradov and others. Geokhimiia no. 8:663-668 '59.

RADIOCHEMISTRY

Book on the principles of the chemistry of radioactive elements ("Principles of radiochemistry" by I. E. Starik. Reviewed by A. K. Lavrukhina). Vest. AN SSSR 30 no. 5: 132-134 My '60.

RADIOCHEMISTRY—CONGRESSES

First All-Union Conference of Educational Institutions on Radio Chemistry. A. V. Lapitskii. Vest. Mosk. un. Ser. mat., mekh, astron., fiz., khim. 14 no. 3 221-223 '59.

First radiochemistry conference of institutions of higher learning. Radiokhimiia 1 no. 6:625 '59.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Full-length X-ray picture of a person. IUn. tekh. 4 no. 1: 16 Ja '60.

Use of high-temperature radiography for studying the kinetics of phase transformations in surface layers. V. A. Landa. Zav. lab. 26 no. 1 71-73 '60.

RADIOGRAPHY—SAFETY MEASURES

Reduction of irradiation in roentgenodiagnosis. R. V. Stavitskii. Med. rad 4 no. 12:63-65 D '59.

RADIOISOTOPES

Coefficients of radioisotope accumulation by fresh-water algae. E. A. Gileva. Dokl. AN SSSR 132 no. 4 948-949 Je '60.

Experience in using a radioactive level indicator. V I. Romanenko. Gidroliz i lesokhim prom 13 no 1 13 '60

Methods of separating radioactive isotopes without a carrier Part 9: Separation of radioactive isotopes by extracting them in the form of β-diketonates. N. P. Rudenko, I. Stary. Radiokhimiia 1 no. 6:700-705 '59.

Use of radioisotopes for the investigation of physicochemical processes taking place inside the boilers of simple units. P. D. Torgashev, N. G. Chen. Trudy NPI 47:113-129 '58.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Using radioisotopes. Zh. Kanlybaeva. Vest. AN Kazakh. SSR 16 no 1:92 Ja '60.

RADIOLOGY, MEDICAL—STUDY AND TEACHING

Letter to the editor. I. V. Danilov, N. I. Vylegzhanin. Vest. rent. i rad. 34 no. 6:85 N-D '59.

RADIOMETER

Optimum parameters of a radiometer. A. N. Malakhov. Izv. vys ucheb. zav, radiofiz. 2 no. 5:703-710 '59.

RADIOSONDES

Semiautomatic recorder for the A-22-III radiosonde V A. Usol'tsev Trudy NIIGMP no. 7:73-79 '59.

RADIOTELEGRAPH

Use of phase predistortion of the signal to increase the interference rejection of radiotelegraph communication systems IU. N. Babanov. Izv vys ucheb zav.; radiotekh. 2 no 5:600-606 S-O '59

RADIOTELEPHONE

Rozhdestvenskii, R. I. [Apparatura for the transmission of broadcasting programs through duplex channels of high-frequency telephone systems] Apparatura dlia peredachi programm veshchaniia po sdvoennym kanalam sistem VCh telefonirovaniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 38 p. (Lektsii po tekhnike sviazi)

RADIOTHERAPY

Radiotherapy of esophageal cancer. I. A. Popova. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5.18-20 '59.

RADIUM

Field practices in quantitative estimation of radioactivity by radiometric methods. A. S. Vershinin. Trudy Sver. gor. inst. no. 34 172-182 '59.

RADIUM—ISOTOPES

Emanation and leaching of radium isotopes from monazite. K. B Zaborenko, A M Babeshkin, I. V. Kovalenko Radiokhimiia 1 no 6 738-741 '59.

Mechanism of the concentration and separation of recoil atoms in the systems solid phase - gas and solid phase - solution K. B Zaborenko, A. M. Babeshkin, I S. Aul'chenko. Radiokhimiia 1 no. 6:742-746 '59

RADON—PHYSIOLOGICAL EFFECT

Biophysical properties of human skin Changes in skin elasticity and lymph circulation following mud treatments and baths. V V Efimov, N. M. Ol'shanskaia Vop. kur., fizioter i lech fiz. kul't. 25 no. 1:57-62 '60.

Changes in the optic chronaxia of patients with hypertension under the influence of hydrogen sulfide and radon baths. K G Khvorostova. Vop. kur, fizioter. i lech. fiz kul't 25 no. 1 52-57 '60.

RADON—THERAPEUTIC USE

Session of the State Institute of Resort and Physical Therapy in Moscow. A A. Bogoslovskii. Vop. kur, fizioter i lech. fiz. kul't 25 no 1 85-86 '60.

Session of the State Research Institute of Kurortology and Physiotherapy of the Ministry of Health of the R S F S R. A G Ibragimova Kaz med zhur 40 no 6:115-116 N-D '59

RADVANYI, NETTY (REILING), 1900-

Spiritual surrender of one critic ("Decision" by Anna Seghers. Reviewed by T. Motyleva). Novyi mir 36 no. 1:203-209 Ja '60

Writer's duty. H. Juin. V zashch. mira no. 103:31-36 D '59.

RAFFINOSE

Accumulation of raffinose in raffinade wash sirups. L. A. Vodolazskaia, M. T Molchadskii. Sakh. prom. 34 no. 1:19-21 Ja '60.

RAILROAD BRIDGES

Designs of precast bridge supports and over-all mechanization of their erection IU. V. Krostelev Trudy MIIT no. 122.313-327 '59

Experimental l_p = 26.7 m span structure with reinforcing bundles placed in open channels. V A. Chezhin, P B. Tamarov Transp stroi 10 no 2 24-26 F '60.

RAILROAD ENGINEERING

Protection of the road bed in the proximity of reservoirs. S. M. Fleishman, F. I. TSelikov, I. Z. Fradkin. Put' i put. khoz. 4 no. 3.12 Mr '60.

Reprev, A. I. [Designing the right-of-way and profile of new railroads with electric and diesel traction, lecture on the "Location and design of railroads" for students of the fourth and fifth courses specializing in "Railroad construction"] Proektirovanie trassy i profilia novykh zheleznykh dorog s elektrovoznoi i teplovoznoi tiagoi; lektsiia po distsipline "Izyskaniia i proektirovanie zheleznykn dorog" dlia studentov V-VI kursa spetsial'nosti "Stroitel'stvo zheleznykh dorog." Moskva, Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1957. 28 p.

Roinishvili, N. M. [Structures to protect railroads from earth slides] Protivoobval'nye sooruzheniia na zheleznykh dorogakh. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 227 p.

RAILROAD ENGINEERING—STUDY AND TEACHING see subdivision under Leningrad

RAILROAD LAW

New laws and regulations enacted by the ministries and government agencies of the U. S S R. and the Union Republics Sots zakon 37 no. 3 79-81 Mr '60

RAILROAD RESEARCH see subdivision under Omsk

RAILROADS
(see also subdivision under Japan, Orel District, Sahara; Segezha; Sweden, Ural Mountain region, White Russia)

From the pages of foreign journals. Zhel. dor. transp. 42 no. 1 92-93 Ja '60.

Letters to the editors. Put' i put. khoz. 4 no 2:40-41 F '60.

Letters to the editor. Put' i put. khoz. 4 no. 3:45 Mr '60.

New 1960 and the tasks facing railroad employees. Zhel. dor. transp. 42 no. 1:3-8 Ja '60.

Railroad workers shift to the 7-hour work day. Put' i put. khoz. 4 no. 2:1 F '60

Railroads and the seven-year plan. Evgenii Kozhevnikov. Sov Soiuz no. 3 52 '60

Scientific and technological cooperation among member countries of the Organization of Socialist Countries for Cooperation among Railroads. A. D. Varsanovich, M M. Zhuravlev Zhel. dor. transp 42 no 2.91-92 F '60

Seven-year assignment for the increase of labor productivity to be fulfilled in 5 years. M A. Osintsev Zhel. dor. transp. 42 no. 1:15-20 Ja '60.

They work seven hours on the Oktiabr'skaya railroad G I Shabalin Put' i put. khoz 4 no. 2 2 F '60.

RAILROADS—ACCIDENTS

Problem of the ability of mortally wounded persons to act E E Dil'man Sud-med. ekspert 3 no 1:61-62 Ja-Mr '60

RAILROADS—ACCOUNTING
(see also subdivision under Orel District)

Mechanization of accounting and computing operations. S. I. Medvedev. Zhel. dor. transp. 42 no. 1 23-27 Ja '60.

Practical manual on accounting ("Accounting and analysis of railroad balance sheets" by I. P. Ivanov. Reviewed by V. G. Mitrofanov). Zhel. dor. transp. 42 no. 1:94-95 Ja '60.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.

How to consolidate the economic accountability system of a railroad district. T. M Voronkina. Zhel dor. transp 42 no 2 56-58 F '60.

RAILROADS—AUTOMATIC TRAIN CONTROL

Structural lay-out of the automation of train control in a section B N Pushkarev Zhel dor transp. 42 no 2 59-63 F '60

RAILROADS—BAGGAGE

Gulov, IA. F. [Handbook for the baggage handler] Spravochnik bagazhnogo rabotnika. Izd. 2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 282 p.

RAILROADS—BIBLIOGRAPHY see Bibliography—*Railroads*

RAILROADS—BRAKES

Centralized inspection points for automatic brakes. I M Bugaev, N. A Kaliuzhnyi. Zhel dor transp 42 no 2 79-80 F '60.

Electrodynamic braking of a diesel locomotives by using the primary motor. E. IA Gakkel', M. A. Nikulin. Sbor. LIIZHT no. 167 122-130 '59.

[Guide for an inspector of automatic equipment] Rukovodstvo osmotrshchiku-avtomatchiku. Izd. 5., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 171 p.

Using electric braking in diesel locomotives. I. N. Chu- V. F. Baiko. Sbor. KhIIZhT no 167 103-121 '59.

S—BUILDINGS AND STRUCTURES
ion state standard for the clearance of plat-
the rolling stock of 1524 mm gauge railroads.
ekh. 17 no. 3 27-29 Mr '60.
ns of covered storehouses for loading and
. S. A. Anan'eva. Transp. stroi. 9

Lay-out for over-all mechanization in the assembly of dwellings and industrial railroads buildings from prefabricated room units. M V. Kokin. Trudy MIIT no. 122.254-280 '59.

Thermal and technical properties of cellular concretes. M. I. Povaliaev. Trudy MIIT no 122:197-209 '59.

RAILROADS—CARS
(see also subdivision under Kishinev; Krasnoyarsk; Lyublino; Mogilev, United States)

RAILROADS—CARS—CONSTRUCTION

Posypkin, G. I. [Workers' technical creativity] Tekhnicheskoe tvorchestvo rabochikh. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 77 p.

RAILROADS—CONSOLIDATION

Advantages of the consolidation of the Moscow main line. L. A. Karpov. Zhel dor. transp. 42 no. 1:9-14 Ja '60.

RAILROADS—COMMUTING TRAFFIC see subdivision under Moscow

RAILROADS—CONSTRUCTION

Gorn, A. G., and others. [Experience in the demonstrative building of railroads] Opyt pokazatel'nogo stroitel'stva zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 143 p.

Using the D-365 pneumatic motor roller in stabilizing roadways. G. G. Saatchian Transp stroi. 9 no. 12 24-26 D '59.

Width of the right-of-way. A. F. Semeniako. Put' i put. khoz. 4 no. 2 36-37 F '60.

RAILROADS—COST OF OPERATION see subdivision under Omsk District

RAILROADS—CROSSINGS
(see also subdivision under Minsk)

Improved paving of track crossings. V. P. Litus. Put' i put khoz. 4 no. 2 19-20 F '60.

RAILROADS—CURVES AND TURNOUTS

Measurements in the levelling of track heavings on curves. A. M. L'vitsyn. Put' i put. khoz. 4 no. 2 11 F '60.

Mechanizing the inspection of curves. D. D Prosvirnitsyn, E. V. Pronkin. Put' i put. khoz. 4 no. 2:32-33 F '60.

Our considerations regarding curve design. P. P. Pukhal'skii. Put' i put. khoz 4 no. 3:32 Mr '60.

RAILROADS—EARTHWORK

Using re-usable metal angle gauges in laying out roadbeds. K I Kozhevnikov Transp. stroi. 10 no 2:30-32 F '60.

RAILROADS—ELECTRIC EQUIPMENT

Automatic charging equipment for storage batteries of railroad cars. A. N. Shpak Biul. tekh-ekon. inform. no. 1:72-73 '60.

Electrification of track operations. V. E. Dotsenko. Put' i put. khoz. 4 no. 3:29-30 Mr '60.

Multistep phase converter for the track electric devices A I Adamenko and others Zhel dor transp 42 no 2 74-75 F '60

Power supply for tools from a 220 volt line. G. E. Andreev. Put' i put. khoz. 4 no. 2 17-18 F '60.

Systems of electric supply for railroad cars. G. I. Shturman and others. Zhel. dor. transp. 42 no. 1:56-57 Ja '60.

RAILROADS—ELECTRIFICATION
(see also subdivision under Japan)

Inefficient management of the expansion of the Ruzayevka railroad section. V. A. Uskov. Zhel. dor. transp. 42 no. 1:82 Ja '60.

RAILROADS—EMPLOYEES
(see also subdivision under Orel District, Sverdlovsk)

Self-service shops. A. P. Moskalenko. Put' i put. khoz. 4 no. 2:39 F '60.

These are not unimportant details! L. F. Zhukov. Put' i put. khoz. 4 no. 3:42-43 Mr '60.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

An important form of contact with industry. I. N. Kolotilov. Obshcheobr. shkola vzrosl. no. 6:54-56 N-D '59.

Our experience in training students for practical work in railway transportation N. Bezverkhov, S. Borisov Politekh. obuch. no 12 81-82 D '59.

RAILROADS—EQUIPMENT AND SUPPLIES
(see also subdivision under Poland)

Encouraging wide utilization of an over-all mechanization. Put' i put. khoz. 4 no. 3:1-2 Mr '60.

Improving the EShP-3 tie tamper. V. M. Zasirlalin. Put' i khoz. 4 no. 2:30 F '60.

Increase the utilization of machinery and mechanisms. S. A. Pashinin. Put' i put. khoz. 4 no. 2 28-29 F '60.

Storeroom on wheels. I. M. Nepokupnyi. Put' i put khoz. 4 no. 1:45 Ja '60.

RAILROADS—FINANCE

Improving the establishment of norms for amortization deductions. V. V. Rusakova Zhel. dor. transp. 42 no. 1: 58-62 Ja '60.

RAILROADS—FREIGHT
(see also subdivision under Kharkov)

Agranat, P. A., and G. D. Lutsker. [Experience in the combined operations of railroad and automobile transportation] Opyt sovmestnoi raboty zheleznodorozhnogo i avtomobil'nogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 31 p.

Freight operations should be consolidated and not scattered. V. A Novikov Zhel. dor. transp. 42 no. 2:81 F '60

Increasing the effectiveness of routing from the loading point. V. T. Osipov. Zhel. dor. transp. 42 no. 1:51-55 Ja '60.

Receiving farm produce from collective farms, collective farmers, and individual shippers for transportation. Inform. list. Glav. gruz. upr. no. 14:9 '59.

Rules for indication in waybills of the weight of flour and cereals packed in standard-weight bags. Inform. list. Glav. gruz. upr. no. 14:10 '59.

Transportation of perishable goods in insulated containers. N. P. Chekmareva Trudy MIIT no 122:187-196 '59.

Use of containers and semi-trailers in foreign countries V N Korotkov Zhel. dor transp 42 no 2 87-90 F '60

RAILROADS—FREIGHT CARS

Determining the duration of freight car idleness at concentration points R P Maslov. Zhel dor. transp. 42 no. 2 45-48 F '60.

Permissible overloading of six-axle gondolas of a 93-ton capacity. Inform. list. Glav. gruz. upr. no. 14.13 '59.

Using calculating machines for the preparation of an optimal plan for empty car movement. E. P. Nesterov, S. G. Ratin. Zhel dor. transp. 42 no. 1:81 Ja '60.

RAILROADS—HUMP YARDS

Automation and mechanization of classification operations at the principal railroad stations Zhel dor. transp 42 no 2 65-66 F '60

RAILROADS—JOINT USE OF FACILITIES

Negligence in the preparation of contracts between railroads and approach track owners for the use of sidings. Inform. list. Glav gruz. upr no. 14:13-18 '59.

RAILROADS—MAINTENANCE AND REPAIR
(see also subdivision under Komi A. S. S R., Orel District; Pechora region)

Expediency of some anti-icing measures and installations N E Zarubin Transp stroi 10 no 2 45 F '60

Mechanization and wages in current track maintenance. N. T. Fedulkina Trudy MIIT no 122:120-129 '59

Mechanizing operations in major track overhauling. L K. Gromov, D. A Pechugin Put' i put. khoz. 4 no 3 22 Mr '60.

Preventing the swelling of ground. A. S. Kolesnik. Put' i put. khoz. 4 no. 1:25-26 Ja '60.

Prevention and elimination of track sagging. G. P. Bredniuk, Z. I Nenashkina, P. T. Semeshko. Put' i put. khoz. 4 no. 2:24-26 F '60.

Protective plantings of the trellis type. D. F. Shelengovskii. Put' i put. khoz. 4 no. 1 40 Ja '60.

Winter treatment of the road bed. D. A. Moskalev. Put' i put. khoz. 4 no. 1:27-28 Ja '60.

RAILROADS—MAKING UP TRAINS

Applying differentiated train weight norms with the coupling of additional car groups to the trains V. N Vorob'e Zhel dor transp 42 no. 2 77-79 F '60.

RAILROADS—MANAGEMENT
(see also subdivision under Germany, West)

All divisions can and must be profitable. I. A. Antipov. Put' i put. khoz. 4 no. 2:3-5 F '60.

Cut the maintenance costs of railroad structures. O. S. Shebiakin. Put' i put. khoz. 4 no. 1:33-34 Ja '60.

Effectiveness of the method of crew shifting on lengthene haul distances IA T. Bronshtein Zhel. dor transp 42 no 2 76-77 F '60.

How to achieve a better organization of dispatching in th operation of railroads. L. P. Tulupov. Zhel. dor. transp. 42 no. 1 37-40 Ja '60.

Making up contracts for the use of approach tracks for special purposes. Inform. list. Glav. gruz. upr. no. 14 3-5 '59.

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Rules for the technical operation of railroads i the U. S. S. R.] Pravila tekhnicheskoi ekspluatatsii zheleznykh dorog Soiuza SSR. Moskva, Gos. transp. zhe dor. izd-vo, 1960. 146 p.

RAILROADS—PASSENGER CARS

Russia (1923- U. S. S. R.) Glavnoe upravlenie vagonnogo khoziaistva. [Album of truck designs for all-metal passenger cars] Al'bom chertezhei telezhek tsel'nometallicheskikh passazhirskikh vagonov. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 124 p.

RAILROADS—RAILS

Loading rails on flat cars. M. V. Nikolaev. Put' i put. khoz. 4 no. 2:31 F '60.

Rail chairs with a 1:12 rail cant. N. V. Kaportsev. Put' i put. khoz. 4 no. 3:41 Mr '60.

"Rail quality" by N. P. Diubin, V. V. Trofimov. Reviewe by S. S. Metallurg 5 no. 2:3 of cover F '60.

RAILROADS—RAILS—FASTENINGS

Improving the intermediate fastenings. G. M. Shakhuniants. Put' i put. khoz. 4 no. 3:16-18 Mr '60.

RAILROADS—RAILS—WELDING

Electric slag welding of rail joints. V. I. Svetlopoliansk M. I. Griazev. Avtom. svar. 13 no. 1:72-73 Ja '60.

Eliminating worn-out spots on rails. I. F. Sharov. Put' i put. khoz. 4 no. 3:13-14 Mr '60.

Our experience in welding up rail-end batter. M. A. Kuznetsov. Put' i put. khoz. 4 no. 1:39 Ja '60.

RAILROADS—RECORDS AND CORRESPONDENCE

Method for fixing seals to commercial documents. Inform. list. Glav. gruz. upr. no. 14:11-13 '59.

RAILROADS—REPAIR SHOPS
(see also subdivision under Taiga)

Mechanization of casting operations in a locomotive repair shop. L. D. Maifat, E. V. Erastov. Zhel. dor. transp. 42 no. 1:77-79 Ja '60.

RAILROADS [illegible]

[illegible]

RAILROADS [illegible]

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RAILROADS [illegible]

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RAILROADS [illegible]

[illegible]

RAILROADS [illegible]

[illegible]

[illegible]

[illegible]

RARE EARTH COMPOUNDS

Electromigration method of determining the instability constants of complex compounds of infinitely diluted elements. Part 2 Determination of the constants for complex formation between some lanthanides and citric acid. A. V. Stepanov, V. P. Shvedov. Radiokhimiia 1 no. 6:668-673 '59.

RARE EARTHS see subdivision under Verkhoyansk Range

RARE EARTHS—SPECTRA

Use of spectrum analysis in determining rare earth admixtures in samarium and europium [with summary in English]. V. L. Kustas, G V. Lazebnaia Zhur. anal. khim. 15 no. 1 57-60 Ja-F '60.

RASKA, KAREL, 1919

Fiftieth birthday of the outstanding Czech epidemiologist Professor Karel Raška V Shkovianek. Zhur mikrobiol, epid. i immun 30 no 12 131 D '59

RATH, VEGH ISTVAN, 1870-

Istvan Rath Vegh. Nauka i tel no. 2 63-73 F '60.

RATS—EXTERMINATION

Use of oats for culturing bacteria used in rat eradication. M. I. Prokhorov, I. D. Rozhanskaia. Trudy VIZR no. 12. 164-167 '58.

RAUWOLFIA

Treatment of presenile psychoses. N. G. Kozlov. Trudy Inst. fiziol. Trudy Inst. fiziol. 8:476-478 '59.

RAYEVSKAYA—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations at the ancient site of Rayevskaya in 1955-1956. N. A. Onaiko. Krat. soob. IIMK no. 77·51-61 '59.

Explorations of the ancient site of Rayevskaya in 1954. V. D. Blavatskii. Krat. soob. IIMK no. 77·42-50 '59.

RAVENSKIKH, BORIS IVANOVICH

Boris Ravenskikh and his manifesto. V. Shitova, Vl. Sappak. Teatr 21 no. 2·57-66 F '60.

RAYON

Bleaching of viscose fiber by sodium chlorite. E. M. Mogilevskii, S. I. Korneva. Khim. volok no 6·25-26 '59

Dependence of the fiber structure on viscose parameters. A T. Serkov, N. N. Fedorova, I N Kolomina. Khim volok. no. 6·37-39 '59.

New ventilation method at viscose-producing plants. I. Z. Guslitser, A. A. Kazymov. Khim volok no 6·39-42 '59

Prospects for the expansion of rayon fiber production and trends in its utilization. V A. Usenko, K. N. Murav'eva Izv. vys. ucheb zav., tekh. tekst. prom. no. 6:15-22 '59.

Rubber ring for preventing the slippage of silk from bobbins during finishing. T K Gordienko. Khim volok. no. 6·74-75 '59.

Technical organization in the manufacture of viscose cord V F. *Tarasova. Khim volok* no 6·60-61 '59

Use of surface active agents in the manufacture of viscose fibers. A T. Serkov and others Khim. volok. no 6:3-11 '59

Using polymer by-products in the manufacture of the fiber lavsan (terylene or dacron) *L. S Sych and* others. Khim volok. no 6:12-14 '59

Ways of increasing the strength of staple fiber. *S M Geisberg, L. V. Stin'ko* Khim. volok no 6:73-74 '59

RAYON—TESTING

Elastic properties of staple fibers. E. A. Nemchenko. Khim. volok. no 6·47-49 '59

RAZDAN VALLEY (ARMENIA)—POTTERY, PRIMITIVE

The Tazakend burial mound in Armenia. K. Kh. Kushnareva. Sov. arkheol. 4 no. 1:137-147 '60.

RAZUMOV, SERGEI PETROVICH

A book that lives ("Chinese novellas" by O. Erdberg. Reviewed by N. Stal'skii). Novyi mir 35 no. 11·263-265 N '59

READING

Andrii Sova is reading. V. Shumov. Ukraina no. 4:17 F '60.

READING (ELEMENTARY)

When and how we should begin to teach children to read and write. H. Savyts'ka. Doshk. vykh. 21 no 1·16-21 Ja '60.

READING MACHINES

Construction principles of reading machines. A. A. Kharkevich. Radiotekhnika 15 no. 2:4-9 F '60.

Photoelectric device which accepts printed numbers. M. S. Saplin. [Trudy] MVTU no. 2:108-120 '59.

REALISM IN ART

National character of the arts. M. Honcharenko. Mystetstvo 6 no. 4·15-17 Jl-Ag '59.

REALISM IN LITERATURE

(see also subdivision under Italy)

V. I. Lenin on the contacts of literature and art with the life of our people. I. Dzeverin. Komm. Ukr. 35 no. 2·41-50 F '60.

REASONING (PSYCHOLOGY)

Peculiarities of the development of deductions by young school children [in Ukrainian with summary in Russian]. T. V. Kosma, V. V. Shvidkii. Nauk. zap. Nauk -dosl. inst. psykhol. 10:34-60 '59.

RECEPTORS (NEUROLOGY)

Receptor neurons in the autonomic nervous system. N. G. Kolosov. Trudy Inst fiziol. 8:575-588 '59.

RECKLINGHAUSEN'S DISEASE OF BONE see Osteitis Fibrosa

RECLAMATION OF LAND see subdivision under White Russia

RECLAMATION OF LAND—CONGRESSES

Work results of international conferences on land reclamation I. F. Rusinov Gidr. i mel 12 no 1 59-61 Ja '60

RECORDING INSTRUMENTS

Recording devices. V. V. Arkhipov, P N. Polokhin. Priborostroenie no 1·26-29 Ja '60

RECORDS, PHONOGRAPH see Phonorecords

RECREATIONS see Play

RED CROSS

According to the principles of humanity... G. Miterev. Sov Soiuz no. 11 7-9 '58.

RED DEER see subdivision under Tajikistan

RED SPIDER

Biological control of spider mites. M. D. Dladechko. Nauk. pratsi Vid. sil' hosp. nauk AN URSR no. 2·127-135 '54.

Biology of Stethorus punctillum Wse (Coleoptera, Coccinellidae) which preys on spider mites in southern Tajikistan. E P. Luppova Trudy AN Tadzh SSR 89 31-38 '58.

Chaetological basis for the classification of tetranychid mites. G. F. Rekk. Soob AN Gruz. SSR 23 no. 4 465-471 O '59.

REDUCTION, CHEMICAL

Studying the processes of reduction and electrolytic reduction of certain organic substances on a Pd electrode. Part 1 Reduction and electrolytic reduction of nitromethane A. V. Shashkina. Vest. Mosk un. Ser. *mat., mekh., astron., fiz., khim. 14 no. 3.135-149* '59.

REDUCTION, ELECTROLYTIC

Electrolytic reduction of acrylic acid [with summary in English]. M. E Manzhelei, L. V. Voitenko. Zhur. fiz. khim 34 no. 1 27-31 Ja '60

Mechanism of the cathodic reduction of oxalic acid on mercury. G. M. Florianovich. Zhur. fiz. khim. 34 no. 1·216-218 Ja '60.

Reduction of geometric isomers of some 1,2-dibromoethylene derivatives on a dropping mercury electrode. S. G. Mairanovskii, L. D. Bergel'son Zhur. fiz khim. 34 no. 1,236-237 Ja '60.

REED, JOHN, 1887-1920

Prisoner No 42. E Raidmaa Ogonek 38 no 7 25 F '60

REFLECTING TELESCOPE see Telescope, Reflecting

REFLEXES

Change in the reflex reaction of the vessels of the extremities to adrenaline and acetylcholine in experimental hypertension in dogs Z T Samoilova Gip bol no 5 112-122 '58.

Changes in the reactivity of cutaneous receptors in frogs under the influence of drugs acting on the metabolism [with summary in English]. O. P. Dobromyslova, N. I. Solov'eva. Fiziol zhur. 46 no. 1·98-102 Ja '60

Comparative data from an investigation of the higher nervous function in patients with hypertension and rheumatic fever. Kh. Kh Mansurov. Gip bol. no. 5·30-43 '58.

Effect of small concentrations of nitrous oxide on conditioned vascular reflexes in human subjects [with summary in English] E. K Aganiants, L G. Marchenko. Farm i toks 22 no. 6 483-488 N-D '59

Electrophysiological study of conditioned and unconditioned reflexes during different phases of hypnosis in man. A. I. Marenina. Trudy Inst. fiziol. 8:77-80 '59.

Influence of aminazine on arterial pressure and on the central nervous function in dogs with experimental hypertension Gip. bol no 5·136-154 '58

Instant. Zdorov'e 6 no. 3:14-15 Mr '60.

Nervous factor in the pathogenesis of chronic gastritis. V A Aladashvili Kaz med zhur 40 no. 6:43-46 N-D '59.

Ratio of conditioned to unconditioned reflexes in the kidney activity of dogs in a neurotic state. V. L. Balakshina. Trudy Inst. fiziol 8:223-227 '59.

Role of reflexes from the carotid chemoreceptors in the action of nicotine, corconium, and sodium sulfide on 17-hydroxycorticosteroid secretion by the adrenals in dogs [with summary in English]. V. E. Ryzhenkov, Probl. endok. i gorm 5 no. 6·19-23 N-D '59.

Some changes in the neurological status of cancer patients following radiation therapy. L. I. Abaskulieva. Azerb. med. zhur. no. 1,61-66 Ja '60.

Some results of studies of conditioned and unconditioned vascular reflexes. A. A. Rogov. Trudy Inst. fiziol. 8:303-311 '59.

Unconditioned and conditioned vascular reflexes in healthy children R. R Ovakimian Pediatriia 37 no 12 57 D '59

REFORESTATION

(see also subdivision under Tuva Autonomous Province)

Device used in preparing soil for reforestation. V. Chirkin. Les. prom. 38 no. 1 16-17 Ja '60.

Seed-tree strips instead of isolated seed trees. I. I. Neudachin Les khoz 12 no 2:20-21 F '60

Simple method of mechanizing reforestation operations. I. M. Mashatin Les prom. 38 no. 1:13-16 Ja '60.

REFORM OF CRIMINALS see Probation

REFRACTION

Refraction of the hydrogen bond in inorganic compounds [with summary in English]. S. S. Batsianov. Zhur. fiz. khim. 34 no. 1 68-77 Ja '60.

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Trends in the development of waste heat installations for rotary furnaces in the refractories industry. A. N. Zakharov. Prom. energ. 15 no. 2:11-13 F '60.

REFRACTORY MATERIALS

Absorption of beta rays from Co^{60} in refractory materials D M Shakhtin, V. D. Kovalev Zav. lab. 26 no 2·173-175 '60

Aristov, G. G. [Molder and press operator in the manufacture of refractory materials] Formovshchik-pressovshchik ogneupornykh izdelii Izd 2, perer i dop. Sverdlovsk, Gos. nauchno-tekhn izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 208 p.

Lifshits, M A. [Refractories in ferrous metallurgy; a handbook] Ogneupory v chernoi metallurgii; spravochnik Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 267 p.

Marmer, E. N. [Materials for the construction and operation of vacuum electric furnaces] Materialy vakuumnykh elektropechei. Moskva, Gos. energ. izd-vo, 1959 63 p. (Biblioteka elektrotermista, no. 1)
[MICROFILM]

Replacing the ignition hearth of a sintering furnace. N. A. Belokonenko. Metallurg 5 no. 1:12-13 Ja '60.

REFRACTORY MATERIALS—TESTING

Apparatus for mechanical tests of refractory materials. V R Regel', V G. Govotkov, A. F. Zakatov Zav lab 26 *no 2·243-245 '60.*

REFRIGERATION AND REFRIGERATING MACHINERY

(see also subdivision under Denmark)

Automatic air separator. N. Simonov. Mias. ind. SSSR 31 no. 1:14-17 '60.

Chupakhin, N. M., and F. I. Rudometkin. [Assemblage, maintenance, and repair of refrigerating machinery] Montazh i remont kholodil'nykh ustanovok. Moskva, Gos. izd-vo torg. lit-ry, 1960. 328 p.

Development of the meat and refrigeration industries from 1959 to 1965 [with summary in English] Khol tekh 37 no 1:1-2 Ja-F '60

Il'in, E. V., and E. V. Mal'gina. [Refrigerating machines and cold storage] Kholodil'nye mashiny i ustanovki. Moskva, Gos. izd-vo torg. lit-ry, 1960. 400 p.

Increasing the output capacity of freezers. G. Lifshits Khol. tekh 37 no. 1·52 Ja-F '60.

Oil separator with a rectifier. K. Savkov. Khol. tekh. 37 no. 1:49-51 Ja-F '60.

Response to the A. Solodovnik's article. Khol. tekh. 37 no 1:59-61 Ja-F '60.

U. S. S. R.'s foreign trade in refrigerating equipment and perishable goods during 1958. Khol tekh 37 no. 1·72 Ja-F '60

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATOR CARS

Improving the insulated rolling stock equipped with refrigeration machinery. M. E. Anufriev. Zhel. dor. transp. 42 no. 1:66-69 Ja '60.

Refrigerator cars equipped with overhead cooling tanks. D Prilutskii. Khol tekh 37 no. 1·43-46 Ja-F '60.

Transportation of perishable goods and expansion of refrigeration transportation in the seven-year plan S. F Matalasov. Zhel. dor. transp 42 no. 2 22-27 F '60

REFRIGERATORS

New design of absorption machines for domestic refrigerators [with summary in English] N. Tret'iakov Khol. tekh 37 no. 1:9-11 Ja-F '60.

Newly designed household refrigerators. Khol. tekh. 37 no. 1:70-72 Ja-F '60.

REFRIGERATORS—CONGRESSES

All-Union Conference on the manufacture of household refrigerators. Khol tekh 37 no 1:69-70 Ja-F '60

REFUSE AND REFUSE DISPOSAL

Disinfection and utilization of refuse in large cities [with summary in English]. A A. Kirpichnikov. Gig. i san. 25 no.1 25-29 Ja '60.

"Soil mineralization of city refuse and its agricultural utilization" by R. A. Babaiants. Reviewed by V. A. Gorbov. Gig. i san. 25 no.1:110-112 Ja '60.

REGENERATION (BIOLOGY)

Physiological regeneration of the liver in mammals [with summary in English] L. D. Liozner, V. F Sidorova Biul eksp biol. i med 48 no 12:93-96 D '59.

Regeneration of the retina in the eyes of sturgeon embryos [with summary in English] N. V. Dabagian Zhur. ob. biol. 21 no.1 48-53 Ja-F '60.

Stimulating the regeneration of extremities in tailless amphibians by tissue extracts. V. P. Kudokotsev. Dokl. AN SSSR 132 no.3·715-718 My '60.

REGIONAL ILEITIS

Acute ileitis. V. I. Serga, V. I. Korotkii. Vest. khir. 83 no.12 93-94 D '59.

Chronic ileitis. B. V. Kachorovskii, V. I. Panov, E. L. Fraifel'd. Vest khir. 83 no.12·90-93 D '59.

Ileitis [with summary in English]. I. D. Klepov. Vest. khir. 83 no.12·65-69 D '59.

REGIONAL PLANNING

(see also subdivision under Kagarlyk District)

General planning of areas surrounding construction sites of hydroelectric power stations. S. A. Krinskii. Gidr. stroi. 30 no.2.34-36 F '60.

Most important problems in planning agricultural regions V Riazanov. N Solofnenko Arkhit SSSR no 2 21-23 '60

Regional planning and objectives in distributing industrial enterprises A Sharov Arkhit SSSR no 2 2-3 '60

REGISTERS OF BIRTHS, ETC.

How to renew the registration of civil status acts. N. TSechia. Rad. pravo no.1:107-108 Ja-F '60.

Work organization in local civil registry offices N. Belyk. Sov. deput. trud. no.1,93-96 Ja '60.

REHABILITATION OF CRIMINALS

(see also subdivision under Kuybyshev Province)

A review of the newspapers of the Union Republics Sots zakon 37 no.3 78 Mr '60

REINFORCED CONCRETE

(see also subdivision under Luben')

Determining sizes of mesh reinforcements to be used in building hydraulic structures. M. A. Eritsian. Gidr. stroi. 30 no.1 51 Ja '60.

Further industrialization of rienforcing operations. N. E. Nosenko Prom stroi. 38 no.1·8-12 '60

Mesh-reinforced concrete and its use. G. M Shcherbo Transp stroi 10 no.2 52-54 F '60.

Rapid method for treating reinforced concrete products in autoclaves. A. P. Alekseev. Transp. stroi 9 no.12: 31-33 D '59.

Reinforcing concrete construction elements subjected to combined bending and torsion. IU. V. Chinonko. Bet. i zhel.-bet. no 1:35-37 Ja '60.

Results of the improved organization of wages for workers of the reinforced concrete industry. B. Belov. Ekon. stroi. no.1:32-37 Ja '60.

Standard plan (planning problem) for a construction yard producing reinforced concrete products for hydraulic structures. Biul. stroi. tekh. 17 no.1:8 Ja '60.

Standard plan (planning problem) for a reinforced concrete plant with the yearly output of 17,000 m^3 manufacturing products to be used for hydraulic structures. Biul. stroi tekh 17 no 1 7-8 Ja '60.

Toropov, A. S. [Reinforcement] Armaturnye raboty. Izd.3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 371 p.

REINFORCED CONCRETE—TESTING see subdivision under United States

REINFORCED CONCRETE CONSTRUCTION

Mechanizing the manufacture of reinforced concrete cones. A. Konosheva. NTO 2 no.2·46 F '60.

Standard prefabricated elements made of reinforced concrete. D. P. Puteyn. Standartizatsiia 24 no.2:27-29 F '60.

REKEMCHUK, ALEKSANDR EVSEEVICH, 1927-

A new name ("During summer vacation"; a tale by A. Rekemchuk. Reviewed by Sergei L'vov). Novyi mir 35 no.12·246-250 D '59.

RELIEF (SCULPTURE) see subdivision under Yur'yev-Pol'skiy

RELIGION

(see also subdivision under Berest'ye; Germany, West, Great Britain; Poland; Siberia; United States)

A book that dispels the darkness ("Selected atheistic works" by I. I. Skvortsov-Stepanov. Reviewed by F. Oleshchuk). Nauka i rel. no.4:93-94 D '59.

Do cataracts help eyes? B. Bykhovskii Nauka i rel no 1 51-55 Ja '60

Former priests on religion ("The truth about religion"; collected materials Reviewed by A. Rakitov). Novyi mir 36 no.2 278-280 F '60.

Important instrument of the party in the work of Communist education. Nauka i rel. no.1 3-6 Ja '60

In the shadows of altars ("Truth about religion." Reviewed by V. Titov). Nauka i zhizn' 27 no.1 73-74 Ja '60.

Is it necessary to conduct disputes? Artem Borzenko Nauka i rel no 2 84-85 F '60.

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat. i soob Issl. otd. Inst. po izuch. SSSR no.11:50-53 Ja '60.

New life, new traditions. P Pechura Nauka i rel no 2 86-87 F '60

One thousand letters Nauka i rel no 2 7-14 F '60

Pious Marianna, feuilleton A. Trubnikova Ogonek 38 no 2 30 Ja '60

Religion. A. V. Lunacharskii. Nauka i rel. no.4·39-41 D '59.

Timid judgment on a great subject G Ul'ianov Nauka i rel no 1 85-86 Ja '60

V. D Bonch-Bruevich on religion ("Selected works" by V. D. Bonch-Bruevich Reviewed by L Mitrokhin) Nauka i rel no 1 95-96 Ja '60

We no longer believe in God. O. Spektor, I. Goligorskii. I. Kogan. Nauka i rel. no 4 37-38 D '59

Why there still are religious superstitions in the U.S.S.R. V. K. Tancher. Nauch. dokl. vys. shkoly; filos. nauki no.4·47-58 '59.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

Class roots of religion. A. Novikov. Agitator no.3: 32-35 F '60.

Criticism of religion and churches by German free thinkers of the 18th century. Z. N. Meleshchenko, T. M. Rumiantseva. Ezhegod. Muz. ist. rel. i ateiz. 3.112-132 '59.

Osipov, A. A. [My path toward spiritual freedom; story of a former theology teacher] Put' k dukhovnoi svobode, rasskaz byvshego bogoslova. Moskva, Gos. izd-vo polit. lit-ry, 1960. 78 p.

RELIGION AND SCIENCE

Cosmogony and religion. V. A. Ambartsumian. Blok. agit. [Bel.] no.34:38-45 D '59.

Natural science and religion. Olof Klohr. Vop. filos. 14 no.5·91-102 '60.

Nature, man, and religion. N. V. TSitsin. Nauka i rel. no 4:6-11 D '59.

Science disproves religion. E. Faddeev. Agitator no.4: 28-31 F '60.

Theological vagaries before the court of reason ("Present-day theology and science" by I. A. Kryvelev. Reviewed by IU Levada). Nauka i rel. no.4:91-92 D '59.

RELIGION AND SCIENCE—HISTORY OF CONTROVERSY

History of the struggle between Darwinism and religion in Russia. L. R. Kharakhorkin. Ezhegod. Muz. ist. rel. i ateiz. 3:222-248 '59.

RELIGION AND STATE see subdivision under Bulgaria

RELIGIOUS EDUCATION see subdivision under Leningrad

RELIGIOUS LITERATURE see subdivision under Moscow

REMARQUE, ERICH MARIA, 1898-

"Arch of Triumph" by Erich Maria Remarque. Reviewed by M. Zlobina. Novyi mir 36 no.1:267-272 Ja '60.

REMOTE CONTROL

Centralize control of water supply lines. M. P. Suslov. Stroi. truboprov. 4 no.12·4-6 D '59.

Contactless coders and decoders for frequency-combined remote-control systems. F. A. Katkov. Izv. vys. ucheb. zav., energ. 2 no.12:62-65 D '59.

Effectiveness and distortability of multicomponent impulses in remote control. N. A. Filippov. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no.5.149-158 '59.

Electric signaling of wind directions in controlling air-vent casements. B. IU. Daniushevskii. Izv. vys. ucheb. zav., stroi i arkhit. no 8·107-112 '59.

Frequency division multiplexing of a mine power cable system for purposes of remote control and communications. M. M Savkin, A A Il'in. Trudy Inst. gor dela Sib otd AN SSSR no 2·221-231 '59.

Important invention. I. Gurvich. Znan. sila 35 no.1· 6-7 Ja '60.

The KRAP-58 remote controller for a lifting crane P M. Timoshinov. Mekh i avtom proizv 14 no.1 39-41 Ja '60

Multichannel TU-TS system with polarity-amplitude block selection. I. P. Petrov, A. F. Il'inykh. Izv. vys. ucheb. zav., gor. zhur. no.4·81-86 '59.

Remote control of a shortwave transmitter. S. I. Khovin. Vest. sviazi 20 no.1:6-8 Ja '60.

Remote control of cage hoisting. E. E. Lavrinenko. Ugol' 35 no.1:20-23 Ja '60.

Remote control of central underground substations in coal mines. L. P Kosarev. Ugol' 35 no.1:29-30 Ja '60.

Remote control of compressor plants. F. A. Zeilinger, I. D. Itenberg. Ugol' 35 no.1 23-25 Ja '60.

Remote control of main drain pumps. F. M. Eidinzon. Ugol' 35 no.1:25-28 Ja '60.

Remote control of switches at compressor stations A. N. Petrosian Prom energ. 15 no.2 21-22 F '60

Remote control of the main surface substation of the mine. N S Petunin. Ugol' 35 no.1,30-33 Ja '60.

Remote control in mines of the Lugansk Economic Region. M. A. Gol'din, N G. Plushchov. Ugol' 35 no.1:11-16 Ja '60.

"Sibir'-59." M M. Savkin. Nauka i zhizn' 27 no.1·65-67 Ja '60

Using general devices of telemechanics at dispatcher control points. A. E. Konstantinovskii, V. N. Razgon Elek. sta. 31 no.2 75-78 F '60

Using the VIRS apparatus in the remote control of conveyers D I. Vdovin, V G. Ulitin. Biul. tekh.-ekon inform. no.1 3-5 '60.

REMOTE CONTROL—BIBLIOGRAPHY see Bibliography—Remote control

RENT

How much workers pay for their apartments in capitalist countries. A. Guchkov. Otv. na vop. trud. no.105·23-26 '59.

REPAIR AND SUPPLY STATIONS

(see also subdivision under Lyuban' District, Minsk Province, White Russia)

New phase in the development of the collective farm system. A IA. Radchenko. Nauka i zhyttia 8 no 4 5-8 Ap '58.

REPAIR AND SUPPLY STATIONS—ACCOUNTING see subdivision under Sverdlovsk Province

REPIN, IL'IA EFIMOVICH, 1844-1930

Anticlericalism in I. E. Repin's works. N. A. El'shina. Ezhegod. Muz. ist rel. i ateiz. 3·249-264 '59.

The life of Repin ("Repin" by S. Prorokova Reviewed by Natal'ia Sokolova) Oktiabr' 37 no 1 221-223 Ja '60

A new book on Repin ("Repin" by S. Prorokova. Reviewed by A. K. Lebedev). Iskusstvo 22 no 4 77-78 '59.

REPNINA, VARVARA NIKOLAEVNA

An unkown letter by V. N. Repnina to T. G. Shevchenko. G. Palamarchuk Sov. Ukr. 9 no.7 158-161 Jl '59

REPRODUCTION

Role of the brain in the function of propagation in animals. Report No. 1. Observations of female dogs deprived of their distance receptors. L. V. Lobanova. Trudy Inst. fiziol. 8·128-132 '59.

REPRODUCTION (PSYCHOLOGY)

Comparative characteristics of the efficiency of recall of textual material by pupils after hearing it and after independent reading [in Ukrainian with summary in Russian]. L P Kutsenko. Nauk. zap Nauk.-dosl. inst. psykhol. 10,140-158 '59.

REPTILES see subdivision under Ukraine

RESEARCH, INDUSTRIAL

(see also subdivision under Kazakhstan, Leningrad, United States)

Improve the work of societies I. Klimov. NTO 2 no.1 22 Ja '60.

Objectives of scientific technological societies in 1960. NTO 2 no.2·21 '60.

RESEARCH, INDUSTRIAL—CONGRESSES

Conferences. NTO 2 no.1·29 Ja '60

Conferences. NTO 2 no.2·45 F '60.

RESERPINE

Development of myocardial infarct in hypertension patients following treatment with reserpine A. P. Matusova Kaz. med. zhur. 40 no 6:86-88 N-D '59.

Treatment of hypertension patients with serpazil. Z. A. Il'ina Gip bol. no 5 167-174 '58.

RESERVOIRS

(see also subdivision under Dnieper Valley)

Automatic radiometeorological station for reservoirs (ARIV-52) I. N. Mogil'ner, F. N Shevchenko. Trudy NIIGMP no.7·36-51 '59.

Experimental investigations of basic characteristics of bottom currents in reservoirs N. P. Kulesh. Izv. vys. ucheb. zav., stroi i arkhit. no.8 88-97 '59

Keeping records and controlling means of the national economy expended and lost in constructing reservoirs of hydroelectric power stations. G. IA. Khait. Gidr stroi. 30 no.2 51-52 F '60.

Water balance in reservoirs and certain problems of their use. S. Vendrov. Rech. transp 19 no.1·36-39 Ja '60.

RESINS see Gums and resins

RESINS, SYNTHETIC

Chemical stability to irradiation of some ion-exchange resins subjected to X rays and gamma radiation V A Nikashina, M M Sentavin, A V. Gordievskii Khim prom no 7 573-575 O-N '59

Ionites. B.IA. Rozen. Priroda 49 no.5 92-94 My '60.

Preparation of a resin. D. S. Zagudaev. Khim. v shkole 15 no.1 65 Ja-F '60.

Production of coumarone resins by a catalytic and thermal polymerization V V Sal'nikov Koks i khim no 2:41-44 '60

RESPIRATION

Changes in reactions of the cardiovascular system and respiration to chemical stimulation of receptors of the small intestine in relation to dosage of the stimulating substance [with summary in English]. B S Kulaev Biul. eksp biol i med 18 no.12 11-16 D '59.

Derangement of respiratory rhythm in neuroses patients. M. A. Zhilinskaia. Trudy Inst fiziol. 8.457-463 '59.

Effect of hormone preparations of the pituitary and cortisone on gas exchange in rats [with summary in English]. N. A. Isichenko. Probl endok. i gorm 5 no 6 24-29 N-D '59

Effect of liver functions on the dynamics of gas exchange following food intake [with summary in English] P.S Fedyshyn. Fiziol zhur. [Ukr] 6 no 1 108-113 J-F '60

Effect of preliminary training on acclimatization in the mountains E N. Salatsinskaia Teor i prak fiz kul'. 23 no 1:41-43 '60.

Effect of respiratory changes on the degree of oxygen saturation of the arterial blood [with summary in English] N V Sanotskaia Biul eksp biol i med 48 no 11 8-12 N '59

Gas exchange in disturbances of the higher nervous activity in dogs with strong and weak types of nervous system. V. V. Nikolaeva. Trudy Inst. fiziol. 8:297-302 '59.

Heat emission and gas exchange in imported Merinos and in native fat-tailed rams. P. F. Kilatkin, I. A Tapil'skii Dokl. AN Uz. SSR no.12 47-50 '59.

Method for the registration of fetal respiration in mammals [with summary in English] L A. Pronin Biul eksp biol. i med. 48 no 12 112-113 D '59

Oxygen consumption by the cardiac muscle in myocardial infarct. A. G. Khmel'ko. Vrach. delo no. 12 1261-1262 D '59.

Problems in the physiology of respiration and circulation. M V Sergievskii, IU. N Ivanov Fiziol zhur 45 no. 11,1404-1408 N '59

Quantitative evaluation of the absorption of medicinal aerosols during inspiration. V I Somin, V A. Pis'mennyi Farm i toks 22 no 6 539-544 N-D '59

Reflex changes in cardiovascular function under the influence of chemical irritation of pericardial receptors Report No 4 Changes in chemorefluxes from the pericardium under the influence of forced respiration [with summary in English] B S Kulaev Biul eksp biol i med 48 no 11 3-8 N '59

Reflex effect of certain drugs from receptors of the mesenteric vein in the cat [with summary in English] P F Konovalov. Biul eksp. biol. i med 48 no 12 71-74 D '59

Regulation of respiration in puppies at different ages following simultaneous exclusion of the distance receptors. A. V. Pogrebkova. Trudy Inst. fiziol 8:172-178 '59.

Relationship between intrathoracic pressure variations and the tonus of the smooth muscles of the lungs E I Belov Fiziol zhur 45 no 11 1381-1387 N '59

Retention of respiration and the condition of alveolar air in children of school age [with summary in English] A. P. Borisov. Pediatriia 37 no. 12 42-46 D '59.

Some regularities of the development of the respiratory function in the ontogeny of fishes. P. N. Reznichenko. Biul. MOIP. Otd. biol. 64 no. 6.158-159 N-D '59.

Tissue respiration and glycolysis in the development of acute radiation sickness [with summary in English]. D A. Golubentsev, G. V Sazykin Vop med khim 6 no 1:49-52 Ja-F '60.

RESPIRATORS

(see also subdivision under Kokchetav)

TSentral'naia nauchno-issledovatel'skaia laboratoriia po gornospasatel'nomu delu. [Insulating respirator RKK-1; instructions for use] Izoliruiushchii respirator RKK-1; instruktsiia po ekspluatatsii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 30 p.

RESPIRATORY ORGANS—INNERVATION

Effect of ionized air on arterial pressure in animals with cross circulation following vagotomy of the respiratory tract. A. M. Skorobogatova. Trudy Inst fiziol 8:411-418 '59.

REST PERIODS

At a field camp. M. Rakhimov. Uzbekiston 18 no. 10:11 O '59.

RESTAURANTS, LUNCHROOMS, ETC.

(see also subdivision under Bratsk; Degtyarsk; Irkutsk; Kharkov; Kurgan Province; Mogilev, Moscow; Nazarovo; Nizhneudinsk, Novosibirsk; Novosibirsk Province; Odessa; Pavlograd; Siberia; Stalino, Stalino Province; Voronezh)

Convenient to customers and to cooks. M. Mger'ian. Obshchestv. pit. no. 1:39 Ja '60.

For the welfare of the millions of working people. Obshchestv. pit. no. 1 1-2 Ja '60.

How we control trade organizations and public eating establishments. M. Fialkov. Sov. deput. trud no. 2: 85-87 F '60.

Letters to the editor. Obshchestv. pit. no. 1:41 Ja '60.

Lunchtime. M. Linetskaia. Zdorov'e 6 no. 3:16-17 Mr '60.

"Manual guide for supervisors of public eating establishments." Obshchestv. pit no. 2:58 F '60.

Russia (1917- R. S. F. S. R.) Ministerstvo torgovli. [Manual for supervisors of public food service establishments] Spravochnik rukovoditelia predpriiatiia obshchestvennogo pitaniia. Sostaviteli K. M. Mukhina, V. I. Trukhtanova. Pod red. V. I. Zakharova. Moskva, Gos. izd-vo torg. lit-ry, 1960. 647 p.

Skvortsov, B M. [Organizing the operation of restaurants] Organizatsiia proizvodstva stolovykh. Moskva, Gos. izd-vo torg. lit-ry, 1960. 158 p.

Twelve years in the lunchroom of a collective farm. I. Danilov. Obshchestv. pit no. 1:40 Ja '60.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

(see also subdivision under Kiev; Leningrad)

Balance of lunchrooms. G. Dundukov. Obshchestv. pit. no. 1 53-59 Ja '60.

"Journal-voucher accounting in trade" by A. A. Anisov, S. A Ivanov Reveiwed by F. Nazarevskii, A. Kuprienko, B Timkhomirov). Bukhg. uchet 16 no. 12:62 D '59

Less paper work, simpler accounting. M. Gandlevskii. Obshchestv. pit. no. 1:29-30 Ja '60.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

Akim Vasil'evich Matveev, cook of a railroad restaurant-car. D. Valentinov. Obshchestv. pit. no. 1:22 Ja '60.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

(see also subdivision under Novosibirsk)

Assignment must be carried out. V. Kerzner. Obshchestv. pit. no. 2:25 F '60.

Complete mechanization in the near future. M. Egunov. Obshchestv. pit. no. 2:11 F '60.

Self-service counters may be constructed locally. L. Maloletkova. Obshchestv. pit. no. 1:34-37 Ja '60.

RESTAURANTS, LUNCHROOMS, ETC.—SANITATION

see subdivision under Moscow

RESUSCITATION

Phasic character of the extinction and restoration of vital functions [with summary in English]. L. I. Murskii. Arkh. pat. 21 no. 7.49-56 '59.

Restoration of vital functions in monkeys after mortal exsanguination under hypothermic conditions [with summary in English]. V. A. Negovskii Biul. eksp biol. i med 48 no 11 30-34 N '59

RETAIL TRADE

(see subdivision under Kaspiysk; Voronezh; Voronezh Province)

How we control trade organizations and public eating establishments. M. Fialkov. Sov. deput. trud. no. 2: 85-87 F '60.

[Trade abroad; organization, new methods, and equipment of trade and public food service.] Torgovlia za rubezhom; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia nos. 5-6 '60

RETAIL TRADE—ACCOUNTING

Journal-voucher accounting for goods in trade enterprises. K Kuridise Bukhg uchet 17 no 1.59-61 Ja '60.

"Journal-voucher accounting in trade" by A. A. Anisov, S. A. Ivanov. Reviewed by F. Nazarevskii, A. Kuprienko, B. Timkhumirov) Bukhg. uchet 16 no. 12:62 D '59.

RETAINING WALLS see subdivision under Leningrad

RETINA

Regeneration of the retina in the eyes of sturgeon embryos [with summary in English]. N. V. Dabagian. Zhur ob. biol. 21 no. 1 48-53 Ja-F '60.

RETINA—BLOOD SUPPLY

Changes in the fundus oculi in late toxicoses of pregnancy [with summary in English]. M. N. Krol'. Oft. zhur. 15 no. 1:38-42 '60.

RETINA—DISEASES

Case of subretinal cysticercosis in the region of the macula lutea P. K. Panov Oft zhur. 15 no 2:115-116 '60

Treatment of retinitis pigmentosa [with summary in English]. E. E. Linetskaia. Oft. zhur. 15 no. 1:47-52 '60.

REVOLUTIONS see subdivision 'February Revolution, 1917' under Nizhniy Novgorod Government; Russia, subdivision 'Revolution, 1917-1921' under Armenia, Russia, Soviet Far East; Transcaucasia; Ukraine, Volga Valley, subdivision 'Revolution, 1918-1919' under Hungary; subdivision 'Revolution of 1905' under Russia; subdivision 'Revolution, 1917-1921—Drama' under Kiev, subdivision 'Revolution, 1917-1921—Personal narratives' under Kuban, Russia; Ukraine

REVUTS'KYI, LEV MYKOLAIOVYCH, 1889-

Sheifer, T. V. [L. M. Revuts'kyi; a sketch of his life and works] L. M. Revuts'kyi, narys pro zhyttia i tvorchist'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1958. 141 p.
(NNC)

REVYAKINO—EVENING AND CONTINUATION SCHOOLS

On the job training. A. Rudakov. Prom. koop. 14 no. 1. 40 Ja '60.

REWARDS (PRIZES, ETC)

(see also subdivision under White Russia)

Announcement. Zool. zhur. 38 no. 12:1913 D '59.

Awarding of name prizes. Vest. AN SSSR 30 no. 5:88-90 My '60.

High rewards. Gidr. strol. 30 no. 1:14 Ja '60.

RH FACTOR

Present status of the problem of the course of pregnancy in Rh sensization. I. R. Zak. Vop. okh. mat. i det. 5 no. 1,58-63 Ja-F '60.

Role of the incompatibility of the blood of the mother and fetus in stillbirth and mortality of newborn infants. M. A. Petrov-Maslakov, V. G. Matysiak. Vop. okh. mat. i det. 5 no. 1:51-58 Ja-F '60.

Use of vitamin E for desensitization in the pathology of pregnancy connected with Rh incompatibility of the fetal and maternal blood [in Azerbaijani with Russian summary]. F M. Alizade, G. A. Guseinov, G. S. Aleskerov. Azerb. med. zhur. no. 2:28-32 F '60.

RHENIUM

Lebedev, K. B. [Rhenium] Renii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 99 p.
(CU)

RHENIUM—ANALYSIS

Study of the reaction involved in the determination of rhenium with methyl violet. Part 3: Composition of compounds of rhenium with dyes of the triphenylmethane series, and a colorimetric method for determining rhenium. A. T. Pilipenko, V. A. Obolonchik Ukr khim zhur 26 no. 1:99-106 '60.

RHENIUM-CHROMIUM ALLOYS see Chromium-rhenium alloys

RHENIUM COMPOUNDS

Study of the reaction involved in the determination of rhenium with methyl violet. Part 3: Composition of compounds of rhenium with dyes of the triphenylmethane series, and a colorimetric method for determining rhenium A. T. Pilipenko, V. A. Obolonchik Ukr. khim zhur. 26 no. 1:99-106 '60.

RHENIUM-TUNGSTEN ALLOYS

Recovering rhenium from rhenium-tungsten alloys. A. I. Lazarev. Zhur. prikl. khim. 33 no. 2:468-471 F '60.

RHEOLOGY

Flow of anomalously viscous solids under complex stressed conditions. G. V. Vinogradov, A. A. Mamakov, N. V. Tiabin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 2 65-69 Mr-Ap '60.

RHEUMATIC FEVER

(see also subdivision under Ashkhabad; Khmel'nitskiy Province, Ukraine)

Clinical, immunological, and biochemical methods for determining the activity of rheumatic fever. A. I. Nesterov. Sov. med. 24 no. 1 22-33 Ja '60.

Comparative data from an investigation of the higher nervous function in patients with hypertension and rheumatic fever. Kh. Kh. Mansurov Gip. bol. no. 5 30-43 '58

Course of rheumatic fever in children. E. I. Komova. Zdrav. Belor 6 no. 3:29-32 Mr '60.

Function of some of the endocrine glands in rheumatic fever. A. Z. Davletkil'deeva. Kaz. med. zhur. 40 no. 6:35-38 N-D '59

Influence of hepatic insufficiency on the course of rheumatic fever. N. I. Luk'ianova. Vrach. delo no. 12. 1287-1291 D '59.

Possible rheumatic complications in mitral commissurotomy. S I. Smelovskii, E. G. Burmenko. Kaz. med. zhur. 40 no. 6:30-34 N-D '59.

Presence of a streptococcal antigen in rheumatic fever serum. V. I. Sachkov and others. Zhur. mikrobiol. epid. i immun. 30 no. 12:122 D '59.

Rheumatic fever and chronic septic endocarditis. A. S. Simonenko. Zdrav. Belor. 5 no. 1:29-31 Ja '60.

Treatment of rheumatic fever in children with salicylamide. M. P. Matveev. Pediatriia 37 no. 12:54 D '59.

RHEUMATIC HEART DISEASE

Postoperative period in tonsillectomy in rheumatic fever patients [with summary in English]. S. A. IArlykov. Sov. med 24 no. 1:53-56 Ja '60.

RHEUMATISM

Rheumatism. M. IAsynovs'kyi. Nauka i zhyttia 8 no 2 25-27 F '58.

Rheumatism in children. E. Ch. Novikova. Det. dom 15 no. 4:57-63 '59.

RHIZOSPHERE MICROBIOLOGY

Effect of micro-organisms of the sugar beet rhizosphere on the azotobacter E H. Kharynton Dop UASHN 3 no 1:24-27 Ja-F '60

ODODENDRON

Flower forms of Rhododendron ponticum L. P. E. Rukhadze, K.G. Pachuliia. Trudy Sukh. bot. sada no. 11·461-466 '58.

RIAZANTSEV, MIKHAIL DMITRIEVICH, 1892-1960

M. D. Riazantsev; obituary. P. V. Gusenkov and others. Med. prom. 14 no. 2:64 F '60.

RIBEIRO, AQUILINO, 1886-

The persecution of Aquilino Ribeiro D. K. Nov. vrem 18 no 22 21 My '60

RIBOFLAVIN

Interaction of uracil, riboflavin, and maleic hydrazide in plants [with summary in English] K. L. Povolotskaia, IU A. Baskakov, I V Khovanskaia. Fiziol rast. 7 no 1 73-80 '60.

Interconnections between the metabolism of riboflavin and amino acids containing sulfur and tryptophan [with summary in English]. S. G. Aptekar'. Vop. pit. 19 no 1 54-56 Ja-F '60.

Riboflavin content of the blood in certain groups of neurotics and psychotics. A. S. Bezuglaia. Trudy Inst. fiziol. 8:453-456 '59.

RICE

(see also subdivision under Vietnam, North)

A strange friendship Nov. vrem. 18 no. 22·22-23 My '60

ICE—DRYING

Influence of the temperature of drying on the culinary properties of dried rice and buckwheat. A M Prokof'eva, E I Mikhailovskaia Kons. i ov prom 15 no. 1 23-24 Ja '60

ICKETS

(see also subdivision under Mechetinskii District)

Dependence of the calcium, inorganic phosphorus and alkaline phosphatase content of the blood of premature infants on the features of prevention and treatment of rickets [with summary in English]. N. I. Shokina Pediatriia 37 no 12·15-21 D '59

On the so-called renal rickets. O. F. Tarasov. Pediatriia 37 no 12 21-22 D '59.

ICKETTSIAL DISEASES see subdivision under Uzbekistan

IGA—BALLET

"Rigonda." V. Lavrent'ev. Teatr 21 no. 2:166 F '60.

IGA—HOURS OF LABOR

Transition to a short working day. G. A. Storozhenko. Med. prom. 14 no. 1:29-31 Ja '60.

IGA—SERVICE INDUSTRIES

First steps of a new agency. N. Solov'ev. Sov. deput. trud. no. 1:50-52 Ja '60.

IGA—TECHNICAL SOCIETIES

Active workers have been elected to the council. NTO 2 no. 2:57 F '60.

IGA, GULF OF—WATER—ANALYSIS

Hydrochemical regime of the water in the Lielupe River, estuary and in the Gulf of Riga offshore region. M. N. Matisone Gidrokhim. mat. 29·81-101 '59.

ING FORMATION see Cyclization

IVERS

(see also subdivision under Kazakhstan; Orenburg Province)

Calculating probable excesses of maximum river discharges resulting from floods of different origin. S. N. Kritskii, M. F. Menkel'. Meteor. i gidrol. no. 5:34-36 My '60.

Fluorine in river waters. G. S. Konovalov, O. S. Ogurtsova. Gidrokhim. mat. 29·66-74 '59.

ROACH (FISH) see subdivision under Syr-Darya

ROAD CONSTRUCTION

(see also subdivision under Krasnodar Mozdok District; Rostov Province, United States)

Basic objective of raod construction in the Russian Federation in 1960. V. A Bochin. Avt dor. 23 no 2:3-4 F '60.

Computing earth quantities in constructing road beds. P V Vekhov. Avt. dor. 23 no. 2:23-25 F '60

Kerbless roads within the block IU. Tiushin. Arkhit. SSSR no 2 39 '60

Labor productivity has been increased by 11.3%. N. Nekrasov, D. Gulenko. Avt. dor. 23 no. 1:15 Ja '60.

Let's prepare for the conversion of road-building organizations to the seven-hour work day. Avt. dor 23 no. 2·1-2 F '60.

Literature for road builders published in 1960. V. Chvanov. Avt. dor. 23 no. 1:26-27 Ja '60.

Planning roads in agricultural regions. L. Neveselyi. Avt. dor. 23 no. 1·32 Ja '60.

Refining the establishment of climatic zones to be considered in planning highways. N. A. Puzakov. Avt. dor. 23 no. 1:27-28 Ja '60.

Technical evaluation of soft stone materials. V. K. Nekrasov. Avt. dor. 23 no. 1·9-11 Ja '60.

Using experience of mixed brigades and brigades of communist labor. G. Khachikian. Avt. dor. 23 no. 1:13-14 Ja '60.

We moved $500,000\ m^3$ of soil using one grader-elevator during the season. A. F. Volkov. Avt. dor. 23 no. 1· 16-17 Ja '60.

Work practices of mixed brigades. V. M. Rubenchik, I. S. Grachev. Avt. dor. 23 no. 1:17 Ja '60.

ROAD CONSTRUCTION—COLD WEATHER CONDITIONS

Trofimov, G. T. [Highway construction on permafrost] Stroitel'stvo avtomobil'nykh dorog v usloviiakh mnogoletnei merzloty. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 43 p.

ROAD CONSTRUCTION—CONGRESSES

Eleventh International Road Construction Congress in Rio de Janeiro. N. N. Ivanov. Avt. dor. 23 no. 1:30-31 Ja '60.

ROAD CONSTRUCTION—STUDY AND TEACHING see subdivision under Sverdlovsk

ROAD CONSTRUCTION WORKERS

Conference of young specialists. V. I. Avt. dor. 23 no 2:3 of cover F '60

ROAD MACHINERY

(see also subdivision under Poland)

"Building and road machinery in agriculture." Reviewed by S. Gusein-Zade Sel' mekh. no 2·42 '60

Efficient performance of screw planers. F A IAkushkin Transp stroi. 10 no 2 28-30 F '60

Improve the quality of road and building machinery manufacture to meet new demands Stroi i dor mashinostr 5 no. 1 3-6 Ja '60.

Road machinery for lumber transportation in winter. M. I. Kishinskii. Les. prom. 38 no. 1·30-32 Ja '60.

ROAD MATERIALS

(see also subdivision under Ukraine)

Conference on the increased use of local rock materials in road construction B I Kurdenkov, A I Poliakova Avt dor 23 no 2·30-31 F '60.

Requirements concerning stone materials. M. I. Volkov. Avt. dor. 23 no. 1:11-12 Ja '60.

Scientific and technical conference on the increased use of local stone materials in road construction Stroi. mat. 6 no. 1·20 Ja '60.

ROAD MATERIALS—TRANSPORTATION

Combined transportation of road materials. S. M. Gribnikov. Avt dor. 23 no 2:25-28 F '60

ROAD RESEARCH see Highway research

ROADS see subdivision under White Russia

ROADS—CONTRACTS AND SPECIFICATIONS

Provide road builders with an adequate supply of progressive norms, technical specifications and regulations. Avt. dor. 23 no. 1:2 Ja '60.

ROADS—DESIGN

"Norms and technical specifications for designing city streets, squares, and roads." Biul. stroi. tekh. 17 no. 3:13-16 Mr '60.

Technical specifications for planning rural roads. L. Frenk. Avt. dor. 23 no. 1·8-9 Ja '60.

ROADS—MAINTENANCE AND REPAIR

Follow strictly the classification of operations concerning maintenance and repair of roads. N. I. Igolkin. Avt. dor. 23 no. 1:18-19 Ja '60.

ROADS—SNOW PROTECTION AND REMOVAL

Tushinskii, G. K. [Protecting highways from snow slides] Zashchita avtomobil'nykh dorog ot lavin. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 152 p.

ROADS—TABLES, CALCULATIONS, ETC.

Improve the performance of roads. N. F. Khoroshilov. Avt. dor. 23 no. 1:2-5 Ja '60.

ROADS, CONCRETE

Concrete pavement for truck roads in mines. G. L Arkin Shakht. stroi. 4 no. 2 27 F '60.

ROADSIDE IMPROVEMENT

Landscaping the dividing strips. M. IA. Telegin, V. D. Prinkhin. Avt. dor. 23 no 2:28 F '60

ROBBERY

How to differentiate armed robbery from the theft of private property. E. Efanov Sots. zakon. 37 no 3 41-44 Mr '60

In the Supreme Court of the U.S.S.R., current plenum of the Supreme Court of the U S S R. Biul. Verkh Suda no 6 1-4 '59

ROCK BOLTS see Mine roof bolting

ROCK DRILLS

Increasing the power of sinker drills. B V. Sudnishnikov, L. I Semenov Trudy Inst gor dela Sib otd AN SSSR no 2 195-204 '59

ROCK PRESSURE

Rock pressure in vertical workings. L. D. Shevlakov. Ugol' 35 no. 2 24-30 F '60.

ROCK PRESSURE—TESTING

Magnetoelastic instruments to study manifestations of rock pressure. A. T. Topalkaroev, T Sh. Khvadagiani. Ugol' 35 no. 2 36-39 F '60.

ROCK SALT see subdivision under Angara Valley

ROCKET MOTORS, LIQUID PROPELLANT see Liquid propellant rockets

ROCKET RESEARCH

Measuring cosmic rays with geophysical rockets IU. G. Shafer, A. V. IArygin Isk sput Zem no 4:184-194 '60

ROCKETRY

First surveys. V. Bazykin. Novyi mir 35 no 12·217-227 D '59

Step by step I. Merkulov Tekh mol 28 no. 1 18-23 '60

ROCKETS (AERONAUTICS)

Control of space rockets in interplanetary space. B. V. Raushenbakh, E. N. Tokar'. Isk. sput. Zem. no. 5:41-53 '60.

Determining visibility conditions of cosmic rockets. O. V. Gurko. Isk. sput. Zem. no. 5:54-59 '60.

Liapunov, B. V. [Rocket] Raketa Izd. 2., perer. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 233 p. (Nauchno-populiarnaia biblioteka)

Nikolaev, B. A. [Thermodynamic analysis of rocket engines] Termodinamicheskii raschet raketnykh dvigatelei. Moskva, Gos. nauchno-tekhn izd-vo Oborongiz, 1960. 147 p.

[Problems of rocket enginering; translations and surveys of foreign periodical literature] Voprosy raketnoi tekhniki, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury 10 no 5 '60. 110 p

Road to outer space. G. Golyshev. Sov. Soiuz no. 8 8-9 '57.

Rocket ships. S Pavlov. Tekh mol 28 no 1 16-17 '60

The route to the stars is the path to the brotherhood of peoples. Juan Miguel de Mora. Inostr. lit. no. 12·229-231 D '59.

Samuilov, E. V., and E. E. Shpil'rain, eds. [Motion of the nose section of long-range rockets; collected articles] Problemy dvizheniia golovnoi chasti raket dal'nego deistviia; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1959. 488 p.

ROCKETS (AERONAUTICS)—BIBLIOGRAPHY see Bibliography—Rockets (Aeronautics)

ROCKETS (AERONAUTICS)—MODELS

Fundamentals of the theory of flight of rocket models. A. Bolonkin. Kryl. rod. 11 no. 1:24-25 Ja '60.

ROCKS

(see also subdivision under Kuznetsk Basin; Mokhey Valley)

Determining the specific weight of porous rocks by the sheet paraffin method. F. A. Petrachkov. Razved. i okh. nedr 25 no. 11,53-54 N '59.

ROCKS—ANALYSIS

(see also subdivision under Laptev Sea region)

Comparison of the methods for investigating rock solutions. N. P. TSyba, P. A. Kriukov. Gidrokhim. mat. 29 273-281 '59.

Contribution to the petrochemistry of ultrabasic rocks [with summary in English]. N. D. Sobolev. Geokhimiia no. 8:679-695 '59.

Method of determining the ratio of oxygen isotopes in rocks and minerals [with summary in English]. E. I. Dontsova. Geokhimiia no. 8 669-678 '59.

ROCKS—BIBLIOGRAPHY see Bibliography—Rocks

ROCKS—PERMEABILITY

(see also subdivision under Turkmenistan)

Fundamental equations for the flow of homogeneous fluids through fissured rocks. G. I. Barenblatt, IU. P. Zheltov. Dokl. AN SSSR 132 no. 3:545-548 My '60.

Method for determining the permeability of oil reservoir rocks based on electric logging data. L. A. Buriakovskii, F. I. Samedov. Azerb. neft. khoz. 38 no. 11:8-10 N '59.

TLF-4 duplex hydraulic packer for investigating wells. I. P. Grushevskii. Razved. i okh. nedr 25 no. 11:54-56 N '59.

ROCKS - THERMAL PROPERTIES
[illegible]
[illegible]
[illegible]

ROCKS, CARBONATE
[illegible]

ROCKS, SEDIMENTARY
[illegible]

ROCKS, SEDIMENTARY - ANALYSIS
[illegible]

[illegible]

ROLLING MILLS
[illegible]
[illegible]

ROLLING MILLS - ELECTRIC DRIVES
[illegible]

[illegible]

ROTORS (HELICOPTERS)
Theoretical investigation of the performance of a helicopter rotor in vertical descent. V I. Shaidakov Izv. vys. ucheb. zav., av. tekh 3 no. 1 43-51 '60

ROZANOVA-VERESHCHAGINA, NADEZHDA VASIL'EVNA, 1900-1956
Talented illustrator. S Druzhinin Iskusstvo 23 no 1 22-25 '60.

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946
A man who enriched Russian culture. S. Osovtsov. Neva no 12,183-187 '59.

RUBBER
Compatibility of high polymers. Viscosity of solutions of nitrocellulose, polvvinyl chloride, and their mixtures with polar rubbers [with summary in English]. V.I. Alekseenko, I.U. Mishustin Vysokom. soed 1 no. 11: 1593-1598 N '59.
High elasticity deformation law for network polymers [with summary in English] G. M Bartenev, T. N Khazanovich. Vysokom soed. 2 no 1:20-28 Ja '60
Interaction between carboxylated rubber and ε-caprolactam [with summary in English]. I. A. Tutorskii, Z. Smelyi, B A. Dogadkin Vysokom. soed. 1 no. 11·1652-1654 N '59.
Mechanical properties of polymers subjected to irradiation Part 2· Creep of solid polymers and rubbers in the process of irradiation in a nuclear reactor [with summary in English] M A Mokul'skii, IU S Lazurkin, M B Fiveiskii Vysokom soed. 2 no 1 110-118 Ja '60
On the article by B A. Dogadkin and V A. Shershnev "The reaction of tetramethylthiuram disulfide with rubber and with compounds possessing a labile hydrogen atom" [with summary in English] S E Bresler and others Vysokom soed 2 no. 1:174 Ja '60.
Studying the formulation compounding, and production technology of microporous rubbers based on compatible polymers V A Zhurko and others Kauch i rez. 19 no 1 41-47 Ja '60

RUBBER—ANALYSIS
Polarographic determination of sodium in rubbers G. S Supin Kauch i rez 19 no 1 54-57 Ja '60

RUBBER—CONGRESSES
International Conference on Rubber in Washington V. I No. ikov Kauch i rez 19 no 1 58 Ja '60.

RUBBER—TESTING
Electrotensometers for measuring large deformations V A Pugin Kauch i rez. 19 no 1 24-27 Ja '60

RUBBER, SYNTHETIC
(see also subdivision under Europe, Western)
Adhesion of high polymers Part 5! Adhesion of synthetic rubbers to various high molecular weight substrates [with summary in English]. S S. Voiutskii, B L Vakula Vysokom soed. 2 no 1:51-60 Ja '60
Changes in the structure of sodium-butadiene rubber under ionizing radiation. M. A. Salimov, E. V. Zhuravskaia, A S. Kuz'minskii. Vest. Mosk. un. Ser. mat., mekh, astron., fiz., khim. 14 no. 3 177-183 '59.
Increasing the stability of the SKS-30 (GR-S rubber) polymerization system. Shatalov and others Kauch i rez 19 no 1 3-5 Ja '60
Investigating the effect of various factors on the gelatinization of latexes A M Savinkova, S. S. Voiutskii, V V. Chernaia Kauch i rez 19 no 1 28-32 Ja '60
Lignin as a reinforcing filler (from "Canad Chem Proc," no 4, 1959) Kauch. i rez 19 no 1 63 Ja '60
Problems in synthetic rubbers at the Chicago conference in January 1959 (from "Rubber World," no 6, 1959). Kauch i rez 19 no 1 61-62 Ja '60

RUBBER, SYNTHETIC—THERMAL PROPERTIES
Method of determining the flame resistance of rubbers Kauch i rez 19 no 1 64 Ja '60.

RUBBER GOODS
(see also subdivision under Germany, West; Vinnitsa)
Organic accelerators for the continuous vulcanization of dipped goods P I Balabkin and others Kauch i rez 19 no 1 48-51 Ja '60

RUBBER INDUSTRY
Operation of plants producing industrial rubber goods in the first half of 1959 A D Shakh, L. A Zhdanova Kauch i rez. 19 no 1 33-35 Ja '60
Our objectives Kauch i rez 19 no 1 1-2 Ja '60

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES
Efficient methods of planning the production of molded industrial rubber goods Report No 2 New methods of determining the production capacities, and the extent of their utilization based on a new planning unit A F Karaseva Kauch i rez 19 no 1 35-40 Ja '60.

RUBBER INDUSTRY—FIRES AND FIRE PREVENTION
see subdivision under Karasnyarsk

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS—TESTING
Ways of increasing the adhesive strength of rubber and fabric in the process of calendering M G Maizel's, V G Raevskii Kauch i rez 19 no 1 16-22 Ja '60

RUBEZHNOYE—MURDER
Effective work of investigators ensures successful examination of criminal cases I Kravets' Rad pravo no 6:56-58 N-D '59

RUBIDIUM—SPECTRA
Probabilities for transitions of members of the principal series of rubidium G I Gol'dberg Izv GAO 20 no 3 126-137 '56

RUBINSHTEIN, IOSIF LEONIDOVICH, 1906-1959
Iosif Leonidovich Rubinshtein, obituary. Vest elektroprom 31 no 1 80 Ja '60

RUDAKI, 10th century
Abdallah Rudaki. IUrii Smirnov. Sov. Soiuz no. 11·10 '59.

RUDINSKII, MIKHAIL IAKOVLEVICH, 1887-1958
M IA Rudinskii, 1887-1958 obituary I G Shovkoplias Krat soob Inst arkheol AN URSR no 8 175-178 '59
"Stone grave", in memory of M. IA. Rudinskii. Sov. Ukr. 9 no. 12:168-171 D '59.

RUDSKOI, IVAN IVANOVICH
Ivan Ivanovich Rudskoi N Dyshlovoi Sel' mekh no 1 12-14 '60

RUG AND CARPET INDUSTRY see subdivision under Obukhovo

RUMANIA—ATHEISM
History of atheist thought in Rumania. G. Simion. Ezhegod. Muz. ist. rel. i ateiz. 3:295-304 '59.

RUMANIA—BYZANTINE STUDIES
Byzantine studies in the Rumanian People's Republic, 1948-1958. E. Frances, Viz. vrem. 16:308-316 '59.

RUMANIA—CHEMICAL INDUSTRIES
The chemical industry of Rumania Nar. khoz Kazkh 18 no 2·89-90 F '60.

RUMANIA—ECONOMIC CONDITIONS
On the path of rapid development. Komm. Mold. 5 no. 1:75-76 Ja '60.
The People's Republic of Rumania. Agitator no. 3:29-30 F '60.

RUMANIA—ELECTRIFICATION
Electrification of the Rumanian People's Republic. M. I. Petresku. Elek sta. 31 no 2·81-82 F '60.

RUMANIA—EUROPEAN WAR, 1914-1918
The foreign policy orientation of the Rumanian ruling classes on the eve of the First World War. V. N Vinogradov Nov i noveish ist no. 1·53-67 '60.

RUMANIA—FOREST MANAGEMENT
Characteristics of forest management in Rumania. A A. Baitin, I Milescu Les khoz 12 no 2:84-86 F '60

RUMANIA—HISTORY, ANCIENT—PERIODICALS
Research in the field of ancient history in the journal "Studii si cercetari de istorie veche," during the 1957-1958 period. V. V. Karakulakov. Vest. drev. ist. no. 4·178-184 '59.

RUMANIA—INDUSTRIES
Achievements of and prospects for the further development of people's Rumania; facts and figures. Blok. agit. [Bel.] Ag '59.

RUMANIA—LAND TENURE
From the Marxist point of view ("Agrarian relations in the Rumania of the bourgeoisie and landed gentry" by N. P. Frolov. Reviewed by V. Sidorov, G. Stukalov). Komm. Mold 5 no 2 75-77 F '60

RUMANIA—MEDICINE
Collaboration of Soviet and Rumanian medicine; on the 50th anniversary of the liberation of Rumania. S. Poenaru. Sov. med. 24 no. 1:10-21 Ja '60.

RUMANIA—POLITICS AND GOVERNMENT
Fifteenth anniversary of People's Rumania A A. Shevlakov Nov. i noveish. ist no. 1:171-172 '60

RUMANIA—RELATIONS (GENERAL) WITH RUSSIA
Collaboration of Soviet and Rumanian medicine; on the 50th anniversary of the liberation of Rumania S Poenaru. Sov. med. 24 no. 1 10-21 Ja '60.

RUMANIA—SOCIAL CONDITIONS
Fifteen years later. Boris Polevoi. Znamia 30 no. 2: 156-187 F '60.

RUMANIA—SUGAR INDUSTRY
Sugar industry of the Rumanian People's Republic (from "Die Zukererzeugung," no. 5, 1958 and no. 1, 1959). V. D. IArotskii. Sakh. prom. 34 no. 1,70-72 Ja '60.

RUMANIA—THEATER
New Rumanian performances. Florin Tornia. Teatr 21 no. 2·185, 189 F '60.

RUMANIAN MUSIC see Music, Rumanian

RUMEX
Pharmacology of Rumex confertus root. G. T Pis'ko. Farm i toks 22 no 6 532 N-D '59

RUMINATION
Effect of the rumination period on the morphological composition and certain physical and chemical properties of the blood in cattle. B. A Kuz'michev. Fiziol. zhur 46 no 1 103-107 Ja '60.
Reflex effects from the mammary gland on the digestive apparatus in goats Fiziol zhur 45 no. 11 1372-1377 N '59

RUNNING
Brief news. Leg atl. no 12 26 D '59
Finals in all-Union cross country running R. Prager Leg atl no 12 19 D '59
Koshitsk Peace Marathon. IA. Novoina. Leg. atl no. 12 25 D '59.
Runner from Algeria V. P. Tennov Leg atl. no 12: 27-29 D '59.

RUNOFF
(see also subdivision under Aragva Valley, Dzungarian Ala-Tau, Ili Valley; Kazakhstan)
Effect of drainage on evaporation and runoff in the White Russian Polesye A G Bulavko Gidr i mel 12 no 1 14-19 Ja '60
River runoff throughout the world. M. I. L'vovich. Priroda 49 no. 5 19-28 My '60
Some methodological problems in studying processes of glacier runoff G. N. Golubev. Inform sbor. o rab. Geog fak. Mosk gos un. po Mezhdunar. geofiz godu no. 3 61-76 '58.

RURAL HOSPITALS see Hospitals, Rural

RURAL YOUTH
Inspiring problems facing our rural youth. V. Mironenko. Mol. komm. no. 1 11-18 Ja '60.

RUSSIA
Around us. Ogonek 38 no. 4:28-29 Ja '60
Around us. Ogonek 38 no. 6·25-26 F '60.
Book on our motherland ("The U. S. S. R. as it is; popular illustrated handbook " Reviewed by A Talanov) Novyi mir 35 no 11:267-269 N '59

RUSSIA—ALLIED INTERVENTION, 1918-1920
Bolsheviks' revolutionary activity in the interventionist armed forces, 1918-1919. K. L. Seleznev Ist. SSSR no. 1·125-137 Ja-F '60.
Reader's letter from Archangel. Nov. vrem. 18 no. 7· 30 F '60.

RUSSIA—ARMED FORCES
Faithful guardian of the achievements of the October Revolution. A. Adzhimamudov. Komm. Mold. 5 no. 1· 41-48 Ja '60.
In the service of peace and security. A. Kopytin. Agitator no. 2:21-24 Ja '60.
Lenin and the Armed Forces. P. Pytkin. Blok. agit. [Len.] no. 5:9-18 F '60.
Significance of the new reduction of the Armed Forces in the U. S. S. R. H. IA. Galai. Mat. i soob. Isel. otd. Inst. po izuch SSSR no. 11:22-28 Ja '60.

RUSSIA—ARMY
Always together with the people. Sov. pech no. 2 14-15 F '60.
The great example of the struggle for peace. F. Panferov. Ogonek 38 no. 4·1-3 Ja '60.
Kardashov, L. S. [International obligation of the Soviet Armed Forces] Internatsional'nyi dolg Vooruzhennykh Sil SSSR. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 211 p.

RUSSIA—ARMY—ARTILLERY
Soviet Artillery Day. M. Goranskii. Blok. agit. [Bel.] no. 31·18-23 N '59.

RUSSIA—ARMY—DEMOBILIZATION
In serried ranks. A. Menets'kyi. Ukraina no. 4·4 F '60.
My place in life. V. Nazarov. Ukraina no. 4·4 F '60.
One out of three goes home. Sov. Soiuz no 3·12-15 '60.
Soldiers of peace and work. Ukraina no. 4,3 F '60.
They work and study. O. IUrchenko. Ukraina no. 4:4 F '60.

RUSSIA—ARMY—EDUCATION, NONMILITARY
Moshnin, I. D. [V. I. Lenin on the training of the Soviet troops] V. I. Lenin o vospitanii sovetskikh voinov. Pod red. I. I. Vlasova. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 166 p.

RUSSIA—CENSUS
Eloquent figures. V. Goncharov. Agitator no. 4;39-40 F '60.
Results of the All-Union census. Blok. agit. [Bel.] no. 6: 11-14 F '60.
Results of the census. Ukraine no. 4:5 F '60.

RUSSIA—CHINESE

Liu, Yung-an, ed. [Friendship strengthened by blood, a collection of reminiscences by comrade-participants in the Great October Socialist Revolution and the civil war in the U.S.S.R. Translated from the Chinese] Druzhba skreplennaia krov'iu, sbornik vospominanii kitaiskikh tovarishchei-uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i grazhdanskoi voiny v SSSR. Moskva, Voen. izd-vo, 1959. 222 p. (MH)

RUSSIA—COMMERCE

Development of Soviet imports [with English summary in appendix]. G. Rubinshtein Vnesh torg 30 no 5 3-10 '60

Eliminate shortcomings in contractual practices. A. Ivanov. Sov. torg 33 no 2·7-10 F '60.

More attention to the theory of Soviet trade. F. Oblovatskii. Sov. torg. 33 no. 2 48-50 F '60.

A study of the economic relations among ancient Russian villages M. V Fekhner Trudy GIM no 33·149-224 '59

The U.S.S.R. as an importer of traditional goods exported by underdeveloped countries S. Beniaminson. Vnesh. torg 30 no 5 18-20 '60

RUSSIA—COMMERCE—CANADA

Soviet-Canadian trade relations. Vnesh. torg. 30 no. 5 21-22 '60

RUSSIA—COMMERCE—GREAT BRITAIN

Development of trade between Russia and Great Britain after the Crimean War (1856-1858). A. G. Apollov. Nauch. dokl vys. shkoly, ist nauki no. 4 67-81 '59.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Triump of Soviet democracy Rad pravo no. 6·3-8 N-D '59

RUSSIA—CULTURE

"Secrets" of our enlightenment. M. Rauzen. Moskva 3 no. 12:131-138 '59.

RUSSIA—ECONOMIC CONDITIONS

Aristov, A. B. [The 42nd anniversary of the Great October Socialist Revolution, a report at the solemn meeting of the Moscow Soviet, November 6, 1959] 42-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, doklad na torzhestvennom zasedanii Moskovskogo Soveta 6 noiabria 1959 goda Moskva, Gos. izd-vo polit lit-ry, 1959. 22 p.

Great step forward in the seven-year plan. Grazhd. av. 17 no. 1:1-3 Ja '60.

Grin, M. F. [Economic geography of the U.S.S.R.; introductory section, general part of the course; textbook] Ekonomicheskaia geografiia SSSR; vvodnyi razdel, obshchaia chast' kursa; uchebnoe posobie. Moskva, Zaochnyi in-t sovetskoi torgovli, 1959. 160 p.

[History of the national economy of the U.S.S.R., lecture course] Istoriia narodnogo khoziaistva SSSR, kurs lektsii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 662 p.

How communist features in the distribution of material and spiritual riches are growing. M Shmel'kov Otv. na vop. trud. no 108 10-19 '59.

How our study groups and conferences on the history of the CPSU should study the theme "Struggle of the party for the rapid development of the national economy and for the conclusion of the building of socialism, 1953-1958." A. Zemskov. V pom. polit. samoobr. 4 no 1. 119-123 Ja '60.

How to study the theme "Struggle of the Communist Party for the rapid development of the national economy and the conclusion of the building of socialism, 1953-1958" A. Zhurov. Komm Bel 34 no 1 70-75 Ja '60

In the second year of the seven-year plan. Doshk. vykh. 21 no. 1·1-3 Ja '60

In the Soviet Union. Geog. v shkole 23 no. 1:81-84 Ja-F '60

Inspiring concern for the welfare of the people. Vest. vys. shkoly 18 no. 6·3-5 Je '60.

Let us carry out the program of the second year of the seven-year plan successfully Kozh -obuv prom no. 12 1-4 D '59.

Motylev, V. E. [National economy of the U.S.S.R. during the period of putting the third five-year plan into practice; lectures on the history of the national economy of the U.S.S.R.] Norodnoe khoziaistvo SSSR v period osushchestvleniia tret'ego piatiletnego plana; lektsii po istorii narodnogo khoziaistva SSSR. Moskva, Mosk. finansovyi in-t, 1959. 30 p.

On guard for peace and the security of the fatherland Voen.-med zhur no 2·3-7 F '60

The party leads E. Riabchikov. Znamia 30 no. 1·143-157 Ja '60.

The party of Lenin leads the Soviet people toward communism. A. Matsko. Blok. agit. [Bel.] no. 6:1-10 F '60.

Plans, facts, and figures. Znan. sila 35 no. 1 15 Ja '60.

Scouts of the future. S. Gershberg. Kul't. i zhizn' 4 no. 1.15-19 '60.

The second year. Belarus' 17 no. 1:2 Ja '60.

The second year of the great seven-year plan. Mol komm. no 1 3-10 Ja '60.

The second year of the seven-year plan. Sov. deput. trud. no 1·3-7 Ja '60.

Step aside! We are leaving you behind! Facts and figures. Agitator no. 4:17-22 F '60.

This will be achieved in 1960 Nauka i zhizn' 27 no 1:2-4 Ja '60

Thoughts on the matter of a yearbook ("National economy of the U.S.S.R. for the year 1958", a statistical yearbook Reviewed by A Khavin). Novyi mir 36 no. 2 275-277 F '60

Toward new creative successes. Kozh.-obuv. prom. 2 no. 1 1-3 Ja '60.

Toward the dreamland of communism, a review of internal events in the U.S.S.R V Mezentsev. Agitator no 3:18-22 F '60.

V. I. Lenin as the founder of the Soviet state. I. Marchenko. Blok. agit. [Bel.] no. 34:4-12 D '59.

We carried out the objectives of the first year of the seven-year plan Ukraina no 3 5 F '60

The year of great achievements. Agitator no. 3 3-5 F '60

Year of great achievements. Mat. v shkole no. 1:1-3 Ja-F '60.

Year of great victories. Znan.-sila 35 no. 2·5 F '60.

"You don't believe it? Then check it" ("High steps" by Evgenii Permiak Reviewed by E Kasimovskii) Novyi mir 35 no 12 267-268 D '59

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Achievements and prospects for the further development of socialist industry. B. Zabelin. V pom. ekon. obr. kadr. no. 8:3-26 '59.

Beliaev, N. I. [Theses of Comrade N. S. Khrushchev's report at the 21st Congress of the CPSU, "Target figures for the development of the national economy of the U.S.S.R. during 1959-1965," and tasks of the Communist Party of Kazakhstan; report at the 9th Extraordinary Congress of the Communist Party of Kazakhstan, January 14, 1959] Tezisy doklada tovarishcha N. S. Khrushcheva na XXI s"ezde KPSS. Kontrol'nye tsifry razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody i zadachi Kommunisticheskoi partii Kazakhstana, doklad na IX vneocherednom s"ezde Kommunisticheskoi partii Kazakhstana, 14 ianv. 1959 g. Alma-Ata, Kazakhskoe gos. izd-vo, 1959. 60 p. (MH)

Bor, M. Z. [Methodology of a planned balance of the national economy of the U.S.S.R.] Voprosy metodologii planovogo balansa narodnogo khoziaistva SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 350 p.

Borodin, E. I. [Unity and friendship; how the national economy of the Soviet republics will be developed during the seven-year plan] Edinstvo i druzhba, kak budet razvivat'sia narodnoe khoziaistvo sovetskikh respublik v semiletke. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 86 p.

Chukhno, A. A. [Expanded rights of the Union Republics to develop their national economy] Rozshyreniia prav soiuznykh respublik u hospodars'komu budivnytstvi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 70 p.

Entries for a notebook of political economy and applied economics students, facts and figures. V pom. ekon. obr. kadr. no. 8·111-126 '59.

Gladkov, I. A. [V. I. Lenin as the organizer of the socialist national economy] V. I. Lenin - organizator sotsialisticheskoi ekonomiki. Moskva, Gos. izd-vo polit. lit-ry, 1960. 382 p.

Gubareva, O. E. [Preferential development of heavy industry and the creation of an abundance in consumers' goods] Preimushchestvennoe razvitie tiazheloi industrii i sozdanie izobiliia predmetov potrebleniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 77 p.

How to study the theme "The U.S.S.R. enters the period of large-scale building of communism; the 21st Congress of the CPSU." I. Kudriavitskii. Komm. Bel. 34 no. 2; 60-66 F '60.

Khrushchev, N. S. [The will of the peoples of all countries is to ensure peace all over the world; a speech in the village of Veshenskaya in Rostov Province, August 30, 1959] Volia narodov vsekh stran - obespechit' mir vo vsem mire; rech' na mitinge v stanitse Veshenskoi Rostovskoi oblasti 30 avgusta 1959 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.

Labor productivity and the problem of gaining time in peaceful economic competition with capitalism. IU. Filimonov. Komm. Ukr. 35 no. 2;69-78 F '60.

Let us attain the second goal of the seven-year plan. Z. A. Petrova. Kul't.-pros rab. 21 no 1:36-37 Ja '60.

Methods of compiling an interbranch balance. L. Berri, A. Efimov. Plan. khoz. 37 no. 5:24-39 My '60.

Monopoly capital and the economic policy of the Provisional Government. P. V. Volobuev. Ist. SSSR no. 1:34-58 Ja-F '60.

Morozov, L. F. [Decisive stage in the struggle with bourgeoisie of the New Economic Policy; the history of the liquidation of capitalist elements in the cities, 1926-1929] Reshaiushchii etap bor'by s nepmanskoi burzhuaziei; iz istorii likvidatsii kapitalisticheskikh elementov goroda, 1926-1929 gg. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 101 p.

A new demonstration of the party and government's concern for the welfare of the people V. Lavrov. Plan. khoz. 37 no. 5·3-11 My '60

The second year of the seven-year plan. K. Komarov. Agitator no. 2 6-10 Ja '60.

The second year of the seven-year plan NTO 2 no. 1 2-4 Ja '60

Several problems of improving economic planning practice in a province P. Balabrikov Plan. khoz 37 no 5 86-87 My '60.

Several theoretical problems of interbranch and interregional production balance and distribution. V. Nemchinov. Plan. khoz 37 no 5 12-23 My '60.

Shirinskii, I. D. [Planned proportional development of the national economy as the economic law of socialism] Planomernoe, proportsional'noe razvitie narodnogo khoziaistva— ekonomicheskii zakon sotsializma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 54 p.

[Struggle of the CPSU for socialist industrialization and preparation of the comprehensive collectivization of agriculture from 1926 through 1929, documents and materials] Bor'ba KPSS za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gody, dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 511 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

[Way to plenty] Kurs na izobilie. [Moskva] Gospolitizdat, 1960. 1 v. (Nagliadnye posobiia dlia agitatora)

A year of our lives. Kul't.-pros. rab. 20 no. 12:1-4 D '59.

RUSSIA—ECONOMIC POLICY—AUDIO-VISUAL AIDS

[Figures of the great plan, 1959-1965; visual aids for studying the control figures of the development of the Soviet national economy in 1959-1965] TSifry velikogo plana, 1959-1965 gg., nagliadnye posobiia po kontrol'nym tsifram razvitiia narodnogo khoziaistva SSSR na 1959-1965 gg. Moskva, Gospolitizdat, 1960. [6] l.

RUSSIA—FEBRUARY REVOLUTION, 1917

Monopoly capital and the economic policy of the Provisional Government. P. V. Volobuev. Ist. SSSR no. 1:34-58 Ja-F '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—COMMUNIST COUNTRIES

Economic relations of Kazakhstan with socialist countries IU Plashevskii Nar. khoz. Kazkh. 18 no 2 90-92 F '60

RUSSIA—FOREIGN ECONOMIC RELATIONS—CUBA

Island in flames G. Borovik Ogonek 38 no. 7 4-5 F '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—EUROPE, EASTERN

What is the division of labor among socialist countries. G. Anisimov. Otv. na vop. trud. no. 105:13-18 '59.

RUSSIA—FOREIGN ECONOMIC RELATIONS—FRANCE

Coexistence, Marseille wants to renew its contacts with Black Sea ports. G. Defferre. V zashch. mira no. 102 15-16 N '59.

"Russo-French relations, February-October, 1917" by A. E. Ioffe. Reviewed by V. A. Emets Ist. SSSR no. 1 192-194 Ja-F '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—IRAQ

Our commercial and economic contacts with Iraq are getting stronger. I. F. Semichastnov. Vnesh. torg 30 no. 5:11-12 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—POLAND

Fifteenth anniversary of the Soviet-Polish treaty. IU. Vasianin. Vnesh. torg. 30 no. 5:35-36 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Concerning the lend lease talks. S. Bol'shakov. Nov. vrem. 18 no. 7·6-7 F '60.

RUSSIA—FOREIGN RELATIONS

Apropos of a philosophical "refutation" of the idea of peaceful coexistence ("Soviet interpretation of peaceful coexistence" [in German] by G. A. Wetter. Reviewed by V. V. Dmitriev). Vop. filos. 14 no. 5:155-160 '60.

Good luck in the noble mission of peace! Ogonek 38 no. 7:1 F '60

[Happiness and peace for mankind; visit of the Chairman of the Council of Ministers of the U.S.S.R. to India, Burma, Indonesia and Afghanistan, 11 February-5 March, 1960] Schast'e i mir narodam; prebyvanie Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva v Indii, Birme, Indonezii i Avganistane, 11 fevralia-5 marta 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1960. 349 p.

History of the Great Patriotic War. Kommunist 37 no. 9:77-108 Je '60.

Khrushchev, N. S. [Speech at the Seventh Congress of the Hungarian Socialist Workers' Party, December 1, 1959] Rech' na VII s"ezde Vengerskoi sotsialisticheskoi rabochei partii, 1 dekabria 1959. goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.

Krushchev, N. S. [The will of the peoples of all countries is to ensure peace all over the world; a speach in the village of Veshenskaya in Rostov Province, August 30, 1959] Volia narodov vsekh stran - obespechit' mir vo vsem mire; rech' na mitinge v stanitse Veshenskoi Rostovskoi oblasti 30 avgusta 1959 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.

[illegible]SSIA — [illegible]

Lenin, V. I. [illegible] state] [illegible] Moskva, [illegible]

[illegible]

Peaceful coexistence and [illegible] day international relati[illegible]

Russia (1923 [illegible]
del. [Documenta[illegible]
[illegible]
Vol. 4. [illegible]

Struggle of the [illegible]

[illegible]

Zorin, V. A. [illegible] ence among the states [illegible] general line of [illegible] "Lenin lectures [illegible] ter in Moscow] [illegible]

[illegible]

[illegible]

RUSSIA—NAME

Mavrodin, V.V. [Origin of the names "Rus'," "russkii," "Rossiia"] Proiskhozhdenie nazvanii "Rus'," "russkii," "Rossiia." Leningrad, Ob-vo po rasprostraneniiu polit i nauchn. znanii RSFSR. Leningr otd-nie, 1958. 30 p.

RUSSIA—POLITICS AND GOVERNMENT

Akademiia nauk SSSR. Institut prava. [Congresses of the Soviets of the U.S.S.R., the Union and Autonomous Soviet Socialist Republics, collected documents in three volumes, 1917-1936] S"ezdy Sovetov Soiuza SSR, soiuznykh i avtonomnykh sovetskikh sotsialisticheskikh respublik, sbornik dokumentov v trekh tomakh, 1917-1936 g.g. Moskva, Gos. izd-vo iurid. lit-ry.
    Vol. 2. [Congresses of the Soviets of the Soviet Socialist Republics, collected documents, 1917-1922] S"ezdy Sovetov sovetskikh sotsialisticheskikh respublik, sbornik dokumentov, 1917-1922 g.g. 1960. 614 p.

Aristov, A.B. [The 42nd anniversary of the Great October Socialist Revolution, a report at the solemn meeting of the Moscow Soviet, November 6, 1959] 42-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, doklad na torzhestvennom zasedanii Moskovskogo Soveta 6 noiabria 1959 goda Moskva, Gos. izd-vo polit. lit-ry, 1959 22 p

At the sessions of the Supreme Soviets of the Union Republics, a review. Sov.deput.trud. no 1 29-34 Ja '60.

Berchenko, A.IA [Twenty first Congress of the CPSU on the political organization of society during the comprehensive construction of communism] XXI s"ezd KPSS o politicheskoi organizatsii obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 53 p.

Chronicle of recent events. Mat.i soob.Issl.otd.Inst.po izuch.SSSR no.11 54-59 Ja '60.

Documents concerning the development of the Soviet state ("Congresses of the Soviets of the U S S.R., Union and Autonomous Soviet Socialist Republics, collected documents in three volumes, 1917-1936 " Reviewed by B.Bainnov, M Shafir) Kommunist 37 no 9 153-151 Je '60.

For disarmament, for peace in the whole world. Znan. sila 35 no.2:1 F '60.

Founder of the world's first socialist state. V.Sikorskii. Komm Bel 31 no 2 16-23 F '60

[Gazette of the Supreme Soviet of the R.S.F.S.R] Vedomosti Verkhovnogo Soveta RSFSR 4 nos 17-18, 20-22 My-Je '60

[Gazette of the Supreme Soviet of the U.S.S.R.] Vedomosti Verkhovnogo Soveta SSSR 23 nos 20, 22-27 My-Jl '60.

Hertzen, A.I. [Collected works in thirty volumes] Sobranie sochinenii v tridtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR [In Russian and in French.]
    Vol. 20. [Works written from 1867 to 1869, diary] Proizvedeniia 1867-1869 godov; dnevnikovye zapisi.
        Book 1. 1960. 493 p.

IAkubovskaia, S.I. [Development of the Soviet federal socialist state in 1922-1925] Stroitel'stvo Soiuznogo Sovetskogo sotsialisticheskogo gosudarstva, 1922-1925gg. [Moskva] Izd-vo Akad. nauk SSSR, [1959]. 397 p.

Kareva, M.P. [The Constitution of the U S S R.; a textbook for secondary schools] Konstitutsiia SSSR; posobie dlia srednei shkoly Pod red. I P Trainina. Izd 2., perer. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv. RSFSR, 1948 255 p

Present-day problems of the Soviet political system and government. Mat.i soob.Issl.otd.Inst po izuch.SSSR no.11:1-21 Ja '60

Subjects for lectures, reports, and talks based on the materials of the fifth session of the Supreme Soviet of the U.S S R Part zhizn' no 10 42 My '60

Sverdlov, IA.M. [Selected works in three volumes] Izbrannye proizvedeniia v trekh tomakh. Moskva, Gos. izd-vo polit o /.
    Vol.3. 1960. 274 p.

RUSSIA—RELATIONS (GENERAL) WITH BURYAT-MONGOLIA

[Three hundred years of unbroken friendship; a collection of articles] 300 let nerushimoi druzhby; sbornik statei. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 146 p.
    (DS)

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Fraternal alliance of the great peoples. V.Mikheev. Agitator no.4:7-10 F '60.

Friendship that helps to develop the strength of our peoples ("History of Chinese-Soviet friendship" by P'in Ming. Translated from the Chinese. Reviewed by D.Lappo, A.Mel'chin). Agitator no 4,60-62 F '60.

The great friendship of great peoples V Mikheev Ogonek 38 no 7 9 F '60

Ten memorable days A Dubinskii Ogonek 38 no 7 14 F '60.

RUSSIA—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

We are united in our march toward communism. V.Nesterovich Komm Bel. 31 no.2,52-59 F '60.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Two months among Czechoslovakian workers. S.Vladimirov. Nar.khoz Kazakh. 18 no.1:89-90 Ja '60.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Field of activity is expanding. Kul't.i zhizn' 4 no.1:9-14 '60

For our foreign visitors. Kul't.i zhizn' 4 no.1:25-26 '60.

Good wishes F Petrov Sov pech no 2 47-48 F '60.

In the name of peace and friendship NTO 2 no 1 57 Ja '60

Six addresses. M.Karpovich. Sov.deput.trud. no.3: 107-110 Mr '60.

"We grasped the main point." Kul't.i zhizn' 4 no.1:34-37 '60.

RUSSIA—RELATIONS (GENERAL) WITH FRANCE

Beautiful birthday gift. J.Casalbout. Kul't.i zhizn' 4 no.1 23 '60.

France is waiting. Max Leon. IUn.nat. no.2 10-12, 17 F '60.

French friends of the Koreshkov family A Grigor'ev Ogonek 38 no 8 26 F '60

RUSSIA—RELATIONS (GENERAL) WITH GREAT BRITAIN

Scientific and technical contacts of our society. V.A. Venikov. Kul't.i zhizn' 4 no.1:20-22 '60.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Scientific and technical cooperation between the Soviet Union and Hungary [with English summary in appendix]. V.Fredov. Vnesh.torg. 30 no.5,15-17 '60.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

Kalavati Saran. N.Pastukhov. Ogonek 38 no.4:26-27 Ja '60

Symbol of selfless friendship. Bhalsani Bhattacharya. Inostr.lit. no.12:232-236 D '59.

RUSSIA—RELATIONS (GENERAL) WITH INDONESIA

In the name of happiness O Chechetkina Ogonek 38 no 8 8 F '60

RUSSIA—RELATIONS (GENERAL) WITH MEXICO

The route to the stars is the path to the brotherhood of peoples. Juan Miguel de Mora. Inostr.lit. no.12: 229-231 D '59.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Broadening of academic contacts between the Moscow and Warsaw universities I.M Beliavskaia, I.A. Voronkov. Vest.Mosk.un Ist.-filol.ser 14 no.4: 200 '59

RUSSIA—RELATIONS (GENERAL) WITH RUMANIA

Collaboration of Soviet and Rumanian medicine; on the 50th anniversary of the liberation of Rumania. S.Poenaru. Sov med. 24 no.1:10-21 Ja '60.

RUSSIA—RELATIONS (GENERAL) WITH SCANDINAVIA

From the gray haired antiquity to our days. V.Pokhlebkin Kul't.i zhizn' 4 no.1:56-58 '60.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

American scientist on the development of scientific contacts. K.V.Frolov. Vest.vys.shkoly 17[i.e.18] no.5: 75-76 My '60.

Development of tourist contacts between the U.S.S.R. and the United States. V.Babkin. Vnesh.torg. 30 no.5:38 '60.

The lilac is a symbol of friendship. Kul't.i zhizn' 4 no 1:60 '60.

Most important problem of our day. B.Leont'ev. Sov. Soiuz no.11,19 '58.

To live in peace and friendship. Kul't.-pros.rab. 20 no.12:5-7 D '59.

We should meet more often." Sov.Soiuz no.8:6-7 '57.

RUSSIA—RELATIONS (GENERAL) WITH URUGUAY

Uruguayan highway transport workers greet Soviet comrades Hector Betancourt Avt transp 38 no 1 6-7 Ja '60

RUSSIA—REVOLUTION, 1917-1921

August 1917. Sov Soiuz no.8:11 '57.

Chugaev, D.A., ed. [Establishment of Soviet rule in the provinces, 1917-1918, collected articles] Ustanovlenie Sovetskoi vlasti na mestakh v 1917-1918 godakh, sbornik statei. Red -sost. V S. Vasiukov. Moskva, Gos izd-vo polit. lit-ry.
    No 2. 1959 727 p.

Discussion on the theme "History of the Great October Socialist Revolution" in the Academic Council for the Section of Historical Sciences of the Academy of Sciences of the U.S.S.R. S.S.Khesin. Ist SSSR no.1:252-258 Ja-F '60.

Features of Lenin's style of work. A.Anikst. Sov.deput. trud. no.3:28-33 Mr '60.

Government by the people ("Congresses of the soviets of the R.S.F.S.R and the autonomous republics of the R.S.F.S.R., a collection of documents, 1917-1922." Reviewed by A.Dolinin). V pom.polit.samoobr. 4 no.1:135-136 Ja '60.

How Russia's gold reserve was saved. A.M.Gak, V.N. Dvorianov, L.M.Papin. Ist SSSR no.1.137-143 Ja-F '60.

How the Bolsheviks tried to organize the Red Guards after the suppression of the Kornilov uprising, September-October 10, 1917. K A.Tikhomirov. Trudy GPI 14 no 4 45-72 '58.

Kladt, A.P., and V.A.Kondrat'ev. [Brothers in arms; Hungarian internationalists in the struggle for the victory of the Soviets in Russia between 1917 and 1922] Brat'ia po oruzhiiu, vengerskie internatsionalisty v bor'be za vlast' Sovetov v Rossii, 1917-1922 gg. Moskva, Izd-vo sotsial'no ekon. lit-ry, 1960. 222 p.

Lenin, V.I. [Current objectives of the Soviet regime. Economics and politics during the dictatorship of the proletariat] Ocherednye zadachi Sovetskoi vlasti. Ekonomika i politika v epokhu diktatury proletariata. Moskva, Gos. izd-vo polit. lit-ry, 1960. 52 p. (Bibliotechka po nauchnomu sotsializmu)

Liu, Yung-an, ed. [Friendship strengthened by blood, a collection of reminiscences by comrade-participants in the Great October Socialist Revolution and the civil war in the U.S.S.R. Translated from the Chinese] Druzhba skreplennaia krov'iu; sbornik vospominanii kitaiskikh tovarishchei-uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii i grazhdanskoi voiny v SSSR. Moskva, Voen. izd-vo, 1959. 222 p.
    (MH)

Poliakov, IU.A. [From battle to work, from work to the attack; history of the struggle of the Soviet people against the interventionists and the White Guards] Ot boia k trudu - ot truda do atak, iz istorii bor'by sovetskogo naroda s interventami i belogvardeitsami. Moskva, Gos. izd-vo polit. lit-ry, 1960. 173 p.

Punitive sword of the revolution ("From the history of the All-Russian Extraordinary Commission for Combating Counterrevolution and Sabotage, 1917-1921"; collected documents. Reviewed by A.Kliushnichenko). Sov. Ukr. 9 no 7,171-172 Jl '59.

The struggle of Polish communist groups in Russia for the Soviet regime, 1917-1919 A IA Manusevich. Krat soob Inst slav no.27:16-29 '59

V.I.Lenin, the leader of the Great Proletarian Revolution. G.Golikov V pom.polit.samoobr. 4 no.1: 38-49 Ja '60.

Vladimir Il'ich in the Council for Labor and Defense. V.Smol'ianinov. Sov.deput.trud. no.3:33-39 Mr '60.

Work of the academic council on the problem "History of the Great October Socialist Revolution." Vest. AN SSSR 30 no.5:88 My '60.

Works of Czechoslovakian historians on the occasion of the 40th anniversary of the October Revolution. E D Vorob'eva Krat.soob.Inst slav no 27:103-107 '59

The years of fierce struggle. A.Loginov. Agitator no.4:11-16 F '60.

Zharov, L I., and V.M Ustinov. [International units in battle to establish Soviet rule during foreign intervention and the civil war in the U.S.S.R.]. Internatsional'nye chasti Krasnoi Armii v boiakh za vlast' Sovetov v gody inostrannoi voennoi interventsii i grazhdanskoi voiny v SSSR. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 157 p.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

The commander of the Lenin Regiment is our guest. N.Shagin. Neva no.2:221-222 '60.

RUSSIA—REVOLUTION OF 1905

The Chinese Revolution and the lessons of the Revolution of 1905. IU.V.Semenov. Uch.zap.Sar.un. 60:64-84 '57.

RUSSIA—SOCIAL CONDITIONS

Readers say. Oktiabr' 37 no.3:158-163 Mr '60.

What is communism. Fedor Panferov. Oktiabr' 37 no.1 103-122 Ja '60.

RUSSIA—STATISTICS

A book on the great advantages and achievements of socialism ("The national economy of the U.S S R in 1958, a statistical yearbook " Reviewed by G Korotych). Komm.Mold. 5 no.2 77-80 F '60.

History of the development of the balance sheet method in the Soviet Union. T.V.Riabushkin. Uch.zap.po stat. 4,21-49 '59.

In the language of the statistician. Sov.Soiuz no.8:5 '57.

Statistical methods of comparing national wealth and calculating accumulations of capitalist countries. Accumulations in the national economy of prerevolutionary Russia. Al'b.L.Vainshtein. Uch.zap.po stat. 4 110-138 '59

System of the planned balance of the national economy. M.Z.Bor. Uch.zap.po stat. 4:50-62 '59.

RUSSIA—UNDERGROUND LITERATURE

A history of the methods of transporting Lenin's "Iskra" into Russia through Bulgaria. A.M.Shaitman. Nauch. dokl.vys.shkoly;ist.nauki no.4:173-188 '59.

RUSSIA, NORTHERN—AERONAUTICS

In the Far North. Grazhd.av. 17 no.1:34 Ja '60.

RUSSIA, NORTHERN—AGRICULTURE

Our North. Vladimir Elagin. IUn.nat. no.1:30-32 Ja '60.

RUSSIA, NORTHERN [illegible]

Sakharov, A. M. [illegible] 14th-15th century [illegible] XIV-XV vekov. [illegible] Izd-vo Mosk. univ., [illegible]

RUSSIA, NORTHERN [illegible]

Strelkov, S. A. [illegible] the Soviet Arctic [illegible] Arktiki. Moskva, [illegible]

RUSSIA, NORTHERN [illegible]

Late [illegible]

RUSSIA, NORTHERN [illegible]

Into intense cold [illegible]

RUSSIA, NORTHERN [illegible]

RUSSIA, NORTHERN [illegible]

RUSSIA, NORTHERN [illegible]

Comparative [illegible]

RUSSIA, NORTHERN [illegible]

RUSSIA, NORTHERN [illegible] AND [illegible]

RUSSIA, NORTHERN [illegible]

RUSSIAN [illegible]

RUSSIAN [illegible]

Results [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

[illegible] dictionary of word [illegible] the Russian language [illegible]

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible] TEXTBOOKS

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible] VERB

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible] BIBLIOGRAPHY

RUSSIAN LANGUAGE [illegible]

RUSSIAN LANGUAGE [illegible]

SAINFOIN

Recent developments in the [illegible] Batner [illegible] 960

SAINFOIN—FERTILIZERS AND MANURE

Unfounded [illegible] to sainfoin [illegible] 3 no. 2 [illegible]

SAKHALIN—MINK

Mink on Sakhalin [illegible] 14 My '60

SAKHALIN—SEALS (ANIMALS)

Hair seals [illegible] rod [illegible]

SAKHALIN PROVINCE, see Sakhalin

SAL STEPPE—SOIL [illegible]

Serious threat to shelterbelts [illegible] Ferm [illegible] '60.

SALAIR RANGE—BRACHIOPODA [illegible]

New genus of spiriferids [illegible] northeastern slope of the Salair [illegible] Dokl. AN [illegible]

SALEKHARD REGION—PALEO[illegible]GRAPHY

Preliminary data [illegible] deposits in the [illegible]

SALICYLIC ACID

Photometric determination [illegible] molybdic acid [illegible] Notman, P. I. [illegible]

Treatment of [illegible] amide [illegible]

SALIENTIA see Anura

SALINOMETER

Improving the [illegible] renko, [illegible]

SALIVA

Saliva. V. P. Mikhe[illegible]

Study of the salivary [illegible] establishing hygienic [illegible] of water [with [illegible]] A. I. Kondratenko [illegible]

SALIVARY GLANDS—TUMORS

Mixed tumors of the salivary glands [illegible] Zdrav. Turk. [illegible]

SALMON—DISEASES AND [illegible]

(see also [illegible] western)

Materials on the [illegible] and disease in [illegible] Shishonok [illegible]

SALMON—PARASITES see [illegible]

SALMONELLA

(see also [illegible])

Change in the [illegible] experimental [illegible] of the [illegible] G. K. Kalashnik [illegible] 31 no. [illegible] Ja '60

Comparative study of the [illegible] fractions [illegible] mary in English) [illegible] A. G. Epstein [illegible] 50-55 Ja '60

Detection and differentiation [illegible] laboratory during [illegible] mary in English. [illegible] Finman, [illegible]

Effect of the physical [illegible] virulence of the bacteria [illegible] vich. Trudy VIEM [illegible]

Fatal case of [illegible] Komaleva, [illegible]

Preservation of [illegible] Dervis, [illegible] 79-81 [illegible]

Rare case of Salmonella [illegible] Zhur. mikr. [illegible]

SALMONELLA TYPHIMURIUM

Clinical and path [illegible] infection in children [illegible] Alekseev, M. I. [illegible] mikrob. i epid. i immun. [illegible]

SALMONELLA TYPHOSA see [illegible]

[illegible]

SAMOILOV, D.

Poetry of adventure (Nightingale's complaint by D. Sa[illegible] moilov. [illegible] L. Fillmore) Neva no. 2:199 [illegible]

SAMPLING

[illegible]

SANATORIUM CHANGES

[illegible]

SANATORIUMS

(see also [illegible] Bratislava, [illegible])

[illegible]

SAND

[illegible]

Effect of [illegible]

[illegible]

[illegible] filters for [illegible]

SAND—PHYSICAL PROPERTIES see subdivision under [illegible]

SAND—FOUNDRY

[illegible]

SAND AND GRAVEL PLANTS

(see also [illegible])

[illegible] stations [illegible]

SAND AND GRAVEL PLANTS—EQUIPMENT AND SUPPLIES

[illegible]

SANDS

[illegible]

SANDSTORMS

[illegible] translated from the [illegible]

SANDWICH MACHINES

[illegible] A. I. Kats, L. N. Merkin, [illegible]

SANDSTONE—PERMEABILITY see subdivision [illegible]

SANGUINARIA

[illegible]

SANGAR REGION [illegible] BASIN—COAL GEOLOGY

[illegible]

SANITARY CHEMISTRY see subdivision under [illegible]

SANITARY ENGINEERING

[illegible] operations [illegible] regulations [illegible]

[illegible] sanitary engineering [illegible]

[illegible] sanitary regulations [illegible]

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES
Plastic pipes and sanitary engineering fittings A M Koniushkov Opyt stroi no 24 8-27 '59

SANITATION see subdivision under Moskva River

SANITATION, HOUSEHOLD
Present conditions and immediate problems in domestic hygiene. V. Z. Martyniuk. Vrach. delo no. 12 1309-1311 D '59.

SANSKRIT LITERATURE—HISTORY AND CRITICISM
A jewel of ancient Indian culture ("Rāmāyana" Translated from the Sanskrit Reviewed by V Pashchenko) Ukraina no 3 27 F '60

SAPOZHOK DISTRICT—WOMEN AS FARMERS
Women of Ryazan Province. N. Matorina. Agitator no. 4·47-49 F '60.

SARANSK—AIRPLANES—MODELS
Where are all the clubs? A. Konkin. Kryl. rod. 11 no. 1;23 Ja '60.

SARAPUL—WASHING MACHINES
"Kama-2." IU. Prokof'ev. Prom. koop. 14 no. 1;6-7 Ja '60.

SARATOV—APARTMENT HOUSES—MAINTENANCE AND REPAIR
Work and needs of the apartment-house maintenance workers of Saratov I Makhnovskii Zhil -kom khoz 10 no 2 4-5 '60

SARATOV—BUILDING MACHINERY
Higher standards for mechanization of construction operations I Snarskii. Ekon stroi. no. 1;67-68 Ja '60

SARATOV—CHEMICAL INDUSTRIES
The chemical industries of the Volga Valley are rising. G Kulikovskaia. Ogonek 38 no 6 6-7 F '60.

SARATOV—CONVEYING MACHINERY
Assembling a large-block conveyer at the Structural-Glass Plant I T. Chumadin. Nov. tekh. mont i spets. rab. v stroi. 22 no 1,11-12 Ja '60.

SARATOV—GAS DISTRIBUTION
New methods in planning urban gas supply systems. N. Nikitin, M Kuprianov Zhil. -kom khoz 10 no. 1·20-21 '60

SARATOV—LIBRARIES—GIFTS, LEGACIES
A gift from Valentina Ivanovna Stepanova. G. Kulikovskaia. Moskva 3 no. 12;209-210 '59.

SARATOV—MEDICINE—STUDY AND TEACHING
In the Collegium of the Ministry of Public Health of the R. S. F. S. R. Shortcomings in the work of the Saratov Medical Institute. D. A. Bassalyk. Zdrav. Ros. Feder. 4 no. 3:40-41 Mr '60.

SARATOV—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
Hydrogenation in column-type units. R. I. Spinov, B. N. Chubinidze. Masl. -zhir. prom. 26 no. 2:16-19 F '60.

SARATOV PROVINCE—KINDERGARTENS
Kindergarten on a collective farm. T. Grekhova. Doshk. vosp. 33 no. 3·55-57 Mr '60.

SARATOV PROVINCE—QUARRIES AND QUARRYING
Work mechanization in the Pugachev Quarry. F. Konoplev. Avt. dor. 23 no. 1·29 Ja '60.

SARATOV REGION—LIVER FLUKE
Materials on the study of parasites of fishes and man in the Saratov region of the Volga flood plain T. P. Boeva. Trudy sov. Ikht. kom. no. 9:206-207 '59.

SARINGULIAN, MIKHAIL KHACHATUROVICH
Review of the book "English-Russian dictionary of library and bibliographical terms" compiled by M. Kh Saringulian Reviewed by TS. M. Berdichevskaia Trudy Gos. bibl SSSR 3 171-176 '59.

SARTRE, JEAN PAUL, 1905-
Sartre and the youth problem. Inostr. lit. no. 12;216-218 D '59.
Shattering of illusions; new plays by Sartre and Anouilh. T. Bachelis. Teatr 21 no. 2·178-183 F '60.

SARY-TASH REGION (OSH PROVINCE)—SOLAR RADIATION
Some features of heat balance in the Sary-Tash region of the Alay Valley. F. A. Muminov. Meteor i gidrol. no. 5 28-31 My '60.

SASOVO (RYAZAN PROVINCE)
Sasovo, a small town near Ryazan. Vladimir Kantorovich. Moskva 3 no. 12;151-159 '59.

SATELLITES, ARTIFICIAL see Artificial Satellites

SATIRE
"Militant pencil." V. Matafonov, L. Pavlova. Neva no. 2· 195-200 '60.

SATURN (PLANET)—SPECTRA
Experience in the spectrophotometry of Saturn. V. G. Teifel', IA A. Teifel' Trudy Sekt. astrobot. AN Kazakh SSR 7 64-68 '59

SAUREL—PARASITES see Parasites—Saurel

SAUSAGE CASINGS
New method of drying intestines. A. TSion. Mias. ind. SSSR 31 no. 1·21 '60.

SAUSAGES
(see also subdivision under Bashkiria, Germany, West)
Dynamics of the changes in the content of phenolic substances during the smoking and drying of hard smoked sausages D. V Pavlov, I. I. Kargal'tsev Izv. vys. ucheb. zav, pishch tekh no. 6 127-129 '59.

SAVIN, ALEKSANDR NIKOLAEVICH, 1873-1923
A study of the methodological basis of A. N. Savin's historical views. B. G Mogil'nitskii. Sred. veka no. 16 102-124 '59.

SAVITSKII, ROMAN IANUAROVICH
Swashing rapids of the Cheremosh River... Petr Ingul'skii. Sov. Ukr. 9 no. 9·131-134 S '59.

SAWMILLS
Sawing and technology of sawmilling. A. Belinkii. Les. prom 38 no. 1;24-26 Ja '60.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Interrelations of Archean and Proterozoic formations in the southern part of the Eastern Sayan Mountains. V. K. Man'kovskii, A F. Tashchilov. Dokl. AN SSSR 132 no. 4 903-906 Je '60.
Position and age of some strata in the zone of the main fracture of the Eastern Sayans. K. A. Kittin. Dokl. AN SSSR 132 no. 3·662-665 My '60.

SAYAN MOUNTAINS—PALEONTOLOGY
Find of new fossils in the lower Cambrian of the Eastern Sayan Mountains. K. V. Radugin. Trudy Gor. -geol. inst. Zap. -Sib. fil. AN SSSR no. 17,201-202 '56.

SAYINGS see Proverbs

SAZHIN, PETR ALEKSANDROVICH
Tale about fishermen ("Tramontana" by P. Sazhin. Reviewed by G. Munblit) Novyi mir 35 no 11;254-258 N '59.

SCAFFOLDING
New building technology. Stroitel' no. 1·20-22 Ja '60.
Portable tablelike scaffold to be used in interior decorating. Rats. i izobr. predl. v stroi. no. 12:44-46 '59.

SCALE INSECTS see subdivision under Maritime Territory, Yunnan Province

SCALES (WEIGHING INSTRUMENTS)
DS-800 automatic scales for weighing beets. V. N. Tret'iakov. Sakh. prom. 34 no. 2 37-38 F '60.

SCANDINAVIA—RELATIONS (GENERAL) WITH RUSSIA
From the gray haired antiquity to our days. V. Pokhlebkin. Kul't. i zhizn' 4 no. 1;56-58 '60.

SCANDIUM
Factors determining the geochemical distribution of scandium [with summary in English]. V. V. Shcherbina Geokhimiia no. 8:711-715 '59.

SCANDIUM—ANALYSIS
Quantitative determination of scandium in ores by spectrum analysis [with summary in English]. V. M. Alekseeva, A. K. Rusanov. Zhur. anal. khim. 15 no. 1; 27-30 Ja-F '60.
Quantitative determination of scandium with mandelic acid [with summary in English]. I. P. Alimarin, Shên Han-hsi. Zhur. anal. khim. 15 no. 1.31-35 Ja-F '60.

SCANDIUM PEROXIDE
Scandium peroxide. G. B. Seifer, E. A. Ionova. Zhur. neorg. khim. 5 no. 1;223 Ja '60

SCARLET FEVER
Control of scarlet fever. L. A. Popova. Med. sestra 19 no. 3;9-14 Mr '60.
Effectiveness of bicillin-3 in the prophylaxis of scarlet fever complications in the otorhinolaryngological organs Preliminary report. A. A. Eivazov. Azerb. med. zhur. no. 1:46-50 Ja '60.

SCENE PAINTING
Decorations for Soviet plays on contemporary themes. Inna Solov'eva. Iskusstvo 22 no. 5;5-11 '59.

SCHIFF BASES
Catalytic condensation of Schiff bases, synthesized from 4-aminodiphenyl and aromatic aldehydes, with aliphatic-aromatic ketones. N. S. Kozlov, Z. A. Abramova. Dokl. AN SSSR 132 no. 4:839-841 Je '60.

SCHILLER, FRIEDRICH VON, 1759-1805
Friedrich Schiller, bard of peace; on the 200th anniversary of his birth F Ovchinnikova Zvezda no 11 219-221 N '59

SCHILLER, JOHANN CHRISTOPH FRIEDRICH, 1759-1805
Friedrich Schiller and the Soviet Ukrainian theater. V. Khorol. Mystetstvo 6 no. 6·42-44 N-D '59

SCHIZOPHRENIA
Problem of so-called heboid psychopathia. S. H TSitsiashvili Sud -med ekspert 3 no 1;50-54 Ja-Mr '60

SCHOOL CHILDREN—FOOD
(see also subdivision under Chelyabinsk Province)
[Nutrition for the schoolchild; a book on how to feed the schoolchild correctly for health, agility, and strength] Pitanie shkol'nika, kniga o tom, kak pravil'no kormit' shkol'nika, chtoby on vyros zdorovym, lovkim i sil'nym. Moskva, Gos. izd-vo torg. lit-ry, 1959. 222 p.
School lunches in foreign countries. V. A. Grachev. Vop. pit. 19 no. 1·85-88 Ja-F '60.
Take better care of school children's food! V. Zakharov. Obshchestv. pit. no. 1;3-5 Ja '60.

SCHOOL DISCIPLINE
Concerning the formation among fifth-grade pupils of a responsible attitude toward their duties [in Ukrainian with summary in Russian]. O. I Zhavoronko. Nauk. zap. Nauk. -dosl. inst psykhol. 10;159-193 '59.

SCHOOL EXCURSIONS
(see also subdivision under Moscow)
Excursions and hikes as a means of educating children. T. P. Tugarina. Det. dom 15 no. 4;22-27 '59.
Organizing excursions to factories A. I. Mozhaev. Politekh. obuch. no. 12 55-58 D '59

SCHOOL GARDENS
(see also subdivision under Lakhdenpokh'ya)
Role of duty hours in the inculcation of diligence. L. E. Obraztsova. Dosh. vosp. 33 no. 2·17-21 F '60.

SCHOOL HYGIENE
Sanitary evaluation of the soils of school and kindergarten grounds. S. V. Chilingarova, A. S. Gabashvili, N. D. Sokhadze. Gig. i san. 25 no. 1;104-106 Ja '60.

SCHOOL LIBRAIRES
Important sector of ideological work G. Egorova Prof. -tekh. obr. 17 no. 1 22-24 Ja '60
We teach them to love and understand books. I. Kas'ianova Prof. -tekh obr. 17 no 1 24-25 Ja '60.

SCHOOL LUNCHROOMS, CAFETERIAS, ETC.
(see also subdivision under Leningrad)
Convenient and inexpensive. L. Aleksandrova. Obshchestv. pit. no. 1·6-8 Ja '60.

SCHOOL SUPERVISION
(see also subdivision under Yaroslavl)
From the experience of an inspector. O. I. Grigor'eva. Dosh. vosp. 33 no. 2;15-16 F '60.

SCHOOLHOUSES
(see also subdivision under Dolgaya District)
Let's construct solid buildings for children's institutions on collective farms. I. Padezhnov. Doshk. vosp. 33 no. 3;7-10 Mr '60.

SCHOOLS see subdivision under Poland

SCHOOLS—FURNITURE, EQUIPMENT, ETC.
Student's desk for school geography study rooms. V. R. Glasko. Geog. v shkole 23 no. 1;76-78 Ja-F '60.

SCHROEDINGER, ERWIN, 1887-
Award of the diploma of foreign members of the Soviet Academy of Sciences to E. Schroedinger. Vest. AN SSSR 30 no. 5;81 My '60.

SCHUMANN, ROBERT ALEXANDER, 1810-1856
Remarks on musical romanticism. D. Zhitomirskii. Sov. muz. 24 no. 2;16-28 F '60.

SCIENCE
(see also subdivision under Karelia; Kola Peninsula; Leningrad; Spain)
Changes brought by a single decade. Znan. sila 35 no. 1· 39 Ja '60.
In the council of the History of Science Section of the International Union of the History and Philosophy of Science. N. F. Vop. ist. est. i tekh. no. 8;187-188 '59.
In the Institute of the History of Natural Science and Technology of the Academy of Science of the U.S.S.R. M. I. Mosin. Vop. ist. est. i tekh. no. 7;193-194 '59.
Lenin and natural science. M. Vil'nyts'kyi, P. Dyshlevyi. Nauka i zhyttia 8 no. 4;1-4 Ap '58.
"The mechanical interpretation of the world" [in German] by E. J. Dijksterhuis. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no. 7;179-181 '59.
People, years, and events. Znan. ta pratsia no. 1·16-19 Ja '60.
Plenary session of the Committee of the Soviet National Association of Historians in Science and Technology. M. I. Mosin. Vop. ist. est. i tekh. no. 8;187 '59.

SCIENCE (Continued)
Review of Anneliese Maier's books "Galileo's forerunners in the 14th century", "Two basic problems in scholastic natural philosophy", "On the boundary between scholasticism and natural science", "Metaphysical background of late scholastic natural philosophy" [all in German]. V. P. Zubov. Vop. ist est i tekh no. 3·162-165 '59
Revisions brought by a single decade. Znan -sila 35 no. 2.44 F '60.
Science today and tomorrow. Sov. Soiuz no. 11·36 '58.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—HISTORIOGRAPHY see subdivision under Armenia, Leningrad; Ukraine

SCIENCE—INTERNATIONAL COOPERATION
Negotiations between the Soviet, Czech, and Slovak Academies of Sciences. Vest. AN SSSR 30 no. 5·80 My '60.
Sir Rudolph Peters on the coordination of scientific endeavor Nov vrem 18 no. 22 15 My '60

SCIENCE—PERIODICALS
Editorial board of the "Doklady" of the Academy of Sciences of the U.S S.R. Vest. AN SSSR 30 no. 5·89 My '60.

SCIENCE—PHILOSOPHY
An experiment in the methodological analysis of scientific discoveries. B. M. Kedrov. Vop. filos. 14 no. 5·63-78 '60.
Lenin and science. A. V. Topchiev. Vop. filos. 14 no. 5: 3-14 '60.
Saratov. Universitet. [Philosophical problems in present-day natural sciences] Nekotorye filosofskie voprosy sovremennogo estestvoznaniia. [Saratov] Izd-vo Saratovskogo univ., 1959. 131 p.

SCIENCE—STUDY AND TEACHING
We will justify the high confidence invested in us. N. N. Mesiatsev Nauka i zhizn' 27 no. 1,42-44 Ja '60.

SCIENCE AND LITERATURE see Literature and science

SCIENCE AND RELIGION see Religion and science

SCIENCE CLUBS
Developing students aptitude for science and technology I. B. Dukhovnyi. Politekh. obuch. no 12 72-73 D '59

SCIENCE FICTION
In a hundred and in a thousand years; remarks on literature devoted to the future. IUrii Rurikov. Novyi mir 35 no 12 228-245 D '59
Without rebate; concerning science fiction. A. Siniavskii. Vop. lit. 4 no. 1:45-59 Ja '60.

SCIENCE FICTION—TECHNIQUE
A craving for lucidity (what is science fiction?). D. Danin. Novyi mir 36 no. 3:207-226 Mr '60.

SCIENTIFIC RECREATIONS
Table laboratory Tekh. mol 28 no. 1 39 '60

SCINTILLATION COUNTERS
Measurement of the radioactivity of liquids by scintillation counters A. I. Nisnevich. Zav. lab 26 no. 2: 175-177 '60.
Single-channel differential amplitude analyzer. A. A. Khaidarov, M. N. Romanov, A. P. Novikov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 5 64-70 '59.

SCRAPERS
Efficiency of self-propelled scrapers. M. I. Ritov. Stroi. i dor. mashinostr 5 no. 1:25-26 Ja '60.

SCREW CUTTING
Cross feed of tools in automatic thread cutting. V. I. Biriukov, E. L. Markhasin. Trudy MNI no. 20:178-184 '57.
Effect of the adjustment of a copying drum on the accuracy of automatic thread cutting. V. I. Biriukov, E. L. Markhasin. Trudy MNI no. 20:185-188 '57.
Technological processes for cutting screw-shaped impellers for screw pumps. B. I. Shvartsburd. Trudy VNIINMASH no. 1·61-87 '59.
Transformation of the geometry of thread tools while cutting large threads. V. I. Biriukov, E. L. Markhasin. Trudy MNI no. 20:172-177 '57.

SCREW CUTTING MACHINES
Automatic spring back of the cutter in cutting screws. Mod metallorezh. stan no. 6·8-9 '59.
Automation of thread-cutting machines by mounting a charging device. P. A. Zabrodskii. Mod. metallorezh. stan. no. 2;27-32 '58.
Charging device for the TN-20-type screw-cutting lathe. Mod. metallorezh. stan. no. 2:32-35 '58.
Charging device for thread-rolling machines. M. M. Shiferson Mod. metallorezh. stan. no. 2,24-26 '58.
Electric braking of spindles on screw-cutting lathes made by the Leve Company. Mod metallorezh. stan. no 6: 9-11 '59.
The KT64 type screw-cutting lathe with oil-hydraulic equipment. IU. G. Rubinchik. Biul. tekh.-ekon. inform. no. 1·15-16 '60.
Modernizing the feeding mechanism of the puppet head of the thread-milling machine made by the Hasse-Wrede Company. Mod metallorezh stan no 7·8-9 '58

SCREW-CUTTING MACHINES—ATTACHMENTS
Using boring heads on screw-cutting lathes. Mod metallorezh. stan no 10 15-20 '59

SCREW-CUTTING MACHINES—ELECTRIC DRIVING
Modernizing the gearbox drive of the MTV-150 type screw-cutting lathe Mod metallorezh stan no 6 13 '59

SCREW-CUTTING MACHINES—TECHNOLOGICAL INNOVATIONS
Automation of the "Udmurt" screw-cutting lathe M. O. Pezik Mod metallorezh. stan no. 14:3-10 '59
Four-way tool holder for the DL-2 type screw-cutting lathes made by the Kerger Company Mod. metallorezh stan. no. 10:13-15 '59
Mechanical puppet feed during drilling. V. A. Perl'shtein Mod metallorezh. stan no 10·27 '59.
Mechanizing and combining operations on screw-cutting lathes. Mod. metallorezh. stan no 14 38 '59
Modernizing the chuck-collet unit of the TS-135 screw-cutting lathe. Mod. metallorezh. stan no 6 13-15 '59
Modernizing the 507 type bolt-threading machine. Mod metallorezh stan. no 13 22 '59
Modernizing the nose support of spindles of the 1616 type screw-cutting lathe Mod metallorezh stan no. 6 11-13 '59.
Modernizing the PI VI type thread-rolling machine made by the Hahn and Kolb Company Mod metallorezh. stan. no. 13 18-21 '59
S. S. Khokhlov. V. G. Vangaeva. Mashinostroitel' no. 2 4 F '60.
Structural changes added to the standard plan of modernization of the 1615 type screw-cutting lathe. Mod metallorezh. stan. no. 14 41-53 '59.
Using a copying rule on the TV-320 type screw-cutting lathes. Mod. metallorezh stan. no 14 38 '59.
Using screw-cutting lathes for broaching. Mod. metallorezh. stan no. 10·23-26 '59.

SCREWS
Precision calculation of screw pairs. M. M Savin. Trudy NPI 46 111-135 '58.

SCREWS, THEORY OF
Determining the areas of helicoids. L. IA. Metsoian. Sbor. nauch rab. INKH no. 15 pt. 2 39-57 '59.

SCULPTURE see subdivision under Leningrad

SEA URCHINS
Cytochemical studies on the developing eggs on the sea urchin [with summary in English]. L. I. Pavlova. Trudy LSGMI 43;81-95 '59.

SEA WATER
Developing a method for softening sea water to be used in the production of weighted clay muds. K. F. Zhigach, D. D. Kuryshev. Trudy MNI no. 20,103-113 '57.
Relation between values for the permanganate oxidation of White Sea water in neutral and alkaline media. V. G. Datsko, M. P. Maksimova. Izv. Kar. i Kol'. fil. AN SSSR no. 4:142-145 '59.
Resuming the output of normal sea water in the Soviet Union. M. P. Nesterova. Probl. Arkt. no. 5 111-112 '58.

SEA WATER—COMPOSITION
Effect of extracts of Cystoseira and Phyllophora on some microphytes. IU. G. Kababova. Trudy Inst. okean. 30: 156-165 '59.
Molecular escape of salts from sea water through sublimation. L. I Beliaev. Trudy MGI 16;112-126 '59.

SEALS (ANIMALS) see subdivision under Sakhalin

SEALS (NUMISMATICS) see subdivision under Byzantine Empire

SEAMANSHIP—STUDY AND TEACHING
Creation of a methodological center Mor. flot 20 no 1;47 Ja '60

SEASONS
Presenting the concept of seasons in a school course on astronomy T. Shul'gina. Uch zap MGPI 118 113-119 '57.

SEBACIC ACID
Carbochain polymers and copolymers. Part 19: Interaction between polymethyl methacrylate and polyethylene sebacate [with summary in English]. G. S. Kolesnikov, Tsêng Han-ming. Vysokom. soed 1 no. 11:1733-1738 N '59.

SECHENOV, IVAN MIKHAILOVICH, 1829-1905
A life of I. M. Sechenov ("Sechenov" by M. IAnovskaia. Reviewed by IU. Frolov). Oktiabr' 37 no. 2;215-217 F '60.

SEDGES
Epiphytic sedge. A. A. Popov. Priroda 49 no. 5.111-112 My '60.

SEDIMENTARY ROCKS see Rocks, Sedimentary

SEDIMENTATION AND DEPOSITION
Chemical composition of Permian clay deposits, as related to the facies conditions of sedimentation. N S. Spiro. Trudy NIIGA 98 77-89 '59.
Relationship between the carbonate content of clay rocks and the facies conditions of sediment formation. N. S. Spiro, I S. Gramberg. Trudy NIIGA 98·73-76 '59
Use of manganese for the reconstruction of oxidation-reduction potential during the period of sediment formation. N S. Spiro, I. S. Gramberg, TS. L. Vovk. Trudy NIIGA 98 90-100 '59.

SEDIMENTS (GEOLOGY)
(see also subdivision under Anabar Valley; Arctic regions, Crimea; Khatanga Valley)
Zones of transported terrigenous material and crustal movements [with summary in English] B. P. Zhizhchenko. Sov. geol. 2 no. 12 12-18 D '59

SEED ADULTERATION AND INSPECTION
Naumova, N. A. [Seed analysis for fungal and bacterial infection] Analiz semian na gribnuiu infektsiiu. Izd. 2. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 196 p.
(DA)

SEED INDUSTRY
Vacuum cleaner in the service of science. S. Grigor'eva. Znan. sila 35 no. 1 6-7 Ja '60

SEED POTATOES
Greening seed potatoes before winter storage. N. V. TSitsin, L. S. Zagorodnii, M. N. Sileva. Priroda 49 no. 5 94-95 My '60.

SEED POTATOES—STORAGE
Review of D. I. Zhukovskii's article "Proper storage methods for seed potatoes." V. V. Savel'ev. Biul. MOIP. Otd. biol. 64 no. 6 169 N-D '59.

SEEDS
Ability of seeds to resist ultralow temperatures. G. A. Samygin, V. N. Varlamov, N. M Matveeva Fiziol rast. 7 no. 1·97-100 '60.
A brief study of tree seeds. L E Mikhailov. Les. khoz 12 no. 1 71-72 Ja '60
Data on consumption of forest seeds by birds. V. D. Il'ichev. Les. khoz 12 no. 2·47 F '60

SEEDS—CLEANING
Good seed gives full ears. P. Zabaznyi. Agitator no. 4: 37-38 F '60.

SEEDS—DISINFECTION
Using granozan and mercuran for the disinfection of seeds before storage A. K Kiselev, T G Sinitsyna Les khoz. 12 no 2·42 F '60

SEEDS—GERMINATION see Germination

SEEDS, FOSSIL
Archaeological findings of grape seeds. A. M. Negrul'. Sov. arkheol. 4 no. 1·111-119 '60.

SEGEZHA—RAILROADS
With the enthusiasm of communist youth. L. Troitskii. Put' i put. khoz. 4 no. 2·22-23 F '60.

SEGHERS, ANNA, pseud. see Radvanyi, Netty (Reiling), 1900-

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING
(see also subdivision under Kara Kum)
Deep-water seismic prospecting method [in Azerbaijani with summary in Russian]. IU. G. Ganbarov. Azerb. neft. khoz. 38 no. 11:3-5 N '59.
Field tests of models of apparatus for the generation of seismic waves through direct contact. A G. Rudakov. Vop. din. teor raspr. seism voln no. 2:197-201 '59.
Observation methods in seismic logging. N. I. Berdennikova, V. V Zhadin, A. G. Rudakov Vop din teor. raspr seism. voln no 2:175-186 '59.
Some experimental investigations on the dynamic characteristics of seismic pulse generation by impact. A. G Rudakov, T. M. TSymbal. Vop. din teor raspr. seism voln no. 2·157-174 '59
Some manifestations of anisotropy in layered media observable during the propagation of transverse waves N. I Berdennikova Vop din. teor. raspr seism voln no. 2·187-196 '59
Studying the composite surface relief of vertically stratified media by systems of longitudinal seismic profiles. G. N. Pariiskaia. Trudy Inst. fiz. zem. no. 6:283-319 '59.

SEISMIC WAVES
(see also subdivision under Atlantic Ocean; Pacific Ocean; Soviet Far East)
Characteristics of the direction of the controlled directional sensitivity method in summation of recordings of seismic waves having nonlinear cophasal axes A. V. Trigubov. Izv. vys. ucheb. zav.; neft' i gaz 2 no. 12:11-17 '59.
Intensity of certain types of composite refracted waves. V. P Gorbatova. Vop. din teor. raspr seism. voln no. 2 240-267 '59

SEISMIC WAVES (Continued)

Theoretical and experimental investigation of Love waves. Part 1. Theory. D. K. Ozerov. Vop. din. teor. rasp. seism. voln. no. 2:5 [illegible] '59.

Theoretical and experimental investigation of Love waves. Part 2. Experiment. D. K. Ozerov, A. P. Volin. Vop. din. teor. rasp. seism. voln. no. [illegible] '59.

Some investigation on multiple reflection of waves from an overlying interface. [illegible] Pogonailo, L. I. [illegible] Vop. din. teor. rasp. seism. voln. no. [illegible] '59.

Some results of [illegible] formulas for the amplitude of reflected waves. [illegible] Lapin [illegible] [illegible] '59.

SEISMOLOGICAL RESEARCH

(see also subdivision under Leningrad)

Theoretical and experimental work during 1957. Part [illegible] K. I. Ogurtsov, D. K. Ozerov. Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

SEISMOLOGY

(see also subdivision under Czechoslovakia)

"Seismology" [in English] by J. Wartnaby. Reviewed by I. V. Pattunikova. Vop. ist. est. i tekh. no. 8:172-173 '59.

SEISMOMETERS

Determining electronic constants of [illegible] the [illegible] D. I. Dubovik, M. A. Detkova. Vop. din. teor. rasp. seism. voln. no. [illegible]

Multi-channel [illegible] seismograph [illegible]

Seismoscope with [illegible] and [illegible] recording [illegible] A. A. [illegible] Vop. din. teor. rasp. seism. voln. no. [illegible] '59.

A small low-frequency [illegible] seismograph with [illegible] V. V. [illegible] Vop. din. teor. rasp. seism. voln. no. [illegible]

SEISMOMETRY

Apparatus for [illegible] of seismic waves [illegible] [illegible] Vop. din. teor. rasp. seism. voln. [illegible]

Approximate [illegible] [illegible]

Averaging [illegible] [illegible]

[illegible]

[illegible]

Determination [illegible]

[illegible]

Experimental [illegible]

[illegible]

Frequency [illegible] elements of [illegible] Vop. din. teor. rasp. seism. voln. [illegible]

Frequency theory of seismic filtration. I. M. [illegible] Vop. din. teor. rasp. seism. voln. [illegible]

High-frequency seismic apparatus. A. A. [illegible] [illegible]

Investigating the spectral [illegible] of seismic waves [illegible] V. V. [illegible] Vop. din. teor. rasp. seism. voln. [illegible]

Practical [illegible] for the [illegible] of the analysis apparatus [illegible] frequency analysis of seismic waves. A. P. Volin, I. M. Gol'dman. Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

Problems in the frequency [illegible] F. M. Gol'dman. Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

Recording of [illegible] I. V. [illegible]

Recording of reflected transverse waves. A. P. Volin. Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

Relation between the [illegible] frequency [illegible] [illegible]

[illegible]

Some problems in interpreting [illegible] of [illegible] reflected waves. [illegible] '59.

Some uses of frequency analysis in seismological research. [illegible] Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

Some uses of nonlinear [illegible] for frequency transformations [illegible] I. M. Gol'dman and others. Vop. din. teor. rasp. seism. voln. no. 2:[illegible] '59.

Surface waves [illegible]

SELENIUM - ELECTRIC PROPERTIES

Effect of Tl and TlCl impurities of the conductivity and photoconductivity of selenium. I. P. [illegible] [illegible] no. 12:[illegible] D '59.

SELENIUM CHROMIUM ALLOYS see Chromium selenium alloys

SELENOLOGY see Moon

SELENOPHENE

Chemistry of selenophene. Part 20. 2-[illegible] selenophene and 2-propenyl [illegible] [illegible] N. N. [illegible] [illegible] no. 5:[illegible] My '60.

SELF-DEFENSE (LAW)

Self-defense. V. [illegible] [illegible] Ja '60.

SELF-GOVERNMENT (IN EDUCATION)

Children's council as a support of the teaching staff. [illegible] Sov. ped. [illegible] '59.

SELF-SERVICE STORES

Self-service shops. A. P. [illegible] [illegible] '60.

SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-1949

N. A. Semashko. [illegible] [illegible] '59.

SEMENOV, [illegible] 1914

[illegible] '59.

P. P. Semenov [illegible] A. M. [illegible] '59.

P. P. Semenov [illegible] I. V. [illegible] '59.

Petr Petrovich Semenov [illegible] [illegible]

SEMENOVSKIY [illegible]

[illegible]

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS

[illegible]

[illegible]

New [illegible] P. N. [illegible] '59.

New [illegible] N. A. [illegible] D '59.

Problem of the [illegible] [illegible]

[illegible] 1959. 421 p.

The [illegible] G. M. Avak'yants. [illegible] '59.

Volt-ampere characteristics of [illegible] P. V. [illegible] A. I. [illegible] D '59.

A [illegible] [illegible] '60.

[illegible]

SEMICONDUCTORS - CONDUCTIVITY

[illegible]

SEMIKARAKORSK - KINDERGARTENS

Day nursery and kindergarten in [illegible] F. A. [illegible] My '60.

SEMIPALATINSK - BAPTISTS

[illegible] the Baptist [illegible] V. [illegible] Kazakh. [illegible] '60.

SEMIPALATINSK - PACKING HOUSES

Means for fully utilizing the productive capacities of large packing houses. N. [illegible] '60.

[illegible] GOVERNMENT

[illegible]

[illegible] '60.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] '59.

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1924

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] '59.

[illegible] '60.

[illegible]

SERUM (Continued)

Electrophoretic analysis of sera of hyperimmunized horses [with summary in English] A. V. Markovich. Vop med khim 6 no 1'41-48 Ja-F '60

White mice as objects for the experimental determination of anaphylactogenic properties of therapeutic sera [with summary in English]. F.A.Chertkova, A.A Ushakova, A.A Kolchurina. Zhur. mikrobiol epid. i immun. 30 no.12 33-36 D '59.

SERUM THERAPY

Use of myelocytotoxic serum in radiation sickness [with summary in English]. M.F.Sbitneva. Pat. fiziol. i eksp. terap. 4 no.1 39-44 Ja-F '60.

SERVICE INDUSTRIES

(see also subdivision under Omsk, Riga; Ust'-Kamenogorsk, Volyn' Province)

The volume of work is growing. Are we ready for it? P.Khlebnikov. Prom.koop. 14 no.1,22-23 Ja '60.

SERVICE STATIONS

A service station every hundred kilometers. A.Keller. Za rul. 18 no.1:21 Ja '60.

SERVOMECHANISMS

Calculating servosystems for vector plotters. L.P.Shiniberov. Izv.vys.ucheb zav., prib no 1:97-105 '59.

Calculation and design of an electromechanical corrective device. E.S.Kavun. [Trudy] MVTU no.97'68-84 '59.

Calculation of optimum parameters of low-powered servo systems with a given structural schematic. V.A.Karabanov. [Trudy] MVTU no.97:23-29 '59.

Corrective characteristics of an a.c. servo system. E.S.Kavun. [Trudy] MVTU no.97'52-67 '59.

Improvement of dynamic characteristics of a.c. servo systems with quick response. V.N.Plotnikov. [Trudy] MVTU no.97:30-51 '59.

Increase in the dynamic precision of selsyn drive by introducing couplings through perturbance. V.G.Terskov. Trudy MAI no.113:27-54 '59.

Optimum control of a nonlinear system [with summary in English]. Sung Chien. Avtom.i telem. 21 no.1:3-14 Ja '60.

Qualitative analysis of tracking systems containing discrete elements. B.V.Anisimov, V.N.Golubkin. [Trudy] MVTU no.2:32-45 '59.

Stability of servosystems in the presence of random disturbances [with summary in English]. P.S.Landa. Avtom.i telem. 21 no.1 36-41 Ja '60.

Theory and calculation of transient processes in a choke-controlled hydraulic selsyn drive taking the nonlinear characteristics of the choke into account. N.A.Borisova. Trudy MAI no.113 55-66 '59.

Transient processes in a d.c. selsyn drive. B.I.Petrov. Trudy MAI no 113,5-26 '59.

SEVASTOPOL—MANUFACTURES

In a hero city. S Ivanov Prom.koop 14 no.2:34 F '60.

SEVASTOPOL—SIEGE, 1854-1855

A hero's sons. Anatolii Moldovanov. Sov.Ukr. 9 no.12:176-180 D '59.

SEVASTOPOL REGION—POTTERY, GREEK

Pitcher with relief figures of Asclepius and Hygieia V A. Anokhin Krat soob inst arkheol AN URSR no 8 166-168 '59

SEVERODVINSK—HOME AND SCHOOL

Parents committees of the Severodvinsk kindergartens. A.G.Samsonova. Dosh.vosp. 33 no.2:67 F '60.

SEWAGE—PURIFICATION

(see also subdivision under Aktyubinsk)

Combined purification of sewage and industrial waste waters N Lukinykh Zhil.-kom khoz. 10 no 2 13-14 '60.

Electrochemical purification of waste waters containing cyano compounds. IU.IU.Lur'e, V.E.Genkin. Zhur. prikl. khim. 33 no.2:384-389 F '60.

Purification of furfurole-containing waste waters by means of a biochemical filter E E.Drublianets, Z.T. Ivanova. Gidroliz. i lesokhim. prom. 13 no.1 10-11 '60.

Sanitary instructions for the construction and utilization of installations for treating city sewage. Gig. i san. 25 no.1:116-123 Ja '60.

Sewage from nonferrous rolling mills. E.E Grishina. Vod i san tekh no.2:12-15 F '60

Vasil'ev, G.V. [Purification of waste waters from enterprises of the textile industry] Ochistka stochnykh vod predpriiatii tekstil'noi promyshlennosti. Moskva, Gos nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1959. 227 p.

SEWAGE DISPOSAL see subdivision under Donets Basin; Sivash, Lake

SEWAGE DISPOSAL PLANTS see subdivision under Kohila-Jarve

SEWERAGE

Selecting types of sewer systems for populated areas. G Shigorin Zhil.-kom khoz 10 no 1:9-10 '60

SEWERS, CONCRETE

Using sectional reinforced concrete timbering in constructing sewer tunnels. Rats.i izobr.predl.v stroi. no.12:62-66 '59.

SEWING—STUDY AND TEACHING see subdivision under Shuya

SEWING MACHINES

Bobbin with a modified design. Prom.koop. 14 no.1:17 Ja '60.

SEX—CAUSES AND DETERMINATION

Forgotten article by A.O.Kovalevskii. E.N.Mirzoian. Vop.ist.est.i tekh. no.8:119-122 '59.

SEX HORMONES see Hormones, Sex

SEX IN PLANTS see Plants, Sex in

SEX ORGANS see Generative organs

SEYM VALLEY (KURSK PROVINCE)—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Chronology of the sites of ancient towns in the Kursk Seym Valley. A.E.Alikhova. Krat.soob.IIMK no.77: 15-20 '59.

SEYM VALLEY (KURSK PROVINCE)—POTTERY, PRIMITIVE

Chronology of the sites of ancient towns in the Kursk Seym Valley. A.E.Alikhova. Krat.soob.IIMK no.77: 15-20 '59.

SHADRINSK—PACKING HOUSES

Efficiency promoters improve the production. E.IAkimenko. Mias.ind.SSSR 31 no.1:32 '60.

SHADRINSK—POULTRY PLANTS

Efficiency promoters improve the production. E.IAkimenko. Mias.ind.SSSR 31 no.1:32 '60.

SHADRINSK DISTRICT—KINDERGARTENS

We are glad to help. K.Edzaeva. Doshk.vosp. 33 no.3: 74 Mr '60.

SHAFT SINKING

(see also subdivision under Czechoslovakia, South Africa, Union of; United States)

Erroneous instructions of Giprotsvetmet on the selection of linings for vertical mine shafts. Kh.I.Abramson Shakht.stroi. 4 no 2 26-27 F '60

Folding metal sheathing in Krivoy Rog Basin mines V M.Ryng and others Shakht.stroi 4 no.2 15-19 F '60.

Indicator of shaft inclination. V.I.Edunov. Shakht.stroi. no.1:23 Ja '60.

Klimov, S.L. [Accelerated sinking of directional shafts] Skorostnaia prokhodka naklonnykh stvolov. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1959. 112 p. (Obmen peredovym opytom)
(CU)

Reader's response to A K.Beketov's and N K Shafranov's article "Use of rope guides in vertical mine shafts" L M.Breslavskii Shakht.stroi 4 no 2 13-14 F '60.

Reducing excess rock removal during shaft sinking. V.A.Kuz'mov. Shakht.stroi. no.1:25-26 Ja '60.

Rod bolting for sheathings. D.S.Prokop'ev, E.A.Kutovoi. Shakht.stroi. no.1:24-25 Ja '60.

SHAFT SINKING—EQUIPMENT AND SUPPLIES

Headframes with two-sided arrangement of mining machines and winches. V.F.Lukichev. Shakht.stroi. no.1:12-15 Ja '60.

SHAFTING

Measuring torques of driving shafts. N.IA.Bilichenko, E.Kh.Zavgorodnii, E.M.Vysochin. Izm.tekh. no.1: 23-24 Ja '60.

Stress concentration in hollow chamfers of stepped axisymmetric shafts subjected to bending and torsion. A.S.Leikin. Probl.proch.v mashinostr. no.4:61-86 '59.

SHAKESPEARE, WILLIAM, 1564-1616

"Shakespeare on the Ukrainian stage"; an essay by I.Vanina. Reviewed by N.Antonova. Sov.Ukr. 9 no.7:169-171 Jl '59.

SHALE

(see also subdivision under Ovrush District; Volga Valley)

Shale phenols and their use as raw material for the synthesis of tanning materials. N.B.Filippova. Izv.vys. ucheb.zav., tekh.leg.prom. no.6:58-66 '59.

SHALIAPIN, FEDOR IVANOVICH, 1873-1938

Al'medingen, B.A. [Golovin and Shaliapin; a night under the roof of the Mariinskii Theater] Golovin i Shaliapin; noch' pod kryshei Mariinskogo teatra. [Leningrad] Leningr. khudozhnik, 1958. 47 p.
(CU)

SHALYM REGION (GORNAYA SHORIYA)—DIKES (GEOLOGY)

Postore dikes of quartz porphyries in the Shalym deposit of Gornaya Shoriya. V.A.Vakhrushev. Trudy Gor.-geol inst.Zap.-Sib.fil.AN SSSR no.17:49-52 '56.

SHANGHAI—COMMUNIST PARTY

The status of the working class and the beginning of the proletarian movement in Shanghai, 1919-1921. B.V. Vetrov. Nauch.dokl.vys.shkoly,ist.nauki no.4. 137-154 '59.

SHANGHAI—LABOR AND LABORING CLASSES

The status of the working class and the beginning of the proletarian movement in Shanghai, 1919-1921. B.V. Vetrov. Nauch.dokl.vys.shkoly,ist.nauki no.4: 137-154 '59.

SHANGHAI—RADIO—STUDY AND TEACHING

Pedagogical, methodological and scientific research at the East China Pedagogical University Ch'eng Yeh-k'ue Izv vys ucheb.zav ; radiotekh. 3 no 5:634-635 S-O '59

SHAVGULIDZE, GEORGII

Georgii Shavgulidze and his heroes. N.Gurabanidze. Teatr 21 no.2:115-118 F '60.

SHAVVAL'

Discovery and identification of ruins of the medieval settlement of Shavval' M.E.Masson Izv.AN Turk.SSR no.6:86-91 '59.

SHCHEPKIN, MIKHAIL SEMENOVICH, 1788-1863

"Great vocation"; tale about the Russian actor M.S. Shchepkin by L.Bat' Reviewed by I Aizenshtok Zvezda no 11,214-215 N '59

SHEAR (MECHANICS)

Plastic flow limit of fractured massifs in ore deposits. Zh.S.Erzhanov Izv vys ucheb zav., gor zhur no 8 41-44 '59

SHEBUEV, VASILII KOZ'MICH, 1777-1855

Vasilii Koz'mich Shebuev N.N.Rostovtsev. Uch.zap. Mosk gor ped inst. 61 157-186 '56

SHEEP see subdivision under Aktyubinsk Province, Kazakhstan, Ukraine

SHEEP—FEEDING AND FEEDS

Effect of sodium sulfate on live weight gains in Carpathian Mountain sheep. S.Z.Hzhyts'kyi, I A.Makar Dop UASHN 3 no 1:33-35 Ja-F '60

SHEEP—PARASITES see Parasites—Sheep

SHEEP—PHYSIOLOGY

Heat emission and gas exchange in imported Merinos and in native fat-tailed rams. P.F.Kiiatkin, I.A.Tapil'skii. Dokl.AN Uz.SSR no 12:47-50 '59.

SHEEP BREEDING see subdivision under Kazakhstan; Dzhezkazgan District

SHEET IRON

State of modern techniques in the production of sheet iron. A.I.Vitkin. Metallurg 5 no.1:27-30 Ja '60.

SHEET-METAL WORK

Die stamping the parts of a bucket chain for dredging machines. I.Korolev. Rech.transp. 19 no.1 48-49 Ja '60.

Effect of structure on the mechanical properties and stampability of aluminum-killed steel. V.M.Chirkin, V.K.Barzii. Stal' 20 no.1:74-77 Ja '60.

Kukhtarov, V.I., and O.V.Kukhtarov. [Dies for cold sheet stamping] Shtampy dlia kholodnoi listovoi shtampovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 320 p.

New way of preparing blades for cutter parts on agricultural machinery. I.A.Noritsyn, S.Sh.Ashaev. Kuz.-shtam.proizv. 2 no.1:10-14 Ja '60.

Use of high temperature homogenization in the manufacture of large, aluminum alloy, press-worked shapes. B.A.Livanov, T.N.Golokhmatova, G.A.Pastukhova. Issl.splav.tsvet.met no.2 72-83 '60.

Wedge devices for a simultaneous punching of holes in cylindrical parts. A.N.Mesniankin. Kuz.-shtam. proizv. 2 no.1:43-45 Ja '60.

SHEET-METAL WORK—TECHNOLOGICAL INNOVATIONS

Review of "Mechanization of stamping operations" by M.F.Emel'ianov. G.N.Rovinskii. Mekh.i avtom. proizv. 14 no.2:58 F '60.

S.I.Rozhkov. I.Baranov. Mashinostroitel' no.2:41 F '60.

SHEGDA, ANNA DMITRIEVNA

Model midwife. M.M.Ganits. Fel'd.i akush. 25 no.2: 60-61 F '60.

SHEININ, LEV ROMANOVICH, 1905-

"Military secret" by Lev Sheinin. Reviewed by Vl.Verov. Zvezda no.12:209 D '59.

SHENSI PROVINCE—PLANT COMMUNITIES

Restoring the original associations of steppe vegetation in the loess region of North China N. E. Kabanov. Biul. MOIP. Otd. biol. 64 no. 6 109-115 N-D '59.

SHEPETOVKA—TRANSPORT LIBRARIES

A library takes its part in the events of life P. Khmeliuk. Sots. kul't. 13 no. 1·31 Ja '60.

SHEREMET'EVA, EKATERINA

Concerning "shamefaced dots." Zvezda no 11·222 N '59

The intentions were of the very best... ("Heralds of spring" by E. Sheremet'eva. Reviewed by Inna Solov'eva). Novyi mir 36 no. 3:238-240 Mr '60.

SHEVCHENKO, ADRIAN SERGEEVICH

Stories of an old hunter ("The light before dawn" by A. Shevchenko. Reviewed by IAk. Nazarenko) Neva no. 12 194-195 '59

SHEVCHENKO, TARAS, 1814-1861

Rudnyts'kyi, IA. B. [Problems in the present-day study of Shevchenko] Naiblyzhchi zavdannia shevchenkoznavstva. Vinnipeg, 1958. 32 p. (Ukrains'ka vil'na akademiia nauk. Seriia: Litopys UVAN, 16)
(MH)

An unkown letter by V. N. Repnina to T. G. Shevchenko. G. Palamarchuk. Sov. Ukr 9 no 7 158-161 Jl '59

SHEVCHENKOVO DISTRICT—AGRICULTURE

Make due preparations for the spring of the second year of the seven-year plan. I. Kisternyi Sov deput. trud. no 1·35-39 Ja '60.

SHIELDING (ELECTRICITY)

Determination of the shielding coefficient of a cable sheath. K'ao Yu-k'ang Elektrosviaz' 14 no 2,66-70 F '60

SHIGELLA

Absorption of labeled antigen of Shigella newcastle from the intestine into the blood in laboratory animal experiments. Li Kuei. Zhur. mikrobiol epid i immun. 30 no. 12;30-33 D '59.

Comparative study of the antigen structure of protein fractions of bacteria of the intestinal group [with summary in English]. D. G. Kudlai, A. G. Skavronskaia, A. S. Spirin. Zhur. mikrobiol., epid. i immun 31 no. 1 50-55 Ja '60.

Data for the study of biological properties of dysentery strains investigated on chick embryos and in experimental dysenterial keratoconjunctivitis [with summary in English]. IU. A. Belaia. Zhur mikrobiol. epid i immun 30 no 12 44-47 D '59

Effect of hexose phosphates on the growth and certain metabolic reactions in dysentery bacteria and Escherichia coli [with summary in English] V I Ivanov, S. I Chermakhovei Biokhimiia 24 no 6 1020-1022 N-D '59

So-called yellow variants of dysentery pathogens and their epidemiological significance, author's abstract. G G Mirzoev Zhur mikrobiol epid i immun 30 no 12· 108-109 D '59

SHIGELLA PARADYSENTERIAE

Duration of survival of dysenterial bacilli in feces. M. S. Idina. Zhur mikrobiol. epid i immun 30 no. 12 91-95 D '59.

Etiological role of so-called gas-forming Newcastle dysentery bacteria V. D Smirnov Zhur. mikrobiol. epid. i immun. 30 no 12 123 D '59.

Relationship between certain unusual variants obtained during the process of variability from Flexner's bacillus V. F. Kondrat'eva. Zhur. mikrobiol epid. i immun. 30 no 12 109-110 D '59.

SHIKIMIC ACID

Shikimic acid in tea leaves. M. N. Zaprometov, E. I. Silina. Dokl. AN SSSR 132 no. 3:704-707 My '60.

SHIM, EDWARD

Signs of the time ("Night at the end of the month" by Edward Shim Reviewed by A. Pavlovskii) Novyi mir 35 no 11;258-261 N '59

SHINGLES

Shingle and tile roofs. A. Kozlovskii. Zhil. stroi. no. 1: 26-29 Ja '60.

SHIP HANDLING

Follow-up of articles published by "Morskoi flot" Mor. flot 20 no. 1 47 Ja '60

SHIP PROPULSION

Effect of a reduction in the propulsion speed on elements of maneuverability of a vessel. R. IA. Pershits, A. Sh. Afremov. Trudy NTO sud. prom. 8 no. 4:97-105 '59.

Efficient evaluation of the indispensable degree of a vessel's ability to keep on course. K. K. Fediaevskii. Trudy NTO sud. prom. 8 no. 4:71-96 '59.

SHIP RESISTANCE

Wave resistance of the ship in the presence of internal waves (under conditions of finite depth). P. N Uspenskii. Trudy MGI 18 68-84 '59

SHIPBUILDING

(see also subdivision under Kiev)

Discussion of reports. Trudy NTO sud. prom. 8 no. 3· 100-103 '59

Foreword IU G. Derevianko Trudy NTO sud prom. 8 no 3·4 '59

Industrial base lines for shipbuilding V I. Smirnov. Trudy NTO sud prom 8 no 3·15-44 '59.

Introducing a standard system of dividing ships into structural engineering, planning and accounting units and weight groups IU A Makedon Trudy NTO sud prom 8 no 2 23-33 '59.

Planning and accounting documentation is the basis of industrial planning and organization M A Pliaskov. Trudy NTO sud. prom 8 no 2·86-90 '59

Practices of ship division into planning and accounting units A M Shteinberg Trudy NTO sud prom 8 no 2:101-102 '59

Practices of the Central Technological Bureau in dividing small vessels with a capacity of less than 500 tons into planning and accounting units. A M IArovoi Trudy NTO sud. prom 8 no. 2:103-105 '59

Structural engineering, and planning and accounting units in shipbuilding and their purpose IA V Verdnikov Trudy NTO sud. prom 8 no 2·68-86 '59

SHIPBUILDING—ACCOUNTING

Dividing ships into accounting units and calculating costs. M N Lerner. Trudy NTO sud prom 8 no. 2·91-94 '59

Planning and accounting on the basis of 100-percent completed industrial units V. S. Ravich. Trudy NTO sud. prom. 8 no 2 107-111 '59.

Planning and accounting units and work and cost accounting in shipbuilding A. M Chelnokov Trudy NTO sud prom 8 no 2·35-44 '59

Requirement of managing and accounting units for improving interfactory industrial operations planning P S. Golubev Trudy NTO sud prom 8 no 2·19-21 '59

Requirements of planning and accounting units for the improvement of cost estimating and accounting operations in shipbuilding E. N Podgorskii. Trudy NTO sud. prom 8 no 2·9-14 '59

Statistics of shipbuilding costs and their use for economic studies B V Ivanov Trudy NTO sud prom. 8 no 2·45-67 '59.

Use of planning and accounting units in establishing documentation S B Korets. Trudy NTO sud prom 8 no 2;95-99 '59

SHIPBUILDING—CONGRESSES

Resolutions of the All-Union Conference on Planning and Accounting Units in Shipbuilding Trudy NTO sud. prom. 8 no. 2·113-115 '59

Resolutions of the conference. Trudy NTO sud. prom. 8 no. 3·105-106 '59

SHIPBUILDING—COSTS

Characteristics of structural cost calculations for passenger and freight-passenger river craft. A. Ivlieva. Rech. transp 19 no 1;31-33 Ja '60.

SHIPBUILDING—EQUIPMENT AND SUPPLIES

Berezin, B. M. [Materials for electricians in shipbuilding] Materialovedenie dlia elektrikov-sudostroitelei. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 212 p.

Boatbuilding of plastic materials in foreign countries [from "Journal de la Marine Marchande" January 1959]. T. Piarin. Rech. transp. 19 no. 1 52-54 Ja '60.

Dmitriev, V. P., and A. A. Koman. [Rigging and devices for ship hull construction] Osnastka i prisposobleniia dlia sudokorpusnykh rabot. [Leningrad] Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 205 p.

SHIPFITTING

Allowances for fastening fittings before insulation and requirements for accuracy in building the structural members of hulls. N P. Luk'ianov Trudy NTO sud. prom. 8 no. 3;45-48 '59

Effect of the accuracy of building hull sections on the quality of assembling operations. L. V Ivanov. Trudy NTO sud prom 8 no 3·55-58 '59

SHIPPING

Intergovernmental marine consultative organization A Savel'ev, IU Dzhavad. Mor. flot 20 no. 1,41-43 Ja '60.

SHIPPING—TECHNOLOGICAL INNOVATIONS

Lightening the work of water-transportation workers V. Akimova NTO 2 no 1·26 Ja '60.

SHIPS

New types of sea-going vessels. IU. N. Vasil'ev. Biul. tekh.-ekon. inform. no. 1:95-96 '60.

Riabchikov, P. A. [Seagoing vessels; history of their development and modern types] Morskie suda; istoriia razvitiia i sovremennye tipy sudov. Izd. 2., dop. Pod red. A. P. Ermakova. Moskva, Izd-vo "Morskoi transport," 1959. 630 p.

SHIPS—AIR CONDITIONING

Operation of the air-conditioning apparatus on the diesel-electric propelled ship "Lenin." V Korshunov Kh.l tekh 37 no. 1·52-54 Ja-F '60

SHIPS—CARGO

Methods of justifying the loading capacity of ships for navigation in main rivers. V. Pomerantsev Rech transp 19 no. 1.11-13 Ja '60.

SHIPS—EQUIPMENT AND SUPPLIES

Self-unloading ships for the transportation of pulverized materials [from foreign journals]. P. Artem'ev, IU. [illegible]tiukhin. Rech. transp. 19 no. 1,54-56, 3 of cover Ja '

SHIPS—FIRES AND FIRE PREVENTION see subdivision under Khabarovsk

SHIPS—HYDRODYNAMICS

A hydrodynamic problem in the theory of ships N. N. Moiseev. Trudy MFTI no. 3·3-24 '59

Work of an anchored ship's main engines in stormy weather IU Vaneev Mor. flot 20 no 1 33-35 Ja '60

SHIPS—MAINTENANCE AND REPAIR

(see also subdivision under Caspian Sea, Odessa)

Kovalev, A. P. [Repair of marine engines and mechanisms] Remont sudovykh mashin i mekhanizmov. Leningrad, Gos soiuznoe izd-vo sudostroit. promyshl., 1959. 253 p.

Model maintenance record for standard-type ships M Moldavskii Mor flot 20 no 1 21-23 Ja '60

Progressive techniques. Mor. flot 20 no 1 46 Ja '6

Propeller replacement under water on the diesel vessel "Yuzhno-Sakhalinsk" V Sosevich Mor flot 20 no 1 31-32 Ja '60

Use of capron in the repair of ships and ship equipment F. Osipovich. Rech. transp 19 no. 1.26-29 Ja '60.

Use of synthetic materials in ship repairs. N Galash[illegible], F. Kuzmin. Rech. transp. 19 no. 1:29-31 Ja '60.

Zagrebin, V. V., and M. E. Furchikov. [Industrial section on the introduction of new techniques in ship repair plants] Proizvodstvennyi uchastok po vnedreniiu novoi tekhniki na sudoremontnom zavode. Moskva, Izd-vo "Rechnoi transport," 1959. 18 p. (Obmen opytom)

SHIPS—WELDING

Conference on problems of using two-arc welding in shipbuilding and ship repairs. V. N. Sherstiuk. Avt. svar. 13 no. 2 95 F '60.

Determining the outline of sections to finished dimensions with their subsequent placing on slip ways without adjustment. M K Glozman Trudy NTO sud. prom 8 no 3·75-81 '59

SHIPYARDS see subdivision under Norway

SHIPYARDS—EQUIPMENT AND SUPPLIES

Ship lifting with two supports. M. Kiriukhin. Rech. transp 19 no. 1 46 Ja '60.

SHISHMAREV, VLADIMIR FEDOROVICH, 1875-

A collection of works by Academician V. F. Shishmarev. D. E. Mikhal'chi. Izv. AN SSSR. Otd. lit. i iaz. 18 no. 6· 560-561 N-D '59.

SHKHVATSABAIA, KONSTANTIN IAKOVLEVICH, 1896-1960

In memory of Konstantin IAkovlevich Shkhvatsabaia. Zdrav. Ros. Feder. 4 no. 3;39 Mr '60.

SHLIKHTER, ALEKSANDR GRIGOR'EVICH, 1868-1940

Literary heritage of an old Bolshevik ("Selected works" by A. G. Shlikhter. Reviewed by P. Gorodnyi). Kom. Ukr. 35 no. 1;93-96 Ja '60.

SHMANKEVICH, VLADIMIR IVANOVICH, 1838-1880

Russian Darwinist V. I. Shmankevich and his scientific legacy. A. D. Sukhov. Biol. v shkole no. 1 82-88 Ja-F '60.

SHNAKENBURG, IRINA OTTOVNA

Irina Ottovna Shnakenburg. Khim. v shkole 15 no. 1·6-7 Ja-F '60.

SHOCK

Biochemical changes in shock produced by combined effects of burn trauma and total-body irradiation [with summary in English]. D. A. Golubentsev, N. A. Shevyreva. Pat fiziol. i eksp. terap. 4 no. 1·14-19 Ja-F '60.

Electrophysiological analysis of functional conditions of various segments of the nervous system in shock [with summary in English] V S Sheveleva. Biul eksp biol i med. 48 no 11 43-50 N '59

SHOCK WAVES

In connection with V. A. Belokon's article "Permanent structure of shock waves with Joule dissipation." A. G. Kulikovskii, G. A. Liubimov. Zhur. eksp. i teor. fiz. 37 no. 4,1173-1174 O '59.

Propagation of cylindrical shock waves of stresses in a plate beyond the yield point. V. N. Kukudzhanov. Trudy MFTI no. 3·108-120 '59.

Sound absorption and width of shock waves in relativistic hydrodynamics [with summary in English]. M. T. Zhumartbaev. Zhur. eksp. i teor. fiz. 37 no. 4:1000-1004 O '59.

SILAGE
Physical and mechanical properties of silage crops and selecting an efficient method for ramming silage. M.I. [illegible] [illegible] mekh. [illegible] informatsionnykh [illegible] no.17:[illegible] '57

SILANE
Copolymerization of dimethyl- and methylphenyldiallylsilane with propylene on the complex catalyst [illegible] TiCl₃ [with summary in English]. N.S. Nametkin and others. Vysokom.soed. 1 no.11:1739-1741 N '59
[illegible] of the [illegible] A.P. [illegible] [illegible] prikl.khim. [illegible]

SILICA
Investigating the solubility of [illegible] and the system [illegible] SiO₂ and the [illegible] products. M. Malyavey, V. Vetla. Zhur.prikl.khim. [illegible] '60

SILICATES
Conference on using lithium, rubidium, cesium, and strontium compounds in the silicate industry. Steklo i ker. [illegible] no.1:[illegible] Ja '60
Silicate, the new building material. [illegible] [illegible] '57

SILICON—ELECTRIC PROPERTIES
Effect of deformation on the electrical properties of p-type germanium and silicon. G.P. Pikus, G.I. [illegible] Fiz.tver.tela 1 no.12:1830-1840 D '59
Measurement of the resistivity of silicon by the four probe method. V.A. [illegible], I.A. [illegible] Zav. lab. 26 no.[illegible] '60

SILICON—THERMAL PROPERTIES
Thermal expansion of silicon at low temperatures. S.I. Novikova, P.G. Strelkov. Fiz.tver.tela 1 no.12:1841-1843 D '59

SILICON HYDRIDES
Characteristics of the influence of alkyl groups. Chlorination of alkylchlorosilicon hydrides. V.A. Ponomarenko and others. Dokl.AN SSSR 132 no.[illegible] '60

SILICON-NICKEL ALLOYS see Nickel silicon alloys

SILICON ORGANIC COMPOUNDS
Using silicon organic compounds for the improvement of glass properties. [illegible] I.A. [illegible] Steklo i ker. 17 no.1:[illegible] Ja '60

SILK
Determining the integral heat of wetting of natural silk irradiated with gamma rays. R.A. Aslanov and others. Dokl.AN Uz.SSR no.12:[illegible] '59

SILK MANUFACTURE
(see also subdivision under Margelan)
Investigating the [illegible] no.1:[illegible]
[illegible] tekst.prom. [illegible] Ja '60

SILKWORMS
Nature of the division of neuroblasts, neurosecretory and neuroglial cells in the brain of the Chinese oak silkworm. A.A. Panov. Dokl.AN SSSR [illegible] no.[illegible] Mr '60.

SILLS (GEOLOGY)
Mechanism of the intrusion of sills. V.A. [illegible] [illegible] SSSR [illegible] '59

SILOS
Necessary handbook. [illegible] [illegible] 2 no.12:23 D '57

SILOXANES
Comparative characteristics of polymers having polysiloxane and phenylsiloxane chains in their molecules [with summary in English]. K.A. Andrianov, V.E. Nikitenkov, N.N. Sokolov. Vysokom.soed. 2 no.1:158-161 Ja '60
Polytitanomethylsiloxanes and polytitanoethylsiloxanes [with summary in English]. K.A. Andrianov, E.Z. Asnovich. Vysokom.soed. 2 no.1:136-140 Ja '60
Structure of [illegible] [with summary in English]. K.A. Andrianov, [illegible] Vysokom.soed. 1 no.12:[illegible] D '59
Studies in the mechanochemistry of polymers. Part 8. Degradation of polydimethylsiloxane by ultrasonic waves [with summary in English]. A.A. Berlin, A.M. Dubinskaia. Vysokom.soed. 1 no.11:1678-1681 N '59

SILVER
Development of a method for preparing pure silver for metrological purposes. N.S. Ushkova. Trudy VNIIM no.34:71-87 '58
[illegible] of silver in sodium thiosulfate solutions. [illegible] Zhur.prikl.khim. 33 no.2:[illegible] '60
Photoelectric absorption of X rays in silver on the L and M shells. R.L. Zhdanov. Uch.zap.MOPI no.[illegible] '59
Preparation of silver powder and a silver membrane. A.P. Pavkin, N.A. Chebkova. Trudy VNII [illegible] '59

SILVER—ANALYSIS
Amperometric titration of silver and mercury by [illegible] solution. [illegible] Zav. lab. 26 no.2:[illegible] '60
Photocolorimetric determination of silver by means of copper [illegible] A.I. [illegible] Zav. lab. 26 no.[illegible] '60

SILVER CHLORIDE
[illegible] Zhur.[illegible] '60

SILVER-LEAD ALLOYS see Lead silver alloys

SILVER MINES AND MINING see subdivision under White Russia

SILVER-ZINC ALLOYS
Preparation of silver powder and a silver membrane. A.P. Pavkin, N.A. Chebkova. Trudy VNII [illegible] '59

SIMAKOV, VASILII IVANOVICH, 1879-
"A friend of the folk song." [illegible] Sov. [illegible] 23 no.8:[illegible] '59

SIMBIZ
Mal'tsov, M. [illegible] 1955. 170 p.

SIMFEROPOL—BUILDING
[illegible]

SIMFEROPOL—ELECTRIC MACHINERY PLANT [illegible]
[illegible]

SIMFEROPOL—[illegible]
[illegible]

SIMFEROPOL RESERVOIR—FRESHWATER FLORA
Initial stages of the [illegible] [illegible] '59

SIMIOS AVILA, THEOPHILO [illegible]
[illegible] 1A, [illegible] '60

SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-
[illegible]

SIMONOVO REGION (AMUR PROVINCE)—WAGTAIL
[illegible] upper Amur Valley. [illegible] Zool.zhur. [illegible] '60

SIN
[illegible]

SINGERS
[illegible] no.2:[illegible] '60

SINGING—RESPIRATION
[illegible]

SINITSIN, KONSTANTIN ALEKSANDROVICH
Human responsibility. V [illegible] 73 [illegible] '59.

SINKIANG PROVINCE see Sinkiang-Uigur Autonomous region

SINKIANG-UIGUR AUTONOMOUS REGION—PETROLEUM
[illegible] AN [illegible]
[illegible]

SINTERING
(see also subdivision under Ferroalloys)
Pelletizing finely ground manganese concentrates [with summary in English]. N.M. Babushkin, V.A. [illegible], I.V. Lugovykh. Stal' 20 no.2:[illegible] '60
[illegible] Metallurg [illegible]

[illegible] with the addition of dolomitized [illegible] Metallurg 5 [illegible]
[illegible] M.D.

[illegible] products.

[illegible] products.

[illegible]

[illegible] HEALTH, RURAL
[illegible] Duke,

[illegible] of a code
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Prof. [illegible] offsprings [illegible] English]. A.P. [illegible] Ja F
[illegible] [with summary [illegible]

[illegible] pathological skin [illegible]
[illegible] J.D. Akopia
[illegible] Kiev, Gos. med. [illegible]

SNOW—THERMAL PROPERTIES
Thermophysical properties of snow. T. V. D'iachkova, N. V. Serova. Trudy GGO no. 84:70-79 '60.

SNOW REMOVAL see subdivision under Kiev

SNOW REMOVAL—EQUIPMENT AND SUPPLIES
New snow loader. V. [illegible]. Zhil.-kom. khoz. 10 no. 4:24 '60.

SOCCER
Their visa is a soccer ball. I. Netto. Ogonek 38 no. 1: 30-31 Ja '60.
Vil, A. IA., and V. G. Vladimirov. [Soccer's gold cup] Zolotoi kubok futbola. Izd. 2. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 216 p.

SOCIAL CLASSES
Social classes and the class struggle in present-day capitalist countries. V. S. Semenov. Vop. filos. 14 no. 5: 113-125 '60.

SOCIAL CONFLICT
(see also subdivision under Flanders)
Social classes and the class struggle in present-day capitalist countries. V. S. Semenov. Vop. filos. 14 no. 5: 113-125 '60.
Trifonov, I. IA. [Studies on the history of the class struggle in the U.S.S.R. during the New Economic Policy] Ocherki istorii klassovoi bor'by v SSSR v gody nepa, 1921-1937. Moskva, Gos. izd-vo polit. lit-ry, 1960. 370 p.
"The working class and the revolutionary movement." Reviewed by N. [illegible]. Nov. i noveish. ist. no. 1: 144-146 '60.

SOCIAL GROUP WORK
(see also subdivision under Karlovka District, Pyatikhatki District, Tajikistan, Ukraine)
An effective form of aesthetic training. G. Aprosian. Mol. kommun. no. 1:81-89 Ja '60.
Glory to Soviet women, to the [illegible] of advice. Sots. trud [illegible] no. 1:15-16 Ja '60.

SOCIAL GROUP WORK—PERIODICALS see subdivision under Ukraine

SOCIAL GROUP WORK—STUDY AND TEACHING see subdivision under Lipetsk District

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL SCIENCES
Discussing the conception of "social being" at the city conference of philosophy teachers in Sverdlovsk. G. P. Orlov. Nauch. dokl. vys. shkoly; filos. nauki no. 1: [illegible] '59.
In the Department of Economics, Philosophy and Law. Vest. AN SSSR 30 no. 5:56-59 My '60.
Party propaganda and objectives in the social sciences. Vest. AN SSSR 30 no. 5:[illegible] My '60.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—PERIODICALS
[illegible]

SOCIAL SCIENCES—STUDY AND TEACHING
A coordinating departmental unit for research. A. A. Voskresenskii, G. N. Popov. Vest. vys. shkoly 18 no. 6:[illegible] Je '60.

SOCIALISM—CONGRESSES
A [illegible] of the First [illegible] of [illegible]. G. D. [illegible]. [illegible] no. 1 [illegible] '60.

SOCIALISM AND RELIGION see subdivision under Austria, Germany, West

SOCIALIST COMPETITION
(see also subdivision under Karaganda Basin)
At the sources of socialist competition; the 30th anniversary of the First All-Union Congress of Shock Workers. F. Vasilevskaia. Bloknot agit. [Ural] no. 34:[illegible] '59.
The best brigade of the plant. [illegible]. [illegible] no. 2 [illegible] '60.
[Builders of present-day communism] Budovnyky komunizmu [illegible]. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 304 p.
Explorers of the future. V. [illegible]. A. [illegible] [illegible].
For further expansion in the socialist competition for a title for [illegible] competition [illegible] of [illegible] [illegible].
The future is [illegible]. [illegible].
[illegible] plan. A. [illegible].
[illegible].

Lomovskaia, M. T., and A. I. [illegible]. [Scouts of the future; the movement of the brigades and shock workers of communist labor, its role in the building of a communist society] [illegible] Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 171 p.
New regulations for socialist competition among communal enterprises and organizations and among [illegible] the improvement of public [illegible]. Zhil.-kom. khoz. 10 no. 2:[illegible] '60.
Scouts of the future. [illegible]. Kul't. i zhizn' 4 no. 1:[illegible] '60.
[There, where the work is harder] [illegible]. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 150 p.

SOCIALIST PARTIES see subdivision under Germany, West

SOCIALIST PARTY see subdivision under Germany, West

SOCIETY, PRIMITIVE
Avdeev, A. D. [The origin of the theater; elements of the theater in primitive societies] Proiskhozhdenie teatra; elementy teatra v pervobytnoobshchinnom stroe. Leningrad, Gos. izd-vo "Iskusstvo," 1959. 264 p.
V. I. Lenin and the laws of the development of primitive society [with summary in English]. [illegible]. Vest. LGU 15 no. 2:[illegible] '60.

SOCIOLOGY
On the 75th anniversary of F. Engels' work "Origin of the family, private property, and the state." [illegible] no. [illegible] '59.

SOCIOLOGY—CONGRESSES
The Fourth International Congress of Sociology; [illegible] impressions of its members. M. P. [illegible]. Nauch. dokl. vys. shkoly; filos. nauki no. [illegible] '60.

SODIUM
Behavior of alloys in contact with sodium. [illegible]. G. P. Benediktova. [illegible] '60.
Comparative evaluation of [illegible] at [illegible] N. N. [illegible]. AN [illegible].

SODIUM—ANALYSIS
Polarographic [illegible]. Nauch. [illegible].

SODIUM ACETATE—ELECTRIC PROPERTIES
Electric conductivity of [illegible] $CH_3(CH_2)_{14}COONa$ [illegible]. [illegible]. AN [illegible].

SODIUM ALUMINOHYDRATE
Reaction [illegible] [illegible]. [illegible].

SODIUM AMIDE
Alkylation of the [illegible]. [illegible]. B. N. [illegible] My '60.

SODIUM AZIDE
[illegible] for the catalytic [illegible] of nitric [illegible]. 20 no. [illegible] '60.

SODIUM CARBONATE
Zel'tin, M. E., and [illegible]. [illegible] [illegible], 1959. 421 p.

SODIUM CHLORIDE see Salt

SODIUM CHLORITE
Bleaching of viscose fiber by sodium chlorite. I. M. Mogilevskii, G. I. Kozlova. Khim. volok. no. [illegible] '59.

SODIUM COMPOUNDS
Conditions [illegible] T. V. [illegible], [illegible]. [illegible].

SODIUM FLUORIDE
Method of preparing [illegible] purity salt. [illegible]. Izv. [illegible].
Reactions of [illegible] of sodium fluoride. K. P. [illegible], V. T. [illegible]. Zhur. [illegible] '60.

SODIUM FLUORIDE—PHYSIOLOGICAL EFFECT
Influence of sodium fluoride on the [illegible] balance of rabbits in a short-term experiment. N. [illegible]. Gig. i san. 25 no. 1:91-94 Ja '60.

SODIUM FORMALDEHYDE SULFOXYLATE
[illegible] benzene hydroperoxide and [illegible] for initiating [illegible] ing- [illegible]. B. A. Dolgoplosk [illegible].

SODIUM HALIDES—[illegible]
[illegible] structure of sodium and [illegible]. P. A. [illegible], N. G. Ramblin [illegible].

SODIUM HYDROXIDE
[illegible] and soil [illegible] A. M. [illegible].
[illegible] AN [illegible].

SODIUM [illegible]
[illegible] single [illegible] A [illegible].

SODIUM [illegible]—PHYSIOLOGICAL EFFECT
[illegible] on the thyroid [illegible]. A. [illegible] Izvestii, [illegible] Ja '60.

SODIUM [illegible]
[illegible] H_2O [illegible].

SODIUM [illegible]
[illegible]. D. I. [illegible].

SODIUM [illegible]
[illegible].

SODIUM [illegible]
[illegible] water at [illegible].

SODIUM [illegible]
[illegible].

SODIUM [illegible]
[illegible] perpendicular [illegible] observations [illegible].

SOIL [illegible]
[illegible]. V. [illegible] Ja '60.

SOIL [illegible] ALGOVERN [illegible]
[illegible] geophysical [illegible].

SOIL [illegible]

SOIL [illegible]
[illegible]. S. S. [illegible].

SOIL [illegible] see [illegible] region

SOIL [illegible] see Bibliography—[illegible]

SOIL [illegible]
[illegible]. M. I. [illegible] '52.

SOIL [illegible] see Bibliography—[illegible]

SOIL [illegible]
[illegible] activity [illegible]. Vest. [illegible].

SOIL [illegible]
[illegible].

SOIL FAUNA
[illegible].

SOLVENTS

Equilibria in the systems: saturated heteropoly acid – organic solvent. E. A. Nikitina, E. V. Prytkova. Zhur. ob. khim. 30 no.6:1180-1187 My '60.

Fundamentals in the use of nonaqueous solvents in acid-base titrations. N. A. [illegible] Zav. lab. 26 no.1: [illegible] '60

SOMATOTROPIN

Some aspects of the characterization of the effect of the somatotropic hormone of the pituitary body on nucleic acid metabolism [with summary in English]. I. N. Todorov. Biokhimiia 24 no.6:1010-1019 N-D '59

SOMOVO (VORONEZH PROVINCE) — ATHEISM

Antireligious propaganda in a settlement. N. [illegible] Sov.deput.trud. no.1:84-85 Ja '60

SONGS, AZERBAIJANI

[Songs by Soviet composers, for voice and chorus, with piano accompaniment] Pesni sovetskikh kompozitorov, dlia golosa i khora s fortepiano. Baku, Azerbaidzhanskoe gos. muzykal'noe izd-vo, 1957. 80 p.
(RRC)

SONGS, UKRAINIAN

Let his winged songs resound in our country. M. Hordiichuk. Mystetstvo 6 no.6:15-17 N-D '59.

SONGS, UKRAINIAN — BIBLIOGRAPHY see Bibliography — Songs, Ukrainian

SORBOSE

Method for controlling the inoculum during biological oxidation of sorbitol into sorbose [with summary in English]. M. G. Shternberg, S. I. Zhorabina. Mikrobiologiia 29 no.1:110-114 Ja-F '60

SORGHUM

Coordination of research on sorgo. I. R. [illegible] Vest. sel'khoz.nauki 5 no.1:151-153 '60.

SORGHUM — VARIETIES see subdivision under Don Valley

SORKIN, ARON ZUSEVICH, 1900-

A. Z. [illegible]

SORPTION

Sorption kinetics of [illegible] over a wide range of temperatures. [illegible] V. A. [illegible]

SOSNITSA DISTRICT — LOCAL GOVERNMENT

Flagrant violation of Soviet democracy. N. Kaz'menko, P. [illegible] Sov.deput.trud. no.2: [illegible] F '60.

SOUL

The soul. [illegible] '60.

SOUND

Critical time for the determination of the loudness of sound. I. A. Chistovich, V. A. [illegible] '60

SOUND — RECORDING AND REPRODUCING

Development of the technology of motion-picture sound recording. I. A. [illegible] 26:175-180 '59.

Stereophonic phonograph pickup devices. A. [illegible] Radio no.1:46-47 Ja '60

SOUND — RECORDING AND REPRODUCING — BIBLIOGRAPHY see Bibliography — Sound — Recording and reproducing

SOUND WAVES

Acoustic coagulation of sulfuric acid mist. M. I. [illegible] and others. Zhur. prikl. khim. 33 no.1: [illegible] Ja '60

Existence of a weak solution to the direct problem and the theory of nozzle flow past an airfoil to the first approximation. F. I. Frankl'. Dokl. AN SSSR 130 no.4: 789-792 F '60.

Krasil'nikov, V. A. [Sound and ultrasonic waves in air, water, and solid bodies] Zvukovye i ul'trazvukovye volny v vozdukhe, vode i tverdykh telakh. Izd. 3., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 560 p.

Sound absorption and width of shock waves in relativistic hydrodynamics [with summary in English]. M. [illegible] Zhur. eksp. i teor. fiz. 37 no. [illegible] O '59.

SOUNDPROOFING

Soundproofing of wooden ceilings. B. [illegible] Zhil. stroi. no.1:20-21 Ja '60

SOUPS

[illegible]

SOUTH AFRICA, UNION OF — RACE DISCRIMINATION

[illegible] Nov. vrem. [illegible] My '60

[illegible] My '60

SOUTH AFRICA, UNION OF — SHAFT SINKING

Record breaking speed of shaft sinking at the Vaal Reefs Mine (from "The South African Mining and Engineering Journal" October 1959). A. A. [illegible] Shakht. stroi. no.1: [illegible] Ja '60

Record speed shaft sinking at the Vaal Reef mine. [illegible] and others. Shakht. stroi. 4 no.2: [illegible] '60

SOUTH AFRICA, UNION OF — WOMEN IN POLITICS

Foreign panorama. [illegible]

SOUTH AFRICAN WAR, 1899-1902

The United States and the Boer War. E. A. [illegible] Nov. i noveish. ist. no.1:40-52 '60

SOUTH KAZAKHSTAN PROVINCE — AGRICULTURE

Specialization and combining of branches of agricultural production. [illegible] no.2:11-16 F '60

SOUTH KAZAKHSTAN PROVINCE — COMMUNIST EDUCATION

Some remarks about overcoming the survivals of the past and about the communist education of women. Kh. [illegible] Part. zhizn' Kaz. [illegible] Ja '60

SOUTH KAZAKHSTAN PROVINCE — COTTON GROWING

Some problems concerning [illegible] harvesting of cotton. [illegible]

SOUVENIRS (KEEPSAKES)

Good Soviet souvenirs are needed. [illegible] '60

SOVETSK see [illegible]

SOVETOV, SERGEI [illegible]

Sergei [illegible] actor; obituary. [illegible] '59

SOVETSK — PHOTOENGRAVING

Using electroengraving automatic machines. [illegible] Poligr. proizv. no.1:16 Ja '60

SOVIET CENTRAL ASIA — ALFALFA

[illegible]

SOVIET CENTRAL ASIA — [illegible]

[illegible]

SOVIET CENTRAL ASIA — ECONOMIC CONDITIONS

[illegible]

SOVIET CENTRAL ASIA — FOREST PLANTING

Improving forest management and shelterbelt afforestation in Central Asia [with summaries in [illegible] German, and French]. V. P. [illegible] 5 no.1:50-58 '60

SOVIET CENTRAL ASIA — HISTORY

[illegible]

SOVIET CENTRAL ASIA — MINERALOGY

A scheme for establishing [illegible] deposits in the central and [illegible] part of Central Asia [illegible] Dokl. AN [illegible] My '60

SOVIET CENTRAL ASIA — PHYSICAL GEOGRAPHY

[illegible]

SOVIET CENTRAL ASIA — WATER DISTRIBUTION

[illegible]

SOVIET FAR EAST — ENCEPHALITIS

Prevention of tick-borne encephalitis. A. I. [illegible] Gig. i san. no.12:54-57 D '59.

SOVIET FAR EAST — ORE DEPOSITS

Association of the rare metal and complex mineralization with intrusives and effusives in certain areas of the Pacific ore belt [with summary in English]. M. A. Favorskaia. Sov. geol. 2 no.12:71-87 D '59

SOVIET FAR EAST — PARASITES

Parasites of fishes in the Far Eastern seas. [illegible] Iu. A. Strelkov. Trudy [illegible] '59

SOVIET FAR EAST — REVOLUTION, 1917-1921

[illegible] [Participation of Chinese and Korean [illegible] in the Soviet Far East] Uchastie [illegible] grazhdan[illegible] Tashkent, Gos. izd-vo [illegible]

SOVIET FAR EAST — SEISMIC WAVES

[illegible]

SOVIET FAR EAST — VOLCANOES

[illegible] activity in [illegible]

[illegible]

SOVIETS

[illegible]

[illegible] Lenin's type. A. [illegible]

[illegible] Soviet democracy [illegible]

[illegible]

(PHOTOGRAVURE)

[illegible]

SPLINTS (SURGERY)

"Saddle" transport splint for immobilizing the pelvis bones V. I Pecherskii Voen -med. zhur no 2 86-87 F '60.

Splint for the functional treatment of closed fractures of the clavicle. P. G. Kolesnichenko. Ortop., travm. i protez. 20 no 12 44-46 D '59.

SPODUMENE

Concerning the theory of the sulfate method for treating spodumene V. E Pliushchev. Zhur prikl khim 33 no 1·3-9 Ja '60.

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORES (BOTANY)

Effect of the conditions of nutrition on the surface structure of spores in actinomycetes [with summary in English]. Kh. A. Lesheval'e, A. S. Tikhonenko. Mikrobiologiia 29 no. 1:43-50 Ja-F '60.

Electronmicroscopic study of spores in various actinomycetes species [with summary in English]. T. P. Preobrazhenskaia and others. Mikrobiologiia 29 no. 1·51-55 Ja-F '60.

SPORTING GOODS see subdivision under Kiev Province

SPORTS

Current problems of physical training. V. Nagornyi. Mol. komm. no. 1:67-72 Ja '60.

Get off to a good start IU. Generozov. Prom koop 14 no 2 37 F '60

"Good year"; remarks on sports. Martyn Merzhanov. Moskva 3 no. 12:205-208 '59.

The influence of phosphates on increasing the work capacity of the organism V. A. Rogozkin Teor. i prak fiz. kul'. 23 no. 1·37-40 '60

New masters of sport. Leg. atl. no. 12:20-21 D '59

Roses and thorns. E. Rubin. Sov. Soiuz no. 11 40 '58.

Russia (1923- U. S. S. R.) Komitet po fizicheskoi kul'ture i sportu. [Simplified rules for competition in soccer, basketball, volleyball, and ice hockey] Uproshchennye pravila sorevnovanii po futbolu, basketbolu, voleibolu i khokkeiu s shaiboi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 20 p.

Sport season in full swing. E. Rubin. Sov. Soiuz no. 8· 39 '57.

Svetov, A. A. [From start to finish; interesting sports stories] Ot starta do finisha, zanimatel'nye rasskazy o sporte. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 386 p.

SPORTS—HYGIENIC ASPECTS

Dobrovol'skii, V. K. [Injuries and diseases following excessive indulgence in sports] Povrezhdeniia i zabolevaniia pri neratsional'nykh zaniatiiakh sportom. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 181 p.

"Medical problems in athletics" by V. N. Kovalenko. Reviewed by S G. Kamyshnikov, M I Piletskii Zdrav Belor 6 no 3·76-77 Mr '60

SPORTS—PSYCHOLOGICAL ASPECTS

Condition and scientific principles in the development of the athlete's willpower. A. TS Puni Teor i prak. fiz kul'. 23 no 1:11-18 '60.

SPOTA, LUIS

On the other side ("They died in the middle of the stream" [in Spanish] by Luis Spota Reviewed by M. Kremnev) Nov vrem 18 no 22 30-31 My '60

SPRAY PAINTING—EQUIPMENT AND SUPPLIES

Pedal-operated paint sprayer. Rats. i izobr. predl. v stroi. no. 12:46-47 '59.

SPRAYING AND DUSTING

Using cultivators for applying powder insecticides A G Treml', V. E. Ivanitskii Les. khoz 12 no 1 52-53 Ja '60

SPRAYING AND DUSTING EQUIPMENT

Adapting motor pumps for spraying seedlings. A. I. Lykov Les khoz. 12 no 2·62 F '60.

An economical fine sprayer for liquids at low pressure [with summary in English] G. V. Lebedev. Fiziol. rast 7 no. 1 127-128 '60.

The SDU-10 medium-jet sprinkler unit and the NNS-6NDV mounted pumping station. N. I. Rabinovich, B. V. Dziubenko. Biul. tekh. -ekon. inform. no. 1:64-66 '60.

SPRING see subdivision under Chuvashia, Khibiny Mountains; Lena Valley

SPRINGS see subdivision under Altyn-Arasan

SPRINGS (MECHANISM)

Some features in determining parameters of suspension with correcting springs. K. I. Gvineriia. Soob. AN Gruz. SSR 23 no. 4 445-450 O '59.

SPRINGS (MECHANISM)—TESTING

Testing cylindrical compression springs for relaxation. A L Seliavo Zav. lab. 26 no. 2:203-205 '60

SPRINKLER IRRIGATION

Evaporation of water in short-range sprinkler irrigation. P. S. Stepanenko. Trudy Inst. vod. khoz. i energ. AN Kir. SSR no. 5:33-41 '59.

SPRUCE

(see also subdivision under Karelia, Kungei Ala-Tau)

Effect of birch on the productivity of spruce plantations. V B. Kozlovskii Les khoz 12 no 2:14-16 F '60

My method of gathering pine and spruce seeds N V Ignat'evskii Les khoz 12 no 1 63-64 Ja '60

Regeneration of spruce in large cutover areas. S. M. Poplavskii. Les khoz 12 no 2·10-12 F '60.

SPRUCE—OPTICAL PROPERTIES

Light absorption by the Tien Shan spruce. V. S. Sokolova. Trudy Sekt. astrobot. AN Kazakh SSR 7.139-148 '59.

SPUTNIKS see Artificial satellites

SPUTTERING (PHYSICS)

Directed emission of particles in the sputtering of copper single crystals by ion beams with energies up to 50 KeV [with summary in English]. V. E. IUrasova, N. V. Pleshivtsev, I. V. Orfanov. Zhur. eksp. i teor. fiz. 37 no 4·966-972 O '59.

SQUAW VALLEY, CALIF.—OLYMPIC GAMES (WINTER)

[At the white Olympics, 1960] Na Beloi Olimpiade. Moskva, Izd-vo gazety "Sovetskii sport," 1960. 254 p.

Olympic torch has burst into flame. V. Viktorov. Ogonek 38 no 8 28 F '60

Victories in Squaw Valley. A. Vit. Sov. Soiuz no. 3· 54-55 '60.

SQUILL

Flowering of Siberian squill. G. L. Remezova. Priroda 49 no. 5 112-113 My '60.

Squill as a house plant. B. A. Bykov. Priroda 49 no. 5· 105-106 My '60.

STABILITY

Natural vibrations and stability of combined systems encountered in bridge construction. Hsieh Tsu-wei. Trudy MIIT no. 122:392-406 '59.

Stability of thin-walled columns under composite loads. V. B. Meshcheriakov. Trudy MIIT no. 122 376-391 '59

STABILITY OF SHIPS

Device for the adjustment of the heeling error of ships S Gurfil' Mor flot 20 no 1 30-31 Ja '60

Stability of a ship with passive damping tanks. A. D. Aleshkin. Trudy NTO sud. prom. 8 no. 4:119-143 '59.

STADIUMS see subdivision under Kiev

STAINS AND STAINING (MICROSCOPY)

Change in vascular permeability under the influence of adenosinetriphosphoric acid; concerning a method for determining capillary permeability by vital staining. R. U. Lipshits. Pat. fiziol. i eksp. terap. 4 no. 1:66-70 Ja-F '60.

Method for permanent vitally stained preparations. I. E. Kamnev, L. F. Gordeeva. Arkh. anat. gist. i embr. 37 no. 12:89-90 D '59.

STALINABAD—CHILDREN—HOSPITALS

Stalinabad Children's Clinical Hospital Number 1 during the past quarter of a century. E. A Nemirovskii Zdrav. Tadzh 7 no. 1·11-14 Ja-F '60.

STALINABAD DISTRICT—MOLLUSKS

Mollusks of the vicinity of Stalinabad. S. A. Postovshchikov. Trudy AN Tadz. SSR 89.141-148 '58.

STALINABAD DISTRICT—NEMATODA

Damage to cotton shoots in Stalinabad District, Tajikistan, from the nematode Panagrolaimoides multidentatus gen nov., sp nov. (Nematoda, Panagrolaiminae). T S. Ivanova. Trudy AN Tadzh SSR 89:123-131 '58.

STALINGRAD—MEAT GRINDERS

Not 20,000 but 200,000 meat grinders! L. Kaganov. Prom. koop. 14 no. 1:4-5 Ja '60.

STALINGRAD—PRECAST CONCRETE CONSTRUCTION

On Stalingrad construction sites. G. Kosolapov, A. Tolstov. Stroitel' no. 1:3-10 Ja '60.

STALINGRAD, BATTLE OF, 1942-1943—PERSONAL NARRATIVES

Man dominates the first plan ("The beginning of the road"; war memoirs by V. I. Chuikov Reviewed by N. Denisov). Novyi mir 36 no. 2·271-273 F '60.

STALINGRAD HYDROELECTRIC POWER STATION

Lighting the damming operations on the Volga River in the construction area of the Stalingrad Hydroelectric Power Station. S. I. Bodnikevich, I. IA. Pel'tin. Gidr. strol. 30 no. 1 33-36 Ja '60.

Performance of filters in draining foundation holes of the Stalingrad Hydroelectric Power Station. E. F. Drondin, A. M. Lar'kov. Gidr. strol. 30 no. 2 19-20 F '60.

STALINGRAD RESERVOIR REGION—PARASITES

Epizootic condition of commercial fish stocks of the Volga River in the region of the future Stalingrad Reservoir. E. A. Bogdanova. Trudy sov. Ikht. kom. no. 9·144-148 '59.

STALINO—BOARDING SCHOOLS

How to organize homework. M. O. Andrushchenko. Rad. shkola 39 no 1 56-58 Ja '60.

STALINO—CLOTHING INDUSTRY

Non-shop structure in action. V Semenenko Prom koop. 14 no 2 13 F '60

STALINO (STALINO PROVINCE)—BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Insulation of vats, tanks, and pipelines by means of slag wool M. B. Brozgol' Khleb i kond prom 4 no 2:11 F '60

STALINO (STALINO PROVINCE)—RESTAURANTS, LUNCH ROOMS, ETC.

Committee gained its objective. G. Tepliakov. Obshchest pit. no. 1:9 Ja '60.

STALINO PROVINCE—AGRICULTURE

Two district committees and their different methods of work. M. Podvalkov. Komm. Ukr. 35 no. 2:27-34 F '60.

STALINO PROVINCE—COAL MINERS

In the air and underground. Semen Bachura. Ukraina no. 4·16 F '60.

STALINO PROVINCE—COAL MINES AND MINING

Increasing production of coal M. Panibratchenko, V Svietlov. Nauka i zhyttia 6 no 9 25-26 S '56

Rodionov, P. A. [Political propaganda during the night shift] Politicheskaia agitatsiia v nochnoi smene. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (Bibliotechka agitatora, no. 9)

STALINO PROVINCE—CRIME PREVENTION

Let's reorganize the work of courts according to our new objectives. D Ivanchenko. Rad pravo no. 6:23-25 N-D '59

STALINO PROVINCE—HOLIDAYS

Holiday of the sickle and hammer. M. Nepran. Ukraina no 4:5 F '60.

STALINO PROVINCE—INDUSTRIES

Prospects for the over-all development of industry admin istered by the Stalino Economic Council. I. Diadyk, O. Mokhrachov. Ekon. Rad Ukr. no 6:62-69 N-D '59.

STALINOGORSK—FERTILIZER INDUSTRY

Our contribution to the development of a great chemical industry N Dronov. Part zhizn' no 10 10-16 My '60.

STANDARDIZATION

Conference on over-all standardization of elements of production processes. E. S. Frolova. Standartizatsiia 24 no. 2:59-60 F '60.

From technical periodicals. T. Truskollavskaia. Standartizatsiia 24 no. 2:61-63 F '60

Limiting standardization documents. B. M. Poluianov. Standartizatsiia 24 no. 2·22-24 F '60.

STANDARDS, ENGINEERING

Changes in the all-Union state standards. Biul. stroi. tekh. 17 no. 1:22-24 Ja '60.

Changes in the all-Union state standards. Biul. stroi. tekh. 17 no. 3:31 Mr '60.

Collected State Standards. Standartizatsiia 24 no. 2 64 F '60.

Draft standards submitted to the committee. Standartizatsiia 24 no. 2·56-57 F '60.

Following up articles published in "Standartizatsiia." Standartizatsiia 24 no. 2 30 F '60.

[Information index of standards.] Informatsionnyi ukaza tel' standartov 21 nos. 4-5 '60.

List of state standards, specifications, and other techni cal documents approved by the Office of State Construc tion of the U. S. S. R. in August-October 1959. Biul. stroi. tekh. 17 no. 1:45-46 Ja '60.

List of State Standards, specifications, and other techni cal documents approved by the Office of State Constru tion of the U. S. S. R. in November - December 1959. Biul. stroi. tekh. 17 no. 3:42-43 Mr '60.

List of state standards, specifications, and other techni cal documents changed and augmented by the Office of State Construction of the U. S. S. R. in August-October 1959. Biul. stroi. tekh. 17 no. 1·47 Ja '60.

List of State Standards, specifications, and other techn cal documents changed and augmented in November - December 1959. Biul. stroi. tekh. 17 no. 3:43-44 M '60.

List of state standards, specifications, and other techn cal documents withdrawn in August-October 1959. Bi stroi. tekh. 17 no. 1:48 Ja '60.

List of State Standards, specifications, and other techn cal documents withdrawn in November - December 19 Biul. stroi. tekh. 17 no. 3:44 Mr '60.

STEAM POWER PLANTS

Basic problems pertaining to the treatment of feed water for steam power plants during the current seven-year plan. F.G.Prokhorov, P.A.Akol'sin, M.S.Shkrob. Teploenergetika 7 no 3 3-8 Mr '60

New methods for determining technical and efficiency indices of steam power plants. I. V. Gofman, V. I. Savashinskaia. Trudy LIEI no. 29:32-49 '59

Problems of raising the effectiveness of the centralized repair of thermal and mechanical equipment in power systems. V. G. Kuzmin. Trudy LIEI no. 29 69-103 '59.

Urgent problems pertaining to the bonus system for engineering and technical work performed at steam power plants. V. I. Savashinskaia. Trudy LIEI no. 29:104-110 '59.

STEAM-TURBINE DISKS

Investigating the state of stress of rotating disks by means of tensometric pickups. I. A. Kozlov, I. V. Lebedev. Energomashinostroenie 6 no. 2:40-41 F '60.

Removing disks from the rotor shaft of a turbine by means of induction heating. IU. N. Sasonov, V. V. Ponomarenko. Energomashinostroenie 6 no. 2 41-42 F '60.

STEAM TURBINES

(see also subdivision under Kaluga; Leningrad)

Automatic steam escape regulation in steam turbine glands V I Kislyi, O I Shibenko Energetik 8 no 1 30-34 Ja '60

Certain thermodynamic dependencies of processes in steam turbine installations. A.I.Andriushchenko. Trudy Inst. tepl. AN URSR no. 10 65-72 '53

Diagram of operating conditions of turbines with double automatic extraction of steam L B Zusmanovich, I T Torgushov Teploenergetika 7 no. 2·24-30 F '60

Economic aspects of the type VKT-100 steam turbine built by the Kharkov works. G.M.Konovalov, A.K.Kirsh, V.P.Markin. Teploenergetika 7 no. 3 73-80 Mr '60.

Experience in operating unitized installations. V. A. Varichev. Elek. sta. 31 no. 2 84-86 F '60

Labyrinth steam regulator of a turbine I N Baskunskii. Energetik 8 no 1 10-11 Ja '60

Selecting the optimum unit power for single-shaft steam turbines A V Levin Teploenergetika 7 no. 2·12-17 F '60

Some constructional decisions concerning important units in high capacity turbine installations for supercritical steam parameters L. A Shubenko-Shubin Teploenergetika 7 no 2:3-11 F '60.

Some results obtained in experimental investigations of steam turbine moisture traps. A. N. Astaf'ev. Energomashinostroenie 6 no. 2.32-33 F '60.

Starting up turbine-boiler units after a holiday shutdown of 24 hours. A.G.Prokopenko and others. Teploenergetika 7 no. 3·60-72 Mr '60

Utilization of cooling water behind the condensers of steam turbine V M Plisetskii Energetik 8 no. 1 11-12 Ja '60

STEAM TURBINES—BLADES

Distribution of pressure and structure of the boundary layer on the surface of steam turbine working blades. IU. I. Shvets. Trudy Inst. tepl. AN URSR no. 10:15-23 '53.

STEAM TURBINES—COOLING

Heller system condensation cooling installation. IU. A. Tumanov Teploenergetika 7 no 2·80-82 F '60.

STEAMPIPES

Steel for steam lines and steam superheaters. A. A. Moiseev. Elek. sta. 31 no. 1:8-9 Ja '60.

STEAMPIPES—TESTING

Creep in pipe subjected to complex loads. B. V. Zver'kov. Energomashinostroenie 6 no. 1·33-35 Ja '60

STEBNITSKII, IERONIM IVANOVICH, 1832-1897

Novokshanova, Z. K. [Ieronim Ivanovich Stebnitskii - military geodesist, geographer, scientist] Ieronim Ivanovich Stebnitskii - voennyi geodezist, geograf, uchenyi. Moskva, Izd-vo geodez. lit-ry, 1960. 91 p.

STEEL

Kolosov, M. I., A. I. Stroganov, and I. IA. Aizenshtok. [Manufacture of ball bearing steel] Proizvodstvo sharikopodshipnikovoi stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 267 p.

Processes of forming enamel coatings on steel. K. P. Azarov Trudy NPI 47·177-199 '58

Properties of 22k steel at 320° and calculated coefficients for the drums of steam boilers. A. S. Zhuravlev. Energomashinostroenie 6 no. 2·37-38 F '60.

Rated strength of the NL2 (15XSND) rolled steel. B. I. Beliaev Prom stroi. 38 no 1·35-36 '60.

STEEL—ANALYSIS

Optimum carbon content of steel suitable for manufacturing cone bits. V. N. Vinogradov, E. L. Markhasin, G. K. Shreiber. Trudy MNI no. 20:165-171 '57.

STEEL—BRITTLENESS

A contradiction in the cold brittleness theory. N. N. Davidenkov. Issl. po zharopr splav 4·13-20 '59.

STEEL—CORROSION

Cells for testing metal - solution systems under the effect of electron rays with allowance for polarization phenomena. M. N. Fokin, T. V. Matveeva, N. D. Tomashov. Trudy Inst. fiz. khim. no. 7:114-118 '59.

Corrosion of steel under stress in nitric acid. V. A. Titov. Zhur. prikl. khim. 33 no. 2·402-408 F '60

Effect of acorn barnacles on the corrosion of carbon steel. N. I. Tarasov, I. B. Ulanovskii. Dokl. AN SSSR 132 no. 3·696-699 My '60.

Electronic potentiostat and its use in developing the structural corrosion of stainless steels M. N Fokin and others Zav lab 26 no 2:219-223 '60.

Oxidation of steel during the roasting of boric and nonboric ground enameled coatings. G. I Beliaev Zhur. prikl khim 33 no 1·94-101 Ja '60

STEEL—DEFECTS

Effect of ingot weight on the extent of hair seams in 1-2Kh13 steel [with summary in English]. E G. Fedorinova and others. Stal' 20 no. 1·77-79 Ja '60.

Ingot shape and surface defects. A. A. Kiselev, V. M. Voinianskii. Metallurg 5 no. 2 19-20 F '60.

Nonmetallic inclusions in ingots heated by the electric slag method. D F. Chernega, V. A. Molotkov. Avtom. svar. 13 no 2 79-82 F '60.

STEEL—HARDENING

Effect of the temperature of water and water solutions on crack formation during hardening. IU. G Vyshkovskii Metalloved i term. obr. met no. 2·32-37 F '60

Wheel hardening in vertical apparatuses starting at temperatures of furnace heating L A. Dolinskaia Metalloved i term obr met no 2:58-61 F '60

STEEL—HEAT TREATMENT

Effect of intermediate annealing in hydrogen on specific losses of cold-rolled electrical steel A. G. Petrenko and others Stal' 20 no. 1 71-73 Ja '60.

Effect of thermal treatment on the decarburization and cracking of steels placed in a hydrogen medium at temperatures ranging from 500° to 600° and under pressures of 800 kg/cm². IU. I Archakov, I D. Grebeshkova, V. P. Teodorovich Zhur. prikl khim. 33 no 1:89-94 Ja '60.

Efficient conditions of heat treating rolls for hot rolling. M. P Braun and others Metalloved i term. obr met no 2·48-52 F '60.

"Heat treatment of steel railroad car parts" by V. S. Sagaradze. Reviewed by K N. Sokolov. Metalloved i term. obr. met no 2·61 F '60.

Investigating hard-faced parts made of steels with low hardenability. K. Z. Shepeliakovskii. Avt. prom. no. 2: 33-36 F '60.

Time length of heating steel parts in salt baths. E. A Smol'nikov Metalloved. i term. obr. met no. 2·53-58 F '60.

Using high-frequency current heating for improving the thermal stability of piston pins. S. V. Chernysheva, F. P. Eremin. Avt. prom. no. 2.40-41 F '60.

STEEL—HYDROGEN CONTENT

Hydrogen embrittlement of steel during the cathodic polarization of the latter sulfuric acid. S. M. Beloglazov, M. I. Polukarov Zhur. prikl. khim. 33 no. 2.389-397 F '60.

STEEL—METALLOGRAPHY

Connection between the deformability of steel and its structure [with summary in English]. N. S. Alferova. Stal' 20 no. 2:144-148 F '60.

Improving the plasticity of textured silicon steel. IA. S. Shvartsbart. Metalloved. i term obr. met no. 2·11-13 F '60.

Structure and properties of capped St. 5ps steel [with summary in English]. A. G. Kalashnikov, M. Sh. Beloglovskii, M. T. Bul'skii. Stal' 20 no. 2:153-158 F '60.

STEEL—METALLURGY

Effect of structure on the mechanical properties and stampability of aluminum-killed steel. V. M. Chirkin, V. K. Barzii. Stal' 20 no. 1·74-77 Ja '60.

Effect of vacuum treatment on the properties of low-carbon steel (from "Stahl und Eisen" no. 7, 1959). E. S. Levinzon. Stal' 20 no. 1:42-43 Ja '60.

Improved techniques of 10G2SD (MK) steel production. V. M. Bedniakov, M. F. Lepin, G. A. Chikalenko. Metallurg 5 no. 2 13-16 F '60.

Kondakov, V. V., and N. S. Boikov. [Steelmaking in small converters with oxygen blow] Vyplavka stali v malykh konvertorakh na kislorodnom dut'e. Pod red. I. P. Bardina. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 186 p.

Making quality and high-grade open-hearth steels with use of sulfurous and highly suflurous fuel oil [with summary in English]. V. P. Filatov and others. Stal' 20 no. 1:36-39 Ja '60

Mchedlishvili, V. A., G. A. Liubimova, and A. M. Samarin. [Role of manganese in preventing the harmful effect of sulfur on the quality of steel] Rol' margantsa v ustranenii vrednogo vliianiia sery na kachestvo stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i i tsvetnoi metallurgii, 1960. 53 p

Using manganese ore in the low-manganese cast iron scrap process. IU. A. Kamenskii. Metallurg 5 no. 1:16-18 Ja '60.

Using prerefined pig iron in open-hearth smelting [with summary in English]. IA. A. Shneerov and others. Stal' 20 no. 1:32-35 Ja '60.

STEEL—SPECIFICATIONS

Steel for steam lines and steam superheaters. A. A. Moiseev. Elek. sta. 31 no. 1·8-9 Ja '60.

STEEL—TESTING

Applying the load method to the study of residual stresses in bars bent in the process of plastic deformation D M Shui Zav. lab 26 no 2·205-208 '60

Effect of idling on the contact strength of steel. N F Kuz'min. Trudy NPI 46 43-56 '58.

Effect of the dimensions of the specimen on the long-period strength of the 12KhMF and 1Kh18N12T steels. V N. Guliaev. Zav lab 26 no 2:198-201 '60.

Machine for the complete testing of the wear and fatigue of steel. V. T. Sharai Zav lab. 26 no. 2·241-242 '60

Methods for a rapid testing of steel at high temperatures. L. V. Meandrov, I. IA. Tarnovskii, A. A Pozdeev Zav. lab 26 no 2:201-203 '60.

Most suitable shape of cylindrical specimens for fatigue testing in pure bending N V Oleinik, D M. Petergeria. Zav lab 26 no 2:210 '60

New hardness number and the Meyer constants for steel. M. S. Drozd. Zav. lab. 26 no. 1·90-93 '60.

Relation of strength characteristics of the 30XG2S steel to heating temperatures. L. E. Epshtein. Bet. i zhel.-bet. no. 1:35 Ja '60.

Resistance to fatigue in a complex curve of the cycle of changes in stresses. M. E. Garf. Zav. lab. 26 no. 1 94-98 '60.

X-ray investigation of the surface layer of tempered 45 steel after grinding. L I. Mirkin. Izv. vys. ucheb. zav., mashinostr. no. 6:158-161 '59.

STEEL—THERMAL PROPERTIES

Calculating the heating of steel, taking into account the heat of recrystallization. G. P. Boikov. Izv. TPI 101: 47-50 '58.

STEEL—WELDING

In the Coordinating Council on Welding. A. M. Luk'ianenko Avtom. svar. 13 no. 2·92-93 F '60.

Investigating cold cracks in the weld zone during the welding of hardenable steels. A. M. Makara. Avtom. svar 13 no. 2 9-33 F '60.

Welding austenite steel with use of an independent filler wire. B. A. Movchan, D. N. Kushnirenko. Avtom. svar 13 no 2 89-91 F '60.

STEEL, STAINLESS—CORROSION

Corrosion of stainless steel due to the vital activities of acorn barnacles. I. B. Ulanovskii and others. Dokl. AN SSSR 132 no. 4:941-944 Je '60.

Effect of barnacle fouling on the corrosion of stainless steel in the Black Sea. K. S. Arbuzova, V. V. Patrikeev. Dokl. AN SSSR 132 no. 3:693-695 My '60.

Investigating changes in the microgeometry of stainless steel surfaces in the corrosion process by the method of profilograms. A. I. Glukhova. Trudy Inst. fiz. khim. no. 7·60-63 '59.

STEEL, STAINLESS—ELECTRIC PROPERTIES

Effect of pH on the electrode potential of stainless steels. IU. M. Korovin, I. B Ulanovskii. Zhur. prikl khim. 33 no. 1·167-172 Ja '60

STEEL, STAINLESS—WELDING

Investigating the roll welding process of thin-sheet 1Kh19N9T stainless steel. V. V. Gorskii, L. T. Babkin. Avtom. svar. 13 no. 1.38-46 Ja '60.

STEEL, STRUCTURAL

Properties of ferrite and austenite pipe and construction steels used over a long period and at high temperatures. L. IA. Liberman. Energomashinostroenie 6 no. 1:45-48 Ja '60

STEEL, STRUCTURAL—ELECTROMETALLURGY

Electric slag remelting of ball-bearing and structural chromium-nickel-tungsten steels [with summary in English] IU. A. Shul'te and others. Stal' 20 no. 1:45-50 Ja '60.

STEEL, STRUCTURAL—TESTING

Braun, M. P. [Fracture and brittleness of alloyed structural steel] Izlom i khrupkost' konstruktsionnoi legirovannoi stali. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 250 p.

Using ordinary presses in tensile-testing of steel pieces. V. Tkachenko. Stroitel' no. 1:27 Ja '60.

STEEL, STRUCTURAL—WELDING

Welding of assembly joints in assembly line preparation of welded I-shapes. V. V. Meshkov. Avtom. svar. 13 no. 2:83-84 F '60.

STEEL ALLOYS—METALLURGY see subdivision under Zaporozh'ye

STEEL ALLOYS—TESTING

New magnetic rod method for the analysis of the crystal structure and strains in rolled ferromagnetic materials and electrical and other alloyed steels. N. L Briukhatov, G. I. Kozhevnikov. Trudy MIIT no. 122:103-111 '59.

STOVES

Combined burner. A. A. Sviridov. Put' i put. khoz. 4 no.1.21 Ja '60.

General purpose kitchen range. I. Lur'e. Obshchestv. pit. no.1·26-27 Ja 60.

STRABISMUS

Comparative evaluation of the effect of atropine and of atropine combined with sympathomimetic preparations on the accommodation and angle of deviation of the eye in convergent strabismus [in Azerbaijani with Russian summary] M. M. Kurbanova. Azerb. med. zhur. no.1 67-72 Ja '60.

"Concomitant strabismus and its treatment" by E. M. Fisher. *Reviewed by* A. N. Dobromyslov. Oft. zhur. 14 no.1 63-64 '60.

Concomitant strabismus in adults and its pathogenesis [with summary in English] A N Dobromyslov Oft zhur 15 no 2 59-60 '60

Influence of stable (spasm) accommodation on eye refraction in persons with anisometropia without amblyopia and strabismus and with amblyopia and strabismus [with summary in English] K A Adigezalova-Polchaeva Oft zhur 15 no 2 106-111 '60

Surgery in the over-all treatment of concomitant strabismus in preschool children [with summary in English] N I Pil'man Oft zhur 15 no 2 69-72 '60

STRAIN GAUGES

Electrotensometers for measuring large deformations Kauch i rez 19 no 1 24-27 Ja '60

Using the effect of electric compensation in disigning tensometers for measuring cutting forces. Ch'eng Ting-ch'ang. Izv. vys. ucheb. zav., mashinostr. no.6 138-149 '59.

STRAINS AND STRESSES

Analyzing stresses in prestressed reinforced concrete elements taking into account long-time processes A B. Golyshev. Izv vys ucheb. zav., stroi i arkhit no 8 59-72 '59

Applying the load method to the study of residual stresses in bars bent in the process of plastic deformation. D M Shur. Zav lab 26 no 2·205-208 '60

Approximate determination of the stressed state of an isotropic plate containing a finite number of circular holes. A. S. Kosmodamianskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no. 2 132-135 Mr-Ap '60.

Calculating local stresses around anchors located in beam spans M E Gibshman Avt dor 23 no. 2· 18-20 F '60

Concentration of fit stresses. A. G. Ugodchikov. Probl. proch. v mashinostr. no. 4:100-110 '59.

Corrosion of steel under stress in nitric acid V. A. Titov. Zhur. prikl khim 33 no. 2·402-408 F '60.

Designing revolving shell systems for axial symmetric deformations due to heating V. N. Pastushikhin Izv vys ucheb zav, stroi i arkhit no 8·28-37 '59.

Determination of residual stresses by the optical polarization method B A Kuznetsov Zav lab 26 no 2· 208-209 '60

Determining the strength of compressed products from metal powders. V. G. Osipov Zav. lab. 26 no.1 122-125 '60.

Distribution of technological loads on ceilings of industrial buildings L V Klepikov Prom stroi 38 no. 1·62-63 '60

Effect of displacements on the degree of stresses in thin-walled beams subjected to bending P. D. Mishchenko. Izv. vys. ucheb zav.; strol. i arkhit. no. 9 52-62 '59.

Effect of overhead frame elements on stresses in hingeless arches of reinforced concrete bridges A. F. Anishchenko, IA. I. Drozd, A. I. Murashko. Sbor. nauch. trud Bel politekh inst. no 70 73-79 '59.

Effect of temperature and moisture conditions on the increased of deflections in bent reinforced concrete construction elements subjected to long-time loads. G. N. Kartsivadze and others. Bet. i zhel.-bet. no. 1,27-31 Ja '60.

Effect of temperature drop between component parts of a boiler drum on the stresses in it. IU. A. Magnitskii. Teploenergetika 7 no. 3·48-51 Mr '60.

Experimental investigation of the method of superposition used for solving problems on stress concentration. O. I. Shishorina. Probl. proch. v mashinostr. no. 4: 47-60 '59.

Goncharov, I. G. [Strength of masonry materials under various stresses] Prochnost' kamennykh materialov v usloviiakh razlichnykh napriazhennykh sostoianii. Pod red. P. D. Evdokimova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam, 1960. 122 p.

Internal stresses in zinc electrodeposits obtained from sulfuric acid electrolytes. N. P. Fedot'ev, A. A. Khonikevich. Zhur. prikl. khim. 33 no. 2 355-362 F '60.

Methods of investigating corrosion and electrochemical behavior of metals under stress. N. D. Tomashov, V. N. Modestova, G. K. Blinchevskii. Trudy Inst. fiz. khim. no. 7·64-77 '59.

Pitliuk, D. A. [Designing frameless large-element buildings for horizontal loads] Raschet beskarkasnykh krupnoelementnykh zdanii na gorizontal'nuiu nagruzku. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 77 p.

Resistance to fatigue in a complex curve of the cycle of changes in stresses. M. E. Garf. Zav. lab. 26 no 1· 94-98 '60

Settlements and deformations of large-panel buildings built on soils containing plant residues A T Iovchuk Osn, fund i mekh grun 2 no 1·14-16 '60

Strains occurring in shaped wire in the manufacture of locked rope B N Dorodnykh Izv vys ucheb zav, gor zhur no 8 118-124 '59

Testing cylindrical compression springs for relaxation. A L Seliavo Zav. lab 26 no 2·203-205 '60

Using A. S. Virnovskii's formula for determining stresses in a tapered sucker-rod string. IA. A. Gruzinov. Azerb. neft. khoz 38 no. 10 25-29 O '59

STRAINS AND STRESSES—MEASUREMENT

Analyzing the results of measuring dynamic stresses in axial compressor blades E I Rusanova Trudy NTO sud prom. 8 no 1·133-159 '58.

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRATOSPHERE see Atmosphere, Upper

STREAM MEASUREMENTS

Hydraulic principles underlying the extrapolation of ascending discharge curves for higher levels. D. E. Skorodumov. Trudy GGI no. 77 3-44 '60.

Outlook for using tensiometers in current velocity measurments. K. A. Zvorykin. Trudy GGI no. 77: 142-153 '60

Relation between the coefficient of the Chezy formula and the coefficient of transition from surface to middle velocities. D. E. Skorodumov. Trudy GGI no 77 45-55 '60.

Some characteristics of the overgrowing of river channels with reference to methods used in streamflow calculations. E. A. Leonova. Trudy GGI no. 77 74-86 '60.

Trestman, A. G. [Methods of compiling streamflow data under different physicogeographical conditions] Metody podscheta stoka rek v zavisimosti ot fiziko-geograficheskikh uslovii. Leningrad, Gidrometeoi izd-vo, 1960. 187 p.

STREET CLEANING MACHINERY see subdivision *under Leningrad*

STREET RAILWAYS
(see also subdivision under Moscow)

Chertok, M. S. [Design, maintenance, and repair of street railway rolling stock] Ustroistvo, remont i soderzhanie podvizhnogo sostava tramvaia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 466 p.

STREET RAILWAYS—COMMUNICATION SYSTEMS

"Sibir'-59." M. M. Savkin. Nauka i zhizn' 27 no. 1:65-67 Ja '60

STREETCARS
(see also subdivision under Omsk)

Using capron in making parts for the rolling stock of the electric transportation system V. TSekov Zhil.-kom khoz 10 no 2 11-13 '60

STREETCARS—MAINTENANCE AND REPAIR

Standardizing amortization deductions in streetcar and trolley-bus systems. S. Rozenberg Zhil.-kom khoz. 10 no 1·13-14 '60

STRENGTH OF MATERIALS

"Failure under repeated loads" by S. I. Ratner. Reviewed by I. V. Kudriavtsev Zav lab 26 no 2:253-254 '60.

Investigating the mechanism of the disintegration of moist materials during the drying process L A Lenikina. Trudy NIKFI no 2 91-100 '58

Rigidity of round, highly perforated plates in which the openings are distributed over the tops of squares. O. N. Ivanov, I. N. Ivanov. Khim. mash. no. 1:33-35 Ja '60.

Use of the K-6 machine for beam testing. N. M. Figurnov, I. I. Chudakov. Vest. vys. shkoly 18 no. 6:85-86 Je '60.

STREPTOCOCCUS

Determination of toxigenic properties of hemolytic streptococci by means of agar precipitation method [with summary in English]. T A. Terent'eva. Zhur. mikrobiol. epid i immun. 30 no 12:27-30 D '59.

Hemolytic cocci in the air of the city of Lvov [with summary in English] IA. G. Kishko. Zhur. mikrobiol. epid. i immun. 30 no. 12:37-39 D '59.

Presence of a streptococcal antigen in rheumatic fever serum. V. I Sachkov and others. Zhur. mikrobiol. epid. i immun. 30 no. 12 122 D '59.

STREPTOCOCCUS PYOGENESIS

Methods for obtaining L-forms of hemolytic streptococci type A and on their reversion to bacterial cultures [with summary in English]. G. IA. Kagan, V S Levashov. Zhur. mikrobiol. epid i immun. 30 no. 12·68-73 D '59.

STREPTOMYCIN

Heightened sensitivity of streptomycin. D. Z. Kagan, IU. I. Katsef. Zdrav. Belor. 5 no. 1·60 Ja '60.

Side effects in the treatment of meningitis by subarachnoid administration of streptomycin and penicillin [with summary in English] A. A. IAkovleva. Sov. med. 24 no. 1:103-109 Ja '60.

STREPTOMYCIN—DRYING

Drying of streptomycin solutions by sublimation. I. D. Boiko, E. S. Bylinkina. Med. prom. 14 no. 1:40-45 Ja '60.

Two-stage air evaporating-drying method of streptomycin dehydration. O. K. Kremnev, V. R. Borovskii, A. A. Dolinskii. Med. prom. 14 no. 1 35-40 Ja '60.

STRESS (PHYSIOLOGY)

Influence of the limitation of sleep and of emotional stress on arterial pressure and the amount of adrenergic substances in the blood of animals. V A Shidlovskii, N T Kovaleva, IU. D Vadkovskaia. Gip bol no 5:83 87 '58

Reaction of the thyroid gland to "stress" following the cutting off the adrenocorticotropic function of the hypophysis [with summary in English]. IU. B. Skebel'skaia. Probl. endok. i gorm 5 no. 6·3-6 N-D '59.

STRIKES AND LOCKOUTS see subdivision under Latin America

STRIKES AND LOCKOUTS—RAILROADS see subdivision under Tanganyika

STRING QUARTET see subdivision under Moscow

STRIP MINING
(see also subdivision under Chelyabinsk Basin; Lebedi, Belgorodskaia Province)

Calculations of water pumping in lignite strip mines V I. Kopylov Izv vys. ucheb. zav, gor zhur no 8 82-87 '59

Comparative evaluation of modern forms of opencut mine haulage. B. V. Faddeev. Trudy Gor.-geol. inst. UFAN SSSR no. 41·165-179 '59.

Controlling the caving-in and sliding of peat in open-pit workings. S. G. Solopov. Izv. vys. ucheb. zav.; gor. zhur. no. 10·3-5 '59.

Determining the depth limit of opencut coal pits. B. V. Faddeev. Trudy Gor.-geol. inst. UFAN SSSR no. 41· 153-160 '59.

Determining the inflow of surface waters into open-pit mines. V. D. Nikulin. Izv. vys. ucheb. zav., gor. zhur. no. 10·6-11 '59.

Determining the optima limits of open pit workings. B. V. Poliakov. Izv. TPI 93:47-52 '58.

Determining the range limit of burden removal in mining low-grade complex ore deposits. L. E. Zubrilov. Trudy Gor.-geol. inst. UFAN SSSR no. 41·149-152 '59.

Experimental investigation and prospects for the use of inclined, small-diameter shafts, in opencut workings. N. U. Turuta, A. T. Galiumullin, B A. Sonin. Izv. vys. ucheb. zav., gor. zhur no 4:65-73 '59.

Horizon and limit values of burden removal coefficients. B. V. Poliakov. Izv. TPI 93:53-58 '58.

"Importance of seasonal baring operations in open-cut mines" by N. A. Malysheva. Reviewed by V. D. Suzdal'tsev, V. V. Lugovskoi. Ugol' 35 no. 1:60-61 Ja '60

Investigating conditions governing the stability of the sides of the Kounrad open-pit mine. S. IU Umbetalin Vest. AN Kazakh. SSR 16 no. 1·18-25 Ja '60.

Rodionov, L. E. [Mine surveying in open pit mining] Marksheiderskoe obsluzhivanie otkrytykh gornykh razrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 219 p.

STRIP MINING—BIBLIOGRAPHY see Bibliography—Strip mining

STRIP MINING—COLD WEATHER OPERATION

Davydov, V. V. [Baring operations in open-pit mines under winter conditions] Vskryshnye raboty na ugol'nykh kar'erakh v zimnee vremia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 49 p.

STRIP MINING—COSTS

Relation between the cost of one ton of ore mined and the gross output in strip mining. L. E. Zubrilov. Trudy Gor.-geol. inst. UFAN SSSR no. 41:161-164 '59.

STRIP MINING—LIGHTING

Use of photorelays for the control of external illumination of open-pit mines. S. A. Sheidin. Svetotekhnika 6 no. 1:28 Ja '60.

STRITTMATTER, ERWIN, 1912-

New trends in the German novel. L. Kopelev. Vop. lit. 4 no. 1:126-145 Ja '60.

STROPHANTHIN

Effect of strophanthin, corglycon and convallosid on some blood coagulation factors [with summary in English] IA. I. Zaidler. Farm. i toks. 22 no 6.527-531 N-D '59.

Intravenous method of strophanthin therapy. N. A. Epshtein. Zdrav. Belor. 6 no. 1:32-33 Ja '60.

New material sources for obtaining strophanthin-K. N. K. Abubakirov, R. Sh. IAmatova. Med. prom. 14 no. 1: 16-17 Ja '60.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Elastic plastic deformations of beam and frame structures. R. M. Shneiderovich. Probl. proch. v mashinostr. no. 4·5 '59.

Stresses in frames with plate-shaped cross bars. G. Kh. Khurshudov. Probl. proch. v mashinostr. no. 4:111-123 '59.

STRUCTURAL [illegible]

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STRUCTURAL [illegible]

[illegible]

SUGAR [illegible]

[illegible]

SUGAR ANALYSIS

[illegible]

SUGAR [illegible] see subdivision [illegible]

[illegible]

SUGAR IN THE BODY

[illegible]

SUGAR INDUSTRY

[illegible] see also subdivision under [illegible]

[illegible]

SUGAR INDUSTRY—BY-PRODUCTS

Using sugar mill slime as additional mineral feed for animals. F P Sokolov Dop UASHN 3 no 1·46-47 Ja-F '60

SUGAR INDUSTRY—COMPETITIONS

Deserved reward. Sakh prom. 34 no.2 1-2 F '60.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

At the Scientific Council of the Central Institute for Information and Construction. G. M. Glagolev. Sakh. prom. 34 no. 1:76-78 Ja '60

Determining the standards of servicing and the number of workers needed for serving and operating the centrifugals. V.A.Serdiuk, L.G.Artemenko Sakh.prom. 31 no.2 51-53 F '60.

Disturbances and their elimination in the operation of feed installations of Heat and Electric Power Plants IU. S. Rubinov. Sakh. prom. 34 no. 1·33-35 Ja '60

"Heat power supply in sugar factories" by M. S. Gurevich, P. D. Fedorov. Reviewed by G. S. Benin. Sakh prom. 34 no. 1,78 Ja '60.

Heat transfer in connection with the boiling of sugar solutions. V. I. Tolubinskii. Trudy Inst. tepl. AN URSR no. 10·3-11 '53.

Modernizing standard settling tanks of the drain piping for wash waters. V. N. Peletminskii. Sakh prom. 34 no. 2·11-13 F '60.

SUGAR INDUSTRY—PERIODICALS

Planned subjects for "Shakharnaia promyshlennost'" in 1960. Sakh. prom. 34 no. 1 7-8 Ja '60.

Planned subjects for "Sakharnaia promyshlennost'" in 1960. Sakh. prom. 34 no 2·9-10 F '60.

Urging technical societies to participate actively in the work of the journal. G. IA. Ivanov Sakh. prom. 34 no. 1:4 Ja '60.

SUGAR MACHINERY

(see also subdivision under Mironovka, Kiev Province, Novo-Troitsk, Kirghizistan)

Continuous diffuser. Z. D. Fel'dshon. Sakh. prom. 34 no. 2 25-28 F '60.

SUGAR MANUFACTURE

(see also subdivision under Petrovskoye, Kharkov Province; Przeworsk, Poland)

Accumulation of raffinose in raffinade wash sirups. L. A. Vodolazskaia, M. T. Molchadskii. Sakh. prom. 34 no. 1;19-21 Ja '60.

Brochure on sugar manufacture. G.S.Demchuk. Sakh. prom. 34 no.2:78-79 F '60.

Calculating the consumption of lime in juice purification. Sakh.prom. 31 no.2·24-25 F '60.

Calculation for thickeners of various design (from "Zucker," no.18, 1959). D G. Bronshtein. Sakh.prom. 34 no 2;74-76 F '60.

Effect of the reaction of water used for diffusion on the operation of the juice-purification plant. A. K. Kartashov and others. Sakh. prom. 34 no. 1,9-11 Ja '60.

Effect of the temperature of defecation and of the recirculation of the juice-mud mixture on the quality of the juice (from "International Sugar Journal," 1959, p. 339). L. Shenshelevich. Sakh. prom. 34 no. 2 76 F '60.

Effect of trisodium phosphate added to the 2nd carbonation juice upon the sugar losses in wash sirups. A. D. Golubeva. Sakh. prom. 34 no. 2;20-22 F '60.

Methods of studying the kinetics of the diffusion of sugar out of beet chips. V. M. Volokhvianskii. Sakh. prom. 34 no. 1;15-16 Ja '60.

More attention should be given to the work of separation plants. N. G. Popov. Sakh. prom. 34 no. 2·6-8 F '60.

Nomogram for calculating the specific heat of juice, sirup, and molasses (from "La Sucrerie Belge," no. 8, 1959). V. I. Chopik. Sakh. prom. 34 no. 2·77 F '60.

Removal of dirt cake from vacuum-filter drums by blowing with water - steam - air mixtures. A. M Solodkovskii. Sakh. prom. 34 no. 1;28 Ja '60.

Theoretical prerequisites for achieving the automatic control of the charging of sugar massecuites into the drum of the centrifugal. K. A. Bortnovskii. Izv. vys. ucheb zav, pishch tekh. no 6·95-100 '59.

Use of ultrasound in the control of scale formation in evaporators. M L. Vaisman, V. P. Tronio, V. M. Pertsel'. Sakh. prom. 34 no. 1;36-39 Ja '60.

SUGARS—ANALYSIS

Microdetermination of sugars by means of a copper compound of trihydroxyglutaric acid [with summary in English]. A. V. Ablov, D. G. Batyr. Zhur. anal. khim. 15 no. 1·112-114 Ja-F '60.

Refractometric method of determining the sugar content of apple sauce, cranberry, and apple jams. L. B. Kaler, A. K. Zarubkina, V A. Petsko Kons. i ov prom 15 no 2 39-40 F '60.

SUGGESTION SYSTEMS

Mass efficiency promotion is an important source for the increase of labor productivity. N. S. Atamanenko. Uch. zap. LGU no. 288;51-68 '59.

SUKHUMI—GLAUCOMA

Active detection of glaucoma among the population of Sukhimi. IA. S. Miminoshvili and others. Vest. oft. 72 no. 6;4-5 N-D '59.

SUKHUMI—MONKEYS

African jungle in Sukhumi M Halushko Ukraina no 1 20 Ja '60

SULA VALLEY (GRADIZHSK DISTRICT)—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological excavations of the ancient Russian city Voin' in 1956 V K Goncharov, V A Bogusevich, R A IUra Krat soob Inst arkheol AN URSR no 8 60-71 '59

SULFAMATES

Using ammonium sulfamate in the control of weeds and other undesirable plants V P Bel'kov, I V. Shutov Les khoz. 12 no 1 7-10 Ja '60

SULFAMIDE

Diphenylchlorophosphazosulfonaryls. V. I. Shevchenko, V. T. Stratienko, A. M. Pinchuk. Zhur. ob. khim. 30 no. 5 1566-1570 My '60.

SULFATES

Determining sulfate ions by direct titration with lead nitrate in the presence of diphenylcarbazone as the indicator. Gidrokhim. mat 29 214-218 '59

Trilonometric determination of small quantities of sulfate ions in water. G. N. Nechiporenko, M. I. Kriventsov. Gidrokhim. mat. 29·211-213 '59

SULFATES—PHYSIOLOGICAL EFFECT

Effect of sodium sulfate on live weight gains in Carpathian Mountain sheep. S Z Hzhyts'kyi, I A Makar. Dop. UASHN 3 no. 1·33-35 Ja-F '60

SULFIDES

(see also subdivision under Ural Mountains)

Synergism between polysulfides and narcotics [with summary in English]. M. V Korablev. Biul. biol. i med 18 no 12 66-68 D '59.

SULFINIC ACIDS

Ferrocenesulfinic acids. E. G. Perevalova, O. A. Nesmeianova, I. G. Luk'ianova. Dokl. AN SSSR 132 no. 4·853-856 Je '60.

SULFONAMIDES

Influence of sulfanilamides on oxidation-reduction processes in patients with hepatocholecystitis. G. A. Abduliabekov. Azerb. med. zhur. no. 2;36-39 F '60.

Pathological anatomy of some forms of pneumonia treated with sulfanilamides and penicillin [with summary in English] A. V. TSinzerling. Arkh. pat. 21 no. 7;20-23 '59.

Synthesis and properties of salts and acyl derivatives of certain alkanesulfon-N-arylamides A G Kostsova. Trudy VGU 57·141-143 '59

SULFONATION

Improving the method for determining the content of hydrocarbons capable of undergoing the sulfonation in benzene, toluene, and xylene. D. A. Aliev. Izv. vys. ucheb. zav., neft' i gaz 2 no 12;83-88 '59.

SULFONE

Products resulting from the azo coupling of bisdiazotized 4, 4'-diaminodiphenylsulfone (aminosulfone) with phenols and naphthols. M. S. Zhedek. Zhur. prikl. khim. 33 no. 2·499-502 F '60

SULFONIC ACID

Chlorides of N-dichlorophosphinylareniminosulfonic acids. E. S. Levchenko, A. V. Kirsanov. Zhur. ob. khim. 30 no. 5;1553-1561 My '60.

SULFONYL CHLORIDES

Organic compounds of sulfur. Part 5: Synthesis and some properties of haloethyne sulfonyl chloride. B. M. Gladshtein, L. Z. Soborovskii. Zhur. ob. khim. 30 no 5·1574-1577 My '60.

SULFUR

IUrovskii, A. Z. [Sulfur in coal] Sera kamennykh uglei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 294 p.

SULFUR—ISOTOPES

Effect on cotton of different doses of radioactive phosphorus and sulfur. D. Agakinshiev. Izv. AN Turk. SSR no. 6 110-113 '59.

Preparation of organic compounds, tagged with radioactive isotopes of sulfur and chlorine, using isotopic exchange. IA. D. Zel'venskii, V. A. Shalygin, A. N. Bantysh. Radiokhimiia 1 no. 6,683-686 '59.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS see subdivision under Black sea

SULFUR DIOXIDE

Effect of operational disturbances in the recovery plant on the arsenic-soda process of sulfur removal. E. Kh. Zemskaia. Koks i khim. no. 2·39-40 '60

Effect of the SO_2 concentration in a gas on absorption rate of SO_2 in different solutions B. A Chertkov. Khim prom. no. 7 586-591 O-N '59

Effect of the temperature on the rate of absorption of SO_2 from gases. B. A. Chertkov, D. L. Puklina. Zhur. prikl. khim 33 no 1:9-13 Ja '60.

SULFUR MINES AND MINING see subdivision under Asia, Central

SULFUR ORGANIC COMPOUNDS

Synthesis of sulfur-containing aryl aliphatic polyamides, and properties of members of the series [with summary in English] O IA Fedotova, A B. Shapiro Vysokom soed 2 no 1·153-157 Ja '60

SULFURIC ACID

Testing a continuous method for the sulfuric acid decomposition of titanium-niobium concentrates. IA. G. Goroshchenko and others. Izv. Kar. i Kol'. fil. AN SSSR no. 4 135-141 '59.

SULFURIC ACID—PHYSIOLOGICAL EFFECT

Labor hygiene and sanitation in the production of catalyzers for the cracking of petroleum B. A. Shekhtman, M. M. Guseinov, N. M. Shiroian. Azerb. med. zhur. no. 1·82-85 Ja '60.

SULFURIC ACID INDUSTRY—EQUIPMENT AND SUPPLIES

Nickel-silicon alloy used in the construction of parts for sulfuric acid concentrators G L Shvarts, IU S Sidorkina Khim prom no 7 631-633 O-N '59

SUMERIANS

A study of private land ownership in Sumeria. V. V. Struve. Vest drev. ist. no. 4·12-23 '59.

SUMMATION (LAW)

Shifman, M. L. [Public prosecutor's summing up of criminal cases] Rech' prokurora po ugolovnomu delu Pod red. P. I. Kudriavtseva. Moskva, Gos. izd-vo iurid lit-ry, 1960 123 p.

SUMY PROVINCE—FOREST RESERVES

In the Spadshchanskiy Forest. Aleksei Palazhchenko. Sov. Ukr. 9 no. 9·118-128 S '59.

SUN

Correlation between the motion of corona matter and of prominences [with summary in English]. M. G. Karimov, N. S. Shilova. Izv. Astrofiz. inst. AN Kazakh. SSR no. 9·10-20 '60

Excitation of helium in the solar chromosphere [with summary in English]. V. A. Krat, V. M. Sobolev. Izv GAO 20 no 5·68-73 '58.

Investigating granulations of the sun's photosphere. Part 2. V. A. Krat, N. M. Gol'dberg-Rogozinskaia. Izv. GAO 20 no. 2;17-21 '56.

Investigation of the solar chromosphere Part 1. V P. Viazanitsyn Izv. GAO 20 no. 3·16-19 '56

Physical nonhomogeneity of the solar chromosphere V. A. Krat, T. V Krat, L. M. Pravdiuk. Izv GAO 20 no. 3 60-66 '56.

Structure of the solar chromosphere and contours of chromosphere spectrum lines. V. A. Krat, T. A. Krat. Izv. GAO 20 no. 2;1-16 '56.

Structure of the solar chromosphere in Hα. I. A Prokof'eva Izv. GAO 19 no. 6 40-56 '55.

SUN—CORONA

Photometry of the solar corona of February 25, 1952 N N. Mikhel'son. Izv GAO 19 no. 6 57-67 '55

Results of observations of the solar corona according to data on the solar eclipse of June 30, 1954. M. V. Babykin, A. A Kaliniak, A. G. Plakhov. Izv. GAO 20 no 3 67-74 '56.

SUN—PROMINENCES

Spectrophotometry of solar prominences. V. N. Zuikov. Izv. GAO 20 no. 2;22-45 '56.

Studying the excitation of hydrogen and helium in solar prominences [with summary in English]. V. M. Sobolev. Izv. GAO 20 no. 5;12-67 '58.

SUNFLOWER

"Sunflower" (Saratov Publishing House, 1959, 226 p.) by V. K. Morozov. Reviewed by N. N. Gil'dshtein. Masl.-zhir. prom. 26 no. 2:45 F '60.

SUNFLOWER SEED

Activity of the leaf apparatus and the formation of seed in sunflowers [with summary in English]. L. P. Zhdanova, N. M. Lebedeva, O. Chvizh. Fiziol. rast. 7 no. 1:25-43 '60.

Effects of heating on the physiological and biochemical properties of sunflower seeds. V. L. Kretovich, E. A. Morgunova, A. I. Starodubtseva. Masl.-zhir. prom. 26 no. 2·8-11 F '60.

SUNFLOWER SEED OIL

Change in the acid number of oil in ripening sunflower seeds. V. G. Shcherbakov. Izv. vys. ucheb. zav.; pishch tekh. no. 6·16-19 '59.

SUOYARVI DISTRICT—LIMNOLOGY

Hydrobiological characteristics of some lakes in Suoyarvi District, Karelian A. S. S. R. O. N. Gordeev. Trudy Kar fil. AN SSSR no. 13;108-125 '58.

SUPER MARKETS

Supermarket in an age of distribution. Timothy D. McEnroe. Amerika no. 41·18-24 '60.

SUPERCHARGING

[illegible]

SUPERCONDUCTIVITY

Crystallochemistry [illegible]

Superconductivity [illegible]

SUPERHEATING

[illegible]

SUPERHEATING [illegible]

[illegible]

SUPERSONIC AERODYNAMICS [illegible]

[illegible]

[illegible]

SVEKOGOLOK — PAPER INDUSTRY

[illegible]

SVIRIDOV, GEORGII VASIL'EVICH, 1915

[illegible]

SWAHILI LANGUAGE

[illegible] of the Swahili language. [illegible]

SWAHILI LANGUAGE — PERIODICALS

[illegible] and its publication [illegible]

SWAHILI LANGUAGE — SYNTAX

[illegible] of the Swahili language. [illegible]

SWAHILI LANGUAGE — VERB

[illegible] in the Swahili language. [illegible]

SWEAT see Perspiration

SWEDEN — BAKERIES AND BAKERIES — EQUIPMENT AND SUPPLIES

[illegible]

SWEDEN — MISPLACED ENGINEERING

[illegible] "[illegible]" [illegible]

SWEDEN — RAILROADS

[illegible] Ja '60.

SWIMMING see Sedimentation under Rivers

SWIMMING, RECORD AND ANALYSIS

[illegible] [with [illegible]] [illegible] Ja '60

SWINE

[illegible]

[illegible]

[illegible]

SWINE — DISEASES

[illegible]

[illegible]

[illegible] 1953. [illegible] p.
(DA)

SWINE — FEEDING AND FEEDING

[illegible]

[illegible]

[illegible]

SWINE — PHYSIOLOGY

[illegible]

SWINE BREEDING

[illegible]

[illegible]

SWINE HOUSES AND EQUIPMENT
(see also [illegible] under [illegible])

[illegible]

SWITCHES, ELECTRIC see Electric switchgear

SWITCHING THEORY

[illegible] switching transistors. [illegible] Ja '60.

Estimation of the lifetime of contact equipment [with summary in English]. D. A. Abdullaev. [illegible]

[illegible]

Finite automata. Part I [with summary in English]. M. A. Aizerman and others. [illegible]

[illegible]

Reliability criteria of [illegible] [with summary in English]. [illegible]

SWITZERLAND — ELECTRIC LINES — OVERHEAD

[illegible]

SWITZERLAND — PETROLEUM

[illegible]

SYAYS — WOOD USING INDUSTRY — EQUIPMENT AND SUPPLIES

[illegible]

SYENE ACID see Alkenes

SYMPATHOMIMETICS

[illegible]

[illegible]

[illegible]

[illegible]

SYMPHONIC MUSIC

[illegible]

[illegible]

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[illegible]

[illegible]

SYR DARYA VALLEY — AGRICULTURE

[illegible]

SYR DARYA VALLEY — ROADS

[illegible]

SYRINGES

[illegible]

SYSTOLE — [illegible]

[illegible]

SYSIN, ALEKSEI NIKOLAEVICH, 1879

A. N. Sysin. [illegible] Ja '60.

SZASZ [illegible]

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TADZHIKISTAN — [illegible]

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TAJIKISTAN MALARIA [illegible]

TAJIKISTAN [illegible]

TAJIKISTAN [illegible]

TAJIKISTAN [illegible]

TAJIKISTAN [illegible]

TAJIKISTAN [illegible]

TAJIKISTAN [illegible]

[illegible]

TATAR A S S R —MINERALS IN SOIL

Studying the transformation of phosphates in soils of the Tatar A.S.S.R [with summary in English] L.M. Voikin Pochvovedenie no 1 87-91 Ja '60

TATAR A S S R —OIL WELL DRILLING

Youth "relay" for oil well drilling A Smirnov Tekh mol 28 no 1 10-11 '60

TATAR A S S R —PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Fire extinction on petroleum farms. F. Konarev. Pozh delo 6 no. 1 24 Ja '60.

Training on the training grounds. A.Garpinchenko, A.Zhirnov Pozh.delo 6 no.2 11-15 F '60.

TATAR A S S R —POLITICS AND GOVERNMENT

Spiridonov, M , and N Chernysheva. [Deputies are the servants of the people] Deputat - sluga naroda [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 16 p (Bibliotechka deputata)

Tatar A. S. S. R. Verkhovnyi Sovet. [Meetings of the Supreme Soviet of the Tatar A. S. S. R., fourth session, December 12, 1956. Verbatim report] Zasedaniia Verkhovnogo Soveta Tatarskoi ASSR, chetvertaia sessiia, 12 dekabria 1956 goda. Stenograficheskii otchet. [Kazan'] 1957. 69 p.

TATAR A S S R —SOCIAL CONDITIONS

Spiridonov, M , and N Chernysheva [Deputies are the servants of the people] Deputat - sluga naroda [Kazan'] Tatarskoe knizhnoe izd-vo, 1959 16 p. (Bibliotechka deputata)

TATAR A S S R —WAGES—ACCOUNTING

Mechanization of accounting for wage payments using keyboard calculating machines. A. Salimgareev Bukhg. uchet 16 no. 12.40-42 D '59.

TATRA NATIONAL PARK—BOTANY

Books on the Tatra National Park. S. M. Stoiko. Ukr. bot. zhur 16 no. 6.106-110 '59

TAUTIEV, S K.

S. K. Tautiev in the role of Kosta. T. Kh. Karlaeva. Izv. Sev -Oset. nauch. -issl. inst. 21 no. 3·159-162 '59.

TAUTOMERISM

Tautomerism of amides. V. M. Potapov, A. P. Terent'ev. Dokl. AN SSSR 132 no. 3·626-627 My '60.

TAX ACCOUNTING

Millionshchikov, D. A., and others. [Deductions from profit, decentralized accounting procedure] Otchisleniia ot pribyli, detsentralizovannyi poriadok raschetov. Moskva, Gosfinizdat, 1959. 117 p.

TAXICABS see subdivisionunder Moscow

TAXIL, LEO, pseud. see Jogand-Pages, Gabriel Antoine, 1854-1907

TAYLOR'S SERIES (MATHEMATICS) see Series, Taylor's

TAYMYR PENINSULA—FISHERIES

When night falls in the Arctic. O. Rykovtsev. Ukraina no. 4:9 F '60.

TAYMYR PENINSULA—GEOLOGY, STRATIGRAPHIC

Importance of Tabulata for stratigraphic division of Silurian sediments in the eastern Taymyr Peninsula. M. S Zhizhina. Trudy NIIGA 105 152-169 '59.

New data on the Cambrian stratigraphy of the central Taymyr Peninsula R. F. Sobolevskaya Trudy NIIGA 105:44-50 '59.

TAYMYR PENINSULA—HUNTING

When night falls in the Arctic. O. Rykovtsev. Ukraina no. 4:9 F '60.

TAYMYR PENINSULA—STAUROLITE

Find of optically negative staurolites in the Taymyr Peninsula. Z. Z. Ronkina. Trudy NIIGA 96 181-183 '59.

TBILISI see Tiflis

TEA

(see also subdivision under Azerbaijan; China; Krasnodar Territory; Vietnam, North)

Aromatic substances in the green leaf O D Chanturiia Biokhim chain proizv. no 7 167-175 '59

Bacteriostatic and bactericidal properties of the differen fractions of tea tannin with regard to certain bacteria o the enteric group. M A Bokuchava, S. I Berdyeva Biokhim chain proizv. no 7 209-213 '59

Biochemical characteristics of red and yellow tea V G Pruidze Biokhim chain proizv no 7 38-41 '59

Chemical changes taking place during the heat treatment of tea V. G Pruidze Biokhim chain proizv no 7 25-29 '59

Chromatographic study of tannin preparations isolated from the tea leaf at different stages of processing Sh K Kobakhidze Biokhim chain proizv. no 7 196-199 '59

Composition of the tannin complex of the tea plant M N Zaprometov. Biokhim. chain proizv no. 7 114-132 '59

Determining the sugar content of the tea leaf M. S. Bardinskaia, K B Serebrovskaia, T L Auerman Biokhim chain proizv no 7 189-195 '59

Effect of ionizing radiation on the oxidation processes in tea leaves A G Pasynskii, O A Virovets Biokhim chain proizv no 7 200-208 '59

Effect of irrigation on tea quality G I. Kharebava Biokhim chain proizv no 7 62-73 '59

Effect of the geographical factor on the activity of oxidizing enzymes in the tea leaf G A Buzin Biokhim chain proizv no 7 159-162 '59

Method for determining the ammonia content of tea V. R. Popov Biokhim chain proizv no 7 182-188 '59

Nature of oxidized phenol compounds in black tea E A Roberts Biokhim chain proizv no 7 133-142 '59.

New amide in tea V R Popov Biokhim chain proizv no 7 163-166 '59

New method for tea leaf fixation and refinement of processing cycles in the production of green leaf tea M. N Shavishvili Biokhim chain proizv no 7 30-37 '59

Objective rating of raw tea K. M Dzhemukhadze Biokhim chain proizv no 7 89-97 '59

Quantitative determination of catechols by densitometry G A Soboleva Biokhim chain proizv no 7 176-181 '59

Relation between tea leaf respiration and fermentation T A Shubert Biokhim chain proizv no 7 149-158 '59

Results of production testing of the new technology for black tea M A Bokuchava and others Biokhim chain proizv no 7 12-24 '59

Role of carbohydrates in the greater winter hardiness of the tea plant during acclimatization N P Bedrykivs'ka, M M Vil'chyns'kyi Trudy Bot sada AN URSR 6 17-24 '59

Role of polyphenoloxidase and peroxidase in the transformation of tannins in the tea leaf N. D Tedeshvili Biokhim chain proizv no 7 143-148 '59

Scientific principles of new methods for producing black tea M A Bokuchava Biokhim chain. proizv no 7 5-11 '59

Shikimic acid in tea leaves. M. N. Zaprometov, E. I. Silina. Dokl. AN SSSR 132 no. 3:704-707 My '60.

Studying free amino acids in the leaves of Georgian and Indian tea by paper chromatography M. A. Bokuchava, V R Popov Biokhim chain proizv no 7 111-113 '59

TEA—ANALYSIS

Objective methods of evaluating the quality of black tea. B. S. Kandelaki and others. Izv. vys. ucheb. zav.; pishch. tekh. no. 6:130-135 '59.

TEA —OPTICAL PROPERTIES see subdivision under Bostandyk District

TEACHERS

(see also subdivision under Bulgaria; Karelia; Ukraine)

The Sixth Plenum of the Central Committee of a Trade Union. Vest. vys. shkoly 17[i. e. 18] no. 5:73 My '60.

TEACHERS, TRAINING OF

(see also subdivision under Cherkassy; Kalinin Province, Moscow, Vladimir Province)

Affairs and needs of the faculty of industrial education. I. I. Beskorovainyi, N. A. Bakaev. Vest. vys. shkoly 18 no. 6·44-47 Je '60.

Problems of educational departments in the light of the law on strengthening contacts between school and life. A. I. Markushevich Sov. pedag. 24 no 2 3-15 F '60.

Schools should have qualified mechanical drawing teachers. V. E. Khrennikova. Vest. vys. shkoly 18 no. 6:50-52 Je '60.

Training of drawing teachers for secondary school classes. S. I Banashek, N. P. Pashkov, E V TSitovich. Uch. zap. Mosk. gor ped inst. 84·33-57 '58.

TEACHERS COLLEGES see subdivision under Odessa

TEACHERS IN LITERATURE

Portrayal of teachers in A P. Chekhov's work. A. I Matsai Rad shkola 39 no 1 84-88 Ja '60.

TEACHING

Applying the method of comparison in class. Z. IA. Gornostaeva. Dokl. APN no. 3:25-28 '59.

Encourage active participation of students in the educational process. A. A. Zhukovskii. Obshcheobr. shkola vzrosl. no. 6 15-18 N-D '59.

Independent work of students with a textbook in class. A. F. Solov'eva. Sov. pedag. 24 no. 2:103-112 F '60.

Outlining the plan of the course. P. I. Stavskii. Politekh. obuch. no. 12:19-22 D '59.

Three works on didactics. M. I. Liubitsina and others. Sov. pedag. 24 no. 2:149-153 F '60.

TECHNICAL ASSISTANCE

Different aims and different policy ("Soviet economic aid" [in English] by Joseph S. Berliner. Reviewed by F. Piskoppel). Vnesh. torg. 30 no. 5:41-43 '60.

TECHNICAL ASSISTANCE, POLISH

Poland's economic cooperation with underdeveloped countries [with English summary in appendix]. M. Dobroczinsky. Vnesh. torg. 30 no. 5:23-26 '60.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Afghanistan; China; Egypt; India

TECHNICAL ASSISTANCE, WEST GERMANY see subdivision under India

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Germany, East; Germany, West; Gorkiy; Hungary; Leningrad, Moldavia; Moscow; Odessa; Tajikistan; Tula; United States)

Affairs and needs of the faculty of industrial education. I. I. Beskorovainyi, N. A. Bakaev. Vest. vys. shkoly 18 no. 6:44-47 Je '60.

Before the great running jump. P. Guzman. Kul't. -pros. rab. 20 no. 12 34-36 D '59.

Development of technical abilities in orphanage students. A. S. Shastov. Det. dom 15 no. 4:38-46 '59.

Follow-up on our unpublished letters. Vest. vys. shkoly 17[i. e. 18] no. 5:94 My '60.

In schools of advanced practices of communal enterprises M. Sonin Zhil. -kom khoz 10 no 1·7-8 '60

In the Methodological Council. Vest. vys. shkoly 17 [i. e. 18] no. 5·25-27 My '60.

Interconnection between industrial training, productive work and the study of fundamentals of science. P. R. Atutov. Dokl. APN no. 3·5-8 '59.

Litvinenko, P. A. [Organization of the industrial and technical training of workers] Organizatsiia proizvodstvenno-tekhnicheskogo obucheniia rabochikh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 133 p.

New plans and new great deeds Prof. -tekh obr. 17 no 1.1-2 Ja '60.

On coordination and connection of education with productive work. S. M Shabalov Politekh. obuch no 12; 7-12 D '59

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook for students entering special secondary schools of the U. S. S. R. (technical schools) in 1960] Spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1960 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 358 p.

Technical education in the light of the resolutions of the 20th Congress of the CPSU. P. I Popov. Uch. zap. MGPI 110 3-18 '57.

TECHNICAL LIBRARIES

Planning and coordination of bibliographical work of technical libraries. A. V. Kremenetskaia. Sov. bibl. no. 6:22-28 '59.

TECHNICAL SOCIETIES

(see also subdivision under Riga)

Brief news. NTO 2 no. 2:61 F '60.

Discussing resolutions of the First All-Union Congress of Scientific Technological Societies NTO 2 no 1 41 Ja '60.

Power engineers mobilize resources. NTO 2 no. 2·50-57 F '60.

Reports and elections in primary organizations NTO 2 no 1 41-42 Ja '60.

Sections, commissions, committees. F Gel'fand NTO 2 no. 1 55-56 Ja '60

When public initiative is underrated T. Larina. NTO 2 no. 1 40-49 Ja '60

TECHNOCRACY

"Technology and social progress" by G. V. Osipov. Reviewed by I. M. Rogov. Vop. filos. 14 no. 5:179-180 '60.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Germany, East; Gorkiy Province; Kazan; Kazakhstan; Leningrad; Mari A. S. S. R.; Novosibirsk; Rostov-on-Don Province)

After the conference A. Mikhailov. NTO 2 no 1 43-45 Ja '60

An example of communist labor. V. Nedikov. Blok. agit. [Len.] no. 3:21-27 Ja '60.

Be persistent in introducing modern equipment into all branches of the national economy. Mekh. i avtom. proizv. 14 no. 2·3-4 F '60.

Device for stopping tractors and filtration of fuel through water. D. Glenko. Sel'. mekh no. 2·27 '60.

Important stage on the way toward faster technical development IU. Maksarev. NTO 2 no. 1·5-8 Ja '60.

In foreign countries. Znan. ta pratsia no. 1:32 Ja '60.

In foreign countries. Znan. ta pratsia no. 2:31 F '60.

Kiselev, D. [Research of a designer; notes of an inventor] Poiski konstruktora, zapiski izobretatelia. [Moskva] Izd-vo VTsSPS, 1960. 189 p. (Massovaia biblioteka rabochego)

Let us carry out the resolutions of the December Plenum of the Central Committee of the CPSU. P. Kuchumov. NTO 2 no. 2:2-4 F '60.

Mechanization in engineering and management work. B. Veize. NTO 2 no 1 14-15 Ja '60.

Mechanization of assembly and repair work in electric shops. A. V. Dovgii. Mashinostroitel' no. 2:18-19 F '60.

New patriotic initiative. Mashinostroitel' no. 2:34-35 F '60.

TECHNOLOGICAL INNOVATIONS (Continued)

A permanent conference becomes an active force. S.L. Sarmateshov. Mashinostroitel' no 2:45-46 F '60.

Promoting technical development. V.A.Ivanov. Mashinostroitel' no.2 3-4 F '60.

Recent developments in science and technology Nauka i zhyttia 8 no 2 57 F '58

Recent developments in science and technology. Nauka i zhyttia 8 no.11:59 N '58.

Technical development is the base for the building of communism. Mekh i avtom proizv 14 no 1 3-5 Ja '60

This is real party work. N. Lerner. Part.zhizn' Kazakh. 39 no.1:34-40 Ja '60.

V.A.Putovskii. V.Shabaev. Mashinostroitel' no.2.40 F '60

Work of the scientists of the institutions of higher learning at the Exhibition of Achievements of the National Economy. B.S.Blaznin, E.I.Bruskin, IA.M.Fogel'. Vest. vys.shkoly 18 no.6:58-63 Je '60.

TECHNOLOGICAL INNOVATIONS—CONGRESSES

Discussing introduction of new technology. D.I.Eristavi. Vest.vys.shkoly 18 no.6:67-68 Je '60.

TECHNOLOGY

Economic and technical foundation of communism. A.A. Zvorykin. Vop.filos. 14 no.5:26-40 '60.

History of technology in the works of K.Marx. A.A.Kuzin. Vop.ist.est.i tekh. no.8:149-154 '59.

New Year's feature story. P.Zamans'kyi, IA.Shnaider. Znan.ta pratsia no.1:20-30 Ja '60.

Revisions brought by a single decade. Znan.-sila 35 no.2 44 F '60.

"Technology and social progress" by G.V.Osipov. Reviewed by I.M.Rogov. Vop.filos. 14 no.5:179-180 '60.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—INFORMATION SERVICES see subdivision under Karaganda Economic region

TECHNOLOGY—TERMINOLOGY

Defining the term "tekhnika." S.V.Shukhardin. Vop.ist. est.i tekh. no.8:144-149 '59.

TELECOMMUNICATION

(see also subdivision under Stavropol Territory)

Communication workers of the Russian Federation are fighting for progress in the field of communications. E S.Medvedev. Vest sviazi 20 no.1.20-22 Ja '60.

The DGU-1 chief-operator unit with a reversible loudspeaker. A.I.Mirkin. Biul.tekh.-ekon.inform. no.1: 41-44 '60.

Kaleshov, V.N. [Long-distance communication lines] Mezhdugorodnye kabel'nye linii sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 105 p.

Let's provide the agriculture workers with radio and other means of communications. V.N.Dogadin. Vest.sviazi 20 no.2:23-24 F '60.

Merkulov, A.F. [Variable equalizers] Peremennye vyravnivateli. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 65 p. (Lektsii po tekhnike sviazi)

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

ELECOMMUNICATION—EMPLOYEES—DISEASES AND HYGIENE

evel of arterial pressure and the frequency of hypertension among female telegraph and telephone workers. G.L.Spivak. Gig.bol no.5:106-206 '58.

ELEGRAPH

(see also subdivision under Kursk)

utomatic phase control circuit for a synchronous electronic telegraph apparatus. E.A.Demin, L.A.Chinenkov. Elektrosviaz' 14 no.2:72-74 F '60.

ural communications; survey of letters to the editor. Vest.sviazi 20 no.1:17-19 Ja '60.

ELEGRAPH—EQUIPMENT AND SUPPLIES

evice for applying paint to the painting ribbon of the ST-35 apparatus. A.S.Alekseev. Vest.sviazi 20 no.2: 15 F '60.

ELEGRAPH—HANDBOOKS, MANUALS, ETC.

iazhitskii, G.M., and I.G.Kostylev. [An aid for training telegraph operators in the use of telegraph apparatus] Posobie po obucheniiu telegrafistov rabote na apparatakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 142 p.

LEGRAPH, WIRELESS

asing of the output cascade of a telegraph transmitter. I. Kapustin. Radio no 2-21 F '60.

LEMETERING

terference rejection of a frequency telemetering system with weak pulsating interference. IU.I.Chugin. Avtom. i telem. 21 no.1:93-105 Ja '60.

ltichannel TU-TS system with polarity-amplitude block election. I.P.Petrov, A.F.Il'inykh. Izv.vys.ucheb. av.; gor.zhur. no.4:81-86 '59.

Radiotelemetering M Bova. Nauka i zhyttia 8 no 2 4-7 F '58

Remote control level indicator of the pulp mass. L.K. Poliakov. Bumagodel.mash. no.7:64-80 '59.

System for automatic telemetering of the output of an oil well. A.A.Abdullaev, I.A.Nabiev. Avtom.i telem. 21 no.2:266-270 F '60.

TELEMETERING—BIBLIOGRAPHY see Bibliography—Telemetering

TELEPHONE

(see also subdivision under Sverdlovsk)

The Central Long-distance Telephone Exchange is operating on a 7-hour workday schedule. P.P.Nikul. Vest. sviazi 20 no.2:3 F '60.

Derivation of equation of state systems for dual cascade loss containing telephone circuits G.P.Basharin Elektrosviaz' 14 no 1:56-61 Ja '60

Hasten the improvement and development of rural communications. N.D.Psurtsev. Vest.sviazi 20 no.1 1-2 Ja '60.

Rural communications; survey of letters to the editor. Vest.sviazi 20 no.1:17-19 Ja '60.

TELEPHONE—NOISE

Decrease of crosstalk between high-frequency oscillation circuits V O Shvartsman Elektrosviaz' 14 no.1:71-78 Ja '60

TELEPHONE, AUTOMATIC

Indirect control pulse system for a noncontact or mechanoelectronic automatic telephone exchange G.Z.Maksimov. Elektrosviaz' 14 no.2:60-65 F '60.

TELEPHONE LINES

Determination of principal parameters of multichannel translator amplifiers which are used in transmission line networks. A.I.Borisov. Elektrosviaz' 14 no.2: 45-53 F '60.

TELESCOPE

Anallactic telescopes with reticules for distance measurement. B.F.Fefilov. Trudy MIIGAIK no.35:3-66 '59.

Investigating the error of the field of the "Industar-17" lens of the astrograph at the Stalinabad Astrophysical Institute. G E.Erleksova. Biul.Inst.astrofiz AN Tadzh.SSR no.26:25-27 '58.

TELESCOPE, REFLECTING

Protective cap for the AT-1 telescope mirror. V.A. Merkushev. Biul.sta.opt.nabl.isk.sput.Zem. no.1: 8-9 '60.

Simple sighting device for the AT-1 telescopes. V.M. Mozhzherin. Biul.sta.opt.nabl.isk.sput.Zem. no.1: 7-8 '60.

TELESCOPE, ZENITH

Observations of faint artificial satellites on a zenith telescope. L.T.Bukhantsev. Biul.sta.opt.nabl.isk. sput.Zem. no.1:6-7 '60.

TELEVISION

Bialik, G.I. [Television] Televidenie. [Leningrad] Lenizdat, 1960. 323 p.

Contrast and sharpness in the television reproduction of moving objects. K.M.Shul'zhenko. Izv.TPI no.86:123-136 '58.

Equipment for television recording on magnetic tape. V.I.Parkhomenko. Tekh.kino i telev. 4 no.1:30-32 Ja '60.

In the Central Committee of the CPSU. Improvement of Soviet broadcasting and the further development of television. Sov.pech. no.2 1-5 F '60.

Our consultations. Radio no 2 61-62 F '60

Translator amplifiers in television engineering. G.P. Sherov-Ignat'ev. Tekh kino i telev. 4 no 1:37-43 Ja '60.

TELEVISION—ANTENNAS

Loop antennas for long-distance television reception. S.Sotnikov. Radio no.2:39-41 F '60.

Television antenna using a ferrite V.Khomich. Radio no.2 22 F '60.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EQUIPMENT AND SUPPLIES

Equipment for magnetic video recording. R.M.Kashertninov, V.V.Rakovskii, V.G.Komar. Tekh.kino i telev. 4 no.2:57 F '60.

TELEVISION—INTERFERENCE

Averbukh, S.Kh., L.A.Kneller, and F.L Krukovets. [Industrial interferences to television and methods for their suppression] Industrial'nye pomekhi televideniiu i metody ikh podavleniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 66 p.

TELEVISION—PICTURE TUBES

Calculation of screen brightness of an electron-beam tube with circular scanning. E.I.Fialko. Izv.TPI no.86:3-7 '58.

Storage characteristics of cascade screens and calculation of the visibility of the signal. M.M.Graisianskaia. Izv.vys.ucheb.zav., radiofiz. 2 no.5:759-765 '59.

TELEVISION—RECEIVERS AND RECEPTION

(see also subdivision under Lvov)

"Belarus'-5." E.Shpil'man. Radio no.1:35-37 Ja '60.

"Kristall" television set. A.Pukhtenko. Radio no.1: 39-41 Ja '60.

Radio receivers, television sets, and radio-phonographs for the year 1960. Radio no.1:33-34 Ja '60.

Television set for the reception of long-distance signals. IU.Rutkovskii. Radio no.1:37 Ja '60.

Vertical scanning output cascade. IU.I.Serebriakov. Elektrosviaz' 14 no 1:32-39 Ja '60.

Voltage stabilizer for SNF-200 television sets. S.Shevchenko. Radio no.2 45-46 F '60.

"Voronezh" television set V.Gugin, N Kuznetsov. Radio no.2 35-37 F '60

TELEVISION—TRANSMITTERS AND TRANSMISSION

Episcope television pick-up with a scanning beam for compatible systems of color television. I.IA.Butlitskii, A.N.Kiselev. Tekh.kino i telev. 4 no.2:46-51 F '60.

Govallo, I.I. [Standard television centers and television relay stations] Tipovye televizionnye tsentry i retransliatsionnye televizionnye stantsii. Moskva, Gos.izd-vo lit-ry po voprosam sviazi radio, 1960. 61 p. (Lektsii po tekhnike sviazi)

Ionosphere and long-distance television. K Kostkov. Radio no.2 37-38 F '60.

Reserve modulator for a television transmitter. V.M. Nemirovskii. Vest.sviazi 20 no.2:20-30 F '60.

Transmission of two independent television programs through a common communication channel. V.L.Kreitser. Tekh kino i telev. 4 no 1:22-29 Ja '60.

TELEVISION—TRANSMITTERS AND TRANSMISSION—BIBLIOGRAPHY see Bibliography—Television—Transmitters and transmission

TELEVISION, SUBMARINE—EQUIPMENT AND SUPPLIES

PTU-5 underwater television equipment. V.A.IArkov. Tekh.kino i telev. 4 no.1:44-48 Ja '60.

TELEVISION BROADCASTING

(see also subdivision under Tashkent)

Development of telecasting in 1960. V.N.Vinogradov. Vest.sviazi 20 no.2:5-6 F '60.

The development of television broadcasting. K.Aleksieiev. Nauka i zhyttia 8 no.11:24-29 N '58.

[Principles of technical planning of transmitting networks for television and shortwave F.M. broadcasting; information manual] Printsipy tekhnicheskogo planirovaniia peredaiushchikh setei televizionnogo i UKV CHM veshchaniia, informatsionnyi sbornik. Moskva, Izd-vo lit-ry po voprosam sviazi i radio, 1960. 93 p. (Tekhnika sviazi)

Problems of the further development of telecasting engineering S.V.Kaftanov. Tekh.kino i telev. 4 no.1: 5-6 Ja '60.

TELEVISION BROADCASTING OF FILMS

Output stage circuit with a "positive-negative" switch. I.I.Sheifis. Tekh.kino i telev. 4 no.2:69-72 F '60.

TELEVISION CAMERAS

Methods of testing television transmitter tubes. K.M. Shul'zhenko. Izv.TPI no.86:137-143 '58.

TELEVISION MUSIC

Imprisoned by standardization. E.Mikhailova. Sov.muz. 24 no.2:149-150 F '60.

TELEVISION PROGRAMS see subdivision under United States

TELEVISION PROJECTION

Television projection onto large screens. N.I.Tal'nov. Tekh kino i telev. 4 no.1:72-83 Ja '60.

TELEVISION STATIONS

Govallo, I.I. [Standard television centers and television relay stations] Tipovye televizionnye tsentry i retransliatsionnye televizionnye stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi radio, 1960. 61 p. (Lektsii po tekhnike sviazi)

TELLURIUM—ANALYSIS

Radioactivation analysis applied to the determination of microimpurities in tellurium. O.E.Zviagintsev, V.I. Shemaev. Radiokhimiia 1 no.6:717-723 '59.

Separation of tellurium from platinum and nonferrous metals by means of a cationite. N.P.Strel'nikova, G.G. Lystsova. Zav lab. 26 no.2:143-144 '60

TEMIR-TEL'BES REGION (GORNAYA SHORIYA)—ORE DEPOSITS

Structural conditions determining the occurrences of skarn-ore formations of the Temir-Tel'bes region in Gornaya Shoriya. V.M.Kliarovskii. Trudy Gor.-geol.inst.Zap.-Sib.fil.AN SSSR no.17:33-38 '56.

TEMIR-TEL'BES REGION (GORNAYA SHORIYA)—SKARNS

Structural conditions determining the occurrences of skarn-ore formations of the Temir-Tel'bes region in Gornaya Shoriya. V.M.Kliarovskii. Trudy Gor.-geol inst.Zap.-Sib.fil.AN SSSR no.17:33-38 '56.

TEMPERAMENT

Characteristics of the lactation reflex in cows with cortical nervous processes of different strength. L.I. Kokorina. Trudy Inst. fiziol. 8:40-50 '59.

Material on the physiological description of the types of nervous system. V.K. Krasusskii. Trudy Inst. fiziol. 8:60-69 '59.

TEMPERATURE see subdivision under Arctic Ocean; Barents Sea

TEMPERATURE - MEASUREMENT

High-temperature method of contact thermography [with summary in English]. N.A. Bolonov. Zhur. fiz. khim. 34 no.1:101-104 Ja '60.

Measuring temperature in an air flow. I.A. Kubalo, V.I. Petluk. Trudy Inst. tepl. AN URSR no.16:61-64 '59.

Measuring the temperatures of brickwork by the height of heating lines. V.G. Pronk-Prudnov, A.P. Borodikhin. Koks i khim. no.3:27-29 '60.

New devices for temperature measurement [with summary in English]. I. Pavlova, I. Gudovshchikov. Khol. tekh. 37 no.1:18-20 '60.

TEMPERATURE - PHYSIOLOGICAL EFFECT

Use of preferred temperatures in studying insect behavior [with summary in English]. A.V. Lukyanov. Zool. zhur. 39 no.1:[illegible] Ja '60.

TEMPERATURE REGULATORS

ARTM-1 and AIRTM-1 semiconductor pulse-type temperature regulators. E. Gorovenko. Khol. tekh. 37 no.1:47-50 Ja-F '60.

Methods for the optimum adjustment of regulators according to empirically determined dynamic characteristics of the system being regulated. I.V. Anisimov. [illegible] '59.

TEMPERING

Changes in the fine crystal structure of martensite during the tempering of rapid steel. P.M. Shashkovich. Metalloved. i term. obr. met. no.4:[illegible] '60.

TEMPLES, GREEK

A study of the origin of temple property in ancient times. Z.I. Iampol'skii. Vest. drev. ist. no.4:[illegible] '59.

TENSOMETERS

Optical tensometer. G.I. Tsybina, I.M. [illegible] Izv. vys. ucheb. zav.; prib. [illegible] 159 '59.

Outlook for using tension stress in current velocity measurements. [illegible] '60.

Tensometer for the investigation of [illegible]

TER-PETROSIAN, SEMEN ARSHAKOVICH, 1882-1922

A tale about a wonderful life (...) among the life and activities of the professional revolutionary S.A. Ter-Petrosian (by I. Moranian. Reviewed by [illegible]) [illegible] Ja '60.

TEREBOVLYA DISTRICT - LIBRARIES, RURAL

A good plan [illegible] '60.

TEREK VALLEY - BOTANY - ECOLOGY

The [illegible] of plants of the Terek-Kuma Plain [illegible] [with summary in English]. [illegible] Ja '60.

TEREK VALLEY - FORESTS AND FORESTRY

[illegible] Terek forests. [illegible] '60.

TEREK VALLEY - PLANTS - ASSIMILATION

Mineral composition of [illegible] forage plants of the Terek-Kuma Plain [illegible] [with summary in English]. [illegible] '60.

TEREPHTHALIC ACID

Plasticization of crystalline polymers. Part 1: Plasticization of isotactic polystyrene and polyethylene terephthalate [with summary in English]. V.A. Kargin, T.I. Sogolova, G.Sh. Talipov. Vysokom. soed. 1 no.11:1670-1677 N '59.

Preparation of graft copolymers. Part 5: Grafts of vinyl monomers on polyethylene terephthalate [with summary in English]. V.V. Korshak, K.K. Mozgova, M.A. Shkolina. Vysokom. soed. 1 no.11:1604-1611 N '59.

TERNOPOL PROVINCE - AGRICULTURAL ADMINISTRATION

Shevchuk, H.I. [Successful party leadership depends on close contact with the masses] Tisnyi zv'iazok z masamy - zaporuka uspikhu partiinoho kerivnytstva. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 63 p.

TERNOPOL PROVINCE - AGRICULTURE

We shall carry out the seven-year plan in four years. G. Shevchuk. Part. zhizn' [illegible] '60.

TERNS see subdivision under Antarctic regions

TERRA COTTAS see subdivision under Glubokaya Pristan' (Dnieper Valley)

TERRACING

Terracing mountain slopes. [illegible] 13 no.2:51 F '60.

TERRORISM - FICTION

A tale about the March Chronicles ("March": a tale by [illegible] Reviewed by [illegible]) [illegible] '59.

TEST PAPERS, CHEMICAL see Indicators and test papers

TESTICLE

Follicular epithelium of testicles and specific features of its function as related to the type of spermatogenesis [illegible] [with summary in English]. N.A. [illegible] Zool. zhur. 38 no.12:1834-1849 D '59.

TESTING LABORATORIES

Role of the laboratories in [illegible] '60.

TESTING LABORATORIES - EQUIPMENT AND SUPPLIES

Brief reports. Zav. lab. 26 no.2:250 '60.

TESTING MACHINES

Calculating the [illegible] of metal [illegible] Zav. lab. [illegible] '59.

Testing machine with a [illegible] Zav. lab. [illegible]

Machine for [illegible] Zav. lab. [illegible]

Use of the [illegible] machine for [illegible] Vest. mash. [illegible] '60.

TESTS, MEDICAL see Medical tests

TETANUS

(see also subdivision under [illegible])

[illegible]

TETANY

[illegible]

TETRACYCLINE

[illegible]

[illegible]

TEXTBOOKS

[illegible]

TEXTILE CHEMISTRY

Fedorova, N.I. [illegible] 55 p.

TEXTILE FABRICS

[illegible]

TEXTILE FABRICS - TESTING

Investigating the [illegible] properties of single [illegible] fabrics. M.M. [illegible] Tekst. prom. [illegible] '59.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Textile fabrics, testing methods] Tkani tekstil'nye; metody ispytanii. [Ed. [illegible]] Moskva, 1959. 105 p.

TEXTILE FACTORIES

[illegible] skylights in [illegible] Prom. stroi. [illegible]

TEXTILE FACTORIES - ELECTRIC EQUIPMENT

[illegible] electrical equipment [illegible] Dvizh. Khim. [illegible]

TEXTILE FACTORIES - FIRES AND FIRE PREVENTION

[illegible]

TEXTILE FIBERS

[illegible]

[illegible]

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Further development of the textile industry. V. Gusev. NTO 2 no.2:22-24 F '60.

TEXTILE MACHINERY

Consultation S. M. Nakhlas Tekst. prom 20 no 1 95 Ja '60.

TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS

Automatic warp regulator for sizing machines. NTO 2 no. 2:48 F '60.

TEXTILE PRINTING

Investigating the properties of thickeners and printing colors; Report No. 2. F. I. Sadov, Hsing Meng Heng. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 6,91-97 '59.

TEXTILE SCHOOLS see subdivision under Moscow

TEXTILE WORKERS see subdivision under Kiev

TEZIAKOV, NIKOLAI IVANOVICH, 1859-1925

Student years of N. I. Teziakov in Kazan. Kh. I. Idel'chik. Kaz. med zhur. 40 no. 6:107-109 N-D '59

THAILAND—FOREIGN ECONOMIC RELATIONS—UNITED STATES

A strange friendship. Nov. vrem. 18 no. 22:22-23 My '60

THALLIUM

Analysis of pure metals; determination of admixtures of lead and zinc in indium and thallium. V A Nazarenko and others Zav. lab 26 no 2:131-135 '60

Interaction in the ternary reciprocal system involving the displacement $Tl_2Cl_2 + Zn \rightleftharpoons ZnCl_2 + 2Tl$. A. P Palkin, I P. Paliura. Zhur. neorg. khim 5 no. 1:160-171 Ja '60.

THALLIUM—ISOTOPES

Calculation of the energy levels of Tl^{206} and Bi^{210} nuclei. L. A. Sliv, IU. I. Kharitonov. Zhur. eksp. i teor. fiz. 37 no. 4:1151-1153 O '59.

THALLIUM-MERCURY ALLOYS

Electrolytic preparation of a thallium amalgam for low-temperature thermometers. E. D. Volova and others. Zhur. prikl. khim. 33 no. 2:349-354 F '60.

THÄLMANN, ERNST, 1886-1944

In the family of Ernst Thaelmann. Evgeniia Satulla. Sov. Ukr. 9 no. 7:132-143 Jl '59.

THAWING

Calculation of diurnal temperature variations and the melting intensity of snow in spring. N. A. Timofeev. Trudy GGO no. 94:104-119 '60.

Comparing the results of temperature field calculations for a thawing ground with observation data. G. A. Martynov. Trudy GGO no. 94:86-89 '60.

New method for approximate calculation and prediction of the melting intensity of snow. N. A. Timofeev. Trudy GGO no. 94:90-103 '60.

HEATER

(see also subdivision under Gorkiy; Great Britain; Italy; Khmel'nitskiy; Kiev; Leningrad; Moscow; Nezhin; Norway; Poland; Rumania, Taganrog; Tartu; Tashkent; Ukraine; Vladivostok; White Russia; Yaroslavl)

rt of the critic ("Images of the times"; articles on literature and the theater by A. Matskin. Reviewed by A. Anastas'ev). Novyi mir 36 no. 3:241-243 Mr '60.

s time goes by. B. Livanov. Teatr. zhizn' no. 24:28-29 D '59.

vdeev, A.D. [The origins of the theater; elements of the theater in primitive societies] Proiskhozhdenie teatra; elementy teatra v pervobytnoobshchinnom stroe. Leningrad, Gos. izd-vo "Iskusstvo," 1959. 264 p.

he most popular play of 1959. A. K. Teatr. zhizn' no. 24:24 D '59.

ews from Chernigov and other cities. Teatr 21 no. 2:158-159,160,166 F '60.

time to act and a time to speak. Teatral'nyi Kritik. Teatr. zhizn' no. 24:26 D '59.

nity ("A work of unity by S. M. Durilin. Reviewed by K. Shevtsova). Sov. Ukr. 9 no. 8:172-173 Ag '59.

HEATER—ANECDOTES, FACETIAE, SATIRE, ETC.

variety of notes. S. Os. Teatr. zhizn' no. 24:27 D '59.

HEATER—BIBLIOGRAPHY see Bibliography—Theater

EATER—CONGRESSES

he All-Russian Theatrical Society is a powerful creative organization. Teatr 21 no. 2:150-155 F '60.

ppeal by the Tenth Delegates' Conference of the All-Russian Theatrical Society to the workers of the Soviet theater. Teatr. zhizn' no. 24:2 D '59.

EATER—PRODUCTION AND DIRECTION

om the editor. Teatr 21 no. 2:34-41 F '60.

st important. M. Tumanishvili. Teatr 21 no. 2:67-71 '60.

An open letter to Nikolai Okhlopkov. Georgii Tovstonogov. Teatr 21 no. 2:42-56 F '60.

What does innovation consist of? V. Galitskii. Teatr 21 no. 2:72-75 F '60.

THEATERS see subdivision under Leningrad; Moscow; Petrozavodsk

THEATERS—SOUND EFFECTS

Sound effects in theatrical performances. K. Kolesnikov. Sots. kul't. 13 no. 1:26-27 Ja '60.

THEFT see Larceny

THEODOLITES—TESTING

Examining a test specimen of the TA-2 theodolite. D. D. Kolkov. Geod. i kart. no. 12:30-36 D '59.

THEOLOGICAL SEMINARIES

(see also subdivision under Moscow)

Regulations for admittance to theological schools in the 1960-1961 academic year. Zhur. Mosk. Patr. no. 4:39-41 Ap '60.

THEOLOGY—CONTROVERSIAL LITERATURE

Some tendencies in contemporary Jewish-Christian theology I A Kryvelev Vop ist rel. i ateiz. no. 7 5-52 '59

THERAPEUTICS see subdivision under Murmansk Province; White Russia

THERAPEUTICS—CONGRESSES

Vsesoiuznyi s"ezd terapevtov, 14th, Moscow, 1956. [Proceedings of the 14th All-Union Congress of Therapeutists in Moscow, 1956] Trudy. Pod obshchei red. E. M. Tareeva. Moskva, Gos. izd-vo med. lit-ry, 1958. 735 p.
(DNLM)

THERAPEUTICS, PHYSIOLOGICAL

Conference on problems of regional pathology, epidemiology and resort therapy in Chita. V. A. Kozlov. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1:92-93 '60.

Problems in resort and physical therapy in the Large Medical Encyclopedia. I. P. Mugdusiev. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1:76-80 '60.

THERAPEUTICS, PHYSIOLOGICAL—CONGRESSES

Conference on research and practice of the Novosibirsk Territorial Health Resort Administration. A. P. Speranskii, A. S. Shmitkova. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1:89-92 '60.

THERMAL ANALYSIS

Accelerated method of thermal analysis [with summary in English]. S. P. Kozhevnikov. Vest. LGU 15 no. 10:144-151 '60.

THERMAL STRESSES

Determining thermal stresses in a conical shell. V. A. Sibiriakov. Izv. vys. ucheb. zav., av. tekh. 3 no. 1:72-82 '60.

Errors in the technological process caused by thermal deformations of the system machine tool-attachment-cutting tool-workpiece and of the workpieces O M. Kolesov. Vest. mash. 40 no 2:53-56 F '60

THERMOCOUPLES

Methods of testing thermoelectrodes and thermocouples. A. M. Sirota and others. Zav. lab. 26 no. 1:120-122 '60.

Results of measuring temperatures in the hearth near the cinder notch [with summary in English]. V. K. Kropotov Stal' 20 no. 2:107-110 F '60.

Thermocouples made of precious metals for high temperature measurement. A. A. Rudnitskii. Issl. po zharopr. splav. 4:360-384 '59.

THERMODYNAMICS

Arnol'd, L. V., and others. [Collection of problems on technical thermodynamics and heat transfer] Sbornik zadach po tekhnicheskoi termodinamike i teploperedache. Pod obshchei red. L. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 292 p.

Certain thermodynamic dependencies of processes in steam turbine installations. A. I. Andriushchenko. Trudy Inst. tepl. AN URSR no. 10 65-72 '53.

Effect of temperatures and pressure changes on the composition of ternary heteroazeotropes [with summary in English]. N. A. Smirnova, A. G. Morochevskii, A. V. Storonkin. Vest. LGU 15 no. 10:72-79 '60.

Energy of transition of different forms of calcium sulfate. D. I. Kompanskii Trudy NPI 47:31-61 '58.

Heat emission in connection with the boiling of water in a vertical tube at low heat loads. V. I. Tolubinskii. Trudy Inst. tepl. AN URSR no. 10:12-14 '53.

Heat emission in the condensation of steam (pure and with the admixture of air) on the surface of a vertical pipe. V. I. Tolubinskii, N. G. IAmpol'skii. Trudy Inst. tepl. AN URSR no. 10:24-31 '53.

Heat transfer in connection with the boiling of sugar solutions. V. I. Tolubinskii. Trudy Inst. tepl. AN URSR no. 10:3-11 '53.

History of Gibbs' thermodynamic theories. A. IA. Kipnis. Vop. ist. est. i tekh. no. 8:127-132 '59.

Methods for determining indicators of the thermodynamic effectiveness of processes in steam-power installations A I. Andriushchenko. Trudy Inst. tepl AN URSR no 7:84-103 '52.

Nonstationary fields of the potentials of heat and moisture transfer in the case of evaporation and boundary conditions of the second order M S. Smirnov Trudy NIKFI no 2 128-138 '58

Popov relationship between the symmetry of kinetic coefficients and thermodynamics. R. Davis, F. Goodman. Zhur. eksp. i teor. fiz. 37 no. 4:1163-1164 O '59.

Thermodynamics of disperse systems. O. M. Poltorak. Zhur. fiz. khim. 34 no 1 3-22 Ja '60.

THERMOMETERS

Distillation of alcohol in a minimum thermometer. IU. A. Glagolev Trudy NIIGMP no. 7 105-109 '59.

THERMOMETRY

Measuring temperature in rotating equipment. I. I. D'iakonov. Izm. tekh. no. 1 36-40 Ja '60.

Measuring varying temperature in pulsating gas flows L. IA. Volchok Sbor. nauch. trud Bel politekh. inst no 64 141-175 '59.

Plotting a practical temperature scale for the range of 10-20° K. A. S. Borovik-Romanov, M. P. Orlova, P. G. Strelkov. Izm. tekh. no. 1:34-35 Ja '60.

THERMOSTAT—TESTING

Device for checking the operation and adjustment of electrothermal transmitters. A. P. Popov. Izv. vys. ucheb. zav.; mashinostr. no. 6 185-190 '59.

THIADIAZOLE

Investigation of the possibility of eliminating the negative influence of iron compounds in the preparation of 2-amino-5-mercapto-1,3,4-thiodiazole. IU. M. Rozanova, IU. P. Aronson Zhur. prikl. khim. 33 no. 1 233-237 Ja '60.

THIADIAZOLE SULFONAMIDE

Diuretic action of diacarb. P. I. Mishchenko, O. P. Ruchkina. Sov. med. 24 no. 1:123-126 Ja '60.

THIAMINE

Baker's yeast as a supplementary source of thiamine in bread. V. G. Parteshko. Gig. i san. 25 no. 1:99-100 Ja '60.

Changes in alimentary excitability in experimental vitamin B_1 deficiency and subsequent vitamin therapy in dogs [with summary in English]. L. A. Shokun. Vop. pit. 19 no. 1:56-61 Ja-F '60.

Colorimetric determination of thiamine by means of a reaction with ninhydrin IU. M. Ostrovskii, M A Gvozdeva Biul eksp. biol i med 48 no. 11 120-121 N '59

Detection of thiamine in the urine following administration. IU. M Ostrovskii. Pediatriia 37 no. 12:51 D '59.

Vitamin B_1 in eczema and neurodermatitis in children [with summary in English]. F. A. Zver'kova. Pediatriia 37 no. 12:11-15 D '59.

THIANAPHTHENONE

Some derivatives of 3(2H)-thianaphthenone-1,1-dioxide. M. A. Matskanova, G. J. Vanags. Dokl. AN SSSR 132 no. 3:615-618 My '60.

THIANAPHTHENONE—SPECTRA

Absorption spectra of 3-keto-2,3-dihydrothionaphthene and its derivatives. Part 1. G. M Oksengendler, M. A. Mostoslavskii Ukr khim. zhur. 26 no 1:69-72 '60.

THIAZOLE

Polarographic properties of nitroderivatives of 2-aminothiazole. Part 1: Polarographic method for a quantitative determination of 2-amino-5-nitrothiazole and its formyl- and acetyl derivatives (from "Acta. Polon. Pharm.," 1959, v. 16, no. 1, pp. 13-20). Med. prom. 14 no. 2:60 F '60.

THIAZOLECARBOXYLIC ACID

Imidazole series. Part 8: Synthesis of some derivatives of imidazole- and imidazo (2,1-b) thiazolecarboxylic acids. P. M. Kochergin. Zhur. ob. khim. 30 no. 5:1529-1536 My '60

THIAZOLOCARBOCYANINES

Thiazolocarbocyanines having aryl radicals in the thiazole nuclei. Part 7 Influence of the polar groups in thiazolocarbocyanines on their color. E. D. Sych. Ukr. khim. zhur 25 no. 6:767-773 '59.

THICKNESS MEASUREMENT

Device for determining the thickness of bushes. L. M. Itsikson, G. L. Reizina. Mashinostroitel' no. 2:27 F '60.

Measurement of the thickness of coatings by means of the X-ray photoeffect. O. B. Orzhevskii. Zav. lab. 26 no. 1:73-76 '60.

The TPO-1 instrument for checking the thickness of nonmagnetic coatings and the investigation of the performance of some elements of this device G. I. Shilov. Izv. vys. ucheb. zav., prib. no. 4:46-56 '59.

THIGH—INNERVATION

Morphological changes in the nerves of the thigh in rabbits during the development of collateral circulation; experimental morphological studies [with summary in English]. D.Z.Gudz'. Arkh.anat.gist.i embr. 37 no.10:80-88 O '59.

THIOCYANATES

History of the discovery of the analytic reactions of the thiocyanate with salts of bivalent cobalt and trivalent iron. [illegible]. Vop.ist.est.i tekh. no.7:136-140 '59.

THIOPENTAL

Effect of thiopental and veronal on the adrenalin and noradrenalin level in the brain of rats [with summary in English]. [illegible] 23 no.6: [illegible]

THIOSPIRILLUM

Studies on autotrophic properties of Spirillum developing in the form of a bacterial layer on Van Niel's medium [with summary in English]. M.G.Vladimirova. Mikrobiologiia 29 no.1:20-24 Ja-F '60.

THIURAM DISULFIDE

On the article by B.A.Dogadkin and V.A.Shershnev "The reaction of tetramethylthiuram disulfide with rubber and with compounds possessing a labile hydrogen atom" [with summary in English]. S.P.[illegible] and others. Vysokom.soed. 2 no.1:174 Ja '60.

THORIUM

Thorium content of underground waters. N.G.[illegible], I.A.[illegible]. Vest.AN Kazakh.SSR 16 no.1:87-91 Ja '60.

THORIUM—DECAY

Alpha-decay of Th^{229}. Interaction of nucleus levels. L.L.Gol'din and others. Zhur.eksp.i teor.fiz. 37 no.4:[illegible] O '59.

THORIUM—ISOTOPES

Cross sections of the formation of Cm^{240} by the radiation of Th^{232} with C^{12} and C^{13} ions [with summary in English]. L.I.Guseva and others. Zhur.eksp.i teor.fiz. 37 no.4:1127 O '59.

Radioactive decay of Ac^{227} and excited levels of Fr^{223} and Th^{227} [with summary in English]. G.I.Novikova and others. Zhur.eksp.i teor.fiz. 37 no.4(10):[illegible] O '59.

Spectrum of internal conversion electrons accompanying α-decay of U^{233} and the energy level diagram of Th^{229} [with summary in English]. [illegible] and others. Zhur.eksp.i teor.fiz. 37 no.4:[illegible] O '59.

THORIUM MAGNESIUM MANGANESE ALLOYS see Magnesium thorium manganese alloys

THOUGHT AND THINKING

On the [illegible]. [illegible]. Dokl.AN SSSR [illegible]

THROAT—DISEASES

Angina in children and its prevention. [illegible]. Med.sestra 19 no.[illegible]:[illegible] '60.

THROMBOSIS

Diagnosis of thrombosis of the branches of the portal vein using a splenoportographic method. V.P.Shishkin, I.M.Pyl'tsov. Vest.rent.i rad. 34 no.6:[illegible] N-D '59.

Intravital diagnosis of intracardiac thrombi. IA.G.Motrenko. Vrach.delo no.12:1321 D '59.

THRUSHES

Some information on the biology of [illegible] and development of the [illegible]. [illegible]. Biul.Mosk.ob.isp.prir.Otd.biol. 64 [illegible] '59.

THUJA see subdivision under Odessa region

THUNDERSTORMS see subdivision under Arctic regions, Novosibirskiye Islands

THYMUS GLAND—DISEASES

Diagnosis of a thymolymphatic condition. V.G.Magomedova. Pediatriia 37 no.[illegible]:56-[illegible]

THYMUS GLAND—TUMORS

Unusual case of thymoma. L.N.Krymskii, P.P.Firsova. Probl.endok.i gorm. 5 no.5:111-114 S-O '59.

THYRATRONS

Low-power thyratrons. I.Breido. Radio no.1:9-11 Ja '60.

Simple device for thyratron control. I.I.[illegible]. Priborostroenie no.2:23-24 F '60.

THYROID GLAND

Biological role of uranium in the animal organism [with summary in English]. D.P.[illegible]. Biul.eksp.biol.i med. 48 no.11:73-78 N '59.

Effect of the prolonged action of an iodide on the thyroid gland [with summary in English]. A.S.Breslavskii. Pat.fiziol.i eksp.terap. 4 no.1:44-48 Ja-F '60.

Excess of manganese in food and the function of the thyroid gland in iodine insufficiency. N.V.[illegible], I.I.Shvaiko. Probl.endok.i gorm. 5 no.5:90-92 S-O '59.

Functional changes of the thyroid gland during the development of experimental hypercholesterolemia in rabbits [with summary in English]. N.S.[illegible]. Probl.endok.i gorm. 5 no.5:56-60 S-O '59.

Influence of qualitatively differing nutrition on the thyroid gland under conditions of an excessive iodine supply in the body [with summary in English]. A.I.[illegible], [illegible] Plotnikova. Vop.pit. 19 no.1:20-[illegible] Ja-F '60.

Reaction of the thyroid gland to [illegible] following cutting off the adrenocorticotropic function of the hypophysis [with summary in English]. [illegible]. Probl.endok.i gorm. 5 no.[illegible] S-O '59.

Role of colloid in the hormone synthesizing function of the thyroid gland [with summary in English]. M.E.[illegible]. Biul.eksp.biol.i med. 48 no.11:[illegible] N '59.

Thyroid gland function in stenocardia and myocardial infarct. T.A.[illegible]. Kaz.med.zhur. 40 no.6:24-30 N-D '59.

What should be considered a physiologically normal thyroid gland? Thoughts of a physiologist. I.M.[illegible]. Probl.endok.i gorm. 5 no.5:112-114 S-O '59.

THYROID GLAND—DISEASES

(See also subdivision under Sverdlovsk Province)

Blood transfusion in thyrotoxicosis. B.D.[illegible], G.M.[illegible]. Zdrav.Belor. 6 no.1:51-54 Ja '60.

Epidemic and endemic correlations [illegible] conditions, [illegible] thyrotoxicosis [with summary in English]. [illegible]. Probl.endok.i gorm. [illegible]

Thyrotoxicosis [illegible]. V.V.[illegible]. Med.[illegible]

Unusual forms of aberrant [illegible] of the thyroid gland [with summary in English]. [illegible]. Probl.endok.i gorm. 5 no.[illegible] '59.

Use of nicotinic acid in the treatment of [illegible] and the condition of [illegible]. M.A.[illegible]

THYROID GLAND—SURGERY

[illegible] treatment of [illegible] goiter [with summary in English]. [illegible] 24 [illegible]

TIBET

What I saw in Tibet [illegible]. A.[illegible]

TIBIA—[illegible]

Treatment of trophic ulcers with [illegible]. M.A.[illegible]. Zdrav.Belor. 6 no.1:[illegible] Ja '60.

TICKS

(See also subdivision under [illegible] Valley; [illegible] Valley)

Course of summer mortality in the mature [illegible] [with summary in English]. V.E.[illegible]. Zool.zhur. 38 no.[illegible] Ja '60.

A dead fall mouse trap with a device for [illegible] [with summary in English]. I.[illegible], I.P.[illegible]. Zool.zhur. [illegible]

Formation of the adult [illegible] [with summary in English]. P.A.[illegible]. Zool.zhur. [illegible] 143-151 Ja '60.

Study of immature stages in ticks of the family [illegible]. Report No.4: Morphology of [illegible] [with summary in English]. P.A.[illegible]. Zool.zhur. 38 no.12:[illegible] D '59.

TIDAL WAVES [illegible] see subdivision under [illegible]

TIDE GAUGES—[illegible]

Some results of sea tests of [illegible] in the open sea (MGM). I.M.[illegible]. Trudy NIIGMP no.2:147-154 '59.

TIDES

(See also subdivision under Antarctica, [illegible]; Mirnyy region)

Accuracy of calculating tidal currents [illegible]. II.D.Mikhailov. Trudy GOIN no.46:41-49 '59.

The simplest method of calculating the minimum and maximum theoretical [illegible] levels by the harmonic constants using the method of least squares. D.A.[illegible]. Trudy GOIN no.46:[illegible] '59.

The theory of tidal rarefaction, compression, and [illegible] of ice in the open sea. A.P.[illegible]. Probl.Arkt. no.5:5-17 '58.

TIDES—TABLES

Accuracy of permanent tide tables. N.I.[illegible]. Trudy GOIN no.46:50-64 '59.

Simplified procedure of computing [illegible] and diurnal components of tidal [illegible]. V.[illegible]. Meteor.i gidrol. no.7:42-[illegible] '60.

TIEN SHAN—BOTANY

Herbarium of Mikhail Vasil'evich Pevtsov. [illegible]. Bot.zhur. [illegible]

TIEN SHAN—[illegible]

[illegible]

TIEN SHAN—[illegible]

[illegible]

TIEN SHAN—PHYSICAL GEOGRAPHY

[illegible] for the physico-geographical [illegible] of Tien Shan. V.M.Chup[illegible] [illegible] '59.

[illegible]

TIEN SHAN—[illegible]

[illegible]

TIEN SHAN—[illegible]

[illegible]

TIEN SHAN—[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

TILLAGE—BIBLIOGRAPHY see Bibliography—Tillage

TIMAN RIDGE—GAS, NATURAL—GEOLOGY

[illegible] gas bearing [illegible] [with summary in English]. V.A.[illegible] '59.

TIMAN RIDGE—PETROLEUM GEOLOGY

[illegible] oil- and gas bearing [illegible] [with summary in English]. V.A.[illegible] '59.

TIMBER LINE see subdivision under [illegible] Mountains

TIME MEASUREMENTS

[illegible]

TIME MEASUREMENTS—[illegible]

[illegible] V.[illegible] Ja '60.

TIME SIGNALS

On a method for calculating reduced moments of rhythmic time signals O K Ukhova Izv GAO 20 no 1 101-129 '55

TIME STUDY

Documentation for time study observations and labor productivity. N. Kalita. Mias. ind. SSSR 31 no. 1:44-47 '60.

Experimental autorecording of a working day Tekst. prom. 20 no 1 96-97 Ja '60

Kazartsev, M I [Value of time] TSena vremeni. Moskva, Izd-vo "Sovetskaia Rossiia," 1960 141 p.

On the analysis of the utilization of working time. R Burrazian Bukhg uchet 16 no. 12 25-28 D '59

TIMOTHY GRASS—FERTILIZERS AND MANURES

How various methods of applying microelements affect the yield and chemical composition of common timothy. N. I. Mel'nikova. Vest. sel'khoz. nauki 5 no 1 140-141 '60.

TIN

Behavior of tin and indium in colloform aggregates of cassiterite from the Dzhalinda deposit in the Lesser Khingan Mountains [with summary in English]. G. N. Komarova, L. E. Novorossova. Geokhimiia no. 8 716-720 '59.

Method of incineration in the determination of tin in food products [with summary in English]. I. V. Medvedeva. Vop pit. 19 no. 1 76-80 Ja-F '60.

TIN—METALLURGY

Belaer, D. V. [Metallurgy of tin, manual for the training of qualified workers in industry] Metallurgiia olova, uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 94 p.

TIN CANS see subdivision under Chernigov; Khabarovsk; Vinnitsa

TIN COMPOUNDS

Complex compounds formed between tin and titanium halides, and organic compounds containing C=O and -COC groups. T. Sumarokova, IU. Nevskaia, E. IArmukhamedova. Zhur. ob. khim. 30 no. 5:1705-1714 My '60

Complex compounds of tin. Part 5: T. N. Sumarokova, T. V. Medvedeva, I. G. Litviak. Zhur. ob. khim. 30 no. 5:1698-1705 My '60.

TIN PLATING

Periodic phenomena accompanying the electrodeposition of metals. Part 6: Periodic phenomena at the cathode during the electrodeposition of tin in the presence of surface active agents D. N. Gritsan, D S. Shun, O. N. Voronkova. Ukr. khim zhur. 25 no 6 722-726 '59.

TIRE FABRICS

Determining the nature of the deterioration of rubber-cord systems. D. B Boguslavskii, B P. Tikhomirov, V. G Epshtein Kauch i rez 19 no 1 51-53 Ja '60

TIRES, RUBBER

Hydraulic tire puller. N. Malov. Grazhd. av. 17 no. 1: 28-29 Ja '60.

TIRES, RUBBER — TESTING

Evaluation of the wear resistance of thread rubbers through the testing of tires in actual service N L. Sakhnovskii and others. Kauch i rez. 19 no. 1 10-15 Ja '60

SSUE CULTURE

erexinase activity in cells of tissue cultures [with summary in English]. R. N. Etingof, N. D. Gabrielian. Biokhimiia 24 no. 6 1104-1108 N-D '59.

ew apparatus for the production single layer tissue cultures from trypsin-treated human amniotic membranes and other tissues. A A. Selivanov Vop. virus. 2 no. 6: 372-373 N-D '57.

SSUE EXTRACTS

ethod for extractions from thin unfixed sections in studying the histochemistry of cellular structures. I. B. Zbarskii, G. P. Georgiev. TSitologiia 2 no. 1: 95-98 Ja-F '60.

mulating the regeneration of extremities in tailless amphibians by tissue extracts. V. P. Kudokotsev. Dokl. AN SSSR 132 no. 3:715-718 My '60.

udying certain aspects of protein metabolism during iodine intoxication and tissue therapy [with summary in English] I. V. Savyts'kyi, E. M. Vasiutyns'ka Fiziol zhur [Ukr.] 6 no 1:101-107 J-F '60.

SUES

termination and plasticity of tissues under normal, experimental, and pathological conditions. E. Sh. Gerlovin. Arkh. anat. gist. i embr. 37 no. 12:104-116 '59.

SUES—TRANSPLANTATION

munobiological, biological and cytological properties of malignant tumors in heterotransplantation and explantation. M. S. Lomakin. Arkh. pat. 21 no. 7:65-72 '59.

TITANATES

Thermal stability of hexachlorotitanates of univalent metals I S. Morozov, D IA Toptygin. Zhur neorg. khim 5 no 1:88-90 Ja '60.

TITANATES—ELECTRIC PROPERTIES

Effect of irradiation with slow neutrons on the dielectric properties of polycrystalline titanates L K Vodop'ianov, G I Skanavi Izv. AN SSSR. Ser fiz 24 no 2: 253-256 F '60

TITANIUM

Cathodic process involved in the electrodeposition of titanium from aqueous solutions. N. T. Kudriavtsev, R. G. Golovchanskaia, N. K. Baraboshkina Dokl. AN SSSR 132 no. 3:636-638 My '60.

Designs of titanium-magnesium shops. M. P. Nadgornyi, O. K. Kuznetsova. Prom. stroi. 38 no. 2:13-18 '60.

Eremenko, V. N. [Titanium and its alloys] Titan i ego splavy. Izd. 2., ispr. i dop. Kiev, Izd-vo Akad. nauk USSR, 1960. 499 p.

TITANIUM—ANALYSIS

Condition accompanying the precipitation of titanium in the presence of trilon B. V. P Kopylova, T N. Nazarchuk Ukr khim zhur 26 no 1:110-112 '60

Determination of titanium, tantalum, and niobium in carbide mixtures V G. Shcherbakov, Z K Stegendo. Zav lab 26 no. 2:139-142 '60

TITANIUM—METALLOGRAPHY

Recrystallization of commercial titanium. A. P. Smiriagin, O. S. Kvurt, I. P. Arkhipov. Issl. splav. tsvet. met. no. 2:92-95 '60.

Weld zone in the electric arc welding of titanium alloys. S. M. Gurevich, V. F Grabin. Avtom. svar. 13 no. 2: 51-61 F '60.

TITANIUM—SPECTRA

Determining the relative "gf" numbers for Titanium I and Titanium II L. A Mitrofanova. Izv GAO 19 no. 6 107-111 '55

Spectral determination of admixtures of titanium and tantalum in niobium pentoxide and admixtures of titanium and niobium in tantalum pentoxide. N. I. Tarasevich, G. V. Kozyreva. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3:185-188 '59.

TITANIUM—WELDING

Reagent for pickling weld joints in titanium and its alloys. V. A. Sidliarenko. Avtom. svar 13 no. 2 88-89 F '60.

TITANIUM ALLOYS—WELDING

Weld zone in the electric arc welding of titanium alloys. S. M. Gurevich, V. F. Grabin. Avtom. svar. 13 no. 2. 51-61 F '60.

TITANIUM-COBALT ALLOYS

Studying the conditions of electrodeposition of a titanium cobalt alloy, with the use of the radioisotope cobalt-60 S M. Kochergin, G R Pobedimskii Zhur. prikl khim. 33 no. 1:238-240 Ja '60.

TITANIUM COMPOUNDS

Complex compounds formed between tin and titanium halides, and organic compounds containing C=O and -COC groups. T. Sumarokova, IU. Nevskaia, E. IArmukhamedova. Zhur. ob. khim. 30 no. 5:1705-1714 My '60.

Polytitanomethylsiloxanes and polytitanoethylsiloxanes [with summary in English]. K. A Andrianov, E Z. Asnovich. Vysokom. soed. 2 no. 1:136-140 Ja '60.

TITANIUM-NIOBIUM ORES

Testing a continuous method for the sulfuric acid decomposition of titanium-niobium concentrates. IA. G. Goroshchenko and others. Izv. Kar. i Kol'. fil. AN SSSR no. 4:135-141 '59.

TITLES OF HONOR AND NOBILITY see subdivision under Bulgaria

TITRATION

Automatic device for rate-measuring potentiometric and coulometric titration. V. M. Babenyshev, V. I. Khvolnitskii. Zav. lab. 26 no. 1:113-114 '60.

TLI—BRONZE AGE

Late Bronze Age burial mound in the Tli village. B. V. Tekhov. Sov. arkheol. 4 no. 1:163-178 '60.

TOBACCO—COSTS see subdivision under Alma-Ata Province

TOBACCO—FERTILIZERS AND MANURES

Effect of bacterial fertilizer on the growth of tobacco [in Kazakh with summary in Russian] Zh. Kalekenov. Vest. AN Kazakh SSR 16 no. 1:76-82 Ja '60.

TOBACCO BREEDING

Role of grafting in increasing the crossability of Nicotiana species. M. F. Ternovskii, A. I. Terent'eva. Dokl. AN SSSR 132 no. 4:932-935 Je '60.

TOBACCO CURING

Drawing an isotherm of tobacco sorption and deriving its equation. V. F. Trubnikov. Izv. vys. ucheb. zav., pishch. tekh. no. 6:112-115 '59.

TOBACCO WORKERS—DISEASES AND HYGIENE

Occurrence of hypertension among tobacco factory workers and the influence of nicotine on arterial pressure under experimental conditions K K. Maslova. Gig bol. no 5 206-216 '58

TOBOL VALLEY—TICKS

Materials on ixodid ticks of the West Siberian forest steppe [with summary in English] L A. Gibet, L. P. Nikiforov Zool. zhur 38 no 12:1806-1812 D '59.

TOCOPHEROL

Effect of production processes on the tocopherol content of vegetable oils N. I. Kozin, M. S. Kustornykh. Izv. vys ucheb. zav., pishch. tekh no. 6:66-74 '59.

Influence of vitamin E on the development of alimentary hypercholesterinemia and atherosclerosis [with summary in English] L. S Tarasova, G. V Troitskii Vop med khim. 6 no. 1:62-72 Ja-F '60

Use of vitamin E for desensitization in the pathology of pregnancy connected with Rh incompatibility of the fetal and maternal blood [in Azerbaijani with Russian summary]. F. M. Alizade, G. A. Guseinov, G. S. Aleskerov. Azerb. med. zhur. no. 2:28-32 F '60.

TOLERANCE (ENGINEERING)

Calculation of welding deformations in stating tolerances for hull building. S. A. Kuz'minov. Trudy NTO sud. prom. 8 no 3:40-53 '59

Determining the outline of sections to finished dimensions with their subsequent placing on slip ways without adjustment M. K Glozman Trudy NTO sud prom. 8 no 3:75-81 '59

Problem of tolerances in ship hull building and principal trends toward its solution M V. Orlov. Trudy NTO sud. prom. 8 no 3:5-13 '59.

Technological process of building ship hull structures in tolerance limits. N. N Popsuev Trudy NTO sud. prom. 8 no. 3:83-80 '59

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

"Aleksei Tolstoi, master of the historical novel" by A. V Alpatov Reviewed by A Sokol'skaia Zvezda no. 11 217-218 N '59.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

A biography of Tolstoi ("Tolstoi" [in French] by Daniel Gilles. Reviewed by T. Motyleva). Vop. lit. no. 2: 228-230 F '60.

Centenary of the Yasnaya Polyana school. A. Sakhaltuev. Vop. lit. no. 2:251-252 F '60.

Chekhov and Lev Tolstoi. V. Lakshin. Novyi mir 36 no. 1:223-245 Ja '60.

A monumental edition. L. Opul'skaia. Vop. lit. no. 2. 93-115 F '60.

World significance of Lev Tolstoi. M. Belov. Vop. lit. no. 2:240-251 F '60.

Zhdanov, V. A. [History of the creation of L. N. Tolstoi's novel "Resurrection"; materials and observations] Tvorcheskaia istoriia romana L. N. Tolstogo "Voskresenie"; materialy i nabliudeniia. Moskva, Sovetskii pisatel', 1960. 448 p.
(CU)

TOLUENE

Boron fluoride as a catalyst in organic chemistry. Part 14: Alkylation of toluene and ethylbenzene by pseudobutylene. S. V. Zavgorodnii, T. G Fedoseeva, A. IA. Shumakher. Trudy VGU 57:107-110 '59.

Determination of xylene in the presence of benzene and toluene in air. E. Sh. Gronsberg Zav. lab. 26 no 2: 150-153 '60.

TOLUENESULFONIC ACID

Reactions of triphenylstibine with sodium salts of N-chloroamides of benzene- and toluenesulfonic acids L. P. Petrenko. Trudy VGU 57:145-147 '59.

TOM' VALLEY—COAL—TESTING

Spontaneous ignition of Tom'-Usa deposit coal in the Kuznetsk Basin. N. V. Marevich. Trudy Inst. gor. dela Sib otd AN SSSR no. 2 141-166 '59

TOMATO JUICE

Preparation of tomato juice without sterilization. A. A. Bychkov, A S Shmukler Kons i ov prom 15 no. 2: 6-7 F '60.

TOMATO JUICE—STORAGE

Changes in the quality of tomato juice in long-term storage. A. T Markh, E. G Krotov Kons. i ov prom. 15 no 2 9-11 F '60.

TOMATO PRODUCTS

Method of cooking tomato pulp eliminating its sticking to the heated surface A. A. Usherenko, E M. Shukhgalter. Kons i ov prom. 15 no. 2:12-13 F '60.

TOMATOES

(see also subdivision under Rostov-on-Don; Vinnitsa Economic region)

Changes in the nucleic acid and vitamin C content of grafted Solanaceae and their seed generations during ontogenesis [with summary in English]. V. A. Zakharchishina. Fiziol. rast. 7 no. 1:67-72 '60.

TOMATOES (Continued)

Determining the water requirements of tomatoes on the basis of suction pressure and the concentration of cell sap in the leaves V. F. Belik Fiziol rast 7 no 1: 95-91 '60.

Effect of irrigation and cultivation methods on the quality of tomatoes D R. Vitanov Visnyk sil' hosp nauky 3 no 2 82-83 F '60

Effect of trace elements in increasing the vitamin C activity of tomatoes [with summary in English] IU. G Novoderzhkina Fiziol, rast 7 no 1 121-133 '60

New method of preparing tomato seeds for planting A IA Kal'tia Kolh Ukr 7 no 2 32 F '60

Relation between normal and tumorous growth in Lycopersicum esculentum [with summary in English] N. A. Terekhova Zhur, ob. biol 21 no 1,54-58 Ja-F '60.

TOMATOES—PRESERVATION

Automatic temperature regulation during the packaging of tomato products for preservation P P Timokhovich Kons, i ov prom 15 no 1 16-18 Ja '60.

TOMATOES—SPECTRA

Changes in the spectral brilliance of etiolated hybrid tomatoes during greening with varying periods of illumination. A D. Semenenko. Trudy Sekt. astrobot. AN Kazakh SSR 7:193-199 '59.

Spectrophotometric studies of etiolated hybrid tomatoes during greening in ontogenesis. A. D. Semenenko. Trudy Sekt. astrobot. AN Kazakh SSR 7·178-192 '59.

TOMSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Let's teach educate, and help our propagandists I Shvets Part zhizn' no 10 47-52 My '60

TOMSK PROVINCE—AGRICULTURAL LABORERS—DISEASES AND HYGIENE

Study of the incidence of disease among machinery operators of machine-tractor stations in Tomsk Province. M. A. Bychkova. Zdrav Ros. Feder. 4 no 2,19-23 F '60

TONGUE

Tongue affected by taeniasis [in Azerbaijani with Russian summary]. IU. A. Aleskerov. Azerb. med. zhur. no. 2: 66-68 F '60.

TONGUE—DISEASES

Lingual goiter. I. L Rotkov. Kaz. med. zhur. 40 no. 6: 95-96 N-D '59

TONOMETERS

Pulse tonometer S. A. Tamazian Voen -med. zhur no 2 87-88 F '60

TONSILS—DISEASES

Multiple calculi of the palatal tonsils. A, G Amirov. Azerb. med. zhur. no. 2:62-63 F '60.

TONSILS—SURGERY

Postoperative period in tonsillectomy in rheumatic fever patients [with summary in English] S. A. IArlykov. Sov. med 24 no. 1 53-56 Ja '60.

TOOL STEEL

Carbides in tool steels (from foreign journals) Metalloved i term obr met no 2:62-64 F '60

Improving the desulfuration process in smelting high carbon tool steel. V. G. Kravtsov, B. A. Rogulev. Metallurg 5 no. 2 17-18 F '60.

TOOL STEEL—METALLOGRAPHY

Changes in the fine crystal structure of residual austenite during the tempering of rapid steel P M. IUshkevich Metalloved i term obr met no 2·14-20 F '60.

TOOLROOM PRACTICE

Dubinin, A. D. [Bench work techniques] Priemy slesarnykh rabot. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 318 p.

TOOLS

Manufacture of tools by the weld seam method using I-2 electrodes. T. A. Sitnikova, G. S. Keilin, V. L. Lozovskii. Med. prom. 14 no. 2:31-33 F '60.

TOPOLOGY

A problem in finding an extremal locally convex topological space. D. A. Raikov. Uch. zap. MGPI 138:107-113 '58.

TORNADOES

Tornado. G. Mikhailova. IUn. nat. no. 3:12 Mr '60.

TORQUE—MEASUREMENT

Measuring torques of driving shafts. N. IA. Bilichenko, E. Kh. Zavgorodnii, E. M. Vysochin. Izm. tekh. no. 1 23-24 Ja '60.

TORRICELLI, EVANGELISTA, 1608-1647

Galileo and Torricelli, masters of precision optics. Vasco Ronchi. Trudy Inst. ist. est. i tekh. 28 276-301 '59.

The 350th anniversary of the birth of Evangelista Torricelli. A. A. Uranosov. Vop. ist. est. i tekh. no. 8·182-183 '59.

TORSION

General solution for a problem on the torsion of an oblique-angled parallelepiped. A. I. Meshkov. Vest. Mosk. un. Ser. mat., mekh, astron., fiz., khim. 14 no. 3:43-46 '59.

Plastic torsion of anisotropic rods. V. O. Geogdzhaev. Trudy MFTI no 3:171-179 '59.

Use of the calculus of variations in solving problems of elastic and plastic torsion of rods. A. M. Gorlov Trudy MIIT no. 122 407-418 '59.

TOSHINSKII, IL'IA IZPAL'EVICH, 1899-

I. I. Toshinskii, on his sixtieth birthday. M. P. Nikulina, M. A. Rubinchik. Vest. khir. 83 no 12 129-130 D '59.

TOSNO DISTRICT—AGRICULTURE

Rural personnel should learn from the practice of the best workers. M. Vas'kovskii. Sov. deput. trud. no. 3'16-20 Mr '60.

TOSNO DISTRICT—STATE FARMS

Over-all mechanization of a state farm. P. Fedorov. Blok. agit. [Len.] no. 5:25-33 F '60.

TOUCH

Touch. P. G. Sniakin, L. M. Kurilova. Zdorov'e 6 no. 2· 9-10 F '60.

TOURDARSON, TOURBERGUR

Tourbergur Tourdarson. M. Steblin-Kamenskii. Zvezda no. 12 203-204 D '59.

TOURISM

(see also subdivision under Antarctic regions)

Development of tourist contacts between the U. S. S. R. and the United States. V. Babkin. Vnesh. torg. 30 no. 5 38 '60.

TOURISTS, FOREIGN

Inturist. [General prospectus of the Inturist Service] General'nyi prospekt Inturista. [n. p., n. d.] 1 v. (unpaged), illus.

TOXINS AND ANTITOXINS

Effect of diphtheria toxin on local inflammatory reaction. Report No. 2 on the mechanism of local action of diphtheria toxins. L. A. Levina. Zhur. mikrobiol., epid. i immun. 31 no 1:131-136 Ja '60.

Mechanism of immunity to the tetanus toxin early after active immunization [with summary in English] L A Pevnitskii Biul eksp. biol i med 48 no 12:89-92 D '59

TOXOPLASMOSIS

Significance of toxoplasmosis in the pathology of the fetus. N. F. Lizikov, M. G. Zholnerovskii. Zdrav. Belor. 5 no. 1 26-29 Ja '60.

Toxoplasmosis as a cause of embryopathy [with summary in English]. G. A. Orlov, G. I. Goloviaskaia Sov. med. 24 no. 1 114-120 Ja '60.

TOY INDUSTRY

(see also subdivision under Zagorsk)

Kindergartens must get these toys. L. Gavrilova. Doshk. vosp. 33 no. 3·90-91 Mr '60.

TOY THEATERS

Toy theater in kindergarten. T. N. Karamanenko. Doshk. vosp. 33 no. 3 50-55 Mr '60.

TOYS

Building materials for play. V. Cherviakova. Doshk. vosp. 33 no. 3·114-128 Mr '60.

Toys and fairy tales. I. Manukhina. Dosh. vosp. 33 no. 2: 84-85 F '60.

TRACE ELEMENTS

(see also subdivision under Fergana)

Concentration by coprecipitation with sulfides and the determination of trace amounts of Cu, Zn, Pb, Co, Hg, Ag, V, W, and Mo, as applied to the analysis of natural waters A. P. Degtiarenko, R I. Libina, A. D. Miller. Gidrokhim. mat. 28 264-272 '59

Determination of trace elements in natural waters. V. IA. Eremenko. Gidrokhim. mat. 29 242-247 '59.

Distribution of minor elements in Carboniferous deposits of the central provinces. V. A. Golovko. Dokl. AN SSSR 132 no. 4:911-914 Je '60.

Effect of antibiotics and trace elements on the development of the crown gall of apple and pear. O. V. Isaieva Dop UASHN 3 no 1·28-30 Ja-F '60

Effect of trace elements in increasing the vitamin C activity of tomatoes [with summary in English]. IU. G. Novoderzhkina Fiziol rast. 7 no 1.121-123 '60.

Effect of trace elements on the biological characteristics, yield, and quality of corn Hu Nai-t'ang. Visnyk sil'. hosp. nauky 3 no 2·78-82 F '60.

Effectiveness of bacterial fertilizers and trace elements. V I Artemenko. Kolh Ukr 7 no 2 22 F '60.

How various methods of applying microelements affect the yield and chemical composition of common timothy. N I. Mel'nikova. Vest. sel'khoz. nauki 5 no. 1·140-141 '60.

Trace elements in agriculture and public health. IA. V. Peive. Vest. AN SSSR 30 no. 5:17-23 My '60.

TRACE ELEMENTS—SPECTRA

Spectrographic determination of trace elements in natural waters. Part. I concentration of Ni, Co, Ag, Cu, V, Sn, Bi, Fe, Pb, Mn by means of sodium diethyldithiocarbamate. I. T. Klimov, V. IA Eremenko. Gidrokhim. mat. 29 254-263 '59.

Spectrographic determination of trace elements (Ni, Co, Cu, V, Sn, Mo, Pb, and Mn) in natural waters. V. IA. Eremenko. Gidrokhim. mat. 29·248-253 '59.

TRACERS (BIOLOGY)

Cherkasov, V. F. [Tagged atoms in physiology and medicine] Mechenye atomy v fiziologii i meditsine. [Leningrad] Gos. izd-vo med. lit-ry. Leningr. otd-nie 1959. 60 p. (Nauchno-populiarnaia meditsinskaia literatura)

Studies on sexual processes in plants and animals by the use of radioactive isotopes. Kh. F. Kushner, I. E. Novik. Usp. sovr. biol. 48 no. 3;343-355 N-D '59.

Vlasiuk, P. A., and E. S. Kosmatyi. [Tagged atom method in agricultural physiology] Metod mechenykh atomov v agrofiziologii. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1959. 320 p.

TRACK ATHLETICS

(see also subdivision under Finland, Poland; Yalta)

Brief news. Leg. atl. no. 12·26 D '59.

Correct methods in the track athlete's training. V. Chudinov. Leg. atl. no. 12·10-11 D '59

Great progress among rural athletes. I. Sergeev, A. Rozenberg. Leg. atl no. 12·14-16 D '59.

Hardwork is the essence of success. D. Markov. Leg. atl. no 12;8-9 D '59.

Stepanchenko, L. A., L. S. Khomenkov, and V. M. IAgodin. [Track and field athletics, a manual for physical education groups in instructing beginners] Legkaia atletika; uchebnoe posobie dlia sektsii kollektivov fizicheskoi kul'tury dlia zaniatii s nachinaiushchimi. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 350 p.

TRACK CONSTRUCTION (ATHLETICS) see subdivision under Lvov

TRACTOR INDUSTRY

(see also subdivision under Kharkov; Minsk)

Carrying into effect resolutions of the Plenum of the Central Committee of the Communist Party of the Soviet Union. Trakt. i sel'khozmash. 30 no. 2:1-2 F '60.

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kharkov)

Speed up technological reequipment of the tractor and agricultural-machinery industries. Stan. i instr. 31 no. 1 1-2 Ja '60.

TRACTORS

Accounting for the utilization of a tractor park on collective farms. P. S Semenov Uchet i fin. v kolkhoz i sovkhoz 17 no. 1·41-45 Ja '60.

Artamonov, M D., and IU V. Mikhailovskii. [Traction machinery in the logging industry] Tiagovye mashiny na lesozagotovkakh. Moskva, Goslesbumizdat, 1959. 326 p.

At high speeds. I. Belov. Novyi mir 35 no. 12:209-216 D '59.

Creators of a new technique. G. Novozhilov. Sov. Kazakh. 26 no. 12:78-81 D '59.

Device for stopping tractors and filtration of fuel through water D. Gienko Sel'. mekh no 2·27 '60.

Important invention. I. Gurvich. Znan. sila 35 no. 1: 6-7 Ja '60.

Increase the capacity of TDT-60 tractors. D. S. Gakhenson. Les. prom. 38 no. 1 17-19 Ja '60.

Lazarev, A. A., and others. [Manual for operating the S-100 tractor] Rukovodstvo po ekspluatatsii traktora S-100. Pod red. I. S. Kav'iarova i I. IA. Trashutina. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 203 p.

New speeds, new ways. V. N. Boltinskii. Tekh mol 28 no 1·1-3 '60.

Nikiforov, A. A. [Handbook for S-80 and S-100 tractors] Spravochnik po traktoram S-80 i S-100. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 156 p.

"Rioni" tractor. Sh. IA. Keresolidze. Trakt. i sel'khozmash. 30 no. 2:34-35 F '60.

T-75 tractor. G. Grigorenko. Sel'. mekh. no. 2:41 '60.

Turns of a "royal"-type running wheel. F. A Opeiko. Sbor. nauch trud Bel. politekh. inst. no. 64:123-128 '59.

Use of new materials in the tractor industry. A. D. Ushakov. Trakt. i sel'khozmash. 30 no. 2:15-18 F '60.

We have 1,577,000 tractors in operation. Aleksei Dorokhov. Sov. Soiuz no. 8:12-15 '57.

TRACTORS—CATALOGS

Vladimirskii traktornyi zavod, Vladimir. [Catalog of spare parts for the DT-24-2, DT-24-3, DT-24-2M, DT-24-3M, DT-24-3B i T28 "Vladimirets" row-crop tractors] Katalog zapasnykh chastei universal'nykh propashnykh traktorov DT-24-2, DT-24-3, DT-24-2M, DT-24-3M, DT-24-3B i T28 "Vladimirets." Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 328 p.

TRACTORS—COLD WEATHER OPERATION
Operation of tractors in winter S. Chernov. Sel' mekh. no. 1 25-27 '60.

TRACTORS—ENGINES
Is it necessary to accelerate engines before shutting off A. Grishaev. Sel'. mekh no 1 27-28 '60

TRACTORS—ENGINES—OIL FILTERS
Grodzievskii, V. L. [Centrifugal oil purification in tractor engines] TSentrobezhnaia ochistka masla v traktornykh dvigateliakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 71 p.

TRACTORS—FUEL SYSTEMS
How to repair pumping devices of fuel injectors. I. Fedosov. Sel'. mekh no. 2:32-35 '60
Pumping device of the fuel injector of DT-54 tractors. B. Polikarpov. Sel' mekh no 2:32 '60.
Working conditions are good. Sel'. mekh. no. 2:11-12 '60.

TRACTORS—HYDRAULIC EQUIPMENT
Operating the hydraulic system of tractors in winter Kh. Davletov Sel' mekh no 1 23-25 '60

RACTORS—LUBRICATION
Flushing the lubrication system of tractor engines G Ardashev Sel'. mekh. no 1,32-33 '60

TRACTORS—MAINTENANCE AND REPAIR
(see also subdivision under Czechoslovakia)
Dependence of expenditures for spare parts of a tractor upon its output and consumption of fuel. N. S. Raibman. Uch. zap. po stat. 4:224-242 '59.
In seven days. N. Luzan, I. Gritsulia. Sel'. mekh. no. 2:8-9 '60
No substandards in capacity. N. Lagoda. Sel'. mekh. no. 2:10 '60.
What the reasons could be. V. Bereznikov. Sel'mekh. no. 1:28-29 '60

RACTORS—TIRES
nteraction between tractor tires and soil. G. G. Kolobov, A. F. Poletaev. Trakt. i sel'khozmash. 30 no. 2:9-11 F '60.

RACTORS—TRANSMISSION DEVICES
Synchronous power take-off shaft. G. Timofeev. Sel'. mekh. no. 2:35 '60.

RADE see Commerce

ADE UNIONS
(see also subdivision under Burma; Canada;
Poltava Government; Ukraine; United States)
ncern for teachers is an important task of trade-union
rganizations Z. S. Nechyporuk. Rad. shkola 39 no. 1:
1-14 Ja '60
urther improvement in the activity of trade-union organi-
zations in guiding scientific technological societies.
NTO 2 no. 2:12-13 F '60.
prove the distribution of trade-union literature. Sov.
mizh. torg. 12 no. 1:41 Ja '60.
the Presidium of the All-Union Central Council of
Trade-Unions. Okhr. truda i sots. strakh. no. 1:75-77
Ja '60.
pamphlet on trade-union work ("For strengthening con-
ct between school and life" by P. I. Egorshin. Review-
d by M. P. Alekseeva). Vest. vys. shkoly 18 no. 6:93-95
e '60.
le of Soviet trade unions in strengthening the legality of
bor relations. F. M. Leviant, A. S. Pashkov. Uch. zap.
GU no. 274:53-63 '59.
e Sixth Plenum of the Central Committee of a Trade
nion. Vest. vys. shkoly 17[i.e. 18] no. 5:73 My '60.
find a road toward unity. G. Kulikova. Nov. vrem.
no. 7:12-13 F '60.
rade Union of Builders; brief outline history] Prof-
oiuz stroitelei; kratkii istoricheskii ocherk. [Moskva]
d-vo VTsSPS, Profizdat, 1959. 190 p.

FFIC ACCIDENTS
ee also subdivision under Moscow; Tajikistan)
ostly carelessness. S. Kleitman. Za rul. 18 no. 1:
Ja '60.
hnical investigation of automobile accidents. A. Lebe-
v. Za bezop. dvizh. no. 1:11 Ja '60.
ffic offenses commited by driver. B. A. Lebedev.
bezop. dvizh. no. 2:10-11 F '60.

FFIC ENGINEERING
ee also subdivision under China)
omatic traffic control in municipal electric transporta-
n systems. Zhil.-kom khoz. 10 no. 2 31 '60.
acity of highways. IU. S. Krylov. Izv. vys. ucheb.
; stroi. i arkhit. no. 9:123-129 '59.
rms and technical specifications for designing city
eets, squares, and roads." Biul. stroi. tekh. 17
3:13-16 Mr '60.
e methods for organizing pedestrian traffic in resi-
ntial districts. IU Bocharov. Zhil.-kom. khoz. 10
2:14-16 '60.

Technical and economic factors in determining the capacity of highways. M. F. Smirnov. Avt. dor. 23 no. 1:22-24 Ja '60.

TRAFFIC REGULATIONS
(see also subdivision under Moscow)
There are no trifles in traffic regulations. L. Setkin and others. Za rul. 18 no. 1:10-11 Ja '60.
Traffic regulations for motor vehicles V Vladimirov Sel' mekh no 1 38-39 '60
Traffic regulations on streets and highways of the U. S. S. R. Za bezop. dvizh. no. 2 6-7 F '60.

TRAFFIC SAFETY
Before starting a trip. V. Reznikov. Za bezop. dvizh no. 1:10-11 Ja '60.
On the highways of the country. Za bezop. dvizh. no. 2:16 F '60.
Readers' letters. Za bezop. dvizh. no. 1:12 Ja '60.
Second year of the seven-year plan. Za bezop. dvizh. no. 1:1-3 Ja '60.
Under the control of trade unions. B. Romanov. Za bezop. dvizh. no. 2:1-2 F '60.

TRAFFIC SIGNS AND SIGNALS
(see also subdivision under Moscow)
Automatic traffic light. G. IAnitskii. Tekh. mol 28 no. 1:13 '60.
"Clever" traffic signal. E. Hranovs'kyi. Znan. ta pratsia no. 1:31 Ja '60.
Cybernetic traffic light. G IAnitskii. Tekh mol 28 no 1 13 '60

TRAFFIC VIOLATIONS
(see also subdivision under Moscow)
With the permission of the director... S. Ivanov. Za bezop. dvizh. no. 1:5 Ja '60.

TRAINING OF EMPLOYEES see Employees, Training of

TRAJECTORIES
Problem of trajectories. N. M. Belen'kii. Uch. zap. MGZPI no. 3 231-239 '59.

TRANS-ILI ALA-TAU—ASCOMYCETES
Ascomycetes of the Trans-Ili Ala-Tau. B. K. Kalymbetov Trudy Inst. bot. AN Kazakh. SSR 7:268-338 '59.

TRANS-ILI ALA-TAU—HYDROGRAPHY
Inflow of water in lakes of the Trans-Ili Ala-Tau and the possibility of its numerical forecasting. V. I. Korovin. Trudy KazNIGMI no. 12.96-106 '59.

TRANS-ILI ALA-TAU—RAIN AND RAINFALL
Some results achieved and possibilities for further study of catastrophic floods resulting from rains. S. P. Kavetskii and others. Trudy KazNIGMI no. 12:81-94 '59.

TRANSBAIKALIA—HYDROLOGY—RESEARCH
Reorganizing the work of river stations of the Administration of the Hydrometeorological Service of Transbaikalia. V. N. Glubokov. Meteor. i gidrol. no. 5:40-41 My '60.

TRANSBAIKALIA—ORE DEPOSITS
Basic characteristics of the Mesozoic metallogeny in eastern Transbaikalia [with summary in English]. V. S. Kormilitsyn. Sov. geol. 2 no. 11 96-109 N '59.

TRANSBAIKALIA—PINE
Root system of the pine in Transbaikalia (Buryat A. S. S. R.). V. A. Ssorin. Izv. Sib. otd. AN SSSR no. 12: 101-117 '59.

TRANSCARPATHIA—CANNING INDUSTRY
Soviet Transcarpathia: a new region for the development of a major canning industry. G. IA Trapitsyn Kons. i ov prom 15 no. 2 35-37 F '60.

TRANSCARPATHIA—ECONOMIC CONDITIONS
Kozlovs'ka, L. H. [Development of the national economy of the Transcarpathian Province during the Soviet regime] Rozvytok narodnoho hospodarstva Zakarpats'koi oblasti za roky radians'koi vlady. [L'viv] Vyd-vo L'vivs'koho univ., 1959. 165 p.

TRANSCARPATHIA—PETROLOGY
Zolotukhin, V. V. [Geological and petrographic studies of Chernaya Gora and adjacent regions in Transcarpathia] Geologo-petrografichni doslidzhennia chornoi gory ta pryleglykh raioniv Zakarpattia. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 175 p.

TRANSCARPATHIA—PHYSICAL GEOGRAPHY
Interuniversity scientific conference. A. I. Tokmakov, G. I. Gerasimenko. Vest. vys. shkoly 17[i.e. 18] no. 5: 31-33 My '60.

TRANSCARPATHIA—SANATORIUMS
Trip to Osmoloda. Teren' Masenko. Sov. Ukr. 9 no. 9: 109-117 S '59.

TRANSCARPATHIA—SOILS
Agrophysical and microbiological properties of soils of the Transcarpathian lowland. I. A. Vlasiuk. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no. 3:138-147 '55.

TRANSCARPATHIA—TRIALS (WITCHCRAFT)
A witch trial. IU. Kachii. Ukraina no. 4:32 F '60.

TRANSCAUCASIA—BUILDING MATERIALS
Waterproof soil gypsum. I. G Khizanishvili. Trudy nauch. kotr Inst. stroi. dela AN Gruz. SSR no 1 3-18 '56.

TRANSCAUCASIA—PERLITE (MINERAL)
Prospects for finding perlites in Transcaucasia. E. F. Maleev. Razved. i okh. nedr 25 no. 11:12-15 N '59

TRANSCAUCASIA—REVOLUTION, 1917-1921
Kadishev, A. B. [Intervention and civil war in the Transcasus] Interventsiia i grazhdanskaia voina v Zakavkaz'e. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 509 p.

TRANSDUCERS
Converter of numerical magnitudes to electrical [with summary in English]. A. K. Zavolokin. Avtom. i telem. 21 no. 2:260-265 F '60.

TRANSDUCTORS see Magnetic amplifiers

TRANSFORMATIONS (MATHEMATICS)
Asymptotic relations for certain integral transformations. V. M. Chernov. Uch. zap. MGZPI no. 3:103-143 '59.

TRANSIENTS (DYNAMICS)
Principles of the design of starting arrangements for turbocompressor gas generators S A Klochkov. Trudy NTO sud prom 8 no 1:95-132 '58

TRANSIENTS (ELECTRICITY)
Calculation of transient processes in nonlinear systems. I. A Orurk Izv vys ucheb zav ; elektro-mekh. 2 no. 12:3-11 '59.

TRANSISTOR AMPLIFIERS
Cathode follower in pulsed operation. B N. Faizulaev Radiotekhnika 15 no. 1.60-67 Ja '60
Defense of dissertations at the Lvov Polytechnic Institute. E. F. Zamora. Izv. vys. ucheb. zav., radiotekh. 3 no. 5: 629-630 S-O '59.
Determination of principal parameters of multichannel transistor amplifiers which are used in transmission line networks. A. I. Borisov. Elektrosviaz' 14 no. 2: 45-53 F '60.
Effect of the parameters of a block circuit on the operational characteristics of a tubeless d. c. amplifier. E. V. Dobrov. [Trudy] MVTU no. 2:46-55 '59.
Intercommunication system using transistor amplifiers. A. Shur, E. Nokkert. Radio no. 2 50-51 F '60.
Labutin, V. K. [Simplest devices using transistors] Prosteishie konstruktsii na tranzistorakh. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 63 p. (Massovaia radiobiblioteka, no. 362)
Transistor amplifiers in television engineering. G. P. Sherov-Ignat'ev. Tekh. kino i telev. 4 no. 1:37-43 Ja '60
Video amplifiers using transistors. B. Kokhlov. Radio no. 1:42-43 Ja '60.

TRANSISTOR RADIOS
Increased sensitivity of a transistor receiver. A. Kariakin. Radio no. 2 43 F '60.
Labutin, V. K. [Simplest devices using transistors] Prosteishie konstruktsii na tranzistorakh. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 63 p. (Massovaia radiobiblioteka, no. 362)
"Malysh" radio receiver. M. Rumiantsev. Radio no. 1: 29-30 Ja '60.

TRANSISTORS
Condition of saturation in transistors at large signals. V. A. Kuz'min. Izv. vys. ucheb zav.; radiotekh. 2 no. 5: 566-574 S-O '59.
Fedotov, IA. A., ed. [Transistor devices and their applications; collection of articles] Poluprovodnikovye pribory i ikh primenenie, sbornik statei. Moskva, Izd-vo "Sovetskoe radio,"
No. 4. 1960. 423 p.
"Kristall" television set. A. Pukhtenko. Radio no. 1: 39-41 Ja '60.
Labutin, V. K. [Simplest devices using transistors] Prosteishie konstruktsii na tranzistorakh. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 63 p. (Massovaia radiobiblioteka, no. 362)
Parametric regeneration by a transistor diode in the u. h. f. range. E. M. Gershenzon, V. S. Etkin. Izv. vys. ucheb. zav.; radiofiz. 2 no. 5:835-836 '59.
Some circuits of semiconductor phase-sensitive devices. N. S. Nikolaenko. Izv. vys. ucheb. zav., prib. 2 no. 5: 20-25 '59.
Thermal processes in junction transistors. I. A. Popov. Radiotekhnika 15 no. 1.72-77 Ja '60.
Transistors under phase-sensitive conditions. N. S. Nikolaenko. Izv vys. ucheb. zav., prib. no. 4, 3-11 '59.

TRANSISTORS—NOISE
Calculating natural noises of amplifying and measuring devices equipped with junction transistors. V. V. Pavlov. Priborostroenie no. 1:18-20 Ja '60.

TRANSIT CIRCLE

Determining clock corrections from observations on a transit circle with instrument azimuth obtained from northern and equatorial stars. A Kadyrov. Izv AN Uz. SSR. Ser. fiz.-mat nauk no 5 36-41 '59.

TRANSIT INSTRUMENTS

New shifting transit instrument N N Pavlov Izv GAO 20 no 1 99-103 '55.

TRANSITION METALS

Exchange interaction of inner and outer electrons in transition metals. S V. Vonsovskii and others Dokl. AN SSSR 132 no. 4 797-800 Je '60.

Number of 3d electrons in transition metals. F. M. Gal'perin. Dokl AN SSSR 132 no 4 801-802 Je '60.

TRANSLATING AND INTERPRETING

Pushkin on the subject of translating O. Kholmskaia. Uch zap. MGPIIIA 13,35-84 '58

Revolutionary democrats on the subject of translating. B. Vorob'ev and others Uch zap. MGPIIIA 13,85-100 '58

The significance of A M. Gor'kii's statements concerning the language and style of literary translations for translators. IU IUskovets Uch zap MGPIIIA 13 101-110 '58.

TRANSPLANTATION (PHYSIOLOGY)

Use of differential equations in physiology. S. A. Stebakov. Biul. MOIP. Otd. biol. 64 no. 6·165-166 N-D '59.

TRANSPLANTATION OF ORGANS, TISSUES, ETC

They have been teachers from the very beginning. Two hearts G Kazarnovskaia. IUn nat. no. 1,13-15 Ja '60.

TRANSPORT LIBRARIES see subdivision under Shepetovka

TRANSPORTATION

(see also subdivision under India, Ukraine)

Conference of transportation workers NTO 2 no 1 36 Ja '60

Gramp, A. N. [Consolidated transportation system in the U. S. S. R., lecture for students of the second course in all specialities] Edinaia transportnaia set' SSSR, lektsiia dlia studentov II kursa vsekh spetsial'nostei. Moskva, M-vo putei soobshcheniia. Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1959. 32 p.

TRANSPORTATION—BUILDINGS AND STRUCTURES

Aid to students of seminars on applied economics of construction for the transportation industry. Transp. stroi. 9 no 12,56 D '59.

Brief news. Transp. stroi. 9 no. 12,56-60 D '59.

Brief news Transp stroi 10 no 2 61-63 F '60

Increasing responsibility for the quality of building and assembling operations. B S Beliaev Transp stroi. 10 no. 2 1-3 F '60

Principal work indices of building organizations and industrial enterprises of the Ministry of Construction for the Transportation Industry in 1959. Transp stroi 10 no 2,47-50 F '60.

TRANSPORTATION—COST OF OPERATION

Khachaturov, T. S. [Problems in the economics of transportation] Voprosy ekonomiki transporta. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 278 p.
(DBC)

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Crimea; Hungary; Kharkov; Pavlodar Province, Ukraine)

Applying the linear programing method for solving economic problems in automotive transportation. F. Setunov, IU. Chernyshov. Biul. nauch. inform.: trud i zar. plata no. 11:74-79 '59.

Economic efficiency of the transportation of mail by truck. N. F. Golitsyn. Vest. sviazi 20 no. 2:17-18 F '60.

In the Technical Council of the Ministry V. Filippov Avt. transp. 38 no 1 51 Ja '60

Literature on automotive transportation in 1960. V Klennikov Avt. transp 38 no. 1 61-62 Ja '60.

New organization of automotive transportation units IU Sinegubov Avt transp 38 no. 1 31-32 Ja '60.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING see subdivision under Kemerovo Province

TRANSPORTATION, AUTOMOTIVE—BIBLIOGRAPHY see Bibliography—Transportation, Automotive

TRANSPORTATION, AUTOMOTIVE—FREIGHT

Agranat, P. A., and G. D. Lutsker. [Experience in the combined operations of railroad and automobile transportation] Opyt sovmestnoi raboty zheleznodorozhnogo i avtomobil'nogo transporta. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 31 p.

TRANSPORTATION, AUTOMOTIVE—STUDY AND TEACHING

Degree projects should be more practical. A. Lisin, G. Gorev Avt transp. 38 no. 1:47-48 Ja '60

TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Technical development is the base for the growth of labor productivity S Shupliakov Avt transp 38 no 1 1-3 Ja '60

TRAVELING-WAVE TUBES—NOISE

Effect of the form of an electrostatic field in the gun of a traveling-wave tube on its noise factor. A A Ziuzin-Zinchenko, V M. Lopukhin, V M. Vasil'ev Izv vys. ucheb zav, radiotekh 2 no 5:589-590 S-O '59

TRAVERSES (SURVEYING)

Adjustment of polygonometric networks by trilateration. F. F Pavlov. Geod. i kart. no. 12:14-17 D '59.

TRAWLS AND TRAWLING

Use of alternating current electric fields in trawl fishing. V. A. Shentiakov, M. R. Matzelis. Trudy Inst. biol. vodokhran. no. 2:128-147 '59.

TREBIZOND—COINS

Buried coin treasure from the village of Tobanieri. K. V. Golenko. Viz. vrem. 16·127-172 '59.

TREE PLANTING

Mass-produced SLN-2 tree-planting machine A A Koblik Les khoz 12 no 1 47-49 Ja '60

TREE TAPPING

Two-storied tree tapping with a chessboard order distribution of faces I V Vysotskii Gidroliz i lesokhim prom. 13 no 1 12-13 '60

TREES

A brief study of tree seeds L E Mikhailov. Les. khoz 12 no 1 71-72 Ja '60.

Winter hardiness of coniferous and broad-leaved trees and shrubs at the Forest Steppe Experimental Plant Breeding Station (Lipetsk Province). N G Akimochkin Bot zhur 15 no 1 123-131 Ja '60

TREES—DISEASE AND PEST RESISTANCE

Breeding trees for disease and pest resistance. G. P. Ozolin Les. khoz 12 no 2:28-31 F '60

TREES—DISEASES AND PESTS

The fauna of injurious insects inhabiting trees and shrubs in the desert of Kyzyl-Kum [with summary in English]. IU. V. Sinadskii. Biul. MOIP. Otd. biol. 64 no. 6 63-72 N-D '59.

How to treat trees in case of canker. E. Z. Koval'. Les. khoz. 12 no 2·80 F '60

Spongy saprot and its control A N Guseva Les khoz 12 no 1 42-44 Ja '60.

Using biological preparations for controlling the falling over of seedlings. N. I. Fedorov, A. F. Kiselev Les khoz. 12 no 2·44-45 F '60

Vanessa butterflies as pests of certain trees in the Gissar Range V. I Degtiareva Trudy AN Tadzh. SSR 80:50-63 '58.

TREMATODA

(see also subdivision under White Russia)

Deciphering the biology of the trematode Proalaria excaveta Rud. IAncho IAnchev, Dimo Bozhkov. Dokl. AN SSSR 132 no. 3·726-728 My '60.

Trematode larvae in fishes of the Soviet Union. L E. Bykhovskaia-Pavlovskaia, G. K. Petrushevskii. Trudy sov. Ikht. kom. no. 9 198-205 '59.

TREPHINING

Electric saw for cadaver skulls [with summary in English]. N. A. Odesskaia. Arkh. pat. 21 no. 7:73-74 '59.

TRESTLES

Open standard crane trestles. G. I. Gulman, V. Sh. Kozlov, V. I. Sytnik Prom. stroi. 38 no 1:25-27 '60.

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Düesseldorf

TRIALS (TREASON)

Notes of a judge advocate V. Shalaginov. Sots. zakon. 37 no. 3 59-60 Mr '60.

TRIALS (WITCHCRAFT) see subdivision under Transcarpathia

TRIANGULATION

Adjustment of the astrogeodetic network of the U. S. S. R. B. N. Rabinovich. Geod. i kart. no. 12:3-9 D '59.

Computing relative altitudes from the data of geodetic leveling in mountain regions. D. A. Drennov. Geod. i kart. no. 12 17-20 D '59.

Straight surface central point network and general method of plotting it. B. F. Krutoi. Izv. TPI 93:219-233 '58.

TRIAZENE

Aliphatic and aliphatic - aromatic bis-triazenes. V. IA. Pochinok and others. Ukr. khim. zhur. 25 no. 6: 774-780 '59.

Mechanism of the decomposition of aliphatic - aromatic triazenes under the influence of acids and water [with summary in English]. L V. Alferova, B. A. Dolgopolsk, V A Kropachev. Vysokom. soed 2 no. 1:3-12 Ja '60.

TRIAZOLE

Mixed poly-4-amino-1,2,4-triazoles. V. V. Korshak, G. N. Chelnokova, M. A. Shkolina. Vysokom. soed. 1 no. 12 1772-1777 D '59

TRICHOMONIASIS

"Microbiology of the vagina and trichomoniasis of the sexual organs" by O. Irovets and others. Reviewed by G. M. Paronikian Sov. med 24 no. 1·150-152 Ja '60.

TRIGEMINAL NEURALGIA see Neuralgia, Trigeminal

TRIGONOMETRICAL FUNCTIONS—STUDY AND TEACHING

Application of trigonometrical functions in the eighth grade. IU. V D'iakov. Obshcheobr. shkola vzrosl no. 6. 64-65 N-D '59.

TRIGONOMETRY—PROBLEMS, EXERCISES, ETC.

Applied problems in trigonometry. IU. M. Krasovskii. Mat. v shkole no. 1 85-87 Ja-F '60.

Some trigonometric transformations. U. S. Davydov. Mat. v shkole no. 1·67 Ja-F '60.

TRIMETHYLENE OXIDE

Synthesis and polymerization of bis[3,3'] chloromethyloxacyclobutane. M M. Koton and others Zhur prikl. khim. 33 no 1·182-185 Ja '60

TRIOXYMETHYLENE

Problem of synthesizing n-amyl alcohol from trioxymethylene and n-butylmagnesium bromide. G. V. Medoks, L. E. Ozerskaia. Zhur. ob. khim. 30 no. 5.1643-1644 My '60.

TROLLEY BUSES

(see also subdivision under Moscow)

Using capron in making parts for the rolling stock of the electric transportation system V TSekov Zhil-kom khoz 10 no 2 11-13 '60

The ZIU-5 standardized trolley bus. P. G. Zhilin, V. S. Kashtanov Biul. tekh.-ekon. inform. no. 1.74-75 '60.

TROLLEY BUSES—MAINTENANCE AND REPAIR

Standardizing amortization deductions in streetcar and trolley-bus systems. S. Rozenberg. Zhil.-kom khoz. 10 no 1:13-14 '60

TROPANE

Express-method for the qualitative determination of tropane alkaloids. G. N. Naumchik. Med. prom. 14 no. 2: 45-46 F '60.

TROPICAL PLANTS see subdivision under Georgia

TROPICS—DISEASES AND HYGIENE

Prevention and treatment of infectious diseases during the navigation of ships in the tropics. V. IA. Vinogradov. Voen.-med. zhur. no. 2:75-76 F '60.

TROUT

Effect of rearing conditions on blood indices of young rainbow trout. L. I. Lebedeva. Trudy sov. Ikht. kom. no. 9:78-80 '59.

TROUT—DISEASES AND PESTS

(see also subdivision under Chernaya River, Abkhazia)

Lipoidic degeneration of the liver in the rainbow trout and its connection with the use of artifical feeds. K. A. Faktorovich. Trudy sov. Ikht. kom. no. 9.69-73 '59.

TROYAN MOUNTAINS (BULGARIA)—METEORITES

Chemical composition of the Gumoshnik meteorite. N. P. Penchev, E. N. Pencheva, P. R. Bonchev. Meteoritika no. 18:144-146 '60.

TROYANOV—ANTIQUITIES

The late Tripol'ye settlement at the Troyanov village Zhitomir Province. T. D. Belanovskaia, N. M. Shmaglii. Krat. soob. Inst. arkheol AN URSR no. 8:125-128 '59.

TRUBCHEVKA—SEPULCHRAL MONUMENTS

Gravestones of the Trubetskoi princes. V. P. Levenok. Sov. arkheol. 4 no. 1:245-253 '60.

TRUBETSKOI FAMILY

Gravestones of the Trubetskoi princes. V. P. Levenok. Sov. arkheol. 4 no. 1:245-253 '60.

TRUCK TRAILERS see subdivision under Crimea

TRUCK TRAILERS—DYNAMICS

Lateral motion stability of trailers. IA. Kh. Zakin. Avt. prom. no. 2:27-31 F '60.

TRUSKAVETS—MINERAL WATERS

Changes in diuresis under the influence of mineral water from the Naftusya Spring of the Truskavets Health Resort. M. A. Dudchenko. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1:34-39 '60.

Effectiveness of the treatment of cholelithiasis at the Truskavets Health Resort. D. I. Vizir. Vop. kur., fizioter. i lech. fiz. kul't. 25 no. 1:3-7 '60.

TRUSOV, ANTON DANILOVICH, 1835-

One of the organizers of the Russian Section of the First International. G. Kiselev. Komm. Bel 34 no.1 76-80 Ja '60.

TRUSSES—TESTING

Investigating the actual performance of diagonal wooden bridge trusses. IA. I Drozd Sbor. nauch. trud Bel. politekh. inst. , no. 70 3-21 '59.

Stand for testing cross members and trusses. A. Neshin. Stroitel' no.1·12 Ja '60.

TRUSTS, INDUSTRIAL see subdivision under Germany, West

TRUTHFULNESS AND FALSEHOOD

On honesty and truthfulness. M. M. Skudina. Doshk. vosp. 33 no. 3·29-37 Mr '60.

TRYPTOPHAN

Tryptophan synthesis from indolylpyruvic acid in plants [with summary in English] V L. Kretovich, O L Poltanovskii Biokhimiia 24 no 6·995-1001 N-D '59.

TSHCHIKSKOYE RESERVOIR—FISHES

Fishes of the Tshchikskoye Reservoir in Krasnodar Territory G. Kh. Shaposhnikova. Trudy Zool. Inst. 26·375-413 '59.

TSIMLYANSK RESERVOIR—PARASITES

Dynamics of the parasite fauna of fishes in TSimlyansk Reservoir during the five years of its existence. K. V. Smirnova. Trudy sov. Ikht. kom. no. 9 123-128 '59.

TSIMLYANSKAYA DISTRICT—ANTIQUITIES

Iron articles from Sarkel-Belaya Vezha. S S Sorokin. Mat i issl po arkheol no. 75 135-199 '59

On the significance of "skates" and bones with notches from Sarkel-Belaya Vezha S A Semenov Mat i issl po arkheol no. 75 353-361 '59.

X-ray examinations of iron articles from Sarkel-Belaya Vezha T N. Sil'chenko, S. S. Sorokin. Mat. i issl. po arkheol no 75 200-201 '59

TSIMLYANSKAYA DISTRICT—ARCHAEOLOGY

Transactions of the Volga-Don Archaeological Expedition Mat. i issl. po arkheol, no 75:5-8 '59

TSIMLYANSKAYA DISTRICT—BEADS

Glass bracelets and beads from Sarkel-Belaya Vezha. Z A L'vova. Mat. i issl po arkheol. no 75 307-332 '59.

TSIMLYANSKAYA DISTRICT—BRACELETS

Glass bracelets and beads from Sarkel-Belaya Vezha Z A L'vova, Mat i issl. po arkheol no 75 307-332 '59

TSIMLYANSKAYA DISTRICT—COMBS

Comb from Sarkel-Belaya Vezha. A V. Bank. Mat. i issl po arkheol no. 75 333-339 '59.

TSIMLYANSKAYA DISTRICT—DWELLINGS

Dwellings of Sarkel-Belaya Vezha V. D. Beletskii. Mat. i issl po arkheol. no 75 40-134 '59

TSIMLYANSKAYA DISTRICT—FORTIFICATIONS, PRIMITIVE

Fortifications of Sarkel. P A Rappoport. Mat. i issl po arkheol. no. 75 9-39 '59

TSIMLYANSKAYA DISTRICT—GLAZES

Glazed pottery from Sarkel-belaya Vezha. B A. Shelkovnikov Mat. i issl. po arkheol. no 75.273-306 '59.

TSIMLYANSKAYA DISTRICT—HOSPITALS

Work of the Tsimlyansk District Hospital in improving polyclinical care for the public. Sov. zdrav. 19 no. 2· 52-53 '60.

TSIMLYANSKAYA DISTRICT—POTTERY, PRIMITIVE

Pottery from Sarkel-Belaya Vezha. S. A. Pletneva Mat. i issl po arkheol no 75:212-272 '59.

TSIMLYANSKAYA DISTRICT—SIGNS AND SYMBOLS

Symbols on pottery and bricks from Sarkel-Belaya Vezha, on the problem of the Petchenegs' language and writing A. M Shcherbak Mat. i issl po arkheol. no 75 362-414 '59.

TSIMYLANSKAYA DISTRICT—SPINDLE-WHORLS

Whorl from the ancient site of Sarkel-Belaya Vezha V. P. Levenok. Mat. i issl. po arkheol. no 75:340-352 '59

TUBERCULOSIS

Change in the electroexcitability curve and in physiological lability in experimental tuberculosis in dogs [with summary in English]. A. I. Plaksin. Biul. eksp biol. i med 48 no 12:42-46 D '59.

Changes in the diameter of the erythrocytes in pulmonary tuberculosis patients during treatment with antibacterial drugs. L. P. Firsova. Zdrav. Belor. 6 no. 3:47-48 Mr '60.

"Climate" of pine forests. B. Aleksandrovs'kyi Nauka i zhyttia 6 no 9 18-19 S '59

Complex surgical treatment of pulmonary tuberculosis at the mountain sanatorium "Kamenskoe Plato." A. A. Terlikbaev. Trudy Inst. klin i eksp khir. AN Kazakh. SSR 5 63-64 '59.

Course of experimental tuberculosis under the influence of ionizing radiations L B Aksel'rod and others Med rad 4 no 12 48-52 D '59

Effect of ionizing radiation on experimental tuberculosis D G Pel'ts. Zhur mikrobiol epid i immun. 30 no 12· 121-122 D '59.

Heightened sensitivity to streptomycin. D. Z. Kagan, IU. I. Katsef Zdrav Belor 5 no. 1·60 Ja '60.

[Multivolume manual on tuberculosis] Mnogotomnoe rukovodstvo po tuberkulezu. Moskva, Gos. izd-vo med. lit-ry.

Vol. 2. [Tuberculosis of the respiratory organs] Tuberkulez organov dykhaniia. Red. toma A. E. Rabukhin i F. V. Shebanov.
Book 2. 1959. 408 p.
(DNLM)

Role of blood transfusion in the over-all treatment of various forms of pulmonary tuberculosis [in Azerbaijani with Russian summary]. F. A. Mustafaev. Azerb. med. zhur no. 1:13-19 Ja '60.

Shmelev, N. A. [Cytological analysis of blood and its significance in tuberculosis] TSitologicheskii analiz krovi i ego znachenie pri tuberkuleze. Moskva, Gos. izd-vo med. lit-ry, 1959. 149 p
(DNLM)

Some topographic characteristics of the heart and of its pulsation in case of a modified diaphragmatic position in patients with pulmonary tuberculosis [with summary in English]. D. L. Bronshtein. Vest. rent. i rad. 34 no. 6:46-52 N-D '59.

Surgery in pulmonary tuberculosis. G. K. Tkachenko. Trudy Inst. klin. i eksp. khir. AN Kazakh. SSR 5:57-62 '59.

Unusual forms of diseases of the thyroid gland [with summary in English]. E. I. Sveshnikova. Probl. endok. i gorm. 5 no. 5:73-77 S-O '59.

TUBERCULOSIS—DIAGNOSIS

Clinical aspects and differential diagnosis of tuberculosis. B L. Mazur. Kaz med zhur. 40 no. 6·58-60 N-D '59

TUBEROSE

Increasing the production of tuberose oil. T. A. Maslova. Masl.-zhir. prom. 26 no. 2:31-33 F '60.

TULA—DISABILITY EVALUATION

For a unified procedure in disability evaluation IU Filippov Okhr. truda i sots strakh. no 1 58 Ja '60

TULA—MOTOR SCOOTERS

The Tula motor scooter will be improved. A. Lotoskii. Za rul 18 no. 1:8-9 Ja '60.

TULA—TECHNICAL EDUCATION

Courageous undertaking S. Privinger. Prof.-tekh. obr 17 no 1 13-15 Ja '60

TULA PROVINCE—FARM MECHANIZATION

Three plans in a year. V. Sudakov, A. Volkov, A. Savel'ev. Sel'. mekh. no 2·10-20 '60

TULA PROVINCE—GYPSUM

Occurrences of gypsum deposits in Tula Province. N. M. Nikitin. Sov. geol. 2 no. 11 138-141 N '59.

TULA PROVINCE—HEALTH EDUCATION

Tula Province trade unions in the campaign for human health. L. M. Kamenskaia. Zdrav. Ros. Feder. 4 no. 2:43-45 F '60.

TULAREMIA

Epidemiological significance of rabbits in tularemia. IU. A. Miasnikov, M. I. TSareva. Zhur. mikrobiol. epid. i immun. 30 no. 12:96-100 D '59.

TULIKOV, SERAFIM SERGEEVICH, 1914-

A concert featuring S. Tulikov's works. E. Mikhailova. Sov. muz. 24 no. 2:148 F '60.

TULSA, OKLA.—EXHIBITIONS

Drilling equipment and drilling tools at the exhibition in Tulsa (United States). N. F. Timofeev, M. T. Gusman. Neft. khoz. 37 no. 12·56-60 D '59.

TUMORS

Change in immunobiological properties of tumors passed on chick embryo [with summary in English] T. A Pokrovskaia. Biul eksp biol i med 48 no. 11 93-97 N '59.

Controlled induction of antitumor properties in bacteria [with summary in English]. I I. Oleinik, V N. IAgodinskii Biul eksp biol. i med. 48 no 11 86-89 N '59

Effect of antitumor serum on the dynamics of mitotic changes in tumor and normal tissues in mice [with summary in English] S V Sukhorukikh. Biul eksp biol i med 48 no. 11.97-101 N '59

Effect of late reimmunization on tumor antibody formation P. P. Filatov Biul. eksp biol i med 48 no 11 101-103 N '59

Effect of ribonucleic acid and its hydrolysates on the inclusion of glycine-1 labeled with C^{14} in proteins of normal and tumor tissues [with summary in English] I B Zbarskii, N P Karuzina Biul eksp biol i med 48 no 11 65-69 N '59

Nitrogen and phosphorus content of tumor tissues during the cultivation of viruses [with summary in English] O T Lutikova Vop virus. 2 no 6·347-351 N-D '57.

Role of hemotransfusion in the combined treatment of neoplastic diseases. A. P. Kilashov. Sov med. 24 no. 1 48-53 Ja '60.

Synthesis of protein in isolated cell nuclei of normal tissues and in experimental tumors [with summary in English] I. B Zbarskii, K A Perevoshchikova Vop med khim 6 no 1·34-40 Ja F '60.

TUMORS, PLANT

Relation between normal and tumorous growth in Lycopersicum esculentum [with summary in English]. N A. Terekhova. Zhur. ob. biol 21 no. 1 51-58 Ja-F '60

TUNDRAS

Planting trees in the tundra and forest-tundra I N Balbyshev. Les khoz 12 no 1 33-36 Ja '60

TUNGSTEN—ISOTOPES

Introduction of the W^{185} radioisotope into the Al_2O_3 anodic film in the course of its formation. A. F. Bogoiavlenskii, G. N Dobrotvorskii. Zhur prikl. khim. 33 no. 2 340-344 F '60.

TUNGSTEN—SPECTRA

Spectroanalytical determination of molybdenum in tungsten trioxide, and of tungsten in molybdenum trioxide [with summary in English]. T. M Moroshkina, IU. V. Abramyshev. Vest. LGU 15 no. 10 101-103 '60.

TUNGSTEN ALLOYS

Mechanism governing the electrodeposition of alloys of molybdenum and tungsten with metals of the iron group T. F. Frantsevich-Zabludovskaia, A I. Zalats, V. T. Barchuk. Ukr khim zhur 25 no. 6·713-721 '59.

TUNGSTEN-CHROMIUM-MOLYBDENUM ALLOYS see Chromium-tungsten-molybdenum alloys

TUNGSTEN-NICKEL ALLOYS see Nickel-tungsten alloys

TUNGSTEN ORES see subdivision under Unkurtash region (Uzbekistan)

TUNGSTEN-RHENIUM ALLOYS see Rhenium-tungsten alloys

TUNGUSKA RIVER BASIN—METEORITES

Results of studying the fall of the Tunguska meteorite (theses of a report). E. L. Krinov. Meteoritika no. 18. 17-18 '60.

TUNIS—ECONOMIC CONDITIONS

The land and sky of Tunis. V. Zakharchenko, V. Kaboshkin. Vokrug sveta no. 2 13-16 F '60.

TUNIS—HISTORY

The land and sky of Tunis. V. Zakharchenko, V. Kaboshkin. Vokrug sveta no. 2:13-16 F '60.

TUNNELING

(see also subdivision under California)

Follow-up on unpublished letters. Vest. vys. shkoly 18 no. 6:80 Je '60.

TURBIDITY

(see also subdivision under Gorkiy Reservoir)

Brief methods for determining turbidity and particle size of river sediments in areas with strongly developed erosive activity. E. S. Semenova. Trudy GGI no. 77· 56-73 '60.

TURBINES

Method of raising the efficiency of turbine stages equipped with short blades. M E Deich and others. Teploenergetika 7 no. 2:18-24 F '60.

Radial balance equation for a turbomachine stage. I. I. Kirillov. Izv. vys. ucheb. zav.; energ. 2 no. 12:73-75 D '59.

Selecting speeds for inlet sections of volutes in concrete turbine chambers of hydroelectric power stations. F. F. Gubin, I. E. Mikhailov, E. L. Mitlurev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 8:73-87 '59.

Selecting the reactivity for turbine stages. A. M. Zavadovskii. Teploenergetika 7 no 2:31-33 F '60.

TURBINES—BLADES

Problem of raising the resistance of turbine blades to erosion blades. P. D. Shvetsov, A. S. Eremenko, E. A. Kutsin. Trudy Inst. tepl. AN URSR no 7:21-26 '52.

Progressive steps in the manufacture of forgings for steam and gas turbine blades. B. N. Batagov, V. N. Martynov, V. S. Povarov. Kuz.-shtam. proizv. 2 no. 1:17-19 Ja '60.

TURBINES—FLUID DYNAMICS

Using the optical method of bands for studying flow around turbine sections. A. S. Eremenko, E. A Kutsin. Trudy Inst. tepl. AN URSR no. 7:3-7 '52.

TURBODRILLS

Calculating the maximum disintegrating power on a turbodrill shaft B.I. Mitel'man, G. D. Rozenberg. Neft. khoz. 37 no.12 6-7 D '59.

Determining the strength of a drilling string in turbodrilling. T. N. Kitasbeili. Azerb neft. khoz. 38 no. 11 13-15 N '59.

Effect of the quality and quantity of flushing fluids on friction loss in turbodrill bearing discs [in Azerbaijani with summary in Russian] S M. Kuliev, IU. V. Sadykhov Azerb. neft. khoz. 38 no. 11:15-17 N '59.

TURBOGENERATORS

(see also subdivision under Novosibirsk)

Centering the VT-170-3000 turbine exciter with a hollow armature shaft on the rotor of the generator. A.I. Antoniak. Elek. sta. 31 no.2 89-90 F '60

Conversion of TB2-100-2 turbogenerators to operation under increased hydrogen pressure. R. A. Marinov, D. G. Speranskii. Elek. sta. 31 no. 1:81-82 Ja '60.

Experience obtained in the installation and adjustment of TB-60-2 turbogenerators. G. I. Andreev. Elek. sta. 31 no. 2:90-91 F '60

Principles of the design of starting arrangements for turbocompressor gas generators. S A. Klochkov Trudy NTO sud prom 8 no 1:95-132 '58

Spallation of rotor-spoke shoulders in a hydraulic generator. B. A. Kartashkin, IU. M. El'kind. Elek. sta. 31 no.1 41-46 Ja '60.

TURBOMACHINES—AERODYNAMICS

Review of M. E. Deich and G. S. Samoilovich's book "Fundamentals of the aerodynamics of axial turbmachines" S. F. Abramovich. Energomashinostroenie 6 no. 2 44 F '60.

TURBOV—SUGAR INDUSTRY

Operation of the RT continuous diffuser at the Turbov Sugar Factory. A. A. Sokolovskii, B. I. Berezinskii, V. A. Danil'tsev. Sakh. prom 34 no. 2 40-43 F '60.

TURGENEV, IVAN SERGEEVICH, 1818-1883

Antireligious satire by I S. Turgenev. N. K. Piksanov. Ezhegod. Muz. ist. rel. i ateiz. 3 199-203 '59.

TURGENEV, IVAN SERGEEVICH, 1818-1883—HOMES AND HAUNTS

Moscow. Gosudarstvennyi muzei I. S. Turgeneva. [I.S. Turgenev's birthplace as portrayed in his works] Rodnoi krai v proizvedeniiakh I. S. Turgeneva. [Moskva] Izd-vo "Sovetskaia Rossiia," 1959. 50 p., illus.

TURKESTAN—RELATIONS (GENERAL) WITH IRAN

History of the cultural and economic relations of the Ogurdzhi Turkmen with Persia in the 18th and 19th centuries. A. Dzhikiev Izv. AN Turk. SSR no.6 81-85 '59.

TURKEY—PETROLEUM GEOLOGY

International Geological Congress. 20th, Mexico, 1956. [Materials on petroleum geology] Materialy po geologii nefti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry.

Vol. 2. [European countries and Turkey] Strany Evropy i Turtsiia. Pod red. I. O. Broda. 1959. 239 p.

TURKMEN ACADEMY OF SCIENCES

Academicians of the Turkmen Academy of Sciences selected by the general assembly of the Academy, June 5, 1959. Izv. AN Turk SSR no. 6:120-125 '59.

TURKMEN LANGUAGE—DIALECTS

Some morphological features of names in the western varieties of the Yomud dialect of the Turkmen language K. Shamuradov Izv. AN Turk. SSR no. 6,92-97 '59.

TURKMENISTAN—COMMUNIST EDUCATION

Decisive role of a collective. A. A. Kurbanov, O. D. Kuz'min. Vest. vys. shkoly 17[i.e.18] no. 5:34-37 My '60.

TURKMENISTAN—CONJUNCTIVITIS, GRANULAR

Improve the quality of treatment of trachoma. Zdrav. Turk. 3 no. 6:41-42 N-D '59.

TURKMENISTAN—DIPHTHERIA

Diphtheria incidence in Turkmenistan and methods of eliminating it. Zdrav. Turk. 3 no 6:43-44 N-D '59.

TURKMENISTAN—ECONOMIC POLICY

Ovezov, Balysh. [Turkmenistan in the seven-year plan] Turkmeniia v semiletke. Moskva, Gospolitizdat, 1959. 38 p.

(MIJ)

TURKMENISTAN—EDUCATION

In the administrative organs of higher and secondary special education of the republics. Vest. vys. shkoly 18 no. 6:87 Je '60.

TURKMENISTAN—FIELD MICE

Occurrence and ecology of the Afghan field vole Microtus (Blanfordimus) afghanus Thomas in southeastern Turkmenistan. O. N. Nurgel'dyev. Izv AN Turk. SSR no. 6. 69-80 '59.

TURKMENISTAN—LEAF BEETLES

Survey of the Galerucinae (Coleoptera, Chrysomelidae) of Turkmenistan L N Medvedev Izv. AN Turk. SSR no 6 116-119 '59.

TURKMENISTAN—OYSTERS, FOSSIL

Some Paleogene oysters from Turkmenistan. O. S. Vialov. Izv AN Turk. SSR no. 6 102-104 '59.

TURKMENISTAN—PALYNOLOGY

Formation of spore and pollen spectra in the deserts of Central Asia E A Mal'gina Trudy Inst geog 77 113-138 '59

TURKMENISTAN—ROCKS—PERMEABILITY

Reservoir properties of Pliocene rocks of the Balkhan Depression in southwestern Turkmenistan L. P. Markova, R. A. Gnatiuk. Izv. AN Turk SSR no. 6.19-27 '59.

TURKMENISTAN—SANATORIUMS

Results of health improvement of children in the sanatoria of the republic. Zdrav. Turk. 3 no 6 42-43 N-D '59.

TURKMENISTAN—TYPHOID FEVER

Experience in typhoid fever control. A. V. Vasil'eva, A. F. Kazak. Zdrav. Turk. 3 no. 6:33-35 N-D '59.

TURKMENISTAN—WATERMELON

Newly discovered habitats of the wild colocynth Citrullus colocynthis (L.) Schrad. in Turkmenistan P Chopanov. Izv. AN Turk. SSR no. 6 108-110 '59

TURKS

"Byzantine sources of Turkic history"; a second revised edition. [in German] by G. Moravcsik. Reviewed by A. P. Kazhdan. Viz. vrem. 16:271-286 '59.

TURNING

Automatization of the primary adjustment in machining on lathes B. V Shaskol'skii, IU G Savkin Trudy MAI no 39:5-28 '59

Mechanical drawing-off of a turning support Mod metallorezh stan. no. 6:6 '59.

Order of establishing categories and types of operations in each Sel' mekh no 1 16-17 '60

Temperature of the surface layer during the machining of steel on lathes V A Zhilin Stan i instr 31 no 2 40-41 F '60

TURNOVER (BUSINESS)

Frozen millions. Znan.-sila 35 no. 2:5 F '60.

TUVA AUTONOMOUS PROVINCE—BRECCIA

Ultrabasic breccia in central Tuva. I. M. Volokhov. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no. 17,99-116 '56.

TUVA AUTONOMOUS PROVINCE—HOLMQUISTITE

Holmquistite from Tuva. N. S. Samsonova. Dokl. AN SSSR 132 no. 4:907-910 Je '60.

TUVA AUTONOMOUS PROVINCE—PINE

Put the pine forests of Tuva into the service of national economy O. V. Volkov Les khoz. 12 no 2:24-26 F '60.

TUVA AUTONOMOUS PROVINCE—REFORESTATION

Role of vertebrates in the Reproduction of deciduous forests in the forest-steppe zone of Tuva. N. F. Reimers. Izv. Sib. otd. AN SSSR no. 12:118-126 '59.

TUVA AUTONOMOUS PROVINCE—ROCKS, IGNEOUS

Basic characteristics of the development of magmatism in Tuva [with summary in English]. T. N. Ivanova. Sov. geol. 2 no. 11 29-44 N '59.

TUVINIAN PHILOLOGY—STUDY AND TEACHING

Among Tuvinian literary scholars. N. Vengrov. Vop. lit. 4 no. 1:249-251 Ja '60.

TWIST DRILLS

Special hard-alloy drills. M. M. Karlinskii. Stan. i instr. 31 no. 1 30-31 Ja '60.

TYACHEV DISTRICT—LOCAL GOVERNMENT

Practice of planning the work of our executive committee of the local soviet of workers' deputies. A. Laboida. Rad pravo no. 6:40-44 N-D '59.

TYASMIN VALLEY—ANTIQUITIES

Archaeological monuments in the vicinity of Bol'shaya Andrusovka village on the Tyasmin River. E V. Maksimov, E. A Petrovskaia. Krat soob. Inst arkheol AN URSR no 8 22-29 '59

TYASMIN VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Archaeological excavations near the Kalantaye and Stetsovka villages on the Tyasmin River in 1956. E F. Pokrovskaia, G T. Kovpanenko. Krat. soob. Inst. arkheol. AN URSR no. 8,30-36 '59

TYASMIN VALLEY—SLAVIC ANTIQUITIES

Slavic settlements in the mouth of the Tyasmin River D T Berezovets Krat. soob Inst arkheol AN URSR no. 8:37-45 '59.

TYM VALLEY—PALEOBOTANY STRATIGRAPHIC

Oligocene flora of the Dunayevskiy Crag on the Tym River in Western Siberia. P. I. Dorofeev. Dokl. AN SSSR 132 no. 3:659-661 My '60.

TYPE AND TYPE FOUNDING

Determining the legibility of new type faces to be used in printing books published in large editions. M. N. Ushakova Sbor trud NIIPOLIGRAFMASH no. 5 250-257 '59

Determining the "type line" in calculating type in the vertical plane. F Sh. Tagirov Sbor trud. NIIPOLIGRAFMASH no 5 229-249 '59

Spirov, N. A. [Designing and making printing types] Proektirovanie i proizvodstvo tipografskikh shriftov. [Moskva] Gos. izd-vo "Iskusstvo," 1959. 701 p.

Studying the process of type breaking in type founding machines L.A Shneerov Sbor trud. NIIPOLIGRAFMASH no. 5:3-23 '59

TYPESETTING

Setting formulas on monotypes. IU. N. Gudilin. Poligr. proizv no 1:28-29 Ja '60

TYPESETTING MACHINES

Codified typewriting and problems in the automation of typesetting. D. I. Pasynkov. Poligr proizv no 1:12-14 Ja '60

TYPHOID FEVER

(see also subdivision under Turkmenistan)

A case of detection of typhoid fever during the incubation period. E. B. Gurvich. Zhur. mikrobiol., epid. i immun. 31 no. 1 140-141 Ja '60.

Comparative study of the reaction of increase in the phage titer and of the bacteriological method in the diagnosis of typhoid fever in patients and convalescents. M. Abdusamatov. Zhur. mikrobiol., epid. i immun. 31 no. 1 23-27 Ja '60.

Hemoculture in mild and obliterated forms of typhoid fever D. N. Zupnik, P P. Mel'nikov Zhur. mikrobiol. epid i immun. 30 no 12 123 D '59

Methods for the reproduction of an experimental carrier condition for typhoid bacteria [with summary in English]. IA. E Timen. Zhur. mikrobiol., epid. i immun. 31 no. 1:101-105 Ja '60.

Peculiarities in the course of typhoid and paratyphoid diseases in children treated with synthomycin. B E. Levin. Zdrav. Belor. 5 no. 1 43-44 Ja '60.

Preparation of Vi diagnosticum [with summary in English]. E. I. Zhitova. Zhur. mikrobiol., epid. i immun. 31 no. 1 34-37 Ja '60.

TYPHOONS see subdivision under Japan

TYRNY-AZU—ORE DRESSING

New flowsheet for refining crude molybdenum concentrates at the Tyrny-Auz Ore-Dressing Plant. V. N. Barabanova, L. K. Kozhemiakina, M. A. Kolpachenko. TSvet. met. 33 no. 1,23-25 Ja '60.

TYROSINE

Incorporation of radiomethionine and radiotyrosine into the brain tissue in single and repeated epileptic seizures induced experimentally [with summary in English]. K. I. Pogodaev, N. F. Turova. Ukr. biokhim. zhur. 31 no. 6:849-858 '59.

TYUMEN' PROVINCE—LOGGING (GEOLOGY)

Direct current long-spread electric logs obtained by the potentiometric method. B. S. Enenshtein. Trudy Inst. fiz. Zem. no. 4:22-43 '59.

UDDER—INNERVATION

Reflex effects from the mammary gland on the digestive apparatus in goats. V. A. Val'dman Fiziol. zhur 45 no 11 1372-1377 N '59.

UFA—BUILDING MATERIALS INDUSTRY

The chief engineer. B. Rubashkin. NTO 2 no. 2:59-60 F '60.

UFA—MUSICAL REVUES, COMEDIES, ETC.

The first Bashkir musical comedy. N. Shumskaia. Sov. muz. 21 no 2:115-119 F '60.

UFA—RADIO CLUBS

We are joining the venture. S. Mavliutov. Radio no. 1:6 Ja '60.

UGLICH RESERVOIR—HYDROLOGY

Elements of the hydrological regimen and water balance of Uglich Reservoir. T. N. Kurdina. Trudy Inst. biol. vodokhran. no. 2:229-245 '59.

UKRAINE—AGRICULTURAL LABORERS

"Let's work and live in the communist way." Reviewed by IA. Chitaniuk. Sov. Ukr. 9 no. 11:178-180 N '59.

UKRAINE—AGRICULTURAL POLICY

Nakhornyi, P. F. [Economic ties and the overcoming of essential differences between city and village] Ekonomichni zv'iazky i podolannia istotnoi vidminnosti mizh mistom i selom. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 63 p.

Ukrainian agriculture in the seven-year plan. S. Kucher. Blok. agit. [Ukr.] no. 3:13-21 Ja '59.

A valuable work on the history of agrarian reforms ("Essays on the history of the revolutionary changes in Ukrainian agricultural relations" by M. A. Rubach Reviewed by V. M. Gubareva). Vest. LGU 15 no. 8: 149-154 '60.

UKRAINE AGRICULTURAL RESEARCH

[illegible]

UKRAINE AGRICULTURE

[illegible]

UKRAINE—EDUCATION (Continued)

Ukraine. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroitel'stva. [Cultural development in the Ukrainian S. S. R.; the most important decisions of the Communist Party and the Soviet Government, 1917-1959; collected documents in two volumes] Kul'turne budivnytstvo v Ukrains'kii RSR, vazhlyvishi rishennia Komunistychnoi partii i Radians'koho uriadu, 1917-1959 rr. Zbirnyk dokumentiv v dvokh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.

Vol. 1 [1917-June 1941] 1917—cherven' 1941 rr. 1959. 880 p.

UKRAINE—EDUCATION, PRESCHOOL

In the Ministry of Culture of the Ukrainian S. S. R. Doshk. vykh. 21 no. 2:43-44 F '60.

Lectures for the personnel of Ukrainian institutions for preschool children. O. Zahrebel'na. Doshk. vykh. 21 no 2:42 F '60.

Let us jointly discuss problems concerning the further development of institutions for preschool children R. Medianyk. Doshk vykh. 21 no 1 4-6 Ja '60.

UKRAINE—EDUCATIONAL RESEARCH

Session on the development of pedagogical science in the Ukrainian S.S.R. V. IU Nikolaienko, A.S Ukr ist. zhur. 4 no.1 146-148 Ja-F '60.

UKRAINE—EFFICIENCY, INDUSTRIAL

Session on new social phenomena. V. U. Pavelko. Ukr. ist. zhur. 4 no.1 155-158 Ja-F '60.

UKRAINE—ELECTIONS

Let's prepare for the elections. Blok. agit. [Ukr.] no. 3:28-34 Ja '59.

Recommended subjects for lectures, reports, and talks relating to elections to the Supreme Soviet of the Ukrainian S S R. and the local soviets of workers' deputies Blok. agit [Ukr] no. 3 47-48 Ja '59

UKRAINE—ENCYCLOPEDIAS AND DICTIONARIES

Ukrainian Soviet Encyclopedia Ogonek 38 no 7 7 F '60

UKRAINE—ENSEMBLES (MUSIC)

The Hutsul Ensemble performs. G. IAshin, Sov. Ukr. 10 no. 1.180-182 Ja '60

UKRAINE—EVAPORATION

Determination of evaporation. N. I. Sinitsyna. Trudy OGMI no. 18:77-84 '59.

UKRAINE—EVENING AND CONTINUATION SCHOOLS

General technical departments in the Ukraine. A. G. Bondar'. Vest. vys. shkoly 17[i. e. 18] no. 5:10-14 My '60.

UKRAINE—EVIDENCE, CRIMINAL

New regulations of the Ministry of Justice of the Ukrainian S S R on procedure in criminal expertise. H Nadhornyi. Rad pravo no 6:112-116 N-D '59

UKRAINE—FARM BUILDINGS

Conference on rural construction. Ekon. stroi. no. 1,65 Ja '60.

For further expansion in the construction of farm buildings in the Ukraine. K. Radin. Ekon. stroi. no. 1:8-17 Ja '60.

In the Ministry of Agriculture of the Ukrainian S. S. R. Sil'. bud 7 no 12:2 of cover D '57

In the Ministry of Agriculture of the Ukrainian S. S. R. Sil'. bud. 10 no. 1:24 Ja '60.

In villages and on collective farms of the Ukraine. Sil'. bud. 10 no. 2 21 F '60

Make an all-out effort to carry out the resolutions of the December Plenum of the Central Committee of the CPSU. Sil'. bud. 10 no. 1 1-2 Ja '60.

Results of the open Ukrainian competition for the best designs. Sil' bud. 10 no. 2 2 of cover F '60.

What's new in building. Sil'. bud 10 no. 2 23 F '60.

UKRAINE—FIRE DEPARTMENTS

First two years. L. Vasil'kovskii. Pozh. delo 6 no. 2:5 F '60.

UKRAINE—FISHES—DISEASES AND PESTS

State and problems of the study of fish diseases in inland waters of the Ukrainian S. S. R. A. P. Markevich, A. K. Shcherbina. Trudy sov. Ikht. kom. no. 9:149-152 '59.

UKRAINE—FORAGE PLANTS

Sowing annual forage crops on stubble in the Carpathian Mountain region and in the forest-steppe of the Ukraine. N. V. Kuksin, S. V. Vegel. Agrobiologiia no 1:79-81 Ja-F '60.

UKRAINE—FORESTS AND FORESTRY

Forests of the Ukraine. P. Pohrebniak. Nauka i zhyttia 8 no. 4 22-26 Ap '58.

UKRAINE—FUNGI

New and little known species of agaric fungi in the Ukraine [with summary in English]. M. IA. Zerova. Ukr. bot. zhur. 16 no. 6:75-82 '59.

New species of parasitic fungi in the Ukraine. H. L. Rozhenko. Ukr. bot. zhur. 16 no. 6:85-86 '59.

UKRAINE—GAS DISTRIBUTION

History of the gas distribution system in the Ukrainian S S R P I Hnyp Nar z ist tekh no 5 54-73 '59

UKRAINE—GEOGRAPHY

"Geography of the Ukrainian S. S. R " by O T. Dibrova. Reviewed by V Havrylıuk, A. Konsevych. Ekon Rad. Ukr no 6 99-100 N-D '59.

UKRAINE—GEOLOGY

Bondarchuk, V. H. [Geology of the Ukraine] Geologiia Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1959 831 p.

UKRAINE—GEOLOGY, STRUCTURAL

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. [Tectonic pattern of the Ukrainian S. S. R. and Moldavian S. S. R., explanatory text to the tectonic map of the Ukrainian S. S. R. and Moldavian S. S. R. made on a 1:750 000 scale] Tektonika terytorii Ukrains'koi RSR ta Moldavs'koi RSR; poiasniuval'na zapyska do tektonichnoi karty Ukrains'koi RSR i Moldavs'koi RSR. Masshtabu 1:750 000. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 217 p.

UKRAINE—GRAIN—FERTILIZERS AND MANURES

Effect of organomineral fertilizer mixtures on grain yields in the Ukrainian steppe region. G. G. Duda. Agrobiologiia no. 1:91-94 Ja-F '60.

UKRAINE—GRAPES—VARIETIES

Developing new grape varieties in the northern Ukraine. I. M. Shaitan, R. F Klicieva Trudy Bot sada AN URSR 6 98-105 '59.

UKRAINE—HISTORY

"Outline of the social and political system in the left-bank Ukraine of the late 17th and early 18th century" by V. A. Dladychenko. Reviewed by Ar. Tkach. Rad. pravo no. 1: 142-145 Ja-F '60.

Ukraine. TSentral'nyi gosudarstvennyi istoricheskii arkhiv. [The labor movement during the new intensification of revolutionary activity in the Ukraine, 1910-1914; collected documents and materials] Rabochee dvizhenie na Ukraine v gody novogo revoliutsionnogo pod"ema, 1910-1914 gg., sbornik dokumentov i materialov. Kiev, Gos. izd-vo polit. lit-ry USSR, 1959. 700 p.

UKRAINE—HISTORY—BIBLIOGRAPHY

Historical studies to be published by the Academy of Sciences of the Ukrainian S.S.R. in 1960. H. A. Ben'kevych. Ukr. ist. zhur. 4 no.1 153-155 Ja-F '60.

UKRAINE—HUMIDITY

Moisture cycle in the atmosphere over the territory of the Ukrainian S. S. R. N. N. Akimovich, E. S. Bolgarova. Trudy OGMI no. 19 3-8 '59.

UKRAINE—HYDROELECTRIC POWER STATIONS

First rural hydroelectric power plants in the Ukraine. V D. Havrylov, M M Matiiko, L S. Khylobochenko. Nar z ist tekh no 5 112-144 '59.

UKRAINE—INDUSTRIES

A book on the history of Ukrainian industry ("Development of Ukrainian industry" by O O. Nesterenko Part 1. Reviewed by D. Virnyk) Ekon Rad Ukr no. 6.96-98 N-D '59

National economy of the Ukrainian S S. R. in the second year of the seven-year plan. A Baranovs'kyi. Ekon Rad. Ukr. no. 6.3-12 N-D '59

Photos that show our growth. Ukraina no 3 2-3 F '60

The seven-year plan for Ukrainian industry. B. Maiboroda. Blok. agit. [Ukr.] no. 3:1-11 Ja '59.

Soviet Ukrainian trade unions in the struggle for socialist industrialization, 1926-1929. M. I. Horlach. Ukr. ist. zhur. 4 no. 1:14-25 Ja-F '60.

To the World Fair. P. Rozenko. Nauka i zhyttia 8 no. 4: 9-13 Ap '58.

UKRAINE—INDUSTRIES, LOCATION OF

Distribution of industrial enterprises in newly built districts on the territory of the Ukrainian S. S. R. D. Bogarad. Stroi. i arkhit. 8 no. 1:11-12 Ja '60.

UKRAINE—INTELLECTUAL LIFE

A multicolored wreath. D Prikordonnyi. Ogonek 38 no 8 20-21 F '60

UKRAINE—JOURNALISM

Artynov, M. M., [Work of newspapers' editorial offices with the masses; based on practices of local and district newspapers in the Ukraine] Masova robota redaktsii hazety; z dosvidu mis'kykh i raionnykh gazet URSR. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 56 p. (Bibliotechka robsil'kora)

UKRAINE—JUSTICE ADMINISTRATION OF

Brief news. Rad. pravo no. 1:146-148 Ja-F '60.

UKRAINE—LABOR AND LABORING CLASSES

Changing social composition of the workers of Ukrainian heavy industry during the second five-year plan. M. V. Biel's'ka. Ukr. ist. zhur. 4 no. 1:46-55 Ja-F '60.

UKRAINE—LABOR COURTS

Various forms of our people's participation in the struggle against crime. IU. Demenkov and others. Rad. pravo no. 6:45-54 N-D '59.

UKRAINE—LAW

Recent legislative enactments. Rad. pravo no. 6:151-155 N-D '59

UKRAINE—LAW—CASES

Decisions of the Supreme Court of the Ukrainian S. S. R. Rad. pravo no. 1:120-126 Ja-F '60.

Decisions of the Supreme Court of the Ukrainian S. S. R Rad. pravo no. 6:137-146 N-D '59

UKRAINE—LAW—PERIODICALS

Brief news. Rad. pravo no. 1:146-148 Ja-F '60.

UKRAINE—LEARNED INSTITUTIONS AND SOCIETIES

The Fourth Congress of the Society for Dissemination of Political and Scientific Knowledge in the Ukrainian S. S R. Nauka i zhyttia 8 no. 11,10 N '58.

UKRAINE—LIBRARIES

Letters to the editor. Sots. kul't. 13 no. 1:42-43 Ja '60.

UKRAINE—LIBRARY EXHIBITS

Propagation of technological knowledge, selected notes. Sots. kul't. 13 no. 1:30-31 Ja '60.

UKRAINE—LIGNITE—THERMAL PROPERTIES

Problem of the thermal stability of lignite found in the Ukrainian S. S. R. L. I. Romaniuk, M. I. Rabinovich. Trudy Inst. topl. AN URSR no. 10:53-57 '53.

UKRAINE—LOCAL GOVERNMENT

In the Supreme Soviets and the Councils of Ministers of the Union Republics. Sov. deput. trud. no. 1 101-102 Ja '60.

UKRAINE—MAPLE

Natural reproduction of maple in oak forests M A Kokhno Trudy Bot. sada AN URSR 6 114-117 '59

UKRAINE—MEDICINE—STUDY AND TEACHING

Development of medical (feldshers) schools in the Ukraine. L. Kh. Dukhin. Vrach. delo no. 12 1329-1331 D '59.

UKRAINE—MOLLUSKS, FOSSIL

Didkovs'kyi, V. IA. [Fossil Peneroplidae from the southwestern part of the Soviet Union] Vykopni Peneroplidy pivdenno-zakhidnoi chastyny Radians'koho Soiuzu. Kiiv, Vyd-vo Akad. nauk Ukr. RSR, 1959. 69 p. (Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii, no. 29)

[MICROFILM]

UKRAINE—MONUMENTS—PRESERVATION

Our people should protect their cultural monuments. H. Kyryliuk. Sots. kul't. 13 no. 1:44-45 Ja '60.

UKRAINE—MOTION PICTURES

Brief news. Mystetstvo 6 no. 6:47 N-D '59.

UKRAINE—MOTORCYCLE RACING

The seven-year plan of the Ukrainian sportsmen. F. Zhmachenko. Za rul. 18 no. 1:1-2 Ja '60.

UKRAINE—MOUNDS

Territory occupied by the Drevlianes according to archaeological data. I. P. Rusanova. Sov. arkheol. 4 no. 1: 63-69 '60.

UKRAINE—MUSIC—INSTRUCTION AND STUDY

Urgent objectives. O. Sokal's'kyi. Mystetstvo 6 no. 6: 8-10 N-D '59.

UKRAINE—NAMES, GEOGRAPHICAL

The First Ukrainian Conference on Toponymics and Onomastics. Urk. mova v shkoli 10 no. 1:92-95 Ja-F '60.

UKRAINE—OAK

Interaction between pine and oak on sandy soils of southern Ukrainian steppes. D. D. Lavrynenko. Nauk. pratsi Vid sil'. hosp. nauk AN URSR no. 2,73-80 '54.

UKRAINE—OPHTHALMOLOGY

Ophthalmology in the western provinces of the Ukraine. A. M. Rodigina. Oft. zhur. 15 no. 1:55-59 '60.

UKRAINE—PAINTINGS—EXHIBITIONS

At the exhibitions of pictorial art. Mystetstvo 6 no. 4: 45-46 Jl-Ag '59.

UKRAINE—PAINTINGS—PRIVATE COLLECTIONS

Treasures of Ukrainian art. L. Popova. Mystetstvo 6 no. 4:40-42 Jl-Ag '59.

UKRAINE—PARASITES

Diseases of lavarets and fishes of the Amur River observed on pond fish farms of the Ukrainian S. S. R. A. M. Lopukhina. Trudy sov. Ikht. kom. no. 9.110-113 '59.

Natural bodies of water as sources of parasites infesting pond fish (according to data from western provinces of the Ukrainian S. S. R.). O. P. Kulakovskaia. Trudy sov. Ikht. kom. no. 9:65-68 '59.

UKRAINE—PASTURES AND MEADOWS

Improving grasslands of the southern Ukraine I O Prokhorov Kolh Ukr 7 no 2 28 F '60.

UKRAINE—PEASANTRY

Leshchenko, M N [Peasants' movement in the Ukraine in connection with the execution of the reform of 1861, the 1860's] Krest'ianskoe dvizhenie na Ukraine v sviazi s provedeniem reformy 1861 goda, 60-e gody XIX st. Kiev, Izd-vo Akad. nauk USSR, 1959 521 p.
(CU)

UKRAINE—PINE

Interaction between pine and oak on sandy soils of southern Ukrainian steppes D. D. Lavrynenko. Nauk pratsi Vid sil' hosp nauk AN URSR no 2:73-80 '54

UKRAINE—PLANTS, CULTIVATED

Brief results of the Department of Cultivated Plants of the Botanical Garden of the Ukrainian Academy of Sciences I. O Dryha Trudy Bot sada AN URSR 6 130-139 '59

UKRAINE—POPLAR

Cultivation practices for establishing poplar plantations in the Ukrainian forest-steppe region and Polesye, H I Red'ko Visnyk sil' hosp. nauky 3 no. 2 53-58 F '59

UKRAINE—POPULATION

Population of the Ukraine in the 17th century. O.S.Kompan Ukr.ist.zhur. 4 no 1·65-71 Ja-F '60.

UKRAINE—POULTRY

Development of poultry farming. M.Dakhnovs'kyi, O.Osadchuk Nauka i zhyttia 8 no 4·27-29 Ap '58.

UKRAINE—POWER ENGINEERING

Meeting on adoption of gas turbines and steam-gas cycle in the power engineering of the Ukraine. D. P Gokhshtein Teploenergetika 7 no 2:90-92 F '60

UKRAINE—PRAVDA

Dobrovol's'kyi, L. H. [The newspaper "Pravda" and the workers' movement in the Ukraine from 1912 to 1914] Gazeta "Pravda" i robitnychyi rukh na Ukraini v 1912-1914 rr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 109 p.

UKRAINE—PRECIPITATION (METEOROLOGY)

Secular variation of precipitation in the steppe of the Black Sea region. E. V. Golub. Trudy OGMI no. 19:23-30 '59

UKRAINE—PUBLIC HEALTH

Brief news. ' Vrach. delo no. 12:1341-1342 D '59.

UKRAINE—PUBLISHERS AND PUBLISHING

Publication and circulation of V. I. Lenin's works in the Ukraine. P. Smorhun. Komm. Ukr. 35 no. 1,62-68 Ja '60.

UKRAINE—QUARRIES AND QUARRYING

A school of advanced practices is visiting quarries and gravel plants. K. Besskit. Stroi. i arkhit. 8 no. 1:24 Ja '60.

UKRAINE—QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

Let's mechanize operations in quarries serving several collective farms. I. Shvachko. Sil'. bud. 10 no. 1:16-17 Ja '60.

UKRAINE—RELATIONS (GENERAL) WITH ARMENIA

Historical ties of the Ukrainian and Armenian peoples. V. K Voskanian, V. V. Hrabovets'kyi, I. I. Slyn'ko. Ukr. ist. zhur. 4 no. 1:143-145 Ja-F '60.

UKRAINE—RELATIONS (GENERAL) WITH EUROPE, EASTERN

Close unity of fraternal cultures. M. Ivanyts'kyi. Nauka i zhyttia 8 no. 11·55-58 N '58.

UKRAINE—RELATIONS (GENERAL) WITH HUNGARY

"Baratsag" means friendship. G. IAkovenko. Sov. Ukr. 10 no. 1:176-177 Ja '60.

Friendly meetings Ukraina no. 1 5 Ja '60.

UKRAINE—REPTILES

[Fauna of the Ukraine in forty volumes] Fauna Ukrainy; v soroka tomakh. Red. kol. I. D. Binanova'kyi i dr. Kyiv, Vyd-vo Akad. nauk URSR.
Vol. 7. Tarashchuk, V. I. [Amphibians and reptiles] Zemnovodni ta plazuny. 1959. 245 p.

UKRAINE—REVOLUTION, 1917-1921

Inspiring documents. Komm. Ukr. 35 no. 2:35-40 F '60.

Momentous orders of our leader. H. M. Shevchuk. Ukraina no 1·12 Ja '60.

UKRAINE—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

The people of Turbay; conclusion. St. Raksha; as told to E. Gerasimov. Novyi mir 35 no. 12:157 D '59.

The people of Turbay. St. Raksha as told to E. Gerasimov. (to be continued). Novyi mir 35 no. 11:77 N '59.

UKRAINE—ROAD MATERIALS

Technical and economic indices of using soft rock materials in road construction in the Ukrainian S S R A. I. Bondarenko Avt dor 23 no 2·5-7 F '60

UKRAINE—ROSES

Roses for acclimatization in the Ukraine L. P. Lempits'kyi Trudy Bot sada AN URSR 6 55-76 '59

UKRAINE—SAND AND GRAVEL PLANTS

A school of advanced practices is visiting quarries and gravel plants. K. Besskit. Stroi. i arkhit. 8 no. 1·24 Ja '60.

UKRAINE—SANITARY CHEMISTRY

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach. delo no. 12:1337-1338 D '59.

UKRAINE—SCIENCE—HISTORIOGRAPHY

Establishment of the Ukrainian branch of the Soviet National Union of Historians of Natural Science and Technology. IU. A. Anisimov. Vop ist. est i tekh. no. 7·189-191 '59

UKRAINE—SHEEP

Distribution and specialization of fine-wool sheep raising in the southern Ukraine. F L. Poznokayrin Visnyk sil' hosp nauky 3 no 2 13-18 F '60.

UKRAINE—SOCIAL CONDITIONS

Flourish, my land! (travel notes). Pavlo Khodchenko. Sov. Ukr. 10 no 1 121-137 Ja '60.

UKRAINE—SOCIAL GROUP WORK

Letters to the editor. Sots. kul't. 13 no. 1:42-43 Ja '60.

UKRAINE—SOCIAL GROUP WORK—PERIODICALS

Cordial meeting. Sots. kul't. 13 no. 1·23 Ja '60.

UKRAINE—SOLAR RADIATION

Radiation and heat balance in the steppe of the Black Sea region. T. E. Gagarina. Trudy OGMI no. 19:9-21 '59.

UKRAINE—STOCK AND STOCKBREEDING

Potential means for reducing the cost of livestock products on the state farms of the Ukrainian S. S. R. M Popov Ekon. Rad Ukr no. 6 22-26 N-D '59

UKRAINE—STONE AGE

K. Maevskii's remarks on the "Notes about the plastic art of Tripol'ye." S. N. Bibikov. Sov. arkheol. 4 no. 1· 316-319 '60.

UKRAINE—SUGAR INDUSTRY

Successful operation of sugar factories in the Ukraine. Sakh. prom. 34 no. 1:59 Ja '60.

Ways of developing the sugar industry of the Ukraine. L. I. Rozhinskii. Sakh prom. 34 no. 2 3-5 F '60.

UKRAINE—TEACHERS

Concern for teachers is an important task of trade-union organizations Z. S. Nechyporuk Rad. shkola 39 no 1. 9-14 Ja '60.

UKRAINE—THEATER

Actors and the audience. Z. D'iakonova, V. Tolstykh. Mystetstvo 6 no. 4,26-27 Jl-Ag '59.

Aesthetic training and the theater. H. Kucherenko. Mystetstvo 6 no. 4·23-25 Jl-Ag '59.

Creative cooperation of friends. V. Potanin. Mystetstvo 6 no. 4·36 Jl-Ag '59.

Friedrich Schiller and the Soviet Ukrainian theater. V. Khorol. Mystetstvo 6 no. 6:42-44 N-D '59.

The Great October Revolution and our theater. V. Kozlenko. Mystetstvo 6 no. 6:4-5 N-D '59.

History of the Soviet Ukrainian theater ("The Ukrainian dramatic theater " Book review) Mystetstvo 6 no. 4: 4-8 Jl-Ag '59.

Let's keep in step with life. Mystetstvo 6 no. 6:2-3 N-D '59.

Praiseworthy performances. M. Iosypenko. Mystetstvo 6 no. 6:33-38 N-D '59.

"Shakespeare on the Ukrainian stage"; an essay by I. Vanina. Reviewed by N. Antonova. Sov. Ukr. 9 no. 7:169-171 Jl '59.

Some remarks about our repertoire. V. Prozhohin. Mystetstvo 6 no. 4:21-23 Jl-Ag '59.

Two "pathetic sonatas." V. Hakkebush. Mystetstvo 6 no. 4:30-32 Jl-Ag '59.

UKRAINE—TRADE UNIONS

Soviet Ukrainian trade unions in the struggle for socialist industrialization, 1926-1929. M. I. Horlach. Ukr. ist. zhur. 4 no. 1:14-25 Ja-F '60.

UKRAINE—TRANSPORTATION

New phase in the development of transportation and communication. T. Studennikov. Blok. agit. [Ukr.] no. 3,22-27 Ja '59.

UKRAINE—TRANSPORTATION, AUTOMOTIVE

Speed the promotion of advanced innovations N. Gorelov. Avt transp. 38 no 1 10-11 Ja '60

UKRAINE—VEGETABLES—STORAGE

Designing warehouses for vegetables in the Ukraine. A. Vyshchepan. Sov. torg. 33 no. 2·15-19 F '60.

UKRAINE—WATER, UNDERGROUND

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk [Problems in studying underground waters of the Ukrainian S. S. R.] Pytannia vyvchennia pidzemnykh vod Ukrains'koi RSR. Kyiv, 1959. 162 p.

UKRAINE—WATER SUPPLY, RURAL

Speeding up mechanization of water supply on livestock farms of collective and state farms. M. Kobak, P. Andriianov Sil'. bud. 10 no. 1:3-4 Ja '60.

UKRAINE—WATER SUPPLY ENGINEERING—HYGIENIC ASPECTS

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach. delo no. 12·1337-1338 D '59.

UKRAINE—WINDS

Synoptic conditions resulting in strong winds in the Ukraine O. I. Dombrovskaia Trudy UkrNIGMI no 10 3-14 '59

UKRAINE—WORLD WAR, 1939-1945

Belkin, I. M. [Thirteenth Army in the Lutsk-Rovensk Operation, 1944] 13-ia armiia v Lutsko-Rovenskoi operatsii 1944 g. Moskva, Voen. Izd-vo M-va obor SSSR, 1960. 157 p

Conference on the history of the CPSU during the Great Patriotic War. N. IU. Kostrytsia, M. T. Bortnichuk. Ukr. ist. zhur. 4 no. 1:138-142 Ja-F '60.

UKRAINE, WESTERN—ECONOMIC CONDITIONS

In the family of fraternal peoples. V. Zalchuk. Rad. pravo no. 6·9-17 N-D '59.

Zadorozhnyi, V. K., and M. M. Palamarchuk. [Achievements in the economic development of the western provinces of the Ukrainian S. S. R.] Uspikhy ekonomichnoho rozvytku zakhidnykh oblastey Ukrains'koi RSR. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1960. 171 p.

UKRAINE, WESTERN—HEALTH RESORTS, WATERING PLACES, ETC.

Hlukhen'kyi, T. T., ed. [Health resorts in the western provinces of the Ukraine] Kurorty zakhidnykh oblastei Ukrainy. Kyiv, Derzh. med. vyd-vo URSR, 1959. 230 p.

UKRAINE, WESTERN—HISTORIOGRAPHY

Struggle for social liberation and reunification with the Soviet Ukraine. I. I. Kompaniiets'. Ukr. ist. zhur. 4 no. 1 102-109 Ja-F '60.

UKRAINE, WESTERN—HISTORY

In the family of fraternal peoples. V. Zalchuk. Rad. pravo no. 6:9-17 N-D '59.

Kravets', M. M. [Studies on the West Ukrainian labor movement in 1921-1939] Narysy robitnychoho rukhu v Zakhidnii Ukraini v 1921-1939 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 233 p.

UKRAINE, WESTERN—UNIVERSITIES AND COLLEGES

Development of the institutions of higher education in West Ukrainian provinces during Soviet rule. R. P. Rostikus. Rad. shk. 39 no. 2:86-89 F '60.

UKRAINIAN ART see Art, Ukrainian

UKRAINIAN ARTISTS see Artists, Ukrainian

UKRAINIAN LANGUAGE

Answering our readers' questions. Ukr. mova v shkoli 10 no. 1:70-72 Ja-F '60.

UKRAINIAN LANGUAGE—ADJECTIVE

Degrees of comparison of Ukrainian adjectives. IU. O. Karpenko. Ukr. mova v shkoli 10 no. 1·7-13 Ja-F '60.

Short forms of adjectives in the Ukrainian language. I. O. Kryzhanivs'ka. Ukr. mova v shkoli 10 no. 1:13-19 Ja-F '60.

Substantivization of adjectives in the Ukrainian language. M. V. Leonova. Ukr. mova v shkoli 10 no. 1:20-25 Ja-F '60.

UKRAINIAN LANGUAGE—COMPOSITION AND EXERCISES

Written description of paintings. P. D. Lebedynets'. Ukr. mova v shkoli 10 no. 1:51-53 Ja-F '60.

UKRAINIAN LANGUAGE—DIALECTS

"Dialects of the western part of Drogobych Province" by IA. O. Pura. Part I. Reviewed by I. H. Matviias. Ukr. mova v shkoli 10 no. 1:83-86 Ja-F '60.

UKRAINIAN LANGUAGE—GRAMMAR

Entertaining grammatical materials for home studies. A. IU. Hurevych. Ukr. mova v shkoli 10 no. 1:40-44 Ja-F '60.

UKRAINIAN LANGUAGE—NAME

Interpretation of the name of the "Ukrainian language." M. K. Boichuk. Ukr. mova v shkoli 10 no. 1:63-68 Ja-F '60.

UKRAINIAN LANGUAGE—ORTHOGRAPHY

"Collection of dictations for elementary schools" by Z. A. Zholdakova. Reviewed by M. A. Semenchenko. Ukr. mova v shkoli 10 no. 1:73-74 Ja-F '60.

UKRAINIAN LANGUAGE—PREPOSITIONS

Studying prepositions in eight-year schools. O.A. Petrovs'ka. Ukr. mova v shkoli 10 no.1·36-39 Ja-F '60.

UKRAINIAN LANGUAGE—STUDY AND TEACHING

Baudoin de Courtenay and the Ukrainian language. P.D. Tymoshenko. Ukr. mova v shkoli 10 no.1 30-35 Ja-F '60.

Beloded, I.K., V.I. Borkovskii, and P.I. Goretskii. [Study of the Ukrainian and White Russian languages] Izuchenie ukrainskogo i belorusskogo iazykov. Moskva, In-t iazykoznaniia Akad. nauk, 1958. 173 p. (Seriia: Istoriia otechestvennogo iazykoznaniia, no.1)
(MH)

Developing the writing of third-grade pupils. S.H. Reutova. Ukr. mova v shkoli 10 no.1 53-58 Ja-F '60.

Studying prepositions in eight-year schools. O.A. Petrovs'ka. Ukr. mova v shkoli 10 no.1 36-39 Ja-F '60

Translation and written exhibition in the fifth grade. O.F. Tesila. Ukr mova v shkoli 10 no.1·49-50 Ja-F '60.

Translation classes. P.IA. Puzyrenko. Ukr. mova v shkoli 10 no.1·45-48 Ja-F '60.

What are the "slips of the pen?" O.M. Bieliaiev. Ukr. mova v shkoli 10 no 1 68-70 Ja-F '60.

UKRAINIAN LANGUAGE—SYNTAX

"Studies on Ukrainian syntax" by M. Maidans'kyi. Ukr. mova v shkoli 10 no 1·74-83 Ja-F '60.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM (see also subdivision under Slovakia)

Khetagurov and the Ukraine, concerning aspects of the relationship between Ukrainian and Ossetic literature. Ivan Lutsenko. Izv. Sev.-Oset nauch.-issl. inst. 21 no.3·39-85 '59

Maiakovskii and Ukrainian literature ("Maiakovskii and the Ukraine", collected articles. Reviewed by O Semenovskii). Sov Ukr 9 no.9 176-178 S '59.

Making a hero. Paola Utevskaia Sov. Ukr. 9 no. 8·144-150 Ag '59.

Yearbook of Ukrainian literary studies and criticism ("A study of Soviet Ukrainian literature." Vol.4. Reviewed by M Parkhomenko). Vop. lit. 4 no.1:201-210 Ja '60

UKRAINIAN MUSIC see Music, Ukrainian

UKRAINIAN OPERA see Opera, Ukrainian

UKRAINIAN POETRY—COLLECTIONS

[Anthology of Ukrainian poetry] Antologiia ukrainskoi poezii. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 2 v.
(CU)

UKRAINIAN POETRY—HISTORY AND CRITICISM

Lyricism in poety("The modern lyric-epic poem" by Viktor Ivanisenko. Reviewed by IU. Surovtsev). Vop. lit. no 2·203-210 F '60.

UKRAINIAN PRIMERS see Primers, Ukrainian

ULANOVA, GALINA SERGEEVNA, 1910-—BIBLIOGRAPHY see Bibliography—Ulanova, Galina Sergeevna, 1910-

UL'IANOV, PETR MARTYNOVYCH, 1899-

In the workshop of a Ukrainian sculptor. Nikolai Lukash. Sov. Ukr 9 no 11 184-187 N '59.

ULTRASONIC TESTING

Developing visible images of the cross sections of welds in ultrasonic flaw detection A.K. Gurvich. Zav lab. 26 no.1 64-68 '60.

ULTRASONIC WAVES

Application of the ultrasonic method to the determination of the component concentrations in polyethylene - polypropylene mixtures and ethylene - propylene copolymers [with summary in English] S P. Kabin, P G Us'iarov. Vysokom soed 2 no 1·46-50 Ja '60

Creating periodic structures by means of ultrasound. E.M. Gershenzon. Uch. zap. MGPI 138:185-195 '58.

Destruction of polyacrylonitrile by the action of an ultrasonic field [with summary in English]. B.E. Geller and others Vysokom. soed. 1 no.11·1610-1616 N '59.

Effect of ultrasound on the processes of crystallization and solution. A.P. Kapustin. Uch. zap. MGPI 138·115-123 '58.

Fountain on a table. P. Petrova. Znan. sila 35 no.1·7 Ja '60.

Krasil'nikov, V.A. [Sonic and ultrasonic waves in air, water, and solid bodies] zvukovye i ul'trazvukovye volny v vozdukhe, vode i tverdykh telakh. Izd. 3., perer. i dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 560 p.

Studies in the mechanochemistry of polymers. Part 8: Degradation of polydimethylsiloxane by ultrasonic waves [with summary in English]. A.A. Berlin, A M. Dubinskaia. Vysokom. soed. 1 no.11.1678-1684 N '59.

Ultrasound and food. V. Butenko, L. Zaitseva. Obshchestv. pit. no.2·52-54 F '60.

Velocity of ultrasonic wave propagation in aqueous solutions of phenol [with summary in English]. A A Berkengeim Zhur. fiz. khim. 34 no 1 105-107 Ja '60.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Can ultrasonic testing be used in evaluating the strength of concrete S S Gordon, I V. Zashchuk, G F Nadareishvili Avt dor 23 no 2·13-15 F '60

Effect of ultrasonic waves on the crystallization of the weld bath in automatic welding. V A Lebiga. Avtom. svar 13 no.1 21-26 Ja '60

Effect of ultrasonic waves on weld seam crystallization in electric slag welding A.A. Erokhin, G F. Balandin, V D. Kodolov. Avtom svar. 13 no 1 15-20 Ja '60.

Fastening oscillation devices in heads of ultrasonic machine tools V IU Veroman Stan i instr 31 no 2 13-15 F '60

Influence of ultrasound on the anodic formation of lead dioxide F I Kukoz, M F. Skatozubov Zhur prikl khim 33 no 1·177-181 Ja '60

Ultrasonic vision. Sh. Achkinadze. IUn. tekh. 4 no.1·52-53 Ja '60.

Use of ultrasonic waves for the preparation of emulsions A G Lifshits Tekst prom 20 no 1 52-56 Ja '60

Use of ultrasound in the control of scale formation in evaporators. M.L. Vaisman, V.P. Troino, V.M. Pertsel'. Sakh. prom. 34 no.1,36-39 Ja '60.

Using ultrasonic methods in testing the quality of concrete A.K. Tret'iakov, A.M. Filonidov. Gidr. stroi. 30 no.2 48-50 F '60.

ULTRASONIC WAVES—MEASUREMENT

Simple pulse unit for measuring velocities and absorption of ultrasonic waves in liquids G N Feofanov Izv. vys ucheb zav, prib. no 4 57-62 '59.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Effect of ultrasonic vibrations on the blood [with summary in English] M.I. Hurevich, M F. Syrotina Fiziol zhur [Ukr] 6 no 1 73-78 J-F '60

Harmful effect of ultrasound on animal tissues and organs [with summary in English] N.P. Dmitrieva. Zhur ob biol. 21 no.1:69-71 Ja-F '60.

ULTRASONICS

Unit measuring the velocity and absorption of ultrasound in molten materials at high temperatures M.V. Bessonov Zav lab. 26 no 1 103-106 '60.

ULTRASONICS—MEASUREMENT

New calorimetric method for measuring the absolute intensity of ultrasound I G Mikhailov, V.A Shutilov. Izv. vys ucheb zav, prib. no 4 130-136 '59

ULTRAVIOLET RAYS

Electronic paramagnetic resonance spectrum of a free radical formed by irradiating H_2O_2 with ultraviolet light. S.D. Kaitmazov, A.M. Prokhorov. Zhur. fiz. khim. 34 no.1 227-228 Ja '60.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Changes in cells induced by ultraviolet rays [with summary in English]. L.F. Bazhukova. Trudy LSGMI 43:146-157 '59.

Diagnostic significance of ultraviolet erythema in diseases of the central nervous system. L Nikolova-Trogva Vop. kur, fizioter i lech. fiz. kul't. 25 no.1 47-49 '60.

Influence of natural ultraviolet radiation on the bacterial aeroplankton of the air [with summary in English]. IA.G. Kishko. Gig. i san. 25 no.1:11-15 Ja '60.

Method of bacteriological control in ultraviolet disinfection of the air. N.M. Kharadze. Gig. i san 25 no.1: 90-93 Ja '60.

Observations on ultraviolet erythema in epilepsy. A.A. Belugin. Vop. kur., fizioter. i lech. fiz. kul't. 25 no 1 43-47 '60.

Phosphorus metabolism in the T-1 variant of Aspergillus niger obtained by ultraviolet irradiation. Report No.1: Cultural and biochemical differences between the original and experimentally obtained strains [with summary in English]. Sung Hung-Yu. Mikrobiologiia 29 no.1: 8-13 Ja-F '60.

Relation between the local and total-body reaction in ultraviolet irradiation with different wave lengths [with summary in English]. I A. Vorob'eva (Mkrtych'ian). Zhur. ob. biol. 21 no 1:71-73 Ja-F '60.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Zonal ultraviolet erythemotherapy in dermatology. M.A. Shteinberg and others. Sov. med. 24 no.1:134-135 Ja '60.

UL'YAKAN (CHITA PROVINCE)—MINERAL WATERS

Dynamics of the lability of the motor neuron in healthy and ill persons following the consumption of Ul'yakan mineral water. I.D. Boenko. Vop. kur., fizioter. i lech fiz. kul't. 25 no.1 16-20 '60.

UL'YANOVKA DISTRICT—KINDERGARTEN

Patrons tell their story. Doshk. vykh. 21 no.2:47 F '60.

UL'YANOVSK—FACTORIES—DESIGN AND CONSTRUCTION

Precast reinforced concrete multistoried industrial buildings B.I Karpukhov. Prom. stroi. 38 no 1:46-47 '60

UL'YANOVSK DISTRICT—FARM BUILDINGS

We are constructing high-quality low-cost buildings P Semeniuk Sil'. bud 10 no 2 24 F '60

UMBILICUS—HERNIA

Embryonic hernia of the umbilical cord. M.A. IUnko. Fel'd. i akush. 25 no.2:33-35 F '60.

UNDERDEVELOPED AREAS

The day will come [with English summary in insert] V Kumar Sovr. Vost no 5 40 My '60

The West confronted by the dilemma of aid. G. Starushenko Sovr. Vost no 5 3-4 My '60

UNDERSTANDING see Comprehension

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC—ECONOMIC ASSISTANCE, AMERICAN

In Cairo. IU. Bochkarev. Nov. vrem 18 no.7:25-27 F '60

UNITED ARAB REPUBLIC—ECONOMIC CONDITIONS

In Cairo. IU. Bochkarev. Nov. vrem. 18 no.7·25-27 F '60.

UNITED ARAB REPUBLIC—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Much ado about nothing. Nov. vrem. 18 no.7·24 F '60

UNITED NATIONS—COMMISSIONS

Work of the Trade Committee of the United Nations Economic Commission for Asia and the Far East [with English summary in appendix]. V Gorlunov. Vnesh. torg. 30 no.5:26-30 '60.

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION

Negin, M. [United Nations Educational Scientific and Cultural Organization (UNESCO)] Organizatsiia Ob"edinennykh Natsii po voprosam prosveshcheniia, nauki i kul'tury (IUNESKO). Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1959. 106 p. (Mezhdunarodnye organizatsii)

UNITED STATES—ACCOUNTING

Problems which interest accounting representatives in the U.S.A N. Veitsman Bukhg uchet 17 no 2 77-79 F '60.

UNITED STATES—ATOMIC POWER

Onushkin, V.G. [Imperialist nature of "the atomic program" of the U.S.A.] Imperialisticheskaia sushchnost' "atomnoi programmy" SShA. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 45 p.

UNITED STATES—ATOMIC WEAPONS—TESTING

Movement in the United States against renewal of atomic tests. V zashch. mira no.103.16-17 D '59.

UNITED STATES—BOILER MAKERS

Some data pertaining to specialization of American boiler firms. N.V. Golovanov. Energomashinostroenie 6 no.2:46-48 F '60.

UNITED STATES—BORING MACHINERY

Graf, L.E. [New equipment for test drilling used in foreign countries] Novosti tekhniki geologorazvedochnogo bureniia za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1959. 21 p.

UNITED STATES—BUILDING MACHINERY

Abroad Stroitel' no.2,28-29 F '60.

UNITED STATES—BUILDINGS

Using air supported elements in construction. M.A. Plakida. Nov. tekh. mont. i spets. rab. v stroi. 22 no.1:29-31 Ja '60.

UNITED STATES—CHIMNEYS

Using gunite in building chimneys. L.F. IAnkelev. Prom. stroi. 38 no.1·56-58 '60.

UNITED STATES—CIVIL RIGHTS

Books in defense of democracy. G. Zlobin. Inostr. lit. no.12:206-210 D '59.

UNITED STATES—COKE

Consumption of coke in the U.S.A. Koks i khim. no.2: 63-64 '60.

UNITED STATES—COMMUNIST PARTY—CONGRESSES

The 17th National Congress of the Communist Party of the U.S.A. N. Drynina. Komm. Mold. 5 no.2·54-61 F '60

UNITED STATES—CULTURE

Semevskii, B.N. [The U.S.A. today; personal impressions] SShA segodnia; lichnye vpechatleniia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 41 p.

UNITED STATES [illegible]
[illegible]

UNITED STATES [illegible]
[illegible]

UNITED STATES—FOREIGN RELATIONS—GREAT BRITAIN
[illegible]

UNITED STATES—FOREIGN RELATIONS—INDIA
[illegible]

UNITED STATES—FOREIGN RELATIONS—JAPAN
[illegible]

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA
[illegible]

UNITED STATES [illegible]
[illegible]

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

American scientist on the development of scientific contacts. K. V. Frolov. Vest.vys.shkoly 17[i.e.18] no.5 75-76 My '60.

Development of tourist contacts between the U.S.S.R. and the United States. V. Boldin. Vnesh.torg. 30 no.5 30 '60.

The film is a symbol of friendship. Kul't.i zhizn' 4 no.1:60 '60.

Most important problem of our day. B. Leont'ev. [illegible] no.11:19 '59.

To live in peace and friendship. Kul't.-prosv.rab. 20 no.12:5-7 D '59.

"We should meet more often." Sov.Soiuz no.8:6-7 '59.

UNITED STATES—RELIGION

Free thought in the U.S.A. N.G. Nauka i rel. no.1:93-95 D '59.

God and business. [illegible] Lazov. Nauka i rel. no.1:47-50 Ja '60.

UNITED STATES—RESEARCH, INDUSTRIAL

Current features of scientific and technological progress in the U.S.A. V.G.[illegible]. [illegible] 92-119 '59.

UNITED STATES—ROAD CONSTRUCTION

"Critical period" in U.S. road construction. Za rul. 18 no.1:31 Ja '60.

UNITED STATES—ROLLING (METALWORK)

Sheet metal rolling in the United States. I. V. M. Pinkusov. Stal' 20 no.2:139-140 F '60.

UNITED STATES—SHAFT SINKING

Mechanized rectangular cross section shaft sinking in the United States (from "Engineering and Mining Journal," no.11, 1958, "Mining World," no.13, 1958, "Mines Magazine," no.4, 1958). N.N.[illegible], [illegible]. Shakht.stroi. no.1:27-29 Ja '60.

UNITED STATES—SOCIAL CONDITIONS

Czech writer on America ("Indian Summer" by I. Askenazy. Reviewed by I. Bernshtein). Novyi mir 35 no.11 265-267 N '59.

Nikolaev, V.D. [America in its true colors] Amerika bez reklamy. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 110 p.

UNITED STATES—STEEL INDUSTRY—STATISTICS

Applying mathematical statistics to ferrous metallurgy, review of foreign literature. P.V.[illegible]. Vest.stat. [illegible] '59.

UNITED STATES—SUBVERSIVE ACTIVITIES

Books in defense of democracy. G. [illegible]. Inostr.lit. no.12:209-210 D '59.

UNITED STATES—TALL OIL

New process of refining tall oil in the U.S.A. F.N.[illegible]. [illegible] '60.

UNITED STATES—TECHNICAL EDUCATION

Higher technical education in the U.S.A. N.P.Bogoroditskii. Elektrichestvo no.1:89-90 Ja '60.

UNITED STATES—TELEVISION PROGRAMS

Scandal around television quizzes in America. [illegible] Buchanan. Vest.sviazi [illegible].

UNITED STATES—TRADE UNIONS

A.F.L.-C.I.O. reactionary leaders against peaceful coexistence. D.IA.Mikhailov. Nov.i noveish.ist. no.1:124-130 '60.

UNITED STATES—WAR—ECONOMIC ASPECTS

General disarmament and economics. S.Strumilin. Novyi mir 36 no.3:170-186 Mr '60.

UNITS—STANDARDS

State standards for units of physical values. G.D.Burdun. Izm.tekh. no.1:5-10 Ja '60.

UNIVERSE see Cosmography

UNIVERSITIES AND COLLEGES

(see also subdivision under Kiev; Leipzig, Sverdlovsk, Ukraine, Western)

Present-day institutions of higher education, a talk with V. P. Elutin, the minister of higher and secondary education of the U.S.S.R. Mol.komm. no.1:29-33 Ja '60.

A problem of national importance. N.[illegible]. Nauka i zhyttia 9 no.11:1-5 N '59.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

Ezhov, V.A., IU.D.Margolis, and S.L.Peshtich. [How to prepare for entrance examinations to institutions of higher learning, history of the U.S.S.R.] Kak gotovit'sia k priemnym ekzamenam v vuz, istoriia SSSR. Pod red. V.V.Mavrodina. Izd.2., perer. i dop. [Leningrad] Izd-vo Leningr.univ., 1960. 125 p.

[illegible] REGION (UZBEK [illegible])—MOLYBDENUM ORES

[illegible]

[illegible] REGION (UZBEK [illegible])—TUNGSTEN ORES

[illegible]

UNSATURATED COMPOUNDS

[illegible]

URACIL

[illegible]

URAL MOUNTAIN REGION—CITY PLANNING

Shortcomings in planning cities [illegible] plants in the Urals. [illegible]

URAL MOUNTAIN REGION—[illegible]

[illegible]

URAL MOUNTAIN REGION—METALLURGICAL RESEARCH

[illegible]

URAL MOUNTAIN REGION—MINERAL [illegible]

[illegible] 104-107 '59.

URAL MOUNTAIN REGION—RAILROADS

In the [illegible] of the southern Urals. [illegible] Put' i put.khoz. 4 no.3:10 Mr '60.

URAL MOUNTAIN REGION—RAILROADS—[illegible]

Track [illegible] Put' i put.khoz. [illegible]

URAL MOUNTAINS—[illegible]

Development of [illegible] of the southern Urals. [illegible] AN [illegible] 132 no.4:[illegible]

URAL MOUNTAINS—COAL MINES AND MINING

Use of hydraulic coal mining in Ural [illegible] I.N.[illegible]. [illegible] '59.

URAL MOUNTAINS—COPPER MINES AND MINING

Increasing the efficiency of [illegible] copper [illegible] '59.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Devonian and Silurian stratigraphy of the Mag[illegible] synclinore [with summary in English]. [illegible] Sov.geol. 2 no.11:[illegible] N '59.

URAL MOUNTAINS—MINES AND MINERAL RESOURCES

Ural ores. [illegible] '60.

URAL MOUNTAINS—OIL FIELDS

New oil fields in the southern Urals. [illegible]

URAL MOUNTAINS—SULFIDES

Characteristics of the use of hydrochemical methods in prospecting for sulfide deposits in the Central Urals. A.S.Verashinin. Trudy Sverd.gor.inst. no.34:102-142 '59.

URAL VALLEY—COSSACKS

Class struggle [illegible] the peasant war of 1773-1775. A.I.[illegible] no.1:141-150 Ja [illegible]

URAL VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Microfauna of Pliocene deposits in the lower [illegible] Ural River. G.I.Karmishina. Dokl.AN SSSR 132 no.4:935-938 Je '60.

[illegible] COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[illegible]

[illegible]—EQUIPMENT AND SUPPLIES

[illegible]

[illegible]

[illegible] elements, [illegible]

[illegible]

[illegible] [with [illegible] radioactivity [illegible]

[illegible]—ANALYSIS

[illegible] titration [illegible] 101-107 Ja-F [illegible] written by [illegible] in English]. [illegible] Zhur. [illegible]

[illegible]

[illegible] A.[illegible], V.N.[illegible] accompanying [illegible] and others [illegible] '59.

[illegible]

[illegible] V.A.[illegible]

[illegible]

[illegible] as an indi-[illegible] direction [illegible] A.H.Verabl-[illegible] '59.

[illegible]

[illegible] A.M.[illegible]

[illegible]

[illegible] of uranyl [illegible] chemistry in [illegible] G.A. [illegible] 81 Ja F '60

[illegible]

[illegible] V.M. [illegible]

[illegible]

[illegible] summary in [illegible]

[illegible] INDUSTRY

[illegible]

UREA

[illegible] A.F. [illegible] 30 no.5 [illegible]

[illegible] no.5:49-51 [illegible]

Synthesis and investigation [illegible] [with summary in English]. [illegible] and others. [illegible] N '59.

Synthesis of derivatives of [illegible]. V.A.Zas-[illegible], T.N.[illegible], T.A.[illegible]. Med.prom. 14 no.1:7-12 Ja '60.

Synthesis of [illegible]. N.N. [illegible] Med.prom. 14 no.2:7-12 F '60.

VAPOR PRESSURE (Continued)

Differential effusion method of determining vapor pressure [with summary in English]. S. P. Detkov. Zhur. fiz. khim. 34 no. 1 196-199 Ja '60.

Vapor pressure of cadmium iodide and cadmium bromide [with summary in English]. T. A. Tolmacheva, T. L. Andrinovskaia Vest LGU 15 no 10 131-136 '60.

Vapor pressure of methanol at temperatures from 5 to 50°. M. L. Kliueva, K. P Mishchenko, M K Fedorov. Zhur prikl. khim. 33 no. 2 473-475 F '60

Vapor pressure over crystalline naphthalene. I. A. Gil'denblat, A S Furmanov, N. M Zhavoronkov Zhur prikl khim 33 no 1·246-248 Ja '60

VAPORS

Determining the salt content of vapor by the electric conductivity method B P Tatarinov, V F Fursenko Zav. lab 26 no 2·179-182 '60

VAPORS—OPTICAL PROPERTIES

Angular distribution of resonance luminescence of vapors. P. A. Apanasevich, G. S. Kruglik. Izv. AN SSSR. Ser. fiz. 24 no. 5:525-528 My '60.

Temperature dependence of the fluorescence yield of vapors of complex molecules. N. A. Borisevich, V. A. Tolkachev. Izv. AN SSSR. Ser fiz. 24 no. 5:521-524 My '60.

VARDAR VALLEY (MACEDONIA)—ROCKS, IGNEOUS

Sequence of the formation of igneous rocks in the Vardar Valley portion of Macedonia (Balkan Peninsula). A A Malakhov Uzb geol. zhur no. 5·31-41 '59.

VARNA, BULGARIA—OPERA

A performance full of life and merriment. V. IUrovskii. Sov. muz. 24 no. 2 182-183 F '60.

VARNA, GULF OF—WATER—ANALYSIS

Dynamics of the principal ions present in the surface water of the Gulf of Varna A. V. Rozhdestvenskii. Gidrokhim. mat. 29·145-152 '59.

VARVAROVKA (POLTAVA PROVINCE)—NURSES AND NURSING

Nurses and midwives council of a rural hospital. T. A. Sirota. Med. sestra 19 no. 1·44-46 Ja '60.

VASHURA, BORIS FEDOROVICH, 1889-

Professor B. F. Vashura. Izv. vys. ucheb. zav.; elektromekh. 2 no. 12:163-164 '59.

VASIL'EV, IVAN PETROVICH, 1879-1949

Ivan Petrovich Vasil'ev. N. F. Poryvaev. Kaz. med. zhur. 40 no 6:103-106 N-D '59.

VASIL'KOVKA DISTRICT—COLLECTIVE FARMS—ACCOUNTING

My work practice. P. IA. Sadovoi. Uchet i fin. v kolkhoz. i sovkhoz. 17 no 1:33-36 Ja '60.

VAULTING see Pole vaulting

VECTOCARDIOGRAPHY

Vectocardiography and its clinical significance [in Azerbaijani with Russian summary]. D. M. Abdullaev, E. Sh Makhmudbekova. Azerb. med. zhur. no. 1:3-6 Ja '60.

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLES
(see also subdivision under Astrakhan Province)

Moscow. Nauchno-issledovatel'skii institut torgovli i obshchestvennogo pitaniia. [Collection of recipes and technical instructions for the processing of fruits and vegetables] Sbornik retseptur i tekhnologicheskikh ukazanii po pererabotke plodov i ovoshchei. Izd. 4., dop i perer. Moskva, Gos. izd-vo torg. lit-ry, 1959. 207 p.

Taking timely measures for the preparation of raw vegetable areas for the canning season Kons i ov. prom 15 no 2:26-29 F '60

VEGETABLES—FERTILIZERS AND MANURES

Effect of organomineral fertilizers on vegetable and potato yields. A. M. Kopanitsa. Agrobiologiia no. 1·99-102 Ja-F '60.

VEGETABLES—PRESERVATION

Causes of beet-red staining in fermented vegetables. I. V. Svershkov, I. B. Dobrier, R. IA. Kaznachei. Vop. pit. 19 no. 1:90-91 Ja-F '60.

VEGETABLES—STORAGE see subdivision under Ukraine

VEGETABLES—VARIETIES

Chemical composition of different varieties of cabbage, onion, and green vegetables. V. D. Brumshtein Kons. i ov. prom 15 no. 2 31-35 F '60.

VEGETABLES, DRIED

New method of determining the degree of inactivation of ferments in vegetables after blanching. M G. Raiskaia. Kons i ov prom. 15 no. 1 41 Ja '60.

Technical conditions for the production of dehyrated vegetables and potatoes E. N. Volkov, S. A. Genin Kons i ov. prom 15 no 1 24-25 Ja '60

VEGETATION AND CLIMATE

Timber line as a fixator of climatic conditions. V. V. Kriuchkov. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 3·29-40 '58

VEI LANGUAGE—PRONOUN

Pronouns in the Vei language. P. S. Kuznetsov. Trudy Inst. etn 52 161-168 '59

VELIKAYA SALMA, STRAIT OF—ZOOPLANKTON

Interrelationships of pelagic larvae of Nephtys ciliata (O F Müller), Macoma baltica L , and Mya arenaria L in the White Sea [with summary in English] S A Mileikovskaia Zool zhur 38 no. 12 1889-1891 D '59

VELIKAYA VALLEY (RUSSIA, NORTHERN)—GEOLOGY, STRATIGRAPHIC

Quaternary sediments in the upper Velikaya Valley. O. P. Dundo. Trudy NIIGA 105 145-151 '59.

VELIKIY LYUBEN'—BACTERIA, SULFUR

Microbiological investigation of sulfur deposits in the Carpathian Mountain region. Report No. 1· Investigation of the Nemirov and Lyuben deposits [with summary in English]. M. V. Ivanov. Mikrobiologiia 29 no. 1·109-113 Ja-F '60.

VELIKIYE LUKI —APARTMENT HOUSES—MAINTENANCE AND REPAIR

Tenants repair their apartments I Kagner Zhil -kom khoz 10 no 2 7 '60

VELIKIYE LUKI—PACKING HOUSES

Plans are ready, let us start building. N. Shatrava. Mias. ind. SSSR 31 no. 1:31 '60.

VELIKIYE LUKI PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Preliminary results of the 1956 explorations in Velikiye Luki Province. IA. V. Stankevich. Krat. soob. IIMK no. 77:77-83 '59.

VENDING MACHINES

Vending machines. G. Mishkevich. Znan.-sila 35 no. 2:43 F '60.

VENDORS AND PURCHASERS

Judicial practice in cases concerning rural buildings sold to private persons by local soviets. P Nikitiuk. Rad pravo no. 6·79-83 N-D '59

VENEERS AND VENEERING

Rated tension and compression characteristics of wood veneer. V. M. Khrulev. Der. prom. 8 no. 12·14-16 D '59.

VENEREAL DISEASES

Kartamyshev, A. I. [Textbook on skin and venereal diseases] Uchebnik po kozhnym i venericheskim bolezniam. Izd. 2., ispr. i dop. Kiev, Gos. med. izd-vo USSR, 1959. 415 p.
(DNLM)

VENEREAL DISEASES—HOSPITALS see subdivision under Brest Province

VENEZUELA—POLITICS AND GOVERNMENT

Nitoburg, E. L. [Winds of freedom in oil rich Eldorado; liberation movement in Venezuela] Veter svobody v neftianom El'dorado; osvoboditel'noe dvizhenia v Venesuele. Moskva, Izd-vo sots. ekon. lit-ry, 1960. 86 p.

VENICE—GUILDS

Venetian guilds of the 13th and 14th century [with summary in Italian]. N. P. Sokolov. Sred. veka. no. 15:31-50 '59.

VENOM—PHYSIOLOGICAL EFFECT

First aid and treatment of tick and insect bites. L. L. Gol'dzand. Med. sestra 19 no. 1·43 Ja '60.

VENTILATION

Heating and ventilation in foreign countries A. M Bernshtein Opyt stroi no 24 28-68 '59

Remodeling the ventilation system in the body repair shop of a motor car plant. S. O. Tipograf. Prom. energ. 15 no 2:19-20 F '60.

Ventilation is trade unions' most urgent task. S. Erlikhman, R. Gobza. Okhr. truda i sots. strakh. no. 1:42-44 Ja '60.

VERDI, GIUSEPPE, 1813-1901

"Selected letters" by Giuseppe Verdi. Reviewed by A. Kenigsberg. Sov. muz. 24 no. 2:192-193 F '60.

VERESAEV, V. V., pseud. see Smidovich, Vikentii Vikent'evich, 1867-1945

VEREYA—CIVIC IMPROVEMENT

They wrote a mountain of papers but they didn't carry out their mandates. G. TSar'kov. Sov. deput. trud. no. 3:76-78 Mr '60.

VERKHOYANSK RANGE—CRYSTALS

Some data on the crystalliferous zone in the northern Verkhoyansk Range. V. S. Aplonov. Inform biul. NIIGA no 13 46-54 '59.

VERKHOYANSK RANGE—RARE EARTHS

High rare earth content of rocks in the northern Verkhoyansk Range V A Fadeev Inform. biul NIIGA no 13 54-57 '59

VERMIN see Household pests

VERNALIZATION

Vernalization of spring vetch. I. I. Novozhilov. Agrobiologiia no. 1·67-70 Ja-F '60.

VERNE, JULES, 1828-1905—BIBLIOGRAPHY see Bibliography—Verne, Jules, 1828-1905

VERTEBRAE, CERVICAL—FRACTURE

Three cases of fracture of the odontoid process of the second cervical vertebra. G. I. Riumshin, M. A. Popo. Ortop., travm. i protez. 20 no. 12:52-53 D '59.

VERTEBRATES see subdivision under Kyzylagach Preserve, Volga Valley

VERTEBRATES, FOSSIL see subdivision under Tarkhankut, Cape

VESELKIN, NIKOLAI VASIL'EVICH, 1879-

Nikolai Vasil'evich Veselkin; on his eightieth birthday. V. S. Il'in. Pat. fiziol. i eksp. terap. 4 no. 1 91-92 Ja- '60.

VESTFOLD HILLS—MAGNETIC ANOMALIES

Characteristics of magnetic anomalies on the Vestfold Oasis IU. S. Glebovskii Inform biul. Sov antark eks. no 11·33-36 '59

VESTIBULAR APPARATUS

Changes in the orientation reactions of dogs following destruction of the vestibular apparatus and extirpation of the motor region of the cerebral cortex. V. A. Kisliakov. Trudy Inst. fiziol. 8:39-45 '59.

VETCH

Vernalization of spring vetch. I. I. Novozhilov. Agrobiologiia no. 1·67-70 Ja-F '60.

VETERINARY COLLEGES

From the school schedule to independent study. M. I. Matochkin. Vest. vys. shkoly 17[i.e. 18] no. 5:69-70 My '60.

VETERINARY HYGIENE

Current status of the problem of predicting pests and diseases among farm animals. I. IA. Poliakov. Trudy VIZR no. 12·203-219 '58.

Tightening the control over the enforcement of veterinar regulations. Mias. ind. SSSR 31 no. 1:57-58 '60.

VETERINARY MATERIA MEDICA AND PHARMACY

New remedies for the control of fish diseases. O. N. Bauer, A. V. Uspenskaia. Trudy sov. Ikht. kom. no. 9 21-27 '59.

VETERINARY MEDICINE

What's your complaint? I. Dik. Sov. Soiuz no. 9·34-35 '57.

VETERINARY MEDICINE—DIAGNOSIS

Recent data on intra-vitam diagnosis of fish diseases. E. M. Liaiman. Trudy sov. Ikht. kom. no. 9 18-20 '59.

VETERINARY MEDICINE—LAWS AND LEGISLATION

Russia (1923- U. S. S. R.) Laws, statutes, etc. [Veterinary legislation; veterinary statutes, regulatory decrees, instructions, directives, and rules on veterinary medicine] Veterinarnoe zakonodatel'stvo; veterinarnyi ustav SSSR, polozheniia, ukazaniia, instruktsii, nastavleniia i pravila po veterinarnomu delu. Pod red. A. A. Boiko. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1959. 1230 p.

VIADUCTS

Designs of span structures for bridges and highway viaducts. N. G. Dorofeev. Transp. stroi. 9 no. 12:13-15 D '59.

VIBRATION

Determining forces of resistance to vibrations. V. O. Etanoidze. Soob. AN Gruz. SSR 23 no. 4:431-438 O '59.

Friction of vibrating surfaces against soil. IU. V. Izbas Izv vys. ucheb. zav., stroi. i arkhit. no. 8·12-20 '59

Il'inskii, V. S. [Vibration and shock isolation] Voprosy izoliatsii vibratsii i udarov. Moskva, Izd-vo "Sovetskoe radio," 1960. 158 p.

Modern studies in dynamics of prestressed reinforced concrete construction elements. A. D. Lizarev. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 9:100-106 '59.

Primary energy source for excitation of natural vibrations during metal cutting. N I. Tashlitskii Vest ma 40 no. 2 45-50 F '60.

Role of various normal components in processes of free vibrations of elastic systems. G. N. Kartsivadze. Trudy Inst. stroi. dela AN Gruz SSR. 7·61-78 '59.

Vibrations of a membrane having the shape of a semistrip. M. N. Shel'diaeva. Uch. zap. MOZPI no. 3·145-155 '59.

VIBRATION (MARINE ENGINEERING)

Effect of camber and yielding in hull frames on the vibration of hollow shells. G.I.Fedenko Trudy NTO sud. prom. 8 no 4:63-70 '59.

VIBRATION SPECTRUM see Spectrum, Molecular

VIBRATORS

Experimental investigation of vibration ore drawing from blocks G V Rodionov, A I Fedulov, K S Gurkov Trudy Inst gor dela Sib otd AN SSSR no 2 189-194 '59

Investigating the frequency of natural vibrations on "unloader-car" system. Kh.G.Usmanov Trudy MIIT no 122:151-169 '59.

Investigating the unloading of bulk materials from box cars by vibration. Kh G Usmanov. Trudy MIIT no.122 138-150 '59.

Making vibration tables more reliable. D. N. Batanov Mekh stroi. 16 no.11:27 N '59.

Savinov, O.A., and A.IA.Luskin. [Vibration method of pile driving and its use in construction] Vibratsionnyi metod pogruzheniia svai i ego primenenie v stroitel'stve. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 250 p.

Test results of vibropressing processes in semirigid sand-cement mortars. P.A.Gurkov. Sbor. nauch. trud. Bel. politekh. inst. no.70:117-125 '59.

Theory of chatter in drilling. IU. I. Gorodetskii. Izv. vys. ucheb. zav., radiofiz. 2 no.5:776-786 '59.

Using AVSE vibrators in driving pile foundations for contact-system supports. P.G.Fedorov, S.F.Cholysheva. Transp.stroi. 9 no.12:10-12 D '59.

VIBRIO COMMA

Accelerated identification of Vibrio comma [with summary in English]. E.V.Chibrikova, I.I.Shchurkina, L.P.Bazunova. Zhur. mikrobiol.,epid. i immun. 31 no.1:16-22 Ja '60.

VIETNAM, NORTH—COMMERCE

Arsenev, M.M. [The Vietnam Democratic Republic; economy and foreign trade] Demokraticheskaia Respublika V'etnam; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1960. 108 p.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL

The heart always speaks I. Blium Ogonek 38 no 8:25 F '60

VIETNAM, NORTH—ECONOMIC CONDITIONS

Arsenev, M.M. [The Vietnam Democratic Republic; economy and foreign trade] Demokraticheskaia Respublika V'etnam; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1960. 108 p.

The Democratic Republic of Vietnam. Agitator no.2:15-16 Ja '60.

VIETNAM, NORTH—RICE

Effect of temperature in combination with various daylenghts on the growth and development of rice in Vietnam. Bui Gui Dap, Vo Van Shu. Agrobiologiia no 1:42-47 Ja-F '60.

VIETNAM, NORTH—TEA

Tannins in raw tea from the Democratic Republic of Vietnam. K M. Dzhemukhadze, L F. Mileshko. Biokhim chain proizv. no 7 106-110 '59.

VIETNAM, NORTH—YOUTH

Vietnamese youth struggles for a new life. Le Suan Dong. Mol. komm. no.1:98-103 Ja '60.

VIETNAM, SOUTH—LABOR AND LABORING CLASSES

Excerpts from the press of South Vietnam. A.Shchedrov. Sovr Vost. no.5 19 My '60.

VIETNAM, SOUTH—PUBLIC HEALTH

Steady development of the public health system in the democratic republic of Vietnam. Vrach. delo no.12: 1331-1333 D '59.

VIETNAMESE ART see Art, Vietnamese

VIL'KITSKOGO ISLAND—WALRUSES

Walrus rookery on Vil'kitskogo Island. V. F. Zakharov. Probl.Arkt. no.5:132 '58.

VILLAGE COMMUNITIES see subdivision under Italy

VINCENNES, FRANCE—PHOTOGRAPHY—FILMS

Department of labor organization at a plant of the film industry in France. P.Orlov. Biul. nauch. inform.: trud i zar.plata no.11:68-70 '59.

VINNITSA—BOILERS

Device for cooling fire-tube necks of flue boilers. Mias. ind.SSSR 31 no.1:50 '60.

VINNITSA—DISEASES—REPORTING

Morbidity of the adult population of Vinnitsa; material from a special processing of data on medical treatment [with summary in English]. L.A.Averbukh. Sov. zdrav. 19 no.2:48-51 '60.

VINNITSA—PACKING HOUSES—EQUIPMENT AND SUPPLIES

Efficiency promoters of an enterprise. V. Motrenko. Mias. ind. SSSR 31 no.1:48 '60.

VINNITSA—RUBBER GOODS

Workshop for manufacturing and repairing rubber goods. Mias. ind. SSSR 31 no.1:50 '60.

VINNITSA—TIN CANS

Machine for the automatic cutting of coiled tin plates. F. Belousov. Mias. ind. SSSR 31 no.1:48-50 '60.

VINNITSA ECONOMIC REGION—INDUSTRIAL MANAGEMENT

In the Vinnitsa Economic Council. V Kurzhner, M Darahan Ekon Rad. Ukr no 6 106 N-D '59

VINNITSA ECONOMIC REGION—TOMATOES

Preliminary processing of tomatoes in the area of their cultivation G. G Shpakovskii Kons i ov prom 15 no 2 7-9 F '60

VINNITSA PROVINCE—BUILDING

Expanding the cooperation among collective farms. Otkalenko. Sil'. bud. 10 no.1:5-6 Ja '60.

VINNITSA PROVINCE—PARKS

Old parks in Vinnitsa Province L I Rubtsov Trudy Bot. sada AN URSR 6 106-113 '59.

VINNITSA PROVINCE—STOCK AND STOCKBREEDING

We call you to new achievements, our stockbreeders and sugar beet growers. Blok.agit.[Ukr.] no.3:35-37 Ja '59.

VINNITSA PROVINCE—SUGAR BEETS

We call you to new achievements, our stockbreeders and sugar beet growers. Blok.agit.[Ukr.] no.3:35-37 Ja '59.

VINOGRADSKII, SERGEI NIKOLAEVICH, 1856-1953

S. M. Vinogradskii, a microbiologist. V. Bilai Nauka i zhyttia 6 no 9:33-34 S '56.

VINYL ACETATE

Copolymerization of vinyl acetate with crotonamide and methylolcrotonamide [with summary in English]. S.N Ushakov, L.B Trukhmanova. Vysokom.soed 1 no.12 1754-1757 D '59.

Synthesis of thermosetting copolymers of vinyl acetate and vinyl alcohol with methylolcrotonamide [with summary in English]. S.N.Ushakov, E.M.Lavrent'eva. Vysokom.soed. 1 no.12:1862-1867 D '59.

VINYL ALCOHOL

Plasticization of polyvinyl alcohol - styrene and polyacrylic acid - styrene graft copolymers [with summary in English] V.A.Kargin, N.A.Plate, V P Shibaev Vysokom soed. 2 no.1:166-173 Ja '60.

Synthesis of thermosetting copolymers of vinyl acetate and vinyl alcohol with methylolcrotonamide [with summary in English]. S.N.Ushakov, E.M.Lavrent'eva. Vysokom.soed. 1 no.12:1862-1867 D '59.

VINYL COMPOUNDS

Arbuzov rearrangement of vinyl esters of phosphorous and phenylphosphonous acids. I. F. Lutsenko, Z.S. Kraits. Dokl.AN SSSR 132 no.3:612-614 My '60.

Chloromethylation of copolymers of aromatic vinyl compounds. E.B Trostianskaia, S B Makarova, A.S.Tevlina. Khim prom. no.7:577-580 O-N '59.

Infrared spectroscopic studies of the aging of polyvinylethylal [with summary in English]. E.V.Shuvalova. Vysokom.soed. 1 no.12 1749-1753 D '59.

Interaction between β-chlorovinylketones and β-dicarbonyl compounds. Part 12: Ketovinylation of ethyl α-benzoylpropionate and ethyl α-benzoylbutyrate. V. F. Beliaev, M. N. Belokurskaia, N. K. Kochetkov. Zhur. ob. khim. 30 no.5:1492-1495 My '60.

Preparation of graft copolymers. Part 5: Grafts of vinyl monomers on polyethylene terephthalate [with summary in English]. V.V.Korshak, K.K.Mozgova, M.A.Shkolina. Vysokom.soed. 1 no.11:1604-1609 N '59.

VINYLENE COMPOUNDS

Polymers with conjugated bonds in the chains of the macromolecules. Part 6. Synthesis and certain properties of polyarylvinylenes [with summary in English]. A.A.Berlin and others. Vysokom.soed. 1 no.12: 1817-1820 D '59.

VIRILISM

Case of acromegaly with manifestations of virilism and diabetes insipidus for 32 years with preservation of the menstrual cycle for 36 years. B.M.Kotliarenko, M.S. Glusker. Probl.endok.i gorm. 5 no.6:110-111 N-D '59.

VIRUS DISEASES

Effect of ionizing radiations on the susceptibility of white mice to some neurotropic viruses [with summary in English] E.I Sklianskaia. Vop virus. 2 no 6:354-359 N-D '57.

Epidemic viral keratoconjunctivitis and pharyngoconjunctival fever [with summary in English]. V.S.Krasnovidov. Vest.oft. 72 no.6:47-51 N-D '59.

Role of adenopharyngoconjunctival viruses in certain inflammatory diseases of the eye [with summary in English]. M M. Zolotarev, G.I.Mar. Vest.oft. 72 no.6: 38-45 N-D '59.

Study of virus infections by Perm microbiologists. A.V. Pshenichov Vop virus. 2 no 6:331-335 N-D '57

VIRUSES

Nitrogen and phosphorus content of tumor tissues during the cultivation of viruses [with summary in English] O T Lutikova Vop virus. 2 no 6:347-351 N-D '57.

On the border between the living and the non-living V Avernikov Nauka i rel no 2 31-33 F '60

VISCERA—BLOOD SUPPLY

Leningrad. Pervyi Leningradskii meditsinskii institut. Kafedra normal'noi anatomii. [Anatomy of the blood vessels of the internal organs, a collection of articles] Anatomiia vnutriorgannykh sosudov, sbornik nauchnykh rabot. Leningrad, 1948. 277 p.
(MnU)

VISCERA—DISEASES

Nature of wave-form vegetative disorders in experimental neurosis. I.T.Kurtsin. Trudy Inst. fiziol. 8:261-267 '59.

VISCOSE

Complete analysis of viscose components. R.A.Khurgina, A B. Pakshver Khim volok no 6:34-37 '59.

Dependence of the fiber structure on viscose parameters. A T Serkov, N N Fedorova, I.N Kotomina. Khim. volok. no 6:37-39 '59.

Developing a method of continuous deaeration of viscose solutions A I. Virezub and others Khim volok no.6: 31-33 '59.

VISCOSIMETER

Continuous automatic viscosimeter. IA.E.Gel'fand Priborostroenie no 1:13-14 Ja '60.

Method for determining the η plast and τ_0 of drilling fluids in a rotary viscosimeter. K.F. Zhigach, N.M. Kas'ianov. Izv.vys ucheb.zav, neft' i gaz 2 no.12:99-107 '59.

VISCOSIMETRY

Determination of the viscosity of liquids saturated with gases. V.S.Fura. Izv.vys.ucheb.zav., pishch.tekh. no.6:123-126 '59

Isothermal flow of viscous fluids in open rectangular channels. A.Sh.Asaturian, S.G.Edigarov, V I. Chernikin. Trudy MNI no.20 305-313 '57.

VISION

Effect of exclusion of the optic analyzer for a number of generations on the conditioned reflex activity of mice. G.A.Obrastsova, Vikt.K.Fedorov Trudy Inst. fiziol. 8:165-171 '59.

Effect of partial removal of the hemispheres in early stages of development on visual and auditory conditioned reflexes in chickens [with summary in English] O.E Ponomareva. Biul eksp biol i med 48 no.11 22-29 N '59

Snow blindness. A.I.Kaplan. Zdorov'e 6 no.3:30 Mr '60.

Spectral sensitivity of the eye at different levels of brilliance in the field of vision. M.P.Perevertun. Trudy Sekt. astrobot. AN Kazakh SSR 7:54-63 '59.

VISUAL AIDS

Graphic form of D.I.Mendeleev's periodic table. M.P. Matsukov. Khim. v shkole 15 no.1:87 Ja-F '60.

How to obtain visual aids. L.I.Mushelevskaia. Dosh. vosp. 33 no.2:86 F '60.

Student's work in the preparation of visual aids. A.G. Nudel'man. Mat. v shkole no.1:37-40 Ja-F '60.

VISUAL DISCRIMINATION

Investigation of visual acuity and the field of vision under fluorescent lighting [with summary in English]. L IA. Snisarenko. Oft. zhur. 15 no 2:88-90 '60

VISUAL EDUCATION—HYGIENIC ASPECTS

Children's film trips and their demonstration from the hygienic point of view [with summary in English]. E.K. Glushkova. Gig. i san. 25 no.1:41-46 Ja '60.

VITAMINS

Gasanov, A.S. [Vitamins and health] Vitaminy i zdorov'e. Moskva, Znanie, 1959. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 5)
(DNLM)

Katsnel'son, A. B. [Vitamins in the physiology and vitamin deficiency in the pathology of the eye] Vitaminy v fiziologii i vitaminnaia nedostatochnost' v patologii organa zreniia. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 149 p.

N.I.Lunin an initiator in the theory of vitamins; on 80th anniversary of a remarkable discovery. E.D. Zabludovskaia. Fel'd.i akush. 25 no.2:44-49 F '60.

Vitamins in fruit and berries. E.M.Stepanova. Priroda 49 no.5:96-98 My '60.

VITAMINS—B_1 see Thiamine

VITAMINS—B_{12} see Cyanocobalamine

VITAMINS—E see Tocopherol

VITEBSK—BARK INSCRIPTIONS

Birch bark inscription from Vitebsk. N.N. Drochenina, B.A. Rybakov. Sov.arkheol. 4 no.1·282-283 '60.

VITEBSK—PHYSICALLY HANDICAPPED—REHABILITATION

Only two years have passed ... O. Bransburg. Prom. koop. 14 no.1.32 Ja '60.

VITICULTURE

(see also subdivision under Crimea; Kotovskoye District)

Bashirov, F.B. [Accelerated fruiting of young vineyards] Uskorennoe plodonoshenie molodykh vinogradnikov. Moskva, Gos. izd-vo sel'-khoz. lit-ry, 1959. 207 p.
(CU)

Bolgarev, P.T [Viticulture] Vinogradarstvo. [Simferopol'] Krymizdat, 1960. 573 p.
(AD)

Grape planter. N. Saprykin. Sel'. mekh. no.2·28-29 '60

VITREOUS HUMOR—DISEASES

Method for extracting a cysticercus from the vitreous body, author's abstract. D.V. Kantor. Vest. oft. 72 no 6.45-46 N-D '59.

VIZHNITSA DISTRICT—PUBLIC HEALTH, RURAL

Organization of the work of the subprofessional medical personnel in the combined operation of the sanitary-epidemiological station with the district hospital. R.I Bel'ko. Med sestra 19 no.1·20-22 Ja '60.

VLADIMIR—AUTOMATION

Automation and mechanization of production processes at the "Avtopribor" Plant. I.P. Sudoplatov. Mekh. i avtom. proizv. 14 no.2 17-21 F '60

VLADIMIR—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Automation and mechanization of production processes at the "Avtopribor" Plant. I.P. Sudoplatov. Mekh. i avtom. proizv. 14 no 2 17-21 F '60.

VLADIMIR PROVINCE—TEACHERS, TRAINING OF

We improve our skills. M.A. Voshcheshnikova. Dosh. vosp. 33 no.2·96 F '60.

VLADIMIROV, IVAN PARMENOVICH

I.P. Vladimirov. Izm. tekh. no.1·64 Ja '60.

VLADIVOSTOK—THEATER

Where the taiga can be noisy. P. Popov. Teatr. zhizn' no.24·24 D '59.

VOCATIONAL EDUCATION

(see also subdivision under Kiev; Leningrad; Pavlov)

Conducting extracurricular work in occupational education I A Khandros Politekh. obuch no.12 73-75 D '59

Contact between instruction and productive work. V.N. Partin. Obshcheobr. shkola vzrosl. no.6 56-58 N-D '59.

Criteria for rating students' knowledge and abilities in the process of training in school workshops. G.I. Krit. Dokl. APN no.3·13-16 '59.

Engineers train workers I IAshin. NTO 2 no.1 31-33 Ja '60

Laboratory on vocational education for the fifth and sixth grades. L.N. Shvedchikov. Politekh obuch. no 12· 67-69 D '59.

Teacher's work on students mistakes during practical training in school workshops. K P. Korolev. Politekh. obuch. no.12 58-61 D '59

VOCATIONAL EDUCATION—CONGRESSES

All-Russian Teachers' Congress is a historical event in the life of Soviet schools. Politekh. obuch no.12: 3-6 D '59.

VOCATIONAL GUIDANCE

Problems of vocational guidance and the choice of vocation in the works of foreign educators. A N. Volkovskii. Sov. pedag. 24 no.2·70-83 F '60.

Vocational orentation of students of eight-year schools. O.I. Galkina, L.M. Ziubin, V.V. Chebysheva. Sov. pedag. 24 no.2,62-69 F '60.

VOICE

Physiological analysis of the vibration of vocal folds (with reference to Husson's theory). V I Medvedev, L.N. Savina, N V Sukhanova Probl fiziol. akust 4 208-215 '59.

VOIN'—EXCAVATIONS (ARCHAEOLOGY)

There, where you will find the sea. N. Snegova. Sov. Ukr. 9 no.7:185-188 Jl '59.

VOINOV, MIKHAIL SEMENOVICH, d. 1959

Mikhail Semenovich Voinov; an obituary. Sov. bibl. no.6: 96 '59.

VOLCANIC ASH, TUFF, ETC.

Basic principles for classifying pyroclastic rocks E.F. Maleev Trudy Lab vulk. no.17,183-190 '59

VOLCANOES see subdivision under Kunashir Island, Soviet Far East

VOLGA DELTA—CARP

Why is the carp dying in the Volga Delta? M.S. Kun, T.V. Astakhova, D.L. Teplyi. Priroda 49 no 5 100-101 My '60.

VOLGA DELTA—CARP—DISEASES AND PESTS

Cases of disease and mass death of fishes in the lower part of the Volga Delta. IU.V. Kurochkin, K.V. Gorbunov, A.F. Koblitskaia. Trudy sov. Ikht kom. no.9 153-155 '59

Study of carp pox (epithelioma papulosum cyprinorum). IU.V. Kurochkin, K.V Gorbunov. Trudy sov. Ikht. kom. no.9 156-157 '59.

VOLGA DELTA—PARASITES

Parasite fauna of young pike perch in the Volga Delta and the Northern Caspian. T V. Astakhova. Trudy sov. Ikht. kom. no.9 99-103 '59.

VOLGA DELTA—ROOKS (BIRDS)

Distribution and food of the rook in the Volga Delta T.A Gagarina Uch zap Mosk gor ped inst 84·237-255 '58.

VOLGA-DON CANAL REGION—PARASITES

Parasite fauna of bream in reservoirs of the Volga-Don Canal. N A Kosareva. Trudy sov. Ikht. kom. no.9: 129-133 '59.

VOLGA-DON CANAL REGION—POTATO

Some features of the formation of the potato harvest under irrigation in the Southeast A.V Pavlov, G P Ustenko Fiziol. rast. 7 no.1:100-103 '60.

VOLGA HYDROELECTRIC POWER STATION

Casing and molding operations on the construction site of the Volga Hydroelectric Power Station. N.L. Triger Gidr. stroi. 30 no.1.15-18 Ja '60.

Using precast reinforced concrete wall panels in constructing the Kuybyshev Hydroelectric Power Station. E.I. Ivashchenko. Gidr. stroi. 30 no.1 19-22 Ja '60.

VOLGA RESERVOIR—HYDROLOGY

Elements of the hydrological regimen and water balance of Ivan'kovo Reservoir during 1951-1956. N.A. Zimonova. Trudy Inst. biol. vodokhran. no.2·212-228 '59.

VOLGA RIVER—DESCRIPTION AND TRAVEL

[On the Volga; a guide to the Volga, Kama, Oka, and Don Rivers] Na Volgu; putevoditel' po Volge, Kame, Oke, Donu. [Moskva, Izd-vo "Rechnoi transport, n.d.] 414 p.

VOLGA RIVER—PARASITES

Effect of the regulation of the Volga River on the parasitic fauna of fishes. A.F. Kosheva. Trudy sov. Ikht. kom. no.9·120-122 '59.

VOLGA RIVER—PHYTOPLANKTON

Phytoplankton in the section of the Volga River from Yaroslavl to Stalingrad. Report No.1· Composition and quantity of phytoplankton before the formation of reservoirs. A.D. Priimachenko. Trudy Inst. biol. vodokhran. no.2·52-65 '59.

VOLGA UPLAND—GAS, NATURAL—GEOLOGY

Characteristics of reservoir properties of Carboniferous terrigenous sediments in the Volga Upland. A A. Khanin, Z.V. Fedorova. Trudy VNIIGAZ no.7.132-145 '59.

VOLGA UPLAND—PETROLEUM GEOLOGY

Characteristics of reservoir properties of Carboniferous terrigenous sediments in the Volga Upland. A.A. Khanin, Z.V. Fedorova. Trudy VNIIGAZ no.7·132-145 '59.

VOLGA VALLEY—BRINES

Waters containing iodine and bromine in the Volga and Kama Valleys [with summary in English]. S.S. Bondarenko. Sov. geol. 2 no.12:88-100 D '59.

VOLGA VALLEY—METALS

Metallographic examination of fragments of metal articles from the Volga-Don Archaeological Expedition IU.P. Biriukov Mat. i issl po arkheol. no 75:202-211 '59

VOLGA VALLEY—PLOWING

When to use deep plowing in crop rotations of the Southeast. P.K. Ivanov. Zemledelie 8 no.2:88-92 F '60.

VOLGA VALLEY—REVOLUTION, 1917-1921

Role of the Nizhniy Novgorod organization of the Russian Communist Party (Bolshevik) in organizing and strengthening the Volga War Flotilla in 1918-1919 Trudy GPI 14 no.4,73-101 '58.

VOLGA VALLEY—SHALE

Using bituminous shale ashes from the Volga Valley in construction. N.K. Khokhrin. Izv. vys. ucheb. zav.; stroi. i arkhit. no.9.6-17 '59.

VOLGA VALLEY—VERTEBRATES

Land vertebrates of the river bottoms of the Volga Basin. I S Turov Uch zap Mosk gor. ped. inst 84 9-71 '58

VOLGIN, VIACHESLAV PETROVICH, 1879-

Greetings to Academician Viacheslav Petrovich Volgin. Izv. AN SSSR. Otd. lit. i iaz. 18 no.6·543-541 N-D '59.

VOLKHOV—LOCOMOTIVES—ACCOUNTING

Use of cards for estimated supply requests in a locomotive depot V Koptilkin Bukh guchet 17 no.2 46-49 F '60

VOLKOV, OLEG VASIL'EVICH

"In a quiet region"; a tale by Oleg Volkov. Reviewed by I. Sokolov-Mikitov. Novyi mir 36 no 2.255-256 F '60.

VOLKOVYSK DISTRICT—CEMENT INDUSTRIES

Effective work of the committees of party control. K. Baksht. Komm. Bel. 34 no.2·43-46 F '60

VOLOCHISK DISTRICT—COLLECTIVE FARMS—ACCOUNTING

Improving the accounting on collective farms V.M. Kravchuk. Uchet i fin. v kolkhoz. i sovkhoz. 17 no.1 36-37 Ja '60.

VOLODARSKOYE DISTRICT—BOTANY—ECOLOGY

Plant complexes of the Kamennyye Mogily Reserve [with summary in English]. H.I. Bilyk, L.S. Panova. Ukr. bot. zhur 16 no.6:40-48 '59.

VOLOGDA—EDUCATION, COOPERATIVE

On the path of reorganization. I.N. Kolotilov Politekh. obuch no.12 42-44 D '59

VOLOGDA PROVINCE—LUMBERING

Green light to new technical equipment and progressive technological methods. V. Bulatov Part zhizn' no 11 52-54 Je '60

VOLOGDA PROVINCE—MACHINERY INDUSTRY

Development of the machinery industry in Vologda Economic Region A M. Mutovkin Mekh. i avtom proizv 14 no 1 6-9 Ja '60

VOLOSHIN, DMITRII ANDREEVICH, 1907-1959

Dmitrii Andreevich Voloshin; an obituary. Sov. bibl. no 6:95 '59.

VOLOSOVO DISTRICT (LENINGRAD PROVINCE)—MEDICAL SCREENING

Evaluation of the results of preventive medical examinations in dispensary care of the rural population. R.V. Bannikova. Zdrav. Ros. Feder. 4 no.1:23-24 Ja '60.

VOLOZHIN DISTRICT—PUBLIC HEALTH, RURAL

Year's work under the new conditions. S.Z. Kipel'. Zdrav Belor. 6 no.3 16-17 Mr '60

VOL'SK—RECREATION

There will be places to take one's recreation. G. Shibkov Kul't.-pros. rab. 21 no 1:28-29 Ja '60.

VOLTAGE REGULATORS

Automatic cutout for a ferroresonance stabilizer. S Babushkin. Radio no.2,46 F '60.

Automatic voltage regulation using the electrostatic capacitance of a p-n junction as a nonlinear element of the measuring unit. L.S. Berman. Elektrichestvo no.1·88-89 Ja '60.

AVRN-3 automatic vibrating voltage controller. N.N. Fadeev. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no.1/2·54-56 '57.

Raising discharge voltages in the RVP series 35 kv excess voltage suppressor V P. Kovalenko, V D Samarets Energetik 8 no 1 24-25 Ja '60

Voltage stabilizer for SNF-200 television sets. S. Shevchenko Radio no.2 45-46 F '60.

Wide-range voltage control on electric transmission lines. S.IA Maizel', E.E. Loiter. Vest. AN Kazakh. SSR 16 no.1:54-58 Ja '60.

VOLTMETER

Automatic temperature compensation of a detector voltmeter using germanium diodes. B.F. Grachev. Elektrosviaz' 14 no.2:74-76 F '60.

Calculating the errors of voltmeters with instrument multipliers. V.S. Skriabinskii. Priborostroenie no.2: 14-15 F '60.

Simple transistor millivolt meter. IU. Andreev. Radio no.1:56-57 Ja '60.

VOLYN' PROVINCE—CITIES AND TOWNS—CIVIC IMPROVEMENT

Local soviets and public and cultural services for our people. IU. IAroshchuk. Rad. pravo no.6:35-40 N-D '59.

VOLYN' PROVINCE—CRIME PREVENTION

Public prosecutors request the advice of workers. I. Korchak. Sov. deput. trud. no.1:63-65 Ja '60.

VOLYN' PROVINCE—SERVICE INDUSTRIES
Local soviets and public and cultural services for our people. IU. IAroshchuk. Rad pravo no. 6:35-40 N-D '59.

VORONEZH—CORRESPONDENCE SCHOOLS AND COURSES
As suggested by experience. V. I. Rubtsov. Vest. vys. shkoly 17[i.e. 18] no. 5:14-16 My '60.

VORONEZH—FORESTRY SCHOOLS AND EDUCATION
As suggested by experience. V. I. Rubtsov. Vest. vys. shkoly 17[i.e. 18] no. 5:14-16 My '60.

VORONEZH—INDUSTRIAL BUILDINGS
Large precast reinforced concrete industrial building V Matveev, I Shigin. Stroitel' no 2 3-5 F '60

VORONEZH—LODGING HOUSES
A council at work. IA. Dvoichenkov. Agitator no. 4:52-53 F '60.

VORONEZH—PENSIONS
Assistance committee on awarding of pensions. N. Kukushkin. Sots. obesp. 21 no. 1 23-24 Ja '60.

VORONEZH—RESTAURANTS, LUNCHROOMS, ETC.
Production of branch farms to supply public food service establishments. F. Sokolov. Obshchestv. pit. no. 1:10-11 Ja '60.

VORONEZH—RETAIL TRADE
We improve trade by competition. V. Bazonov. Sov. torg. 33 no. 2:31-34 F '60.

VORONEZH—WATER—POLLUTION
Concerning the pollution of underground water-supply sources by industrial sewage. A. P Orlov. Vod. i san. tekh no 2 35 F '60.

VORONEZH PROVINCE—AGRICULTURE—FINANCE
State Bank work in the servicing of agriculture and the organization of currency circulation. A. Rogulin. Den. i kred. 18 no. 5:41-49 My '60.

VORONEZH PROVINCE—AGRICULTURE—STUDY AND TEACHING
"Agricultural universities." I. Sidel'nikov. Part. zhizn' no 10 55-57 My '60.

VORONEZH PROVINCE—AMATEUR THEATRICALS
Talented actors of Voronezh Province. A. Dolzhenko. Agitator no. 3:51-52 F '60.

VORONEZH PROVINCE—BANKS AND BANKING
State Bank work in the servicing of agriculture and the organization of currency circulation. A. Rogulin. Den. i kred. 18 no. 5:41-49 My '60.

VORONEZH PROVINCE—KINDERGARTENS
New friends. E. Kosmenko. Doshk. vosp. 33 no. 3:75-76 Mr '60.

VORONEZH PROVINCE—RETAIL TRADE
We fulfill our obligations. P. Ivannikov. Sov. torg. 33 no. 2.28-31 F '60.

VORONEZH PROVINCE—RUSSIAN NEWSPAPERS
Untimely theme. M. Neiseplisev. Sov. deput. trud. no. 2:112 F '60.

VORONTSOV DISTRICT (VORONEZH PROVINCE)—PUBLIC HEALTH, RURAL
Work of the Vorontsov District Hospital in Voronezh Province in the reorganization of the rural public health system. L. IA. IAdykina. Zdrav. Ros. Feder. 4 no. 3:6-9 Mr '60.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOROVSKII, VATSLAV VATSLAVOVICH, 1872-1923
Journalism of V. V. Vorovskii, 1907-1912. B. Pshenichnyi. Filol. sbor. no. 2:3-18 '59.

VOSKRESENSKOYE DISTRICT—LOCAL GOVERNMENT
You can criticize each administrator. S. Astakhov, Evg. Butko. Sov. deput. trud. no. 3:66-67 Mr '60.

VOTTOZERO, LAKE—FISHES
Fishes of Lake Vottozero and their commercial significance. P. V. Zykov. Trudy Kar. fil. AN SSSR no. 13:33-44 '58.

VOYAGES AND TRAVELS
Travels of a geographer ("My travels abroad" by I. P. Gerasimov. Reviewed by V. Pokshishevskii). Novyi mir 35 no. 12:269-270 D '59.

VOZNESENSK DISTRICT—FARM BUILDINGS
We are increasing capacity by reconstructing and extending livestock buildings. O. Krestych. Sil'. bud. 10 no. 2,8-10 F '60.

VUIA, TRAJAN,
"Trajan Vuia; the realization of mechanical flight" [in Rumanian]. Reviewed by B. N. Vorob'ev. Vop. ist. est. i tekh. no. 7:183-184 '59.

VULCANIZATION
On the article by B. A. Dogadkin and V. A. Shershnev "The reaction of tetramethylthiuram disulfide with rubber and with compounds possessing a labile hydrogen atom" [with summary in English]. S E Diesler and others. Vysokom soed. 2 no 1:174 Ja '60.
Organic accelerators for the continuous vulcanization of dipped goods P. I Balabkin and others. Kauch i rez 19 no 1 48-51 Ja '60
Vulcanizing action of bis (oxydiethylenethiuram) disulfide [with summary in English]. M. S Fel'dshtein, I I. Eitingon, B A. Dogadkin Vysokom soed 2 no. 1:97-102 Ja '60

VYATKA VALLEY—GEOLOGY, STRUCTURAL
Structure of the crystalline bedrock of the Vyatka and Kama River basin according to the materials of magnetic surveying. A. IA. IArosh. Trudy Sver. gor. inst. no. 34:108-124 '59.

VYKSY—EVENING AND CONTINUATION SCHOOLS
In a new way to new achievements. A. M. Balikhin. Obshcheobr. shkola vzrosl. no. 6,59-60 N-D '59.

VYSHNEGRADSKII, IVAN ALEKSEEVICH, 1831-1895
New document about I. A. Vyshnegradskii. A. P. Veselov. Vop. ist. est. i tekh. no. 7:136 '59.

VYSHNIA, OSTAP, pseud. see Hubenko, Pavlo Mykhailovych, 1889-1956

WAGES
(see also subdivision under Czechoslovakia; Kazakhstan)
Accounting where monetary payment of wages is in effect on a collective farm. V. S Vokhmianin Uchet i fin. v kolkhoz. i sovkhoz. 17 no 1:45-47 Ja '60.
Answering our readers' questions. Doshk. vykh. 21 no. 1:47 Ja '60.
Answers to labor problems. Les. khoz. 12 no. 2:79 F '60.
Brief news. Uchet i fin. v kholkhoz. i sovkhoz. 17 no 1:60-61 Ja '60
Conversion to the seven-hour work day and the new wage system for printing industry workers. D. V. Novoselov. Poligr. proizv. no. 1:3-7 Ja '60.
Development of a wage schedule in U. S. S. R. industry at the present stage. L. S. Bliakjman. Uch. zap. LGU no. 288:20-50 '59.
Improve the wage system in lumbering. Les. prom. 38 no. 1:29-30 Ja '60.
Improvement of the wage system in drilling departments in an urgent problem. E. N. Alikhanov, V. P. Kaufman. Azerb. neft. khoz. 38 no. 11:45-48 N '59.
Material stimulation for the reduction of railroad transportation costs in metallurgical enterprises. B. B. Rozin, R. S. Gelfman. Stal' 20 no. 2:165-168 F '60.
Mechanization of the accounting for labor and wages on state farms. N. Nikiforova. Bukhg. uchet 16 no. 12:29-34 D '59.
Minin, M. K. [New wage system at the "Shugarovo" State Farm] Novoe v oplate truda v sovkhoze "Shugarovo." [Moskva] Mosk. rabochii, 1960. 47 p.
Pay by the hour and bonus system of wages adopted at the maintenance and repair sections of yeast plants. G. M Remennik. Khleb. i kond. prom. 4 no. 1:31-32 Ja '60.
Principles for better regulation of wages in the textile industry. N I. Senchenkova Tekst prom 20 no 1 4-7 Ja '60.
Reform of the wage system in the 1930's. A. S. Pashkov. Uch. zap. LGU no. 274:41-52 '59.
Results of the improved organization of wages for workers of the reinforced concrete industry. B. Belov. Ekon. stroi. no. 1:32-37 Ja '60.
Results of using complex norms in the Tallinn Harbor. N Varaksin Mor. flot 20 no. 1 12-14 Ja '60.
Russia (1917- R. S. F. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie organizatsii truda i zarabotnoi platy. [Wages on state farms; a collection of materials on wages and work norms for state farms] Oplata truda v sovkhozakh; sbornik materialov po oplate truda i normam vyrabotki v sovkhozakh. Moskva, Izd-vo M-va sel. khoz. RSFSR, 1960. 380 p.
Some procedural problems in the legal protection of wages during the execution of judicial decisions. R. Kh. Valeeva. Uch. zap. LGU no. 274:98-111 '59.
Some results of using a new wage system for Chelyabinsk Coal Basin miners. L. E. Kamenetskii. Izv. vys. ucheb. zav.; gor. zhur. no. 4:20-25 '59.
Transition to the seven-hour labor day and the new wage system V. Mizinov Avt. transp. 38 no. 1:4-6 Ja '60.
Urgent problems pertaining to the bonus system for engineering and technical work performed at steam power plants. V. I. Savashinskaia. Trudy LIEI no. 29:104-110 '59.
Work practices of mixed brigades. V. M. Rubenchik, I. S Grachev. Avt. dor. 23 no. 1:17 Ja '60.

WAGES—ACCOUNTING
(see also subdivision under Tatar A. S. S. R.)
Analysis of the carrying out of the wage plan. G. Kiperman. Bukhg. uchet 17 no. 3 15-17 Mr '60.
Simplify output and wage accounting in machinery manufacturing plants G Korniakova. Bukhg uchet 17 no 1 25-29 Ja '60.

WAGES AND LABOR PRODUCTIVITY
Change-over to a 7-hour workday and a new system of remuneration. A. Chulanov. Mias. ind. SSSR 31 no. 1:40-42 '60.
Problem of labor productivity and wages. V. E. Kolomatskaia, T. N. Kushniruk. Sakh prom. 34 no. 1:55 Ja '60.

WAGTAILS see subdivision under Simonovo region (Amur Province)

WAIN, JOHN, 1925-
First acquaintance ("Hurry on down" by John Wain. Reviewed by I. Levidova. Inostr. lit. no. 12:258-259 D '59.

WALKING
Walking records. O. Volodin. Leg. atl. no. 12:11 D '59.

WALL NEWSPAPERS
(see also subdivision under Magadan Province)
There is something to learn ("Militant wall newspapers." Reviewed by A. Bezuglov, A Kurashov). Sov. pech. no. 2 41-42 F '60.

WALLS
(see also subdivision under Leningrad)
Monolithic walls with slitlike cavities P. Studentsov Zhil stroi no. 2 16-17 F '60
Three-layer panels for walls of industrial buildings D. V. Artem'ev. Prom stroi 38 no. 1:17-19 '60
Walls of large-element apartment houses. IA. E. Odel'skii. Sbor. nauch. trud. Bel. politekh. inst. no. 81 80-81 '59.

WALNUT
Strange nuts. A. Voitenko. IUn. nat. no 3:25 Mr '60.

WALRUSES see subdivision under Vil'kitskogo Island

WANGER, KARL FRIEDRICH WILHELM, 1803-1879
K. F. W. Wanger, outstanding German educator and democrat, 1803-1879. M. A. Sokolova. Sov. pedag. 24 no. 2:134-144 F '60.

WAR AND CIVILIZATION
An unprofitable business. IUrii Zhilin. Nov. vrem. 18 no. 7:28-30 F '60.

WAREHOUSES—ACCOUNTING see subdivision under Kiev

WARPING MACHINES
Simplification of the warping technology. S. G. Goritskii. Izv. vys. ucheb. zav.; tekh. tekst. prom no. 6:86-90 '59.

WARSAW—BALLET—STUDY AND TEACHING
May the Polish ballet flourish. O. Iordan. Neva no. 12:213 '59.

WARSAW—CIVIC IMPROVEMENT
Good results and bright prospects. Sov. deput. trud. no. 1:85-87 Ja '60.

WASHING MACHINES
(see also subdivision under Sarapul)
What the washing machines will be like. D. Kosharovskii. Sov. torg. 33 no. 2:23-27 F '60.

WASHINGTON, D. C.
New York - Washington - Chicago. B. N. Semevskii. Geog. v shkole 23 no. 1:16-23 Ja-F '60.

WASILEWSKA, WANDS, 1905-
A textbook of courage. S. Strashun. Sov. Ukr. 10 no. 1:167-168 Ja '60.

WASTE, DISPOSAL OF see Industrial wastes

WASTE HEAT
Heating a hothouse with boiler room exhaust gas S. V. Spirichev, V. F. Krashennikov. Prom energ 15 no. 2,20 F '60.

WASTE PRODUCTS
Why we should not be wasteful of and material. V. Kunakov. Otv. na vop. trud. no. 105:8-13 '59.

WATCHDOGS
Sheepdog Allash and guard dog Domura. N. Rakovskaia. IUn. nat. no. 2:13 F '60.

WATCHMEN
Our watchman. P. IAnin. Prom. koop. 14 no. 1:35 Ja '60.

WATER
Reaction of vitreous lithium silicates with water and their comparison with sodium silicates. IU. A. Shmidt. Zhur. prikl. khim. 33 no. 2:266-273 F '60.
Thermodynamic similarity between ordinary and heavy water. P. M. Kessel'man. Teploenergetika 7 no. 3:83-87 Mr '60.

WATER—ANALYSIS
(see also subdivision under Azov, Sea of, Don River; Kazakhstan, Lielupe River, Riga, Gulf of, Varna, Gulf of, White Sea)

Composition of adsorbed clay bases in the case of equilibrium with different types of waters. N.S.Spiro, K.S.Bonch-Osmolovskaia. Trudy NIIGA 98:36-62 '59.

Composition of the principal ions in the waters of lakes and rivers in the eastern districts of the Orenburg Province during the summer and fall of 1956. N.V. Veselovskii, A.A.Matveev Gidrokhim.mat. 29:3-29 '59.

Composition of the principal ions in the waters of ponds in the eastern districts of the Orenburg Province during the summer and fall of 1956 N.V.Veselovskii, A.A.Matveev. Gidrokhim.mat. 29 30-38 '59.

Concentration by coprecipitation with sulfides and the determination of trace amounts of Cu, Zn, Pb, Co, Hg, Ag, V, W, and Mo, as applied to the analysis of natural waters. A.P.Degtiarenko, R.I.Libina, A D Miller. Gidrokhim mat 29:264-272 '59.

Determination of trace elements in natural waters. V.IA. Eremenko. Gidrokhim.mat 29 242-247 '59.

Determining phosphorus in natural waters. V.G.Datsko, A.D.Semenov Gidrokhim.mat. 29 219-229 '59.

Determining sulfate ions by direct titration with lead nitrate in the presence of diphenylcarbazone as the indicator Gidrokhim.mat. 29:214-218 '59

Effect of evaporation, rainfalls, and processes of photosynthesis on the chemical composition of open liman waters A M Almazov. Gidrokhim.mat 29 140-144 '59.

Express method of identification of Escherichia coli isolated from water. E.I.Karasiuk. Gig.i san. 25 no.1 62-65 Ja '60.

Modification of the micro method for determining organic carbon in natural waters by combustion fused in saltpeter. A.D.Semenov, V.G Datsko. Gidrokhim.mat. 29:238-241 '59.

Sources of the ion and salt composition of natural waters S.A.Durov. Trudy NPI 47:63-111 '58.

Specific oxidizability as a sanitary index of the quality of water. I.A.Mikhaliuk. Gig.i san. 25 no.1:95-97 Ja '60.

Spectrographic determination of trace elements (Ni, Co, Cu, V, Sn, Mo, Pb, and Mn) in natural waters. V.IA. Eremenko Gidrokhim.mat. 29 248-253 '59

Use of the geometric method in solving the problem of the diagenesis of gypsum-bearing strata. S.A.Durov, T.M.Slobodskaia. Trudy NPI 47 151-157 '58.

Using salting concentrates for measuring steam salinity. B.P.Rukovanov. Teploenergetika 7 no.3:20-24 Mr '60.

Using the phenolate - hypobromite reaction for ammonia determining the latter in natural waters. V.G.Datsko, V.T.Kaplin. Gidrokhim.mat 29.230-237 '59.

WATER—COMPOSITION see subdivision under Beloye, Lake (Vologda Province)

WATER—OPTICAL PROPERTIES see subdivision under Rybinsk Reservoir

WATER—POLLUTION
(see also subdivision under Kama Reservoir; Voronezh)

Current problems concerning the toxicology of waters. N.S Stroganov. Biul.MOIP.Otd.biol. 64 no.6 159 N-D '59.

WATER—PURIFICATION
(see also subdivision under Kiev; Moskva River)

Apparatus for the electromagnetic treatment of water. A.G. Krugov. Khleb i kond.prom 4 no.1:35-36 Ja '60.

Brezhnev, V.L. [Disinfection of drinking water in city water-supply systems] Obezzarazhivanie pit'evoi vody na gorodskikh vodoprovodakh. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1959. 95 p.

Effect of the quality of the initial water and conditions of its treatment on the parameters of a floccular sludge filter. M.N.Besenfleish. Teploenergetika 7 no.3: 24-29 Mr '60.

Improving hydraulic drives of the closing accessories of water purifying plants A.D.Loginov, B.N.Ukhin Energetik 8 no.1:14-15 Ja '60.

Magnetic purification of water. Z.F.Wydrin Energetik 8 no.1 16 Ja '60

Modern methods of water purification for industrial and drinking purposes. A.M.Koniushkov. Opyt stroi. no.24:3-7 '59

Preliminary treatment of water at the filtration plants in the United States. G.Nikoladze. Zhil.-kom khoz. 10 no.1:33-34 '60.

Technological properties of water in the Ob' River and their effect on the selection of coagulating agents. V A.Bedrin. Izv.vys.ucheb.zav., stroi.i arkhit no.8:113-117 '59.

Units for water treatment installations. S.M.Gurvich, A.B.IUkhno. Energomashinostroenie 6 no.2:38-39 F '60.

Water supply of heat engines at peat works. O.G.Begunov. Sbor.nauch.trud Bel.politekh.inst. no.65 53-63 '59.

Zak, G.L. [Self-purification of water reservoirs; principles underlying the regulation of hydrological and sanitary-engineering calculations] Samoochishchenie vodoemov; osnovy ratsionalizatsii gidrologicheskikh i sanitarno-tekhnicheskikh raschetov. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1960. 159 p

WATER—SOFTENING
Ammonium - sodium cationization softening of water. P.V.Prikhod'ko. Sakh prom. 34 no.1:46-48 Ja '60.

Softening water. Sel'.mekh no.2:40 '60.

WATER, UNDERGROUND
(see also subdivision under Irkutsk Province; Kamchatka; Soviet Central Asia; Ukraine)

Basic types of hydrogeological regions in the U.S.S.R. [with summary in English] I.K.Zaitsev Sov.geol. 2 no.11:3-15 N '59.

Calculating fresh ground water reserves in arid regions. S.A.Shagoiants. Sov.geol. 2 no.11 141-143 N '59.

Characteristics of the use of hydrochemical methods in prospecting for sulfide deposits in the Central Urals. A.S.Vershinin. Trudy Sver.gor.inst. no.34:182-192 '59.

Conference on exploring and utilizing underground waters Zhil -kom khoz 10 no 2 14 '60

Some inverse problems in the theory of a free flow of underground waters. V.I.Menshikova. Izv.AN SSSR. Otd.tekh nauk Mekh.i mashinostr. no.2:159-166 Mr-Ap '60.

Sukharev, G.M. [Hydrogeology and waters of oil and gas fields] Gidrogeologiia i vody neftianykh i gazovykh mestorozhdenii Leningrad, Gos.nauchno-tekhn izd-vo neft.i gorno-toplivnoi lit-ry. Leningr.otd-nie, 1959. 342 p.

Thorium content of underground water. N.G.Syromiatnikov, L.A. Vest.AN Kazakh SSR 16 no.1:83-84 Ja '60

Water-collecting galleries in foothill areas. F.V.Molchanov. Izv.vys ucheb.zav , stroi i arkhit no.8: 98-106 '59.

WATER BIRDS
Raise more water fowl I S Prymich Kolh Ukr 7 no 2 27 F '60

WATER CHESTNUT, FOSSIL see subdivision under Baikal region

WATER GAS
Optimal dimensions of briquets of iron oxide catalysts in the conversion of water gas B I Popov Khim prom no 7 596-601 O-N '59

WATER MITES see subdivision under Krasnodar Territory

WATER PIPES
(see also subdivision under Irtysh River)

Centralize control of water supply lines. M.P.Suslov. Stroi.truboprov. 4 no.12 4-6 D '59.

WATER PIPES—STANDARDS
The all-Union state standard for asbestos cement waterpipes and sleeves. Biul.stroi.tekh. 17 no.3:23-25 Mr '60.

WATER RESOURCES DEVELOPMENT—HYGIENIC ASPECTS
Sanitary evaluation of the consequences of flooding tree plantations during the construction of reservoirs [with summary in English]. I.A.Kibal'chich and others. Gig.i san. 25 no.1:15-20 Ja '60.

WATER SUPPLY
(see also subdivision under Chistopol'; Moscow)

Sources of the ion and salt composition of natural waters. S.A.Durov. Trudy NPI 47:63-111 '58.

WATER SUPPLY, INDUSTRIAL
(see also subdivision under India)

Farforovskii, B.S., and IA.N.Piatov. [Design and planning of coolers for industrial waters supply systems] Proektirovanie okhladitelei dlia sistem proizvodstvennogo vodosnabzheniia. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 170 p.

Preventing the accumulation of impurities in industrial recirculated water IA I.Kil'man. Khim.prom no 7: 601-602 O-N '59.

WATER SUPPLY, RURAL
(see also subdivision under Odessa Province, Ukraine)

Mechanized water supply on the livestock farms. A.A. Rozhnovskii, S.M.IAkushenkov. Biul.nauch.-tekh. inform.po mekh.sel'khoz. no.1/2:78-82 '57.

WATER-SUPPLY ENGINEERING
(see also subdivision under Kstovo region)

Designing gate valves for water-supply systems. M.P. Vasil'chenko. Izv.vys.ucheb.zav.;stroi.i arkhit. no.9:151-156 '59.

Determining zone borders in zonal water-supply systems [in Georgian with summary in Russian]. O.Sh.Kokochashvili. Trudy Inst.stroi.dela AN Gruz.SSR. 7: 229-244 '59.

WATER-SUPPLY ENGINEERING—BIBLIOGRAPHY see Bibliography—Water-supply engineering

WATER-SUPPLY ENGINEERING—EQUIPMENT AND SUPPLIES
Improving hydraulic drives of the closing accessories of water purifying plants A D Loginov, B N Ukhin Energetik 8 no 1 14-15 Ja '60

WATER SUPPLY ENGINEERING—HYGIENIC ASPECTS see subdivision under Ukraine

WATER TOWERS
Farforovskii, B.S., and IA.N.Piatov. [Design and planning of coolers for industrial waters supply systems] Proektirovanie okhladitelei dlia sistem proizvodstvennogo vodosnabzheniia. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 170 p.

WATER TURBINES see Hydraulic turbines

WATER VAPOR
Dissociation of clacium chloride in the process of generation of water vapor at high temperature and pressure. O I Martynova and others Zhur neorg khim. 5 no 1:16-22 Ja '60

WATERMARKS
Klepikov, S.A. [Watermarks and stamsp in paper of Russian and foreign production of the 17th-20th centuries] Filigrani i shtempeli na bumage russkogo i inostrannogo proizvodstva XVII-XX veka. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. 306 p.
(NN)

WATERMELON see subdivision under Turkmenistan

WATERPROOFING
Synthetic waterproofing materials. V.P.Chebotarev. Nov.tekh.mont.i spets.rab.v stroi. 22 no.1:27-29 Ja '60.

Waterproof soil gypsum. I.G.Khizanishvili Trudy nauch.korr.Inst.stroi.dela AN Gruz.SSR no.1:3-18 '56.

WATERSPOUTS see subdivision under Issyk-Kul

WATTEAU, JEAN ANTOINE, 1684-1721
Antoine Watteau. E.Kozhina, Vladislav Zimenko Iskusstvo 23 no.1 62-69 '60

WAVE GUIDES
Calculation of spiral type delay systems with a corrugated structure. V.A.Sliusarskii. Izv.vys.ucheb zav ,radiotekh. 2 no.5:581-588 S-O '59.

Determining critical wavelength of the lower type for a nonsymmetrical П -wave guide and a Ш -wave guide. A.M.Zaitseva. Uch.zap.MGPI 138:207-210 '58.

Device for measuring heterogeneities in wave guides. A.S.Vladimirov. Elektrosviaz' 14 no.2:3-13 F '60.

Electromagnetic waves in m-layer waveguides. A.IA. IAshkin. Uch.zap.MGZPI no.3:270-285 '59.

Interaction of an electron beam with electromagnetic waves in wave guide systems with selection of accelerated electrons. V.M.Bokov. Izv.vys.ucheb.zav., radiofiz 2 no.5:730-740 '59.

Irregular wave guides. A.G.Sveshnikov. Izv.vys.ucheb.zav.; radiofiz. 2 no.5:720-723 '59.

Letter to the editor. Izv.vys.ucheb.zav.; radiofiz. 2 no.5:836-837 '59.

Parallelogram cross section wave guides. A IA.IAshkin. Radiotekhnika 15 no 1:26-29 Ja '60.

Problem of the similarity of devices which are based on the Hall and Faraday effects. E.T.Skorik. Izv.vys. ucheb.zav.;radiotekh. 3 no.5:619-621 S-O '59.

Propagation of a TE wave in a laminar structure. N.N. Malov. Uch.zap.MGPI 138:125-133 '58.

Propagation of mixed-type waves in a laminar structure. A.S.Smirnova. Uch.zap.MGPI 138:197-206 '58.

Propagation of symmetrical electromagnetic waves in a hollow dielectric tube. A.IA.IAshkin. Uch.zap.MGPI 138.143-154 '58.

Sector waveguides with longitudinal grooves or flanges. A.IA.IAshkin. Uch.zap.MGZPI no.3:274-278 '59.

Some properties of metal inhomogenieties on the surface of dielectric tubes. V.S.Etkin. Uch.zap.MGPI 138: 165-169 '58.

Transition radiation in a wave guide [with summary in English]. K.A.Barsukov. Zhur.eksp.i teor.fiz. 37 no.4:1106-1109 O '59.

Wave guides with sections in the form of a parallelogram and other complex forms. V.IA.IAshkin. Uch.zap. MGPI 138:155-163 '58.

WAVE MECHANICS
Behavior of surface waves on a linearly changing flow. Sun Ts'ao. Trudy MFTI no.3:66-84 '59.

WAVE MOTION, THEORY OF

Propagation of forced plane compression waves with low amplitude in a viscous gas taking the natural radiation field into consideration. V.A. Prokof'ev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no. 2 17-33 Mr-Ap '60.

WAVES

Advance of a free tide wave in a channel of variable depth T. IA Sekerzh-Zen'kovich. Trudy MGI 18 85-93 '59.

Advance of waves at the boundary of an elastic half-space, generated by waves of liquid in a reservoir with gradually changing depth. A. S. Stavrovskii Trudy MGI 18 117-138 '59.

Binocular wavemeter-persectometer. E. N. Belkova Trudy NIIGMP no 7:132-146 '59

Effect of variable pressure on the evolution of surface waves. L. V. Cherkesov. Trudy MGI 18 139-148 '59.

Effect of wind velocity on the distribution of wave elements. A.G. Popova. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3:83-92 '59.

Investigating the motion of a heavy liquid at near critical speeds N. N. Moiseev, A. M. Ter-Krikorov. Trudy MFTI no. 3:25-29 '59.

Maximum-minimum wave measuring beacons. K. D. Zav'ialov. Trudy GGI no. 77:116-121 '60.

Phase of a disperse wave; in reply to V. V. Maliarov. F.S. Los'. Zhur. eksp. i teor. fiz. 37 no. 4:1174-1175 O '59.

Sectoral standing waves of finite amplitude on the surface of a spherical layer of liquid. IA. I. Sekerzh-Zen'kovich Trudy MGI 18 30-59 '59

Stereophotogrammetric method of measuring wave elements. A. A. Pugin Trudy GGI no. 77:99-107 '60.

Three-dimensional standing waves of finite amplitude on the surface of a heavy liquid of infinite depth. IA. I. Sekerzh-Zen'kovich Trudy MGI 18 3-29 '59.

Transformation of waves over a gentle slope. A. A Smirnov Gidr. i mel 12 no 1:45-52 Ja '60.

Wave resistance of the ship in the presence of internal waves (under conditions of finite depth). P. N. Uspenskii Trudy MGI 18 68-84 '59.

Waves on a free surface and a boundary surface, generated by a periodically acting source within the liquid S.S Voit Trudy MGI 18 60-67 '59.

WEALTH

Statistical methods of comparing national wealth and calculating accumulations of capitalist countries. Accumulations in the national economy of prerevolutionary Russia. Al'b. L. Vainshtein. Uch zap. po stat. 4:110-138 '59.

WEASELS

Intraspecific relationships in the sable and ermine [with summary in English]. P. P. Tarasov. Biul. MOIP. Otd. biol. 64 no. 6 37-43 N-D '59.

WEATHER FORECASTING

Displacement of atmospheric activity centers and the midlatitudinal zonal current due to transformations of the western circulation. G. IA. Vangengeim. Probl. Arkt. no. 5:47-55 '58.

Effect of heat released by condensation on vertical currents in the atmosphere. R. L. Kagan. Meteor. i gidrol. no. 5:3-10 My '60.

WEAVING

Contraction and shrinkage of threads in grey goods dependent upon the density of the fabrics L. G Leites Tekst. prom 20 no 1 36-39 Ja '60

Selecting efficient parameters for fabric filling. T. I. Akimova, V. N. Vasil'chenko. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 6:80-85 '59.

Simplification of the warping technology. S. G. Goritskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 6:86-90 '59.

Weaving. M. N. Levinson-Nechaeva. Trudy GIM no. 33: 9-37 '59.

WEAVING—STANDARDS

Explanations to the draft standard. Standartizatsiia 24 no. 2 53 F '60

Textile weaving (simple); descriptions, names, conventional graphic and symbols. Standartizatsiia 24 no. 2 47-53 F '60.

WEDGES

Solving the problem of bending of a truncated wedge by distributed loads. M. D. Smirnov. Izv. vys. ucheb. zav.; av. tekh. 3 no. 1:159-165

WEED CONTROL

Attack the weeds! Leonid Ivanov. Novyi mir 36 no. 3: 187-195 Mr '60.

Using ammonium sulfamate in the control of weeds and other undesirable plants. V. P. Bel'kov, I. V. Shutov. Les. khoz. 12 no 1 7-10 Ja '60.

WEED KILLERS see Herbicides

WEEDS

Behavior of seeds of late spring weeds in water [with summary in English]. V. S. Pidorpyhora. Ukr. bot. zhur. 16 no. 6:23-29 '59.

WEEVILS

Perieges bardus Faust. IU. K Antova Trudy AN Tadzh. SSR 89 41-57 '58

WEIGHING MACHINES

Remote recording system for weighing operations. S. S. Mikhailovskii Izm tekh. no 1 25-27 Ja '60

WEIGHING MACHINES—MAINTENANCE AND REPAIR

Maintenance and repair of weighing machines in rural districts. S A. Zabutov, P N. TSinin. Izm tekh. no. 1 59-60 Ja '60.

WEIGHT LIFTING

Improve the training of young weight lifters B. E. Podskotskii. Teor i prak. fiz kul' 23 no 1:62-63 '60

IUrii Vlasov, a Soviet athlete IA. Kutsenko Ogonek 38 no 2:11-15 Ja '60

WEIGHTS AND MEASURES—TESTING

New regulations for organizing and conducting the inspection of measuring equipment Izm. tekh. no. 1 1-4 Ja '60

WELDING

Crystallization cracks in the weld zone. S. V. Lashko-Avakian, N. F. Lashko. Avtom. svar. 13 no. 1:27-37 Ja '60.

Equipment for diffusion welding in vacuum. N. F. Kazakov. Avtom. svar. 13 no. 2:44-50 F '60.

Foreign welders in the Soviet Union. M. S. Zil'ban. Avtom. svar. 13 no. 2 95 F '60.

WELDING—EQUIPMENT AND SUPPLIES

The SAK-2 self-propelled welder. S. I. Gal'perin. Stroi. truboprov. 4 no. 12 20-21 D '59.

WELDING—TESTING

Inspecting weld joints by means of a microscopic spot analysis. V. V. Bogdanova. Avtom. svar. 13 no. 1 83-85 Ja '60.

Methods of accelerated corrosion testing of aluminum weld joints in nitric acid. D. M. Rabkin and others. Avtom. svar. 13 no. 1 74-78 Ja '60.

WELDING, ELECTRIC see Electric welding

WELDING, GAS see Gas welding and cutting

WELLS

How to make precast concrete well rings in villages. B. Skramtaiev Sil'. bud. 10 no. 2 13-15 F '60.

Using asbestos-cement pipes in casing water wells. S Lerman. Sil' bud. 10 no 2 24 F '60

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE

Effect of ecological conditions and exterminatory measures on the different ages in the lesser suslik population. T. S. Gladkina. M. N. Meier. Trudy VIZR no. 12:189-200 '58.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Tectonic divisions of the foundation of the Arctic portion of the West Siberian Plain based on aeromagnetic data. D V Levin, S. M. Kriukov. Trudy NIIGA 96 130-134 '59.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALERS

The "Sovetskaia Ukraina" is launched. Vladimir Liaskovskii. Sov. Ukr. 9 no. 9:187-190 S '59.

WHALES

Rapid method for manufacturing leather from whale skin A. I. Zaguliaeva, V M. Shuvaev. Kozh.-obuv. prom. no. 12 7-9 D '59

WHALING see subdivision under Antarctic regions

WHEAT

(see also subdivision under Dzhezkazgan; Kuybyshev Province; Siberia)

Amino acid composition of proteins in wheat grain [with summary in English] N M. Sisakian, L S. Markosian. Biokhimiia 24 no. 6:1094-1103 N-D '59.

Changes in the amount of pollen grains in the stamen depending on the position of the flower in the wheat and rye ear. N. N. Ovchinnikov. Trudy OGMI no. 18:23-27 '59.

Changing spring wheat into winter wheat. K. A. Glukhikh. Agrobiologiia no. 1 48-52 Ja-F '60.

'fect of growing conditions on the root system and yield of spring wheat [with summaries in English, German, and French]. N. A. Saveleva. Vest. sel'khoz. nauki 5 no. 1:137-140 '60.

Heterogeneity of seed buds and egg cells developing in different parts of the wheat ear N. N. Ovchinnikov, N. M Shikhanova. Trudy OGMI no 18:17-21 '59.

Physiological features of spring wheats grown under different soil and climatic conditions. F. A. Polimbetova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:89-98 '58.

Processing of wheat into starch at potato-starch factories now in operation M. IA. Rubinshtein, G. V. Galkhina. Sakh. prom. 34 no. 2 54-57 F '60.

Relation of the development of dual-purpose wheat to winter hardiness. A. K Fedorov Fiziol. rast 7 no 1 109-111 '60.

WHEAT—MOISTURE REQUIREMENTS

Dynamics of productive soil moisture in the south of the European part of the U. S. S. R N. I. Sinitsyna. Trudy GGO no 92 127-135 '59

WHEAT—VARIETIES

Bread baking properties of prospective varieties of wheat N. V. Romenskii and others. Izv. vys. ucheb. zav., pishch. tekh no. 6 3-4 '59.

Odesskaia 16 winter wheat. F. G. Kirichenko. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no. 3:84-90 '55

WHEAT BREEDING

Diversity of F_1 and F_2 wheat hybrids following supplementary heterologous pollination in the presence of different amounts of own pollen S. G Oganesian. Izv. AN Arm. SSR Biol. nauki. 12 no. 11:71-76 N '59.

Methods of developing intervarietal hybrids of winter wheat A. A. Ukolov Agrobiologiia no. 1:139-141 Ja-F '60.

WHEATSTONE BRIDGE

Rational selection of parameters for Wheatstone bridge networks. IU. M. Platin. [Trudy] MVTU no. 97:97-104 '59.

WHEELS

Machine for determining the adhesion coefficient. Z. Z. Rudiakov. Zav. lab 26 no. 1:117 '60.

WHITE RUSSIA—AGRICULTURAL CREDIT

Problems requiring decisions. V. Bliznets. Den. i kred. 18 no. 5:55-57 My '60.

WHITE RUSSIA—AGRICULTURAL MACHINERY

Let's efficiently use collective farm machinery. V. Beznos. Blok. agit. [Bel.] no. 31:1-9 N '59.

WHITE RUSSIA—AGRICULTURE

The decline of White Russian agriculture during the first thirty years of the 19th century. I. A. Voronkov. Vest. Mosk. un. Ist.-filol. ser. 14 no. 4 41-64 '59.

Let's carry out the decisions of the plenum of the Central Committee of the Communist Party of White Russia. Blok. agit. [Bel.] no. 22:1-11 Ag '59.

Program for the rapid development of agriculture Komm Bel. 34 no. 1 16-21 Ja '60.

To the Central Committee of the Communist Party of White Russia and the Council of Ministers of the White Russian S. S. R. Blok. agit. [Bel.] no. 34:1-3 D '59.

The White Russian people tries to carry out the decisions of the 21st Congress of the CPSU. V. Shablovskii. Blok. agit. [Bel.] no. 31:25-33 N '59.

WHITE RUSSIA—APARTMENT HOUSES

New designs of precast apartment houses built of spatial elements. A. P. Voinov and others. Sbor. nauch. trud. Bel. politekh. inst. no. 81:15-60 '59.

WHITE RUSSIA—BARBERS

Barber's guilds in White Russia in the sixteenth and seventeenth centuries. V. P. Gritskevich. Zdrav. Belor. 5 no. 1:69-71 Ja '60.

WHITE RUSSIA—CHEMICAL RESEARCH

We begin our new year. Komm. Bel. 34 no. 1:57-61 Ja '60.

WHITE RUSSIA—CITY PLANNING

Distribution of new housing construction projects in White Russia [illegible]

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Brief news. Blok.agit. [Bel.] no.6:48-4 of cover F '60.
Let's carry out the decisions of the plenum of the Central Committee of the Communist Party of White Russia Blok.agit.[Bel.] no.22:1-11 Ag '59.
Temporary instructors of party committees. M.Zavatskii Komm.Bel. 34 no.1 62-65 Ja '60.

WHITE RUSSIA—CONCRETE BLOCKS
Using silicate concrete in planning and building in White Russia. M.Vas'kovich, A.Zysman. Sbor.nauch trud Bel politekh.inst no 81 150-156 '59.

WHITE RUSSIA—DOMESTIC RELATIONS
Some features of postwar domestic relations of White Russian collective farmers. A.I.Zaleski. Pratsy IMEF AN BSSR 1:122-140 '58.

WHITE RUSSIA—DROUGHTS
Arid periods in White Russia during 1950-1952 and 1954 V S.Navrotskaia, I.M.Tishchenko. Trudy OGMI no.19 35-39 '59.

WHITE RUSSIA—ECONOMIC CONDITIONS
A complicated problem needs a thorough examination I Nikanorov, I.Korolenko Komm.Bel. 31 no.2,72-75 F '60.
Toward new glorious achievements. Rab.i stal. 36 no.1:1 Ja '60.

WHITE RUSSIA—ECONOMIC POLICY
Objectives for the second year of the seven-year plan for White Russia; facts and figures. Blok.agit. [Bel.] no.34:29-37 D '59.

WHITE RUSSIA—EDUCATION
Public education. Blok.agit.[Bel.] no.22:21-24 Ag '59.

WHITE RUSSIA—ETHNOLOGY
Preface. Pratsy IMEF AN BSSR 1:3-4 '58.

WHITE RUSSIA—EYE—CARE AND HYGIENE
Origin of specialized eye care in White Russia. T.I. Kriuchok. Zdrav.Belor. 5 no.1:71-73 Ja '60.

WHITE RUSSIA—FARM MECHANIZATION
Imitating Gitalov's experience.... V Khlopin Prof-tekh obr. 17 no 1 2 Ja '60

WHITE RUSSIA—GEOCHEMISTRY
Geochemical study of White Russian land forms. K.I. Lukashev. Trudy Geofaka BGU no.2 175-190 '58.

WHITE RUSSIA—GEOLOGY, STRUCTURAL
Current geomorphological processes on the territory of White Russia. V.A.Dement'ev. Trudy Geofaka BGU no.2:3-16 '58.

WHITE RUSSIA—HAND WEAVING
Present-day methods of hand weaving in the Slutsk region. N.I.Kamsiuk. Pratsy IMEF AN BSSR 1:141-158 '58.

WHITE RUSSIA—HISTORY
[For the national independence of White Russia; documents and materials] Za Dziarzhaunutu Nezalezhnasts' Belarusi; dakumanty i matar'ialy. Liondan, Vyd. Belaruskai TSentral'nai Rady, 1960. 198 p.

WHITE RUSSIA—HYDROELECTRIC POWER STATIONS
Industrialization of construction of rural hydroelectric power stations. A.A.Kriuchkov. Sbor.nauch.trud.Bel politekh.inst no 81 118-123 '59.
Industrialization of construction of rural hydroelectric power stations in White Russia A.A.Kriuchkov. Sbor. nauch.trud.Bel.politekh.inst. no.70:81-86 '59.

WHITE RUSSIA—INDUSTRIES
The White Russian people tries to carry out the decisions of the 21st Congress of the CPSU. V.Shablovskii. Blok. agit. [Bel.] no.31 25-33 N '59.

WHITE RUSSIA—LUMBERING
Economize on wood. K.E Markova. Les.khoz, 12 no.2:22-23 F '60.

WHITE RUSSIA—MACHINERY INDUSTRY
Basic factors in increasing labor productivity in the machinery industry. B.Pashkevich. Blok.agit.[Bel.] no.22:12-20 Ag '59.

WHITE RUSSIA—MANUFACTURES
For Soviet people. T.Meretskaia. Blok.agit. [Bel.] no.1:1-8 Ja '60.
Origin and development of manufactures in White Russia. N.T.Romanovskii. Trudy Geofaka BGU no.2 21-84 '58.

WHITE RUSSIA—MEDICAL PERSONNEL
Republic conference of the Medical Workers' Union Zdrav Belor. 6 no 3 71-73 Mr '60

WHITE RUSSIA—MEDICINE
"Collection of works on research and practice by physicians of Minsk Province," Reviewed by A.Kreldich. Zdrav.Belor. 5 no.1:76-77 Ja '60.
Tasks in the study of the history of medicine and the public health system in the White Russian S S R G R Kriuchok Zdrav Belor 6 no 3 65-67 Mr '60

WHITE RUSSIA—MUSICAL CRITICISM
A White Russian newspaper on the musical life of the republic. A Ladygina Sov muz. 21 no 2:166 F '60.

WHITE RUSSIA—NEWSPAPER AND PERIODICAL CIRCULATION
Faulty practice of the White Russian retail office A Atrashkov. Raspr pech no 1 16 Ja '60

WHITE RUSSIA—PEAT
Concerning the economic advantage of peat fuel for White Russian enterprises. N.I.Aksiuchits. Sbor. nauch.trud.Bel.politekh.inst. no.65:193-200 '59.

WHITE RUSSIA—PEAT INDUSTRY
Basic trends in the development of the peat industry in White Russia from 1959 to 1960. B.D.Paremskii. Sbor.nauch.trud.Bel.politekh.inst. no.65 3-10 '59.

WHITE RUSSIA—PEAT MACHINERY
Adoption of charging bunkers and their role in speeding up the mechanization of winning machine peat in White Russia. M.E.Minin. Sbor.nauch.trud.Bel.politekh. inst. no.65 83-89 '59.

WHITE RUSSIA—PUBLIC HEALTH
Brief news. Zdrav.Belor. 5 no.1:79 Ja '60.
Group seminars for feldshers, G.Kleinerman, Zdrav. Belor. 5 no.1:78 Ja '60.
Initiative of Rostov-on-Don medical personnel Zdrav Belor 6 no 3 80 Mr '60

WHITE RUSSIA—PUBLIC HEALTH, RURAL
For further improvement in rural medical care. I.A. Insarov. Zdrav.Belor. 5 no.1:3-8 Ja '60.

WHITE RUSSIA—PUPPETS AND PUPPET PLAYS
The children's theater. M.Bazarevich. Belarus' 17 no.1 3 Ja '60.

WHITE RUSSIA—RAILROADS
In rail transportation. H.I.Kotsiash. Belarus' 17 no.1 4 Ja '60.

WHITE RUSSIA—RECLAMATION OF LAND
Rereding sands, G.I.Margailik, L.A.Kliril'chik. Nauka i zhizn' 27 no.1 77-78 Ja '60.

WHITE RUSSIA—REPAIR AND SUPPLY STATIONS
Let's efficiently use collective farm machinery. V.Beznos. Blok.agit. [Bel.] no.31:1-9 N '59.

WHITE RUSSIA—REWARDS (PRIZES, ETC.)
Awards to Soviet women. Zdrav Belor. 6 no 3:79-80 Mr '60

WHITE RUSSIA—ROADS
Means of communication in White Russia at the end of the 18th and the first half of the 19th century. V.Chanturiia. Sbor.nauch.trud Bel politekh.inst. no.81:97-101 '59.

WHITE RUSSIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
Study of the history of the Communist Party of White Russia ("Early history of Bolshevik organizations and the establishment of the Communist Party of White Russia" by G.Bugaev, Reviewed by K Shabunia, V.Ivashin, Komm.Bel 34 no.1:81-85 Ja '60.

WHITE RUSSIA—SOCIAL LIFE AND CUSTOMS
New developments in the everyday life of collective farm villages. M.IA.Grynblat, L.A.Malchanava, Pratsy IMEF AN BSSR 1 5-121 '58.

WHITE RUSSIA—STOCK AND STOCKBREEDING
Political work among stockbreeders. A.Petrovskii. Blok.agit. [Bel.] no.6:24-29 F '60.

WHITE RUSSIA—SURGICAL SOCIETIES
Session of the White Russian Republic Surgical Society. L.Guseva. Zdrav.Belor. 5 no.1 74-75 Ja '60.

WHITE RUSSIA—TEXTILE INDUSTRY
The textile industry of White Russia. IA.Zlatikov. Blok. agit. [Bel.] no.27:1-8 S '59.

WHITE RUSSIA—THEATER
M.Gor'kii's plays on the White Russian stage. L.Bogatenkova. Izv.AN Kazakh SSR Ser.filol.i isk. no.2:65-70 '59.

WHITE RUSSIA—THERAPEUTICS
Second Conference of Therapeutists of the White Russian S.S.R. S.Kamyshnikov, G.Klebanov, M.Piletskii. Zdrav.Belor. 5 no.1 62-68 Ja '60.

WHITE RUSSIA—TREMATODA
Sanguinicola infestations and measures for their control on pond fish farms of the White Russian S.S.R. A.S. Chechina. Trudy sov.Ikht.kom. no.9 57-59 '59.

WHITE RUSSIA—WOMEN'S PERIODICALS
Your letters are welcome, Rab.i sial. 36 no.1:10 Ja '60.

WHITE RUSSIA—WORKS COUNCILS
Permanent production conferences. Komm.Bel. 34 no 1 54-56 Ja '60.

WHITE RUSSIA—WORLD WAR, 1939-1945
[For the national independence of White Russia; documents and materials] Za Dziarzhaunutu Nezalezhnasts' Belarusi, dakumanty i matar'ialy. Liondan, Vyd. Belaruskai TSentral'nai Rady, 1960. 198 p.

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM
New plays have been written. Vl.Pimenov. Teatr 21 no.2:100-108 F '60.

WHITE RUSSIAN LANGUAGE—DIALECTS—DICTIONARIES
IAnkovskii, F. [Dialect dictionary] Dyialektny sloŭnik. Minsk, Vyd-va AN BSSR, 1959. 230 p.
(NN)

WHITE RUSSIAN LANGUAGE—WORD FORMATION
History of words. U.Anichanka. Belarus' 17 no.1:32 Ja '60.

WHITE RUSSIAN LANGUAGE—STUDY AND TEACHING
Beloded, I.K., V.I.Borkovskii, and P.I.Goretskii. [Study of the Ukrainian and White Russian languages] Izuchenie ukrainskogo i belorusskogo iazykov. Moskva, In-t iazykoznaniia Akad. nauk, 1958. 173 p. (Seriia: Istoriia otechestvennogo iazykoznaniia, no.1)
(MH)

WHITE SEA—WATER—ANALYSIS
Content of some forms of nitrogen, phosphorus, and silicon in White Sea waters. V G Datsko, M.P. Maksimova. Gidrokhim.mat. 29:118-130 '59.

WHITE SEA REGION—MARINE LABORATORIES
At the very shores of White Sea. I.Golitsyna, Vokrug sveta no.2:42-43 F '60.

WHITE SEA REGION—SILVER MINES AND MINING
Silver mining in the White Sea region. A.A.Kuzin. Vop. ist.est.i tekh. no.7 154-159 '59.

WHITEFISHES—PARASITES see Parasites—Whitefishes

WHOLESALE TRADE
(see also subdivision under Uzbekistan)
Give unremitting attention to commercial agreements. M.Fialkov. Sov.torg. 33 no.2 3-6 F '60.

WHOLESALE TRADE—ACCOUNTING
(see also subdivision under Kazakhstan)
Simplifying accounting for goods sold and delivered to wholesale warehouses P Kamyshanov Bukhg.uchet 17 no.2:31-36 F '60

WHOOPING COUGH
Current status of the problem of therapy in whooping cough [with summary in English]. V.P.Braginskaia. Sov.med. 24 no.1:33-38 Ja '60.
Whooping cough. A.N.Usol'tsev. Med.sestra 19 no.3: 39-40 Mr '60

WILKINSON, JOHN, 1728-1808
John Wilkinson, 1728-1808. A.I.Chereshev. Vop.ist. est.i tekh. no.8:154-158 '59.

WILL
Condition and scientific principles in the development of the athlete's willpower. A.TS Puni. Teor.i prak.fiz kul' 23 no.1:11-18 '60.

WINCHES
Safety problems in the design and operation of mine winches N A Malevich. Shakht stroi. 4 no 2 11-13 F '60
Wider use of winches for roof caving, M.G.Vedlapin, I.V.Goga, A.P.Shaldatsov. Ugol' 35 no.2:19-23 F '60.

WINCHES—MAINTENANCE AND REPAIR
New method for replacing the lining of the winch driving pulley P A Mishchenko. Ugol' Ukr 4 no 1 18 Ja '60

WIND PRESSURE
Retter, E.L. [Aerodynamic characteristics of industrial buildings] Aerodinamicheskaia kharakteristika promyshlennykh zdanii. Cheliabinsk, Akad.stroit.i arkhit.SSSR, Ural'skii filial, 1959. 201 p.

WIND TUNNELS
V.A.Pashkevich's wind tunnel and his experiments in 1873-1874. A.P.Mandryka. Trudy Inst.ist.est.i tekh. 28 259-275 '59.

WINDBREAKS, SHELTERBELTS, ETC
(see also subdivision under Anna District)
Articles on shelterbelt afforestation in other journals. Les.khoz. 12 no 2:88-89 F '60.
For the development of shelterbelt afforestation. Kh.Z. Gubaidullin. Zemledelie 8 no 2:93-95 F '60.
Seminar on shelterbelt afforestation. G.F.Zheleznov. Vest.sel'khoz.nauki 5 no.1:150-151 '60.
Shelterbelts. Put' i put.khoz. 4 no.3:44 Mr '60.
Shelterbelts along railroads. V.B.Liakhovich. Les. khoz 12 no.2:70-71 F '60

WINDMILLS

Approximate determination of basic points of the aerodynamic characteristics of wind wheels P.M Kaplan. Trudy KIMESKH 3:157-161 '59.

System of utilizing windmills on collective farms. G.A. Pechkovskii. Biul. nauch.-tekh. inform. po mekh. sel'khoz. no.1/2:56-60 '57.

WINDMILLS—MAINTENANCE AND REPAIR

Shefter, IA. L., I.V. Rozhdestvenskii, and G.A. Pechkovskii. [Assembling, maintaining, and repairing wind-driven machinery] Montazh, ekspluatatsiia i remont vetroustanovok. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960 301 p.

WINDOW GARDENING

Garden on the window sill. Zdorov'e 6 no.2:26 F '60.

WINDOWS

Gol'tsman, L.L., V.A. Narizhnyi, and N.I. Nul'man. [Windows and doors of a new type] Okna i dveri novykh konstruktsii Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1959. 78 p.

"Temporary technical specifications for making and installing double-sash window blocks and double-leaf balcony-door blocks." Biul. stroi. tekh. 17 no.1:9-10 Ja '60.

WINDOWS—CLEANING

Mechanized cleaning of glass. Rats. i izobr. predl. v stroi. no.12:74-75 '59.

WINDS

(see also subdivision under Black Sea, Crimea; Laptev Sea region, Ukraine)

Comparability of the results of studies on dry winds obtained on the basis of different criteria. D.N. Zumbadze, V.S. Navrotskaia. Trudy OGMI no.19:31-34 '59.

Operative method of wind profile calculation in the atmospheric boundary layer. N.Z. Ariel', L.A. Kliuchnikova Trudy GGO no 94:39-41 '60.

Some features of the wind cycles in the Botanical Garden of the Ukrainian Academy of Sciences. L M Shyman Trudy Bot sada AN URSR 6 122-129 '59

Wind in the city. N.Z. Ariel', L.A. Kliuchnikova. Trudy GGO no.94 29-32 '60.

WINDS—SPECTRA

Experimental study of the frequency spectra of the vertical component of wind velocity in the bottom layer of the atmosphere. A.S. Gurvich. Dokl. AN SSSR 132 no.4 806-809 Je '60.

WINE AND WINE MAKING

Stability of monodisperse wine foam. A.A. Merzhanian, N.F. Chanpalova. Izv. vys. ucheb. zav., pishch. tekh. no.6:80-87 '59.

WINE AND WINE MAKING—BY-PRODUCTS

Dehydration of pentoses in the process of wine distillation. V.V. Bazilevskii. Izv. vys. ucheb. zav.; pishch. tekh. no.6 31-36 '59.

WINGS

Morphological features of the attachment of feathers in bird wings [with summary in English]. T.L. Borodulina. Zool. zhur. 39 no.1:124-135 Ja '60.

Slots in the structure of wing tips of a hawk [with summary in English]. V.E IAkobi. Zool. zhur. 38 no 12: 1850-1855 D '59

WINTER

A garden in wintertime. V. Parkhomenko. Doshk. vykh. 21 no.1 44 Ja '60.

WIRE BROADCASTING

Training of supervisors for wire-broadcast networks. A.A. Vdovichenko. Vest. sviazi 20 no.2:28-29 F '60.

WIRE DRAWING

Improving techniques of producing needle wire. V.A. Golomazov, L.A. Krasil'nikov. Stal' 20 no.2:173-177 F '60.

Obtaining high mechanical properties for microwire made of resistance alloys. G.P. Gvozdyk. Stal' 20 no.2:170-173 F '60.

WIRE ROPE

Dynamic forces and strains in mine hoisting ropes during sudden stoppages of the descending end in continuous hoisting. V.V. Morozov. Izv. vys. ucheb. zav., gor. zhur. no 5:76-86 '59.

Equalizing rope tension in multirope hoisting equipment. P P. Nesterov, N.A. Shmatkov Izv vys. ucheb. zav., gor. zhur. no.5:87-100 '59.

Inertia moment of the axial section of rope wires. L.I Zhukov Izv. vys. ucheb zav., gor. zhur. no.8:93-100 '59.

Residual lengthening of ropes in multirope hoisting N.K. Goncharenko Izv. vys ucheb. zav., gor. zhur no.8 110-117 '59.

Strains occurring in shaped wire in the manufacture of locked rope. B.N Dorodnykh. Izv. vys. ucheb. zav., gor. zhur no 8 118-124 '59

Theory of stress distribution in two-layer hoisting ropes. M F. Glushko. Izv vys. ucheb. zav., gor zhur no.5: 101-113 '59.

Torsional vibrations of mine hoisting ropes M F. Glushko Izv vys. ucheb zav, gor zhur no.8 101-109 '59

WIRELESS TELEGRAPH see Telegraph, Wireless

WIREWORMS

Controlling wireworms by attracting them to certain plantings. H.N. Zhihaiev. Nauk. pratsi Vid. sil'. hosp. nauk AN URSR no.2:139-144 '54.

Some physiological factors characterizing the different ecological groups of click beetle larvae (Elateridae, Coleoptera) [with summary in English]. I A. Ovchinnikova. Zhur. ob. biol. 21 no.1 41-47 Ja-F '60.

WIRING ELECTRIC see subdivision under Electric wiring

WOLVES see subdivision under Kiev Province

WOMEN

Glorious anniversary. Doshk. vosp. 33 no.3:3-6 Mr '60.

Glory to Soviet women; methodological advice. Sots. kul't. 13 no.1:15-16 Ja '60.

Love, family and women's work. Vera Bil'shai. Oktiabr' 37 no 3:147-157 Mr '60

WOMEN—ANATOMY AND PHYSIOLOGY

Peculiarities of women's bodies. M.F. Ivanitskii. Zdorov'e 6 no.3:5-6 Mr '60.

WOMEN—BIBLIOGRAPHY see Bibliography—Women

WOMEN—EMPLOYMENT

Great power. Agitator no.3:14-15 F '60.

Happiness of Soviet women. T. Semchuk. Komm. Bel. 34 no.2:38-42 F '60.

Heroic deeds of Soviet women. T. Nikolaeva. Agitator no.3:8-13 F '60.

Lida encounters. A. Shcherba. Rab. i sial. 36 no.1:12-13 Ja '60.

Soviet women are the active builders of communism. O. Bykova. Komm. Mold. 5 no.1:49-55 Ja '60.

When their wives are working. Hanna Olad'ko Ukraina no 1:16 Ja '60

Women of our generation. Agitator no.3:2, 15-17 F '60.

WOMEN—SOCIAL AND MORAL QUESTIONS see subdivision under Tajikistan

WOMEN—SOCIETIES AND CLUBS see subdivision under Khmel'nitskiy Province

WOMEN AS FARMERS see subdivision under Sapozhok District

WOMEN AS LETTER CARRIERS see subdivision under Khotimsk District

WOMEN IN LITERATURE

Women as portrayed in Soviet literature. N. Pentiukhova. Doshk. vosp. 33 no.3:104-106 Mr '60.

WOMEN IN POLITICS

(see also subdivision under South Africa, Union of)

The pages of history. Z. Guseva. Agitator no.3:6-7 F '60.

WOMEN IN PUBLIC LIFE

Great power. Agitator no.3:14-15 F '60.

Modest position. I. Zaitsev. Sov. deput. trud. no.3:83-86 Mr '60.

WOMEN'S PERIODICALS see subdivision under White Russia

WOOD—CHEMISTRY

Broadening the field of scientific research Gidroliz. i lesokhim. prom 13 no.1 31 '60

Standard design for a hydrolysis-furfurole plant V G. Panasiuk, V.P. Repka, L.V Panasiuk Gidroliz i lesokhim prom 13 no.1 27 '60

WOOD—CHEMISTRY—BIBLIOGRAPHY see Bibliography—Wood—Chemistry

WOOD—DRYING

Using high-boiling heat carrying agents in the thermal treatment of wood. D.M. Sterlin. Der. prom. 8 no.12.-57 D '59.

WOOD—MOISTURE

EVK-2-D electric moisture gauge. L.M. IUdanin. Der. prom. 8 no.12 4-5 D '59.

WOOD, COMPRESSED

Manufacturing particle boards by the extrusion method. IA.T. Bankieris. Der. prom. 8 no.12.7-8 D '59.

Pressing furniture parts and subassemblies from wood shavings. A.G. Koblikova, T.S. Matskevich. Der. prom. 8 no.12.1-4 D '59.

Using petrolatum in the manufacture of particle boards. V.N. Petri, I.P. Permikin. Der. prom. 8 no.12 11-12 D '59.

WOOD CARVING

(see also subdivision under Gorlovka)

Stulov, L.K [Wood carving; a manual for beginning carvers] Rez'ba po derevu, posobie dlia nachinaiushchikh rezchikov. Moskva, TSentr. dom nar. tvorchestva im. N.K. Krupskoi, 1959. 60 p.

WOOD CARVING, SLAVIC see subdivision under Putyatino (Ryazan Province)

WOOD DISTILLATION

(see also subdivision under Amzya)

Recovery of acids from residues of the distillation of black acid E V Osipova Gidroliz i lesokhim prom 13 no 1 23-24 '60.

WOOD FINISHING

Finishing of roving frame bobbins by the ironing method. V.N. Peshekhonov. Der. prom. 8 no.12 24-25 D '59.

Plastic films for coating of furniture. A.M. Strongin, V.L. Lepshelevich, T.N. Mekhtieva. Der. prom. 8 no.12 17-18 D '59.

Vaněk, Miloš. [Industrial furniture finishing] Promyshlennaia otdelka mebeli. Moskva, Goslesbumizdat, 1959. 141 p.

WOOD-USING INDUSTRIES

Mechanization and automatic control in the wood chemistry industry B N IAsinskii Gidroliz i lesokhim prom 13 no 1 3-4 '60

Mechanizing heavy works M P Makhalov. Gidroliz i lesokhim prom 13 no 1 26 '60.

WOOD-USING INDUSTRIES—ACCOUNTING

What the study of technical and economic indices of two projects has shown us. I. Krylov. Ekon. stroi. no.2: 68 F '60.

WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Krasnodar; Syava)

Conference on the mechanization and automatization of wood chemistry industries. Gidroliz i lesokhim. prom. 13 no.1 28-29 '60.

WOOD-USING INDUSTRIES—FIRES AND FIRE PREVENTION

Mechanical installation for waste transportation. N. Morozov. Pozh. delo 6 no.1:8 Ja '60.

WOOD-USING INDUSTRIES—STUDY AND TEACHING

Interfactory school for the exchange of modern methods. M.I Mikhailov. Gidroliz i lesokhim prom 13 no 1 20 '60.

WOOD WASTE

Wood-cement slabs and blocks. P. Ershov. Zhil. stroi. no.1:7-9 Ja '60.

WOODWORK

Handicraft wares made of wood, bast and birch bark V.P. Levasheva Trudy GIM no.33:61-93 '59

WOODWORKING INDUSTRIES

Price regulation in the woodworking industries. M. Shvaika. Ekon Rad Ukr no 6:54-61 N-D '59.

Second All-Union Scientific and Technological Conference on the Theory and Practices of the Woodworking and Paper Industries. Der. prom. 8 no.12 27-28 D '59.

WOODWORKING INDUSTRIES—FIRES AND FIRE PREVENTION

Need for a generalization of practices. IU. Kvashenko. Pozh. delo 6 no.1:6 Ja '60.

WOODWORKING MACHINERY

Afanas'ev, P.S. [Design of woodworking machinery] Konstruktsii derevoobrabatyvaiushchikh stankov. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 1. [General machinery] Stanki obshchego naznacheniia. 1960. 689 p.

Automatic line for the processing of panels. A.N. Romantsev Der. prom. 8 no.12:23 D '59.

Drill-head set for woodworking. IU.S. Godik. Biul. tekh.-ekon. inform. no.1:32-36 '60.

Electromagnetic device for setting the cutters of the cutter head. V.IA. Kramarov. Der. prom. 8 no.12:26 D '59.

Modernization of the ShP-1 tenoning machine. Rats. i izobr. predl. v stroi. no.12:75-76 '59.

The ShLKh2 type semiautomatic multiple-spindle tenon-cutting machine. M.S. TSubin. Biul. tekh.-ekon. inform. no.1 36-37 '60.

Tool for cutting toothed tenons. V.I. Berdnikov. Der. prom. 8 no.12 22 D '59.

WOODWORKING MACHINERY—SAFETY APPLIANCES

Safety appliances on woodworking machinery. I. Simson. Okhr. truda i sots. strakh. no.1:73-74 Ja '60.

WOOL—GRADING

Concerning A.I.Nikolaev's article. I.V.Budnikov. Standartizatsiia 24 no.2:38-39 F '60

Grading of wool. V.M.Sherishev. Standartizatsiia 24 no.2 35-38 F '60.

Standards for wool procurement. Standartizatsiia 24 no 2 30 F '60.

Suggestions for wool standards published in "Standartizatsiia" are unfit for the proposed revision of these standards. A.I.Nikolaev Standartizatsiia 24 no.2 30-35 F '60.

WOOL—THERMAL PROPERTIES

Heat conducting properties of kersey E A Miroshnikov Kozh -obuv. prom no 12 23-26 D '59

WOOL INDUSTRY see subdivision under Obukhovo

WOOLEN AND WORSTED MANUFACTURE see subdivision under Kupavna

WOOLEN AND WORSTED MANUFACTURE—ACCOUNTING

Improve accounting for the loss of raw material in the wool and alcohol industries S Mochichuk. Bukhg uchet 17 no 1 56-59 Ja '60

WOOLEN AND WORSTED SPINNING

Centrifugal spinning of combed wool yarn V E Gusev, N A Afrikanov Tekst prom 20 no 1 30-33 Ja '60

Modification of the system for processing comber waste. I B Frenkel', V V Bulavkina Tekst prom 20 no 1 72 Ja '60

WORK

Work should become an indispensable part of our life G.Glezerman Kommunist 37 no.9:42-55 Je '60.

WORK CLOTHES

How to take care of work clothes and shoes Stroitel' no 2 31 F '60

WORK FUNCTION (PHYSICS)

Measuring the work function of molybdenum covered with thin layers of sodium and cesium V.N Lepeshinskaia, V.N. Belogurov Fiz tver tela 1 no 12:1806-1812 D '59

WORKS COUNCILS

(see also subdivision under Hungary; Melitopol', White Russia)

Without respect of persons A. Verkin. Okhr. truda i sots. strakh. no. 1 35-36 Ja '60.

WORKSHOPS

Work experience of a mobile workshop. N. E. Mychko. Les. khoz 12 no. 2:71 F '60.

WORKSHOPS—EQUIPMENT AND SUPPLIES

(see also subdivision under Nikopol' District)

Puller tools and appliances used in machinery repair V Losev Sel' mekh. no 2:36-39 '60.

WORLD HEALTH ORGANIZATION

Dr. M. Candau, General Director of the World Health Organization; on the activity of the World Health Organization. IU.P. Lisitsyn. Sov.zdrav. 19 no. 2:94-96 '60.

WORLD HISTORY—PERIODICALS

"Vestnik istorii mirovoi kul'tury." Vest. AN SSSR 30 no. 5:89 My '60.

WORLD POLITICS

A. F. L. - C. I. O reactionary leaders against peaceful coexistence. B IA Mikhailov. Nov. i noveish ist no 1: 124-130 '60.

Disarmament and relaxation of tensions. Pierre Cot V zashch. mira no. 103:2-6 D '59.

The last Mohicans of the "cold war." S Volnins'kyi Ukraina no 1 30-31 Ja '60

Observer's notes. Sov.Soiuz no.8:1-3 '57.

Peaceableness and firmness. Nov. vrem. 18 no. 7:19-20 F '60.

Toward peaceful coexistence and toward peace. Pierre Cot. V zashch. mira no. 102:2-7 N '59

Unity of the forces of peace and democracy in their struggle against imperialism and reaction. D. Shevliagin. Kommunist 37 no.9,135-146 Je '60.

What next. N. Sergeeva Nov. vrem. 18 no. 22:4-6 My '60

World events. Nov. vrem. 18 no. 7:32 F '60.

World events. Nov. vrem. 18 no. 22:32 My '60.

WORLD WAR, 1939-1945

(see also subdivision under Carpathian Mountains; Czechoslovakia; Ukraine; White Russia)

Boratynski, Stepan. [The diplomatic period of the Second World War; the 1941-1945 international conferences] Diplomatiia perioda Vtoroi Mirovoi voiny; mezhdunarodnye konferentsii 1941-1945 godov. Vstup. stat'ia V. L. Israeliana. Red. N. A. Zakharchenko. Moskva, Izd-vo inostr. lit-ry, 1959. 354 p.

Conference on the history of the CPSU during the period of the Great Patriotic War, 1941-1945. N.M.Matveichuk, B. I. Stelia. Ist. SSSR no. 1.258-260 Ja-F '60.

History of the Great Patriotic War. Kommunist 37 no.9 77-108 Je '60.

[Ideological work of the CPSU at the front; 1941-1945] Ideologicheskaia rabota KPSS na fronte; 1941-1945. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 324 p.

In the Spadshchanskiy Forest. Aleksei Palazhchenko. Sov. Ukr. 9 no. 9:118-128 S '59.

Recollections of a Soviet marshal ("To the west" by A. I. Eremenko Reviewed by N Denisov) Novyi mir 35 no 11:272-274 N '59

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Banners of a regiment. I. Krestovskii. Sov. Ukr. 9 no. 8: 179-181 Ag '59

WORLD WAR, 1939-1945—CAMPAIGNS

Oreshkin, A K. [Defensive operation of the 9th Army (October-November 1941)] Oboronitel'naia operatsiia 9-i armii, oktiabr' - noiabr' 1941 g Moskva, Voen izd-vo M-va obor. SSSR, 1960 125 p.

WORLD WAR, 1939-1945—DOCUMENTS, ETC , SOURCES

Cursed be the swastika that brings destruction to peoples! Doshk. vosp 33 no. 3 100 Mr '60.

WORLD WAR, 1939-1945—FICTION

Three meetings. V. Nekrasov. Novyi mir 35 no. 12: 186-193 D '59

Tvardovskii, A. T. [Native and foreign lands; notes, sketches, stories] Rodina i chuzhbina; zapisi, ocherki, rasskazy. Moskva, Sovetskii pisatel', 1959. 478 p.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

Korotkin, I. M. [Battle damage of surface vessels] Boevye povrezhdeniia nadvodnykh korablei Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl , 1960. 301 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Army youth; brief notes. Konstantin Vanshenkin. Novyi mir 36 no 2 140-174 F '60.

The Dnieper is behind us. N.K.Popel'. Sov. Ukr. 9 no. 11: 127-143 N '59.

In battles for the Ukraine. Semen Siul'skii. Sov. Ukr. 9 no 8 109-126 Ag '59.

Kraminov, D. F. [The trugh about the second front; notes of a war correspondent] Pravda o vtorom fronte; zapiski voennogo korrespondenta. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 230 p.

Polevoi, B.N. [We are Soviet people] My - sovetskie liudi. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 340 p.
(NN)

Sunflowers. B. Czesko. V zashch. mira no. 102:58-63 N '59.

Unceasing echo D Maksimov Ogonek 38 no 8 10 F '60

The unforgettable forty-first... ("At a grave time"; war memoirs by N. K. Popel', as told to V. Kardin. Reviewed by L. Lazarev). Novyi mir 36 no. 2:273-275 F '60.

Vsevolod Vishnevskii's "Diaries of the war years." E. Il'mas. Zvezda no. 11,206-208 N '59.

WORLD WAR, 1939-1945—POETRY

[Poetry in battle; verse on the Great Patriotic War] Poeziia v boiu; stikhi o Velikoi Otechestvennoi voine. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 846 p.

WORLD WAR, 1939-1945—THEATER

Moscow during a blackout. D. Anastas'ev. Teatr 21 no. 2:161-162 F '60.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS see subdivision under Crimea, France

WORMS, INTESTINAL AND PARASITIC

Prevention of helminthic diseases. E. P. Ushinova. Zdorov'e 6 no. 3:18-20 Mr '60.

Provide animal husbandry with effective drugs to control helminthiasis. V. A. Potemkina. Med. prom. 14 no. 1: 3-6 Ja '60.

Treatment of helminthic infestation with oxygen. T. Sh. Gleiberman. Med. sestra 18 no. 2:41-42 F '60.

WORSTED see subdivision under Minsk

WOUNDS

Injury caused by the propellers of vessels. A. A. Lukash. Sud.-med. ekspert. 2 no. 4:54-56 O-D '59.

Significance of the impregnation of skin nerve fibers with silver for the diagnosis of intravital injuries. V. V. Kozlov. Sud -med. ekspert. 3 no. 1:18-21 Ja-Mr '60.

WRANGEL ISLAND

Gromov, L. V. [Fragment of ancient Beringiya] Oskolok drevnei Beringii. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 95 p.

WRESTLING

Certain factors in the early training of young Greco-Roman wrestlers. A. G Mazur. Teor. i prak. fiz. kul'. 23 no 1:64 '60.

WRITING

Wherein lies the difference between systems of signs. G. V. Kolshanskii. Vop. filos. 14 no. 5:126-134 '60.

WRITING—IDENTIFICATION

Identification of deliberately changed handwriting. I. Fridman, D Shtein Rad. pravo no. 6:116-119 N-D '59

Identification of signatures and manuscripts A IElyseev Rad pravo no 1:61-63 Ja-F '60

WRITING—MATERIALS AND INSTRUMENTS see subdivision under Samarkand

WRITING—STUDY AND TEACHING

Forming the motor habit of elementary writing on the basis of a definite type of orientation in ghe given task. G I Arkhangel'skaia, P IA Gal'perin, N. S Pantina. Dokl APN no 3:43-46 '59

X-RAY CRYSTALLOGRAPHY

Porai-Koshits, M. A [Practical course of X-ray diffraction study of crystal structures] Prakticheskie kurs retgenostrukturnogo analiza. [Moskva] Izd-vo Mosk. univ.
Vol. 2. 1960. 631 p.

X-ray camera for the study of misorientation in crystals. IA. M. Golovchiner. Zav. lab. 26 no. 1:106-108 '60.

X-RAY SPECTROSCOPY

Some results of using the method of X-ray spectrography for the study of microvolumes of matter I B. Borovskii Issl po zharopr. splav 4:360-366 '59.

Using the method of local X-ray spectral analysis for determining the composition of phases in meteorite iron. A. A. IAvnel' and others Meteoritika no. 18,77 '60.

X RAYS

Changes in the structure of sodium-butadiene rubber under ionizing radiation. M. A. Salimov, E. V. Zhuravskaia, A. S. Kuz'minskii. Vest. Mosk. un. Ser. mat., mekh., astron., fiz., khim. 14 no. 3 177-183 '59.

Chemical stability to irradiation of some ion-exchange resins subjected to X rays and gamma radiation V A Nikashina, M M. Senlavin, A V Gordievskii Khim prom. no 7:573-575 O-N '59.

Effect of a magnetic field on the intensity of X-ray reflections. L A. Smirnov. Fiz tver. tela 1 no 12: 1853 D '59.

Photoelectric absorption of X rays in silver on the L and M shells. N. I. Zhirnov. Uch. zap. MGZPI no. 3:252-261 '59.

Use of small doses of X rays in the early diagnosis of glaucoma. M. A. Kvaliashvili. Vest. oft. 72 no. 6:13-16 N-D '59.

Use of X-rays for the identification of the personality of skeletonized corpses. M. V. Roznov. Sud.-med. ekspert. 2 no. 4:56-58 O-D '59.

X-ray examinations of iron articles from Sarkel-Belaya Vezha. T. N. Sil'chenko, S. S Sorokin. Mat. i issl. po arkheol. no. 75 200-201 '59.

X RAYS—DIFFRACTION

Kachanov, N. N., and L. I Mirkin. [X-ray study of polycrystalline structures; a practical guide] Rentgenostrukturnyi analiz (polikristallov), prakticheskoe rukovodstvo. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 215 p.

X RAYS—EQUIPMENT AND SUPPLIES

Cameras for taking pictures at high and low temperatures attached to the URS-50 I unit. A. S. Kagan, IA. S. Umanskii. Zav. lab. 26 no. 1:108-109 '60.

Numbering device for the tube used in aimed X-ray pictures. N. A. Letunov. Vest. rent. i rad. 34 no. 6:68 '59.

X RAYS—INDUSTRIAL APPLICATIONS

X-ray apparatus for the examination of textures. P. D. Izbranov and others. Vest. vys. shkoly 18 no. 6:84-85 Je '60.

X-ray investigation of the surface layer of tempered 45 steel after grinding. L. I. Mirkin. Izv. vys. ucheb. zav.; mashinostr. no. 6:158-161 '59.

X RAYS—PHYSIOLOGICAL EFFECT

Blood coagulation in workers in X-ray rooms. V. I. Shevchenko, E. IA. Sukhoveeva. Sov. med. 24 no. 1: 100-103 Ja '60.

Changes in the higher nervous activity of rats during X-irradiation [with summary in English]. I. S. Belokonski. Med. rad 4 no. 12:11-16 D '59.

Course of experimental tuberculosis under the influence of ionizing radiations. L. B. Aksel'rod and others. Med. rad. 4 no. 12:46-52 D '59.

Cytochemical changes in the cells induced by gamma and X rays [with summary in English]. A. A. Savin. Trudy LSGMI 43:109-118 '59.

Disruption of cellular fission by X rays during the early stages of the development of a frog. V. N. Khelaina. TSitologiia 2 no. 1:3-8 Ja-F '60.

Effect of chemotherapy and active immunization on the course of dysentery in irradiated mice. L. I Kuel. Zhur. mikrobiol., epid. i immun. 31 no. 1 79-83 Ja '60.

Effect of ionizing radiation on certain aspects of the phosphorus metabolism of the brain. S. V. Gasteva and others. Trudy Inst. fiziol. 8:533-542 '59.

YUGOSLAVIA—OCEANOGRAPHIC RESEARCH

Yugoslavian Marine Institute. B.N Tikhushkin. Priroda 49 no.5 107-109 My '60.

YUKSPORIOK VALLEY—SOIL MOISTURE

Observations on soil moisture at the Khibiny Station of the Moscow State University in 1957 K M.Gromov. Inform.sbor o rab.Geog fak Mosk.gos un po Mezhdunar geofiz godu no.3 12-28 '58

YUNNAN PROVINCE—SCALE INSECTS

Materials on the coccid fauna of China. Report No 8' Description of a genus and two new species of scale insects of the family Diaspididae (Homoptera, Cocoidea), scientific results of Chinese-Soviet expeditions to southwestern China in 1955-1957 [with summary in English] N S Borkhsenius Zool zhur 38 no 12 1821-1824 D '59

YURGAMYSH DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A district committee reports how it carries out the suggestions of the Communists I Desiatnikov Part zhizn' no 11 56-57 Je '60

YUR'YEV-POL'SKIY—RELIEF (SCULPTURE)

On the study of reliefs of the St.George's Cathedral in Yur'yev-Pol'skiy. G.K.Vagner. Sov.arkheol. 4 no.1 102-110 '60.

YUR'YEVO—MONASTERIES

Semenov, A.I. [Yur'yevo] IUr'evo. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1959. 12 p.

ZADUMKIN, N.

First book ("The flood" by N. Zadumkin. Reviewed by K.Konichev). Neva no.2:194 '60.

ZAGORSK—TOY INDUSTRY

They create toys. V.Golovanov. Prom koop. 14 no.1: 28 Ja '60.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAMARIN, EVGENII ALEKSEEVICH, 1884-

Evgenii Alekseevich Zamarin, on his 75th birthday Gidr i mel 12 no 1 63-64 Ja '60

ZANZIBAR

Zanzibar, Africa's smallest state L.Korneev Sovr Vost no 5 18-49 My '60

ZAPOROZH'YE—ALUMINUM INDUSTRY

Twenty-fifth anniversary of the Kirov Dnieper Aluminum Plant G.K TSverava. Vop.ist.est.i tekh. no.7 193 '59.

ZAPOROZH'YE—COMMUNIST YOUTH LEAGUE

The Communist Youth League of Zaporozh'ye. F.Koretskii Sov Ukr. 9 no.11 181-184 N '59.

ZAPOROZH'YE—STEEL ALLOYS—METALLURGY

Moshevich, E.I. [Progressive practices in making high-alloy steels at the "Dneprospetsstal'" Plant] Peredovoi opyt vyplavki vysokolegirovannykh stalei na zavode "Denprospetsstal'." Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 37 p.

ZAPOROZH'YE PROVINCE—CRIMINAL INVESTIGATION

More attention to solving the crimes of former years. K IEhorov. Rad pravo no 6:54-56 N-D '59

ZAPOROZH'YE PROVINCE—GEOGRAPHY

Khyzhniak, A.A. [Zaporozhye Province; geographical study] Zaporiz'ka oblast', geografichnyi narys. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 123 p. (Oblasti Ukrains'koi RSR)
[MICROFILM]

ZAPOROZH'YE PROVINCE—PATHOANATOMICAL SOCIETIES

Work of the Zaporozh'ye Province Pathoanatomical Society from 1956 to 1958. I.I.Medvedev, I.N.Muratov. Arkh.pat. 21 no.7:87-88 '59.

ZAPOROZH'YE PROVINCE—STATE FARMS

How to increase the profitableness of state farms; from the experience of the "Dniprovs'kyi" State Farm in Zaporozh'ye Province O Hinsar. Ekon Rad.Ukr no.6: 34-37 N-D '59

ZAPOROZH'YE REGION—CLOUDS

Conditions causing the formation of low clouds in the Zaporozh'ye region. S.A Gromokovskii. Trudy UkrNIGMI no.10 41-47 '59.

ZAPOROZH'YE REGION—FOG

Fogs in the region of Zaporozh'ye O V.Miliutenko. Trudy UkrNIGMI no 10 53-57 '59

ZASLAVSKII, DAVID IOSIFOVICH, 1879-

A great pen Nik.Kruzhkov Sov pech no 2 36-38 F '60

ZBANATS'KYI, IURII

Along the roads of struggle and labor ("Friends, let us remember the past", a story by IUrii Zbanats'kyi. Reviewed by Vasilii Duka). Sov Ukr. 9 no.7 162-163 Jl '59.

ZELENODOL'SK—CIVIC IMPROVEMENT

[Active helpers of the soviet, from the work experience of street committees in Zelenodol'sk, Tatar A S. S. R.] Aktivnye pomoshchniki soveta, iz opyta raboty ulichnykh komitetov goroda Zelenodol'ska Tatarskoi ASSR [Kazan'] Tatarskoe knizhnoe izd-vo, 1959. 13 p (Bibliotechka deputata)

ZELIVSKY, JAN d. 1422

Jan Zelivsky as a leader of the city populace, from the history of the great peasant war of the 15th century in Bohemia N A.Gusakova Uch zap BGU no 50.49-62 '59

ZEL'VA DISTRICT—PUBLIC HEALTH,RURAL

After the reorganization of the district link of the public health system E I Svita Zdrav Belor 6 no 3 13-15 Mr '60.

ZENITH TELESCOPE see Telescope, Zenith

ZENKEVICH, LEV ALEKSANDROVICH, 1889-

On the 70th birthday of Lev Aleksandrovich Zenkevich. IA.A.Birshtein Biul.MOIP.Otd.biol. 64 no.6 141-149 N-D '59.

ZERAVSHAN VALLEY

The Zeravshan Valley. Z.M.Akramov. Geog.v shkole 23 no.1 4-15 Ja-F '60.

ZERENDA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

After a report to the district party committee. S.Shaliugin Part zhizn' Kazakh. 30 no 2 51-54 F '60

ZERNOVOY—FARM MECHANIZATION

Two farms in "Zernovoy," I.Ogloblin. Znan.sila 35 no.1,3-5 Ja '60.

ZEYA VALLEY—GEOLOGY, STRATIGRAPHIC

Boundary between Tertiary and Quaternary sediments in the Amur-Zeya Depression. A.I.Miachina. Sov.geol. 2 no.11 131-134 N '59.

ZHDANOV, P.S., 1903-1949

P.S. Zhdanov's achievements in the field of power system stability V.A.Venikov. Elektrichestvo no.1 56-58 Ja '60.

ZHDANOV—CARGO HANDLING

Transshipping large-diameter pipes in the Zhdanov Harbor M Egorov. Mor flot 20 no 1 27-28 Ja '60.

ZHDANOV—RUSSIAN NEWSPAPERS

Effective form of criticism V Kovalev Part zhizn' no 11 54-55 Je '60

ZHDANOV—STEEL INDUSTRY

Effective form of criticism V.Kovalev Part.zhizn' no 11 54-55 Je '60

ZHITOMIR—PHARMACY—STUDY AND TEACHING

Pharmacists. S.Borysenko. Ukraina no.4:19 F '60.

ZHITOMIR DISTRICT—SOCIAL GROUP WORK

The year 1960. D.Shelhas. Sots.kul't. 13 no.1:6-8 Ja '60.

ZHITOMIR PROVINCE—GEOGRAPHY

Rybachik, I.M. [Zhitomir Province; geographical study] Zhytomyrs'ka oblast'; geografichnyi narys. Kyiv, Derzh uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 118 p. (Oblasti Ukrains'koi RSR)
[MICROFILM]

ZHITOMIR PROVINCE—LIME

Lime production in interfarm building organization of Zhitomir Province. V.Humys'kyi. Sil'.bud. 10 no.1: 14 Ja '60.

ZHITOMIR PROVINCE—METEORITES

Zaboritza meteorite. Jerzy Pokrzywnicki. Meteoritika no.18.106-110 '60.

ZHODINO (WHITE RUSSIA)—DUMP TRUCKS

We begin our new year. Komm.Bel. 34 no.1:57-61 Ja '60.

ZHUKOVSKII, VASILII ANDREEVICH, 1783-1852

Zhukovskii's views on translating. A.Fiterman. Uch. zap MGPIIIA 13 23-24 '58.

ZIMKIN, NIKOLAI VASIL'EVICH, 1899-

Creative career of N.V.Zimkin. Fiziol.zhur. 46 no.1: 121-122 Ja '60.

ZINC

Anodic passivation of zinc in alkaline solutions. T.I. Popova, V.S.Bagotskii, B.N.Kabanov. Dokl.AN SSSR 132 no.3:639-642 My '60.

Interaction between copper and zinc under nonequilib-rium conditions IA A Ugai, E I Korotkova Trudy VGU 57:31-37 '59.

Thermal explosions in certain solid-phase reactio... IA. A. Ugai. Trudy VGU 57:23-29 '59

ZINC—ANALYSIS

Analysis of pure metals; determination of admixtures of lead and zinc in indium and thallium. V A. Naza... and others Zav.lab 26 no 2:131-135 '60

Quantitative determination of zinc by precipitation chromatography [with summary in English]. I.N. Grigorenko, N.L.Olenovich, A.A.Morozov. Zhur. anal.khim. 15 no.1 116-119 Ja-F '60.

Separation of gallium from zinc in a solution of ammo... carbonate by means of ionites. I P Alimarin, E.P TSintsevich, A N Gorokhova Zav lab 26 no 2:144-145 '60

ZINC CHLORIDE

Interaction in the ternary reciprocal system involving the displacement $Tl_2Cl_2 + Zn \rightleftarrows ZnCl_2 + 2Tl$. A P. Palkin, I P Paliuna Zhur.neorg khim. 5 no 1 160-171 Ja '60.

ZINC ELECTRODES see Electrodes, Zinc

ZINC-NICKEL ALLOYS see Nickel-zinc alloys

ZINC PHOSPHIDE

Effect of certain ecological and physiological factors on the resistance of the lesser suslik (Citellus pygmaeus) to zinc phosphide. T.M.Mokeeva. Trudy VIZR no.12: 115-129 '58.

Some data on the effect of zinc phosphide on the lesser suslik kept in an area seeded with baits containing this poison. T.M.Mokeeva, L.D.Vavet. Trudy VIZR no.12:130-137 '58.

Some features of the renewal of the lesser suslik population in an area treated with grain baits containing zinc phosphide. T.S.Gladkina. Trudy VIZR no.12:138-163 '58.

ZINC PLATING

Faster and more convenient. A.Galushko. Grazhd.av. 17 no.1:27 Ja '60.

Internal stresses in zinc electrodeposits obtained from sulfuric acid electrolytes. N.P.Fedot'ev, A.A.K...-kevich. Zhur.prikl.khim. 33 no.2:355-362 F '60.

ZINC SELENIDE

Structural and compositional dependence of the width of the forbidden phase zone in the system ZnSe - CdSe IU.V Zherdev, B F Ormont Zhur.neorg.khim 5 no.1:239 Ja '60

ZINC-SILVER ALLOYS see Silver-zinc alloys

ZINC SULFIDE

Dielectric and optical properties of certain zinc sulfides E V.Stauer, V P.Izotov Izv.AN SSSR Ser fiz 24 no 2,224-228 F '60

ZINC SULFIDE—ELECTRIC PROPERTIES

Possibility of the thermal polarization of electrons in zinc sulfide crystal phosphors F I.Vergunas, F F Kotzanov. Izv AN SSSR.Ser fiz 24 no 2 214-219 F '60

ZINC TELLURIDE

Determination of the saturated vapor pressure of solid zinc and cadmium tellurides I.V Korneeva, A V Belinev, A.V Novoselova. Zhur.neorg khim 5 no.1:3-7 Ja '60.

ZIONISM

Judaism and Zionism. D.Braude, A.Benshits. Nauka i rel. no.4:28-30 D '59.

ZIRCONIUM—ANALYSIS

Complexonometric determination of zirconium [with summary in English]. V.F.Luk'ianov, E.M.Kniazeva Zhur.anal.khim. 15 no.1:69-72 Ja-F '60.

New microluminescence method of titrating small amounts of a substance in solutions. Determination of small amounts of zirconium [with summary in English]. K.P. Stoliarov, N.N.Grigor'ev. Vest.LGU 15 no.10 137-141 '60.

Solubility of zirconium cupferronate [with summary in English]. S.V.Elinson, T.I.Nezhnova. Zhur.anal. khim. 15 no.1:73-76 Ja-F '60.

ZIRCONIUM CHLORIDE

Interaction between zirconium tetrachloride and phosphorus pentachloride. L A. Nisel'son, L E Larionova Zhur.neorg.khim. 5 no 1:172-174 Ja '60.

ZIRCONIUM COMPOUNDS

Forms in which zirconium exists in solutions of hydrochloric acid, ammonium carbonate, and complexon III. I.P.Alimarin, T.A Belidvskaia, Mu Ping-wên. Radiokhimiia 1 no.6:645-649 '59.

Solubility of N-benzoylphenylhydroxylamine and its compounds with zirconium in organic solvents. F.G. Zharovskii, E.A.Shpak. Ukr.khim.zhur. 25 no 6 800-801 '59

ZIRCONIUM [illegible]

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[illegible]

ZLATOUST [illegible]

[illegible]

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CIRCULATION

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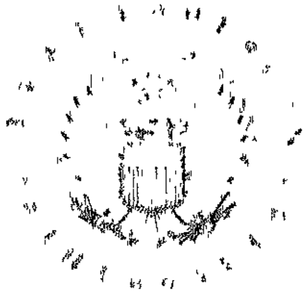

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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index.*

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index.* In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September-October 1951 issue of *Vestnik oftalmologii,* vol. 30, no. 5, pages 8-12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

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BIBLIOGRAPHY

[illegible]

[illegible]

[illegible]

A 3-4

RAKITOV, A. I [Harm of religious morality under socialism] V chem vred religioznoi morali pri sotsializme. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (Bibliotechka agitatora, no 8)

ROSSIISKOE PALESTINSKOE OBSHCHESTVO. Biblioteka. [Classified catalog of the Library of the Imperial Orthodox Palestinian Society] Sistematicheskii katalog biblioteki Imperatorskogo Pravoslavnogo Palestinskogo Obshchestva. S.-Peterburg, Tip. V.F. Kirshbauma, 1907. [Ann Arbor, Univ. Microfilms, 1960] facsim. 2 v.
(InU)

[SECRET TREASURES AND THE NEW LIFE; archaeological discoveries and the Gospel] Sokrytye sokrovishcha i novaia zhizn; arkheologicheskie otkrytiia i Evangelie. Bruges, Druzhba, P. Verbeke, 1959. 193 p.
(IU)

SHUL'GIN, M M. [On the devil and miracles] O d'iavole i chudesakh. Moskva, Gos izd-vo polit lit-ry, 1959 99 p

SKVORTSOV-STEPANOV, I I [Sacrament of the Holy Communion] O tainstve sviatogo prichashcheniia. Moskva, Gos. izd-vo polit lit-ry, 1959 29 p. (O religioznykh prazdnikakh i obriadakh)

SLIUSARIEV, A. O [Myth of a life beyond the grave] Mif pro zahrobne zhyttia Kyiv 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser. 1, no 5)

SUGLOBOV, G. A. [Reflections on fasting] Zumardu dug'avril khiak''kravussa pikri. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 35 p. [In Kumyk.]

[TRIP TO PARADISE AND BACK] Puteshestvie v rai i obratno. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 70 p.

VELIKOVICH, L. N. [With cross and atomb bomb, the church and war] S krestom i atomnoi bomboi, tserkov' i voina. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 97 p. (Nauchno-populiarnaia biblioteka)

VERKHOVYNETZ, M. [In ruins and deserts of distant places, demolition of Ukrainian churches in Poland] Na ruinakh i pusteliakh dalekykh, ruinatsiia ukrains'kykh sviatyn' u Pol'shchi. Pitsburg, Nakladom "Ukrains'koho narodnoho slova," 1960. 116 p.

VINOGRADOV, V G [V I Lenin on causation] V. I Lenin o prichinnosti Moskva, Izd-vo "Znanie," 1960. 28 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 13)

4. HISTORY

ABDURAZAKOV, V. B. [Intrigues of British and American imperialism in Iran, 1941-1947] Proiski angliiskogo i amerikanskogo imperializma v Irane, 1941-1947 gody Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 210 p.

AKADEMIIA NAUK SSSR. Dagestanskii filial, Makhach-Kala. Institut istorii, iazyka i literatury. [Movement of mountaineers of the Northeastern Caucasus from the 1820's to the 1850's, a collection of documents] Dvizhenie gortsev severo-vostochnogo Kavkaza v 20-50 gg. XIX veka; sbornik dokumentov. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 783 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Against the bourgeois falsification of the history of Soviet society] Protiv burzhuaznoi fal'sifikatsii istorii sovetskogo obshchestva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 361 p.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Ancient Egypt, a collection of articles] Drevnii Egipet, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 271 p. [In Russian, English, and French.]

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Lenin and the East; a collection of articles] Lenin i Vostok; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 304 p.

AKADEMIIA NAUK URSR, Kiev, Instytut istorii. [History of Kiev] Istoriia Kyieva. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 1 v.
(CU)

AKADEMIIA NAUK URSR, Kiev. Instytut suspil'nykh nauk. [Materials and studies on the archaeology of the Carpathian Mountain Region and Volhynia] Materialy i doslidzhennia z arkheolohii Prykarpattia i Volyni Kyiv.
No. 2, 1959. 155 p.

ANDREEVSKAIA, N. V. [Essays on methods of teaching history, classes 5-7] Ocherki metodiki istorii, V-VII klassy. Leningrad, Gos. uchebno-pedagog. izd-vo, 1958, 285 p.
(IU)

ANDRONIKOV, L. N., K. E. KOMAROV, and A. N. RATNIKOV. [Indissoluble friendship, struggle of the Soviet and Bulgarian peoples against common enemies] Nerushimaia druzhba; bor'ba narodov SSSR i Bolgarii protiv obshchikh vragov. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 114 p.

AUSSCHUSS FÜR DEUTSCHE EINHEIT. [German Democratic Republic; 300 questions and answers] Germanskaia Demokraticheskaia Respublika, 300 voprosov i otvetov. Moskva, Izd-vo inostr. lit-ry, 1959. 260 p.
(CLU)

AZIZIAN, A. K [Socialist nations during the period of the large-scale building of communism] Sotsialisticheskie natsii v period razvernutogo kommunisticheskogo stroitel'stva. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 1, Istoriia, no. 17)

BARNAVELI, T. V. [Inscriptions of Zion Cathedral. Nadpisi Atenskogo Siona. Tbilisi, Akad. nauk Gruzinskoi SSR] 1957. 63 p. [In Georgian.]
(MH)

BONDARETS, V. I. [Prisoner of war, a captain's notebook] Voennoplennye; zapiski kapitana. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 286 p.

CHEREPANOV, A. I. [Baptism of fire] Boevoe kreshchenie. Moskva, Izd-vo DOSAAF, 1960. 103 p.

DZHIKIIA, S. S. [Detailed register of the Gürcüstan Province. Prostrannyi reestr Giurdzhiustanskogo vilaieta] Tbilisi, Akad. nauk Gruzinskoi SSR. [In Turkish.]
Vol. 1. 1947.
(MH)

EGOROV, F. I. [Olonets; an historical account of the local lore of the city and the district] Olonets; istoriko-kraevedcheskii ocherk o gorode i raione. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1959. 100 p.
(MH)

EVSTIGNEEV, G. V. [Flight to freedom] Polet na svobodu. Moskva, Gos. izd-vo polit lit-ry, 1960. 76 p.

FADEEV, A. V. [Odessa's heroic deed] Podvig Odessy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 77 p. (Goroda-geroi)

FATEEV, P. S. [Domestic and foreign policy of tsarism during the 1880's and 1890's. Condition of the working class, growth of the labor movement and the beginning of the dissemination of Marxism in Russia; a lecture delivered at the Advanced Party School of the Central Committee of the CPSU] Vnutrenniaia i vneshniaia politika tsarizma v 80-kh—nachalo 90-kh godov XIX veka. Polozhenie rabochego klassa, rost rabochego dvizheniia i nachalo rasprostraneniia marksizma v Rossii; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 38 p.

GEORGIA (Transcaucasia) Ministerstvo kul'tury. [Cultural monuments of Georgia taken by the government for preservation] Pamiatniki kul'tury Gruzinskoi SSR, vziatye gosudarstvom pod okhranu. Tbilisi, Upr. po delam okhrany i restavratsii pamiatnikov kul'tury, 1959. 337 p., illus. [In Georgian and Russian.]

GERMANY. AUSWARTIGES AMT. [Documents of the German Foreign Office] Dokumenty. [Moskva] Gospolitizdat, 1946. 1 v.
(DS)

GILILOV, S. S. [V. I. Lenin, the organizer of the Soviet multinational State] V. I Lenin - organizator Sovetskogo mnogonatsional'nogo gosudarstva Moskva, Gos. izd-vo polit lit-ry, 1960. 236 p.

GRABOVETSKII, V. V. [Oleksa Dovbush, a legendary hero of the Ukrainian people] Oleksa Dovbush, legendarnyi geroi ukrainskogo naroda. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 80 p.

HAJEK, JIRI [Munich. Translated from the Czech] Miunkhen. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 225 p.

[HAPPINESS AND PEACE FOR THE PEOPLE; visit of the Chairman of the Council of Ministers of the U.S.S.R. N. S. Khrushchev to India, Burma, Indonesia, and Afghanistan, February 11-March 5, 1960] Schast'e i mir - narodam; prebyvanie Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva v Indii, Birme, Indonezii i Afganistane, 11 fevralia - 5 marta 1960 g. Moskva, Gospolitizdat, 1960. 349 p.
(DS)

HASDEU, BOGDAN PETRICEICU. [Voivode Ioan, the Terrible. Translated from the Moldavian] Ion-Voevoda Liutyi. Kishinev, Kartia Moldoveniaske, 1959. 206 p.
(MH)

[IN BATTLES AND MARCHES; reminiscences by participants in the civil war in the Ural Mountain Region] V boiakh i pokhodakh; vospominaniia uchastnikov grazhdanskoi voiny na Urale. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 595 p.
(CSt-H)

IOANNISIAN, ASHOT. [Outline history of the ideology of the Armenian liberation movement] Ocherki istorii Armianskoi osvoboditel'noi mysli. Erevan, Izd-vo Akad. nauk Armianskoi SSR. [In Armenian.]
Book. 2. 1959. 693 p.

ISLAMOV, T. M. [Political struggle in Hungary at the beginning of the 20th century] Politicheskaia bor'ba v Vengrii v nachale XX v. [Moskva] Izd-vo Akad. nauk SSSR, 1959. 410 p.

IVANOV, IU. [Participation of youth in the revolutionary movement in Moldavia, 1900-1917] Uchastie molodezhi v revoliutsionnom dvizhenii v Moldavii, 1900-1917 gg. Kishinev, Kartia Moldoveniaske, 1959. 56 p.
(MH)

KEL'DIEV, T. KH. [Defeat of the counterrevolution in the Fergana and Samarkand Provinces of Turkestan, 1918-1923] Razgrom kontrrevoliutsii v Ferganskoi i Samarkandskoi oblastiakh Turkestanskoi ASSR, 1918-1923 g. Pod red. A. Kh. Babakhodzhaeva. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 148 p.

KOMISSIIA ISTORIKOV SSSR I GDR. [Problems in the history of the Second World War, report of the proceedings of a scientific session in Leipzig from November 25 to November 30, 1957. Reports and discussions on the theme: Main trends in reactionary historiography of the Second World War] Problemy istorii Vtoroi Mirovoi voiny, protokol nauchnoi sessii v Leiptsige s 25 po 30 noiabria 1957 goda. Doklady i diskussii po teme: Vazhneishie napravleniia v reaktsionnoi istoriografii Vtoroi Mirovoi voiny. Red. kollegiia L. Shtern i dr. Moskva, Izd-vo inostr. lit-ry, 1959. 430 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Great power of Lenin's ideas] Velikaia sila leninskikh idei. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 534 p.

KOMPANIIETS', I. I. [Condition and the struggle of the workers of Galicia, Bukovina, and Transcarpathia at the beginning of the 20th century, 1900-1919] Stanovyshche i borot'ba trudiashchykh mas Halychyny, Bukovyny ta Zakarpattia na pochatku XX st., 1900-1919 roky. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 370 p.

KONSTANTINOV, F. T. [Lenin's theory of the socialist revolution and its further development] Leninskaia teoriia sotsialisticheskoi revoliutsii i ee dal'neishee razvitie. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 10)
MH

KOSTAREV, S. P. [Historical monuments of Buryat-Mongolia; concise reference book] Istoricheskie pamiatniki Buriatii; kratkii spravochnik. Pod obshchei red. G. N. Rumiantseva. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 97 p.

KRASNOV, N. N. [Unforgettable, 1945-1956] Nezabyvaemoe, 1945-1956. Izd. 2. N'iu-Iork, Knizhnyi magazin R. M. Vasil'eva [1960] 347 p.
(RPB)

KRIKUNOV, V. P. [Revolutionary intellectuals from the bourgeois class in the Northern Caucasus] Revoliutsionnye raznochintsy na Severnom Kavkaze. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1958. 143 p.

KRZHIZHANOVSKII, G. M. [Thinker and revolutionary] Myslitel' i revoliutsioner. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.
(CU)

KYZLASOV, L. R. [Tashtyk period in the history of the Khakass-Minusinsk Basin] Tashtykskaia epokha v istorii Khakassko-Minusinskoi kotloviny. [Moskva] Izd-vo Mosk. univ., 1960. 197 p.

LAVRENT'EV, A. K. [Secret war against Indonesia] Tainaia voina protiv Indonezii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 94 p.

LEVANDOVSKII, A. P. [Maximilien Robespierre] Maksimilian Robesp'er. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 495 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 23[289])

LEVIDOVA, S M. [First Russian revolutionary workers] Pervye russkie rabochie-revoliutsionery. Leningrad, Ob-vo po rasprostraneniiu polit i nauchn. znanii RSFSR Leningr otd-nie, 1959 33 p.

LEVS'KYI, V. M. [Struggle of the Czechoslovak people for a regime of the people's democracy during the Second World War] Borot'ba chekhoslovats'koho narodu za narodno-demokratychnu vladu v roky druzhoi svitovoi viiny. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 13)

LUNACHARSKII, A. V. [Reminiscences about Lenin] Rasskazy o Lenine. Moskva, Gos. izd-vo polit. lit-ry, 1959. 31 p.

MELIKISHVILI, G. A. [A history of ancient Georgia] K istorii drevnei Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 507 p.

MOLOK, A. I., and V. A. ORLOV, eds. [Anthology of modern history, a handbook for teachers in secondary schools] Khrestomatiia po novoi istorii, posobie dlia prepodavatelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv RSFSR.
Pt. 2. 1870-1918 1959. 372 p.

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [The history of the Great Patriotic War of the Soviet Union, 1941-1945 in six volumes] Istoriia Velikoi Otechestvennoi voiny Sovetskogo Soiuza, 1941-1945 v shesti tomakh. Red. komissiia: Pospelov, P. N., i dr. Moskva, Otdel istorii Velikoi Otechestvennoi voiny.
Vol. 1. [Preparation and unleashing of the war by the imperialist powers] Podgotovka i razviazyvanie voiny imperialisticheskimi derzhavami. 1960. 530 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Fifteen years of Korean independence] 15 let osvobozhdeniia Korei. Moskva, Izd-vo IMO, 1960. 152 p.

MOSKALEV, M. A. [V. I. Lenin in the last years of his life] V. I. Lenin v poslednie gody zhizni, 1921-1924 gg. Simferopol', Krymizdat, 1959. 126 p.

MYSHKO, D. I. [Ukrainian-Russian relations from the 14th to the 16th century] Ukrains'ko-rosiis'ki zv'iazky v XIV-XVI st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 175 p.

[N. S. KHRUSHCHEV'S VISIT IN TULA AND TULA PROVINCE, February 16-19, 1959] Prebyvanie N. S. Khrushcheva v Tule i Tul'skoi oblasti, 16-19 fevr. 1959 goda. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 115 p.
(MH)

OBERLAENDER'S BLOODY CRIMES; an account of a press conference for Soviet and foreign journalists held in Moscow, April 5, 1960] Krovavye zlodeianiia Oberlendera; otchet o press-konferentsii dlia sovetskikh i inostrannykh zhurnalistov, sostoiavsheisia v Moskve 5 aprelia 1960 goda. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 52 p.

UR IL'ICH; a collection of reminiscences by old Bolsheviks of the Zamoskvorech'ye district about meetings with V. I. Lenin] Nash Il'ich; sbornik vospominanii starykh bol'shevikov Zamoskvorech'ia o vstrechakh s V. I. Leninym. [Moskva] Mosk. rabochii, 1960. 215 p.

VLENKO, N. G., ed. [Defeat of German imperialism in the Second World War; articles and documents] Porazhenie germanskogo imperializma vo Vtoroi Mirovoi voine, stat'i i dokumenty. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 289 p.

VLICHENKO, L. M. [Heroic true story, defense of Sevastopol, 1941-1942] Geroicheskaia byl', oborona Sevastopolia, 1941-1942 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 80 p. (Goroda-geroi)

TROV, L. F. [V. I. Lenin, the great strategist of the proletarian revolution] V. I. Lenin— velikii strateg proletarskoi revoliutsii. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 18)

POLIAKOV, V. G. [England and the Munich collusion, March-September 1938] Angliia i miunkhenskii sgovor, mart - sentiabr' 1938 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 333 p.

POLTORAK, A. I. [From Munich to Nuremberg] Ot Miunkhena do Niurnberga. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 220 p.

REVUNENKOV, V. G., ed. [Modern history, a manual for secondary schools] Noviitnia istoriia; posibnyk dlia seredn'oi shkoly. Vyd. 3. Kyiv, Radians'ka shkola, 1959. 243 p.
(NNC)

SALADKOŬ, T. E. [Bolsheviks of White Russia during the First World War and the second Russian revolution, 1914-March 1917] Bol'sheviki Belarusi u perylad pershai susvetnai vainy i druhoi ruskai revoliutsyi, 1914-Sakavik 1917 gg. Minsk, Dziarzh. vyd-va BSSR, 1957. 170 p.
(NNC)

SAMSONOV, A. M [Battle of Stalingrad. From the defense and retreat to the great victory on the Volga, an historical account] Stalingradskaia bitva. Ot oborony i otstuplenii k velikoi pobede na Volge, istoricheskii ocherk. Moskva, Izd-vo Akad nauk SSSR, 1960. 605 p.

SHUYA. GOSUDARSTVENNYI MUZEI M. V. FRUNZE. [Recollections about Frunze] Vospominaniia o Frunze. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 321 p.
(MH)

SIDIEL'NIKOV, S. I. [Georgi Rakovski, Bulgarian revolutionary] Bolgars'kyi revoliutsioner Georgii Rakovs'kyi. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ., 1959. 172 p.

SPIRIDOVICH, A. I. [Great War and the February revolution, 1914-1917] Velikaia voina i Fevral'skaia revoliutsiia, 1914-1917 g. g. N'iu Iork, Vseslavianskoe izd-vo, 1960. 1 v.
(CU)

[STORIES ABOUT LENIN TOLD BY WORKERS] Rasskazy rabochikh o Lenine. Moskva, Izd-vo VTsSPS Profizdat, 1960. 173 p.

SUSHANLO, MUKHAMED. [Dungans of the Semirech'ye, the period before the October Revolution] Dungane Semirech'ia, dooktiabr'skii period (istoricheskii ocherk). Frunze, 1959. 102 p.
(CU)

SUSHANLO, MUKHAMED. [The Dungan uprising of the second half of the 19th century and Pai Yen-hu's role in it] Dunganskoe vosstanie vtoroi poloviny XIX veka i rol' v nem Bai IAn'-khu. Frunze, Kirgizskoe gos. izd-vo, 1959. 117 p.

UKRAINIAN NATIONAL STATE UNION IN U. S. A. [Symon Petliura, the great statesman] Simon Petliura, derzhavnyi muzh. N'iu Iork, 1957. 102 p.
(NN)

VAL'KOV, V. A. [Indonesia on the road of independent development] Indoneziia na puti nezavisimogo razvitiia. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 309 p.

VESELÝ, JINDŘICH. [Chronicle of February, 1948, in Czechoslovakia. Translated from the Czech] Khronika fevral'skikh dnei 1948 goda v Chekhoslovakii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 262 p.

VOLKOV, M. IA., and N. KUCHINSKII, [Present-day Britain] Sovremennaia Angliia. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7., Mezhdunarodnaia, no. 3)
MH

WILLIAMS, ALBERT RHYS. [Lenin and the October Revolution. Translated from the English. Preface by Boris Polevoi] O Lenine i Oktiabr'skoi revoliutsii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 286 p.

[YOUNG GUARD, a collection of documents and recollections about the heroic struggle of the underground of Krasnodon in the days of the temporary Fascist occupation, July 1942- February 1943] Moloda hvardiia; zbirnyk dokumentiv i spohadiv pro heroichnu borot'bu pidpil'nykiv Krasnodona u dni tymchasovoi fashysts'koi okupatsii, lypen' 1942 - liutyi 1943. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1960. 277 p.

ZADONSKII, N. A. Kondratii Bulavin. Moskva, Molodaia gvardiia, 1959. 207 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, vyp. 21[287])
(CU)

ZAMYSLOVA, Z. A. [Historical significance of the Great October Socialist Revolution] Vsemirno-istoricheskoe znachenie Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956 30 p

5. SOCIAL SCIENCES

ADAMOV, I. G., and V. I. LIASHENKO. [Struggle for the establishment of the economic and technical foundation of communism] Borot'ba za stvorennia material'no-tekhnichnoi bazy komunizmu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 90 p.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. [Materials on the economics of the agriculture of Yakutia] Materialy po ekonomike sel'skogo khoziaistva IAkutii. Moskva, Izd-vo Akad. nauk SSSR, 1957. 106 p.
(DBC)

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Problems in increasing labor productivity in Soviet industry; materials of a coordinated conference, January 1955] Problemy povysheniia proizvoditel'nosti truda v promyshlennosti SSSR, materialy nauchno-koordinatsionnogo soveshchaniia, ianvar' 1955 g. Moskva, Izd-vo Akad. nauk SSSR, 1955. 204 p.
(NjP)

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki mezhdunarodnykh otnoshenii. [Agriculture of capitalist countries; a statistical manual] Sel'skoe khoziaistvo kapitalisticheskikh stran, statisticheskii spravochnik. Otvet. red. A. Petrushov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 629 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut ekonomiki. [Distribution of the industry of White Russia for the processing of agricultural raw materials] Razmeshchenie promyshlennosti BSSR po pererabotke sel'skokhoziaistvennogo syr'ia Minsk, 1959 193 p.

AKHUNDOV, V. IU. [Azerbaijan in the seven-year plan] Azerbaidzhan v semiletke. Moskva, Gos izd-vo polit. lit-ry, 1959. 47 p.

ALEKSEEV, D. M., and A. P. MIKHAILOV. [European Coal and Steel Community] Evropeiskoe ob"edinenie uglia i stali. Pod red. N. N. Liubimova. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 283 p

ALTMYSHBAEV, A. [Some features of the transition to socialism in Central Asia] O nekotorykh osobennostiakh formy perekhoda Srednei Azii k sotsializmu. Frunze, Akad. nauk Kirgizskoi SSR, 1959. 90 p.
(CSt-H)

ALWAYS IN THE COMMUNIST RANKS; history of the Communist Youth League organization in Vologda Province] Vsegda s kommunistami riadom, iz istorii Vologodskoi oblastnoi komsomol'skoi organizatsii. [Vologda] Vologodskoe knizhnoe izd-vo, 1959. 100 p.

ANTONIUK, I. D., V. G. ORLOV, and A. V. SAMSONOV. [Manual for the stationmaster] Posobie nachal'nika stantsii Izd. 2., perer. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia 1960, 398 p.

AVRAAMOV, D. S. [The communist way; m
communist
munisticho
vospitanie
1960. 39 p
stranenliu p
Molodezhnoi

BLAGOEV, D. [What is socialism and does it have a foundation in our country? Marxism or Bernsteinism? Opportunism or socialism? Lenin and Marxism. Dictatorship or democracy? Translated from the Bulgarian] Chto takoe sotsializm i imeet li on pochvu u nas; Marksizm ili bernshteinianstvo. Opportunizm ili sotsializm, Leninizm i marksizm, Diktatura ili demokratiia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 2[illegible] p. (Bibliotechka [illegible], no. [illegible])

BOGORAD, D. I. [Regional planning; problems of planning industrial regions] Raionnaia planirovka; voprosy planirovki promyshlennykh raionov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 212 p.

BOL'SHAKOV, L. G. [World review, achievements of the U.S.S.R. at the World Fair in Brussels] Vsemirnyi smotr; uspekhi SSSR na Vsemirnoi vystavke v Briussele. Moskva, Izvestiia, 1959. 85 p.
(MH)

BOR, M. Z. [Planned balance of the national economy of the U.S.S.R.; practice in working out the balance] Planovyi balans narodnogo khoziaistva SSSR; opyt razrabotki. Pod red. S. G. Strumilina. Moskva, Gosplanizdat, 1959. 150 p.

BORISKIN, B. V. [Organization and methods of operation of trade unions in the U.S.S.R.] Organizatsiia i metody raboty profsoiuzov SSSR. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 32 p.

BORISOV, A. A. [Complete and final victory of socialism in the U.S.S.R.] Polnaia i okonchatel'naia pobeda sotsializma v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 5[illegible] p.

BOVA, P. P. [What it means to catch up with and to outspeed the U.S.A.] Chto znachit dognat' i peregnat' SShA. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 64 p.

BRASLAVSKII, I. M. [Special features in the postwar development of the capitalist economy] Osoblyvosti pisliavoiennoho rozvytku kapitalistychnoi ekonomiky. Kyiv, 1960. [illegible] p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 4)

BROVER, I. M. [G. V. Plekhanov's ideas on economics] Ekonomicheskie vzgliady G. V. Plekhanova. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 2[illegible]0 p.
(CU)

[CALENDAR AND HANDBOOK OF PERM PROVINCE] Kalendar'-spravochnik Permskoi oblasti, 1959. Perm', Permskoe knizhnoe izd-vo, 1958. 1 v.
(NNC)

CHELYABINSK. POLITEKHNICHESKII INSTITUT. [Problems in economics and the organization of production, a collection of articles] Voprosy ekonomiki i organizatsii proizvodstva, sbornik statei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 77 p.
(DLC)

CHERNOVTSY (Province) Oblastnoe statisticheskoe upravlenie. [The economy of Chernovtsy Province, statistical collection] Narodne hospodarstvo Chernivets'koi oblasti, statystychnyi zbirnyk. Chernivtsi, 1959. 171 p.

CHESNOKOV, D. I. [Dialectic of productive forces and productive relations in the period of the large-scale building of communism in the U.S.S.R.] Dialektika proizvoditel'nykh sil i proizvodstvennykh otnoshenii v period razvernutogo stroitel'stva kommunizma v SSSR. Moskva, Znanie, 1959. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 23)
(MH)

CHOU EN-LAI. [Establishing the basic indicators of the economic program for 1959 and broadening the movement for increasing industrial production and maintaining a policy of thrift, a report at the fifth session of the Standing Committee of the Second All-Chinese Assembly of People's Representatives, August 26, 1959] Ob utochnenii osnovnykh pokazatelei narodnokhoziaistvennogo plana na 1959 god i dal'neishem razvertyvanii dvizheniia za uvelichenie proizvodstva i soblıudenie rezhima ekonomii, doklad na 5-m zasedanii Postoiannogo komiteta Vsekitaiskogo sobraniia narodnykh predstavitelei vtorogo sozyva, 26 avgusta 1959 goda. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 50 p.

CHURILOVICH, L. M. [Production accounting and estimates in nonferrous metallurgy] Uchet proizvodstva i kal'kuliatsiia v tsvetnoi metallurgii. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 304 p.

DEMENT'EVA, A. N. [Protecting workers and employees in the U.S.S.R.] Okhrana truda rabochikh i sluzhashchikh SSSR. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 16 p.

DIKAMBAEV, K. D. [Kirghizia in the seven year plan] Kirgiziia v semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1960. 47 p.

DOROSHENKO, VOLODYMYR. [Prosvita, its establishment and activities, a brief historical account with a supplement about Prosvita in other countries] Prosvita, ii zasnuvannia i pratsia; korotkyi istorychnyi narys z dodatkom pro Prosvity v inshykh kraiakh. Fyladel'fiia, Moloda Prosvita, 1959. 10[illegible] p.
(MH)

DYMNYI, M. G. [Communist from the Kirov Plant] Kommunist s Kirovskogo. [Leningrad] Lenizdat, 19[illegible] 46 p.

EGOROV, N. S. [Industry of Kirghizstan] Promyshlennost' Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1960. 104 p.

EVSTIGNEEV, R. N. [Economic development of the Czechoslovakian Republic] Razvitie ekonomiki Chekhoslovatskoi Respubliki. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1960. 90 p. (Itogi nauki: ekonomicheskoe razvitie stran narodnoi demokratii)

[MH [illegible]]

F[illegible], N. D., M. I. [illegible], and A. I. IVANTSOV. [Method of planning and calculation for [illegible] work practice of the [illegible] Plant] Planirovanie i [illegible] rabota [illegible] Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 60 p.

[MH [illegible]]

FEDOSEEV, S. A. [Utilizing the [illegible] of the [illegible] in the U.S.S.R.] [illegible] Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 80 p.

FILIMONOV, N. P. [New phase in the carrying out of Lenin's idea of building communism] Novyi etap v osushchestvlenii leninskogo plana postroeniia kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. [illegible] p.

F[illegible], L. A. ["Columbus Plow" and [illegible] Acts] "Plug Kolumba" [illegible] Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 11[illegible] p.

FREI, L. I. [International clearing and the financing of foreign trade in capitalist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1960. 320 p.

GAL'DIAEV, P. K. [What is scientific socialism] Chto takoe nauchnyi sotsializm. Moskva, Gos. izd-vo polit. lit-ry, 1959. 63 p.

[GENERAL CULTURAL WORK AMONG RAILROAD EMPLOYEES, from the practice of trade union organizations and cultural organizations of railroad transport] Kul'turno-massovaia rabota sredi zheleznodorozhnikov, iz opyta raboty profsoiuznykh organizatsii i kul'turno-prosvetitel'nykh uchrezhdenii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 103 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Moskovskii filial. [Qualitative calculation and evaluation of land] Kachestvennyi uchet i otsenka zemel'. Moskva, Gos. izd-vo geogr. lit-ry, 1959. 228 p.
(DLC)

GOTSIRIDZE, O. D. [Seven year plan of Georgia] Semiletka Gruzii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (V semiletke)

GLEBOV, A. M. [Tables for reckoning the wages of workers and employees] Tablitsy raschetov zarabotnoi platy rabochikh i sluzhashchikh. Moskva, Gosfinizdat, 1959. 40 p.
(DI)

GRIGOR'EV, D. P. [Chemical industry in the Omsk Economic Region] Khimicheskaia promyshlennost' Omskogo ekonomicheskogo raiona. [Omsk] Omskoe knizhnoe izd-vo, 1959. 27 p.

[illegible] and [illegible] [illegible] [Ways of [illegible] plan [illegible] the [illegible] Region] [illegible] 1960. 6[illegible] p.

GURVICH, [illegible] [illegible] 1958. 62 p.
(NNC)

G[illegible] [illegible] Moskva, Gos. [illegible]
(DLC)

[illegible] [illegible] economy] [illegible] of book [illegible]

[illegible] [illegible] stock] Plan- [illegible] Moskva, [illegible]
(DLC)

[illegible] [illegible] of automation [illegible] Moskva, [illegible] 1960. [illegible] p. [illegible]

[illegible] [illegible] administrative [illegible] [illegible]

[illegible] [illegible] from [illegible] Izd-vo polit. [illegible]

[illegible] [illegible] 1959. 20 p.

[illegible] [illegible] statistike, Moskva, [illegible]

[illegible] [illegible] organization in [illegible]

[illegible] [illegible] workers [illegible] Moskva, Gos. izd-vo polit. lit-ry [illegible]

[illegible] BIBLIOTEKA [illegible] [illegible] Kyiv, [illegible]

[illegible] [illegible] September 10, 1945] [illegible] 1945 [illegible] [1947] 94 p.
(MH)

[illegible]

[illegible]

[illegible]

[illegible] [illegible] during the period of the large-scale building of communism] [illegible] Moskva, Izd-vo "Znanie," 1960. 48 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. [illegible])

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

A 5-6

POPOV, I.S. [Financial work of rural soviets] Finansovaia rabota v sel'skom sovete. Moskva, Gosfinizdat, 1957. 103 p.
(IU)

[POSTAGE STAMPS OF THE U.S.S.R., a catalog] Pochtovye marki SSSR, katalog. Moskva, Glav. filatelisticheskaia kontora, 1958. 620 p.

POTEMKIN, IU V. [Economic policy of France in North African countries from 1945 through 1955] Ekonomicheskaia politika Frantsii v stranakh Magriba, 1945-1955 gg Moskva, Izd-vo vostochnoi lit-ry, 1960 122 p.

[PURGATORY, letters from Italian children Translated from the Italian] Dolina chistilishcha, pis'ma ital'ianskikh detei Sobrany Dinoi Rinal'di Pred Karlo Levi Moskva, Izd-vo sotsial'no-ekon lit-ry, 1959 126 p

RAZUMENKO, A V, and I D. AZARNOV [Commerce in the White Russian S S R during the seven-year plan] Torgovlia v Belorusskoi SSR v semiletke Minsk, 1960 23 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no 3)

RAZUMOV, I.M., and others [Organizing and planning machinery plants] Organizatsiia i planirovanie mashinostroitel'nykh predpriiatii Pod red. I.M Razumova i L.IA Shukhgal'tera Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 491 p.

[A REGIONAL ECONOMIC COUNCIL AND LIFE, from practice of industrial administration in the Kharkov Economic Administrative Region Collection of articles] Sovnarkhoz i zhizn', iz opyta upravleniia predpriiatiiami Khar'kovskogo ekonomicheskogo administrativnogo raiona Sbornik statei [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959 212 p.

RIABCHIKOV, E.I. [The sun is shining on the seven-year plan] Solntse svetit semiletke. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 86 p.

RODIONOVA, L.V., and others. [Shopless organization of the management at the Marat Confectionery Plant in Moscow] Bestsekhovaia struktura upravleniia na moskovskoi konditerskoi fabrike im. Marata. Moskva, Gos. nauchno-issl. in-t nauchn. i tekhn. informatsii, 1959. 31 p. (Obmen otechestvennym opytom)

ROKYTKO, A.I. [In peaceful economic competition socialism is winning] V myrnomu ekonomichnomu zmahanni peremahaie sotsializm. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 1)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Sailing schedule from the Moscow Northern River Station for 1960] Raspisanie dvizheniia sudov ot Moskovskogo Severnogo rechnogo vokzala na 1960 god. Moskva, Izd-vo "Rechnoi transport," 1960. 71 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo sviazi. [Concise telephone directory of the Leningrad telephone system for 1960] Kratkii telefonnyi spravochnik Leningradskoi gorodskoi telefonnoi seti, 1960. Leningrad, Izd. Upr. Leningr. gorodskoi telefonnoi seti, 1960. 285 p.

RUSSIA (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Timetable of Moscow-Dmitrov-Dubna suburban trains on the Savelovo line of the Moscow Railroad] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Dmitrov - Dubna, Savelovskaia liniia Moskovskoi zh.d., leto 1960 goda. [Moskva] Transzheldorizdat [1960] 39 p.

RUSSIA (1923- U.S.S R) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook of consolidated indicators for estimated costs and expenditure of resources, buildings and structures of city electric transportation systems] Spravochnik ukrupnennykh pokazatelei smetnoi stoimosti i raskhoda resursov, zdaniia i sooruzheniia gorodskogo elektrotransporta Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam.
No 1. 1959. 73 p.

RUSSIA (1923- U.S S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for building and assembling operations and repair work in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam
Sbornik 13 [Shore protection and stabilization] Beregoukrepitel'nye i vypravitel'nye raboty 1960. 103 p.

RUSSIA (1923- U.S S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Uniform time and pay standards for building and assembling operations and repair work in 1960 General specifications] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g Obshchaia chast'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960 31 p.

RUSSIA (1923- U.S S.R) Ministerstvo putei soobshcheniia. [Instructions on the making up of freight shipments in international railroad transportation] Instruktsiia o poriadke oformleniia perevozok gruzov v mezhdunarodnykh zheleznodorozhnykh soobshcheniiakh Moskva, Gos transp zhel-dor, izd-vo, 1960 55 p (Tarifnoe rukovodstvo no 21)

RUSSIA (1923- U.S.S.R.) Ministerstvo vneshnei torgovli. Planovo-ekonomicheskoe upravlenie. [Foreign trade of the U.S S.R. in 1959; statistical review] Vneshniaia torgovlia Soiuza SSR za 1959 god, statisticheskii obzor. Moskva, Vneshtorgizdat, 1960. 183 p.

RYBNIKOV, S.A. [Basic life insurance schedules] Osnovy tarifnykh raschetov po strakhovaniiu zhizni. Moskva, Gosfinizdat, 1959. 56 p.

SAVAROVSKII, M.IA. [Advance planning in mining enterprises of the nonferrous metal industries, from an economist's practice] Perspektivnoe planirovanie na gornodobyvaiushchikh predpriiatiiakh promyshlennosti tsvetnykh metallov, iz opyta ekonomista. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 312 p.

SAVEL'EV, N.A. [American capital in the Philippines] Amerikanskii kapital na Filippinakh. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 203 p.

SERGEEV, K. [Shift norm in seven hours, from the work practice of a trade union factory committee of the Saratov Motion-Picture Equipment Plant] Smennuiu normu za sem' chasov, iz opyta raboty zavodskogo komiteta profsoiuza Saratovskogo kinomekhanicheskogo zavoda. [Moskva] Izd-vo VTsSPS Profizdat, 1958. 62 p.

SEVERNOE GOSUDARSTVENNOE RECHNOE PAROKHODSTVO. [Passenger's guide for the 1957 navigation season] Spravochnik passazhira na navigatsiiu 1957 goda. Arkhangel'sk, 1957 145 p.

SHALIMOV, K.V., and V.G. SHABALOV. [How we organized the transfer of mines to a new wage system] Kak my organizovali perevod shakht na novuiu sistemu oplaty truda. Moskva, Ugletekhizdat, 1958. 27 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

SHARAPOV, G.V. [Beginning of the socialist reorganization in villages during the first years of the Soviet regime] Nachalo sotsialisticheskikh preobrazovanii v derevne v pervye gody Sovetskoi vlasti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 86 p.

SHIRIAEV, IU.S. [Equalizing the general direction of the development of socialist countries] Vyravnivanie obshchei linii razvitiia sotsialisticheskikh stran Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 61 p. (Materialy k lektsiiam po politicheskoi ekonomii)

SHLIANIN, V N. [Wood chemistry industry from 1959 to 1965] Lesokhimicheskaia promyshlennost' v 1959-1965 gg Moskva, Gosplanizdat, 1960. 97 p.

SIMONISHVILI, Z E [Special features of the form of transaction to a socialist society in China. Osobennosti form perekhoda v sotsialisticheskoe obshchestvo v Kitae. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1960 211 p [In Georgian]

[SKILLED PEOPLE] Umelye liudi [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 181 p

SLOBODSKAIA, N.P. [Smolensk Ceramic Plant] Smolenskii keramicheskii. [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. 88 p.

SMIRNOV, A.D. [Wages under capitalism, lecture on a course in political economy] Zarabotnaia plata pri kapitalizme; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 37 p.

SÖDER, GÜNTER. [Study in right-wing socialist ideology. Translated from the German] Ocherk pravosotsialisticheskoi ideologii Moskva, Izd-vo inostr. lit-ry, 1959. 194 p.
(CU)

STARIKOV, A.N. [Problems in construction economics] Voprosy ekonomiki stroitel'nogo proizvodstva. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 162 p.

STAVROPOL'SKIY KRAY. Statisticheskoe upravlenie. [Economy of Stavropol Territory; a statistical manual] Narodnoe khoziaistvo Stavropol'skogo kraia, statisticheskii sbornik. Krasnodar, Gosstatizdat, 1959. 310 p

STOLIAROV, S.G. [On prices and price determination in the U S S.R., statistical-economic studies] O tsenakh i tsenoobrazovanii v SSSR, statistiko-ekonomicheskie ocherki Moskva, Gosstatizdat TsSU SSSR, 1960. 74 p.

SUPRUNENKO, A.L. [China builds socialism] Kitai stroit sotsializm. [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. 331 p.

TAKHAEV, KH IA [Natural conditions and resources of the Bashkir A.S.S.R., economic geography] Prirodnye usloviia i resursy Bashkirskoi ASSR, ekonomiko-geograficheskaia kharakteristika. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 206 p.

TEPLYTS'KYI, V.P. [Reform of 1861 and agrarian relations in the Ukraine, from the 1860's to the 1890's] Reforma 1861 roku i agrarni vidnosyny na Ukraini, 60-90-ti roky XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 305 p.

TORCHINSKII, A G [Fak's address remains the same, story] Adres Faka ostaetsia prezhnim, ocherk Moskva, Gos izd-vo polit. lit-ry, 1960 78 p (Povesti o delakh i liudiakh partii)

TRUNOV, D.I. [Grow, Republic!] Rasti, respublika! Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 143 p.

[U.S.S.R.; the main construction jobs of the seven-year plan, 1959-1965] SSSR; osnovnye stroiki semiletki, 1959-1965. Moskva, Glav. uprav. geod. i kartografii MVD SSSR, 1959. map.
(DA)

UKRAINE. Statisticheskoe upravlenie [Gross harvest and yield of agricultural crops in the Ukraine, a statistical manual] Valovi zbory i urozhainist' sil's'kohospodars'kykh kul'tur po Ukrains'kii RSR, statystychnyi zbirnyk. Kyiv, Derzh stat vyd-vo, 1959. 338 p.

[WORK BEGETS HEROISM] Munka nashte eroizmul; skitse despre eroii muncii socialiste din Moldova. Kishineu, Editura de Stat a Moldovei, 1958. 250 p. [In Moldavian.]

ZALESKI, A. I [Life of White Russian peasants in a region of guerrilla warfare] Byt belaruskikh sialian u partyzanskim krai. Minsk, Vyd-va Akad. navuk BSSR, 1960 209 p.

ZATONS'KYI, D., and Z. LIBMAN. [Poisoned weapons, reactionary literature and art in the struggle against reason, humanity, and progress] Otruiena zbroia, reaktsiini literatura ta mystetstvo u borot'bi proty rozumu, liudianosti, progresu. Kyiv, Derzhlitvydav, 1959. 408 p.
(MH)

ZHUIKOV, G.G. [Accounting on collective livestock farms] Uchet i kontrol' na kolkhoznykh zhivotnovodcheskikh fermakh. [Moskva] Mosk. rabochii, 1959. 115 p.
(DA)

ZIBER, N.I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. [Studies on primitive economic cultures] Ocherki pervobytnoi ekonomicheskoi kul'tury; stat'i. 1959. 693 p.

ZORIN, V.I. [Americans, monopolies, and taxes] Amerikanets, monopolii, nalogi. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p.

6. POLITICAL SCIENCE

AKADEMIIA NAUK SSSR. Institut prava. [Congress of the Soviets of the U.S S.R., Union and Autonomous Soviet Socialist Republics, a collection of documents in three volumes, 1917-1936] S"ezdy Sovetov Soiuza SSR, soiuznykh i avtonomnykh Sovetskikh Sotsialisticheskikh Respublik; sbornik dokumentov v trekh tomakh, 1917-1936 g.g. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 3. [Congress of Soviets of the Union of Soviet Socialist Republics, a collection of docu-

[illegible]

[LITERATURE ON PARTY WORK] Literatura po partiinoi [illegible]. [Moskva] Gospolitizdat [illegible]

[illegible] [The Soviet friendship is a powerful [illegible] translated from the Chinese] [illegible] Moskva [illegible]

[illegible] [illegible] of the United Nations, [illegible] the United Nations Statute] [illegible] Moskva [illegible] 1956. [illegible] p.

[illegible] Moskva [illegible]

[illegible] Moskva [illegible]

[illegible] Moskva [illegible]

[illegible] [illegible] Party [illegible] Moskva [illegible]

[illegible] [illegible] Party [illegible] Moskva [illegible]

[illegible] [Lenin, the party, and the masses. [illegible] Communist Party [illegible] under the leadership of Lenin [illegible] with the masses [illegible]] [illegible] Moskva [illegible]

[illegible] U.S.S.R. [illegible] April [illegible] 1938 [illegible] Verbatim report] [illegible] Moskva [illegible]

[illegible] [Communist Party, the inspirer and organizer of the victory of the Soviet people in the Great Patriotic War, June 1941-1945, materials to aid the study of the [illegible]] [illegible]

[illegible] [The Bolshevik Party during the world imperialist war, the second revolution in Russia, 1914-February 1917. [illegible]] [illegible] Moskva, [illegible] pri TsK [illegible]

SHEPEL', L.H. [A Communist; a sketch] Komunist, narys. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 50 p.

[THEY CAN'T AVOID THE RESPONSIBILITY; facts exposing the perfidious policy of the ruling circles in the U.S.A.] Im ne uiti ot otvetstvennosti; fakty, razoblachaiushchie verolomnuiu politiku pravliashchikh krugov SShA. Pred. M. A. Kharlamova. Moskva, Izd-vo inostr. lit-ry, 1960. 232 p.

TSVIRTKOV, R. N. [Who needs the "cold war" in the U.S.A.] Komu v SShA potribna "kholodna viina." Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 57 p.

UKRAINE. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Ukrainian S.S.R., third session, March 13-15, 1957. Verbatim report] Zasidannia Verkhovnoi Rady Ukrains'koi RSR Chetvertoho sklykannia, tretia sesiia, 13-15 bereznia 1957 roku. Stenografichnyi zvit. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1957. 301 p.

VAZHENTSEV, I. A. [At the forefront of heroic workers; the party organization of the Kirov Plant during the Great Patriotic War] Vo glave geroicheskogo kollektiva; partiinaia organizatsiia Kirovskogo zavoda v gody Velikoi Otechestvennoi voiny. [Leningrad] Lenizdat, 1959. 374 p.

VSESOIUZNOE OBSHCHESTVO PO RASPROSTRANENIIU POLITICHESKIKH I NAUCHNYKH ZNANII. [Series of lectures entitled "Soviet foreign policy", on the 30th anniversary of the Soviet State] Tsikl lektsii "Sovetskaia vneshniaia politika", k 30-letiiu Sovetskogo gosudarstva." Moskva, Pravda, 1947. 4 v.
(Wall)

[WE STUDY COMMUNIST THEORY AND ARE BUILDING COMMUNISM; collected articles to aid propagandists and members of Communist Youth League groups that study the theme "Communism as a practical objective of our generation."] Uchimsia kommunizmu - stroim kommunizm; sbornik statei v pomoshch' propagandistam i slushateliam komsomol'skikh politkruzhkov "Kommunizm - prakticheskaia zadacha nashego pokoleniia." [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 317 p.

[WHEN THE PEOPLE RULE] Kogda pravit narod. Moskva, Gos. izd-vo polit. lit-ry, 1958. 98 p.
(NNC)

[YOUR NAME IS KOMSOMOL; a collection of articles and essays on the history of the Communist Youth League organizations of Khabarovsk Territory] Imia tvoe - Komsomol; sbornik statei i ocherkov iz istorii komsomol'skikh organizatsii Khabarovskogo kraia. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1958. 120 p. (40 let VLKSM)
(MH)

7. LAW

AKADEMIIA NAVUK BSSR, Minsk. Addzel pravavykh navuk. [The Statute of the Great Duchy of Lithuania, the edition of 1529] Statut Velikogo kniazhestva Litovskogo 1529 goda. Pod red. K. I. Iablonskisa. Minsk, 1960. 251 p.

BARDIN, P. L., K. P. GORSHENIN, and P. I. KUDRIAVTSEV, eds. [Concise legal dictionary and handbook for the layman] Kratkii iuridicheskii slovar'-spravochnik dlia naseleniia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 466 p.

BERCHENKO, A. IA. [Essence and principles of Soviet socialist law; a lecture delivered at the Higher Correspondence Party School, sponsored by the Central Committee of CPSU] Sushchnost' i printsipy sovetskogo sotsialisticheskogo prava; lektsii, prochitannye v ZVPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 41 p.

BLISHCHENKO, I. P. [International and domestic law] Mezhdunarodnoe i vnutrigosudarstvennoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 237 p.

BURIAT A.S.S.R. Constitution. [Constitution (fundamental law) of the Buryat Autonomous Soviet Socialist Republic] Buriadai Avtonomno Sovetske Sotsialisticheske Respublikyn konstitutsi (undehen khuuli). [n. p.] Bur ASSR ei Verkhovno Sovedei kheblel, 1958. 24 p. [In Buryat.]

CHECHOT, D. M. [Contesting parties in civil procedure] Uchastniki grazhdanskogo protsessa. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 189 p.

[CITY TRAFFIC REGULATIONS] Pravila ulichnogo dvizheniia. Barnaul, Altaiskoe knizhnoe izd-vo, 1959. 127 p.

ELIASBER, M. I. [Laws that regulate the work of members of the producers' cooperatives of disabled persons] Pravovoe regulirovanie truda chlenov kooperativnykh promyslovykh artelei invalidov. Moskva, Vsesoiuz. koop. izd-vo, 1959. 71 p.

GERTSENZON, A. A. [Basic principles of the criminal law of the U.S.S.R. and the Union Republics] Osnovy ugolovnogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 86 p.

GRAVE, K. A., and L. A. LUNTS. [Insurance] Strakhovanie. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 175 p. (Kurs sovetskogo grazhdanskogo prava)

GRISHAEV, P. I., and G. A. KRIGER. [Complicity according to Soviet criminal law] Souchastie po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 251 p.

IL'DRAEV, [illegible]. [Irrigation laws of the Kirghiz S.S.R.; a brief study] Pravo [illegible] vodopol'zovaniia v Kirgizskoi SSR; kratkii ocherk. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 102 p.

IVANOV, V. N. [Man and the law] Chelovek i zakon. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 70 p.

KAREV, D. S., ed. [Legal manual for the deputy of a local soviet] Iuridicheskii spravochnik deputata mestnogo Soveta. [Moskva] Izd-vo Mosk. univ., 1960. 390 p.

KHODUNOV, M. E. [Legal problems of through freight transportation] Pravovye voprosy perevozok v priamom smeshannom soobshchenii. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 67 p.

KOLESNICHENKO, A. N., and G. A. MATVEEVSKII. [Use of scientific and technical methods in working on traces during examination of the scene of the crime] Primenenie nauchno-tekhnicheskikh sredstv v rabote nad sledami pri osmotre mesta proisshestviia. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1960. 91 p.

LEVIN, A. M., P. A. OGNEV, and V. L. ROSSEL'S. [Defense lawyers in Soviet courts; a textbook for attorneys at law] Zashchitnik v sovetskom sude; posobie dlia advokatov. Pod red. I. N. [illegible]. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 333 p.

PANKRATOV, I. F. [Legal forms of the responsibility of collective farm officials] Pravovye formy otvetstvennosti dolzhnostnykh lits kolkhozov. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 108 p.

POKROVSKII, I. F. [Legal status of the horticultural associations of workers and employees] Pravovoe polozhenie sadovodcheskikh tovarishchestv rabochikh i sluzhashchikh. Moskva, Gos. izd-vo iurid. lit-ry, 1957. 75 p.

[RIVER TRANSPORTATION IN THE DIRECTIVES OF THE COMMUNIST PARTY, LEGISLATIVE ACTS AND REGULATIONS OF THE SOVIET GOVERNMENT, 1918-1959] Rechnoi transport v direktivakh Kommunisticheskoi partii, zakonodatel'nykh aktakh i postanovleniiakh Sovetskogo Pravitel'stva, 1918-1959. Moskva, Izd-vo "Rechnoi transport," 1959. 330 p.

RUDENKO, R. A., ed. [Nuremberg trial of the chief German war criminals; a collection of materials in seven volumes] Niurnbergskii protsess nad glavnymi nemetskimi voennymi prestupnikami; sbornik materialov v semi tomakh. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 5. [Cross examination of the accused and speeches of the lawyers] Doprosy podsudimykh i rechi advokatov. 1960. 681 p.

RUSSIA (1917- R.S.F.S.R.) Laws, statutes, etc. [Chronological collection of laws, decrees of the Presidium of the Supreme Soviet, and enactments of the Government of the R.S.F.S.R.] Khronologicheskoe sobranie zakonov, ukazov Prezidiuma Verkhovnogo Soveta i postanovlenii pravitel'stva RSFSR. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 5. 1954-1956 gg. 1959. 701 p.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi sud. [Collection of resolutions of the Presidium and decisions of the Judicial Collegium on civil cases of the Supreme Court of the R.S.F.S.R., 1957-1958] Sbornik postanovlenii Prezidiuma i opredelenii Sudebnoi kollegii po grazhdanskim delam Verkhovnogo suda RSFSR 1957-1958 gg. Pod red. A. T. Rubicheva. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 232 p.

RUSSIA (1917- R.S.F.S.R.) [illegible] Metodicheskii [illegible] for military [illegible] [illegible] lit-ry, 1959. [illegible] p.

[illegible] A.S.S.R. Constitution. [illegible] law) of the North Ossetian A[illegible], with amend[illegible] of the Fourth [illegible] A.S.S.R.] [illegible] Respubliki, [illegible] ASSR [illegible] p.
(MH)

[illegible] teoriia ulik [illegible], 1960. 150 p.

[illegible] of [illegible] p.

[illegible] Moskva, Gos. [illegible] p.

[illegible] p.

[illegible] (fundamental law) [illegible] (Constitution) [illegible] Socialist [illegible].

[illegible] (fundamental law) [illegible] Republic, with [illegible] third, fourth, fifth, [illegible] fourth [illegible] [illegible] Acts? [illegible] p.
(MH)

[illegible] [illegible] law [illegible] Moskva, [illegible].

[WHO AM I [illegible] AND WHAT ARE THE [illegible]] [illegible]

[illegible], N. V. [illegible] which are the [illegible], based on the [illegible] Moskva, [illegible] lit-ry, 1958. 68 p.

8. EDUCATION

AKADEMIIA [illegible] NAUK [illegible], Moscow. [A. S. Makarenko [illegible]] A. S. Makarenko; [illegible]. Pod red. [illegible] Moskva, 1959. [illegible] p.

[illegible], S. A. [illegible] [Moskva] [illegible], Profizdat, 1959. 203 p. [illegible]

[illegible], H. H. [Cultural and educational work in [illegible]] [illegible] Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 31 p.

[illegible], I. V., and [illegible]. [illegible] Moskva, [illegible] 1959. 311 p.

[illegible], A. M. [illegible] for the masses, from the work practice of the first university of culture] [illegible] Moskva, [illegible] 1960. 46 p.

[illegible]

[illegible]

[illegible]

10 FINE ARTS

[illegible]

A 10-11

BRANDENBURG, B. IU., and V. G. GROSSMAN. [Hotel-type apartment houses, design and construction] Zhilye doma gostinichnogo tipa, opyt proektirovaniia i stroitel'stva Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. 1960. 151 p.

DZHAPARIDZE, U. M. [Ucha Malakievich Dzhaparidze, selected works] Ucha Malakievich Dzhaparidze, izbrannye proizvedeniia. [Moskva] Sovetskii khudozhnik, 1959. [4] p., 12 plates.
(NN)

FEDOROV, S. I. [Mar'ino country estate] Usad'ba Mar'ino. Moskva, Gos izd-vo lit-ry po stroit, arkhit. i stroit. materialam, 1960. 83 p (Sokrovishcha russkogo zodchestva)

FEODOSIYA. KARTINNAIA GALEREIA IMENI I. K. AIVAZOVSKOGO. [Guidebook to the I. K. Aivazovskii Gallery] Putivodytel'. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 112 p.
(MH)

KASIIAN, V. I [Soviet Ukrainian graphic arts] Ukrains'ka radians'ka grafika. Kyiv, 1959. 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser 8, no. 24)

KOSSAKOVSKII, V. A, and O I RZHEKHINA [Row houses in foreign countries] Blokirovannye doma za rubezhom. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 177 p

MOROZOV, S. A. [Photographer and artist, Maksim Dmitriev, 1858-1948] Fotograf-khudozhnik Maksim Dmitriev, 1858-1948. Moskva, Gos. izd-vo "Iskusstvo," 1960. 45 p., illus.

MOSCOW. MUZEI ARKHITEKTURY. [Moscow, an architectural guidebook] Moskva; arkhitekturnyi putevoditel'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 587 p.

MOSCOW. VSESOIUZNAIA IUBILEINAIA KHUDOZHESTVENNAIA VYSTAVKA, 1957. [All-Union art exhibition devoted to the fortieth anniversary of the Great October Socialist Revolution Graphic arts] Vsesoiuznaia khudozhestvennaia vystavka, posviashchennaia sorokaletiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Grafika. Moskva, Sovetskii khudozhnik, 1959. 127 p.
(MH)

NESTEROV, M. V. [Bygone days; encounters and recollections] Davnie dni; vstrechi i vospominaniia. Izd. 2. Moskva, Iskusstvo, 1959. 398 p.
(CU)

POPOVA, O. S. [Artistic Russian ceramics for everyday use] Russkaia khudozhestvennaia bytovaia keramika. Moskva, Koiz, 1959. 48 p. (chiefly illus.)

[PRESENT-DAY GRAPHIC ARTS OF CAPITALIST COUNTRIES OF EUROPE AND AMERICA] Sovremennaia grafika kapitalisticheskikh stran Evropy i Ameriki. Moskva, Gos. izd-vo izobraz. iskusstva, 1959. 20 p., illus.

RCHEULISHVILI, L. D. [Construction at Tigva carried out by the Shirvan Queen Tamara; from the history of 12th century Georgian architecture] Tigva, stroitel'stvo shirvanskoi tsaritsy Tamary; ocherk iz istorii gruzinskogo zodchestva XII veka. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 109 p., 33 p., of illus. [In Georgian with summaries in Russian and German.]

ROZHANKIVS'KYI, V. F. [Artistic Ukrainian glass] Ukrains'ke khudozhnie sklo. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 148 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. Glavnoe upravlenie standartnogo domostroeniia. [Catalog of designs of prefabricated houses of few stories] Katalog proektov sbornykh maloetazhnykh domov zavodskogo izgotovleniia. [Moskva, 1959] 94 p.

[UKRAINIAN DECORATIVE DESIGNS] Ukrains'kyi narodnyi dekoratyvnyi rozpys. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 4 p., 29 post cards]

[V. I. LENIN IN WORKS BY SOVIET ARTISTS; in commemoration of the 90th anniversary of his birth] V. I. Lenin v proizvedeniiakh sovetskikh khudozhnikov; k 90-letiiu so dnia rozhdeniia. [Moskva, Sovetskii khudozhnik, 1960] 10 p., 75 plates.
(MH)

VIRSALADZE, T. B. TSimakuridze. Moskva, Gos. izd-vo "Iskusstvo," 1959. 41 p., illus.

ZAKHAROV, A. I. [Traditional architecture of Moldavia; stone building in central regions] Narodnaia arkhitektura Moldavii; kamennaia arkhitektura tsentral'nykh raionov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 91 p.

11. LANGUAGE, LITERATURE & FOLKLORE

ABRAZHEEV, A. I., P. A. DANILOV, and R. I. BIGAEV. [Essays on the comparative grammar of the Russian and Uzbek languages; a textbook for correspondence courses in the Russian language and Russian literature of the pedagogical institutes of Uzbekistan] Ocherki po sopostavitel'noi grammatike russkogo i uzbekskogo iazykov, uchebnoe posobie dlia zaochnykh otdelenii fakul'tetov russkogo iazyka i literatury pedvuzov Uzbekistana. Pod red. R. I. Dzhumaniiazova i R. I. Bigaeva. Tashkent, Akad. nauk UzSSR, 1960. 188 p.

AGASHINA, M. K. [Forty grasses; verse] Sorok trav; stikhi. Moskva, Sovetskii pisatel', 1959. 77 p.
(MH)

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Problems in textual criticism] Voprosy tekstologii; sbornik statei. Moskva.
No. 2. 1960. 273 p.

AKADEMIIA NAUK SSSR Institut russkoi literatury. [Literary archives; materials on the history of literature and the social movement] Literaturnyi arkhiv; materialy po istorii literatury i obshchestvennogo dvizheniia. Pod red K D. Muratovoi. Moskva, Izd-vo Akad. nauk SSSR
Vol 5. 1960. 362 p.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [Literatures of India; a collection of articles] Literatury Indii; sbornik statei. Moskva, 1958. 257 p.
(NN)

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut iazyka i literatury. [Uzbek folk epic] Uzbekskii narodnyi epos. Izd. 3. Tashkent. [In Uzbek.]
Vol. 1. 1958. 505 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut litaratury i mastatstva. [White Russian literature; studies and papers] Belaruskaia litaratura; dasledavanni i publikatsyi. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1958. 2 v.
(NN)

AKADEMIIA NAVUK BSSR, Minsk. Literaturny muzei IAnki Kupaly. [The beloved poet of the White Russian people] Liubimy paet belaruskaha naroda. Minsk, 1960. 257 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut metodov obucheniia. [Teaching the Russian language in grades five and seven: syntax; methods manual for teachers] Prepodavanie russkogo iazyka v V-VII klassakh: sintaksis; metodicheskoe posobie dlia uchitelei. Pod red. V. A. Dobromyslova. Moskva, Izd-vo Akad. pedagog. nauk, 1960. 359 p. (Pedagogicheskaia biblioteka uchitelia)

AKHMANOVA, O. S., ed. [Russian-English dictionary] Russko-angliiskii slovar'. Okolo 25 000 slov. Izd. 13, ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 492 p.
[MICROFILM]

AKYMENKO, M. V., and M. A. ANDRIIEVYCH. [I believe; a play] Ia viriu; drama. Kyiv, Derzhlitvydav, 1959. 99 p.
(MH)

ALEKSICH, A. P., and S. M. BRAILOVSKAIA. [Manual to accompany "Our literature," an anthology for the 5th grade] Rukovodstvo k rabote po khrestomatii "Rodnaia literatura" V klass. Izd. 6., ispr. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 149 p.
(NIC)

ANDREEV, V. D., pseud. [The will to live is great; a tale] Ochen' khochetsia zhit'; povest'. Moskva, Voen. izd-vo, 1959. 399 p. (Bibliotechka voennykh prikliuchenii)
(IU)

[ANTHOLOGY OF LATVIAN POETRY] Antologiia latyshskoi poezii. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 2 v.
(CU)

[ANTHOLOGY OF UKRAINIAN POETRY] Antologiia Ukrainskoi poezii. [Moskva, Gos. izd-vo khudozh. lit-ry, 1958] 2 v.
(MiU)

APUKHTIN, A. N. [Verse] Stikhotvoreniia. [Orel] Orlovskoe knizhnoe izd-vo, 1959. 159 p.

ASTAF'EVA, N. G. [Girls; verse] Devchata; stikhi. [Moskva] Molodaia gvardiia, 1959. 109 p.
(MH)

AVDEEV, V. I. [Drop of honey; verse] Kaplia medu, stikhi. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 83 p.
(MH)

AZAROV, V. B. [Voices of the sea; verse] Golosa moria; stikhi. Moskva, Voen. izd-vo, 1959. 142 p.
(MH)

BABUSHKIN, V. F. [Bitter youth; stories that were not fabricated] Gor'kaia molodost'; nevydumannye rasskazy. Izd. 2., ispr. i dop. [Saratov] Saratovskoe knizhnoe izd-vo, 1958. 369 p.
(MH)

BAGRITSKII, E. G. [Fowler; verse and poems] Ptitselov; stikhi i poemy. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 158 p. (Poeticheskaia bibliotechka shkol'nika)

BAIDEBURA, P. A. [Story of friends] Opovidannia pro druziv. Kyiv, Derzhlitvydav, 1959. 212 p.
(MH)

BALZAC, HONORE DE. [Collected works in 24 volumes] Sobranie sochinenii v 24 tomakh. Moskva, Biblioteka "Ogonek," Izd-vo "Pravda,"
Vol. 3. [Human comedy] Chelovecheskaia komediia. 1960. 509 p.
Vol. 11. [Human comedy] Chelovecheskaia komediia. 1960. 510 p.
Vol. 12. [Human comedy] Chelovecheskaia komediia. 1960. 614 p.
Vol. 14. [Human comedy] Chelovecheskaia komediia. 1960. 381 p.

BARADULIN, RYHOR. [Crescent moon over the steppes; verse] Maladzik nad stepam; vershy. Minsk, Dziarzh. vyd-va BSSR, 1959. 106 p.
(MH)

BARKA, VASYL'. [Ocean] Okean. N'iu Iork, Slovo, 1959. 239 p.
(NN)

BARTEN, A. A. [Theater raises the curtain; a novel] Teatr podymaet zanaves; roman. Leningrad, Sovetskii pisatel', 1959. 506 p.
(MH)

BAUKOV, I. P. [Speak to me of Russia; lyrics] Govori mne o Rossii; lirika. Moskva, Sovetskii pisatel' 1959. 263 p.
(MH)

BELKINA, M. O. [Incident on the steppes] Sluchai v stepi; ocherki. Moskva, Izd-vo "Pravda," 1960. 46 p. (Biblioteka "Ogonek," no. 22)

BEREZHNOI, A. F., KH. M. ASTRAKHAN, and I. S. SAZONOV. [Bolshevik press in the struggle for the Soviet regime, March-October, 1917] Bol'shevistskaia pechat' v bor'be za vlast' Sovetov, mart-oktiabr' 1917 goda. [Leningrad] Lenizdat, 1960. 279 p.

BEREZKO, G. S. [Stronger than the atom; a novel] Sil'nee atoma; roman. Moskva, Voen. izd-vo obor. SSSR, 1960. 324 p.

BIALOSINSKAIA, N. S. [My dear man; verse] Dorogoi moi chelovek; stikhi. Moskva, Sovetskii pisatel', 1959. 73 p.
(MH)

BLIAKHIN, P. A. [Rebellious days; an account of the days of my life] Dni miatezhnye; povest' o dniakh moei zhizni. Moskva, Sovetskii pisatel', 1959. 322 p.
(MH)

BLINOV, A., comp. [People of our days] Liudi nashikh dnei. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 269 p.
(NNC)

BLYNSKII, D. I. [I come from the field] Idu s polei. Moskva, Sovetskii pisatel', 1959. 81 p.
(MH)

BOGATOV, V. V. [M. L. Mikhailov, thinker and revolutionary; lectures] M. L. Mikhailov, myslitel' i revoliutsioner; lektsii. [Moskva] Izd-vo Mosk. univ., 1959. 45 p.
(MH)

[illegible]

[illegible]

[illegible]

[illegible] [Selected works, [illegible]

[illegible] [Early springs [illegible] over the earth] [illegible]

[illegible]

HRABOVS'KYI, PAVLO. [Collected works in three volumes] Zibrannia tvoriv u tr'okh tomakh. Red. kol O. I. Bilets'kyi (holova), O. I. Kysel'ov, L. M. Novychenko. Kyiv, Vyd-vo Akad. nauk URSR.
Vol. 1. 1959. 687 p.

HREBENIUK, I. F. [Fighter planes are starting, a tale] Startuiut istrebiteli; povest'. Moskva, Voen. izd-vo, 1960. 236 p.
(MH)

HRINCHENKO, B. D. [Dictionary of the Ukrainian language] Slovar' ukrainskaho iazyka; sobrannyi redaktsiei zhurnala "Kievskaia starina." Kiev, 1907-1909 [1958] 4 v. facsim.
(KU)

HUGO, VICTOR MARIE, comte. [Ninety-three. Translated from the French] Devianosto tretii god. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 431 p.

IAKUBOV, KH. [Gafur Guliam; his life and works, a brief account] Gafur Guliam; zhizn' i tvorchestvo; kratkii ocherk. Tashkent, Goslitizdat UzSSR, 1959. 88 p. (Dekada iskusstva i literatury Uzbekskoi SSR)
(MB)

IANCHEVETSKII, V. G. [Fires on the burial mounds; an historical tale] Ogni na kurganakh; istoricheskaia povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1959. 326 p. (Shkol'naia biblioteka) [Publ. under his pseud. V. G. IAn.]
(NN)

IAZVITSKII, V. I. [Ivan III, Ruler of all Russia, an historical novel] Ivan III, gosudar' vseia Rusi; istoricheskii roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 2 v.
(IU)

IRON ADǍMON ARG"ǍUTTA [Ossetic folk tales] Stalinir, Khussary Irystony paddzakhadon rauag"dad. [In Osetian.]
Vol 1 1959. 719 p

IROSHNIKOV, A. M. [Personal opinion, a one-act comedy] Lichnoe mnenie; komediia v odnom deistvii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 17 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no 8)

ISTOMIN, N. K. [My country, my country!] Krai moi, krai! [Kursk] Kurskoe knizhnoe izd-vo, 1959. 33 p.
(MH)

[ITALIAN SHORT STORIES, 1860-1914. Translated from the Italian] Ital'ianskie novelly, 1860-1914. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 726 p.

[IVAN LITTLE OF THE GREAT MIND, Russian fairy tales] Ivan men'shoi— razumom bol'shoi; russkie skazki. Rasskazal A. Nechaev. Pod obshchei red. Mikh. Sholokhova. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 259 p.

IVANOV, L. I. [People of Siberia] Sibiriaki. [Omsk] Omskoe knizhnoe izd-vo.
Vol. 1. 1959.
(MH)

IVANOV, V. F. [Various people] Raznye liudi. [Tomsk] Tomskoe knizhnoe izd-vo, 1958. 138 p.
(MB)

IVANOV, V. N. [On the banks of Podkamennaya Tunguska; stories] Na beregakh Podkamennoi Tunguski; rasskazy. Krasnoiarsk, Krasnoiarskoe knizhnoe izd-vo, 1959. 93 p.
(MH)

IVANOV, V. V. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 7. [We go to India, a novel] My idem v Indiiu; roman. 1960. 662 p.

IVANOVA, T. A. [Four summers; Lermontov in Serednikovo] Chetyre leta; Lermontov v Serednikove. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 91 p. (Shkol'naia biblioteka. Po dorogim mestam)

KALITIN, N. I. [Poet and innovator; Maiakovskii's work] Poet-novator; o masterstve Maiakovskogo. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 9)

KANIUKA, M. S. and A. NABATCHIKOV. [Fortress] Krepost'. [Moskva] Molodaia gvardiia, 1958. 61 p.
(IU)

KASHCHUK, N. O. [Spring awakening; verse] Vesniane probudzhennia, poezii. Kyiv, Radians'kyi pys'mennyk, 1959. 52 p.
(MH)

KASHYN, VOLODYMYR. [Our girls were with us, a tale] Z namy buly divchata; povist'. Kyiv, Molod', 1959. 285 p.
(MH)

KAVAL', V. P. [Selected works] Vybranae. Minsk, Dziarzh. vyd-va BSSR, 1959. 334 p.
(MH)

KAVERIN, V. A. [The taming of Mr. Robinson, To an actor, Tale of Mitia and Masha; Beginning of the day; plays] Ukroshchenie mistera Robinzona. Akteru. Skazka o Mite i Mashe Utro dnei, p'esy. Moskva, Sovetskii pisatel', 1959. 248 p.
(MH)

KHARITANOVICH, E. B. [Anton Matuzov, stories] Anton Matuzov, rasskazy. Moskva, Sovetskii pisatel', 1959. 140 p
(MH)

KHAVKIN, OSKAR. [Month of wild goats, a tale] Mesiats dikikh koz, povest'. Moskva, Sovetskii pisatel', 1959. 322 p.
(MH)

KISLOV, K. A. [Way to the Deer Pasture, a tale] Put' na Olenii luzhok, povest'. Tashkent, Goslitizdat UzSSR, 1959. 226 p.
(MH)

KITAIN, V. S., and V. D. Osipov. [Sun rises in the East; a documentary tale] Solntse podnimaetsia na Vostoke, dokumental'naia povest'. Moskva, Sovetskaia Rossiia, 1959. 95 p. (Korotkie povesti i rasskazy)
(MH)

KOCHETOV, VSEVOLOD. [Ershov brothers; a novel] Brat'ia Ershovy, roman. [Leningrad] Lenizdat, 1958. 481 p.
(NN)

KODRIANSKAIA, NATAL'IA. Aleksei Remizov. Parizh, [1959] 328 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra zhurnalistiki. [Bolshevik press, a collection of materials] Bol'shevistskaia pechat', sbornik materialov. Moskva, VPSh i AON pri TsK KPSS.
No. 1. 1895-1903 gg. 1959. 341 p.

KOPTIAEVA, A. D. [Ivan Ivanovich, a novel] Ivan Ivanovich; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 438 p.

KORBAN, ULADZIMIR. [Hot compress, satire and humor] Harachaia pryparka; satyra i humar. Minsk, Dziarzh. vyd-va BSSR, 1959. 110 p.
(MH)

KOROLENKO, V. G. [Selected works] Izbrannoe. [Moskva] Mosk. rabochii, 1959. 626 p.

KORONATOVA, E. I. [On the steppes; stories and tales] V stepi; rasskazy i povesti. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 206 p.
(MH)

KOROTKOVA, A. N. [Leonid Sobolev; an account of his life and works] Leonid Sobolev; ocherk zhizni i tvorchestva. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, vo, 1959. 61 p.
(MH)

KORVIN-PIOTROVSKII, VL. [Defeat; poems and verse about Russia] Porazhenie, poemy i stikhi o Rossii. [Parizh] Rifma, 1960. 71 p.
(MH)

KOSMATENKO, ANATOLII. [The word; verse and fables] Slovo; virshi ta baiky. Kyiv, Radians'kyi pys'mennyk, 1959. 118 p.
(MH)

KOVYNEV, B. K. [Art of flying; verse] Iskusstvo poleta; stikhi. Moskva, Sovetskii pisatel', 1959. 123 p.
(MH)

KOZEL, IVAN. [Flower of fern; a play] Paparats'-kvetka, drama. Minsk, Dziarzh. vyd-va BSSR, 1959. 79 p.
(MH)

KRASOV, V. I. [Verse] Stikhotvoreniia. [Vologda] Vologodskoe knizhnoe izd-vo, 1959. 175 p.
(MH)

KRAVTSOV, A. F. [Hearts continue to beat; verse and poem] Serdtsa prodolzhaiut stuchat'; stikhi, poema. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 77 p.
(MH)

KRIUKOV, M. P., and N. S. USHATIKOV. [On the front line; factory newspapers in the struggle for technological progress] Na perednem krae; zavodskaia gazeta v bor'be za tekhnicheskii progress. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 30 p.

KRUZHKOV, N. N [My native land, essays] Moia rodnaia storona, ocherki. Moskva, Izd-vo "Pravda," 1960 46 p (Biblioteka "Ogonek," no 27)

KRYLOV, I. A. [Selected works] Izbrannoe. Kiev, Molod', 1958. 374 p. (Shkol'naia biblioteka)
(IU)

KULEMIN, V. L. [Expectation, lyrics] Ozhidanie, lirika. Moskva, Sovetskii pisatel', 1959. 98 p.
(MH)

KUPRIIANOV, I. P. [High pressure; Son of the age, heroic comedy] Vysokoe napriazhenie, Syn veka; geroicheskaia komediia. Moskva, Iskusstvo, 1959. 119 p.
(MH)

KVITKA, H. F. [Shel'menko the orderly; a comedy] Shel'menko-denshchyk, komediia Kyiv, Derzhlitvydav, 1959. 103 p.
(MH)

LACIS, VILIS [Collected works in nine volumes} Translated from the Latvian] Sobranie sochinenii v deviati tomakh. Moskva, Izd-vo "Izvestiia" (Biblioteka klassikov literatur narodov SSSR)
Vol. 1. 1959. 671 p.
Vol. 2. 1959. 494 p.
Vol. 3 1959 638 p.

LARNI, MARTTI. [Fourth vertebra or a swindler in spite of himself. Translated from the Finnish] Chetvertyi pozvonok ili moshennik ponevole, roman. Moskva, Izd-vo inostr. lit-ry, 1959. 318 p.
(DS)

LE SAGE, ROGER. [Flocks of the moon, a tale. Translated from the French] Lunnye stada; povest'. Moskva, Izd-vo "Pravda," 1960. 45 p. (Biblioteka "Ogonek," no 24)

LEDIANKO, N. A. [To the surface of the mine, a novel] Na-gora, roman. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959. 625 p.
(MH)

LEDNEV, A. F. [Deep stream, verse] Strezhen'; stikhi. Moskva, Sovetskii pisatel', 1959. 78 p.
(MH)

LEVITIN, M. E. [Everybody is concerned, vaudeville, plays and sketches] Vsekh kasaetsia, estradnye fel'etony, p'esy i stseny. Leningrad, Iskusstvo, 1959. 84 p.
(MH)

LIDIN, V. G. [Night trains, stories, 1956-1958] Nochnye poezda; rasskazy 1956-1958 godov. Moskva, Sovetskii pisatel', 1959. 296 p.
(RPB)

[LIFE AND WORKS OF V. G. BELINSKII; materials for exhibits in schools and in children's libraries] Zhizn' i tvorchestvo V. G. Belinskogo, materialy dlia vystavki v shkole i detskoi biblioteke. Moskva, Detgiz, 1959. 7 p.
(NNC)

LIUSHNIN, G. I. [My word; verse] Moe slovo; stikhi. [Moskva] Mosk. rabochii, 1959. 162 p.
(MH)

LORDKIPANIDZE, KONSTANTIN. [Blade without rust; stories. Translated from the Georgian] Klinok bez rzhavchiny; rasskazy. Moskva, Sovetskii pisatel', 1959. 237 p.
(MH)

LUFERAU, M. P. Kuz'ma Chorny. Minsk, 1960. 30 p. (Tovarystvo pa raspausiudzhvanniu palitychnykh i navukovykh vedau Belaruskai SSR, no. 11)

LUGOVSKII, I. S. [Siberian verse] Sibirskie stikhi. Moskva, Sovetskii pisatel', 1959. 109 p.
(CU)

LUPSIAKOŬ, MIKOLA. [Near a ford; stories] Lia perapravy; apaviadanni. Minsk, Dziarzh. vyd-va BSSR, 1959. 147 p.
(MH)

MAKAROV, A. P. [Sing, my darling; a novel] Poi, moia khoroshaia; roman. Perm', Permskoe knizhnoe izd-vo, 1959. 452 p.
(MH)

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[illegible]

[illegible]

OSTROVSKII, A. N. [illegible], a comedy in four acts] [illegible] Moskva, [illegible], 1950. 110 p.
(MH)

[illegible] Moskva] [illegible] Molodaia gvardiia, 1960. 156 p.

OVCHINNIKOV, M. F. [illegible] Kazan, [illegible], 1958. 111 p.
(MH)

OVCHINNIKOVA, [illegible]
(MH)

PANCHENKO, [illegible] [collected works] [illegible] 2 v.
(MH)

PAPERNYI, [illegible], an account of his work] [illegible] 1960. 199 p.

[illegible] [illegible] poems, stories and a tale] [illegible] [Moskva] Molodaia gvardiia, 1956. [illegible] p.
(MH)

[illegible] Moskva, [illegible]

[illegible]

PAVLYCHKO, D. V. [illegible] 1959. [illegible] p.
(MH)

[illegible]

[illegible]

[illegible] [Selected works, verses, prose] [illegible], stikhi, proza. Moskva, Goslitizdat, 1960. [illegible] p.
(MH)

[POETRY DAY] Den' poezii. [illegible] 1958. 1 v.
(MH)

[POETRY DAY] Den' poezii. [Kursk] Kurskoe knizhnoe izd-vo, 1957. 74 p.
(MH)

POLTORATSKII, V. V. [Cherry trees are blossoming, verse] Vishni tsvetut, stikhi. Moskva, Sovetskii pisatel', 1959. 103 p.
(MH)

[illegible] [illegible] [Moskva] Molodaia gvardiia, 1959. 304 p.
(MH)

[illegible], A. G. [illegible], verse and poems] [illegible], stikhotvoreniia i poemy. Leningrad, Sovetskii pisatel', 1957. 99 p.
(MH)

[illegible] [illegible] a novel in verse] [illegible] roman v stikhakh. Moskva, [illegible] 1959. 311 p.

RAIT-KOVALEVA, R. IA. [Robert Burns] Robert Berns. Moskva, [illegible] Molodaia gvardiia, 1959. 301 p. [illegible] no. 19(276))

RAMAZANOV, G. Z. [Dawn of youth, verse and a poem. Translated from the Bashkir] [illegible], stikhi i poema. Moskva, Sovetskii pisatel', 1953. 135 p.
(MH)

[illegible], F. M. [The Glumovs, a novel] Glumovy, roman. Moskva, Goslitizdat, 1959. 246 p.
(MH)

[REVOLUTIONARY POETRY, 1890-1917] Revoliutsionnaia poeziia, 1890-1917. Leningrad, Sovetskii pisatel', 1959. 610 p. (Biblioteka poeta. Malaia seriia. Izd. 3)
(CU)

REZ, Z. IA. [Lermontov in school] Lermontov v shkole. Leningrad, Gos. uchebno-pedagog. izd-vo, Leningr. otd-nie, 1959. 214 p.
(NIC)

[ROUND YEAR, a book calendar for 1959] Kruglyi god, kniga-kalendar' dlia detei na 1959 god Moskva, Gos izd-vo detskoi lit-ry M-va prosv RSFSR, 1958 255 p

ROZANOV, V. A. [Gods come down to earth, a tale] Bogi skhodiat na zemliu; povest'. Moskva, Sovetskii pisatel', 1959. 223 p.
(MH)

ROZEN, A. G [Happy age. Longing for the homeland. Difficult beginning Winter's tale Heart trouble. Fram. Road to Leningrad Hollow of the land. On Sunday, and other stories] Schastlivyi vozrast Toska po rodine Trudnoe nachalo Zimniaia povest'. Serdechnaia slabost'. Fram. Doroga v Leningrad Gorst' zemli V voskresnyi den' i drugie rasskazy. Leningrad, Sovetskii pisatel', 1960 294 p

ROZOV, V. S. [Good luck, a comedy] V dobryi chas, komediia. Moskva, Iskusstov, 1959. 117 p.
(MH)

ROZOV, V. S. [Plays: In search of joy, A page of life; Good luck; Always living] P'esy V poiskakh radosti, Stranitsa zhizni; V dobryi chas, Vechno zhivye. Moskva, Sovetskii pisatel', 1959. 408 p.
(CU)

RUDANS'KYI, S. V. [Works] Tvory. Kyiv, Derzhlitvydav, 1959. 670 p.
(MH)

RUDNITSKII, V. T. [On a silver hook, stories] Na serebrianyi kriuchok, rasskazy. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1959. 82 p.
(MH)

RUDNYTS'KYI, M. I. [Writers as I saw them; reminiscences] Pys'mennyky zblyz'ka, spohady. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1958. 168 p.
(CaOTU)

RUMER, O B. [Selected translations] Izbrannye perevody Moskva, Sovetskii pisatel', 1959. 331 p.

RUSETSKI, ALIAKSEI. [Light in your window] Sviatlo akon tvaikh. Minsk, Dziarzh. vyd-vo BSSR, 1959. 89 p.
(MH)

[RUSSIAN-BENGALI POCKET DICTIONARY] Karmannyi russko-bengal'skii slovar'. 7,500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 599 p.
(CU)

RUSTAM, SULEIMAN, ZADE. [Selected works. Translated from the Azerbaijani] Izbrannoe. Baku, Azerbaidzhanskoe gos. izd-vo, 1959. 510 p.
(MH)

RYBAK, N. S. [What the song made known ..] O chem rasskazyvala pesnia. Moskva, Izd-vo "Pravda," 1960. 47 p. (Biblioteka "Ogonek," no. 26)

RYL'S'KYI, MAKSYM. [From Polish poets; verses about peace, friendship, and the Soviet Union. Translated from the Polish] Iz pol'skikh poetov; stikhi o mire, o druzhbe, o Sovetskom Soiuze. Moskva, Izd-vo inostr, lit-ry, 1959. 113 p. (Sovremennaia zarubezhnaia poeziia)
(CU)

RYMASHEVSKII, V. V. [Nekrasov and Maiakovskii; essays in literary criticism] Nekrasov i Maiakovskii; literaturovedcheskie ocherki. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 211 p.
(NNC)

SABUROVA, IRINA. [Conversation without a word; verse] Razgovor molcha; stikhi. Miunkhen, 1956. 64 p.
(CtY)

SAL'NIKOV, IU. V. [Galia Perfil'eva's test] Ekzamen Gali Perfil'evoi. Tashkent, Uchpedgiz UzSSR, 1959. 205 p.
(MH)

SAVDO. [Selected works] Izbannoe. Stalinabad, Tadzhikgosizdat, 1958. 149 p. [In Tajik.]
(MH)

SAVODNIK, V. F. [Outline history of Russian literature of the 19th century] Ocherki po istorii russkoi literatury XIX-go veka. Izd. 8. Kolomea, Izd-vo IA. Orenshteina [n. d.] 2 v.
(CLSU)

SEDYKH, K F [Paternal land, a novel] Otchii krai, roman Moskva, Voen izd-vo M-va obor. SSSR, 1960 574 p

SELIVANOVSKII, A. P. [Outline history of Soviet Russian poetry] Ocherki po istorii russkoi sovetskoi poezii. Moskva, Khudozh. lit-ra, 1936; [Ann Arbor, 1960] 453 p.
(MiU) [PHOTOCOPY]

SEMAKIN, V. K. [Grass is rising] Podnimaiutsia travy. Moskva, Sovetskii pisatel', 1959. 124 p.
(MH)

SEMIN, I. A. [Stalingrad true stories] Stalingradskie byli. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 104 p.
(NNC)

SERDOBOV, N. A. [Good and evil] Dobro i zlo. Kyzyl, Tuvinskoe knizhnoe izd-vo, 1959. 116 p.
(MH)

SEREBRIANYI, I. A. [Sholem Aleichem and the creative work of the people] Sholom-Aleikhem i narodnoe tvorchestvo. Moskva, Sovetskii pisatel', 1959. 215 p.
(CU)

SHEVCHENKO, V. A. [Constantin's Ravelin; a tale] Konstantinovskii ravelin, povest'. Moskva, Voen. izd-vo, 1959. 242 p.
(MH)

SHIL'DKRET, K. G. [The past, a novel] Minuvshaia pora; roman. Moskva, Sovetskii pisatel', 1960. 380 p.

SHISHOV, A. F. [Where the poppies bloom; stories] Tam, gde tsvetut maki; rasskazy. Moskva, Sovetskii pisatel', 1959. 178 p.
(MH)

SHOGENTSUKOV, ADAM. [Ascent, verse] Voskhozhdenie; stikhi. Moskva, Sovetskii pisatel', 1959. 142 p.
(MH)

SHVARTS, E. L. [Puppet city; plays for puppet theaters] Kukol'nyi gorod, p'esy dlia teatra kukol. Leningrad, Iskusstvo, 1959. 160 p.
(MH)

SIKORSKII, VADIM, ed. [Verse by Mongolian poets. Translated from the Mongolian] Stikhi mongol'skikh poetov. Moskva, Izd-vo inostr. lit-ry, 1959. 157 p. (Sovremennaia zarubezhnaia poeziia)
(MH)

SINEL'NIKOV, L. I. [Rehearsal goes on, a one-act play] Repetitsiia prodolzhaetsia; komediia v odnom deistvii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 17 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 6)

SKRYHAN, IANKA. [I go in your footsteps] Idu po sledam tvoim. Minsk, Gos. izd-vo BSSR, 1959. 358 p.
(MH)

SNEGOV, S. A. [Sun does not set; tales and stories] Solntse ne zakhodit; povesti i rasskazy. [Kaliningrad, Kaliningradskoe knizhnoe izd-vo, 1959] 379 p.
(MH)

SOFRONOV, A. V. [Plays: The heart does not forgive; Money; Man on the retired list; Without return address] Dramy. Serdtse ne proshchaet; Den'gi; Chelovek v otstavke; Bez obratnogo adresa. Moskva, Sovetskii pisatel', 1959. 308 p.
(MH)

SOIUZ SOVETSKIKH PISATELEI. [Armored heart; stories] Bronirovannoe serdtse; rasskazy. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1958. 236 p.
(MH)

SOTNIKOV, I. V. [Stronger than fire; a novel] Sil'nee ognia; roman. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 476 p.
(NNC)

[SOVIET KAZAKH DRAMA] Sovetskaia kazakhskaia dramaturgiia. Moskva, Gos. izd-vo "Iskusstvo," 1958. 381 p.
(NNC)

STEFANYK, V. S. [Selected works. Translated from the Ukrainian] Izbrannye proizvedeniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 214 p.
(NNC)

STEKOL'NIKOV, L. B. [Difficult happiness; a book of verse] Trudnoe schast'e; kniga stikhov. [Leningrad] Sovetskii pisatel', 1959. 167 p.
(MH)

STEPANOV, V. P [Promoting the Marxist-Leninist theory in newspapers, a lecture delivered at the Higher Party School attached to the Central Committee of the CPSU] Propaganda marksistsko-leninskoi teorii v gazete, lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 37 p.

STURIKOV, N. A. [What the psaltery sang of] O chem peli gusli. Cheboksary, Chuvashkoe gos. izd-vo, 1958. 234 p.
(MH)

SUKHACHEVSKII, S. S. [At Belyy Yar; a tale] U Belogo IAra; povest'. Izd. 2. Kurgan, Krasnyi Kurgan, 1959. 184 p.
(MH)

SURNACHOŬ, MIKOLA. [Scarlet dawn; verse] Barvovaia zara; vershy. Minsk, Dziarzh. vyd-va BSSR, 1959. 55 p.
(MH)

SWIFT, JONATHAN. [Travels into several remote nations of the world by Lemuel Gulliver, first a surgeon, and then a captain of several ships. Translated from the English] Puteshestviia v nekotorye otdalennye strany sveta Lemiuelia Gullivera, snachala khirurga, a potom kapitana neskol'kikh korablei. Moskva, Mosk. rabochii, 1958. 375 p.
(CLU)

SYMONENKO, I. P. [Poetry of Robert Burns, 1773-1789] Poeziia Roberta Bernsa, 1773-1789 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 228 p.

TARASENKOVA, N. N. [Strange dreams; stories] Chuzhie sny; rasskazy. Moskva, Izd-vo "Pravda," 1960. 47 p. (Biblioteka "Ogonek," no. 25)

TEL'KANOV, S. A. [Great or Pacific; verse] Velikii ili Tikhii; stikhi. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1959. 66 p.
(MH)

TERZIBASKIAN, V. V. [History of Armenian drama. Istoriia armianskoi dramaturgii. Erevan, Armianskoe gos. izd-vo] 1959. 485 p. [In Armenian.]
(MH)

TIMCHENKO, V. P. [Place in life; verse] Mesto v zhizni; stikhi. Kyiv, Radians'kyi pys'mennyk, 1959. 81 p.
(MH)

TOER, PRAMUDIA ANANTA. [What has passed, and other stories from the series "Stories of Blora." Translated from the Indonesian] O tom, chto proshlo, i drugie novelly iz tsikla "Rasskazy o Blore." Red. A. Gol'dman. Moskva, Izd-vo inostr. lit-ry, 1957. 88 p.

TOMASHEVSKII, B. V. [Russian versification; metrics] Russkoe stikhoslozhenie; metrika. Peterburg, Academia, 1923; [Ann Arbor, 1960] 156 p. (Voprosy poetiki, no. 2)
(MiU) [PHOTOCOPY]

TRUTNEV, M. G. [Spring; verse and poems] Rodnik; stikhi, poemy. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 149 p.
(MH)

TSADASA, GAMZAT. [Verse and poems] Stikhotvoreniia i poemy. Leningrad, Sovetskii pisatel', 1958. 302 p. (Biblioteka poeta. Bol'shaia seriia. 2 izd.)
(CU)

TUDOR, STEPAN. [Works] Tvory. Kyiv, Derzhlitvydav, 1959. 678 p.
(MH)

USPENSKII, L. V. [Word about words; essays on language] Slovo o slovakh; ocherki o iazyke. Izd. 3., massovoe. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 368 p.

VANSHENKIN, K. IA. [Lyrics] Lirika. Moskva, Sovetskii pisatel', 1959. 227 p.
(MH)

VASENEV, N. F. [People on the road; stories] Liudi v puti, rasskazy. [Kirov] Kirovskoe knizhnoe izd-vo, 1959. 154 p.
(MH)

VASIL'EV, S. A. [Lyrics and satires] Lirika i satira. Izd. 2., dop. Kurgan, 1959. 438 p.

12 GEOGRAPHY & GEOLOGY

[illegible], M. A. [Morphological structure of [illegible]] [illegible] Moskva, Izd-vo [illegible], 1960. 160 p.

[illegible] [Album of [illegible] of different forms of the [illegible]] [illegible] Leningrad, [illegible], 1960. [illegible] p.

[illegible] [Methodological directions for the compilation of [illegible] maps of the scales of 1:1,000,000 – 1:500,000 and 1:200,000 – 1:100,000] [illegible] 1:1,000,000 – 1:500,000, 1:200,000 – 1:100,000. Moskva, [illegible], 1960. 49 p., maps.

[illegible], A. A. and [illegible] [illegible of the world, [illegible] for the [illegible]] [illegible] Leningrad, [illegible], 1960. 144 p.

[illegible] [Political [illegible] in [illegible]] [illegible], 1960. 117 p.

[illegible], V. D. [illegible] Moskva, [illegible], 1960. 114 p.

[illegible], A. M. [Underground waters] [illegible] Moskva, [illegible], 1960. [illegible] p. ([illegible])

[illegible HANDBOOK] [illegible] Moskva, [illegible], 1 v. ([illegible])

[illegible] 1957. 200 p.

[illegible] Moskva, [illegible], 1959. 110 p. ([illegible])

[illegible], A. I. and V. V. [illegible] [Karaganda [illegible]] [illegible] 1957. 154 p.

[illegible] [illegible] Moskva, 1960. 1 v. ([illegible])

[illegible] [illegible] Moskva, [illegible] 1959. 65 p.

[illegible] [illegible] 1959. [illegible] p. ([illegible])

[illegible] [illegible Central America and the West [illegible]] [illegible] Moskva, [illegible], 1959. [illegible] map.

[illegible] [Central America [illegible]] [illegible] 15 p.

[illegible] [illegible] Moskva, [illegible] 15 p.

[illegible] [illegible] Moskva, 1959. [illegible] map. ([illegible])

[illegible] 1959. [illegible]

[illegible], D. P., and others. [illegible] and industrial importance] [illegible] Moskva, [illegible], 1960. 539 p.

[illegible] [illegible] [illegible] Vol. 1. [illegible], 1960. [illegible] p.

[illegible] Moskva, [illegible], 1960. 104 p.

[illegible], D. V. [illegible] Moskva, [illegible] 1960. 30 p.

[illegible] Alma-Ata, [illegible] [illegible] Vol. 1. [illegible], 1960. [illegible] p.

[illegible], [illegible] [illegible] Moskva, [illegible], 1960. [illegible] p.

[illegible], A. I. [illegible] Moskva, [illegible], 1960. [illegible] p.

[illegible] [illegible] 1960. [illegible] p.

[illegible] [illegible] [illegible] p.

[illegible] [illegible Valley, [illegible]] [illegible] 1960. 157 p.

[illegible] [illegible] p.

[illegible], M. [illegible] Moskva, [illegible] ([illegible])

[illegible], V. A. [illegible] 1959. 108 p.

[illegible], I. A. [illegible] 1959. 141 p.

[illegible], N. N. [illegible] Leningrad, [illegible], 1960. 519 p. ([illegible])

WILLIAMS, HOWEL [Petrography, an introduction to the study of rocks in thin sections. Translated from the English] Petrografiia, [illegible] Moskva, [illegible], 1957. 429 p. ([illegible])

[illegible], N. V. [illegible of heating deposits of the Donets Basin] [illegible] Khar'kov, [illegible], 1959. 252 p.

13. SCIENCE

AKADEMIIA NAUK [illegible] [illegible] 1959. 180 p.

AKADEMIIA NAUK [illegible] Institut [illegible] [illegible] (Monocotyledonae) [illegible]

AKADEMIIA NAUK [illegible] [Catalog of publications [illegible] U.S.S.R. [illegible] Moskva, [illegible] p.

AKADEMIIA NAUK [illegible] [illegible] Bugolin [illegible], 1959. 49 p. ([illegible])

AKADEMIIA NAUK [illegible] Ufa. Institut [illegible] from to plants, [illegible] of Nov. 25-28, [illegible] 25-28 [illegible] p.

AKADEMIIA NAUK [illegible] Biblioteka [illegible] [illegible] anniversary [illegible] literatury [illegible]

AKADEMIIA NAUK [illegible] [illegible] of the [illegible] Academy [illegible] Moskva, 1960.

AKADEMIIA NAUK [illegible] [illegible] Ukrainian [illegible]

AKADEMIIA NAUK [illegible] Institut [illegible] 1959. 126 p.

AKADEMIIA NAUK [illegible] White Russian [illegible] [illegible] [illegible] of America, [illegible] p.

A[illegible] [illegible] U.S.S.R. in the [illegible] Moskva, [illegible], 1961. 511 p.

A[illegible] and [illegible] [illegible] Moskva, [illegible] p.

A[illegible], P. A. [illegible] and directions [illegible] Moskva, [illegible] p.

A[illegible], [illegible], and others. [illegible of problems [illegible] self study] [illegible] Moskva, [illegible], 1959. [illegible] p.

A[illegible] [illegible drawing [illegible] problems] [illegible] Moskva, [illegible], 1959. [illegible] p.

[illegible], [illegible], and others. [illegible] Moskva, [illegible], 1960. 154 p.

[illegible], I. N. [illegible, a manual for teachers of [illegible]] [illegible] Moskva, [illegible], 1960. 239 p.

BOKII, G B. [Crystall [illegible]] [illegible] Izd. 2 [Moskva] [illegible]

BRADIS, V. M. [illegible] [illegible] tables [illegible] 61 p.

CHUDNOVSKII, A. F. [illegible]

DANILOV, V. I., [illegible]

EL'PINER, I. E. [illegible]

FICHTENGOL'TS, G. M. [illegible] Vol. 3 [illegible]

GEL'FOND, A. O. [illegible] Moskva, [illegible] 400 p.

GURTOVOI, G. K. [illegible]

INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY. [illegible] Trudy [illegible] Vol. 6. [illegible] (OIN)

INTERNATIONAL CONFERENCE ON THE PEACEFUL USES OF ATOMIC ENERGY. [illegible] Trudy. [illegible] Moskva, [illegible] Vol. 3 [illegible] 401 p.

KOLCHKOV [illegible] 148 p.

KOLOKOLTSOV [illegible] [illegible] 1960, 38 p. [illegible]

KONAKOV [illegible]

KONFERENTSIIA [illegible] Odessa, 1958. [illegible] 11 p. (ME)

KORNEEV [illegible] Moskva, [illegible] 158 p.

KUKUSHKIN, V. I. [illegible] 1960 [illegible]

LEBEDEV, A. D., and M. T. [illegible] 1958 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

14. MEDICINE

ABRAMOV [illegible]

AKADEMIIA [illegible]

AKADEMIIA MEDITSINSKIKH NAUK [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

IVANOV [illegible]

KAPLAN, A. V. [illegible]

[illegible]

KIEV. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] March 21-25, 1957] [illegible] 1957 g. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

15. AGRICULTURE

[illegible]

[illegible] Tashkent. [illegible] Tashkent, [illegible]

[illegible] Moskva, [illegible]

[illegible] Moskva, [illegible]

ARUTIUNIAN, V. O. [illegible]
Schastie, [illegible]
izd-vo polit. lit-ry, [illegible]

ASTAPOV, S. V. [illegible]
Melioration [illegible]
perer. i dop. Moskva, [illegible]
1958. 368 p. [illegible]
vyshikh [illegible]
(DA)

AZHAZHA, V. G., and [illegible]
by the use of [illegible]
gidroakustic [illegible]
promizdat, 1959. [illegible]

BELIAEV, I. M. [illegible]
areas] [illegible]
polosy. Izd. 2., [illegible]
173 p.
(DA)

BELOSELSKAIA, [illegible]
[Protecting pla[illegible]
Zashchita [illegible]
Moskva, Izd-vo M[illegible]
230 p.
(DA)

BERDM, N. G., and [illegible]
Mechani[illegible]
(DA)

BUCHINSKII, A. [illegible]
ASMAEV. [illegible]
perer. i dop. Moskva, [illegible]
1959. [illegible] p.
(DA)

BUDENNYI, S. M. [illegible]
anatomy and [illegible]
Kniga [illegible]
[illegible] Moskva [illegible]
Vol. [illegible]

BUKSHTYNOV, A. [illegible]
and the [illegible]
Izd-vo M[illegible]

BURLAKOV, M. M. [illegible]
Moskva [illegible]
(DA)

BUTKEVICH, V. V. [illegible]
[illegible]

CHEBAEV, [illegible]
Izd. 2., [illegible] Moskva [illegible]
[illegible]
(DA)

[CHINA [illegible]
Peking, [illegible]

CHISTIAKOV, A. [illegible]
[illegible]

CHVILIKHIN, V. [illegible]
1960. [illegible]

D'IACHKOV, N. A. [Fattening [illegible]
[illegible]
Moskva, [illegible]
(DA)

DMITRIEVA, N. [illegible]
(DA)

[EVERYTHING FOR THE [illegible]
[illegible]
Leningrad, [illegible]
1960. 150 p.
(DA)

[illegible]

[illegible] Moskva, [illegible]

[illegible]

[illegible] [Papers on [illegible]] Moskva, [illegible]

[illegible] Moskva, [illegible]

[illegible] Moskva, [illegible]

[illegible]

[illegible]

ZENIN, V. P. [Great work of [illegible]] [illegible] vsenarodnoe delo. Moskva, Izd-vo [illegible] 1960. 50 p.

ZHURAVEL', A. A. [Manual of practical work in the pathological physiology of animals] [illegible] prakticheskim zaniatiiam po patol[illegible] zhivotnykh. Izd. 2., [illegible] Moskva [illegible] khoz. lit-ry, 1960. 193 p.
(DA)

16. TECHNOLOGY

ABERE, V. A. [illegible] lines] [illegible] telefonnykh apparatov. Moskva [illegible] 19[illegible] (Biblioteka tekhnika aviasvi)

ABRAMOV, P. N. [illegible] machines for the home] [illegible] mashiny; [illegible] Moskva [illegible] torg. lit-ry, 1958. [illegible] p.
(NNC)

[ADVANCED METHODS IN THE [illegible] POWER SYSTEMS] [illegible] energosistem Urala. Moskva, [illegible] 1959. 103 p.

[ADVANCED TECHNOLOGY [illegible] METAL CUTTING [illegible] Turning and [illegible] [illegible] Moskva [illegible] lit-ry, 1960. [illegible]

AIZERMAN, M. A. [illegible] Moskva, Izd-vo [illegible] 1959. [illegible] mashinykh [illegible]

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA [illegible] the [illegible] AKKh [illegible] regulating [illegible] urban transportation [illegible] AKKh [illegible] shchenie. [illegible] 1959. 51 p.

AKADEMIIA NAUK SSSR. [illegible] Moskva [illegible] [Materialy k [illegible] 1959. [illegible]

AKADEMIIA NAUK SSSR [illegible] and ore mining research] [illegible] Moskva, [illegible] dela, 1959. [illegible] p.

AKADEMIIA NAUK SSSR. [illegible] [Mineral dressing] [illegible] Moskva, 1959. [illegible] p.

AKADEMIIA NAUK SSSR. [illegible] metals and alloys. Transactions of the First [illegible] Union Conference on [illegible] 19[illegible] [illegible] metallov. 18 20 [illegible] 1957 g. Moskva [illegible] metallurgii, 1960. [illegible] p.

AKADEMIIA NAUK SSSR. [illegible] "[illegible] poleznykh iskopaemykh. [Characteristics of the [illegible] of mineral resources] [illegible] poleznykh iskopaemykh. Moskva.
Vol. 2. 1959. [illegible] p.

(See next card)

AKADEMIIA NAUK SSSR. [illegible] Novosibirsk. [illegible] [Problems in the use of [illegible] Voprosy [illegible] Moskva, Izd-vo [illegible] 1959. 112 p.

AKADEMIIA NAUK SSSR. [illegible] [Problems of [illegible] manufacture of [illegible] 1959. 174 p.

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

AKADEMIIA [illegible]

[illegible] Moskva, [illegible] 1959. [illegible] p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] [Instructions for making [illegible] Moskva, [illegible] 1959. 20 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, 1959. [illegible] p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, [illegible] 1959. [illegible] p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, [illegible] 1959. 20 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, 1959. 18 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, [illegible] 24 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, 1959. 31 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, 1959. 30 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] [Welding [illegible] Moskva, 1959. 32 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] [Instructions for designing and making [illegible] Moskva, [illegible] 1959. 72 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [illegible] Moskva, [illegible] 1959. [illegible] p.

ALEKSEEV, V. A., and L. I. VLASOV. [One hundred automatic devices] Sto [illegible] avtomatov. [Moskva] Mosk. rabochii, 1960. 63 p.

ALMA-ATA. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHESKOI INFORMATSII. [Location of nonferrous metal production in Kazakhstan] [illegible] proizvodstva tsvetnoi metallurgii Kazakhstana [illegible] Alma-Ata, 1959. [illegible] p.

AMIROV, A. D. [Exploitation of extra-deep wells] Voprosy ekspluatatsii [illegible] skvazhin. Baku, Azerbaidzhanskoe [illegible] 1959. 104 p.

ANANIN, A. A., S. P. LOZHECHKOV, and V. P. CHERNOBROVKIN. [Progressive methods of operating cupola furnaces] Peredovye metody ekspluatatsii vagranok. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 80 p.

ANDRIANOV, V. N., and others. [Practical studies of electric machines, in laboratories of [illegible]] [illegible] Moskva, [illegible] 1960. [illegible] p.

ARKHIPOV, P. S., and [illegible] M. PIVEN. [Brief reference book for electricians and [illegible] communication [illegible]] [illegible] Moskva, [illegible] 1960. [illegible] p.

[AUXILIARY TOOLS FOR METAL-CUTTING MACHINES] [illegible] Moskva, [illegible] 1960. [illegible] p. [illegible]

AZOV, G. M. [Reference tables for the manufacturers of [illegible]] [illegible] Moskva, [illegible] 1960. [illegible] p.

BABLIDSOV, [illegible] [The [illegible] design, [illegible]] [illegible] Moskva, [illegible] 1960. [illegible] p.

BAKHIDASOV, [illegible], and V. [illegible] [Electric equipment of electric power plants and [illegible]] [illegible] Moskva, Gos. energ. izd-vo.
Vol. 1. [Basic electric equipment of electric power stations [illegible]] [illegible] 1960. 408 p.

BABAKOV, A. M., and others. [illegible] Moskva, [illegible] 1960. [illegible] p.

BEKBOPAEV, [illegible] [illegible] Moskva, [illegible] p.

BELORODKOVA, V. V., [illegible] [illegible] Moskva, [illegible] p. [illegible]

BIALIK, G. I. [Wide-band [illegible] amplifiers] [illegible] Moskva, [illegible] 1960. [illegible] p. [illegible]

BIBERGAN, D. D. [High temperature [illegible]] [illegible] Moskva, [illegible] p. [illegible]

BLANTER, M. S. [illegible] turbine [illegible] Moskva, [illegible] 1959. 55 p.

BOGATOV, G. B. [illegible] application [illegible] Moskva, Gos. energ. izd-vo, 1960. 47 p. (Massovaia radiobiblioteka, no. 368)

BOGDANOV, [illegible] Moskva, Gos. energ. izd-vo, 1960. 31 p. (Massovaia radiobiblioteka, no. 371)

BOLSHOV, V. M., and [illegible] M. BOLSHOV. [illegible] Moskva, [illegible] 1959. [illegible] p. [illegible]

BORODIN, [illegible] [illegible]

BUGAEV, [illegible] V. [illegible] 25 p.

BULGAKOV, [illegible] [illegible]

BUROV, [illegible] [illegible]

BURMISTROV, [illegible] [illegible] 80 p. [illegible]

BYKOV, A. P. [illegible] Moskva, [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] M. V. [illegible]

[illegible] 1960. 152 p.

[illegible]

CONFERENCE ON [illegible] 1959. [illegible] Moskva, [illegible] 278 p.
(CD)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1959

[illegible] 1960. 95 p.

[illegible] 33 p.

[illegible]

[illegible] Moskva, [illegible]

[illegible] Moskva, [illegible]

[illegible]

[illegible] 1959. 75 p.

[illegible]

INTERNATIONAL CONFERENCE ON THE PEACEFUL [illegible]

[illegible]

KOKICHEV, V. N. [Gear finishing machines; manual] Zuboobdelochnye stanki; spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 213 p.

KOLBANOVSKAIA, A. S., and N. V. GORELYSHEV. [Differential porosity of bituminous mineral materials] Differentsial'naia poristost' bitumomineral'nykh materialov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 37 p.

KOLOBOV, V. D. [Frame saws and their operation] Ramnye pily i ikh ekspluatatsiia. Izd. 3., perer. Moskva, Goslesbumizdat, 1959. 114 p.

KOL'TSOV, B. V. [Miniature loudspeakers for transistorized radio receivers] Miniatiurnye gromkogovoriteli dlia priemnikov na tranzistorakh. Moskva, Gos. energ. izd-vo, 1960. 45 p. (Massovaia radio biblioteka, no. 361)

KOMAROV, A. A. [Increasing the effectiveness of snow protection devices on Siberian railroads] Povyshenie effektivnosti snegozashchitnykh sredstv na zheleznykh dorogakh Sibiri. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959. 105 p.

KONDRAT'EV, P. V. [Helicopters and their use] Vertolety i ikh primenenie. Moskva, Izd-vo DOSAAF, 1960. 157 p.

KOROSTELIN, A. S. [Automobiles with small displacement engines, for general use and sports] Mikrolitrazhnye avtomobili, obshchego naznacheniia i sportivnye. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 84 p.

KOSMODEM'IANSKII, A. A. [K. E. Tsiolkovskii, his life and his work on rocket engineering] K. E. Tsiolkovskii, ego zhizn' i raboty po raketnoi tekhnike. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 180 p. (Nauchno-populiarnaia biblioteka)

KOSTIN, K. [Fedor Priadunov and his petroleum plant; on the origin of the world's first petroleum refinement on the river Ukhta] Fedor Priadunov i ego neftianoi zavod; k voprosu o vozniknovenii v XVIII veke, vpervye v mire, pererabotki nefti na Ukhte. Syktyvkar, Komi knizhnoe izd-vo, 1959. 38 p.

KOZLOV, P. M. [Invasion of a myth] Vtorzhenie mifa. [Moskva] Izd-vo TsK VLKSM, "Molodaia gvardiia," 1960. 76 p.

KRASTINS, Ia. I. [Consolidated power system in the U.S.S.R.; review of recommended literature] Edinaia energeticheskaia sistema SSSR; rekomendatel'nyi obzor literatury. Moskva, 1960. 15 p. (Novosti nauki i tekhniki, no. 21)

KRASUSKII, P. S. [Silicalcite, a local building material] Silikal'tsit - mestnyi stroitel'nyi material. [Rostov na Donu] Rostovskoe knizhnoe izd-vo, 1959. 62 p.

KRYLOV, V. I., and A. K. KOZLIN. [New air distributor for passenger trains] Novyi vozdukhoraspredelitel' dlia passazhirskikh poezdov. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 48 p.

KRYSIN, A. M., and I. Z. NAUMOV. [Machine work connected with radio tubes in the radio industry] Slesarno-karkasnye raboty v radiotekhnicheskoi promyshlennosti. Moskva, Gos. energ. izd-vo, 1960. 301 p.

KUCHMA, K. G., G. G. MARKVARDT, and V. N. POPYRIN. [Protection of a contact network from short circuit currents] Zashchita ot tokov korotkogo zamykaniia v kontaktnoi seti. Pod obshchei red. G. G. Markvardta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 250 p.

LAGUNTSOV, I. N., ed. [Operational reliability of metal in steam power plants; collection of articles] Ekspluatatsionnaia nadezhnost' metalla parosilovykh ustanovok; sbornik statei. Moskva, Gos. energ. izd-vo, 1959. 128 p.

LAPSHIN, A. F. [Analyzing the performance of precast bridges with longitudinal and lateral stressed reinforcements] Analiz raboty sbornogo mosta s prodol'noi i poperechnoi napriazhennoi armaturoi. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 34 p.

LEIBOV, R. M., ed. [Underground electric equipment in foreign countries] Podzemnoe elektrooborudovanie za rubezhom; sbornik statei. Moskva, Ugletekhizdat, 1959. 307 p.

LESHCHINSKII, A. A. [Calculating the basic indicators for a coaxial cable communication system] Raschet osnovnykh pokazatelei sistemy sviazi po koaksial'nomu kabeliu. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 49 p. (Biblioteka po tekhnike sviazi)

[LET US MAKE A WORTHY CONTRIBUTION TO TECHNOLOGICAL PROGRESS] Vnesem dostoinyi vklad v tekhnicheskii progress. [Moskva] Mosk. rabochii, 1960. 71 p. (V pomoshch' agitatoru i propagandistu)

[LEVELING CONDENSING VESSELS FOR DIFFERENTIAL MANOMETERS, STEAM FLOW METERS FOR OPERATING PRESSURES UP TO 100 kg/cm²] Uravnitel'nye kondensatsionnye sosudy dlia differentsial'nykh manometrov, paromerov na rabochie davleniia do 100 kg/cm². Moskva, Standartgiz, 1959. 20 p. (Normal' mashinostroeniia MN 1191-59 [illegible])

LEVENSON, V. F. [Investigation of Ural and Volga oil-bearing provinces by the geochemical bitumen method] Izuchenie Uralo-Volzhskoi neftenosnoi provintsii po dannym geokhimicheskoi bituminologii. Moskva, Izd-vo Akad. nauk SSSR, 1959. 4 v.
(CD)

LEVITIN, I. A. [Electron tubes] Elektronnye lampy. Pod red. L. V. Kubarkina. Izd. 2., perer. i dop. Moskva, Gos. energ. izd-vo, 1960. 144 p. (Massovaia radiobiblioteka, no. 368)

LEVSHINA, O. N. [Automation of production is the main trend in technological progress; review of recommended literature] Avtomatizatsiia proizvodstva glavnoe napravlenie tekhnicheskogo progressa; rekomendatel'nyi obzor literatury. Moskva, Gos. biblioteka im. V. I. Lenina, 1960. 34 p. (Novosti nauki i tekhniki)

LIAPUNOV, B. V. [Problem of interplanetary voyages in works by Russian scientists; verbatim report of a lecture delivered in the lecture hall of the Moscow City Committee of the All-Union Voluntary Society for the Promotion of Aviation] Problema mezhplanetnykh puteshestvii v trudakh otechestvennykh uchenykh; stenogramma publichnoi lektsii, prochitannoi v lektorii Moskovskogo gorodskogo komiteta DOSAV. Moskva, 1951. 23 p.
(DS)

LIASKOVSKAIA, Iu. N., and V. I. PIUL'SKAIA. [Methods for investigating the oxidative spoiling of fats] Metody issledovaniia okislitel'noi porchi zhirov. Moskva, GOSINTI, 1960. 51 p.

LITVINOV, N. N. [New prospecting equipment] Novoe geologorazvedochnoe oborudovanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 23 p.

LITVINOVA, E. I. [Guide to laboratory work on corrosion and the protection of metals] Rukovodstvo k laboratornym rabotam po korrozii i zashchite metallov. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 71 p.

LAPITSKII, K. V., and I. V. PETROV. [Practical manual on electrical engineering and on the application of electricity in agriculture] Praktikum po elektrotekhnike i primeneniiu elektricheskoi energii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 167 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

LOZNER, G. E. [Assembling, adjustment, and operation of units employed in the continuous manufacture of soap in a vacuum; operating experience of the Karpov Leningrad Soap Factory] Montazh, naladka i ekspluatatsiia ustanovok nepreryvnogo polucheniia myla pod vakuumom; opyt Leningradskogo mylovarennogo zavoda im. Karpova. Moskva, GOSINTI, 1959. 37 p. (Obmen otechestvennym opytom)

LUR'E, I. I. [Latest achievements in the technical and chemical control of caramel production; rapid method for determining the amount of moisture in the caramel mass] Novoe v tekhnokhimicheskom kontrole karamel'nogo proizvodstva; ekspress-metod opredeleniia kolichestva vlagi v karamel'noi masse. Moskva, GOSINTI, 1960. 9 p.

[MAINTENANCE MANUAL] Spravochnik uchetchika-zapravshchika. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 183 p.

MAKAR'EV, P. N., and M. M. SHOTA. [What's new in the mechanization of construction] Novoe v mekhanizatsii stroitel'stva. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 62 p.
[MICROFILM]

MAKAROCHKIN, A. M., V. M. SVIRIDOV, and K. K. TIKHONOV. [Resources for improving the operations of railroad divisions] Rezervy uluchsheniia ekspluatatsionnoi raboty otdeleniia dorogi. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 63 p.

MAKLAKOVA, T. G. [Panel housing construction; structural and architectural solutions] Panel'noe domostroenie; razvitie konstruktivnykh i arkhitekturno-planirovochnykh reshenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 190 p.

MARKOV, S. S., and T. V. VALIKOVA. [Analytical control of the production in the nitrogen industries] Analiticheskii kontrol' proizvodstva v azotnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
No. 12, pt. 3. [Controlling the production of concentrated nitric acid made by direct synthesis] Kontrol' v tsekhe proizvodstva kontsentrirovannoi azotnoi kisloty metodom priamogo sinteza. 1960. 220 p.

MARLOV, I. A. [Culinary art] Kulinariia. Izd. 6., stereotipnoe. Moskva, Gos. izd-vo torg. lit-ry, 1960. 293 p.

MATIIKO, M. M. [Development of electric arc welding in the Ukraine] Rozvytok duhovoho elektrozvariuvannia na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 134 p.

MAZEL', Z. P., A. P. POPKOV, and A. G. IAKOBSON. [Cableways on construction sites of the Stalingrad Hydroelectric Power Station] Kanatnye dorogi na stroitel'stve Stalingradskoi GES. Moskva, Gidroproekt, 1959. 43 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

MEDVEDEV, P. M. [Principles of building] Osnovy stroitel'nogo dela. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 303 p.

MEDVEDIUK, N. I. [Metalwork] Mednitskie i zhestianitskie raboty. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 237 p.

MEZHVUZOVSKAIA NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA, 1957. [Modern achievements in foundry practice; transactions of the Intercollegiate Scientific Technological Conference] Trudy. Sovremennye dostizheniia liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 338 p.

MINDLIN, IA. B. [Use of diamonds in mechanical engineering; revised transcript of a public lecture delivered at the Central Lecture Hall of the Society in Moscow] Almazy v tekhnike; pererabotannaia stenogramma publichnoi lektsii, prochitannoi v Tsentral'nom lektorii Obshchestva v Moskve. Moskva, Izd-vo "Znanie," 1960. 32 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 11)

MININ, A. N. [Manufacture of compressed waste wood products and materials] Proizvodstvo izdelii i materialov iz izmel'chennoi drevesiny pressovaniem. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 181 p.

MOSCOW. AVTOMOBIL'NO-DOROZHNYI INSTITUT. [Economic problems in the operation and repair of automobiles] Ekonomicheskie voprosy ekspluatatsii i remonta avtomobilei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1959. 107 p.
([illegible])

MOSCOW. GOSUDARSTVENNYI INSTITUT TEKHNIKO-EKONOMICHESKIKH IZYSKANII I PROEKTIROVANIIA ZHELEZNODOROZHNOGO TRANSPORTA. [Album of standard switches and crossings for standard gauge tracks] Al'bom tipovykh strelochnykh perevodov i peresechenii normal'noi kolei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia.
No. 7. [Equalizers and derailing blocks for type R50 and R43 rails] Uravnitel'nye pribory i bashmakosbrasyvateli k rel'sam tipov R50 i R43. 1960. 128 p.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. [Innovations in Moscow bakeries] Novoe na moskovskikh khlebopekarnykh predpriiatiiakh; sbornik statei. Moskva, 1959. 28 p.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PLASTICHESKIKH MASS. [Study of thermosetting plastics] Issledovaniia v oblasti termoreaktivnykh plastmass. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1959. 98 p.

MOSCOW. GOSUDARSTVENNYI PROEKTNYI INSTITUT SPETSSTROIPROEKT. [Standard technological charts for earthwork] Tipovye tekhnologicheskie karty na proizvodstvo zemlianykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 101 p.

[illegible]

[illegible] and Public Construction in the City of [illegible] [illegible] 1960. 151 p.

[illegible] [Calculation of electric power [illegible] works for electric railroads, lecture for the 4th course entitled "Electrification of railroad transportation" [illegible] Moskva, [illegible] 1961. 21 p.

[illegible] [Coefficients and graphs for loads of electric installations, lecture on the subject "Electric stations and substations" for students of the 5th and 6th courses [illegible] "Thermal electric power plants" and on the subject "Electric stations and [illegible] stations" for the 5th course [illegible] "Electrification of railroad transportation"] [illegible] Moskva, [illegible] 1959. 31 p.

[illegible] 1959 [illegible]

[illegible] Moskva, [illegible]

[illegible] Moskva, [illegible]

[illegible] Preface by V. A. [illegible] Moskva, [illegible] 1959. 470 p.

[illegible] Moskva, 1960. 15 p. [illegible]

[illegible] Moskva, [illegible] 1959. [illegible]

[illegible] Moskva, [illegible] 1960. [illegible]

[illegible] Moskva, [illegible] 1958. 51 p. [illegible]

[illegible] [Wasteful materials] [illegible] materialy. Moskva, Izd-vo "Znanie," 1959. 35 p.

[illegible] and P. A. NAVATOV. [Finishing and [illegible] manual for operational training of [illegible] workers] [illegible] Moskva, [illegible] 1960. 231 p.

[illegible] V. V., A. A. DANTAU, and V. A. PROZOROV. [Operation of electric [illegible] for farm equipment] [illegible]

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie po proizvodstvu elektromontazhnykh rabot. [Memorandum on safety rules for an electrician working on overhead lines] Pamiatka po tekhnike bezopasnosti elektromontera-montazhnika vozdushnykh linii elektroperedachi. Moskva, Gos. energ. izd-vo, 1960. 31 p.

RUSSIA (1917- R. S. F. S. R.) Glavteplomontazh i upravlenie kadrov. [Installation of industrial furnaces and chimneys] Kladka promyshlennykh pechei i dymovykh trub. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 303 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. TSentral'naia normativno-issledovatel'skaia stantsiia. [Norms for the consumption of materials and tools for the maintenance and repair of motor vehicles in automobile repair shops and automotive transportation units] Normy raskhoda materialov i instrumentov na tekhnicheskoe obsluzhivanie i remont avtomobilei dlia avtoremontnykh predpriiatii i avtomobil'nykh khoziaistv. Moskva, Avtotransizdat, 1960. 70 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo stroitel'stva. Glavmetallurgmontazh. [Instructions for industrial safety measures in the assembly of technological equipment and piping] Instruktivnye ukazaniia po tekhnike bezopasnosti pri montazhe tekhnologicheskogo oborudovaniia i truboprovodov. Izd 2., perer. i dop. Moskva, TSentr. biuro tekhn. informatsii, 1959. 160 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lakokrasochnoi promyshlennosti. [Collection of standards and technical specifications for production in the paint industry] Sbornik standartov i tekhnicheskikh uslovii na produktsii lakokrasochnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry.
No. 4 1959 451 p.
No. 5 1959. 499 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Rules for current repair, care and maintenance of electric locomotives] Pravila tekushchego remonta, ukhoda i soderzhaniia elektrovozov. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 357 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Rules for current repair, care and maintenance of electric sections] Pravila tekushchego remonta, ukhoda i soderzhaniia elektrosektsii. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 543 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie mezhdugorodnoi telefonno-telegrafnoi sviazi. [Manual on electric measurements of long-distance communication lines] Rukovodstvo po elektricheskim izmereniiam mezhdugorodnykh linii sviazi i radio, 1960. 194 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie puti i sooruzhenii. [Instructions for current track maintenance] Instruktsiia po tekushchemu soderzhaniiu zheleznodorozhnogo puti. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960 187 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 12-M of standard regional unit estimates for assembling operations; pipes and pipe fittings] Sbornik No. 12-M
nnykh edinichnykh rastsenok na montazh-
ruboprovody i armatura. Moskva, Gos.
po stroit., arkhit. i stroit. materialam,

) Gosudarstvennyi komitet
Instructions for calculating
lighting of buildings] In-
roektirovaniiu estestvennogo
loskva, Gos izd-vo lit-ry
it. materialam, 1960 59 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for determining industrial loads acting on ceilings of industrial buildings, SN 72-59] Ukazaniia po opredeleniiu tekhnologicheskikh nagruzok na perekrytiia promyshlennykh zdanii; SN 72-59. Utverzhdeny Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 16 oktiabria 1959. Izdanie ofitsial'noe. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 5 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for determining snow loads acting on roofs of buildings; SN 69-59] Ukazaniia po opredeleniiu snegovykh nagruzok na pokrytiia zdanii; SN 69-59. Utverzhdeny Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 23 sentiabria 1959 g. Izdanie ofitsial'noe. Moskva, Gos. izd-vo po stroit., arkhit. i stroit. materialam, 1959. 9 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for laying concrete in constructing industrial, residential, and public buildings] Instruktsiia po tekhnologii proizvodstva betonnykh rabot v promyshlennom i grazhdanskom stroitel'stve. SN 67-59. Utverzhdena Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 4 sentiabria 1959 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 222 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for making masonry mortars, SN 43-59. Approved by the State Construction Committee of the Council of Ministers of the U. S. S. R. on January 12, 1959] Instruktsiia po rastvoram dlia kamennoi kladki; SN 43-59. Utverzhdena Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 12 ianvaria 1959 g. (Izdanie ofitsial'noe) Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 42 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for protecting concrete structures of electrolysis shops against corrosion caused by stray currents, SN 65-59. Approved by the State Construction Committee of the Council of Ministers of the U. S. S. R. on September 2, 1959] Ukazaniia po zashchite zhelezobetonnykh konstruktsii elektroliznykh tsekhov ot korrozii, vyzyvaemoi bluzhdaiushchimi tokami, SN 65-59. Utverzhdeny Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 2 sentiabria 1959 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 22 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Manual on consolidated indexes of estimated costs and the expenditure of materials] Spravochnik ukrepnennykh pokazatelei smetnoi stoimosti i raskhoda resursov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 1. [Buildings and structures of the fishing and food industries] Zdaniia i sooruzheniia rybnoi promyshlennosti i prodovol'stvennykh tovarov. 1959. 99 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list for equipment installation] TSennik na montazh oborudovaniia. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No 9 [Electric installations Supplement 9. Table of weights of different brands and cross sections] Elektricheskie ustanovki Prilozhenie 9, tablitsy vesov kabelei razlichnykh marok i sechenii. 1960. 58 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Regulations SN 64-59 on carrying out lining operations in rotary cement-burning kilns] Instruktsiia po proizvodstvu futerovochnykh rabot vo vrashchaiushchikhsia tsementnoobzhigatel'nykh pechakh, SN 64-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 68 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Specifications for carrying out and accepting construction and assembly operations, electrical assembly operations] Tekhnicheskie usloviia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot, elektromontazhnye raboty. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Pt. 2. [Electric lines and cables, SN 70-59] Elektroprovodki i kabel'nye linii SN 70-59. 1959. 53 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for conducting and inspecting building and assembling operations; plain and reinforced concrete construction. SN 66-59] Tekhnicheskie usloviia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot; betonnye i zhelezobetonnye raboty. SN 66-59. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 3 sentiabria 1959 g. Izdanie ofitsial'noe. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 151 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 2. [Earthwork] Zemlianye raboty.
No. 2. [Using hydraulic machinery in earthwork] Gidromekhanizirovannye zemlianye raboty. 1960. 135 p.
Sbornik 3. [Masonry work] Kamennye raboty.
No. 2. [Stone bridges and pipes] Kamennye mosty i truby. 1960. 12 p.
Sbornik 4. [Plain and reinforced concrete construction] Zhelezobetonnye i betonnye raboty.
No. 4. [Making semifinished products and details for plain and reinforced concrete construction elements] Izgotovlenie polufabrikatov i detalei dlia zhelezobetonnykh konstruktsii. 1960. 60 p.
Sbornik 5. [Making and assembling steel construction elements] Montazh i izgotovlenie stal'nykh konstruktsii.
No. 4. [Assembling welded cylindrical tanks and gasholders] Montazh tsilindricheskikh svarnykh rezervuarov i gazgol'derov. 1960. 23 p.
No. 6. [Making steel construction elements] Izgotovlenie stroitel'nykh stal'nykh konstruktsii. 1960. 54 p.
Sbornik 6. [Carpentry and cabinetwork] Plotnichnye i stoliarnye raboty.
No. 1. [Wooden construction elements of buildings and structures] Dereviannye konstruktsii zdanii i sooruzhenii. 1960. 47 p.
Sbornik 8. [Finishing work] Otdelochnye raboty.
No. 3. [Facing with natural stone] Oblitsovka estestvennym kamnem. 1960. 69 p.
Sbornik 9. [Interior sanitary-engineering installations] Vnutrennie sanitarno-tekhnicheskie raboty.
No. 1. [Heating, water supply, sewer system, and gas supply] Otoplenie, vodoprovod, kanalizatsiia i gazosnabzhenie. 1960. 63 p.
Sbornik 10. [Installing exterior networks of water-supply, sewer, gas-supply, and electric-heating systems] Montazh vneshnikh setei vodoprovoda, kanalizatsii, gazosnabzheniia i teplofikatsii. 1960. 119 p.
Sbornik 12. [Pile driving] Svainye raboty. 1960. 28 p.
Sbornik 14. [Well boring for water] Burenie skvazhin na vodu. 1960. 185 p.
Sbornik 15. [Installing industrial furnaces and flues] Kladka promyshlennykh pechei i trub. 1960. 98 p.
Sbornik 16. [Laying railroad tracks] Ukladka verkhnego stroeniia zheleznodorozhnykh putei.
No. 1. [Broad-gauge track] Puti shirokoi kolei. 1960. 126 p.
Sbornik 18. [Gardening and landscaping] Sadovo-parkovye raboty. 1960. 36 p.
Sbornik 19. [Floors] Poly. 1960. 39 p.
Sbornik 20. [Construction and repair work] Remontno-stroitel'nye raboty.
No. 2. [Road construction] Dorozhnye raboty. 1960. 71 p.
Sbornik 22. [Welding] Svarochnye raboty. 1960. 70 p.
Sbornik 23. [Electric-wiring operations] Elektromontazhnye raboty.
No. 1. [Electric lighting and strong-current wiring] Elektricheskoe osveshchenie i provodki sil'nogo toka. 1960. 45 p.
No. 4. [220 kv electric cable lines] Kabel'nye linii napriazheniem do 220 kv. 1960. 51 p.
Sbornik 24. [Hoisting operations] Takelazhnye raboty. 1960. 47 p.
Sbornik 25. [Assembling equipment for petroleum refineries] Montazh oborudovaniia neftepererabatyvaiushchikh zavodov. 1960. 37 p.
Sbornik 26. [Assembling industrial pipes and pipe fittings] Montazh tekhnologicheskikh truboprovodov i armatury. 1960. 81 p.
Sbornik 27. [Acidproofing] Kislotoupornye raboty. 1960. 50 p.
Sbornik 28. [Assembling the hoisting and conveying equipment] Montazh pod''emno-transportnogo oborudovaniia.
No. 2. [Non-continuous equipment] Oborudovanie preryvnogo deistviia. 1960. 186 p.
Sbornik 29. [Assembling the crushing, milling, grading, and processing equipment] Montazh drobil'no-razmol'nogo oborudovaniia i oborudovaniia dlia sortirovki i obogashcheniia.
No. 1. [Crushing and milling equipment] Drobil'no-razmol'noe oborudovanie. 1960. 46 p.
Sbornik 30. [Assembling boiler units] Montazh kotel'nykh ustanovok. 1960. 121 p.
Sbornik 31. [Assembling compressors, pumps, and ventilators] Montazh kompressorov, nasosov i ventiliatorov. 1960. 90 p.
Sbornik 32. [Assembling the equipment for the chemical industry and gas purification] Montazh oborudovaniia khimicheskoi promyshlennosti i ochistki gazov.
No. 1. [Assembling the equipment for the chemical industry] Oborudovanie khimicheskoi promyshlennosti. 1960. 65 p.
Sbornik 33. [Assembling the equipment for metallurgical plants] Montazh metallurgicheskogo oborudovaniia.
No. 1. [Equipment for blast-furnace plants] Oborudovanie domennykh tsekhov. 1960. 63 p.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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[illegible]

[illegible] [illegible] in medical [illegible] [illegible] vozdushnye [illegible] Moskva, [illegible] po [illegible] [illegible] p.

[MICROFILM]

[illegible] collection of translated articles. Preface by [illegible] Kremnievye vypriamiteli; [illegible] statei. Moskva, Gos. energ. [illegible] p.

[illegible] [illegible] (Method for applying cement [illegible] to be used in trench [illegible] [illegible] report] [illegible] na nal' [illegible] Moskva, [illegible] Akad. kommun. [illegible] p.

[illegible] and I. A. [illegible] (Efficient [illegible] [illegible] [illegible] [illegible] Moskva, [illegible] arkhit. i stroit. [illegible] p.

[illegible] [illegible] (Handbook on [illegible] steel structures) [illegible] Moskva, [illegible] arkhit. i stroit. [illegible] p.

[illegible] and [illegible] (Photon space [illegible] light beyond [illegible] [illegible] [illegible] only [illegible] p.

[illegible] [illegible] [illegible] p.

[illegible] [V. I. Lenin on technological progress, [illegible] in the hall of the Society in Moscow] V. I. Lenin o tekhnicheskom [illegible] Moskva, [illegible] 1961. 30 p. (Vsesoiuznoe [illegible] Ser. 4, Nauka i tekhnika, no. 18)

[illegible] [illegible] system with [illegible] Apparatura magnitnoi [illegible] Moskva, [illegible] 1961. [illegible] p. (Elektrotekhnika [illegible])

[illegible] MAN[illegible] [illegible] Moskva, [illegible] 1959. [illegible] p.

[illegible] [illegible] system. Moskva, [illegible] arkhit. [illegible] materialam, [illegible] p.

[illegible] [illegible] translations of the [illegible] on the theory of Founding [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. 281 p.

[illegible] [illegible] translations of the [illegible] theory of Founding Processes] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible] p.

[SPECIAL] [illegible] [illegible] Moscow univ. [illegible] [Radio physics and electronics] Radiofizika i elektronika. [illegible] V. [illegible] [illegible] p.

[illegible] [illegible] (Manual on the control of mine [illegible] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po [illegible] 1960. 135 p.

[illegible] and V. V. [illegible]KEVA. [Lenin Prizes [illegible] 1958 in the natural sciences and technology. A bibliography] Leninskie premii 1958 goda v oblasti [illegible] Pod red. E. IA. Pepilova. Lenin-grad, [illegible] 1958. 40 p.

STREJC, VLADIMIR, and others. [Fundamentals of the theory of automatic control. Translated from the Czech] Osnovy teorii avtomaticheskogo regulirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 133 p.

STRIZHAKEVICH, K. G. [New methods for organizing the industrialized housing construction, housing construction combines in Leningrad] Novye metody organizatsii industrial'nogo domostroeniia, domostroitel'nye kombinaty Leningrada [Leningrad] Lenizdat, 1960. 54 p.

SUKHAREV, V. V. [Technical thermodynamics] Tekhnicheskaia termodinamika. Izd. 6., perer. Pod red. V. A. Kirillina. Moskva, Gos. energ. izd-vo, 1960. 345 p.

TARKHOVA, M. A. [Initial formation pressure in oil and gas fields] Nachal'nye plastovye davleniia v neftianykh i gazovykh mestorozhdeniiakh. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 107 p.

[TECHNOLOGICAL PROGRESS DURING THE SEVEN YEAR PLAN, bibliography] Tekhnichnyi progres u semyrichtsi; pokazhchyk literatury. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 70 p. [illegible]

TEPINKICHIEV, V. K. [Programmed control of machine tools] Programmnoe upravlenie stankami. [illegible] Moskva, [illegible] izd-vo, 1959. 74 p.

TIK, R. V., and K. B. VIKMAN. [Organizing the [illegible] of printing equipment] Organizatsiia [illegible] poligraficheskogo oborudovaniia. Moskva, Gos. izd-vo "Iskusstvo," 1960. 347 p.

TOLMACHEV, K. KH. [Controlling [illegible] in [illegible]] [illegible] Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 114 p.

TOMPEL, B. I. P. [The work practice of a communist labor brigade at an electric railroad [illegible]] [illegible] Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 29 p.

TSENTRAL'NOE BIURO TEKHNICHESKOI INFORMATSII LESNOI PROMYSHLENNOSTI. [Manual of prices for overhauling machinery and equipment used in lumbering] [illegible] mashin i oborudovaniia, primeniaemykh na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 120 p.

TSIRLINSHIN, B. [Hydraulic [illegible]] [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 59 p.

[TWENTY [illegible]] [illegible] Moskva, [illegible] "Mashinostroenie," 1959. 33 p. [illegible]

[UKRAINIAN CHEMISTRY] Ukrains'ka khimiia. Vyd. 2. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 421 p.

[THE UKRAINIAN POLYTECHNICAL SCHOOL ABROAD] Ukrains'ka vysoka politekhnichna shkola na chuzhyni. Nu-York, Vyd. absol'ventamy Ukrains'koi Hospodars'koi akad. ta Ukrains'koho tekhnichno-hospodars'koho in-tu.

Vol. 1. [The Ukrainian Academy of Technology in Czechoslovakia, 1922-1935] Ukrains'ka hospodars'ka akademiia v Ch. S. R., 1922-1935. 1959. 341 p.

UTKINKOV, Y. F., and M. A. VLASOVA. [Special problems in and methods for conducting building operations under winter conditions] Osobennosti i metody proizvodstva stroitel'nykh rabot v zimnee vremia. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 31 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: Stroitel'stvo, no. 1)

VALEMAN, I. A. [Geography of hydroelectric power resources and plants in foreign countries in the Danube Valley] Geografiia gidroenergoresursov i gidroenergetiki zarubezhnykh Pridunaiskikh stran. Erevan, Izd-vo Erevanskogo univ., 1959. 168 p.

VERIZHNIKOV, S. M. [Industrialized housing construction in Leningrad, housing construction combines] Industrial'noe zhilishchnoe stroitel'stvo v Leningrade; domostroitel'nye kombinaty. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 133 p.

VLASOV, A. N. [Modernization of the [illegible] Plant] [illegible] (Peredovoi nauchno-tekhnicheskii i proizvodstvennyi opyt) [illegible] 1960. 8 p. [illegible]

VLASOV, N. I. [Handbook for [illegible]] [illegible] 1960. [illegible] p.

VIACHESLAVOV, P. M. [Principles of electroplating] Osnovy gal'vanostegii. [Leningrad] Lenizdat, 1960. 243 p. [illegible]

VIAZNIKOV, N. F., and [illegible] FOMAKOV. [Heat [illegible] metallurgy products in [illegible]] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 161 p.

VOLZHENSKII, A. V., M. [illegible], and [illegible] [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 169 p.

VORONOV, P. F. [Organization of freight [illegible]] [illegible] Moskva, [illegible] 1959. 34 p. [illegible]

VORONTSOV, V. M. [illegible] [illegible] Moskva, [illegible] 1959. 32 p.
(Ser. [illegible])

VSESOIUZNAIA [illegible] [illegible] Moskva, [illegible] 1960. 24 p.

VSESOIUZNOE [illegible] AVIATSII [illegible] [illegible] Moskva, 1959. 57 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII [illegible] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. No. 2. [illegible] 1960. 142 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII [illegible] [Handbook on [illegible] technical [illegible]] [illegible] Pod red. A. V. [illegible] Izd. 2., ispr. i dop. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 248 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII [illegible] [Handbook on [illegible]] [illegible] Pod obshchei red. I. A. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 324 p.

VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Pavil'on Elektrifikatsiia. [Leninakan Hydroelectric Power Station] Leninakanskaia gidroelektrostantsiia. Moskva, Ministerstvo elektrostantsii SSSR, [1959] 4 p.

WHITE RUSSIA. Glavnoe upravlenie po organizatsii stroitel'stva v kolkhozakh. [Manual for rural builders] Spravochnik sel'skogo stroitelia. Pod obshchei red. N. N. Afanas'eva. Minsk, Gos. izd-vo BSSR, 1960. 634 p.

ZEMLIAKOV, L. V. [Kapron and its uses in technology] Kapron i ego primenenie v tekhnike. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 84 p.

ZENKOV, L. F. [Technical norms in open pit iron mines] Tekhnicheskoe normirovanie na zhelezorudnykh kar'erakh. Pod red. A. Kh. Rezonl. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 166 p.

ZHEVAGO, I. A., T. Z. POBEGOV, and B. M. SIKOLNOV. [Tools [illegible]] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 303 p.

ZHURAVLEV, [illegible], and [illegible] [Sheet [illegible]] [illegible] Moskva, [illegible] izd-vo mashinostroit. lit-ry, 1960. [illegible] p.

17 MILITARY & NAVAL SCIENCES

AVERCHENKO, [illegible] [Antiaircraft artillery] Zenitnaia artilleriia. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 244 p.

BELINSKII, [illegible] [illegible] Moskva, Voen. izd-vo M-va obor. [illegible] 1960. 107 p. [illegible]

[illegible] [illegible] Moskva, Izd-vo "Morskoi transport," 1960. 242 p.

[illegible] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. [illegible]

[illegible] [illegible] DOSAAF, 1960. 67 p.

[illegible] [illegible] Moskva, Izd-vo "Morskoi transport," 1960. 111 p.

[illegible] [illegible] "Pantera", story of a [illegible] Geroi podvodnoi lodki "Pantera"; istoriia [illegible] [Leningrad] Lenizdat, 1959. 149 p.

ERMOLAEV, V. N., and A. V. KONOVALOV. [Heroes [illegible] of a mine layer] Geroi "O [illegible]" Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 78 p.

[illegible] [Defense against the means of mass destruction] [illegible] Moskva, [illegible] 1959. 80 p. [illegible]

[illegible] [illegible] Moskva, Izd-vo [illegible] 1959. 225 p.

IVANOV, [illegible] A. [illegible] Moskva, Izd-vo "Rechnoi transp." 1960. 74 p.

KADINOV, [illegible] A., and others. [Hull constructions with [illegible] alloys] [illegible] Leningrad, Gos. soiuznoe izd-vo sudostroit. prom., 1960. 101 p.

KAMANIN, Y. I. [Use of radar in navigation] Ispol'zovanie radiolokatsii dlia korablevozhdeniia. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 136 p.

KOTOVSKAIA, O. P. [Faithful son of the Soviet people; memoirs] Vernyi syn sovetskogo naroda; vospominaniia. Kishinev, Gos. izd-vo MSSR "Kartia Moldovenaske," 1959. 33 p.

KRIUCHKOV, Iu. S. [Submarine boats] Podvodnye lodki. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 14)

LAB'KOV, A. M., and N. T. FILIPPOV. [Unity of command in the Soviet Armed Forces and ways for further strengthening it, a lecture presented to the troops] Edinonachalie v Sovetskikh Vooruzhennykh Silakh i puti dal'neishego ukrepleniia, lektsiia, prochitannaia v voiskakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 38 p.

LOCKWOOD, CHARLES A. [Sink'em all. Translated from the English. Preface by A. L. Rodionov] Topi ikh vsekh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 398 p.

MAKUSHENKO, U. I. [illegible] the local air defense [illegible] protivovozdushnoi [illegible] M[illegible] Izd-vo DOSAAF, 19[illegible]

MATAXIS, T., and [illegible] tactics, armaments and [illegible] division, battle groups and [illegible] conditions of atomic warfare [illegible] English] [illegible] [illegible] generals [illegible] gruppy [illegible] oruzhiia. [Preface by [illegible] N. P. T[illegible] Moskva, [illegible] 315 p.

M[illegible]CHERIAKOV, V. V. [illegible] building enterprises] [illegible] [illegible] [illegible], 1958. [illegible] p.

MOSCOW. VOENNAIA AKADEMIIA [illegible] [Forty years of the M. V. [illegible] [illegible] Vysshei [illegible] Moskva, Voen. izd-vo M[illegible] [illegible] (NN[illegible])

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] [illegible] Ministerstvo oborony. [Manual on [illegible] artillery [illegible] [illegible] Moskva, Voen. izd-vo M[illegible] [illegible], 1959. [illegible] p.

[illegible] [illegible] Ministerstvo oborony. [Regulations [illegible] duty of the Armed Forces of the U. S. S. R.; with amendments [illegible] of the Minister of Defense, effective as of March 1, 1960] [illegible] [illegible] Moskva, Voen. izd-vo M[illegible] [illegible], 1960. [illegible] p.

[illegible] [illegible] Vysshei [illegible] Mikhail [illegible] [illegible] Makarov [illegible] Moskva, Voen. izd-vo M[illegible] [illegible] (Materialy [illegible])

Vol. 2. 1960. [illegible] p.

[illegible] M. A. [illegible] [illegible] [illegible] M[illegible] 1957. [illegible] p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation For publishers of such translated periodicals, their subscription prices, etc, see listing at end of this issue

1. GENERAL

a SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences]. Erivan, no. 11/12, Nov.-Dec. 1959.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Social Sciences]. Baku, no. 1, 1960.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 23, nos. 5-6, Nov.-Dec. 1959.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S S. R. Reports]. Tiflis, vol 24, nos. 4-6, 1960. [In Georgian.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol. 16, no. 2-3, Feb.-Mar. 1960.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 30, no. 6, June 1960.

AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial, Vladivostok. Soobshcheniia [ACADEMY OF SCIENCES OF THE U. S. S. R. Far Eastern Branch. Reports]. Vladivostok, nos. 1-5, 1950-1952.

AKADEMIIA NAUK SSSR. Karel'skii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Karelian Branch. Transactions]. Petrozavodsk, nos. 19, 22, 1959.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Branch. Bulletin]. Novosibirsk, no. 2, 1960.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. East Siberian Branch. Transactions]. Moscow, no. 26, 1959.

AKADEMIIA NAUK TADZHIKSKOI SSR, Stalinabad. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Transactions]. Stalinabad, vol. 98, 1959.

AKADEMIIA NAUK URSR, Kiev. Visnyk [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Journal]. Kiev, vol. 29, no. 8(261), Aug. 1958. [In Ukrainian.]

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in the Social Sciences]. Tashkent, no. 1, 1960.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [ACADEMY OF SICENCES OF THE WHITE RUSSIAN S. S. R. Bulletin. Series in the Social Sciences]. Minsk, no. 1, 1960. [In White Russian.]

DZAUDZHIKAU. SEVERO-OSETINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Izvestiia [NORTH OSSETIAN SCIENTIFIC RESEARCH INSTITUTE. Bulletin]. Vol. 21, no. 1, 1958.

GORKIY. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 20, 1958.

KISHINEV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records]. Vol. 32, 1958.

LENINGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A. I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Scientific Records]. Vol. 193, 1959.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records]. No. 281, 1959. Seriia vostokovedcheskikh nauk [Series in Oriental Studies], no 10; no 282, 1959. Seriia vostokovedcheskikh nauk [Series in Oriental Studies], no. 11; no. 284, 1960. Seriia filologicheskikh nauk [Series in the Philological Sciences], no. 57; no. 287, 1960: Seriia filosofskikh nauk [Series in the Philosophical Sciences], no. 19.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY Review] Vol 15, no. 11, 1960: Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no 2, vol. 15, no. 12, 1960: Seriia geologii i geografii [Series in Geology and Geography], no 2.

LENINGRAD. UNIVERSITET. Studencheskoe nauchnoe obshchestvo. Biulleten' [UNIVERSITY. Student Scholarly Society. Bulletin]. No. 1, 1958.

MOSCOW. UNIVERSITET Uchenye zapiski [UNIVERSITY. Scientific Records]. No. 156, 1952; no. 186[a], 1959.

'MOSCOW. UNIVERSITET Vestnik [UNIVERSITY. Review]. Vol. 4, nos. 2-8, 11, Feb.-Aug., Nov. 1949; vol. 5, no. 12, Dec. 1950; vol 6, nos. 3, 5-6, 8, 10, 12, Mar., May-June, Aug, Oct., Dec. 1951.

MOSCOW. UNIVERSITET. Vestnik. Seriia biologii, pochvovedeniia, geologii, geografii [UNIVERSITY. Review. Series in Biology, Soil Science, Geology, Geography]. Vol. 14, nos. 3-4, 1959.

SAMARKAND. UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Trudy [UZBEK STATE UNIVERSITY. Transactions]. No. 78, 1958.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 12, 1959; nos. 14-15, 1960.

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, nos. 2(120), 4(122)-5(123), 1960.

TOMSK. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 144, 1959.

UCHENYE ZAPISKI KAFEDR OBSHCHESTVENNYKH NAUK VUZOV G. LENINGRADA [STUDIES BY THE DEPARTMENTS OF SOCIAL SCIENCES OF LENINGRAD INSTITUTIONS OF HIGHER EDUCATION]. Leningrad, no. 2, 1960.

b. POPULAR MAGAZINES

AMERIKA, illiustrirovannyi zhurnal [AMERICA ILLUSTRATED] Published by the United States Information Agency. Washington, D.C., no. 47, [1960].

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth of Lenin]. Kiev, no. 7, July 1960 [In Ukrainian.]

BELARUS' [WHITE RUSSIA]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 17, no. 2(187)-3(188), Feb.-Mar. 1960. [In White Russian.]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi [Central Committee of the White Russian Communist Youth League of Lenin]. Minsk, vol. 36, no. 7, July 1960. [In White Russian.]

KAPKĂN; Chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, vol 20, nos. 13(358)-14(359), July 1960. [In Chuvash.]

KHORPUSHTAK [HEDGEHOG]. Stalinabad, no. 6(86), June 1960 [In Tajik.]

KITAI [CHINA]. Published by "Narodnoe iskusstvo" ["People's Art"]. Peiping, no. 10, May 1960.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and Soiuz pisatelei SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Association of Writers of the U. S. S. R.]. Leningrad, no. 8, Aug. 1960.

KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda." Moscow, nos. 17(1595)-21(1599), June-July 1960.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Vsesoiuznoe obshchestvo kul'turnoi sviazi s zagranitsei [All-Union Society for Cultural Relations with Foreign Countries]. Moscow, vol. 4, nos. 2-4, 1960.

MURZILKA [TINY TOT]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 7-8, July-Aug. 1960.

MUSHTUM [PUNCH]. Tashkent, vol. 37, nos. 12(582)-14(584), June-July 1960. [In Uzbek.]

NOVAIA KOREIA [NEW KOREA]. Izd-vo [Publishing House] "Novaia Koreia." Pyongyang, no. 120, 1959, nos. 121-125, 130-131, 1960.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by Koreiskoe obshchestvo kul'turnoi sviazi s zagranitsei [Korean Society for Cultural Relations With Foreign Countries]. [Pyongyang?], vol. 1, no. 7, Sep. 1957.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 38, nos. 5(1702), 9(1706)-19(1716), Jan.-May 1960.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Organ of Moskovskii komitet and Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, no. 109, 1959; no. 111, 1960.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 20, nos. 13(432)-14(433), July 1960. [In Ukrainian.]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 37, no. 8, Aug. 1960.

PIONER [PIONEER]. Erivan, no. 6, June 1960. [In Armenian.]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, vol. 37, no. 7(440), July 1960. [In Ukrainian.]

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda." Moscow, no. 7, July 1960.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., no. 77, Aug. 1960.

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., no. 107, Aug. 1960.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 11, no. 3, Mar. 1958; vol. 13, nos. 2-3, Feb.-Mar. 1960. [In Ukrainian.]

SOVREMENNYI VOSTOK [THE EAST TODAY]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1960.

SVOBODNOE SLOVO; ezhemesiachnyi karpato-russkii zhurnal [FREE WORD, Carpatho-Russian Monthly]. Newark, vol. 2, no. 5/6(17/18), May-June 1960.

TOČHIKISTON [TAJIKISTAN]. Stalinabad, vol. 5, no. 5, May 1960. [In Tajik.]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 5(260)-6(261), Mar. 1960. [In Ukrainian.]

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 18, no. 8(232), Aug. 1959. [Parallel texts in Uzbek and Russian.]

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 20, nos. 1(479), 12(490), Jan., June 1960. [In White Russian.]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha Spilka [Ukrainian Publishers, Ltd.]. London, vol. 7(13), nos. 6(152)-7(153), June-July 1960. [In Ukrainian.]

ZA SYNIM OKEANOM [BEYOND THE BLUE OCEAN]. New York, vol. 2, no. 4, May-June 1960. [In Ukrainian.]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhonemykh [All-Russian Society of Deaf-Mutes]. Moscow, vol. 13, no. 7, July 1960.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 37, nos. 6-7, June-July 1960.

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

CHTO CHITAT' [WHAT TO READ]. Issued by Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 3, nos. 1-3, Jan.-Mar. 1960.

EZHEGODNIK KNIGI SSSR; sistematicheskii ukazatel'. 1958 [ANNUAL OF SOVIET BOOKS; Classified Index. 1958]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1960.

NFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, no. 13, July 1960.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 26-28, 30, 1960.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 2, 1960.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-29, 1960.

LITOPYS KNYH [BOOK CHRONICLE]. Organ of Knyzhkova palata Ukrains'koi RSR [Book Chamber of the Ukrainian S.S.R.]. Kharkov, vol. 37, no. 5, May 1960. [In Ukrainian.]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical-Mathematical, Chemical and Geological-Geographical Sciences; Technology and Technological Sciences; Technological Catalogs of Foreign Firms]. No. 19, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2. Biological, Medical, and Agricultural Sciences] Nos. 16, 19-20, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences and Belles-Lettres]. Nos. 19-20, 1960.

MUNICH. RUSSKAIA BIBLIOTEKA. Bibliograficheskii biulleten' [RUSSIAN LIBRARY. Bibliographical Bulletin]. No. 17, 1960.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-3, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES: HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1960

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU: CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 3, 1960.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 3-4, 1960.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-4, 1960.

NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S.S.R.]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S.S.R.]. Kiev, nos. 11-12, June 1960. [In Ukrainian.]

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 27-30, July 1960.

NOVYE KNIGI ZA RUBEZHOM. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW BOOKS ABROAD. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 3, Mar. 1960.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia [NEW BOOKS ABROAD ON SOCIAL SCIENCES; Economics, Philosophy, History]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 3, no. 6, June 1960.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 1, 1960.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]. Moscow, no. 2(42), 1960.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 6, June 1960.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 12, 1959.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA; ukazatel' literatury [LIBRARY SCIENCE AND BIBLIOGRAPHY, an Index to the Literature]. Oct.-Dec. 1959. Issued by Nauchno-metodicheskii otdel bibliotekovedeniia i bibliografii Gosudarstvennoi biblioteki SSSR imeni V. I. Lenina [Scientific Methodological Division of Library Science and Bibliography of the V. I. Lenin State Library] Moscow, no. 4, 1960.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA ZA RUBEZHOM [LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD]. Issued by Gosudarstvennaia biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U.S.S.R.]. Moscow, no. 4, 1959.

c. PRINTING & THE BOOK TRADE

PECHAT' SSSR, 1959; statisticheskie materialy [THE PRESS OF THE U.S.S.R., 1959, statistical material]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1960.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, nos. 2-4, Feb.-Apr. 1960.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie po rasprostraneniiu pechati Ministerstva sviazi SSSR [Main Administration for the Dissemination of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 3, Mar. 1960.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Vsesoiuznoe ob"edinenie knizhnoi torgovli Ministerstva kul'tury SSSR [All-Union Association of Book Trade of the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 12, nos. 2-3, Feb.-Mar. 1960.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3-5, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]. Moscow, vol. 3, no. 1, 1960.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 6, 1960.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 6, no. 1, Jan.-Feb. 1960. [With summaries in English.]

b. RELIGION

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, nos. 1-3, Sep.-Nov. 1959; nos. 3-4, Mar.-Apr. 1960.

PRAVOSLAVNAIA RUS'. ORTHODOX RUSSIA. Published by the Holy Trinity Monastery, Jordanville, N.Y., vol. 31, no. 14(703), July 1960.

PRAVOSLAVNAIA ZHIZN'. ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus'" ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N.Y., no. 6, June 1960.

RIDNA TSERKVA [OUR BELOVED CHURCH] Issued by Vyshche tserkovne upravlinnia Ukrains'koi avtokefal'noi pravoslavnoi tserkvi na chuzhyni [Main Ecclesiastical Administration of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, no. 43, July-Sep 1960. [In Ukrainian.]

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Louvain, no 3(46), May-June 1960

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America] New York, vol 56, no 5, May 1960.

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J , vol. 11, no 8, Aug 1960 [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, nos 5(149)-7(151), May-July 1960.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK SSSR, Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. Review of Ancient History]. Moscow, no. 1, 1960.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oriental Studies. Studies]. Moscow, vol. 25, 1960.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U.S.S.R. Materials and Reports of the Research Department] Munich, no. 10, Dec. 1959.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Vestnik. INSTITUTE FOR THE STUDY OF THE U S.S.R. [Journal] Munich, no. 4(32), Oct.-Dec. 1959; no. 1(33), Jan -Mar 1960

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Gosudarstvennoe izd-vo kul'turno-prosvetitel'noi lit-ry and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [State Publishing House of Cultural and Educational Literature and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. 5, nos. 4-5, Apr.-May 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9. Istoricheskie nauki [UNIVERSITY. Review. Series 9. Historical Sciences]. Vol. 15, nos. 2-3, Mar.-June 1960.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S.S.R.]. Moscow, nos. 1-4, 1960

OBSHCHESTVO RUSSKIKH VETERANOV VELIKOI VOINY, San Francisco. Vestnik [SOCIETY OF RUS-
F THE GREAT WAR Herald].
Mar. 1960.

O VOSTOKOVEDENIIA
RIENTAL STUDIES IN
ostokovedeniia Akade-
riental Studies of the
S.S.R.]. Moscow,

CHING HIS-
sterstvo pro-
ion of the
-Apr.

ULAN-UDE. BURIAT-MONGOL'SKII GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KUL'TURY. Zapiski [BURYAT-MONGOLIAN STATE SCIENTIFIC RESEARCH INSTITUTE OF CULTURE. Records]. No. 25, 1958.

VESTNIK ISTORII MIROVOI KUL'TURY [REVIEW OF THE HISTORY OF WORLD CULTURE] Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of Historical Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan.-Feb. 1960.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1960.

b. ARCHAEOLOGY & ANTIQUITIES

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U.S.S.R.]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 81, 1960.

MOSCOW. GOSUDARSTVENNYI ISTORICHESKII MUZEI. Pamiatniki kul'tury [STATE HISTORICAL MUSEUM Landmarks of Culture]. No. 28, 1959.

5. SOCIAL SCIENCES

a. COMMERCE

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, nos 6-7, 1960.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S R.]. Moscow, vol. 33, no. 3, Mar. 1960.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD, Organization, New Methods, and Equipment of Trade and Public Food Service]. Issued by Gos. izd-vo torgovoi lit-ry [State Publishing House of Trade Literature]. Moscow, no. 7, 1960.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 30, no. 6, 1960.

b. ECONOMICS

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Otdel ekonomicheskikh issledovanii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Department of Economic Research. Transactions]. Sverdlovsk, no. 3, 1958.

BIULLETEN' PO OBMENU ZHILOI PLOSHCHADI [BULLETIN FOR EXCHANGE OF LIVING QUARTERS]. Issued by Biuro po obmenu zhilymi pomeshcheniiami [Bureau for Exchange of Living Quarters]. Moscow, no. 44, June 1960.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1, Jan.-Feb. 1960. [In Ukrainian.]

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no. 3, Mar. 1960.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1960.

MOSCOW. GOSUDARSTVENNYI EKONOMICHESKII INSTITUT. Nauchnye trudy [STATE INSTITUTE OF ECONOMICS. Studies]. No. 17, 1959.

MOSCOW. INSTITUT NARODNOGO KHOZIAISTVA. Sbornik nauchnykh rabot [INSTITUTE OF THE NATIONAL ECONOMY. Collected Papers]. No. 16, 1959.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8: Ekonomika, filosofiia [UNIVERSITY. Review. Series 8: Economics, Philosophy]. Vol. 15, no. 3, May-June 1960.

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 18, no. 3, Mar. 1960.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S S.R.] Moscow, nos. 3-4, 1960.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S R.]. Moscow, nos. 10-10, 1960.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Organ of Gosudarstvennaia planovaia komissiia SSSR [State Planning Commission of the U.S.S.R.]. Moscow, vol. 37, no. 6, June 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]. Moscow, no 1, 1960.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi sovet potrebitel'skikh obshchestv SSSR [Central Council of Consumer Unions of the U.S.S.R.]. Moscow, vol. 4, nos. 2-3, 1960.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 17, nos. 3, 6, Mar., June 1960.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, nos. 3, 6, 1960.

*VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1960.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol. 18, no. 6, June 1960.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 21, no. 6, June 1960.

d. LABOR

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov SSSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 4, no. 3, 1960.

BIULLETEN' NAUCHNOI INFORMATSII: TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION: LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U.S.S.R. for Labor and Wages]. Moscow, vol. 2, no. 10, 1959; vol. 3, nos. 1-2, 6, 1960.

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 3, nos. 2, 4, Feb., Apr. 1960.

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 38, no. 7, July 1960.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'ny kamitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 2, Feb. 1960. [In Ukrainian.]

LAW

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 4, no. 3, Mar. 1960.

*SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 24, nos. 3, 6, Mar., June 1960.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 7, nos. 1, 3, Jan., Mar. 1960

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U.S.S.R.]. Moscow, vol. 18, no. 7, July 1960.

VSEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 14, no. 2, Feb. 1960.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 7, July 1960.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 30, nos. 7(620) 8(621), July Aug. 1960.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportyvnykh tovarystv i orhanizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, nos. 6 7, June July 1960 [In Ukrainian.]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of Tsentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U.S.S.R.]. Moscow, no. 7(63), July 1960.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, nos. 7 8, July Aug. 1960.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 37, no. 7, July 1960.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov RSFSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 3, no. 6, June 1959; vol. 4, nos. 6 8, June Aug. 1960

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sport, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 7(62), July 1960

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of Komitet po fizicheskoi kul'ture i sportu pri Sovete Ministrov SSSR [Committee on Physical Culture and Sports, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 22, no. 12, 1959; vol. 23, nos. 2, 6, 1960.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, no. 6, June 1960.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 7, July 1960.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 8(80), Apr. 1960.

SOVETSKIE FIL'MY [SOVIET FILMS]. Issued by Vsesoiuznoe kinoob"edinenie [All Union Cinema Association] "Sovexportfil'm." Moscow, no. 6, June 1960

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 3, nos. 10-11, July 1960

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 24, no. 3, Mar. 1960.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi Tsentral'nyi Sovet Professional'nykh Soiuzov [All Union Central Council of Trade Unions]. Moscow, vol. 4, no. 7, July 1960

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Issued by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 3(60), 1960

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 4, no. 8(35), Aug. 1960

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 21, no. 3, Mar. 1960

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR, Vserossiiskoe teatral'noe obshchestvo, and Orgkomitet Soiuza pisatelei RSFSR [Ministry of Culture of the R.S.F.S.R., All Russian Theater Society, and the Organization Committee of the Association of Writers of the R.S.F.S.R.]. Moscow, nos. 11 14, June July 1960

10. FINE ARTS

a. GENERAL

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. Soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R., Institute of History of Fine Arts. Reports]. Moscow, no. 15, 1959.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, no. 7, 1960

LENINGRAD. ERMITAZH. Soobshcheniia [HERMITAGE. Reports]. Nos. 15-16, 1959.

MYSTETSTVO [ART]. Organ of Ministerstvo kul'tury URSR, Spilka radians'kykh kompozytoriv and Spilka radians'kykh khudozhnykiv Ukrainy [Ministry of Culture of the Ukrainian S.S.R., Association of Soviet Composers, and Association of Soviet Artists of the Ukraine]. Kiev, vol. 7, no. 1, Jan. Feb. 1960. [In Ukrainian.]

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R.]. Erivan, nos. 1, 7, 1960 [In Armenian.]

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz sovetskikh khudozhnikov [Association of Soviet Artists]. Moscow, no. 7(43), 1960.

b. ARCHITECTURE

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Visnyk [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE UKRAINIAN S.S.R. Journal]. Kiev, no. 1, 1960. [In Ukrainian.]

ARKHITEKTURA I STROITEL'STVO MOSKVY [ARCHITECTURE AND CONSTRUCTION IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 8, no. 7, July 1959.

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and of the Association of Architects of the U.S.S.R.]. Moscow, nos. 3, 6, 1960

PROBLEMY SOVETSKOGO GRADOSTROITEL'STVA [PROBLEMS OF SOVIET CITY PLANNING]. Issued by Institut gradostroitel'stva i raionnoi planirovki Akademii stroitel'stva i arkhitektury SSSR [Institute of City Development and Area Planning of the Academy of Building and Architecture of the U.S.S.R.]. Moscow, no. 8, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning, Construction and Architecture]. Moscow, no. 11-12, 1959

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Organ of Ministerstvo budivnytstva URSR and Spilka arkhitektoriv Ukrainy [Ministry of Construction of the Ukrainian S.S.R. and of the Association of Architects of the Ukraine]. Kiev, vol. 8, nos. 2 3, 6, Feb. Mar., June 1960.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta, Leningradskoe otdelenie Soiuza arkhitektorov SSSR, and Leningradskii filial Akademii stroitel'stva i arkhitektury SSSR [Executive Committee of the Leningrad City Soviet, Leningrad Branch of the Association of Architects of the U.S.S.R., and the Leningrad Branch of the Academy of Construction and Architecture of the U.S.S.R.]. Leningrad, vol. 22, nos. 2 3, 1960.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 9, no. 6, June 1960.

STROITEL'STVO I ARKHITEKTURA ZA RUBEZHOM [CONSTRUCTION AND ARCHITECTURE ABROAD]. Issued by Gosudarstvennoe izdatel'stvo literatury po stroitel'stvu i arkhitekture USSR [State Publishing House of Literature on Construction and Architecture of the Ukrainian S.S.R.]. Kiev, no. 3, 1959.

11. LANGUAGE, LITERATURE, & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Published by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 1, Jan. Feb. 1960

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE OF FOREIGN LANGUAGES. Studies]. Vol. 22, 1959.

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3 4, 1960

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 3 4, 1960

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 21, nos. 1-2, Jan.-Apr. 1960.

STUDENT. THE STUDENT'S RUSSIAN MONTHLY. Washington, D.C., July, August 1960

VOPROSY IAZYKOZNANIIA [PROBLEMS OF LINGUISTICS]. Issued by Institut iazykoznaniia Akademii nauk SSSR [Institute of Linguistics of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 9, nos. 1-2, Jan. Apr. 1960.

b. LITERATURE & FOLKLORE

[illegible]

MOLODAIA GVARDIIA, literaturno khudozhestvennyi i [illegible] politicheskii zhurnal [YOUNG GUARD: Literary and [illegible]-Political Magazine]. Issued by [illegible] Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union [illegible] Youth League of Lenin]. Moscow, [illegible] 1960.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei SSSR and [illegible] [Association of Writers of the U.S.S.R. and the Moscow [illegible] Association of Writers of the U.S.S.R.]. Moscow, [illegible]

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, [illegible] 4, 1960.

NEMAN [NEMAN RIVER]. Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. [illegible] July-Aug. 1960.

[illegible]

SVET NAD BAIKALOM [LIGHT OVER THE BAIKAL]. Organ of Soiuz pisatelei i Ministerstva kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buriat A.S.S.R.]. Ulan-Ude, vol. 6, no. 3, May-June 1960.

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.]. Sverdlovsk, no. 7, July 1960.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, vol. 28, no. 8, Aug. 1960. [In Ukrainian.]

VSESVIT, THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo kul'turnoho zv'iazku z zakordonom [Association of Writers of the Ukraine and the Ukrainian Society for Cultural Relations with Foreign Countries]. Kiev, nos. 6(24)-7(25), June-July 1960. [In Ukrainian.]

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 10, nos. 5-6, May-June 1960. [In Ukrainian.]

ZHULDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana and Ministerstvo kul'tury Kazakhskoi SSR [Association of Soviet Writers of Kazakhstan and the Ministry of Culture of the Kazakh S.S.R.]. Alma Ata, nos. 6-7, June-July 1960. [In Kazakh.]

ZVEZDA [THE STAR]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, nos. 2-3, Feb.-Mar. 1960.

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 30, no. 6, June 1960.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Ethnography. Transactions]. Moscow, vol. 50, 1960.

AKADEMIIA NAUK SSSR. Muzei antropologii i etnografii. Sbornik [ACADEMY OF SCIENCES OF THE U.S.S.R. Museum of Anthropology and Ethnography. Annals]. Moscow, vol. 19, 1960.

NARODNA TVORCHIST' TA ETNOHRAFIIA [FOLK ART AND ETHNOGRAPHY]. Issued by Instytut mystetstvoznavstva, fol'kloru ta etnohrafii Akademii nauk URSR [Institute of Fine Arts, Folklore, and Ethnography of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 3, no. 4, Oct.-Dec. 1959. [In Ukrainian.]

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, Jan.-Feb. 1960.

VOPROSY ANTROPOLOGII [PROBLEMS OF ANTHROPOLOGY]. Issued by Institut antropologii Moskovskogo gosudarstvennogo universiteta [Institute of Anthropology of Moscow State University]. Moscow, nos. 1-2, 1960.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geographical Series]. Moscow, no. 3, May-June 1960.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Oceanography. Transactions]. Moscow, vol. 37, 1960.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Oceanographic Commission. Transactions]. Moscow, vol. 5, 1959.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin]. Moscow, vol. 92, no. 3, May-June 1960.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 23, no. 2, Mar.-Apr. 1960.

KARTOGRAFICHESKAIA LETOPIS', 1959 [CARTOGRAPHIC CHRONICLE, 1959]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, 1960.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 72, 1959, nos. 73, 75-76, 1960.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE. Transactions]. No. 48, 1959.

PROBLEMY ARKTIKI [PROBLEMS OF THE ARCTIC]. Issued by Arkticheskii nauchno-issledovatel'skii institut [Arctic Scientific Research Institute]. Leningrad, no. 6, 1959.

PROBLEMY ARKTIKI I ANTARKTIKI [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC]. Issued by Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 2, 1960.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS GEOGRAPHY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S R.]. Moscow, no 4, Apr. 1958, nos. 6-7, June-July 1960.

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 3-4, Mar.-Apr. 1960.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions]. Moscow, no. 11, 1960.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Yakut Branch. Transactions. Geological Series]. Moscow, no. 3, 1959.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 24, 1960.

*GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U S S R]. Moscow, nos. 1-2, 1960. [With summaries in English.]

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol. 106, 1960.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vols. 29, 35, 1960.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 140, 1959; no. 146, 1960.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1959.

REFERATIVNYI ZHURNAL· GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1, 12, Jan., Dec. 1959; nos. 6-7, June-July 1960.

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA. Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions]. Leningrad, no. 5, 1959.

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 6, 1959; no. 1, 1960.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 29, no. 5, 1959; vol. 30, no. 2, 1960.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Reports]. Baku, vol. 16, no. 1, 1960.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U S S.R. Reports]. Moscow, vol. 132, nos. 5-6, June 1960.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 27, 1959; vol. 29, 1960.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Reports]. Kiev, nos. 1-2, 1960 [In Ukrainian.]

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Doklady [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Reports]. Tashkent, no. 11, 1956.

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Reports]. Minsk, vol. 4, nos. 1-3, Jan.-Mar. 1960.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Fiziko-matematicheskaia i khimicheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies. Physicomathematical and Chemical Series]. No. 1, 1950. [In Russian or Azerbaijani with summaries in the other language.]

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S S.R.]. Tashkent, nos. 6(40)-7(41), June-July 1960. [In Uzbek.]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 27, nos. 2-3, Feb.-Mar. 1960.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, vol. 10, nos. 1(106)-2(107), Jan.-Feb. 1960. [In Ukrainian.]

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW BOOKS ABROAD. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 13, no. 3, Mar. 1960.

OKHRANA PRIRODY I ZAPOVEDNOE DELO V SSSR. Biulleten' [PROTECTION OF NATURE AND THE WORK OF THE PRESERVES IN THE U.S.S.R. Bulletin]. Issued by Komissiia po okhrane prirody Akademii nauk SSSR [Commission for the Protection of Nature of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, 1960.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, June 1960.

*ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 35, no. 3, Mar. 1960.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 3(241), Mar. 1960. [In Ukrainian.]

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]. Moscow, no. 3, 1958; nos. 4, 6, 8, 1959; no. 2(12), 1960.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Bulletin]. Leningrad, vol. 7, no. 6(89), 1959; no. 8(91), 1960.

AKADEMIIA NAUK SSSR. Krymskaia astrofizicheskaia observatoriia. Izvestiia [ACADEMY OF SCIENCES OF THE U.S.S.R. Crimean Astrophysical Observatory. Bulletin]. Moscow, vol. 21, 1959.

ASTRONOMICHESKII TSIRKULIAR [ASTRONOMICAL CIRCULAR]. Published by Biuro Astronomicheskikh soobshchenii Akademii nauk SSSR [Bureau of Astronomic Information of the Academy of Sciences of the U.S.S.R.]. Kazan, nos. 204-207, Sep.-Oct., Dec. 1959.

* ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 37, no. 3, May-June 1960.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva vnutrennykh del SSSR [Main Administration of Geodesy and Cartography of the Ministry of Interior of the U.S.S.R.]. Moscow, nos. 1-3, Jan.-Mar. 1960.

ISSLEDOVANIIA IONOSFERY I METEOROV. Sbornik statei; 5 razdel programmy MGG (Ionosfera i meteory). INVESTIGATIONS OF THE IONOSPHERE AND METEORS. [Articles; 5th Section of the IGY Program (Ionosphere and Meteors)]. Issued by Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda pri Prezidiume Akademii nauk SSSR [Interdepartmental Committee on the International Geophysical Year, Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1960.

METEORITIKA [METEORITICS]. Issued by Komitet po meteoritam Akademii nauk SSSR [Committee on Meteorites of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 17, 1959.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. Nos. 131, 133, 1960.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1958; nos. 1, 5-10, Jan., May-Oct 1959; no. 6, June 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]. Moscow, no. 1, 1959; no. 2, 1960.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 27(34), 1960.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Biological Sciences]. Erivan, vol. 12, no. 12, Dec. 1959.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in Botany and Soil Science]. Alma-Ata, no. 1(4), 1959; no. 1(7), 1960.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in Biological Sciences]. Frunze, vol. 1, no. 1, 1959.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Biological Series]. Moscow, no. 2, Mar.-Apr. 1960.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Transactions. Ser. 5. Rastitel'noe syr'e [Plant Resources]. Moscow, no. 6, 1960.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Institut biologii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Yakut Branch. Institute of Biology. Transactions]. Moscow, no. 6, 1959.

AKADEMIIA NAUK SSSR. Institut morfologii zhivotnykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Animal Morphology. Transactions]. Moscow, nos. 13, 28, 31, 1960.

AKADEMIYA NAUK UZBEKSKOI SSR, Tashkent. [illegible] [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin [illegible]] Tashkent, [illegible]

AKADEMIYA NAVUK B. S. R., Minsk. Vestsi [illegible] [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin [illegible]] Minsk, no. 1, [illegible]

ANNALS [illegible] Vol. [illegible] 1960.

[illegible] [AZERBAIDZHAN STATE UNIVERSITY [illegible]] No. 2, 1959. [illegible]

[illegible]

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[illegible] [JOURNAL OF GENERAL [illegible]] [illegible] Moscow, [illegible]

[illegible] [illegible] JOURNAL] [illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible] MATHEMATICS

[illegible]

AKADEMIYA NAUK SSSR, [illegible] [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin [illegible] Mathematics [illegible]] Moscow, vol. 24 [illegible]

MATEMATICHESKII [illegible] [MATHEMATICAL [illegible]] [illegible]

MATEMATIKA [illegible] [MATHEMATICS [illegible]] [illegible]

[illegible] MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS] [illegible]

[illegible] ZHURNAL MATEMATIKA [illegible]

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[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MEZHDUNARODNYI GEOFIZICHESKII GOD, Informatsionnyi biulleten' [THE INTERNATIONAL GEOPHYSICAL YEAR; Information Bulletin]. Issued by Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda pri Prezidiume Akademii nauk SSSR [Interdepartmental Committee on the International Geophysical Year, Attached to the Presidium of the Academy of Sciences of the U. S. S. R.], Moscow, no. 8, 1960.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. No. 96, 1960.

*PRIBORY I TEKHNIKA EKSPERIMENTA [INSTRUMENTS AND EXPERIMENTAL TECHNIQUES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 1, Jan.-Feb. 1959.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1960, Avtorskii ukazatel' [Author index], 1957; Predmetnyi ukazatel' [Subject index], 1957.

REFERATIVNYI ZHURNAL. GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1960

REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS: MECHANICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R]. Moscow, nos. 7, 12, July, Dec. 1957, nos. 9-11, Sep.-Nov 1958, nos. 6-7, June-July 1960.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Radio Physics] Moscow, vol. 2, no. 6, 1959.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, fizika [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, no 6, 1959.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego obrazovaniia. Nauchnye doklady vysshei shkoly; fiziko-matematicheskie nauki [Ministry of Higher Education Research Papers of Higher Schools; Physical and Mathematical Sciences]. Moscow, no. 3, 1959.

SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [CENTRAL ASIA HYDROMETEOROLOGICAL RESEARCH INSTITUTE. Transactions]. Leningrad, no. 2(7), 1959.

TIFLIS. NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Leningrad, no. 5, 1959.

* USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.], Moscow, vol. 71, no. 2, June 1960.

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 14, nos. 6, 10, 1959; vol. 15, no. 1, 1960.

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehiiie nazirliii [Azerbaijan Ministry of Health]. Baku, no. 3, Mar. 1960.

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A. S. S. R. and the Council of Medical Societies]. Kazan, vol. 41, no. 1, Jan.-Feb. 1960.

MATERIALY PO OBMENU NAUCHNOI INFORMATSIEI [MATERIALS FOR EXCHANGE OF SCIENTIFIC INFORMATION]. Issued by Ukrainskii nauchno-issledovatel'skii institut khimicheskoi meditsiny [Ukrainian Scientific Research Institute of Clinical Medicine]. Kiev, no. 2, 1958.

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R]. Moscow, Razdel [Section] 2, vol. 4, no. 7, July 1960; Razdel [Section] 4, vol. 4, no. 7, July 1960; Razdel [Section] 5, vol. 4, no. 7, July 1960, Razdel [Section] 6, vol. 4, no. 7, July 1960.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia UzSSR [Ministry of Health of the Uzbek S. S R.]. Tashkent, nos. 5-11, May-Nov. 1958

MOSCOW. VTOROI MOSKOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Uchenye zapiski [SECOND MOSCOW STATE MEDICAL INSTITUTE. Studies]. Vol. 16, 1958.

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S. S R. Kishinev, vol. 3, nos. 1-3, Jan.-June 1960. [In Moldavian.]

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 37, no. 8, 1959. [With summaries in French.]

SUDEBNO-MEDITSINSKAIA EKSPERTIZA [MEDICO-LEGAL EXAMINATION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S. S. R.]. Moscow, vol. 2, no. 2, Apr.-June 1959.

VESTNIK RENTGENOLOGII I RADIOLOGII [REVIEW OF ROENTGENOLOGY AND RADIOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 35, no. 1, Jan.-Feb. 1960.

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, nos. 1-4, Jan.-Apr. 1960.

ZDOROV'E [HEALTH] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, no. 5, May 1960.

ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S. S. R.]. Kishinev, vol. 2, no. 6, Nov.-Dec. 1959; vol. 3, no. 1, Jan.-Feb. 1960.

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 3, no. 10, Oct. 1957; vol. 6, no. 2, Feb. 1960.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 31, no. 2, Feb. 1960. [With summaries in English.]

c. NEUROLOGY & PSYCHIATRY

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SUDEBNOI PSIKHIATRII. Problemy sudebnoi psikhiatrii [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FORENSIC PSYCHIATRY. Problems of Forensic Psychiatry]. Vol. 8, 1959.

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 60, no. 1, 1960. [With summaries in French.]

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

OFTALMOLOGICHESKII ZHURNAL [OPHTHALMOLOGICAL JOURNAL]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, no. 12, no. 5, 1957. [With summaries in English.]

e. PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, no. 2, Mar.-Apr. 1960.

f. PHARMACY & MATERIA MEDICA

APTECHNOE DELO [PHARMACY]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 9, nos. 1-2, Jan.-Apr. 1960.

KHIMIIA I MEDITSINA [CHEMISTRY AND MEDICINE]. Issued by Vsesoiuznyi nauchno-issledovatel'skii khimiko-farmatsevticheskii institut [All-Union Chemicopharmaceutical Scientific Research Institute]. Moscow, no. 11, 1959.

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U. S. S. R.]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 14, nos. 3-4, Mar.-Apr., no. 6, June 1960.

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, no. 3, Mar. 1960.

GIGIENA I SANITARIIA [HYGIENE AND SANITATION]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S S R]. Moscow, vol. 25, no. 2, Feb. 1960.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 19, no. 4, Apr. 1960.

USLOVIIA ZHIZNI I ZDOROV'E [LIVING CONDITIONS AND HEALTH]. Issued by Vsemirnyi s"ezd vrachei po izucheniiu sovremennykh uslovii zhizni i zdorov'ia [World Congress of Doctors for the Study of Present-Day Living Conditions]. Moscow, vol. 1, no. 6, 1959.

h. SURGERY & DENTISTRY

GRUDNAIA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 1, no. 1, Jan.-Feb. 1959. [With summaries in English.]

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 35, no. 12, Dec. 1959.

LENINGRAD. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF TRAUMATOLOGY AND ORTHOPEDICS. Transactions]. No. 7, 1958.
(DNLM)

PROBLEMY STOMATOLOGII; sbornik nauchnykh rabot Stomatologicheskogo fakul'teta Kievskogo meditsinskogo instituta i Khar'kovskogo meditsinskogo stomatologicheskogo instituta [PROBLEMS OF STOMATOLOGY, Collection of Scientific Papers from the Faculty of Stomatology of the Kiev Medical Institute and the Kharkov Medical Stomatological Institute]. Kiev, vol 4, 1958.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRICULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 5, nos. 1-7, Jan.-July 1960. [In Moldavian.]
(DA)

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 31, nos. 2-3, Feb.-Mar. 1960.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 12, nos. 2-3, Feb.-Mar. 1960.

ḲAZAḲSTANNYŇ AŮYL SHARUASHYLYĠY [KAZAKHSTAN AGRICULTURE]. Alma-Ata, no. 6, June 1960. [In Kazakh.]

KHOČHAGII KISHLOKI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Stalinabad, vol. 14, no. 6, June 1960. [In Tajik.]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 7, no. 7(71), July 1960. [In Ukrainian.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 7, July 1960.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 40, nos. 7-8, July-Aug. 1960.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S S.R. Frunze, nos. 1-6, Jan.-June 1960 [In Kirghiz.]

LENINGRAD. SEVERNYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT GIDROTEKHNIKI I MELIORATSII. Trudy [NORTHERN SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING AND RECLAMATION. Transactions]. Nos. 14-15, 1958.

MEKHANIZATSIIA SIL'S'KOHO HOSPODARSTVA [MECHANIZATION OF AGRICULTURE]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S S.R.]. Kiev, vol. 11, nos. 2-3, Feb.-Mar. 1960. [In Ukrainian.]

MINSK. BELARUSKI NAUKOVA-DASLEDCHY INSTYTUT MELIIARATSYI I VODNAI HASPADARKI. Trudy [WHITE RUSSIAN SCIENTIFIC RESEARCH INSTITUTE OF LAND RECLAMATION AND WATER MANAGEMENT. Transactions]. Minsk, vol. 8, 1958.

MOLODOI KOLKHOZNIK [THE YOUNG COLLECTIVE FARMER]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 27, nos. 6-8, June-Aug. 1960.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. No. 6(31), 1959.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 7, nos. 7(79), 9(81)-12(84), July, Sep.-Dec. 1959. [In White Russian.]

SEL'SKOE KHOZIAISTVO, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE; Systematical Index of Articles in Foreign Periodicals]. Published by Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union State Library of Foreign Literature]. Moscow, nos. 1(59)-3(61), 1960.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki BSSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 8, no. 7(91), July 1960.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva, Ministerstvo sovkhozov, and Ministerstvo vodnogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture, Ministry of State Farms, and Ministry of Water Resources of the Kazakh S.S.R.]. Alma-Ata, vol. 7, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Organ of Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 6, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION]. Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 9, nos. 4(96)-7(99), Apr.-July 1960. [Supersedes "Moskovskii kolkhoznik."]

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 6, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 3, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, vol 2, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S.F.S.R.]. Omsk, vol. 5, no. 7, July 1960.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S R.]. Stalinabad, vol. 14, no. 7, July 1960.

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Organ of Ministerstvo sel'skogo khoziaistva Azerbaidzhanskoi SSR [Ministry of Agriculture of the Azerbaijan S.S.R.]. Baku, vol 9, nos. 6-7, June-July 1960.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 6-7, June-July 1960.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 2, Feb. 1960.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, vol. 5, no. 2, Feb. 1960.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ukrains'ka akademiia sil's'kohospodars'kykh nauk [Ukrainian Academy of Agricultural Sciences]. Kiev, vol. 3, no. 3, Mar. 1960. [In Ukrainian.]

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 5, no. 6, June 1960.

b. ANIMAL INDUSTRY

BALTIISKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII. Trudy [BALTIC SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions]. Kaliningrad, no. 4, 1958.

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 21, no. 7, July 1960.

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, nos. 7-8, July-Aug. 1960.

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Ministerstvo rybnoi promyshlennosti SSSR [Ministry of the Fishing Industry of the U.S.S.R.]. Moscow, vol. 36, no. 6, 1960.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 3, no. 4, July-Aug. 1960.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 32, nos. 2-3, 7, Feb.-Mar., July 1960. [In Ukrainian.]

c. FORESTRY

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Ministerstvo lesnoi promyshlennosti RSFSR [Ministry of Forest Industries of the R.S.F.S.R.]. Moscow, vol. 38, no. 2, Feb. 1960.

MASTER LESA [MASTER LUMBERMAN]. Issued by Ministerstvo lesnoi promyshlennosti RSFSR and TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Ministry of Forest Industries of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, no. 7, July 1960.

d. PLANT CULTURE

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT ZERNA I PRODUKTOV EGO PERERABOTKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GRAIN AND GRAIN PRODUCTS. Transactions]. No. 36, 1959.

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINEMAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Economic Council and the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol. 15, no. 2(86), Mar.-Apr. 1960
(DA)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 25, no. 4, July-Aug 1960.

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U.S.S.R.]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, no. 5(196), 1960.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S R. Bulletin. Series in the Technological Sciences]. Erivan, vol. 12, no. 6, 1959.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S S.R. Bulletin. Series in the Technical Sciences]. Tashkent, no. 1, 1960.

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, nos. 11-13, 1960.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 2-3, Feb.-Mar. 1960.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, nos. 2-3, Feb.-Mar. 1960.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Orgkomitet Vsesoiuznogo obshchestva izobretatelei i ratsionalizatorov [Organizational Committee of the All-Union Society of Inventors and Efficiency Promoters]. Moscow, nos. 3-4, Mar.-Apr. 1960.

LENINGRAD. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 187, 1956.

LVOV. POLITEKHNICHNYI INSTYTUT. Doklady [POLYTECHNIC INSTITUTE. Reports]. Vol. 3, no. 1/2, 1959.

MINSK. BELORUSSKII POLITEKHNICHESKII INSTITUT. Sbornik nauchnykh rabot [WHITE RUSSIAN POLYTECHNIC INSTITUTE. Collected Scientific Papers]. Nos. 71-72, 75-76, 1959.

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. nos. 2-3, 1960.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U.S.S.R.]. Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol. 2, nos. 3-4, Mar.-Apr. 1960.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW BOOKS ABROAD. Series B: Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 3, Mar. 1960.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U S. S R]. Moscow, vol. 17, nos. 2(177)-3(178), Feb. -Mar. 1960.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, nos 1-6, 1952, nos. 1-9, 1953; vol. 24, no. 3, Mar 1960

TASHKENT. SREDNEAZIATSKII POLITEKHNICHESKII INSTITUT. Trudy [CENTRAL ASIA POLYTECHNIC INSTITUTE. Transactions]. No. 3, 1957.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 28, no. 2, 1960.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 17, nos 2-3, Feb. - Mar. 1960.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 11, nos. 2-4, Feb. -Apr. 1960.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 117, 1959

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 41, 1959; no. 44, 1960.

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING; Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 6(66), 1960.

VOPROSY RASCHETA ELEMENTOV AVIATSIONNYKH KONSTRUKTSII [PROBLEMS IN DESIGNING ELEMENTS OF AERONAUTICAL UNITS]. Moscow, nos. 1-2, 1959.

c. CHEMICAL TECHNOLOGY

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR, Ministerstvo kommunal'nogo khoziaistva RSFSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U. S. S. R., the Ministry of Communal Economy of the R. S. F. S. R., and the Scientific and Technological Society of the Electric Power Industry]. Leningrad, vol. 5, nos. 2-3, Feb. -Mar., no. 6, June 1960.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U. S. S. R.]. Moscow, vol. 13, no. 2, 1960.

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Ministerstvo khimicheskoi promyshlennosti [Ministry of the Chemical Industry]. Moscow, vol. 19, nos. 2-3, 6, Feb. -Mar., June 1960.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, no. 8, Dec. 1959.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, no. 1, 1960.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.]. Moscow, no 2, Mar. -Apr. 1960.

KHIMIIA I TEKHNOLOGIIA POLIMEROV; sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS; Translations From Foreign Periodical Literature]. Moscow, vol. 4, no. 7/8, 1960.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR i Akademii nauk SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R. and of the Academy of Sciences of the U. S. S. R.]. Moscow vol. 5, nos. 2-4, Feb. -Apr. 1960.

*KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.]. Moscow, nos. 1, 3-4, 1960.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.]. Moscow, vol. 15, nos. 3-4, 7, Mar. -Apr., July 1960.

LENINGRAD. LENINGRADSKII TEKHNOLOGICHESKII INSTITUT KHOLODIL'NOI PROMYSHLENNOSTI. Trudy [LENINGRAD TECHNOLOGICAL INSTITUTE OF THE REFRIGERATION INDUSTRY. Transactions]. Vol. 13, 1957.

PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, nos. 1-3, 1960.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]. Moscow, no. 1(14), 1960.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 34, no. 3, Mar. 1960.

SPIRTOVAIA PROMYSHLENNOST' [DISTILLING INDUSTRY]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U. S. S. R.]. Moscow, vol. 26, nos. 1-2, 1960.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 17, nos. 2-3, 6, Feb. -Mar., June 1960.

USPEKHI NAUCHNOI FOTOGRAFII [PROGRESS IN SCIENTIFIC PHOTOGRAPHY]. Published by Komissiia po nauchnoi fotografii i kinematografii Otdeleniia khimicheskikh nauk Akademii nauk SSSR [Commission of Scientific Photography and Motion Pictures of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, 1959.

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 33, no. 3, Mar. 1960.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Izvestiia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Bulletin]. Moscow, nos. 2-4, 1959.

AKADEMIIA STROITEL' STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Concrete and Reinforced Concrete. Transactions]. Moscow, no. 11, 1959.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Foundations and Underground Construction (Transactions)]. Moscow, no. 38, 1959; no. 42, 1960.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Organ of Glavnoe upravlenie po stroitel'stvu avtomobil'nykh dorog pri Sovete Ministrov SSSR [Main Administration for Highway Construction, Attached to the Council of Ministers of the U. S. S. R]. Moscow, vol. 23, nos. 3-4, Mar. -Apr., no. 6, June 1960.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, nos. 2-3, Feb. - Mar. 1960.

BUDIVEL'NI MATERIALY I KONSTRUKTSII [BUILDING MATERIALS AND CONSTRUCTION ELEMENTS]. Issued by Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva and Akademiia budivnytstva i arkhitektury URSR [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Academy of Construction and Architecture of the Ukrainian S. S. R.]. Kiev, vol. 2, no. 1, Feb. 1960. [In Ukrainian.]

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U. S. S. R.]. Moscow, vol. 29, no. 3, Mar. 1960.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 34, no. 2, Feb. 1960.

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Sbornik [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Collected Papers]. Moscow, nos. 165-166, 1959.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROTEKHNIKI. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING. Bulletin]. Vols. 60-61, 1958, vol. 62, 1959.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 17, nos. 3-4, Mar. -Apr., no. 6, June 1960.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R. S. F. S. R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 22, no. 3, Mar. 1960.

MOSCOW. INSTITUT INZHENEROV VODNOGO KHOZIAISTVA. Nauchnye zapiski [INSTITUTE OF WATER RESOURCES ENGINEERS. Scientific Papers]. Vol. 20, 1958.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Glavnoe upravlenie pozharnoi okhrany MVD SSSR [Main Administration of Fire Protection of the Ministry of the Interior of the U. S. S. R.]. Moscow, vol. 6(60), no. 6, June 1960.

PROMYSHLENNAIA AERODINAMIKA [INDUSTRIAL AERODYNAMICS]. Issued by TSentral'nyi aerogidrodinamicheskii institut [Central Aerohydrodynamic Institute]. Moscow, no. 14, 1959.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U. S. S. R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 38, no. 3, 1960.

RATSIONALIZATORSKIE I IZOBRETATEL'SKIE PREDLOZHENIIA V STROITEL'STVE [PROPOSED EFFICIENCY MEASURES AND INVENTIONS IN CONSTRUCTION WORK]. Issued by TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture Akademii stroitel'stva i arkhitektury SSSR [Central Institute of Scientific Information on Building and Architecture of the Academy of Construction and Architecture of the U. S. S. R.]. Moscow, no. 13, 1959; no. 14, 1960.

[illegible]

[illegible]

[illegible] **AVTOMATIKA** [illegible] **MEKHANIKA** [illegible] **MECHANICS, AND COM**[illegible] Issued by the Ministerstvo [illegible] [Ministry of Railroad Transportation] [illegible] Moscow, [illegible]

[illegible] [AUTOMATION AND [illegible]] [illegible]

[illegible]

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi [illegible] [Ministry of Communications of the U.S.S.R.]. Moscow, vol. 20, no. 3, Mar. 1960.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Published by Izdatel'stvo [illegible] Moscow, vol. [illegible], no. [illegible], 1960.

[illegible] INDUSTRY & TRADE

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Ministerstvo [illegible] [Ministry of the Paper and Woodworking Industries of the U.S.S.R.]. Moscow, vol. [illegible], no. [illegible] Jan.–Mar. 1960.

[illegible] PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo [illegible] [Ministry of the Paper and Woodworking Industries of the U.S.S.R.]. Moscow, [illegible] Mar. 1960.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Ministerstvo [illegible] [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, [illegible] Mar. 1960.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN ELEVATOR]. Issued by Ministerstvo [illegible] [Ministry of [illegible] of the U.S.S.R.]. Moscow, [illegible]

[illegible] TORGOVLIA [illegible]. [illegible] Ministerstvo [illegible] [Ministry of [illegible] of the U.S.S.R.]. Moscow, [illegible] Mar. [illegible]

[illegible] [illegible]. Issued by [illegible] [illegible] Moscow, vol. [illegible], no. [illegible], Mar. [illegible]

[illegible]

[illegible] [illegible]. [illegible] Moscow, [illegible] 1960.

[illegible] [illegible]. Organ of [illegible] [State Scientific and Technical [illegible] of the Council of Ministers of the U.S.S.R. and the Metal Working Section of the Scientific and Technical Society of the Machine Building Industry]. Moscow, [illegible] 1960.

[illegible] PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of [illegible] [State Scientific and Technical [illegible] of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, no. 2, Feb. 1960.

[illegible] [FASHION MAGAZINE]. Published by [illegible] [Ministry of Light Industry of the U.S.S.R.]. Moscow, vol. [illegible], no. [illegible] Spring [illegible] 1960.

[illegible] MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]. Moscow, no. 3, May–June 1960.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering]. Moscow, no. [illegible] 1960.

AKADEMIIA NAUK SSSR. Komissiia po tekhnologii mashinostroeniia. Seminar po kachestvu poverkhnosti. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission on the Technology of Machine Construction. Seminar on the Quality of Surfaces. Transactions]. Moscow, no. 4, 1959.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, nos. 3-4, Mar.-Apr. 1960.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and Tsentral'nyi komitet Professional'nogo soiuza rabochikh sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 38, nos. 2-3, Feb.-Mar. 1960.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 4, nos. 2-4, Feb.-Apr. 1960.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 3, Mar. 1960.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific Technological Society of the Machinery Manufacturing Industry]. Moscow, nos. 3-4, Mar.-Apr. 1960.

MASHINOSTROITEL' BELORUSSII, sbornik nauchno-tekhnicheskoi informatsii [THE WHITE RUSSIAN MACHINE BUILDER; a Collection of Technical Information]. Issued by Belorusskoe respublikanskoe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [Board of the White Russian Republic Branch of the Scientific and Technical Society of the Machinery Manufacturing Industry]. Minsk, no. 6, 1959.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OIL AND FATS INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, nos. 3-4, 6, Mar.-Apr., June 1960.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 14, no. 3, Mar. 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 19, no. 2, 1960.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, nos. 3-4, Mar.-Apr. 1960.

PRISPOSOBLENIIA DLIA TEKHNICHESKOGO OBSLUZHIVANIIA I REMONTA AVTOMOBILEI [ACCESSORIES FOR TECHNICAL SERVICING AND REPAIR OF AUTOMOBILES]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, nos. 19-20, 1960.

PRYKLADNA MEKHANIKA [APPLIED MECHANICS]. Issued by Instytut budivel'noi mekhaniky Akademii nauk URSR [Institute of Structural Mechanics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 1, 1960. [In Ukrainian with summaries in Russian and English.]

REFERATIVNYI ZHURNAL. MASHINOSTROENIE [JOURNAL OF ABSTRACTS. MACHINE BUILDING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8-9, 15, 19-20, 1959; nos. 4-6, 1959; nos. 13-14, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Machine Building]. Moscow, no. 7, 1959.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 31, nos. 3-4, Mar.-Apr. 1960.

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 5, no. 3, Mar. 1960.

TULA. MEKHANICHESKII INSTITUT. Trudy [TULA INSTITUTE OF MECHANICS. Transactions], no. 12, 1959.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 40, nos. 3-4, Mar.-Apr. 1960.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 18, nos. 2-3, Feb.-Mar. 1960.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 42, nos. 3-4, Mar.-Apr. 1960.

6. MINING & METALLURGY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technical Sciences. Metallurgy and Fuel]. Moscow, no. 3, May-June 1960.

AKADEMIIA NAUK SSSR. Institut [illegible]. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mineral [illegible]. Transactions]. Moscow, vol. 11, 1959.

AKADEMIIA NAUK SSSR. Institut metallurgii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Metallurgy. Transactions]. Moscow, [illegible] 1960.

*FIZIKA METALLOV I METALLOVEDENIE [PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 8, no. 6, 1959; vol. 9, no. 3, Mar. 1960.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII I PROEKTNYI INSTITUT MEKHANICHESKOI OBRABOTKI POLEZNYKH ISKOPAEMYKH. Trudy [SCIENTIFIC RESEARCH AND DESIGN INSTITUTE FOR THE MECHANICAL PROCESSING OF MINERALS. Transactions], no. 92, 1959.

MASTER UGLIA [MASTER OF COAL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and Tsentral'nyi komitet Professional'nogo soiuza rabochikh ugol'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 9, nos. 2-3, Feb.-Mar. 1960.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers in the Metallurgical Industry]. Moscow, vol. 5, no. 3, Mar. 1960.

METALLURGICHESKOE PROIZVODSTVO [METALLURGICAL PRODUCTION]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia [Central Scientific Research Institute of Technology and Machinery Manufacture]. Moscow, no. [illegible], 1959.

METALLURGIIA I METALLOVEDENIE [METALLURGY AND PHYSICAL METALLURGY]. Issued by Tsentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia [Central Scientific Research Institute of Technology and Machinery Manufacture]. Moscow, no. 2, 1959.

MOSCOW. [illegible] [INSTITUTE OF [illegible] INDUSTRY. Tra

MOSCOW. [illegible] METALLURGII. [illegible] [CENTRAL [illegible] FERROUS METALL [illegible]. No. 22, 19
[MICROFILM]

MOSCOW. [illegible] [illegible] [ALL-UNION SCIENTIFIC RESEARCH [illegible] METALLOGRAPHY AND [illegible]. Moscow, 1959, no. 10.

MOSCOW. [illegible] [illegible] MACHINE BUILDING [illegible] WORK [illegible] Machining [illegible]

*NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet [illegible] [State Scientific and Technical Committee of the Council of Minis[illegible] and the Central Committee of the Trade Union of Workers of the Petroleum and [illegible]. Moscow, [illegible] 5, May 1960

[illegible] Issued by [illegible] and Research [illegible] and Prospecting]. [illegible]

[illegible] Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov [illegible] [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, [illegible]

[illegible] Research In[illegible] Metals] Moscow, [illegible]

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. [illegible] Mineral Resour[illegible]. Moscow, [illegible] 27, no. 12, Dec. [illegible]

REFERATIVNYI ZHURNAL. GORNOE DELO [JOURNAL OF ABSTRACTS. MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, [illegible] July 1959.

*REFERATIVNYI ZHURNAL. METALLURGIIA [JOURNAL OF ABSTRACTS. METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, [illegible] June 1959 to Mar. [illegible]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]. Moscow, no. 2, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Mining Journal]. [illegible] no. 1, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]. [illegible] no. 1, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, vol. 2, nos. 10-11, Oct
1959.

STAL' [STEEL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, no. 3, Mar. 1960.

TITAN I EGO SPLAVY [TITANIUM AND ITS ALLOYS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, 1959.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 37, nos. 1-2, 1960.

UGOL' [COAL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 35, no. 3, Mar. 1960.

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov USSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the Ukraine S.S.R.]. Kiev, vol. 4, nos. 2-3, Feb.-Mar. 1960.

ZAVODSKAIA LABORATORIIA [FACTORY LABORATORY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 3, 1960.

17 MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, [illegible] Aug. 1960.

NASHI VESTI [OUR NEWS]. [illegible] the Russian [illegible] New York, [illegible] July 1960.

NASHEMU [illegible]. Issued by [illegible] Paris, [illegible] May-June 1960.

[illegible] 1959 [illegible] 1960.

[illegible]

[illegible]

b. NAVAL SCIENCE

[illegible]

[illegible]

[illegible]

PART C

List of Periodicals and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Apt. delo (14f)	Aptechnoe delo [Pharmacy]
Arkhit. i stroi. Mosk. (10b)	Arkhitektura i stroitel'stvo Moskvy [Architecture and Construction in Moscow]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Astron. tsir. (13b)	Astronomicheskii tsirkuliar [Astronomical Circular]
Astron. zhur (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom. energ (16e)	Atomnaia energiia [Atomic Energy]
Atomnaia tekhnika za rubezhom (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom., telem. i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Telemechanics, and Communications]
Azerb. khim. zhur. (13d)	† Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]
Azerb. med. zhur. (14a)	Azerbaichan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]. Parallel text in Azerbaijani and Russian.
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet. i zhel.-bet (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop. truda v prom. (5d)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]
Bibliotekovedenie i bibliografiia (2b)	Bibliotekovedenie i bibliografiia, ukazatel' literatury [Library Science and Bibliography; an Index to the Literature]
Biofizika (13c)	Biofizika [Biophysics]
Biokhimiia (13c)	Biokhimiia [Biochemistry]
Biul. Inst. teor. astron. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]
Biul. MOIP. Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul. nauch. inform.: trud i zar. plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul. SNO LGU (1a)	† Leningrad. Universitet. Studencheskoe nauchnoe obshchestvo. Biulleten' [University. Student Scholarly Society. Bulletin]
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
Biul. tekh.-ekon. inform. (16a)	Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. VAGO (13b)	Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society. Bulletin]
Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biulleten' izobretenii (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biulleten' po obmenu zhiloi ploshchadi (5b)	Biulleten' po obmenu zhiloi ploshchadi [Bulletin for Exchange of Living Quarters]
Blok. agit. [Zakarp.] (6)	† Bloknot agitatora [The Agitator's Notebook]. For the Transcarpathian Province.
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Bud. mat. i konstr. (16d)	† Budivel'ni materialy i konstruktsii [Building Materials and Construction Elements]. In Ukrainian.
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Chto chitat' (2a)	Chto chitat' [What to Read]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Der. prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl. AN Arm. SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports
Dokl. AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl. AN Uz. SSR (13a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Doklady [Academy of Sciences of the Uzbek S.S.R. Reports]
Dokl. LPI (16a)	† Lvov. Politekhnichnyi instytut. Doklady [Polytechnic Institute. Reports]
Dop. AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Doshk. vykh. (8a)	Doshkil'ne vykhovannia [Preschool Education]. In Ukrainian.
Ekon. Rad. Ukr. (6b)	Ekonomika Radians'koi Ukrainy [Economics of Soviet Ukraine]. In Ukrainian.
Ekon. sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. i tepl. tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; supplement to the periodical "Electric Power Stations"]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Ent. oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Ezhegodnik knigi SSSR (2a)	Ezhegodnik knigi SSSR; sistematicheskii ukazatel' [Annual of Soviet Books; Systematic Index]
Fel'd. i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz. met. i metallo-ved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Gaz. prom. (16c)	Gazovaia promyshlennost' [Gas Industry]
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geog. v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geokhimiia (12c)	Geokhimiia [Geochemistry]

.l met. (15a)	[illegible]
.strol. (16d)	[illegible]
[illegible] (16c)	[illegible]
[illegible] (14g)	[illegible]
[illegible] (16d)	[illegible]
[illegible] (16b)	[illegible]
[illegible] (14b)	[illegible]
[illegible]	[illegible]
[illegible] (1b)	[illegible]
[illegible] (3a)	[illegible]
[illegible] (3a)	[illegible]
[illegible] (3a)	[illegible]
[illegible] (3a)	[illegible]
[illegible] (11a)	[illegible]
[illegible] (11b)	[illegible]
[illegible] (16g)	[illegible]
[illegible] (9a)	[illegible]
[illegible] (13b)	[illegible]
[illegible] (13r)	[illegible]
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N Arm. SSR, [illegible] (13r)	[illegible]
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Izv. vys. ucheb. zav.; khim. i khim. tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
Izv. vys. ucheb. zav.; neft' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Petroleum and Gas]
Izv. vys. ucheb. zav.; pishch. tekh. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv. vys. ucheb. zav.; radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv. vys. ucheb. zav.; stroi. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher Education. Bulletin of the Institutions of Higher Learning, Construction and Architecture]
Izv. vys. ucheb. zav.; tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kartograficheskaia *letopis'* (12b)	Kartograficheskaia letopis' [Cartographic Chronicle]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Kaz. med. zhur. (14a)	Kazanskii meditsinskii zhurnal [Kazan Medical Journal]
Khim. i *med.* (14f)	Khimiia i meditsina [Chemistry and Medicine]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [*Chemistry and* Technology of Fuel and Oil]
Khim. mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machine Building]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khimiia i tekhnologiia polimerov (16c)	Khimiia i tekhnologiia polimerov; sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers; Translations From Foreign Periodical Literature]
Khirurgiia (14h)	Khirurgiia [Surgery]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Klub (5e)	Klub [The Club]
Knizhnaia letopis' (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Kommunist (6)	Kommunist [Communist]
Kons. i ov. prom. (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the *Motherland*]
Kul't. i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Kul't. pros. rab. (6a)	Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]
Les. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
Letopis' retsenzii (2a)	Letopis' retsenzii [Chronicle of Reviews]
Letopis' zhurnal'nykh statei (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Literatura i iskusstvo narodov SSSR i zarubezhnykh stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran; bibliograficheskii biulleten' [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries; Bibliographical Bulletin]
Literatura po pedagogicheskim naukam (8a)	Literatura po pedagogicheskim naukam [Literature on the Pedagogical Sciences]
Litopys knyh (2a)	Litopys knyh [Book Chronicle]. In Ukrainian.
Mash. Bel. (16g)	Mashinostroitel' Belorussii; sbornik nauchno-tekhnicheskoi informatsii [The White Russian Machine Builder; a Collection of Technical Information]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mast. ugl. (16h)	Master uglia [Master of Coal]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. i soob. Issl. otd. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports *of the* Research Department]
Mat. po obm. nauch. inform. (14a)	† Materialy po obmenu nauchnoi informatsiei [Materials for Exchange of Scientific Information]
Mat. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Matematika (13e)	*Matematika; periodicheskii sbornik* perevodov inostrannykh statei [Mathematics; Translations of Foreign Articles]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med. zhur. Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Meditsinskii referativnyi zhurnal (14a)	Meditsinskii referativnyi zhurnal [*Medical Abstracts*]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. sil'. hosp. (15a)	Mekhanizatsiia sil's'koho hospodarstva [Mechanization *of Agriculture*]. In Ukrainian.
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Met. i metalloved. *chist. met.* (16h)	† Metallurgiia i metallovedenie chistykh metallov [Process *Metallurgy* and Physical Metallurgy of Pure Metals]
Met. proizv. (16h)	† Metallurgicheskoe proizvodstvo [Metallurgical Production]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor. i gidrol. (13i)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Meteoritika (13b)	Meteoritika [Meteoritics]
Mezhdunar. geofiz. god (13f)	Mezhdunarodnyi geofizicheskii god; informatsionnyi biulleten' [The International Geophysical Year; Information Bulletin]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Migr. zhiv. (13c)	† Migratsii zhivotnykh [Migration of Animals]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Mol. mira (6)	Molodezh' mira [World Youth]
Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Moskva (11b)	Moskva [Moscow]
Muk.-elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
Mystetstvo (10a)	Mystetstvo [Art]. In Ukrainian.
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nar. tvor. ta etn. (12a)	Narodna tvorchist' ta etnografiia [Folk Art and Ethnography]. In Ukrainian.
Nauch. dokl. vys. shkoly; ekon. (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Nauch. dokl. vys. shkoly; filos. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch. dokl. vys. shkoly; fiz.-mat. *nauki* (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego obrazovaniia. Nauchnye doklady vysshei shkoly; fiziko-matematicheskie nauki [Ministry of Higher Education. Research Papers of Higher Schools; Physical and Mathematical Sciences]

Nauch.dokl.vys.shkoly;ist.nauki (4a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; istoricheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Historical Sciences]
Nauch.trudy MGEI (5b)	Moscow. Gosudarstvennyi ekonomicheskii institut. Nauchnye trudy [State Institute of Economics. Studies]
Nauch.zap.MIIVKH (16d)	† Moscow. Institut inzhenerov vodnogo khoziaistva. Nauchnye zapiski [Institute of Water Resources Engineers. Scientific Papers]
Nauka i rel. (3b)	Nauka i religiia [Science and Religion]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov.inostr.ekon.lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov.inostr.lit.po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov.inostr.lit.po ist.,arkheol.i etn. (4a)	† Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Nov.knigi za rub. Ser.A (13a)	Novye knigi za rubezhom. Seriia A Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Books Abroad Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov.knigi za rub. Ser.B (16a)	. Novye knigi za rubezhom. Seriia B: Tekhnika [New Books Abroad. Series B: Technology]
Nov.knigi za rub. Ser.V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Books Abroad. Series V: Biology, Medicine, Agriculture]
Nov.lit.o nauke i nauch.-issl.rab. za rub. (2a)	† Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov.lit.po evrop.stran.nar.dem.: Veng. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Vengriia [New Literature on European People's Democracies: Hungary]
Nov.lit.po evrop.stran.nar.dem.i slav.: Bolg. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]
Nov.lit.po evrop.stran.nar.dem.i slav.: Chekh. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies: Czechoslovakia]
Nov.lit.po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov.sov.ekon.lit. (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov.sov.i inostr.lit.po stran.zarub.Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov.sov.lit.po filos. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov.sov.lit.po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov.sov.lit.po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov.vrem. (6)	Novoe vremia [New Times]
Novi knyhy URSR (2a)	Novi knyhy URSR [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Novye knigi (2a)	Novye knigi [New Books]
Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia [New Books Abroad on Social Sciences; Economics, Philosophy, History]
Novye tovary (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Obog.i brik.ugl. (16h)	Obogashchenie i briketirovanie uglei [Coal Preparation and Briquetting]
Obshchestv.pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Och.po ist.rus.vostokoved. (4a)	† Ocherki po istorii russkogo vostokovedeniia [From the History of Oriental Studies in Russia]
Oft.zhur. (14d)	Oftalmologicheskii zhurnal [Ophthalmological Journal]
Ogneupory (16h)	Ogneupory [Refractories]
Ogonek (1b)	Ogonek [The Little Light]
Okhr.prir.i zapov.delo v SSSR (13a)	Okhrana prirody i zapovednoe delo v SSSR. Biulleten' [Protection of Nature and the Work of the Preserves in the U.S.S.R. Bulletin]
Okhr.truda i sots.strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Otv.na vop.trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Pam.kul't. (4b)	Moscow. Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury [State Historical Museum. Landmarks of Culture]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
Plan.khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Plast.massy (16c)	† Plasticheskie massy [Plastics]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Pozh.delo (16d)	Pozharnoe delo [Fire Fighting]
Prep.ist.v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Prib.i tekh.eksp. (13f)	Pribory i tekhnika eksperimenta [Instruments and Experimental Techniques]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl.geofiz. (16h)	Prikladnaia geofizika [Applied Geophysics]
Prikl.mat.i mekh. (13e)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]
Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei (16g)	Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]
Probl.Arkt. (12b)	Problemy Arktiki [Problems of the Arctic]
Probl.Arkt.i Antarkt. (12b)	† Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]
Probl.Sov.gradostroi. (10b)	Problemy Sovetskogo gradostroitel'stva [Problems of Soviet City Planning]
Probl.stom. (14h)	Problemy stomatologii; sbornik nauchnykh rabot Kievskogo i Khar'kovskogo meditsinskikh stomatologicheskikh instituto [Problems of Stomatology; Collection of Scientific Papers from the Kiev and Kharkov Medical Stomatological Institutes]
Probl.sud.psikh. (14c)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut sudebnoi psikhiatrii. Problemy sudebnoi psikhiatrii [Central Scientific Research Institute of Forensic Psychiatry. Problems of Forensic Psychiatry]
Probl.tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Prof.-tekh.obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom.aerodin. (16d)	Promyshlennaia aerodinamika [Industrial Aerodynamics]
Prom.energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom.koop. (16f)	Promyslovaia kooperatsiia [Producers' Cooperation]
Prom.stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Prykl.mekh. (10g)	Prykladna mekhanika [Applied Mechanics]. In Ukrainian.
Rab.i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian.
Rad.lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]. In Ukrainian.
Rad.shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radio (16e)	Radio [Radio]
Radiotekh.i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Raspr.pech. (2c)	Rasprostranenie pechati [Distribution of Publications]
Rats.i izobr.predl.v stroi. (16d)	Ratsionalizatorskie i izobretatel'skie predlozheniia v stroitel'stve [Proposed Efficiency Measures and Inventions in Construction Works]
Razved.i okh.nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Reakts.org.soed. (13d)	Reaktsii i metody issledovaniia organicheskikh soedinenii [Reactions and Methods of Investigating Organic Compounds]
Referativnyi zhurnal: Astronomiia i geodeziia (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Referativnyi zhurnal: Biologiia (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Referativnyi zhurnal: Elektrotekhnika (16e)	Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts· Electrical Engineering]
Referativnyi zhurnal: Fizika (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Referativnyi zhurnal: Geofizika (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Referativnyi zhurnal: Geografiia (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Referativnyi zhurnal: Geologiia (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Referativnyi zhurnal: Khimiia (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]

Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts Chemistry; Biological Chemistry]
Referativnyi zhurnal: Mashinostroenie (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building]
Referativnyi zhurnal: Matematika (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Referativnyi zhurnal: Mekhanika (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ref. zhur.: Met. (16h)	Referativnyi zhurnal. Metallurgiia [Journal of Abstracts: Metallurgy]
Referativnyi zhurnal: Stroitel'stvo i arkhitektura (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Rus. iaz. v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Sakh. prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor. LIIZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik [Institute of Railroad Transportation Engineers. Collected Papers]
Sbor. Muz. ant. i etn. (12a)	Akademiia nauk SSSR. Muzei antropologii i etnografii. Sbornik [Academy of Sciences of the U.S.S.R. Museum of Anthropology and Ethnography. Annals]
Sbor. nauch. rab. INKH (5b)	Moscow. Institut narodnogo khoziaistva. Sbornik nauchnykh rabot [Institute of the National Economy. Collected Papers]
Sbor. nauch. trud. Bel. politekh. inst. (16a)	Minsk. Belorusskii politekhnicheskii institut. Sbornik nauchnykh trudov [White Russian Polytechnic Institute. Collected Scientific Papers]
Sbor. trud. TSNIICHM (16h)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Institut stali. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Steel Institute. Collected Papers]
Sbornik instruktivnykh ukazanii Gosudarstvennogo arbitrazha (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]
Sel'skoe khoziaistvo (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Systematical Index of Articles in Foreign Periodicals]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shkola i proizv. (8a)	†Shkola i proizvodstvo [School and Production]
Shvein. prom. (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sil'. bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian.
Silikaty (13d)	Silikaty [Silicates]
Smena (5e)	Smena [The Younger Generation]
Soob. AN Gruz. SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Soob. Gos. Erm. (10a)	Leningrad. Ermitazh. Soobshcheniia [Hermitage. Reports]
Soob. Inst. ist. isk. (10a)	Akademiia nauk SSSR. Institut istorii iskusstv. Soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the History of Fine Arts. Reports]
Soob. Prim. otd. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva. Primorskoe otdelenie. Soobshcheniia o nauchno-issledovatel'skikh rabotakh chlenov [D.I. Mendeleev All-Union Chemical Society. Maritime Branch. Reports on the Scientific Research Work of Members]
Sots. kul't. (1b)	Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian.
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. kras. krest (5e)	Sovetskii krasnyi krest [Soviet Red Cross]
Sov. krim. na sluzh. sled. (7)	Sovetskaia kriminalistika na sluzhbe sledstviia [Soviet Criminology in the Service of Investigation]
Sov. mor. (17b)	Sovetskii moriak [Soviet Sailor]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov. potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. Soiuz (1b)	Sovetskii Soiuz [Soviet Union]
Sov. torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sovr. Vost. (1b)	Sovremennyi Vostok [The East Today]
Spirt. prom. (16c)	Spirtovaia promyshlennost' [Distilling Industry]
Spravochnye materialy po gazoplamennoi obrabotke metallov (16h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. Spravochnye materialy po gazoplamennoi obrabotke metallov [All-Union Scientific Research Institute of Autogenous Working of Metals. A Guide to Flame Machining of Metals]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (16h)	Stal' [Steel]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroitel' (16d)	Stroitel' [The Builder]
Stroi mekh. i rasch. soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroitel'stvo i arkhitektura; bibliograficheskii ukazatel' tekushchei otechestvennoi literatury (16d)	Stroitel'stvo i arkhitektura; bibliograficheskii ukazatel' tekushchei otechestvennoi literatury [Construction and Architecture; Bibliography of Current Soviet Literature]
Stroitel'stvo i arkhitektura za rubezhom (10b)	Stroitel'stvo i arkhitektura za rubezhom [Construction and Architecture Abroad]
Sud.-med. ekspert. (14a)	Sudebno-meditsinskaia ekspertiza [Medicolegal Examination]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svodnyi biulleten' novykh inostrannykh knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Tekst. prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor. i prak. fiz. kul'. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Titan i ego splavy (16h)	†Titan i ego splavy [Titanium and Its Alloys]
Torf. prom. (16b)	Torfianaia promyshlennost' [Peat Industry]
Torgovlia za rubezhom (5a)	Torgovlia za rubezhom [Trade Abroad]
Transp. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy AN Tadzh. SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy [Academy of Sciences of the Tajik S.S.R. Transactions]
Trudy Alma-At. bot. sada (13c)	Alma-Ata. Botanicheskii sad. Trudy [Botanical Garden. Transactions]
Trudy BaltNIRO (15b)	†Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [Baltic Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
Trudy Belar. nav.-dasl. inst. mel. i vod. hasp. (15a)	Minsk. Belaruski naukova-dasledchy instytut meliiaratsyi i vodnai haspadarki. Trudy [White Russian Scientific Research Institute of Land Reclamation and Water Management. Transactions]
Trudy Bot. inst. Ser. 5 (13c)	Akademiia nauk SSSR. Botanicheskii institut. Trudy. Seriia 5. Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R. Botanical Institute. Transactions. Series 5. Plant Resources]
Trudy Dal'nevost. NIGMI (13f)	Dal'nevostochnyi nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Far Eastern Hydrometeorological Scientific Research Institute. Transactions]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographical Institute. Transactions]
Trudy IAFAN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions. Geological Series]

Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IGI (16h)	Akademiia nauk SSSR. Institut goriuchikh iskopaemykh Trudy [Academy of Sciences of the U.S S.R Institute of Mineral Fuels. Transactions]
Trudy Inst. biol. IAFAN SSSR (13c)	Akademiia nauk SSSR IAkutskii filial, Yakutsk. Institut biologii Trudy [Academy of Sciences of the U.S.S.R Yakut Branch. Institute of Biology Transactions]
Trudy Inst. energ. AN BSSR (16e)	Akademiia navuk BSSR, Minsk. Instytut energetyki. Trudy [Academy of Sciences of the White Russian S S.R. Power Institute. Transactions]
Trudy Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst. fiz. i geofiz. AN Turk. SSR (13f)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut fiziki i geofiziki. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Physics and Geophysics. Transactions]
Trudy Inst. fiz. Zem. (13f)	Akademiia nauk SSSR Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth. Transactions]
Trudy Inst. geofiz. UFAN SSSR (13f)	† Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut geofiziki Trudy [Academy of Sciences of the U S.S.R. Ural Branch. Institute of Geophysics. Transactions]
Trudy Inst. ist. est. i tekh. (13a)	Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst. khim. nauk AN Kazakh. SSR (13d)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Chemical Sciences. Transactions]
Trudy Inst. khim. UFAN SSSR (13d)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut khimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Chemistry. Transactions]
Trudy Inst met. (16h)	Akademiia nauk SSSR Institut metallurgii. Trudy [Academy of Sciences of the U S.S.R. Institute of Metallurgy. Transactions]
Trudy Inst. morf. zhiv. (13c)	Akademiia nauk SSSR Institut morfologii zhivotnykh Trudy [Academy of Sciences of the U.S.S.R. Institute of Animal Morphology Transactions]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R Institute of Oceanography. Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy KazNIGMI (13f)	Alma-Ata. Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute. Transactions]
Trudy LPI (16a)	Leningrad. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy LTIKhP (16c)	Leningrad. Leningradskii tekhnologicheskii institut kholodil'noi promyshlennosti. Trudy [Leningrad Technological Institute of the Refrigeration Industry. Transactions]
Trudy Len. gos. nauch.-issl. inst. travm. i ortop. (14h)	† Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. Trudy [State Scientific Research Institute of Traumatology and Orthopedics. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MINKhIGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Trudy Mat. Inst. AN Gruz. SSR (13e)	Akademiia nauk Gruzinskoi SSR, Tiflis. Matematicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]
Trudy Mekhanobr (16h)	Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy [Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchnoe-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transaactions]
Trudy]NIIOSP (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. [Trudy] [Academy of Construction and Architecture of the U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)]
Trudy NIIZhB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo, Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]
Trudy NTO sud. prom. (17b)	Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti. Trudy [Scientific Technological Society of the Shipbuilding Industry. Transactions]
Trudy Okean. kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy Otd. ekon. issl. UFAN SSSR (5b)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Otdel ekonomicheskikh issledovanii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Department of Economic Research. Transactions]
Trudy RISI (16d)	Rostov-on-Don. Inzhenerno-stroitel'nyi institut. Trudy [Civil Engineering Institute. Transactions]
Trudy SANIIRI (16d)	† Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut irrigatsii. Trudy [Central Asia Scientific Research Institute of Irrigation. Transactions]
Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Trudy Sem po kach. poverkh. (16g)	Akademiia nauk SSSR Komissiia po tekhnologii mashinostroeniia. Seminar po kachestvu poverkhnosti Trudy [Academy of Sciences of the U S.S.R. Commission on the Technology of Machine Construction. Seminar on the Quality of Surfaces Transactions]
Trudy SevNIIGiM (15a)	Leningrad Severnyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii. Trudy [Northern Scientific Research Institute of Hydraulic Engineering and Reclamation. Transactions]
Trudy Sred.-Az. nauch.-issl. gidrometeor. inst (13f)	Sredneaziatskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Central Asia Hydrometeorological Research Institute. Transactions]
Trudy Sred.-Az. politekh. inst. (16a)	† Tashkent. Sredneaziatskii politekhnicheskii institut. Trudy [Central Asia Polytechnic Institute. Transactions]
Trudy TGU (1a)	Tomsk. Universitet. Trudy [University. Transactions]
Trudy TMI (16g)	Tula. Mekhanicheskii institut. Trudy [Institute of Mechanics. Transactions]
Trudy TSIP (13f)	Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]
Trudy TSNIIGAIK (13b)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy TSNIIRF (17b)	Leningrad TSentral'nyi nauchno-issledovatel'skii institut rechnogo flota. Trudy [Central Scientific Research Institute of the River Fleet Transactions]
Trudy Tbil. NIGMI (13f)	Tiflis. Nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy [Hydrometeorological Scientific Research Institute Transactions]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy UzGU (1a)	Samarkand. Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
Trudy VNIGNI (16h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi neftianoi institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologo-razvedochnyi institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIZ (15d)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]
Trudy Vses. ent. ob-va (13c)	Vsesoiuznoe entomologicheskoe obshchestvo. Trudy [All-Union Entomological Society. Transactions]
TSement (16d)	TSement [Cement]
Uch. zap. AGU. Biol. ser. (13c)	† Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Biologicheskaia seriia [Azerbaijan State University. Studies. Biological Series]
Uch. zap. AGU. Fiz.-mat. i khim. ser. (13a)	† Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Fiziko-matematicheskaia i khimicheskaia seriia [Azerbaijan State University. Studies. Physicomathematical and Chemical Series]
Uch. zap. GGPI (1a)	Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. Inst. vost. (4a)	Akademiia nauk SSSR. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institut of Oriental Studies. Studies]
Uch. zap. kaf. obshchestv. nauk vuz. g. Len. (1a)	Uchenye zapiski kafedr obshchestvennykh nauk vuzov g. Leningrada [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education]
Uch. zap. Kish. un. (1a)	Kishinev. Universitet. Uchenye zapiski [University. Scientific Records]
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Scientific Records]
Uch. zap. MGPIIIA (11a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. Uchenye zapiski [Mosco State Pedagogical Institute of Foreign Languages. Studies]
Uch. zap. Mosk. un. (1a)	Moscow. Universitet. Uchenye zapiski [University. Scientific Records]

Uch.zap.Ped.inst. Gerts. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Scientific Records]
Uch.zap.2-go MGMI (14a)	Moscow. Vtoroi moskovskii gosudarstvennyi meditsinskii institut. Uchenye zapiski [Second Moscow State Medical Institute. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr.biokhim.zhur. (13c)	Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]. In Ukrainian and Russian.
Ukr.bot.zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.
Ukrains'kyi zbirnyk (4a)	Ukrains'kyi zbirnyk [Ukrainian Review]. In Ukrainian
Usl.zhiz.i zdorov. (14a)	Usloviia zhizni i zdorov'e [Living Conditions and Health]
Usp.fiz.nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Usp.khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp.mat.nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Usp.nauch.fot. (16c)	Uspekhi nauchnoi fotografii [Progress in Scientific Photography]
Uzb.biol.zhur. (13c)	Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
Uzb.geol.zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Ŭzbekiston (1b)	Ŭzbekiston [Uzbekistan]. Parallel texts in Uzbek and Russian.
V zashch.mira (6)	V zashchitu mira [In Defense of Peace]
Vedomosti Verkhovnogo Soveta RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vedomosti Verkhovnogo Soveta SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Issued in the languages of all Union republics.
Vest.AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest.AN Kazakh.SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest.drev.ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
Vest.elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest.Inst.po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Vestnik [Institute for the Study of the U.S.S.R. Review]
Vest.ist.mir.kul't. (4a)	Vestnik istorii mirovoi kul'tury [Review of the History of World Culture]
Vest.LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest.mash. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest.Mosk.un. Ser.biol.,pochv., geol.,geog. (1a)	Moscow. Universitet. Vestnik. Seriia biologii, pochvovedeniia, geologii, geografii [University. Review. Series in Biology, Soil Science, Geology, Geography]
Vest.Mosk.un. Ser.2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriia 2: Khimiia [University. Review. Series 2: Chemistry]
Vest.Mosk.un. Ser.6: Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seriia 6: Biologiia [University. Review. Series 6: Biology, Soil Science]
Vest.Mosk.un. Ser.8: Ekon., filos. (5b)	Moscow. Universitet. Vestnik. Seriia 8: Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest.Mosk.un. Ser.9: Ist.nauki (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoricheskie nauki [University. Review. Series 9: Historical Sciences]
Vest.rent.i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
Vest.sel'khoz.nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest.stat. (5b)	Vestnik statistiki [Statistical Review]
Vest.sviazi (16e)	Vestnik sviazi [Communications Review]
Vest.TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest.vys.shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Vestsi AN BSSR. Ser.biial nav. (13c)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]. In White Russian.
Vestsi AN BSSR Ser.fiz.-tekh. nav. (13f)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia fizika-tekhnichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Physical and Technological Sciences]. In White Russian.
Vestsi AN BSSR. Ser.hram.nav. (1a)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R Bulletin. Series in the Social Sciences]. In White Russian
Visnyk ABiA URSR (10b)	Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]. In Ukrainian.
Visnyk AN URSR (1a)	Akademiia nauk URSR, Kiev. Visnyk [Academy of Sciences of the Ukrainian S.S.R Journal]. In Ukrainian.
Visnyk sil'.hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]. In Ukrainian.
Vnesh.torg (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod.i san.tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen.vest. (17a)	Voennyi vestnik [Military Review]
Voen.znan. (17a)	Voennye znaniia [Military Knowledge]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop.antr. (12a)	Voprosy antropologii [Problems of Anthropology]
Vop.ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop.filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop iaz. (11a)	Voprosy iazykoznaniia [Problems of Linguistics]
Vop.ist. (4a)	Voprosy istorii [Problems of History]
Vop.psikhol. (3a)	Voprosy psikhologii [Problems of Psychology]
Vop.rasch.elem. aviats.konstr. (16b)	Voprosy rascheta elementov aviatsionnykh konstruktsii [Problems in Designing Elements of Aeronautical Units]
Voprosy raketnoi tekhniki (16b)	Voprosy raketnoi tekhniki; sborniki perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vrach.delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem.prof.dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vsem.stud.nov. (8a)	Vsemirnye studencheskie novosti [World Student News]
Vysokom.soed. (13d)	Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
Za rul. (16g)	Za rulem [At the Wheel]
Zap.Bur.-Mong. NIIK (4a)	Ulan-Ude. Buriat-Mongol'skii gosudarstvennyi nauchno-issledovatel'skii institut kul'tury Zapiski [Buryat-Mongolian State Scientific Research Institute of Culture. Records]
Zarubezhnaia radioelektronika (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav.lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav.Belor. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zhel.-dor.transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhen.mira (5e)	Zhenshchiny mira [Women of the Whole World]
Zhil.-kom.khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhil.stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur.mikrobiol., epid.i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur.neorg.khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur.nevr.i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur.ob.biol. (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur.ob.khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur.prikl.khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhurnal mod (16f)	Zhurnal mod [Fashion Magazine]
Znan.sila (13a)	Znanie - sila [Knowledge is Power]
Znan.ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]. In Ukrainian.
Zool.zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]
Zvezda (11b)	Zvezda [The Star]

SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

ACTH
Capillaroscopic picture of the skin in patients with rheumatic fever and infectious nonspecific polyarthritis and its change following treatment with adrenocorticotropic hormone and cortisone G. V. IAnovskii Mat po obm nauch. inform. no 2:181-187 '58.
Cholinesterase activity of blood serum in nonspecific infectious and acute rheumatic polyarthritis during treatment with cortisone and adrenocorticotropic hormone. I. G. Torkonogii, B. L. Moreinis Mat po obm. nauch inform no 2:147-154 '58

ABAKAN REGION—IRON ORES
People hasten the time. S. Smolianitskii. Kul't. i zhizn' 4 no. 2:18-24 '60.

ABBREVIATIONS
Russian-English glossary of abbreviations occuring in physics literature. New York, Interlanguage Dictionaries, 1960. 64 p.
CoBBS

ABDOMEN
Estimation of the rigidity of the abdominal wall in palpation. A. V. Meleshevich Zdrav Belor 6 no. 2 53-55 F '60.
Peritoneal manifestations in diabetes mellitus patients Sh. A. Feldman Zdrav Belor 6 no. 2 67-68 F '60
Research on the strength of abdominal muscles. A. N. [illegible] Teor. i prak. fiz. kul't. 23 no. 2·149-150 '60.

ABDOMEN—HYDATIDS
Two cases of primary echinococcus of the abdominal cavity and the small pelvis. M. L. TSyrul'nikov, S I Shtern. Vrach delo no. 4 411-412 Ap '60

ABDOMEN—SURGERY
Adhesive process in the abdominal cavity following perforation of a gastric and duodenal ulcer. N. S. Epifanov. Kaz. med zhur. 41 no. 1:37-42 Ja-F '60.

ABDOMINAL ANEURYSM
Successful alloplastic replacement of an aneurysm of the abdominal aorta and its bifurcation [with summary in English]. V. A. Zhmur. Grud. khir. 1 no. 1·106-110 Ja-F '59.

ABEGIAN, MGER MANUKOVICH, 1909
"Reveal beauty to people." IU. Vernikovskaia. Kul't. i zhizn' 4 no. 3:49 '60.

ABILITY
Formation of abilities [with summary in English]. A. N. Leont'ev. Vop. psikhol. 6 no. 1:7-17 Ja-F '60.

ABNORMAL E (IONOSPHERE) see Sporadic E (Ionosphere)

ABNORMALITIES (PLANTS)
Polymerous flower of Phelipaea coccinea Poir. P. L. L'vov. Bot. zhur. 45 no. 3:414-415 Mr '60.

ABORTION see subdivision under Moscow

ABRAMOV REGION (STALINGRAD PROVINCE)—GAS, NATURAL—GEOLOGY
Some data on the development of the Abramov gas field. K. P. Anisimov, M. O. Dzhabrailov. Gaz. prom. 6 no. 3:1-4 Mr '60.

ABRASION
Improved method of lubricant feeding in abrasion wear testing. IU. D. Pashin. Zav. lab. 26 no. 3:377-378 '60.
Method of finishing the abrasive surfaces of discs. M. A. Babichev. Zav. lab 26 no. 3:337-340 '60.

ABRASIVES
Using synthetic resins in the manufacture of abrasive cloth. I. V. Kamenskii, V. S. Murav'ev. Plast. massy no. 2:52-55 '60.

ABSENTEEISM (LABOR)
Legal penalties for absenteeism without good reason. V. Acharkan. Sots. trud 4 no. 12 138-142 D '59.

ABSORPTION
Effect of preparation methods on the porous structure of silica-alumina gel absorbers. A V. Kiselev, IU. S. Nikitin. Khim i tekh topl. i masel 5 no. 3·35-42 Mr '60
Modification of the technic of sectional investigation of female sexual organs in abortion cases. K. I. Khizhniakova. Sud.-med. ekspert. 2 no. 2:53-56 Ap-Je '59.
Study of the absorption of low concentration nitrogen oxides by soda solutions in a Venturi tube type apparatus. M. L. Varlamov, O. M. Drobysheva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1 146-150 '60.

ABSORPTION SPECTRA
X-ray K spectras of chromium absorption in silicides. S. A. Nemnonov, A. Z. Men'shikov. Fiz. met. i metalloved. 9 no. 3·385-389 Mr '60.

ABSTINENCE see Fasting

ABSTRACTION
Problem of abstraction in contemporary foreign psychology. E. N. Kabanova-Meller. Vop. psikhol. 6 no. 1 179-186 Ja-F '60.

ACADEMY OF SCIENCES OF THE KAZAKH S. S. R.
Meeting of Academy scientists with leaders in production. S. Kh. Khalilulin. Vest. AN Kazakh. SSR 16 no. 3·90 Mr '60.
Status and prospects for the extension of the scientific activity of the Academy of Sciences of the Kazakh S. S. R. Vest. AN Kazakh. SSR 16 no. 2:112-116 F '60.

ACADEMY OF SCIENCES OF THE U S. S. R.
Science center near Novosibirsk M. Belyi, I. Orlov. Arkhit SSSR no 6.4-7 '60
Triumphant general assemblies of the departments of the Soviet Academy of Sciences Vest. AN SSSR 30 no 6. 38-47 Je '60

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.
"Development of science in the Ukrainian S. S. R. during 40 years." Reviewed by N. Polons'ka-Vasylenko. Ukrains'kyi zbirnyk 16:95-132 '59.
The 1960 publishing plan of the Academy of Sciences of the Ukrainian S S. R. L. A. Tonkonoh Prykl mekh. 6 no. 1 117-118 '60

ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R.
Activities of the Academy of Sciences of the White Russian S. S. R. in the years 1957-1959. F. P. Vinokurau. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 1:5 '60.
Brief news. Vestsi AN BSSR Ser. hram. nav no. 1 156-157 '60.

ACCADIANS (SUMERIANS) see Sumerians

ACCELEROMETERS
Automatic calculating and printing accelerography L. E. Suslov. Trudy KazNIGMI no. 11:176-177 '59.
Determining accelerations by an accelerometer equipped with strain gauges. S. P. Kravchuk. Sbor. nauch. trud. Bel. politekh. inst. no. 72:45-52 '59.

ACCIDENT INSURANCE see Insurance, Accident

ACCIDENTS—STATISTICS see subdivision under Leningrad

ACCLIMATIZATION (PLANTS)
Paravian, A. V. [Acclimatization of the tea plant under mountain conditions of Central Asia] Opyt akklimatizatsii chainogo kusta v gornykh usloviiakh Srednei Azii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 264 p.

ACCOMPLICES
Grishaev, P. I., and G. A. Kriger. [Complicity according to Soviet criminal law] Souchastie po sovetskomu ugolovnomu pravu. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 253 p.

ACCOUNTING
The journal-voucher accounting system. M. S. Belousov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:18-24 Je '60.
Popov, B., and others [Use of an electronic calculating machine in accounting and norms calculations] Primenenie elektronnogo vychislitelia v uchete i normativnykh raschetakh Moskva, Gosfinizdat, 1960 95 p.

ACCOUNTING—PERIODICALS
Editors' acknowledgment. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:64 Mr '60.

ACCOUNTING—STUDY AND TEACHING see subdivision under Vinnitsa Province

ACETALDEHYDE
Certain priciples used in selecting catalysts for the liquid phase hydration of acetylene to acetaldehyde. R. M. Flid. Trudy Inst. khim nauk AN Kazakh. SSR 5.81-91 '59.

ACETALS
Oxidation of β-ketoacetals by lead tetraacetate. N. K. Kochetkov, E. E. Nifant'ev. Zhur. ob. khim. 30 no. 6· 1866-1872 Je '60.

ACETAMIDE
Use of sulfacyl in the treatment of minor wounds. I. M. Finkevich, D. A. Melamed. Zdrav Belor. 3 no. 10 60 O '57.

ACETANILIDE
Role of tibione in combined drug therapy in pulmonary tuberculosis. N. G. Luk'ianov. Zdravookhranenie 3 no. 1 15-20 Ja-F '60.
Study of the distribution of tibione in the separate components of the blood by means of the isotope method. L. I. Grebennik, I. M. Soboleva. Khim. i med. no. 11:110-112 '59.

Synthesis of S^{35}-tibione. A. M. Pozharskaia, N. A. Kosolapova. Khim. i med. no. 11:23-26 '59.

ACETATE SILK see Rayon

ACETIC ACID
Coefficients of the accumulation of radioactive isotopes of 16 different elements by fresh-water organisms and the effect of the EDTA complexon on some of them N. V. Timofeev-Resovskii. Dokl. AN SSSR 132 no. 5 1191-1194 Je '60.
Ethylenediaminotetraacetate complexes of alkaline earth metals, as studied by means of ion exchange. N. N. Matorina, N. D. Safonova. Zhur. neorg. khim. 5 no. 2· 313-320 F '60.
Physicochemical investigation of the interaction between thorium nitrate and phenylacetic acid. K N. Kovalenko, M. N. Tarasova. Zhur. neorg. khim. 5 no. 2:385-392 F '60.
Reaction of alkenes with diazoacetic ester in the presence of the catalyst $CuSO_4$. A. P. Meshcheriakov, I. E. Dolgii. Izv. AN SSSR Otd. khim. nauk no. 5:931-934 My '60.
Research on substitution products of acetic acids. A. L. Midzhoian, G. T. Tatevosian, S. G. Agabalian. Dokl. AN Arm SSR 29 no 5·235-243 '59.
Studies on derivatives of substituted acetic acids. Report No. 13: Some dialkylaminoalkyl esters of phenylalkyl and aryl acetic acids. A. L. Midzhoian and others. Dokl. AN Arm. SSR 30 no. 2:97-107 '60.
Study of the excretion and distribution of tiphen in the body by means of the isotope method. L. I. Grebennik, I. M. Soboleva. Khim. i med. no. 11:115-119 '59.

ACETONE
Amount of bisulfite-binding substances (BSV) in the urine of patients with trigeminal pains. M. M. Netreba, E. B. Burgsdorf, E. N. Peskina. Vrach. delo no. 1·89-90 '60.
Free energy of solvation of KI in ethanol and acetone. V V. Aleksandrov, IU. A. Ershov. Dokl. AN SSSR 132 no. 6:1327-1328 Je '60.
Mechanism of the heterogeneous exchange of acetone and H_2O in the gas phase. B. A Kuznetsov, N. D. Elkina Dokl. AN SSSR 132 no. 6:1344-1347 Je '60.
Oxidation of acetone, initiated by benzoyl peroxide. E. T. Denisov. Izv. AN SSSR Otd. khim. nauk no. 5:812-815 My '60.

ACETOPHENONE

Transfer of the influence of substituents by various conjugated systems. Z. N. Parnes, V. I Zdanovich, D N Kursanov Dokl AN SSSR 132 no 6·1322-1324 Je '60

ACETOXYLIDIDE

Comparative evaluation of the anesthetizing effect of novocaine and lignocaine. A. Sh Simonishvili Soob. AN Gruz. SSR 23 no 5:627-629 N '59

ACETYLENE

Certain priciples used in selecting catalysts for the liquid phase hydration of acetylene to acetaldehyde. R. M. Flid. Trudy Inst. khim. nauk AN Kazakh. SSR 5 81-91 '59.

Hydrogenation of acetylene in the liquid phase. N. I. Shcheglov, D. V. Sokol'skii. Trudy Inst. khim nauk AN Kazakh. SSR 5·97-104 '59.

Increase in the concentration of hydrogen ions during the formation of complex compounds between acetylene and vinylacetylene. A L. Klebanskii, I. M Dolgopol'skii, Z F Dobler Zhur prikl. khim 33 no 3 716-723 Mr '60

Stereochemistry of reactions of addition to a triple bond. Report No. 4: Stereochemistry of bromination of acetylene and mono-substituted acetylenes. I. N. Nazarov, L. D. Bergel'son. Izv. AN SSSR Otd. khim. nauk no. 5. 896-901 My '60.

USN-56 stationary unit for the production of dissolved acetylene. Torf. prom. 37 no. 2.36-37 '60.

ACETYLENE BLACK see Carbon black

ACHKHOY-MARTAN DISTRICT—ATHEISM

"Take the offensive" is the atheist's motto. M. Khunkaev. Kul't.-pros. rab. 21 no. 2·27-29 F '60.

ACID-BASE EQUILIBRIUM

Comparative evaluation of some types of anesthesia in surgery. K. G. Kalumov. Med. zhur. Uzb. no. 11:51-54 N '58.

ACID PROTEINASE see Pepsin

ACID-RESISTANT MATERIALS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 27. [Acidproofing] Kislotoupornye raboty. 1960. 50 p.

ACIDS

Analytical use of complex compounds of boron with phenolcarboxylic acids [with summary in English]. V. A. Nazarenko, S. IA. Vinkovets'ka Dop. AN URSR no. 2.196-197 '60.

Potentiometric method of titrating acids with quaternary ammonium bases A. P. Kreshkov, L. N. Bykova, N A Mkhitarian Dokl AN SSSR 132 no 5 1090-1092 Je '60

ACIDS, FATTY

Comparative stability of fatty acids of normal structure to oxidation by molecular oxygen. B. I. Makalets. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1.109-111 '60

Composition of alcohols obtained from unsaponifiables-II. P. A. Moshkin, R. I. Kobzova. Masl.-zhir. prom. 26 no. 6:30-33 Je '60.

Effect of additions of emulsifiers to fatty acids on their properties of diffusion. N. I. Kozin, E. N Sitnikova. Sbor. nauch. rab. INKH no. 16:192-201 '59

Effect of fatty acid salts on the process of styrene polymerization in emulsions [with summary in English] A. I. IUrzhenko, S. S. Ivanchov Koll zhur 22 no 1 120-127 Ja-F '60.

Effect of free fatty acids, of excess alkali and alkali electrolytes on the solubilization of hydrocarbons in soap solutions. P. A. Demchenko. Masl.-zhir. prom. 26 no. 6:27-29 Je '60.

Fractionation of fatty acids in soapstocks from cottonseed oil. A. S. Magdamov, A. L. Markman. Trudy Sred.-Az. politekh. inst. no. 3:18-22 '57.

Problems involved in the hydrogenation of fatty acids. M. G. Guseva, L. V. Porolo. Masl.-zhir. prom. 26 no. 6:21-24 Je '60.

Reactions of hydrogenation of natural fats and their simplest synthetic analogs - esters of high molecular weight fatty acids. L. S. Golodova, D. V Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR 5:36-43 '59.

Stabilizing effect of calcium salts of synthetic fatty acids A. S. Daniushevskii, E. A. Godzevich. Plast. massy no. 1:46-48 '60.

ACOUSTICAL ENGINEERING

Calculating basic parameters of mufflers for aero-gas-dynamic units. E IA IUdin Prom aerodin no 14 3-16 '59

Investigating noise attenuators used in some large ventilation units. R. D. Filippova Prom aerodin. no. 14 33-42 '59

Investigating sound-absorbing materials T G Bochkova. Prom. aerodin no 14 80-98 '59.

Investigating the design of anechoic chambers E IA IUdin, I A Grafskii Prom aerodin no 14 109-127 '59

Natural noise attenuator with a granular damper E IA IUdin, K G Chikin, A G Munin Prom aerodin no 14 43-46 '59

ACOUSTICAL MATERIALS—TESTING

Device for determining dynamic properties of elastic materials. V. I. Zaborov, G. S. Rosin, L. P. Tiumentseva. Stroi. mat. 6 no. 4:39-40 Ap '60.

ACRIDINE

New method of preparing sym-9-methyloctahydroacridine and the description of two isomeric 9-methylperhydroacridine compounds. M N. Tilichenko, M. A. Abramova, M. E. Egorova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no 1:130-131 '60.

ACROLEIN

Catalytic oxidation of propylene and acrolein on a copper contact V. M. Belousov and others Dokl AN SSSR 132 no 5 1125-1128 Je '60.

ACRYLAMIDE

Effective settler. G. Semenov. Nauka i zhizn' 27 no. 2: 66 F '60.

Flocculation of slimes and synthetic flocculants of the polyacrylamide type. I A IAkubovich Atom. energ. 8 no 6:535-541 Je '60

Speeding up the sedimentation of the 1st carbonation juice by the admixture of polyacrylamide. B. S. Zhalov. Sakh. prom. 34 no. 3:38-39 Mr '60.

ACRYLIC ACID

Some data on the glass-reinforced plastics based on polyester acrylates IA D Avrasin, A I. Prigoreva. Plast massy no 1.13-21 '60

Structural orientation of diene condensations of 1-alkylbutadienes with unsymmetrical dienophiles. I. N. Nazarov, IU A. Titov, A. I. Kuznetsova. Izv. AN SSSR Otd. khim. nauk no. 5:879-886 My '60.

Thermodynamic study of the interaction between graft copolymers and the solvent [with summary in English]. M. M. Iovleva, P. V. Kozlov, V. A. Kargin. Vysokom. soed. 2 no. 6·937-941 Je '60.

ACRYLONITRILE

Triple copolymers of butadiene, acrylonitrile, and 2-methyl-5-vinylpyridine. P. A. Vinogradov, N. G. Arsen'eva, K. E. Gavshinova. Kauch. i rez. 19 no. 3 5-9 Mr '60.

ACTING—STUDY AND TEACHING see subdivision under Minsk

ACTINIDE ELEMENTS

Hypothetical electron configurations of the actinide elements [with summary in English]. V. M. Klechkovskii. Izv TSKhA no. 6:185-200 '59.

ACTINOMYCES

Evidence of genetic transduction in Actinomyces S. I. Alikhanian, T. S. Il'ina, N. D Lomovskaia. Dokl. AN SSSR 132 no. 5 1179-1182 Je '60

ACTINOMYCOSIS

Case of actinomycosis with injury of the central nervous system V N. Getmanets, I. I Parkhomov, V. A Del'va. Vrach. delo no 1:83-84 '60.

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS

Activation energy of self diffusion and the melting points of metals. V. I. Meshkov. Izv. vys. ucheb. zav.; chern. met. no. 5:93-98 '60.

ACTIVITY PROGRAMS IN EDUCATION

More active teaching as an important way to improve the progress of students. V. F. Shmorhun. Rad. shk. 39 no. 3·15-19 Mr '60.

ACTORS, UKRAINIAN

Our artists tell their stories. Mystetstvo 7 no 1·6-12 Ja-F '60

ACUPUNCTURE

Kassil, G. N., E. M. Boreva, and A. M. Vein. [Treatment by acupuncture (chen-chiu)] Lechenie igloukalyvaniem; chzhen'tsziuterapiia. Moskva, Znanie, 1959. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8. Biologiia i meditsina, no. 17)

DNLM

Use of acupuncture in the clinical treatment of internal diseases. IA. F. Buglova Zdrav Belor. 6 no 2 23-26 F '60.

ADAMOVICH, EVGENIIA ALEKSEEVNA, 1890

Evgeniia Alekseevna Adamovich. Nach. shkola 28 no. 3: 94 Mr '60.

ADDING MACHINES see Calculating machines

ADENOSINETRIPHOSPHATASE

Effect of insulin and glucose on the adenosinetriphosphatase activity of the blood [with summary in English] I D Holovats'kyi Dop. AN URSR no. 2 224-227 '60.

ADHESION

Adhesion of high polymers. Part 4 Effect of mechanical factors on high polymer adhesion [with summary in English]. A P Pisarenko, A. I Shapovalova, S S Voiutskii. Koll zhur 22 no. 1 57-62 Ja-F '60

Adhesion of polytrifluoroethylene coatings to metals. T. N. Nikolaeva, N. S. Kudriavtseva. Khim. prom. no. 8 668-672 D '59.

Adhesion of synthetic rubbers to different high molecular weight substrata. S. S. Voiutskii, V. L. Vakula. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1.186-189 '60.

Adhesion to iron of copper deposited from complex ethylenediamine electrolytes. N V Osetrova, P S. Titov. Izv vys ucheb zav ; khim i khim. tekh. 3 no. 1 154-157 '60

Organosilicon polymer liquids as lubricants for molds in casting and compression molding of articles made of thermoplastics. E. A. Militskova and others. Plast. massy no. 3 72-73 '60.

Some factors affecting the adhesion of rubbers to cord impregnated with latex-protein compositions [with summary in English]. A. A. Berlin, R. V. Uzina, I. L. Shmurak. Vysokom. soed. 2 no. 6·832-837 Je '60.

Some particular features of the use of the "leikonat" adhesive for bonding rubber to metal. B. G. Lipkina, M. V. Timofeeva. Kauch. i rez. 19 no. 3.20-37 Mr '60

Studying the nature of the deterioration in the system cord - adhesive - rubber. R. V. Uzina, V. E. Basin. Kauch. i rez. 19 no. 2 28-35 F '60.

ADHESIVES

(see also subdivision under Germany, East)

Methylol polyamide adhesives. K. N. Vlasova, L. A. Rodivilova. Plast. massy no. 2 19-23 '60.

ADMINISTRATIVE LAW see subdivision under Czechoslovakia, Poland

ADONIS

(see also subdivision under Uzbekistan)

Photocolorimetric method for determining the glycosides in Adonis. P. G. Smolianskaia, T. M. Kogan. Med. prom. 14 no. 4 41-42 Ap '60.

Photocolorimetric method of determining the activity of adonis extract. P. G. Smolianskaia, T. M. Kogan Med prom. 14 no. 3:42-44 Mr '60

Sensitivity of two types of frogs (Rana temporaria and Rana ridibunda) to preparations of Convallaria majalis and Adonis vernalis. N. N. Pigulevskaia. Apt. delo 9 no. 1·55-58 Ja-F '60.

Use of concentrated infusion of Adonis in therapeutic practice V. I. Rovinskii Vrach. delo no 4 431 Ap '60.

ADOPTION

She is the real mother for another woman's child. S. Makarau. Rab. i sial. 36 no 2·16 F '60.

ADRENAL CORTEX—TUMORS

Change in the neutral 17-ketosteroids and in the sugar metabolism in tumors of the adrenal cortex. P. A. Sazhenin Vrach. delo no. 3 315-317 Mr '60.

ADRENAL GLANDS—TUMORS

Surgical treatment of paroxysmal hypertension. V. I. Korkhov, P. T. Volkov. Khirurgiia 35 no. 12 83-84 D '59.

ADRENALINE

Role of insulin and adrenaline in the amino acid metabolism of the mammary gland. V. G. IAkovlev, G. N. Ozerova, I. K. Mishchenko. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:37-63 '59.

Synthesis of D-adrenaline-β-C^{14}. IU. V. Markova, L. N. Zenkova, M. N. Shchukina. Khim. i med. no. 11·83-85 '59.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORPTION

Adsorption of hydrogen on Ni-ZnO catalysts. D. V. Sokol'skii, N. M. Popova. Trudy Inst. khim. nauk AN Kazakh. SSR 5:15-19 '59.

Adsorption properties of hydrolytic lignin [with summary in English]. V. F Vanina and others. Koll zhur 22 no 1 9-15 Ja-F '60.

Area of the active surface of wheat grain and the physical interpretation of the term. G. A. Egorov. Izv. vys. ucheb. zav.; pishch. tekh no. 1 13-16 '60.

Dependence of the diffusion coefficient upon the extent of adsorption on activated carbon. D P. Timofeev, I. T. Erashko. Dokl. AN SSSR 132 no. 5 1144-1147 Je '60

Heat and entropy of adsorption of benzene and n-hexane vapors on magnesium hydroxide [with summary in English] A. V Kiselev, D. P. Poshkus. Koll zhur. 22 no 1 25-30 Ja-F '60.

ULT EDUCATION
(see also subdivision under Kirovograd Province, [illegible] District, Warsaw)

[illegible], A. M. [Culture for the masses; from the work practice of the first universities of culture] Kul'turu v massy; iz opyta raboty pervykh universitetov kul'tury. Moskva, Gos. izd-vo "Iskusstvo," 1960. 46 p.

VERTISING—BOOKS

Advertisements to meet modern demands. I. Turovskaia. Sov. kn. torg. 12 no. 3 23-25 Mr '60

VERTISING—STUDY AND TEACHING

Creative laboratory. V. Glazunova. Sov. torg. 33 no. 3 39-42 Mr '60

VA VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of deposits of the last interglacial period for the Adz'va-Karatayka interfluve. F. F. Stankevich. Dokl. AN SSSR 132 no. 6 [illegible]-1402 Je '60

RIAL PHOTOGRAMMETRY
(see also subdivision under Kazakhstan)

Aerial photographic surveying of the snow cover in the mountainous basin of the Pskem River and problems concerning runoff resulting from snow waters. D. P. [illegible]. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 2 256-266 '59

Formulas for the perspective relation between arbitrarily chosen segments on a tilted aerial photograph and lines on the horizontal terrain. L. N. Pavlov. Izv. vys. ucheb. zav.; geod. i aerof. no. 2 97-104 '60

From work practices in signaling. A. I. Subbotin. Geod. i kart. no. 2:31-35 F '60

Investigating the accuracy of determining reciprocal orientation elements of aerial photographs. K. N. Ger[illegible]. Geod. i kart. no. 3:27-36 Mr '60.

[illegible], P. L., and others. [Topography and aerial topographical surveying] Topografiia i aerofototopografiia. Moskva, Izd-vo geod. lit-ry, 1959. 471 p.

Plotting the projections of aerial photographs taken with a continuous-strip camera. G. B. Gonin. Probl. Arkt. no. 6 57-105 '59.

Use of aerial methods in solving some problems in connection with the lowering level of the Caspian Sea. V. V. [illegible]. Trudy Okean. kom. 5 202-207 '59

Using aerophotographic data on snow runoffs when calculating snow melts. A. I. Afanas'ev. Trudy TSIP no. 90: 1-11 '60

Using multilayer films to control the flattening of aerial films in a plane. V. M. Serdiukov. Geod. i kart. no. 3 [illegible]-33 Mr '60

RIAL PHOTOGRAPHY see Photography, Aerial

RODYNAMICS

Aerodynamic interaction in free-molecular flow. E. Lariz. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 117-120 My-Je '60.

Investigating the action of an air stream on loose granular material. B. K. Skripach. Prom. aerodin. no. 14 [illegible]-50 '59

Mobile approximation method in gas dynamics. G. I. Na[illegible]. Trudy TGU 144:81-93 '59.

Using high-speed cinematography for investigating aerodynamic and combustion processes. S. V. Bukhman. [illegible] nauch. fot. 6 212 '59.

RODYNAMICS—MEASUREMENT

Aerodynamic scales. N. Toporov. IUn. tekh. 4 no. 2:48 F '60.

AERODYNAMICS, SUPERSONIC

Airfoil of finite span and with a symmetric profile in subsonic and supersonic flow. E. A. Krasil'shchikova. Inzh. sbor. 27:29-37 '60.

Calculating bodies of revolution placed in a supersonic flow. I. M. IUr'ev. Inzh. sbor. 27:38-44 '60.

Carafoli, Elie. [High-speed aerodynamics; compressible flow. Translated from the English. Preface by E. Carafoli] Aerodinamika bol'shikh skorostei; szhimaemaia zhidkost'. Pod red. L. P. Smirnova. Moskva, Izd-vo Akad. nauk SSSR, 1960. 738 p.

Motion of a thin blunt cone at a low angle of attack with a high supersonic speed. V. V. Lunev, I. N. Murzinov, O. N. Ostapovich. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:121-125 My-Je '60.

Stability of an elastic beam with an empennage in a supersonic flow. A. M. Slobodkin. Inzh. sbor. 27:77-80 '60.

Theory of an unsteady supersonic gas flow about an airfoil of finite span. A. D. Lisunov. Prikl. mat. i mekh. 24 no. 1:166-168 Ja-F '60.

Theory of simple and cruciform delta wings in a supersonic flow. Elie Carafoli. Inzh. sbor. 27:17-28 '60.

RODYNAMICS, TRANSONIC

Carafoli, Elie. [High-speed aerodynamics; compressible flow. Translated from the English. Preface by E. Carafoli] Aerodinamika bol'shikh skorostei; szhimaemaia zhidkost'. Pod red. L. P. Smirnova. Moskva, Izd-vo Akad. nauk SSSR, 1960. 738 p.

EROMETER see Hydrometer

AERONAUTICAL INSTRUMENTS

Barogram that was incorrect. V. Zhulева. Grazhd. av. 17 no. 3 22 Mr '60

AERONAUTICS
(see also subdivision under Arctic regions, Krasnoyarsk, Kursk, Ul'yanovsk, Zhdanov)

Around the world. Kryl. rod. 11 no. 3:30 Mr '60.

Athletes, get set! E. Stepanov. Kryl. rod. 11 no. 4:25 Ap '60.

Design, create, try it out! Kryl. rod. 11 no. 3:20-21 Mr '60

Facts, events, people. Kryl. rod. 11 no. 2:12-13 F '60.

Facts, events, people. Kryl. rod. 11 no. 3:12-13 Mr '60

Facts, events, people. Kryl. rod. 11 no. 4:12-13 Ap '60.

Federation of aeronautical sports in the U.S.S.R. Kryl. rod. 11 no. 2:3 F '60.

Interview with our correspondent. Kryl. rod. 11 no. 2: 10 F '60

New books. Kryl. rod. 11 no. 2:7 F '60.

Sportsmen from rural areas. Kryl. rod. 11 no. 2:4 F '60

Strength lies in unity. Kryl. rod. 11 no. 3:2 Mr '60.

This is interesting to know! Kryl. rod. 11 no. 3:31 Mr '60

To summer camps! Kryl. rod. 11 no. 4:24 Ap '60.

AERONAUTICS—FLIGHTS

They were the first. N. Aleksandrova. Grazhd. av. 17 no. 2 10-11 F '60.

AERONAUTICS—STUDY AND TEACHING

Learn yourself, then teach others. Kryl. rod. 11 no. 2:5 F '60

This is a better way! I. Belov. Kryl. rod. 11 no. 2:14-15 F '60

AERONAUTICS, COMMERCIAL
(see also subdivision under China, Petrozavodsk, Turkmenistan)

Figures of growth. G. Uvarova. Grazhd. av. 17 no. 3:3 Mr '60.

On peaceful airways. Kryl. rod. 11 no. 3:1 Mr '60.

Party control in action. M. Liakhovetskii. Grazhd. av. 17 no. 2 6-7 F '60.

Schools for propagandists. L. Zhitinskii. Grazhd. av. 17 no. 3:12 Mr '60.

Seven-hour workday. V. Mishinkin. Grazhd. av. 17 no. 2: 4-5 F '60.

Toward new heights! Grazhd. av. 17 no. 2:1 F '60.

AERONAUTICS, COMMERCIAL—EQUIPMENT AND SUPPLIES

Our proposals. A. Koshelev. Grazhd. av. 17 no. 3:14 Mr '60.

AERONAUTICS, COMMERCIAL—FREIGHT

Cargo is flown in containers. A. Kompaneitsev. Grazhd. av. 17 no. 3 14 Mr '60.

AERONAUTICS IN AGRICULTURE

Airplanes as fertilizer spreaders. V. Anan'ev. Izobr. i rats. no. 4:36-37 Ap '60.

Aviation in agriculture. V. Nazarov. Kryl. rod. 11 no. 3:3-4 Mr '60.

The second spring of the seven-year plan. V. Nazarov. Grazhd. av. 17 no. 3:1-3 Mr '60.

AERONAUTICS IN GEOGRAPHY—CONGRESSES

Conference on the use of aerial methods in landscape studies. T. V. Afanas'eva, V. A. Nikolaev. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:233-236 '59.

AERONAUTICS IN METEOROLOGY

Airborne apparatus for measuring spectral optical characteristics of the atmosphere and the underlying surface. IU. I. Rabinovich. Trudy GGO no. 100:116-123 '60.

Determination of vertical gusts by accelerograph records of airplanes navigated by pilots. A. S. Dubov, A. L. Genkin. Trudy GGO no. 98 38-42 '59.

Determining the coefficient to turbulent exchange by airplane acceleration. A. S. Dubov. Trudy GGO no. 98: 54-67 '59.

AERONAUTICS IN SURVEYING

Helicopters in the service of geodesists. N. A. Rybalov. Geod. i kart. no. 3:52-53 Mr '60.

Methods and apparatus for airborne electric prospecting. L. IA. Miziuk. Izv. AN SSSR. Ser. geofiz. no. 6:787-797 Je '60.

AEROSOL THERAPY

Aerosol therapy in pulmonary tuberculosis. P. L. Vinnikov. Kaz. med. zhur. 41 no. 1:16-21 Ja-F '60.

AEROSOLS

Hydrodynamic crisis in an ascendant current of gas carrying solid particles. E. V. Donat. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:163-164 My-Je '60.

Investigating the regularity of movement of an atomized stream of liquid. A. S. Lyshevskii. Izv. vys. ucheb. zav.; energ. 3 no. 6:136-144 Je '60

Studying the dispersal of silver iodide smoke in a closed container. T. N. Zhigalovskaia, V. N. Balabanova. Izv. AN SSSR Ser. geofiz. no. 6 903-905 Je '60.

Theory of the drift of aerosol particles in a standing sound wave [with summary in English] S. S. Dukhin. Koll. zhur. 22 no. 1 128-130 Ja-F '60

AEROSOLS—OPTICAL PROPERTIES

Experimental investigations of the light scattering of coagulating aerosols [with summary in English] O. M. Todes, V. F. Fedortsov, A. A. Chekunov. Koll. zhur. 22 no. 1 90-96 Ja-F '60

AESTHETICS

Parsadanov, N. IA. [Contemporary revisionism in aesthetics] Sovremennyi revizionizm v estetike. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 51 p.

Unity of forces strengthens positions. E. Trushchenko. Inostr. lit. no. 1 195-202 Ja '60.

AESTHETICS—STUDY AND TEACHING

Aesthetic education in the Syzran' boarding school. O. M. Blandova. Sov. pedag. 24 no. 3 87-93 Mr '60.

AFFORESTATION
(see also subdivision under Don Valley)

[Reference book for workers in the field of land improvement through afforestation] Spravochnik agrolesomelioratora. Izd. 3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 308 p.
(DA)

AFFORESTATION—TECHNOLOGICAL INNOVATIONS

Over-all mechanization and automation in the shelterbelt afforestation. A. Shadrin. NTO 2 no. 3:22-23 Mr '60.

AFGHANISTAN

Akademiia nauk SSSR. Institut vostokovedeniia [Present-day Afghanistan] Sovremennyi Afganistan. Moskva, Izd-vo vostochnoi lit-ry, 1960. 502 p.

AFGHANISTAN—RELATIONS (GENERAL) WITH RUSSIA

Society of friendship with Afghanistan. Kul't. i zhizn' 4 no. 2:14-15 '60.

AFGHANISTAN—ROAD CONSTRUCTION

The Salang road. A. Biriukov. Ogonek 38 no. 9 22-23 F '60.

AFRICA

Africa spreads her wings. N. Gavrilov. Sov. Soiuz no. 4 16-17 '60

AFRICA—ADMINISTRATIVE AND POLITICAL DIVISIONS

Africa today. Ogonek 38 no. 17:2 of cover, 1 Ap '60.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost. nos. 3-4 '60.

AFRICA—BRITISH COLONIES

Tragedy of the Central African nations. E. Saks. Mezhdunar. zhizn' 7 no. 7:49-57 Jl '60.

AFRICA—COLONIES

"Do not abandon us in misfortune." F. Donskoi. Sovr. Vost. no. 6:58 Je '60.

The socioeconomic aspects of contemporary colonialism; article 2. K. Ivanov. Mezhdunar. zhizn' 7 no. 6:41-53 Je '60.

AFRICA—DISEASES

Drive against disease. I. Sluchevskii. Sovr. Vost. no. 6: 57-58 Je '60.

AFRICA—EDUCATION, HIGHER

Notes on institutions of higher learning in the countries of tropical and southern Africa, from the pages of the foreign press. I. Davydov. Vest. vys. shkoly 18 no. 7: 83-88 Jl '60

AFRICA—KWASHIORKOR

"Kwashiorkor in Africa" by S. F. Brock, M. Autret. Reviewed by A. N. Rubakin. Usl. zhiz. i zdorov. 1 no. 5 57-58 '59.

AFRICA—MOTION PICTURES

Greetings to the motion picture industry of Africa! Kul't. i zhizn' 4 no. 2:54 '60.

AFRICA—POLITICS

Awakening of Africa (to be continued). S. Gorelyshev, IU. Ivanov, V. Kaboshkin. Agitator no. 12 38-43 Je '60

Awakening of Africa. S. Gorelyshev and others. Agitator no. 13:35-40 Jl '60.

Day of freedom for Africa. Vokrug sveta no. 4:32 Ap '60.

From Accra to Addis Ababa. Nov. vrem. 18 no. 27:2 Jl '60.

I believe in happiness. R. Gamzatov. Ogonek 38 no. 17: 1-2 Ap '60.

AFRICA – POLITICS (Continued)

Independence immediately! Sovr, Vost, no. 6:10-11 Je '60.

India calls for solidarity. Pritul Lahiri. Mol. mira no 7:24 '59

Lenin and the fate of Africa. I. Potekhin. Ogonek 38 no.16 25 Ap '60.

Tragedy of the Central African nations E. Saks Mezhdunar. zhizn' 7 no 7:49-57 Jl '60.

Union of South Africa, the land of apartheid, Gordon Schaffer V zashch mira no 6 16-21 Je '60

AFRICA—SCULPTURE

Sculptors of the Black Continent. L D IAblochkov. Ogonek 38 no 17 18-19 Ap '60.

AFRICA—YOUTH

Hima Dembele, a guest of the "World Youth" at the Vienna festival. Mol. mira no 9 2-5 '59.

Young Africans want friendship. D. D. Tomboron. Mol. mira. no. 12:21 '59.

AFRICA, NORTH—FRENCH COLONIES—ECONOMIC CONDITIONS

Potemkin, IU V. [Economic policy of France in North African countries from 1945 through 1955] Ekonomicheskaia politika Frantsii v stranakh Magriba, 1945-1955 gg Moskva, Izd-vo vostochnoi lit-ry, 1960 127 p

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICAN LITERATURE—HISTORY AND CRITICISM

African literature in the U S S R A. Korogodin Kul't i zhizn' 4 no. 4 63 '60.

AGADIR, MOROCCO—EARTHQUAKE, 1960

Agadir earthquake M. B Gornung. Priroda no 6 113-114 Je '60.

The Agadir earthquake. S. Fedorov Sovr Vost no. 6 45-47 Je '60.

AGADIR DISTRICT—SILVER MINES AND MINING

Historical ethnographical essay concerning the Sadon mines, to the beginning of the 20th century B A Kaloev. Izv. Sev.-Oset. nauch.-issl. inst 21 no. 1:91-108 '58

AGANAKATTY VALLEY (DZUNGARIAN ALA-TAU)—*GLACIERS*

Modern glaciation in the Aganakatty area of the Dzungarian Ala-Tau. E. V. Maksimov. Izv Vses. geog. ob-va 92 no. 3 263-272 My-Je '60.

AGE AND EMPLOYMENT

Old workers want to work T Karavaiev Ukraina no 5 7 Mr '60

AGED

Certain characteristics in the physical development and neuromuscular condition of middle-aged persons. A. V. Belorusova. Teor. i prak. fiz kul' 22 no 12 924-926 '59.

AGED—RECREATION

Evaluating the direct effect of physical education lessons on the organism of older persons. V A. Fishler, B. A Savenkov. Teor. i prak. fiz kul'. 23 no. 2 114-117 '60

Physical education for older men with symptoms of atherosclerosis. V. E. Vasil'eva. Teor. i prak fiz. kul' 23 no. 2:94-98 '60.

Physiological and chemical changes in the organisms of older persons during physical training. L. G. Leshkevich and others. Teor i prak. fiz. kul'. 23 no. 2:108-113 '60.

Physiological basis and methodological factors in physical *education for older persons* I. M Sarkizov-Serazini. Teor. i prak fiz. kul'. 22 no. 12 907-912 '59

AGGLUTINATION

Agglutination reaction with blood serum and with the saliva of paradentosis patients in the process of treatment. Z. A. Flis, O. G. Datsenko. Probl. stom. 4:289-294 '58.

AGGLUTININS

Study of the so called "new" blood group factors of the Lewis and Rhesus systems M. A Bronnikova, V A. Bogdasarov, L O. Barsegiants Vop antr. no 1 117-119 '60.

AGGRAVATING CIRCUMSTANCES

Role of the effects of criminal offenses in the establishment of criminal responsibility. N. Kuznetsova, I. Mikitich. Sov. iust no. 3:14-19 Mr '60

AGGREGATES

Kolmogorov-Aleksandrov duality theorem. K. Kh. Dauker. Mat. sbor. 50 no. 2:247-255 F '60.

Maximum condensation point of one subset of a set of Markov numbers. P. G. Kogonia. Trudy Mat inst. AN Gruz. SSR 26 17-22 '59.

Measure of sets of maximum deviation points. IU. A. Brudnyi, I. E. Gopengauz. Izv AN SSSR Ser. mat. 24 no. 1 129-144 Ja-F '60.

On samples of two general sets and tests of hypotheses connected with them [with summary in English] I I. Kamens'kyi. Dop. AN URSR no. 2.150-155 '60.

One of the properties of theoretical and functional zero-sets S IA. Khavinson. Nauch. dokl. vys. shkoly, fiz-mat nauki no 3:71-77 '59

Set of condensation points of a set of Markov numbers. *Trudy Mat. inst. AN Gruz. SSR 26 3-16 '59.*

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Lianozovo)

Effect of cooling conditions on the structure and properties of keramzit gravels N N Volodina, A A Maier, N S Manuilova Stroi mat 6 no 2 14-16 F '60

Full utilization of shell limestone A I Konoplenko, R L Mailian, E S Savin Stroi mat 6 no 6 25-26 Je '60

Making lightweight aggregates by molding molten slags in the plastic state V M Kirichenko Stroi mat 6 no 6 24-25 Je '60

Principles of effective firing of local clays and clay shale in rotary furnaces to produce keramzit. I R. Rasulov. Izv AN Uz. SSR. Ser. tekh. nauk no. 1 51-56 '60

Strength of concretes made with shell limestone aggregates A. I. Konoplenko, A. N. Romodanov Trudy RISI no 15 35-48 '58

Thermal balance of rotary kilns for kilning keramzit P I Berenshtein Stroi mat 6 no 2 12-14 F '60

Using sea silt as a high-quality raw material in making keramzit P P Stepachenko Stroi mat 6 no. 2 16-17 F '60

AGGREGATES (BUILDING MATERIALS)—COLD WEATHER CONDITIONS

Methods for rapid thawing and heating of concrete aggregates in construction yards A A. Voznesenskii. Trudy RISI no. 15 49-51 '58

AGING

Role of disulfide and methyl groups in the processes of aging [with summary in English]. C I Parhon, S. Oeriu. Biokhimiia 25 no. 1 61-67 Ja-F '60

AGRAKHAN GULF—WATER RESOURCES DEVELOPMENT

State of the Kirov and Agrakhan Gulfs in connection with their reclamation [as commercial fishing grounds] following the lowering of the sea level. V A Sabili Trudy Okean kom 5 376-380 '59.

AGRANULOCYTOSIS

Medicinal agranulocytosis A. F. Mardna, N. V I l'shtein. Zdrav. Belor 3 no 10 67-68 O '57

AGRICULTURAL CLIMATOLOGY see Crops and climate

AGRICULTURAL EDUCATION
(see also subdivision under Ukraine)

How industrial enterprises and state and collective farms participate in training the specialists whom they will later employ. Otv na vop. trud. no. 111,26-29 '60.

AGRICULTURAL ENGINEERING see subdivision under Golodnaya Steppe

AGRICULTURAL EXHIBITIONS see subdivision under New York (City)

AGRICULTURAL IMPLEMENTS see subdivision under Izmail region

AGRICULTURAL LABORERS see subdivision under Ukraine

AGRICULTURAL LABORERS—DISEASES AND HYGIENE see subdivision under Samarkand Province, Turkmenistan

AGRICULTURAL LABORERS—MEDICAL CARE see subdivision under Kirovograd Province; Molodechno Province

AGRICULTURAL LAWS AND LEGISLATION
(see also subdivision under Czechoslovakia)

Legal forms of intercollective farm production relations. A B. Godes. Sov. gos. i pravo no. 5 27-36 My '60.

New decision of the plenum of the Supreme Court of the U. S. S. R. "Judicial practice in collective farm civil cases" P. I. Bardin. Sov. gos. i pravo no. 6.11-21 Je '60

On the management of agricultural land ("Legal forms of *the management* of agricultural land in the U. S. S. R." by V. A. Kabatov. Reviewed by V. K. Grigor'ev). Sov. gos. i pravo no. 6 141-144 Je '60.

AGRICULTURAL MACHINERY
(see also subdivision under Kazakhstan)

All-Union Scientific Research Institute of Farm Mechanization and its contribution to agriculture. G. Gin'ko. Tekh. v sel'khoz 20 no 2 69-72 F '60.

Comparative testing of machinery units for *hay harvesting.* L. Zhogova, V. Ryzhova, Z. Zhurba. Tekh. v sel'khoz. 20 no. 2:25-28 F '60.

Efficient utilization of machinery and tractors is one of the most important tasks *of collective and state farms.* O F Krylov Mekh sil' hosp 11 no 3 1-2 Mr '60

Improve the design and production of tractors and agricultural machinery. S. O. Karpenko. *Mekh. sil'. hosp. 11* no. 2:3-4 F '60.

In the world of technology Mekh sil'. hosp. 11 *no* 3 32 Mr '60

Isotopes and agricultural machinery. A Zaitsev. Tekh v sel'khoz. 20 no. 2 65-69 F '60.

Machinery for cultivating corn. O I. Sylenko, M K Didenko Mekh sil' hosp 11 no 3 19-21 Mr '60

Making efficient use of machinery in spring work H I Sulyma Mekh sil' hosp 11 no 3 7-8 Mr '60

Method for the economic evaluation of agricultural machinery N Vlasov Ekon sel'khoz 31 no 2:73-86 F '60

Over-all mechanization in sugar beet cultivation S IA *Rohachov Mekh sil' hosp 11* no 3 16-17 Mr '60

Plastics in agriculture. M. I. Garbar. Plast. massy *no. 2:1-3 '60.*

Problems of the over-all mechanization and electrification of agriculture. N. Aparin, N. Perekalina, T. Khaletskaia. Vest. Mosk. un. Ser. 8 Ekon. filos. 15 no. 3; 93-97 My-Je '60.

Quality of pickup balers. P. Shalin and others. Tekh. v sel'khoz. 20 no. 2:86 F '60.

Russia (1917- R. S. F. S. R.) Glavnaia inspektsiia po mekhanizatsii sel'skogo khoziaistva. [Reference manual for the new agricultural machinery] Katalog-spravochnik po novoi sel'skokhoziaistvennoi tekhnike. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1959. 98 p.

Shatunovskii, G. M. [Engineering efficiency of the structures of agricultural machinery] Tekhnologichnost' konstruktsii sel'skokhoziaistvennykh mashin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 367 p.

Special problems of operating machinery used in cultivating and harvesting corn. G Kukta, N. Didenko. Tekh. v sel'khoz. 20 no. 2 14-16 F '60.

Supply collective farms with economically substantiated amortization norms. D. B. Pataliev, A. V. Vinokur. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:30-32 Mr '60.

Thinking about a rich hectare. A. Shakin. Smena 37 no 2 14-15 Ja '60

Under new conditions. Mekh. sil'. hosp. 11 no. 2:32 F '60.

Utilizing a machine-tractor depot on collective farms of the northwest S Fraer Ekon sel'khoz 31 no. 2:62-68 F '60

Utilizing a tractor depot on collective farms. I Altaiskii, V Zhurikov Ekon sel'khoz 31 no 1:77-80 Mr '60

Vinogradov, V. I., M. P. Sergeev, and N. E. Starostin. [Utilization of tractors and machinery] Ekspluatatsiia mashinno-traktornogo parka. 1 ed red. M P. Sergeeva Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 403 p.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Duties of machinery operators of collective farms. M. O. Kulyk, P. S. Kononenko. Mekh. sil'. hosp. 11 *no. 2 27 F '60.*

Methods of assigning work norms in repair shops. I. Pustovalov, V. Matveev. Tekh. v sel'khoz. 20 no. 2 87-91 F '60.

Payment for repair work on collective farms. N. Tyshchuk. Tekh. v sel'khoz. 20 no. 2:85-86 F '60.

Proper maintenance guarantees high productivity in machinery. F. P. Polupanov, A. K. Bolgar. Mekh. sil'-hosp. 11 no. 2:15-16 F '60.

Supply collective farms with a repair depot of their own. IU Novikov. Ekon. sel'khoz. 31 no. 3 107-109 Mr '60

Technology of machinery repair. L. M. Lel'chuk. Mekh. sil'. hosp. 11 no. 2:10-20 F '60.

Using capron for machinery repair. A. A. Lebedev. Mekh. sil'. hosp. 11 no. 2:7-8 F '60.

AGRICULTURAL MACHINERY—TESTING

Here they test machinery Ukraina no 6 3 Mr '60

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Lyubertsy

AGRICULTURAL MACHINERY INDUSTRY—PRODUCTION STANDARDS see subdivision under Rostov-on-Don

AGRICULTURAL METEOROLOGY see Meteorology, Agricultural

AGRICULTURAL POLICY

The agrarian program of the proletarian party as depicted in Lenin's works of the 1890's. IU. B. Gertman. Vest. Mosk un Ser. 9: Ist. nauki 15 no. 2.67-80 Mr-Ap '60.

Decisions of the December Plenum of the Central Committee of the CPSU comprise our work program. V. Matskevich. Ekon. sel'khoz. 31 no. 2:12-31 F '60.

Further advance of agriculture and cooperative societies Sov. potreb. koop. 4 no. 2:1-2 '60.

Important factor in solving the basic economic problem in the field of agriculture. V. Mashenkov. Sots. trud 5 no. 1.19-27 Ja '60.

Trade unions have an extensive sphere of action. Okhr. truda i sots. strakh. 3 no. 2 1-5 F '60.

V. I. Lenin on state procurement. P. Pirogov. Sov. potreb. koop. 4 no. 3:70-72 Mr '60.

AGRICULTURAL PRICES

Prices of collective farm produce. Sh. IA. Turetskii. Nauch. trudy MGEI no. 17:97-121 '59.

[illegible] Libya, Okinawa Island, Turkey

AIR BASES, BRITISH see subdivision under Maldive Islands

AIR COMPRESSORS
The K-500-61-1 compressor. M.S.Linkel'shtein, M.G. Nikolaichuk. Biul.tekh.-ekon.inform. no.3:35-37 '60.
Sokolovskii, S.M. [Angle compressors] Uglovye kompressory. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 80 p.

AIR CONDITIONING
Regulating the heating capacity of heaters in air conditioning systems. [illegible] Vod.i san.tekh. no.4: [illegible] Ap '60.

AIR CONDITIONING—EQUIPMENT AND SUPPLIES
"Azerbaijan" air conditioner. Zhil.-kom.khoz. 10 no.1: 35 '60.

AIR CURTAINS
Calculation of downward flow air curtains. [illegible] and others. Vod.i san.tekh. no.1:11-17 Ja '60.
Discussion on air curtains. M.P.Kalmunkin. Vod.i san.tekh. no.6:38-41 Je '60.
Selecting the type of air curtains. D.D.Stoler. Vod.i san.tekh. no.3:29-33 Mr '60.

AIR DEFENSES
Just like in battle. G.Ranfov. Sov.mor. 20 no.9:43 My '60.
Mikushenko, G.T. [The role of fire fighting units of the local air defense installations] Deistviia [illegible] protivopozharnoi zashchity mestnoi PVO. Moskva, Izd-vo DOSAAF, 1960. 60 p.
Why aren't the techniques of teaching antiaircraft defense being disseminated? K.Kiprian. Voen.znan. 36 no.6: 7 Je '60.

AIR ENGINES
Effect of the angle of rotation described by the spindle of a rotary expansion engine on the volume of interblade space. I.K.Kondrikov, V.N.[illegible]skii. Trudy LTIKhP 16:115-130 '57.

AIR FILTERS—TESTING
Evaluating the quality of dust in testing air cleaners. N.N. [illegible] Avt.prom. no.3:16-[illegible] Mr '60.

AIR FLOW
Effect of initial disturbances on the development of turbulent flow during the movement of air through pipes [with summary in English]. I.T.Shvets and others. Dop.AN URSR no.2:177-179 '60.
Parameters of a ventilation stream characterizing the removal of dust from the sloping faces of mines [with summary in English]. I.O.Ryzhenko. Dop.AN URSR no.1:32-35 '60.
Study of the relative flow rate of an air-suspended pulverized solid fuel and air under conditions of an experimental combustion chamber. A.P.Plotagin. Trudy KIE 11: 148-155 '59.

AIR GUNS
Fatal wound from an air gun. A.Rozmaric [from "[illegible] lekarstvi, 1958, c.3, 1, 107-109]. Sud.-med.ekspert. 2 no.2:47 Ap-Je '59.

AIR MAIL SERVICE
Development of air mail transportation is an important problem which faces postal communication workers. N.K.Amenlov. Vest.sviazi 20 no.3:21-23 Mr '60.

AIR PILOTS see subdivision under Latvia

AIR PILOTS—DISEASES AND HYGIENE
Set of exercises. I.Pishchugin. Grazhd.av. 17 no.2:33-34 F '60.

AIR PREHEATERS
Air-preheater shells made of rolled materials. P.Ta[illegible]rushkin, O.Shumitskii. Stroi.i arkhit. 8 no.6:4-5 Je '60.
Destruction of two air preheaters of a blast furnace during testing. B.I.Beliaev. Prom.stroi. 38 no.3: 39-44 '60.
Work of blast furnace air preheaters. I.A.Ivanov. Metallurg 5 no.3:5 Mr '60.

AIR PREHEATERS—CORROSION
Some results of studying the corrosion of air heaters in flue gases. IU.G.Dashkevich. Izv.vys.ucheb.zav.; energ. 3 no.4:91-99 Ap '60.

AIR TRAFFIC CONTROL
The sky, the sky... G.Borovik. Ogonek 38 no.5:12-14 Ja '60.

AIRFOILS
Airfoil of finite span and with a symmetric profile in subsonic and supersonic flow. E.A.Krasil'shchikova. Inzh.sbor. 27:30-37 '60.
Calculating bodies of revolution placed in a supersonic flow. I.M.Il'in'ev. Inzh.sbor. 27:38-44 '60.
Studying the flutter of a wing with an aileron. L.P.Streltsov, A.A.Kharlamov. Nauch.dokl.vys.shkoly; fiz.-mat.nauki no.3:130-135 '59.
[illegible] foil of finite span. A.D.[illegible] Prikl.mat.i mekh. 24 no.1:166-169 Ja-F '60.
Theory of simple and cruciform delta wings in a supersonic flow. [illegible] Inzh.sbor. 27:[illegible] '60.

AIRLINES see subdivision under [illegible] Kazakhstan, Kamchatka, Mongolia

AIRLINES—[illegible]
The sky, the sky... G.Borovik. Ogonek [illegible] Ja '60.

AIRPLANES
Foreign sport and training airplanes. V.[illegible] Kryl.rod. 11 no.3:28-29 Mr '60.

AIRPLANES—COLD WEATHER OPERATION see subdivision under Ufa

AIRPLANES—FLIGHT TESTING
Way towards new records. I.Novikov. Kryl.rod. 11 no.2:6-7 F '60.

AIRPLANES—MAINTENANCE AND REPAIR
Service dock for the Il-18. [illegible] Grazhd.av. 17 no.3:9 Mr '60.

AIRPLANES—MODELS
(see also subdivision under Germany, East; Moscow, Serpukhovo Station)
Automatic shift in the attack angle of an airplane model. Kryl.rod. 11 no.3:29 Mr '60.
Fuel for piston engines of airplane models. V.[illegible] Kryl.rod. 11 no.4:28-30 Ap '60.
Fuels for model airplane piston engines. V.[illegible] Kryl.rod. 11 no.3:[illegible]-26 Mr '60.
Master the theory of stability! P.Mikalunas. Kryl.rod. 11 no.3:22-23 Mr '60.
Plane models capable of lifting weight. Kryl.rod. 11 no.3:26 Mr '60.
Students compete. A.Vasil'ev. Kryl.rod. 11 no.4:26-27 Ap '60.
An-10 passenger plane. Kryl.rod. 11 no.3:24 Mr '60.
Three thousand three hundred and fifty records in pilot competed for the individual championship. Kryl.rod. 11 no.2:27-28 F '60.

AIRPLANES—MODELS—RADIO CONTROL
Single-control radio receiver for flying airplane models. Sh.[illegible] Kryl.rod. 11 no.3:27 Mr '60.

AIRPLANES—RADIO EQUIPMENT
Stand for checking radio equipment. I.Degtin. Grazhd.av. 17 no.3:11 Mr '60.

AIRPLANES—REFUELING
Refueling trailer. O.Miroshnichenko, V.[illegible] Grazhd.av. 17 no.2:28-30 F '60.

AIRPLANES—TESTING
Use of high speed cinematography with a pulse light source in the investigation of the [illegible] and stability of rotating parts of airplanes. A.[illegible] [illegible] 6:201 '59.

AIRPORTS see subdivision under Moscow; Tashkent

AIRPORTS—EQUIPMENT AND SUPPLIES
Device for towing airplanes into hangars. I.[illegible] Grazhd.av. 17 no.3:13 Mr '60.

AKHALI-AFONI REGION—GEOLOGY, STRUCTURAL
Tectonic structure of the region around Akhali Afoni. M.N.Eristavi. Izv.AN Gruz.SSR 23 no.6:681-686 D '59.

AKHTYRKA—AMATEUR THEATRICALS
Theater of amateur actors. IA.Matiianenko. [illegible] 11 no.4:25 [illegible] '60.

AKHVERDOV, ABDURAGIM, 1870-1933
Exposure of social and political reaction in A.P.Chekhov's and A.Akhverdov's prose. Kh.Agalarova. Izv.AN Azerb. SSR.Ser.obshchestv.nauk no.1:79-88 '60.

AKTASH REGION (TATAR A.S.S.R.)—BRACHIOPODA, FOSSIL
Middle Carboniferous Lingula of Tatarstan. R.F.[illegible] Trudy VNIGRI no.10:125-131 '60.

AKTYUBINSK ECONOMIC REGION—ELECTRIC POWER DISTRIBUTION
Discover and utilize additional potentials. A.[illegible] Nar.khoz.Kazakh. 18 no.3:51-53 Mr '60.

AKTYUBINSK PROVINCE—FARM MECHANIZATION
We shall have permanent machinery operators. [illegible] Part.zhizn' Kazakh. 30 no.3:53-61 Mr '60.

AKTYUBINSK PROVINCE—SEISMIC PROSPECTING
Some characteristics of materials obtained by the use of the controlled directional sensitivity method in the Aktyubinsk area of the Ural Mountain region. L.A. Riabinkin, V.V.Znamenskii. Trudy MINKhiGP no.[illegible] 67-83 '60.

[illegible] profile in the [illegible] A.Rakhm[illegible] [illegible]
[illegible] method of [illegible] of the Ural [illegible]

ALA-TAU, ZAILIISKIY see Trans-Ili Ala-Tau

ALABIAN, K.S., [illegible]
[illegible]

ALAGEZ, MOUNT see Aragats, Mount

[illegible]
[illegible]
[illegible]

[illegible] see [illegible] region

ALAZANI VALLEY—ATMOSPHERIC TEMPERATURE
[illegible] of the Alazani Valley [illegible]

ALBANIA—DESCRIPTION AND TRAVEL
[illegible] Miroslav [illegible] Mr '60.

ALBANIA—[illegible]
[illegible] Albanian People's Republic, [illegible]

ALBANIA—[illegible]
[illegible]

ALBANIA—[illegible]
[illegible] A.N.Aleksan[illegible] '60.

ALBEDO
Mean daily values of the albedo of the sea. N.P.Ter-Markariants. Trudy GGO no.1[illegible] '60.

ALCOHOL
[illegible] D.M. [illegible]
[illegible] Zoldov. [illegible]
[illegible]
[illegible] Reviewed by A.N. [illegible]

ALCOHOL—ANALYSIS
[illegible] material, [illegible] 2 no.2:10-11 Ap-Je '59.

ALCOHOL—PHYSIOLOGICAL EFFECT
[illegible]

ALCOHOL, DENATURED see Ethyl alcohol

ALCOHOLISM
[illegible] Med.[illegible]
[illegible]
[illegible] Alcoholic [illegible] Mr '60.

ALCOHOLISM AND [illegible]
Mendelson, C.A., and [illegible] [Alcoholism and [illegible]] [illegible] 1959. 135 p.

ALCOHOLS
Composition of [illegible] P.A.Moshkin, [illegible] Masl.-zhir.prom. 26 no.6:30-33 Je '60.
Compressibility of aqueous solutions of [illegible] V.V.Tarasov. Izv.vys.ucheb.zav.; khim.i khim.tekh. 3 no.1:[illegible] '60.

ALCOHOLS—ANALYSIS
Nitrogen [illegible] Izv.vys.ucheb.zav.; [illegible] '60.

ALDAN VALLEY—GEOLOGY, STRATIGRAPHIC

Recent materials on Neogene deposits of central Yakutia, the problem of Mount Mamontova R A. Bidzhiev, M N Iaraviev Vest Mosk un Ser biol ,pochv., geol., geog 14 no 4 117-124 '59

ALDEHYDE OXIDASE

Effect of protein deficiency on the activity of xanthine oxidase and aldehyde oxidase in tissues of healthy and tumorous rats [with summary in English] V P Korot-Jurachko, T M Pechenova Ukr biokhim zhur 32 no.3 346-357 '60.

ALDER

(see also subdivision under White Russia)

Interesting case of an oak and an alder trunk growing together. K.O.Hryn'. Ukr.bot.zhur. 17 no.1 86-88 '60.

Mushrooms in alder woods of the Vorskla Valley, Poltava Province R V Ganzha Bot zhur 45 no 2 283-287 F '60

ALEKSANDRIYA—OZOCERITE

An ozocerite plant H. Komliev, IU Ovsiienko Ukraina no 6 3 Mr '60

ALEKSANDROVKA DISTRICT—LIBRARIES, RURAL

For the convenience of our readers. I. Biliostots'kyi. Sots.kul't. 13 no.3:32-33 Mr '60.

ALEKSEEV, NIKOLAI ALEKSANDROVICH, 1874-

London, 1902. Ogonek 38 no.11:16 Mr '60.

ALEKSEYEVKA DISTRICT (BELGOROD PROVINCE)—NEWSPAPER AND PERIODICAL CIRCULATION

Collective-farm workers' craving for knowledge grows I Ovcharenko. Raspr. pech no. 3 6 Mr '60.

ALEXANDER THE GREAT (ROMANCES, ETC)

Kursk manuscript of the "Tale of Alexander the Great " U V Anichenka. Vestsi AN BSSR Ser hram nav no 1 116-121 '60

ALFALFA

(see also subdivision under Kazakhstan; Uzbekistan)

Germination of seeds on the parental plant in Medicago lupulina L. G.P Ovchinnikov. Bot.zhur. 45 no. 3:413 Mr '60.

ALGAE

(see also subdivision under Black Sea; Uzbekistan, White Russia)

Studying photoreduction in cells of Scenedesmus obliquus by the use of C^{14} and O^{18} [with summary in English]. M.V. Ulubekova. Fiziol. rast. 7 no.3:296-299 '60.

ALGAE, FOSSIL see subdivision under Koltuban region; Maya Valley; Uchur Valley

ALGEBRA—GRAPHIC METHODS

Nomographic solutions of equations of the fourth and fifth degree. D.E. Levit. Inzh.sbor. 27:203-206 '60.

ALGEBRA, ABSTRACT

Algebras freely generated by finite amalgams. V. E. Govrov. Mat.sbor. 50 no.2:241-246 F '60.

ALGEBRAIC GEOMETRY see Geometry, Algebraic

ALGERIA—POLITICS AND GOVERNMENT

In the mountains of Algeria; French soldiers speak. Mol. mira no.1:4 '60.

The talks in Melun. Nov.vrem. 18 no.27:20 Jl '60.

They say "no." Paul Bernard. Mol.mira no.7:20 '59.

ALIAB'EV, ALEKSANDR ALEKSANDROVICH, 1787-1851

A.A. Aliab'ev's arrangement of Ukrainian folk songs. B.M. Fil'ts. Nar.tvorch.ta etn. 3 no.4:62-68 O-D '59.

ALIMONY

Let's clarify this problem. I. Popov, N. Lutsev. Sov. iust. no.2:46 F '60.

ALKALI

Effect of free fatty acids, of excess alkali and alkali electrolytes on the solubilization of hydrocarbons in soap solutions. P. A. Demchenko. Masl.-zhir.prom. 26 no 6 27-29 Je '60.

ALKALI HYDROXIDE

Reduction and carbonization of a mixture of alkali metals for producing sodium and potassium carbonates and alkali hydroxides [in Azerbaijani with summary in Russian]. I. L. Bagbanly, F. IU. Mirbabaeva. Azerb. khim. zhur. no.2:111-121 '59.

ALKALI METAL FLUORIDES

Quaternary system consisting of lithium, sodium, potassium and calcium fluorides. G.A. Bukhalova, V.T. Berezhnaia. Zhur.neorg.khim. 5 no.2:456-468 F '60.

ALKALI METAL HALIDES

Effect of alkali metal halides on the rate of hydrogenation of allyl alcohol. G.D. Zakumbaeva, D.V. Sokol'skii. Trudy Inst.khim.nauk AN Kazakh.SSR 5:9-14 '59.

Physical properties of solid solutions of alkali halide compounds, and the molecular concentration A A Vorob'ev and others Izv vys ucheb zav ,fiz no 6 162-165 '59

ALKALI METALS

Effect of alkali metal cations on the composition and stability of $[Tl(CNS)_n]^{1-n}$ ions F IA. Kul'ba, V E Mironov. Zhur neorg khim. 5 no.2 287-291 F '60.

Geochemical relations of Li, Na, K, Rb, and Tl in alkaline magmas and their petrogenetic significance [with summary in English]. B. I. Zlobin, V. I. Lebedev. Geokhimiia no.2:87-103 '60

Reduction and carbonization of a mixture of alkali metals for producing sodium and potassium carbonates and alkali hydroxides [in Azerbaijani with summary in Russian]. I. L. Bagbanly, F. IU Mirbabaeva. Azerb khim. zhur no 2,111-121 '59

Vsesoiuznoe soveshchanie po khimii, tekhnologii i analiticheskoi khimii redkikh shchelochnykh elementov. 1st, 1958, Novosibirsk. [Rare alkali elements; collected papers given at the Conference on the Chemistry, Technology, and Analytical Chemistry of Rare Alkali Elements, Jan. 27-31, 1960] Redkie shchelochnye elementy, sbornik dokladov soveshchaniia po khimii, tekhnologii i analiticheskoi khimii redkikh shchelochnykh elementov 27-31 ianvaria 1958 g. Novosibirsk, Izd-vo Sibirskogo otd-nia AN SSSR, 1960. 99 p.

ALKALI SOILS see subdivision under Russia, Northwestern

ALKALINE EARTH COMPOUNDS

Ethylenediaminotetraacetate complexes of alkaline earth metals, as studied by means of ion exchange. N.N. Matorina, N.D. Safonova. Zhur neorg.khim 5 no.2: 313-320 F '60.

ALKALOIDS

Alkaloids from Linaria popovii Kuprian. S.IU. IUnusov, Z.F. Ismailov. Dokl AN Uz.SSR no.11,25-27 '56

Duration of the separate phases of the cardiac cycle and the magnitude of the systolic and minute volume of the heart in tachycardia caused by the administration of atropine, adrenaline, and caffeine. V.K. Serkova. Vrach.delo no.2:133-135 F '60.

Oxalate method of determining alkaloids in ephedra with the use of permanganatometry M.I Goriaev and others. Zhur prikl khim. 33 no 3 748-750 Mr '60.

Quantitative determination of the alkaloids in the Thermopsis herb. M.P. Granaturov, N.A. Dmitrenko. Apt. delo 9 no.2,48-49 Mr-Ap '60.

Quantitative ion exchange determination of alkaloids. F. Viorica, E. Demetrescu. Apt.delo 9 no.2,77-86 Mr-Ap '60.

Separation of alkaloid mixtures by means of chromatographic adsorption on silicic acid. Report No. 2 [with summary in English]. L.G. Andreeva. Apt.delo 9 no.1:51-55 Ja-F '60.

ALKALOIDS—TOXICOLOGY

Histopathology of the brain and of some internal organs in Heliotropium toxicosis (toxic hepatitis with ascites) and its pathogenesis. K.IU. Usmanov. Med.zhur.Uzb. no.11:59-64 N '58.

ALKANES see Paraffins

ALKHALKALAKI REGION—HORSES, FOSSIL

Unusual fossil horse from the Pleistocene of Alkhalkalaki (southern Georgia) A.K. Vekua Dokl. AN SSSR 132 no 6 1417-1420 Je '60.

ALKYLATION

Alkylation of benzene and some of its homologs by 1,1'-ethylene-bis-cyclopentanol diacetate in the presence of anhydrous $AlCl_3$. R. M. Lagidze, A. I. Dvalishvili. Soob. AN Gruz.SSR 23 no.6:663-670 D '59.

Alkylation of 4-bromoanisole by propylene, pseudobutylene, and cyclohexene in the presence of BF_3 H_3PO_4 V. G. Kriuchkova, S V. Zavgorodnii. Zhur. ob khim. 30 no 6 1929-1932 Je '60

Alkylation of phosphorus diiodide. E. S. Levchenko, IU.V. Piven', A. V. Kirsanov Zhur ob khim 30 no 6 1976-1981 Je '60

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist party of the Soviet Union

ALLEG CASE

The case of Henri Alleg. Nov. vrem. 18 no.26:20 Je '60.

ALLERGY

Significance of allergy in the pathogenesis of chronic tonsillitis. D. A. Pigulevskii. Vest. AMN SSSR 15 no.1,44-52 '60.

ALLIARIA

Case of abnormal flowers in Alliaria officinalis Andrz. and its importance for understanding the morphological structure of fruit of the Cruciferae. V.E. Avetisian. Izv. AN Arm.SSR.Biol.nauki 12 no.12:95-99 D '59.

ALLOYS

Deriving and solving a differential equation describing the transfer of matter in the course of electrodiffusion in metallic alloys L. P. Kholpanov, S. I. Drakin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:14-19 '60.

Grum-Grzhimailo, N. V. [Chemical bonds in metallic alloys] Khimicheskie sviazi v metallicheskikh splavakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 106 p.

Some characteristics of the crystallization of eutectic-type alloys cooled very rapidly I V. Salli, I S. Miroshnichenko Dokl AN SSSR 132 no 6 1364-1367 Je '60

Structural changes in some magnetic alloys, as studied by the method of true heat capacity. IU D. Tret'iakov, K.G. Khomiakov Zhur neorg khim 5 no.2:410-414 F '60.

ALLOYS—ANALYSIS

Rapid method of determining iron in alloys R B. Golubtsova. Trudy Inst met no 5 193-195 '60

ALLOYS—ELECTRIC PROPERTIES

Alloys for high temperature heat-sensing elements. O. P. Eliutin. Sbor.trud.TSNIICHM no.22:205-225 '59.

Alloys with high ohmic resistance for the manufacture of strain gauges. O. P. Eliutin. Sbor.trud.TSNIICHM no.22:183-201 '59.

Characteristics of the K-state in alloys. I. L. Aptekar'. Sbor.trud.TSNIICHM no.22:177-182 '59.

Effect of deuteron bombardment on the electric resistance of ordered and aging alloys. M. A. Artsishevskii and others. Sbor.trud.TSNIICHM no.22:168-176 '59.

Instrument for measuring the electric resistance of alloys at high temperatures V. P. Eliutin and others. Zav lab. 26 no 3 344-346 '60.

Method of rapid alloy testing for electric heating elements. N.V. Semenova, L. L. Zhukov. Sbor.trud.TSNIICHM no.22:150-159 '59.

ALLOYS—MAGNETIC PROPERTIES

"Nonmagnetic" alloys in the Institute of Precision Alloys. D.I. Gabrielian. Sbor.trud.TSNIICHM no.22:5-9 '59.

ALLOYS—METALLOGRAPHY

Dependence of hardness on the composition of multiphase alloys. V.P. Shishokin, A.E. Nikerov. Fiz.met i metalloved. 8 no.6 934-938 D '59.

Mechanism of the occurrence of internal friction impurities peak. V.T. Shmatov, A.V. Grin'. Fiz.met. i metalloved. 8 no.6 829-833 D '59

Nonuniformity of concentration in solid solutions near the solidus temperature. G.M. Kuznetsov, M.V. Pikunov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.3:44-47 My-Je '60.

Nonuniformity of concentrations experimentally revealed in solids. V.I. Arkharov. Fiz.met.i metalloved. 8 no.6:861-866 D '59.

ALLOYS—TESTING

Ballistic measurements for metal testing of magnetically hard alloys. B.V. Gotling. Izv.vys.ucheb.zav., chern. met. no.5:181-186 '60.

ALLUVIUM see subdivision under Ob' Valley; Terek Valley

ALLYL ALCOHOL

Effect of alkali metal halides on the rate of hydrogenation of allyl alcohol. G.D. Zakumbaeva, D.V. Sokol'skii. Trudy Inst.khim.nauk AN Kazakh.SSR 5:9-14 '59.

Hydrogenation of allyl alcohol on Ni-ZnO catalysts. N. M. Popova, D.V. Sokol'skii. Trudy Inst.khim.nauk AN Kazakh.SSR 5.20-27 '59.

ALMA-ATA—BOTANICAL GARDENS

Botanical garden during the past 25 years. V.I. Rubanik. Trudy Alma-At bot sada 5:3-10 '60

ALMA-ATA—BOTANY—EXHIBITIONS

Organizing expositions of vegetation zones at the Alma-Ata Botanical Garden. V.G. Rubanik, A.A. Kadochnikova. Trudy Alma-At.bot.sada 5:20-34 '60.

ALMA-ATA—BULBS

Some ornamental bulb plants of the native flora. M.K. Chaban. Trudy Alma-At.bot.sada 5 110-117 '60.

ALMA-ATA—DAHLIAS—VARIETIES

Color variation of the inflorescence in dahlias reproduced by seed. Z.A. Klimovskaia, I N. Skopina Trudy Alma-At.bot.sada 5:121-131 '60.

ALMA-ATA—FLORICULTURE

Some problems in the production of flower seeds. K.L. Sushkov, Z.A. Klimovskaia Trudy Alma-At.bot.sada 5:97-109 '60.

ALMA-ATA—FLOWERS

Transpiration of some flowering plants at the Alma-Ata Botanical Garden. O.V. Troitskaia, T.V. Shul'kina. Trudy Alma-At.bot.sada 5:157-160 '60.

ALMA-ATA—GARLIC

Biology of flowering in some onion species. S.I. TSitsina. Trudy Alma-At.bot.sada 5:151-156 '60.

ALMA-ATA—GRASSES

Some results of testing perennial lawn grasses. N.I. Fadeeva. Trudy Alma-At.bot.sada 5 132-150 '60.

Produce more household goods S. D'iakov, M. Shuplova Nar. khoz Kazakh 18 no 3 85-88 Mr '60.

ALMA-ATA—METALLURGY—HYGIENIC ASPECTS
Everything depends on people A. Zharov Okhr truda i sots strakh 3 no 4 37-38 Ap '60

ALMA-ATA—ONIONS
Biology of flowering in some onion species. S I TSitsina Trudy Alma-At bot sada 5 151-156 '60

ALMA-ATA—PLANT INTRODUCTION
Notes on the expedition to the Far East. S. S Kadochnikova Trudy Alma-At. bot. sada 5 179-182 '60

ALMA-ATA—PRECIPITATION (METEOROLOGY)
The regime of atmospheric precipitation in Alma-Ata Z. D. Klykova Trudy KazNIGMI no 11 30-39 '59

ALMA-ATA—PRETZELS
Improvement of the DZB-3 dividing and rolling pretzel machine. Khleb. i kond. prom. 4 no. 3 46 Mr '60.

ALMA-ATA—RESEARCH, INDUSTRIAL
Increase the effectiveness of the work of scientific research institutions S Shamaeva Nar khoz Kazakh 18 no 3 73-75 Mr '60

ALMA-ATA—SPIRAEA
Cultivation of Spiraea in the Alma-Ata Botanical Garden. A. F Mel'nik Trudy Alma-At bot sada 5 35-46 '60

ALMA-ATA—TEXTILE INDUSTRY
Champions of socialist competition. I. Akhmetov. Tekst. prom 20 no. 2,98 F '60

ALMA-ATA—TULIPS—VARIETIES
Producing new tulip varieties. M K. Chaban. Trudy Alma-At bot sada 5 118-120 '60

ALMA-ATA PROVINCE—RADIO CLUBS
This is no way to work A. Mstislavskii. Radio no 3: 13-14 Mr '60.

ALMALYK REGION—ORE DEPOSITS
Depositional conditions, mineralogical and geochemical characteristics of the Nakpay ore deposit (Almalyk region). M. I. Ismailov. Uzb geol. zhur. no 6 23-31 '59.

ALMETYEVO—INTESTINES—OBSTRUCTIONS
Acute intestinal obstruction as revealed by data from the Almetyevo City Hospital of the Tatar A. S. S. R. M I. Mavrin. Kaz. med. zhur. 41 no. 1:81-82 Ja-F '60

ALMOND
Preparation of Amygdala amara aqua [with summary in English]. A. G. Liukshenkov, A. I. Artum'ev. Apt. delo 9 no. 2 31-40 Mr-Ap '60.

ALOE
Use of aloe extract in fractures of the long bones. N. M. Shamatov. Med. zhur. Uzb. no. 11:34-12 N '58.
Use of aloe in inflammatory forms of paradontosis. M. M. Kiseleva. Probl. stom. 4:283-284 '58.

ALPHA RAYS—MEASUREMENT
On the problem of α-dosimetry in marginal region of heterologous media. G. A. Volkov, G. R. Rik. Biofizika 5 no. 1:60-68 '60.

ALSIKE CLOVER
Ecology and morphology of Trifolium hybridum L. V. N. Golubev. Bot. zhur. 45 no. 3 410-413 Mr '60.

ALTAI MOUNTAINS—CEDAR
Chivilikhin, Vladimir. [Rustle, taiga, rustle] Shumi, taiga, shumi! Moskva, Izd-vo "Pravda," 1960. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 6)

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Cambrian-Ordovician and Ordovician in the Gornyy Altai V. M Sennikov, M K Vinkman, A N Kononov Trudy SNIIGGIMS no 5 51-66 '59
New data on the lower Paleozoic stratigraphy of the Gornyy Altai. IU. S. Perfil'ev. Izv. vys. ucheb. zav., geol. i razv. 2 no. 11:20-30 N '59
Stratigraphy of Proterozoic, Sinian, and Cambrian sediments in the Gornyy Altai M K Vinkman. Trudy SNIIGGIMS no. 5:4-50 '59

ALTAI MOUNTAINS—PYRITES
Ways for the effective use of pyrite concentrates of complex and copper pyrite ores of the Rudnyy Altai. N. Satybaldin. Vest. AN Kazakh. SSR 16 no. 3:3-10 Mr '60.

ALTAI MOUNTAINS—ROCKS, CARBONATE
Continuous carbonate section of the Lena stage of the lower Cambrian in the Altai-Sayan mountain country and its paleontological characteristics I. T. Zhuravleva, L. N. Repina, V. V. Khomentovskii. Dokl. AN SSSR 132 no 5 1160-1162 Je '60.

ALTAI TERRITORY—BONUS SYSTEM
Applying an hourly bonus wage system at Altai machinery manufacturing plants. E. IArin. Biul. nauch. inform.: trud i zar. plata 3 no. 1:37-41 '60.

Reducing grain processing costs after the harvesting. A. Platonov Ekon sel'khoz 31 no 2 111-113 F '60

ALTAI TERRITORY—MACHINERY INDUSTRY
Applying an hourly bonus wage system at Altai machinery manufacturing plants. E. IArin Biul. nauch. inform. trud i zar. plata 3 no 1 37-41 '60

ALTAI TERRITORY—MACHINERY INDUSTRY—PRODUCTION STANDARDS
The bonus system should be operational. E. IArin Sots. trud 5 no. 3 123 Mr '60

ALTAI TERRITORY—SOILS
Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Soils of the Altai Territory] Pochvy Altaiskogo kraia. Moskva, 1959. 380 p.

ALTERNATING CURRENTS see Electric currents, Alternating

AL'TGAUZEN, ARON IAKOVLEVICH, 1890-1960
In memory of Aron IAkovlevich Al'tgauzen. Lab delo 6 no 2 62 Mr-Ap '60.

ALUMINA
Chemisorption of hydrogen on aluminosilicates and aluminum and silicon oxides K. V Topchieva, I F Moskovskaia Vest Mosk un Ser 2 Khim 15 no 2 22-27 Mr-Ap '60
Effect of admixtures of γ-alumina and corundum on the rate of decomposition of aluminate solutions S I Kuznetsov, V A Dereviankin, O K Shabalina Zhur prikl khim 33 no 3 547-552 Mr '60.
Effect of preparation methods on the porous structure of silica-alumina gel absorbers. A. V. Kiselev, IU S Nikitin Khim. i tekh. topl i masel 5 no. 3 35-42 Mr '60
Solubility in the ternary system $Al_2O_3 - P_2O_5 - H_2O$. V. N. Sveshnikova. Zhur. neorg. khim. 5 no. 2 477-480 F '60.

ALUMINATES
Effect of admixtures of γ-alumina and corundum on the rate of decomposition of aluminate solutions S I Kuznetsov, V A Dereviankin, O K Shabalina Zhur prikl. khim 33 no 3 547-552 Mr '60.
New cyclone wetted-wall evaporator used for concentrating aluminate solutions by boiling N. P. Kuz'min. Khim. mash no 2 1-4 Mr-Ap '60.

ALUMINUM
Coppering aluminum by contact reduction N S TSvetkov, O S Zarechniuk Zhur prikl. khim 33 no 3 636-644 Mr '60.
Deformation of large-size aluminum ingots by rolling. I. I. Ivanov, A. I. Kolpashnikov. Trudy MATI no. 44:5-12 '60.
Edel'man, A. S., and A. S. Fridman. [Aluminum in the production of cables] Aliuminii v kabel'noi tekhnike. Moskva, Gos. energ. izd-vo, 1960. 95 p.
Some reactions of triphenylaluminum. G A Razuvaev, E V. Mitrofanova, G G Petukhov Zhur ob khim 30 no 6 1996-2002 Je '60
Titanium aluminim ratio in sedimentary rocks [with summary in English]. A. A. Migdisov. Geokhimiia no. 2: 149-163 '60.
Use of aluminum in communication lines V. I. Bart. Avtom., telem i sviaz' 4 no. 3 16-17 Mr '60

ALUMINUM—ANALYSIS
Arsenate method for the iodometric determination of aluminum and iron present simultaneously. G. B. Shakhtakhtinskii, I. A. Mamedov. Azerb. khim. zhur no. 1,45-51 '59.
Determining aluminum in tellurium by means of an anionite. N. P. Strel'nikova, V. N. Pavlova. Zav. lab. 26 no. 4:425-426 '60.
Trilonometric determination of alumimun in polyaluminoorganosiloxane resins. IA. I. Chulkov. Zav. lab. 26 no. 4,429-430 '60.

ALUMINUM—CORROSION
Corrosion resistance of kitchenware made of aluminum and its secondary alloys during food cooking and storage. V. G. Zaitsev, N. N. Kurnakov. Sbor. nauch. rab. INKH no. 16:36-39 '59.

ALUMINUM—METALLOGRAPHY
Determining the orientation of aluminum single crystals by etching. D. I. Lainer, R. L. Petrusevich, E. S. Sollertinskaia Zav. lab 26 no 3:305-306 '60

ALUMINUM ALLOYS
Drits, M. E., and I. N. Fridliander. [Aluminum-base alloys; their applications and prospects of use in the economy] Splavy na osnove aliuminiia; primenenie i perspektivy ispol'zovaniia ikh v narodnom khoziaistve. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1959. 57 p.
Industrial processes in the production of aluminum alloy sheets. A. I. Kolpashnikov, V. D. Korolev. Trudy MATI no. 44:39-46 '60.

D16 and AB alloys. S. N. Tarantov. Trudy MATI no. 44: 13-18 '60.
Kirsanov, N. M. [Using aluminum alloys in construction, resumé of a lecture] Primenenie aliuminievykh splavov v stroitel'stve, konspekt lektsii. Voronezh, Izd-vo Voronezhskogo univ., 1960. 55 p.

ALUMINUM ALLOYS—METALLOGRAPHY
Intercrystalline strength of aluminum alloys subjected to welding. M. P. Bochai. Izv vys ucheb. zav., mashinostr no. 7,80-83 '59

ALUMINUM ALLOYS—THERMAL PROPERTIES
Investigating the radiating properties of aluminum alloys in the near infrared region of the spectrum. A. A. Poskachei, D. IA. Svet. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:86-91 My-Je '60.

ALUMINUM COMPOUNDS
Composition of microlite and of the metallic compound NiAl V P Eliutin and others Zhur prikl khim 33 no 3 559-563 Mr '60.
Effect of the dispersity of $CuAl_2$ inclusions on the temperature-rate dependence of the mechanical properties of duralumin K V Savitskii, M P Zagrebennikova Izv vys. ucheb zav., fiz. no 6 11-20 '59
Infrared absorption spectra of polyaluminoorganosiloxanes and polytitanoorganosiloxanes K. A. Andrianov, N P. Gashnikova, Z. Z. Asnovich. Izv. AN SSSR Otd. khim. nauk no 5:857-862 My '60
Structure of some products resulting from the interaction between aluminum alkyls and derivatives of titanium (IV) A K Zefirova, N N Tikhomirova, A E Shilov Dokl AN SSSR 132 no 5 1082-1085 Je '60
Symmetrization of alkylaluminum sesquihalides into dialkylaluminum halides in the presence of sodium salts L I Zakharkin, I M Khorlina Zhur ob khim 30 no 6 1926-1929 Je '60

ALUMINUM-COPPER ALLOYS—COLD WORKING
Effect of cold deformation on the properties of aluminum-copper and aluminum-copper-magnesium alloys under various conditions of aging. Z. A. Sviderskaia, A A. Vashchenko Trudy Inst met. no. 5 95-99 '60.

ALUMINUM HALIDE
Chemical reactions of aluminum monohalides in vapors S A. Semenkovich Zhur prikl khim. 33 no 3 552-559 Mr '60.

ALUMINUM INDUSTRY
(see also subdivision under Kazakhstan)
Development of the Soviet aluminum industry. G. A. Vvedenskii. Vest. Inst. po izuch. SSSR no. 4,46-57 O-D '59.

ALUMINUM LITHIUM HYDRIDE
Synthesis of lithium aluminum hydride. K. N. Semenenko, N. IA. Turova, R. N. Uzavbaeva. Zhur. neorg. khim. 5 no. 2:500 F '60.

ALUMINUM-MAGNESIUM ALLOYS
Workability of alloys in the aluminum - magnesium system. N. N. Bobrov. Trudy MATI no. 44:47-53 '60.

ALUMINUM-NEODYMIUM ALLOYS
Neodymium and its alloys with aluminum. E. M. Savitskii, E. S. Stepanov, V. F. Terekhova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:73-78 My-Je '60.

ALUMINUM ORGANIC COMPOUNDS
Trilonometric determination of alumimun in polyaluminoorganosiloxane resins. IA. I. Chulkov. Zav. lab. 26 no. 4:429-430 '60.

ALUMINUM OXIDE
Sublimation of molybdenum oxide from aluminum-molybdenum catalysts. IA R. Katsobashvili, N. S Kurkova, E. A. Levitskii. Zhur prikl. khim. 33 no. 3 734-736 Mr '60.

ALUMINUM SILICATES
Chemisorption of hydrogen on aluminosilicates and aluminum and silicon oxides K. V. Topchieva, I. F. Moskovskaia. Vest Mosk. un. Ser 2 Khim 15 no 2 22-27 Mr-Ap '60.
Effect of the chemical composition, the pH of the synthesis medium, and the nature of the initial sols on the activity of aluminosilicate catalysts. V. E. Smirnova, K. V. Topchieva, Z. G. Zul'fugarov. Azerb. khim. zhur. no. 1;83-95 '59.
Effect of the size of pore radii and other structural characteristics of oxide catalysts upon the parameters of the course of heterogeneous catalytic processes. K. V. Topchieva, T. V. Antipina, Li Ho-sulan. Vest. Mosk. un. Ser. 2: Khim. 15 no. 2.13-21 Mr-Ap '60.
Effect of the specific surface of a platinized aluminosilicate on the degree of n-nonane conversion. Report No. 1: Change in the activity of platinized aluminosilicate in the course of the treatment of the carrier with hydrogen. Kh. M. Minachev, N. I. Shuikin, M. A. Markov. Izv. AN SSSR Otd. khim. nauk no. 5 907-912 My '60.
Interaction between vitreous lithium aluminosilicates and water IU A Shmidt Zhur. prikl khim 33 no 3 536-540 Mr '60.

Physicochemical study of the system $K_2SO_4 - Cs_2SO_4 - Al_2(SO_4)_3 - H_2O$ at 50°. L. A. Khripin, I. N Lepeshkov. Zhur. neorg. khim 5 no 2:481-493 F '60.

ALUMINUM-ZINC ALLOYS—METALLOGRAPHY

Superplasticity of eutectoid aluminum-zinc alloys. A. A. Presniakov, V. V. Chervlakova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3 92-98 My-Je '60.

ALUMINUM-ZINC-CALCIUM ALLOYS

Use of aluminum-zinc-calcium protectors against the corrosion of marine vessels [with summary in English] I. M. Frantsevych, IE. L. Pechentkovs'kyi. Dop. AN URSR no 1:36-39 '60.

ALYANDE

Polarographic examination of raddeanine, raddeamine, and alamine E Kh Timbekov, R Sh IAmatova, A S Sadykov. Zhur prikl khim 33 no. 3 751-752 Mr '60.

AMATEUR ART ACTIVITIES see subdivision under Belaya Tserkov District, Chelyabinsk; Nikolaev Province, Svatovo District, Ukraine, Vienna, White Russia

AMATEUR RADIO STATIONS

CQ SB Radio no. 3:36 Mr '60.

AMATEUR THEATRICALS

(see also subdivision under Akhtyrka, Dnepropetrovsk, Gor'kiy, Nikol'skoye, Ukraine)

Difficulties of growth. L. Zaslavskaia. Kul't.-pros. rab. 21 no 3:42-45 Mr '60.

[illegible]day of talent. Sov. voin 42 no. 8:26-27 Ap '60.

People will think it over M Korbina, M. Sidorina Teatr 21 no 3 120-124 Mr '60

People's theaters Klub 9 no 1 19 Ja '60

Propaganda brigade steps forward. Klub 9 no. 3:30-31 Mr '60.

[The stage] Estrada. Moskva, Izd-vo "Sovetskaia Rossiia." (Bibliotechka Khudozhestvennaia samodeiatel'nost', nos. 11-13)
No. 1. 1960. 175 p.
No. 2. 1960. 159 p.
no. 3. 1960. 156 p.

AMBER see subdivision under Kaliningrad Province

AMBROSII, PARASKA, 1910-

Poetic work of Paraska Ambrosii. H. I. Sinchenko. Nar. tvorch. ta etn. 3 no. 4:42-48 O-D '59.

AMBROSIUS, SAINT, BISHOP OF MILAN

New editing of the "Life of Ambrosius Mediolaniensis" in Georgian script. R. S. Miminoshvili. Soob. AN Gruz. SSR 23 no. 6 753-757 D '59.

AMERICA—ETHNOLOGY

"The peoples of America" Vols. 1 and 2. Reviewed by S. I. Bruk [in English]. Vest. ist. mir. kul't. no. 1: 139-143 Ja-F '60.

AMERICA—HAMSTERS

Geographical distribution of hamsters (Cricetinae) and some problems in the zoogeography of the New World S. N. Vorontsov Biul. MOIP. Otd biol 64 no 5 137-149 S-O '59

AMERICAN LITERATURE—BIBLIOGRAPHY see Bibliography—American literature

AMERICAN LITERATURE—HISTORY AND CRITICISM

"Harper's Magazine" and realistic literature. Inostr. lit. no. 2:219-222 F '60.

Perspectives open up; a literary critic's notes. El. Romanova. Inostr. lit. no. 1·203-207 Ja '60.

AMIDES

Aryl amides of aliphatic amino acids Part 2 Aryl amides of glycine and glycylglycine T S Safonova, S I. Sergievskaia Zhur ob khim. 30 no. 6 1848-1855 Je '60

Conjugated systems Part 119· Course of the electrophilic addition to unsymmetrical dienes Action of benzosulfodibromoamide on alcohol solutions of divinylacetylene and its homologs A. A Petrov, IU I. Porfir'eva. Zhur ob. khim 30 no. 6 1818-1823 Je '60.

New spinning machines for the manufacture of polyamide fibers. H. Welter. Khim. volok. no. 1:13-17 '60.

Phenylamides of N-dianilidophosphinylareniminosulfonic acids E S Levchenko, I. E Sheinkman, A V. Kirsanov. Zhur ob khim 30 no 6:1941-1946 Je '60.

AMIDINES

Studying the effect of N-phenylbenzamidine, N-phenyl-2-furamidine, and N-phenylamidine of 2-thiophenecarboxylic acid on the radiation resistance of suspensions of Bacillus anthracis, Bacillus cereus, Candida albicans and Staphylococcus aureus following irradiation with gamma rays of Co^{60}. St. Robev, Sv Todorov. Dokl. AN SSSR 132 no. 5 1201-1203 Je '60.

Factors affecting the properties of aminoplastics. Sh. M. Itenberg, E. I. Luk'ianova, E. F. Novak. Plast. massy no 3 16-19 '60

Reactions of arylglycidyl ethers with aromatic amines. M. F. Sorokin, K. A. Lialiushko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:115-118 '60.

Synthesis and study of high molecular weight tertiary amines and quaternary ammonium compounds based on the copolymers of 2-methyl-5-vinylpyridine with various "cross-linking" agents [with summary in English]. A. B. Davankov, L. B. Zubakova. Vysokom soed. 2 no. 6·884-890 Je '60.

AMINO ACID METABOLISM

Effect of various enzymatic poisons on the purified enzymatic system catalyzing amino acid synthesis from keto acids and ammonium salts [with summary in English]. N N. Berezovskaia. Biokhimiia 25 no 1:106-111 Ja-F '60.

Synthesis of amino acids from keto acids and ammonium salts in rat kidneys [with summary in English]. I N. Piatnitskaia. Biokhimiia 25 no. 1:86-89 Ja-F '60.

Transamination of amino acids of the ornithine cycle in pea and wheat seedlings [with summary in English]. K I. Klechkovskii, V. L Kretovich. Biokhimiia 25 no. 1.164-167 Ja-F '60.

AMINO ACIDS

Cyanoethylation of β-amino acids. P. F. Butskus. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:122-123 '60.

Cyclization of N-cyanoethylated α-amino acids and their derivatives. P. F. Butskus. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:124-126 '60.

Investigating the complexons of amino acid derivatives. N. F. Kazarinova, N I. Latosh, I. IA Postovskii. Izv. Sib. otd. AN SSSR no. 2 60-70 '60.

Quantitative determination of free amino acids in grain and flour. A. N. Ponomareva, V. L Kretovich Izv vys. ucheb zav., pishch tekh. no. 1 132-134 '60

Role of insulin and adrenaline in the amino acid metabolism of the mammary gland. V. G. IAkovlev, G. N. Ozerova, I. K. Mishchenko. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:37-63 '59.

Syntheses in the series of isoxanthine derivatives Part 2 Some amino acid derivatives of methylated xanthine and isoxanthine. E S Chaman, A A Cherkasova, E S Golovchinskaia Zhur ob khim 30 no 6·1076-1684 Je '60

Variation in the bound amino acid content of the different organs of the chrysanthemum at different phases of development. V. O. Kazarian, E. S. Avundzhian, K. A. Karapetian. Report No 2 Dokl AN Arm. SSR 29 no. 5:245-250 '5C.

AMINO COMPOUNDS

Preparation of amino compounds by the reaction of aromatic halo derivatives with fused urea. V. A. Lavrishchev, Val. L. Plakidin, A. E. Kretov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:127-130 '60.

AMINOPHYLLINE

New rapid methods for the quantitative determination of teofillin in a pure preparation and in euphyllin. P. P. Suprun. Apt. delo 9 no. 2·49-52 Mr-Ap '60.

AMMETER

Volt-ampere meter for measuring pulsating voltages and currents. I. P. Istomin. Avtom., telem. i sviaz' 4 no. 4,35-36 Ap '60.

AMMONIA

Autocondensation reactions of cyclic ketones, and condensation with ammonia S V. Svetozarskii and others Zhur ob. khim 30 no 6,2042-2047 Je '60.

Investigating the process of ammonia oxidation in the presence of metal oxides at elevated pressure. N. P. Kurin, M. S. Zakharov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:141-145 '60.

New method of recovering ammonia from coke-oven gas. G. D. Kharlampovich, M. V. Goftman, N. D. Rus'ianova. Koks. i khim. no. 4:34-39 '60.

Reaction of uranium hexafluoride with ammonia. N. P. Galkin, B. N. Sudarikov, V. A Zaitsev. Atom. energ. 8 no 6·530-534 Je '60.

Using solutions with admixtures of ammonium nitrate and ammonia in the production of nitric acid. IA. I Kil'man, V A Klevke Zhur prikl khim. 33 no 3,533-535 Mr '60

AMMONIUM COMPOUNDS

Potentiometric method of titrating acids with quaternary ammonium bases A. P. Kreshkov, L N. Bykova, N. A. Mkhitarian Dokl. AN SSSR 132 no 5 1090-1092 Je '60.

Synthesis and study of high molecular weight tertiary amines and quaternary ammonium compounds based on the copolymers of 2-methyl-6-vinylpyridine with various "cross-linking" agents (with summary in English). A. B. Davankov, L. B. Zubakova. Vysokom. soed. 2 no. 6:884-890 Je '60.

AMMONIUM HYDROXIDE

Liquid nitrogen fertilizer for turf-Podzolic soils. L. S. Kaplunova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:101-107 '59.

AMMONIUM NITRATE

Using solutions with admixtures of ammonium nitrate and ammonia in the production of nitric acid IA I Kil'man, V A Klevke Zhur prikl khim 33 no. 3 533-535 Mr '60

AMMONIUM PHOSPHATES see subdivision under United States

AMMONIUM PHOSPHOTUNGSTATE

Viscosimetric study of the systems isomeric α- and β-forms of ammonium luteophosphorotungstates – water. E. A. Nikitina, N. A. TSvetkov. Zhur. neorg khim. 5 no. 2:474-476 F '60

AMMONIUM SULFATE see subdivision under Rutchenkovo

AMMONOIDEA

(see also subdivision under Gissar Range)

Biology and systematic significance of septa and lobar sutures in ammonites. IU. N. Popov. Paleont. zhur. no. 4 41-46 '59.

Recent data on Oxfordian and Kimmeridgian ammonites. N. T. Sazonov. Trudy VNIGNI no. 16:133-173 '60.

AMOBARBITAL

Treatment of reactive conditions with a combination of solutions of barbamyl and caffeine. E. B. Minkina. Probl. sud psikh. 8:363-373 '59.

AMORTIZATION

"Amortization and the length of service of fixed assets" by IA. B. Kvasha. Reviewed by V. Budavey, V. IUdovskii. Plan. khoz. 37 no. 6:83-87 Je '60.

Amortization of machinery on collective farms. A. Pakhomov. Ekon sel'khoz 31 no. 3:53-58 Mr '60.

Supply collective farms with economically substantiated amortization norms. D. B. Pataliov, A. V. Vinokur. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:30-32 Mr '60.

AMPLIFIERS (ELECTRONICS)

Calculation of intermediate frequency amplifiers for radio relay stations with frequency-division multiplex. B. A. Kalabekov. Elektrosviaz' 14 no. 4:36-40 Ap '60.

Possible use of a superregenerator for amplification of brief pulse signals M M Gordov. Radiotekhnika 15 no. 3 35-37 Mr '60.

Single-stage selective amplifier with amplified selective negative feedback. A. L Helichenko. Radiotekhnika 15 no 3 53-57 Mr '60

Theory of a single-circuit parametric amplifier. IU. E. D'iakov. Radiotekh. i elektron. 5 no. 7:1100-1101 Jl '60.

Wave propagation in electrical negative resistance circuits used in quantomechanical traveling-wave amplifiers. V. B. Shteinshleiger, G. S. Misezhnikov. Radiotekh. i elektron. 5 no. 6:962-968 Je '60.

AMPLIFIERS, ELECTRON-TUBE

Bialik, G. I. [Wide-band vacuum-tube amplifiers] Lampovye shirokopolosnye usiliteli. Izd. 3. Moskva, Gos. energ. izd-vo, 1960. 199 p. (Massovaia radiobiblioteka, no. 363)

Galvanometer-type amplifiers equipped with photoelectric converters for oscillographs. R. R. Kharchenko. Izm. tekh. no. 2:21-26 F '60.

The IU-6 measuring selective amplifier. Prib i tekh. eksp. no. 1,151 Ja-F '60.

Nonoverloading amplifier with improved pulse build-up time. A. N. Pisarevskii, IU. E. Seliavinov. Prib. i tekh. eksp. no. 1 63 Ja-F '60.

Operational amplifier with a differential input. V. I. Aleksandrin. Priborostroenie no. 4:14-16 Ap '60.

AMU DARYA VALLEY—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Results of archaeological works of the Section History of the Kara-Kalpak Scientific-Research Institute of the Academy of Sciences of the Uzbekistan S. S. R. in 1958. A. V. Gudkova, V. N. IAgodin. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1:41-49 '60.

AMU DARYA VALLEY—NEMATODA

Nematode parasites of wild birds of the Amu Darya estuary. M. A. Sultanov, K. M. Ryzhikov, D. P. Kozlov. Uzb. biol. zhur. no. 1:58-63 '60.

AMU DARYA VALLEY—RUNOFF

Distribution throughout the year of the runoff of suspended sediments in rivers of the Amu Darya Basin and their fractional composition. V. P. Svetitskii. Izv. AN Uz. SSR. Ser. tekh. nauk no. 1:77-86 '60.

AMUR PROVINCE—AGRICULTURE—INCOME DISTRIBUTION

From practice of the "Priamur'e" Collective Farm. A. Germanov. Sots. trud 4 no. 12:106-110 D '59.

AMUR PROVINCE—DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

Introduction of modern methods and equipment in the distilleries of the Amur Economic Region. Spirt. prom. 26 no. 2:37-38 '60.

AMUR PROVINCE—GEOGRAPHY—STUDY AND TEACHING

Reading popular literature on geography outside the class room. A. N. Alekseev. Geog. v shkole 23 no. 2:67-71 Mr-Ap '60.

AMUR PROVINCE—LEAF BEETLES

New and little-known Palaearctic species of leaf beetles of the genera Haltica Mull. and Phyllotreta Foudras (Coleoptera, Chrysomelidae). D. S. Shapiro. Ent. oboz. 39 no 1:187-188 '60.

AMUR PROVINCE—SOCIAL CONDITIONS

On the near and distant Amur River A. Saparov Zvezda no 3 3-50 Mr '60

AMUR PROVINCE—SOIL MICRO-ORGANISMS

Studying the fungi of forest soils in Amur Province Z. E Bekker, T. P. Suprun Bot. zhur. 45 no 3:404-410 Mr '60

AMUR RIVER—FISHERIES—RESEARCH

Fishery management in the middle and upper Amu Basin in connection with the planned hydraulic construction work [with summary in English]. G V Nikol'skii, B V. Verigin, O A Kliuchareva Zool zhur 39 no 3 407-416 '60

AMUR VALLEY—DWELLINGS

Present-day Nivkh villages and dwellings [with summary in English]. Ch. M Taksami. Sov. etn. no 1 23-37 Ja-F '60

AMUR VALLEY—FROZEN GROUND

Permafrost conditions and the prediction of their variation in connection with hydraulic construction work in the upper Amur Valley. G. M. Epshtein. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3,185-190 '59.

AMUSEMENT PARKS see subdivision under Vienna

AMYLOPECTIN—ELECTRIC PROPERTIES

Electric conductivity and dielectric constant of amylopectin solutions A. P. Kaban, O D Kurilenko. Izv. vys. ucheb. zav., pishch. tekh. no 1 43-47 '60

ANABASINE

Polarographic study of N-oxides of anabasine and N-methylanabasine. S. G. Mairanovskii and others. Izv. AN SSSR Otd. khim. nauk no. 5:938-940 My '60.

ANABASIS (BOTANY)

Ecology and biology of Anabasis salsa (C. A. M.) Benth. s. l. L. Kuznetsov. Biul. SNO LGU no. 1:51-58 '58.

ANALYSIS (MATHEMATICS) see Mathematical analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL GEOMETRY see Geometry, Analytic

ANAMESE LANGUAGE—SENTENCES

The principles of the classification of simple sentences in the Vietnamese language. IU. K. Lekomtsev. Vop iaz 9 no. 1 52-59 Ja-F '60

ANAPA—DESCRIPTION

Anapa. [Krasnodar, Krasnodarskoe knizhnoe izd-vo, 1959] folder (12 p.)

ANATOMY, HUMAN

Do you know your body? Mol. mira no. 7:24 '59.

ANATOMY, PATHOLOGICAL

Causes of mistakes in pathoanatomical diagnosis. A. M. Khelimskii. Vrach. delo no. 2:199-200 F '60.

ANCIENT PHILOSOPHERS see Philosophers, Ancient

ANDIZHAN—CLOTHING WORKERS

Khanifa-Apa. L. Grishnin. Prom. koop. 14 no. 3:35 Mr '60.

ANDROGENS

Morphological changes in the uterus induced by androgens. G. I. Maisaia. Soob. AN Gruz. SSR 23 no. 6:735-739 D '59.

ANEMIA

Anemias in hypochilia and achylia. T. M. Efendiev, Kh. F. Khammadova. Med. zhur. Uzb. no. 11,33 N '58.

Comparative evaluation of methods for the pathogenetic treatment of some anemic syndromes. V. N. Domozhir-Karpenko. Vrach. delo no. 3:247-251 Mr '60.

Fungous diseases in the clinical aspects of internal diseases. G. S. Irshenko. Vrach. delo no. 2:193-195 F '60.

Hemolytic properties of blood hemolytic anemias. E. M. Liozina, I. L. Tydol'skaia, I. S. Myslavskaia. Mat. po obm. nauch. inform. no. 2:79-81 '58.

Mechanism of hemolysis in hemolytic anemias. V. V. Progonnaia. Mat. po obm. nauch. inform. no. 2:209-216 '58.

Pathogenetic treatment of hypochromic anemia. V. N. Domozhir. Mat. po obm. nauch. inform. no. 2:203-208 '58.

Some indexes of the respiratory function of the blood in anemia patients. A. IU. Tilis. Med. zhur. Uzb. no. 7: 35-40 Jl '58.

ANEMOMETER

Acoustical anemoscope. V. M. Bovsheverov, V. P. Voronov. Izv. AN SSSR. Ser. geofiz. no. 6:882-885 Je '60.

Experimental characteristics of a thermoanemometer. IU. F. Anan'ev. Izv. vys. ucheb. zav., energ. 3 no. 6: 37-44 Je '60

ANESTHESIA

Comparative evaluation of some types of anesthesia in surgery. K. G. Kaiumov. Med. zhur. Uzb. no. 11,51-54 N '58

Potentiated anesthesia and anesthesia with a lytic mixture M I Krasil'shchik, I O Lerner Zdravookhranenie 2 no 6:42-44 N-D '59

Problem of peridural anesthesia M. IA. Chkheidze. Soob AN Gruz. SSR 23 no 5,611-618 N '59

Shane-Ashman method of anesthesia in thoracic surgery [with summary in English]. V. P. Smol'nikov. Grud. khir. 1 no 1 121-125 Ja-F '59.

Use of electroencephalography in general anesthesia. B. V. Petrovskii and others. Med. prom. 14 no. 6:14-21 Je '60.

ANESTHESIA (ELECTRIC) see Electric anesthesia

ANESTHESIA IN DENTISTRY

Application anesthesia in the removal of teeth in patients with paradentosis. L. I. Sirota. Probl. stom. 4:323-326 '58.

ANESTHESIOLOGY—APPARATUS AND INSTRUMENTS

Improved method for use of nasopharyngeal narcosis. V. D. Belousov. Zdravookhranenie 3 no. 1:52-53 Ja-F '60.

New apparatus for anesthesia according to the Shane-Ashman method [with summary in English]. G. A. Riabov. Grud. khir. 1 no 1 118-120 Ja-F '59.

ANESTHETICS

New method for the synthesis of C^{11}-paraaminobenzoic acid and obtaining C^{14}-anesthesin, novocaine, and cocaine. IU. V Markova, L. N. Zenkova, M. N. Shchukina. Khim. i med no. 11 53-59 '59.

ANGARA RIVER—HYDROLOGY

Mechanism of the drawing of deep waters of Lake Baikal toward the issue of the Angara River. V. P. Berdennikov. Trudy GGI no. 72:33-41 '59.

ANGARA RIVER—ICE

Method of estimating possible ice jams and shifts of the air hole limit in the after bay of the Irkutsk Hydroelectric Power Station. V. P. Berdennikov. Trudy GGI no. 72:3-32 '59.

ANGARSK—FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Water consumption proportioning device. Voronin. Pozh delo 6:22 Je '60.

ANGINA PECTORIS

Moscow. TSentral'nyi institut usovershenstvovaniia vrachei [Angina pectoris and myocardial infarct] Grudnaia zhaba i infarkt miokarda. Pod red. A. Z. Chernova. Moskva, 1959. 261 p.
(DNLM)

Some physicochemical properties of the blood in stenocardia L. A. Dorosh. Med. zhur Uzb. no. 7:21-24 Jl '58.

ANGIOSPERMS, FOSSIL see subdivision under Zyryanka Valley

ANHWEI PROVINCE—RESERVOIRS

Creation of a sea. Vokrug sveta no. 4:42 Ap '60.

ANILINE

Chromatographic separation of mixtures of nitrobenzene-aniline products. V. P. Shmonina, R. N. Khasanova, D. V. Sokol'skii. Trudy Inst. khim nauk AN Kazakh. SSR 5,28-35 '59.

Kinetics of the reaction of ethylene oxide with aniline. N. N. Lebedev, M. M. Smirnova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:104-108 '60.

Preparation of mono- and diethanolaniline from aniline and ethylene oxide. K. D. Petrov. Plast. massy no. 3: 52-54 '60.

Synthesis and conversions in the series of diarylureas Part 10 Reaction of phosgenation of 2, 4, 5-trichloroaniline under conditions leading to the formation of 2, 2', 4, 4', 5, 5'-hexachlorodiphenylurea D F. Kutepov, N. S Rozanova Zhur ob. khim 30 no 6:2021-2024 Je '60

Synthesis and conversions in the series of diarylureas. Part 11 Mechanism of the reaction of 2, 4, 5-trichloroaniline with phosgene D. F. Kutepov. Zhur ob. khim 30 no. 6 2024-2027 Je '60.

ANIMAL PAINTING AND ILLUSTRATION

Mysteries of American deserts. IUn. tekh. 4 no. 2:49 F '60.

ANIMALS, EXPERIMENTAL see Laboratory animals

ANIMALS, EXTINCT see Extinct animals

ANIMALS, FOOD HABITS OF

Food habits of saiga on the right bank of the Volga River [with summary in English] L S Lebedeva Biul MOIP Otd biol 64 no 5 27-35 S-O '59

The "kitchen" of ring-billed gulls. G. A. Soliianik. Inform. biul. Sov. antark eksp. no. 12:50 '59.

ANIMALS, MARKING OF

Marking saiga in the western Caspian Sea region. A. G. Bannikov and others. Migr. zhiv. no 1:179-185 '59.

Material on the banding of the Russian dormouse in the Byalovezhska Pushcha Preserve. B Z. Golodushko Migr. zhiv. no. 1,186-189 '59.

New method for catching and marking deer. S. A. Korytin. Migr. zhiv. no. 1,170-178 '59.

Organization of the marking of mammals in the U. S. S. R. V. S. Pokrovskii. Migr. zhiv. no. 1:149-160 '59.

Whale marking. V. A. Arsen'ev. Migr. zhiv. no. 1:161-169 '59.

ANIMALS, MIGRATION OF

Seasonal migrations of saiga in the western part of the Caspian Sea region. L V Zhirnov Biul. MOIP. Otd. biol. 64 no 5 134 S-O '59.

Use of parasitological material in studying the migration of animals. V. B. Dubinin. Migr. zhiv. no 1:5-17 '59.

ANISOLE

Alkylation of 4-bromoanisole by propylene, pseudobutylene, and cyclohexene in the presence of BF$_3$ H$_3$PO$_4$ V G. Kriuchkova, S V Zavgorodnii Zhur. ob khim 30 no 6 1929-1932 Je '60

ANISOTROPY

Anisotropy of galvano and thermomagnetic phenomena in electron germanium. I. M. TSidil'kovskii, V. P. Shirokovskii. Fiz. met. i metalloved. 9 no. 3:321-326 Mr '60.

ANKLE—FRACTURE

Late results of treatment of neglected fractures of the malleolus. A. N. Kedrova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:129-138 '58.

ANNAPURNA—MOUNTAINEERING

"Annapurna, the first of the 8000-meter peaks" by Maurice Herzog. Priroda no 6 123 Je '60.

ANNEALING OF METALS

Effect of additional stabilization during the annealing of internally stressed austenite. O. P. Maksimova, S. IA. Seredenko, S. I. Estrin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:57-65 My-Je '60.

Prevention of surface defects in the annealing of sheet steel [with summary in English] K V. Dnepronko. Stal' 20 no 3 255-259 Mr '60.

ANNIVERSARIES

Historical calendar. Prep. ist v shkole 15 no. 1:126-128 Ja-F '60.

Important dates of great technological discoveries. Shkola i proizv. 4 no. 3:95-96 Mr '60.

Noteworthy dates. Nar. obr. no. 6:127 Je '60.

Our anniversary calendar. Mol. komm. no. 3:98-99 Mr '60.

Our anniversary calendar. Nauka i zhyttia 10 no. 1:63 Ja '60.

Our anniversary calendar. Sots. kul't. 13 no. 2 45 F '60.

Our calendar. Kul't.-pros. rab. 21 no. 2:60-61 F '60.

Our calendar. Kul't.-pros. rab. 21 no. 3:58-59 Mr '60.

Our calendar. Sots. kul't. 13 no. 3:47 Mr '60.

ANNOTATIONS AND CITATIONS (LAW)

Index of judicial practice. Sov. iust. no. 2:3 of cover F '60.

ANOXEMIA

"Oxygen insufficiency in hypertension (prophylaxis and treatment)" [in Ukrainian] by M. S. Zanozdra. Reviewed by M. A. IAsinovskii. Vrach delo no. 4 439 Ap '60

Tissular hypoxia as a mechanism of the protective action of adrenaline, heroin, and morphine against radiation M. M. Konstantinova, E. IA. Graevskii. Dokl. AN SSSR 132 no. 6:1427-1430 Je '60.

ANTARCTIC REGIONS

Brief communications. Inform. biul. Sov. antark eksp. no. 12:51 '59.

Brief news. Probl. Arkt. no. 6:139-140 '59.

It can be warm in the Antarctic too. Andrei Kapitsa. Ogonek 38 no. 19:18-19 My '60.

News from Antarctica. I. IA. Lapina. Priroda no. 6:64 Je '60.

Radio broadcasts from Antarctica. Inform. biul. Sov. antark. eksp. no. 12:47-49 '59.

"Refrigerator" of the earth. P. Smirnov. Znan. ta pratsia no. 3:9-11 Mr '60.

Where the meridians converge. E. I. Tolstikov. Nauka i zhizn' 27 no. 2:52, 58 F '60.

ANTARCTIC REGIONS—ATMOSPHERE

Characteristics of the position of tropopause over Antarctica in 1958. P. D. Astapenko. Inform. biul. Sov. antark. eksp. no. 12:24-28 '59.

ANTARCTIC REGIONS - ATMOSPHERIC TEMPERATURE

[illegible] heat exchange in the lower atmospheric layer [illegible]

ANTARCTIC REGIONS - ATMOSPHERIC TRANSPARENCY

[illegible] transparency in the Arctic and the Ant[illegible]

ANTARCTIC REGIONS - BIBLIOGRAPHY [illegible]

ANTARCTIC REGIONS - [illegible]

ANTARCTIC REGIONS - DISCOVERY AND EXPLORATION

[illegible]

ANZHERO-SUDZHENSK REGION—WARBLE FLIES

Two new hosts of the warble fly Oestromyia leporina Pall. (Diptera, Hypodermatidae) [with summary in English]. N.G.Shubin. Ent.oboz. 39 no.1·213 '60.

AORTA—DISEASES

Aortic coarctation [with summary in English]. P.A. Kupritanov. Grud.khir. 1 no.1 69-75 Ja-F '59.

APARINSKIY—RETAIL TRADE

Women of the Aparinskiy rural consumers' cooperative society. I.Rostroeta. Sov.potreb.koop. 4 no.3:47-49 Mr '60.

APARTMENT HOUSES

(see also subdivision under Donets Basin, Dnepropetrovsk Province; Krasnodar Territory; Krasnoyarsk, Leningrad, Moscow, Riga, Sverdlovsk Province, Ukraine; Zaporozh'ye)

Akademiia budivnytstva i arkhitektury URSR. Instytut mistobudivnytsva. [Mass housing construction] Massovoe zhilishchnoe stroitel'stvo. Kiev, Gos.izd-vo lit-ry po stroit.i arkhit., 1960. 285 p. (Planirovka i zastroika zhilykh raionov)

Akademiia stroitel'stva i arkhitektury SSSR. [Planning, building, and improving cities] Planirovka, zastroika i blagoustroistvo gorodov. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 179 p.

Brandenburg, B.IU., and V.G.Grossman. [Hotel-type apartment houses, design and construction] Zhilye doma gostinichnogo tipa; opyt proektirovaniia i stroitel'stva. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 151 p.

Complete series of standard plans for prefabricated large-panel houses. N.Levontin. Zhil.stroi. no.3: 16-18 Mr '60.

Economic effectiveness of erecting apartment houses by housing construction combines. G.P.Chulkevich. Stroi.i arkhit.Len. 22 no.3:32-33 '60.

Hotel-type apartment houses. B.Brandenburg. Zhil. stroi. no.3:26-27 Mr '60.

Improving designs of dwellings and the planning of large residential blocks. S.V.Vadil'kovskii. Stroi.i arkhit. Len. 22 no.3:17-23 '60.

Kossakovskii, V.A., and O.I.Rzhekhina [Row houses in foreign countries] Blokirovannye doma za rubezhom. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam, 1960. 177 p.

Large-panel houses are the main objective in the development of housing construction Bud mat.i konstr 2 no.1 1-2 F '60.

Maklakova, T.G. [Panel housing construction; structural and architectural solutions] Panel'noe domostroenie; razvitie konstruktivnykh i arkhitekturno-planirovochnykh reshenii. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1959. 190 p.

Methods for improving standard designs of apartment houses. IA.Shteinberg, G.Grauzhis. Stroi i arkhit. 8 no.3:21-23 Mr '60.

New designs of houses for experimental construction. S.Kvashnin, IU.Lebedeva. Stroi.i arkhit. 8 no.6.14-15 Je '60.

New series of large-panel apartment houses Arkhit SSSR no.6 64 '60

Over-all mechanization of operations in building large-panel apartment houses. V.A.Meinert Mekh.stroi 17 no 6 5-7 Je '60

Plastic houses. V.Dzugaev, E.Skliarova. Stroi.i arkhit. 8 no.6:12-13 Je '60.

Standardized panel apartment houses. M.Vokhomskii, N.Osterman. Arkhit.i stroi.Mosk. 8 no.7:6-12 Jl '59.

Strzhalkovskii, E.G. [New methods for organizing the industrialized housing construction; housing construction combines in Leningrad] Novye metody organizatsii industrial'nogo domostroeniia; domostroitel'nye kombinaty Leningrada. [Leningrad] Lenizdat, 1960. 53 p.

Verizhnikov, S.M. [Industrialized housing construction in Leningrad; housing construction combines] Industrial'noe zhilishchnoe stroitel'stvo v Leningrade; domostroitel'nye kombinaty. Leningrad, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 333 p.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Kurgan; Kuybyshev; Voronezh)

Improve the control of the expenditures for major repairs of apartment houses. L.Shemiakin. Zhil.-kom.khoz. 10 no.3:14-15 '60.

Reinforced concrete details to be used in making major repairs in apartment houses. V.A.Shevchenko, V.P. Ryllo, A.I.Ivanov. Gor.khoz.Mosk. 34 no.2:19-21 F '60.

APARTMENT HOUSES—MANAGEMENT see subdivision under Orel; Vladivostok

APATITE see subdivision under Karelia

APES

Vocal reactions as a mode of adaptation in anthropoid apes. L.A.Firsov. Vop.antr. no.2:19-29 '60.

APICULTURE see Bee culture

APOPLEXY

Chemical changes in the blood in embolic apoplexy. R.I. Borisenko. Vrach delo no.3 261-265 Mr '60.

APPENDECTOMY

Inflammation of the stump of the vermiform process as a late complication following appendectomy. G.I.Lukomskii. Kaz.med.zhur. 41 no.1:33-37 Ja-F '60.

APPENDICITIS

Appendicitis and Meckel's diverticulum [with summary in English]. A.G.Zemlianoi. Khirurgiia 35 no.12·64-66 D '59.

Associated disturbances of the function of the bile secreting apparatus of the liver in chronic appendicitis. Report no.2. V.S.Nuzhina. Kaz.med.zhur. 41 no.1: 116-117 Ja-F '60.

Rare case of carcinoid vermiform process in a $3^{1}/_{2}$-year-old child. F IA. Lipskii. Zdrav Belor 6 no 2 63 F '60.

So-called hernial appendicitis [with summary in English]. N.N.Gol'dburt. Khirurgiia 35 no.12,60-63 D '59.

APPENDIX—FOREIGN BODIES

Foreign bodies in the appendix. V.N.Shpil'ko. Khirurgiia 35 no.12 104-106 D '59.

APPENDIX—TUBERCULOSIS

Case of isolated tuberculosis of the appendix. S.A. Simbirtsev. Khirurgiia 35 no.12 107 D '59.

APPIANUS OF ALEXANDRIA

Latifundia during the second century B.C.; according to the interpretation of the seventh chapter of the first book of Appian's "Civil wars." V.I.Kuzishchin. Vest. drev.ist. no.1:46-60 '60.

APPLE

(see also subdivision under Dmitrov, Moscow Province)

Anatomical study of the bark in tall-growing and dwarf apple trees. L I Lotova. Vest.Mosk un.Ser.biol., pochv., geol , geog. 14 no.3.45-58 '59.

Embryology in some apple varieties [with summary in English] A.V.Konstantinov. Izv.AN SSSR.Ser.biol no.2·256-264 Mr-Ap '60.

Testing growth regulating substances for reducing the preharvest falling off of the Antonovka variety of apples. G.N.Teliatnikova, M.A.Ivanova, A.M.Dolzhenkova. Kons.i ov.prom. 15 no.4:35-38 Ap '60.

APPLE—STORAGE

Intensity of respiration and enzyme activity in apples stored at from 0 to −7°. A.I.Kochurova. Sbor.nauch. rab.INKH no.16:142-155 '59.

APPLE JUICE see subdivision under Malorita

APPRECIATION OF ART see Aesthetics

APPROXIMATE COMPUTATION

An approximation method for obtaining conformal representations. A.L.Kudriavtsev. Izv.AN Uz.SSR.Ser. fiz.-mat.nauk no.6:78-82 '59.

Certain theorems pertaining to the best approximation by unlimited operator-functions. S.I.Zukhovitskii, G.I.Eskin. Izv.AN SSSR Ser.mat. 24 no.1,93-102 Ja-F '60.

Joint approximation of a periodic function and its derivatives by trigonometric polynomials. A.L.Garkavi. Izv.AN SSSR Ser.mat. 24 no.1:103-128 Ja-F '60.

Problem of constructing nonlinear Chebyshev approximations and a numerical approach based on some generalizations of Gauss' linearization procedure [with summary in English]. IE.IA.Remez. Dop.AN URSR no.2·139-143 '60.

Solving hydrodynamic equations of waves with finite amplitude by the method of finite differences. E P. Kovalenko. Trudy Inst.energ.AN BSSR no.10·172-187 '59.

APRICOT—VARIETIES see subdivision under Crimea

APSHERON ARCHIPELAGO—PETROLEUM GEOLOGY

Potential and characteristics of petroleums in the lower division of the producing formation in the western Apsheron Archipleago. B.M.Kerimov, P.A.Tagi-zade. Izv.vys.ucheb.zav., neft' i gaz 3 no.2.9-16 '60.

APSHERON PENINSULA—MOSSES

Biological and ecological characteristics of mosses growing on the Apsheron Peninsula. M.V.Brzhezitskii, T.E.Dzhafarov. Uch zap.AGU Biol ser. no.2 23-28 '59.

AQUARIUMS

Peshkov, M.A., ed. [Aquarium in the home] Komnatnyi akvarium. Izd.2. [Moskva] Izd-vo Mosk.univ., 1959. 210 p. (Sredi prirody, no.48)

AQUATIC BIRDS see Water birds

AQUATIC PLANTS

Chemical control of aquatic vegetation in irrigation and drainage canals and reservoirs. E.F.Linnik. Gidr. i mel. 12 no.2:56-59 F '60.

Our guest from the Amazon. M.Prakhov. Znan.ta pratsia no.3:8 Mr '60.

AQUATIC SPORTS

For further development of water sports V Fadeev Voen znan 36 no 6 30 Je '60.

AQUEOUS HUMOR

Some biochemical indexes of the humor of the camera oculi anterior in animals before and after blood transfusion. O.A.Katorgina. Oft zhur 12 no.5:299-301 '57

ARABIA—ETHNOLOGY

"Modern history of Nejd" by Amin ar Reichani as a source on the ethnology of central Arabia. M.Churakov Sov.etn. no 1·93-98 Ja-F '60.

ARABIC LANGUAGE—AFFIXES

Genesis of a suffix in the Arabic language. I.I.TSeriteladze. Soob AN Gruz.SSR 23 no.5·631-634 N '59.

ARABIC LITERATURE—HISTORY AND CRITICISM

al-Fākhūrī, Hannā. [History of Arabic literature. Translated from the Arabic] Istoriia arabskoi literatury. Moskva, Izd-vo inostr.lit-ry, 1959. 367 p.

ARABIC STUDIES see subdivision under Leningrad

ARAGATS, MOUNT—ANTIQUITIES

Collection of articles from the mound at Takin (Agvesadzor). A.A.Martirosian, T.S Khachatrian Izv.AN Arm SSR.Obshchestv nauki no 11/12:87-96 N-D '59.

ARAGON, LOUIS, 1897-

Aragon. N.Kozlova. Chto chitat' 3 no.1:25-26 Ja '60.

ARAGVA VALLEY—PRECIPITATION (METEOROLOGY)

Extrapolation of precipitation for the southern slope of the main Caucasian range. V.F.Poklepa. Trudy Tbil.NIGMI no.5.163-167 '59.

ARAL REGION—DESERT FLORA

Characteristics of ephemoral vegetation of the desert area of the northern Aral Sea region. O.U.Lushpa. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.1:89-100 '60.

ARAL SEA—COPEPODA

Population dynamics of Diaptomus salinus Daday in the Aral Sea [with summary in English]. N.K.Lukonina. Zool.zhur. 39 no.2:176-187 F '60.

ARAL SEA—SEICHES

Model studies on seiches of the Aral Sea. V.P.Dubov. Nauch.zap.MIIVKH 20:321-329 '58.

ARAL SEA REGION—PALEONTOLOGY, STRATIGRAPHIC

Microfaunal characteristics of the Saksaul'skaya series of the upper Eocene in the northern part of the Aral region. R.Kh.Lipman. Dokl.AN SSSR 132 no.6: 1388-1390 Je '60.

ARBITRATION, INDUSTRIAL

[Collection of rules of the State Arbitration Commission.] Sbornik instruktivnykh ukazanii Gosudarstvennogo arbitrazha no.10 '60.

[Collection of rules of the State Arbitration Commission.] Sbornik instruktivnykh ukazanii Gosudarstvennogo arbitrazha no.12 '60.

ARBITRATION AND AWARD

Decisions of arbitration agencies. Sov.iust. no.2:93-94 F '60.

Decisions of arbitration agencies. Sov.iust. no.3·89-90 Mr '60.

Legal questions in establishing the price of goods in the practice of government arbitration agencies. F.Kh. Liberman. Sov.gos.i pravo no.5:107-113 My '60.

Practice of government arbitration in disputes concerning the transfer of enterprises, buildings and installations. M.I.Morgulis. Sov.gos.i pravo no.5:102-107 My '60.

ARC LAMPS see Electric lamps, Arc

ARCHAEOCYATHIDAE

The position of Archaeocyatha in the phylogenetic system I T.Zhuravleva. Paleont.zhur. no.4:30-40 '59.

ARCHAEOLOGY see subdivision under Carpathian Mountain region; China; Iraq; Karelia; Khakass Autonomous Province; Minusinsk Basin; Rome; Soviet Central Asia; Tell Atrib, Egypt; Turkmenistan

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—STUDY AND TEACHING

All-Union student archaeological conferences, 1955-1960. V.B.Vinogradov, A.V.Kuza. Vest.Mosk.un.Ser.9: Ist.nauki 15 no.3:75-79 My-Je '60.

[illegible]

ARCTIC CLOTHING see Clothing, Cold weather

ARCTIC OCEAN ICE

High [illegible] expedition of 1959 [illegible]

Some problems in studying long period variations of the general [illegible] of Arctic [illegible]

ARCTIC OCEAN [illegible]

High [illegible] expedition [illegible]

[illegible] V. [illegible] [Water [illegible] of the Arctic [illegible]] [illegible]

ARCTIC REGIONS

[illegible]

ARCTIC REGIONS [illegible]

[illegible]

ARCTIC REGIONS [illegible] CONSTRUCTION

[illegible] in the Arctic. [illegible]

ARCTIC REGIONS [illegible] CONDITIONS

[illegible]

ARCTIC REGIONS [illegible]

[illegible]

ARCTIC REGIONS [illegible]

[illegible]

ARGALI [illegible] see Parasites [illegible] Argali

[illegible]

Quantitative [illegible] of the fall of temperature in the Armenian [illegible] during the invasion of cold air masses, V. I. Arazian [illegible] [illegible] '60.

ARMENIA - BAKERIES AND BAKERIES
Adoption of bulk storage and transportation of flour by the enterprises of the Armenian S.S.R. G. A. Bagdasarian. Khleb. i kond. prom. 4 no. 3 8-9 Mr '60.

ARMENIA - CHEMICAL INDUSTRIES
[illegible] in chemical plants. [illegible], [illegible] [illegible] '60.

ARMENIA - DESCRIPTION AND TRAVEL
Along the roads of Armenia. [illegible] 4 no. 3 [illegible] '60.

ARMENIA - ECONOMIC POLICY
Kochinian, A. E. [Armenia in the seven year plan] Armeniia v semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1960. 77 p.
[illegible]

ARMENIA - FROGS
Ecology of the Syrian spadefoot frog (Pelobates syriacus Boettger) in the Armenian S.S.R. S. H. Papanian. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki 12 no. 12 51-63 D '59.

ARMENIA - HISTORY
Academic session devoted to the historical relations and friendship between the Russian and Armenian peoples. Izv. AN Arm. SSR [illegible] no. 11-12 [illegible] '59.

ARMENIA - INDUSTRIES
Formation of [illegible] and conditions of its development. [illegible] Izv. AN Arm. SSR. [illegible] nauki no. 11-12:37-48 N-D '59.

ARMENIA - MAGNETISM, TERRESTRIAL
[illegible] of Armenia [illegible] Izv. AN Arm. SSR [illegible] '60.

ARMENIA - MOTION PICTURE PLAYS
[illegible]

ARMENIA - PALEONTOLOGY, STRATIGRAPHIC
[illegible] Izv. AN Arm. [illegible]

ARMENIA - RELATIONS (GENERAL) WITH UKRAINE
[illegible]

ARMENIA - SCIENCE - PHILOSOPHY
On the [illegible] struggle in Armenian [illegible] natural science of the [illegible] the 19th century. [illegible] [illegible]

ARMENIA - VOLCANIC ASH, TUFF, ETC.
[illegible] tuff [illegible] building material. M. A. Matevosian [illegible]

ARMENIAN LITERATURE - TRANSLATIONS FROM FOREIGN LANGUAGES
[illegible]

ARMIES see also subdivision Army under France, Germany, West; Japan; Russia; United States; Vietnam, North

AROMATIC COMPOUNDS
[illegible] problems [illegible] [illegible]
Hydrogenation [illegible] aromatic hydrocarbons of petroleum [illegible] F. A. [illegible] [illegible]

AROMATIC PLANT PRODUCTS see Essences and essential oils

ARRHYTHMIA
Duration of the separate phases of the cardiac cycle and the magnitude of the systolic and minute volume of the heart in tachycardia caused by the administration of atropine, adrenaline, and caffeine. V. K. Serkova. Vrach. delo no. 2 [illegible] '60.
[illegible] of cardiac fibrillation [illegible] Vrach. delo [illegible]
[illegible] experimental [illegible] [illegible]
Treatment of cardiac fibrillation with quinidine. V. F. [illegible] Mat. [illegible] no. 2 [illegible] '58

[illegible] [illegible] [illegible]
[illegible] [illegible]

ARSENIC
Behavior of [illegible] copper [illegible]
Quantitative determination [illegible] [illegible]

ART
See also [illegible]
[illegible]
[illegible]

ART - BIBLIOGRAPHY see Bibliography - Art

ART - EXHIBITIONS see [illegible] Medicine

ART - EXHIBITIONS, TRAVELING
[illegible]

ART - STUDY AND TEACHING
[illegible] state [illegible] dissertation [illegible] 1959. [illegible] p. [illegible]

ART, AMERICAN - EXHIBITIONS
[illegible]

ART, DECORATIVE see [illegible]

ART, COMMERCIAL see Commercial art

ART, EGYPTIAN
[illegible]

ART, HUNGARIAN - EXHIBITIONS
[illegible]

ART, JAPANESE - EXHIBITIONS [illegible]

ART AND STATE
[illegible]

ART GALLERIES AND MUSEUMS see [illegible] [illegible] [illegible]

ART INDUSTRIES
See also [illegible]
[illegible]

ARTEM, FEDOR ANDREEVICH pseud. see Sergeev, Fedor Andreevich, 1883-1921

ARTEMOVSK - MONUMENTS
[illegible]

ARTERIES - DISEASES
[illegible]

ARTERIES - SURGERY
[illegible]

ARTERIOSCLEROSIS
[illegible] in the [illegible] [illegible]
[illegible] in [illegible]
Role of [illegible] in [illegible] [illegible]
[illegible] [illegible] [illegible]

[illegible] equipment for [illegible] [illegible]

[illegible]

ARTHRITIS
[illegible] patients with rheumatoid [illegible] polyarthritis and [illegible] [illegible] Mat. [illegible]
[illegible] infection [illegible] Mat. [illegible]
[illegible] during treatment [illegible] Mat. [illegible]

ARTHROPLASTY [illegible]
[illegible] V. [illegible] [illegible]
[illegible] V. [illegible] [illegible]

ARTIFICIAL [illegible] see [illegible] Artificial

ARTIFICIAL [illegible] see [illegible] (Heart)

ARTIFICIAL [illegible]
[illegible] [Catalog]
[illegible] [illegible] Moskva, [illegible] 1959. 159 p.
[illegible] [Artificial [illegible]] [illegible] artificial [illegible] [illegible] [illegible]
[illegible] artificial [illegible] [illegible] Moskva, [illegible] 1959. 159 p.

ARTIFICIAL [illegible] see [illegible] Artificial

ARTIFICIAL SATELLITES
[illegible] [illegible]
[illegible] artificial satellite [illegible] [illegible]
[illegible] artificial satellites [illegible] [illegible]
[illegible]
[illegible]
[illegible] '60.

ARTIFICIAL SATELLITES - BIBLIOGRAPHY see Bibliography - Artificial satellites

ARTIFICIAL SATELLITES - TRACKING [illegible]
According to [illegible] of artificial [illegible] [illegible] V. I. [illegible] Byul. [illegible]
[illegible] [illegible]
[illegible] above the earth's surface of an artificial satellite [illegible] plane perpendicular [illegible] I. A. [illegible] Byul. [illegible]
[illegible] above the earth's surface of an artificial satellite [illegible] the earth's surface [illegible] V. M. [illegible] Byul. [illegible]

Determining the altitude above the earth's surface of an artificial satellite from the [illegible]

[illegible]

[illegible] artificial earth satellites [illegible]

[illegible]

[illegible]

ASTHMA

Bronchial asthma. H. Plyaka. Nauka i zhyttia 10 no. 1. 37-38 Ja '60.

Criterion for the determination of group invalidism in patients with bronchial asthma. K. V Krylova. Kaz. med. zhur. 41 no. 1:21-24 Ja-F '60

If the child has asthma A A Efimova Zdorov'e 6 no 5 30 My '60

Potassium and calcium level in the blood serum of patients with bronchial asthma G Kh Lazidi Vrach. delo no 1·91-93 '60.

ASTRAKHAN PROVINCE—FOOD, CANNED

We should increase the output of high quality canned food. A. A. Alekseev. Kons. i ov. prom. 15 no. 4 4-6 Ap '60

ASTRAKHAN PROVINCE—INSURANCE, SOCIAL

The trade-union council of Astrakhan controls the fulfillment of its decisions inadequately. M. Eventov Okhr truda i sots. strakh 3 no. 4 53-55 Ap '60

ASTRAKHAN PROVINCE—NATURAL RESOURCES

Our motto "For Lenin's attitude toward nature!" N. Lavrova. Vokrug sveta no 4,4-5 Ap '60.

ASTRAKHAN PROVINCE—RICE

Development of new forms in rice fields of the bottom lands and delta of the Volga River V I Svinarev Dokl AN SSSR 132 no 5 1183-1186 Je '60

ASTRAKHAN PROVINCE—TOMATOES—TRANSPORTATION

Transportation of ripe tomatoes with water in tank trucks T. F. Voronov. Kons. i ov. prom. 15 no. 4:36 Ap '60.

ASTRINGENTS

Use of astringent substances for the prevention and treatment of virus grippe V A. Zhulkevich Vrach delo no 1·87-89 '60

ASTRONAUTICS

Flights into space A Shternfel'd Nauka i zhyttia 10 no 2 14-17 F '60

Problems relating to the study of outer space. V. TSesevych. Nauka i zhyttia 10 no. 1,39-42 Ja '60.

Toward the mastery of outer space. V. Lutskii. Sov. voin 41 no. 22·7 N '59.

ASTRONOMICAL GEOGRAPHY

Astronomical geography. I. M. Zabelin. Nauka i zhizn' 27 no. 2:59-63 F '60.

ASTRONOMICAL OBSERVATORIES see subdivision under Kitab

ASTRONOMICAL PHOTOGRAPHY

Application of mirror-lens objectives for photographing artificial earth satellites [with summary in English]. N. N. IAkovlev. Astron. zhur. 37 no 3:550-554 My-Je '60.

Color astronomy. IUn. tekh. 4 no. 3·35-36 Mr '60.

Photography of nebulae with an electron telescope [with summary in English]. P. V. Shcheglov. Astron. zhur. 37 no. 3 586-587 My-Je '60.

ASTRONOMICAL PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Investigating the equipment for photographic observations of artificial earth satellites [with summary in English]. O. I. Bel'kovich, L. A Urasin. Biul. sta. opt. nabl. isk. sput. Zem. no. 3 10-15 '58.

Modification of the NAFA-3s/25 camera at Pulkovo [with summary in English]. L. M. Zatsiorskii. Biul. sta. opt. nabl. isk. sput. Zem. no. 6:13-15 '59.

Original astronomical apparatus Vest AN SSSR 30 no 6 101 Je '60

ASTRONOMY

(see also subdivision under Ukraine)

Certain theoretical generalizations of the formulas of spherical and practical astronomy. A. I. Kochetkov. Trudy TGU 144:125-147 '59.

Young astronomers' club. E. Rakhovskaia. Nauka i rel. no. 3:70-72 Mr '60.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy; abstracts.] Referativnyi zhurnal: Astronomiia i geodeziia no. 12 D '58; nos. 1, 5-10 Ja, My-O '59.

[Astronomy and geodesy; abstracts nos. 4801-5790.] Referativnyi zhurnal: Astronomiia i geodeziia no. 6 Je '60.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—CHARTS, DIAGRAMS, ETC.

Movable chart for calculating optical barriers [with summary in English]. V. N. Ivanov. Biul. sta. opt. nabl. isk. sput. Zem. no. 8:1-3 '59.

ASTRONOMY—HISTORY

Plenum of the Commission on the History of Astronomy. IU. G. Perel'. Astron. zhur. 37 no. 3,600-601 My-Je '60.

(see also subdivision under Kharkov)

Collimation errors in astronomical observations [with summary in English]. G. P. Pil'nik Astron. zhur. 37 no. 3,567-578 My-Je '60.

ASTRONOMY—RESEARCH

Brief news. Geod. i kart. no. 2:73 F '60.

ASTRONOMY—STUDY AND TEACHING

When the teacher wants and knows how. F. Gubenko. Nar. obr. no. 6:71-73 Je '60.

ASTRONOMY, SPHERICAL AND PRACTICAL

Simple reduction of coordinates in photographic photometry of noctilucent clouds. O. B. Vasil'ev. Biul. VAGO no. 27,40-47 '60.

Simultaneous determination of the latitude and clock correction from observations of four stars at equal altitudes [with summary in English]. L. N. Sukharev. Astron. zhur. 37 no. 3:555-566 My-Je '60.

Table for converting horizontal coordinates to equatorial. S. Kh. Khusainov, Sh. Karataev. Biul. sta. opt. nabl. isk. sput. Zem. no. 6:10-11 '59.

ASTURIAS—FEUDALISM

A history of the development of feudal landownership in Asturias and Leon from the ninth through the tenth century. S. V. Friazinov. Nauch. dokl. vys shkoly; ist. nauki no. 2:122-142 '58.

ASWAN DAM

As-Sad Al'-Ali, symbol of friendship Vokrug sveta no 4:63 Ap '60.

The Aswan Dam will be built but ancient temples won't be flooded Sylvain Dorian V zashch mira no 4 36-43 Ap '60

A step toward the new life. I. Beliaev. Ogonek 38 no. 5· 6 Ja '60.

ASYMPTOTIC EXPANSIONS

Asymptotic expansion of a solution for a class of system of two differential equations with holomorphic right-hand side. A. N. Erugin Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:27-42 '60.

ASYUT PROVINCE, EGYPT—SOCIAL CONDITIONS

Two days in Asyut. S. Kondrashov. Sovr. Vost. no. 6· 29-30 Je '60.

ATHEISM

(see also subdivision under Achkhoy-Martan District, Malorita District, Odessa Province, Ratno District; Ukraine)

Atheism. Nauka i rel. no. 1·86-87 S '59.

Atheism of Epicurus. IA. IA. Povarkov. Nauka i zhizn' 27 no. 2:49-51 F '60.

Atheistic education should be genuinely scientific. M. IA. Ass. Nauka i rel. no. 3 83-85 Mr '60.

Atheistic motifs in the poetry of toilers. L. A. Liasota. Nar. tvorch. ta etn. 3 no. 4:24-31 O-D '59.

"Atheist's manual," a book review. Kul't.-pros. rab. 2 no. 3:56-57 Mr '60.

Educate militant atheists. E. Baller. Nauka i rel. no. 2: 78-79 O '59.

For a better interpretation of our experience in atheistic propaganda M Mchedlov Kommunist 37 no. 10 153-155 Jl '60

[For militant atheism] Za voiovnychyi ateizm. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 240 p.

Formidable weapon. G. Zaitsev. Nauka i rel. no. 3· 73-74 N '59.

"Handbook of an atheist" Reviewed by A. Tolmachev. Agitator no. 11 62-63 Je '60

Handbook of the atheist. A. Tolmachev. Nauka i zhizn' 27 no. 2:74-75 F '60.

Here they train militant atheists. A. Kaskov. Klub 9 no. 2:22-24 F '60.

I stopped believing in God. N. Minenkov. Sem'ia i shkola 15 no. 2:30 F '60.

Immortal ideas of scientific atheism E. Chesnokov, L. Druianov. Nauka i rel. no 4 10-16 Ap '60.

The most important events in the life of churches and religious groups in the U.S.S.R. N. T. Mat. i soob. Issl. otd Inst. po izuch. SSSR no. 10:63-66 D '59.

Present-day religious sects. F. Garkavenko. Komm. Ukr. 35 no. 3·69-75 Mr '60.

Struggle against religion in the U.S.S.R. N. A. Teodorovich Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 10· 35-62 D '59.

Unite the atheists' forces. G. Flit. Kul't.-pros. rab. 21 no. 2:52-54 F '60.

ATHEISM—AUDIO-VISUAL AIDS

Visual aids for atheists. F. Maiorov. Agitator no. 7:50 Ap '60.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—CONTROVERSIAL LITERATURE

Avraamova, M. A. [History of ancient atheism; lecture for correspondence students of departments of philosophy of state universities] Iz istorii antichnogo ateizma; lektsiia dlia studentov-zaochnikov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1960. 44 p.

(see also subdivision under Ukraine)

Lessons of literature and life L. Zhukova, N Variushchenko Nauka i rel no 4 82-85 Ap '60

Using local materials in atheistic education. M. I. Tarasenko. Rad. shk. 39 no. 3·65-69. Mr '60.

ATHENS—DEMOCRACY

"Athenian democracy" [in English] by A. H. M. Jones. Reviewed by I. V. Pozdeeva. Vest. drev. ist. no. 1: 144-149 '60.

ATHLETES

Age and occupation of the participants in the Olympic games D Mishev. Teor. i prak. fiz. kul' 23 no. 6: 458-460 '60.

A Russian athlete. E. Markov. Ogonek 38 no. 9·29 F '60.

ATHLETICS

Value of "divine aid." G. Zybalov. Nauka i rel. no. 2: 63-64 O '59.

ATLANTIC OCEAN—FISHING—IMPLEMENTS AND APPLIANCES

Results of research on fishing techniques carried out by the South Atlantic Expedition of 1957 A. N. Dukhanin, IU. V Kadil'nikov. Trudy BaltNIRO no 4:161-203 '58.

ATLANTIC OCEAN—METROLOGY

Leningrad. Gidrometeorologicheskii institut. [International geophysical year. Materials of a conference on the problem "Interaction of atmosphere and hydrosphere in the northern part of the Atlantic Ocean"] Mezhdunarodnyi geofizicheskii god. Materialy konferentsii po probleme "Vzaimodeistvie atmosfery i gidrosfery v severnoi chasti Atlanticheskogo Okeana." Leningrad, Gidrometeoizdat, 1958. 2 v.
(CU-8)

ATLANTIC OCEAN—OCEAN TEMPERATURE

Role of the ocean surface in the formation of blocking anticyclones. V. G. Semenov. Meteor. i gidrol. no. 6· 17-20 Je '60.

ATLANTIC OCEAN—SARDINES

M t

fishery survey expedition of 1957] Issledovaniia tuntsa i sardiny v vostochnoi chasti Atlanticheskogo okeana; reisovyi otchet nauchno-poiskovoi ekspeditsii, 1957 g. Moskva, 1959 158 p.

ATLANTIC OCEAN—TRADE WINDS

Trade-wind circulation over the Atlantic Ocean. V. M. Shapaev. Trudy GGO no. 90:130-148 '60.

ATLANTIC OCEAN—TUNA FISH

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Study of tuna fish and sardines in the eastern part of the Atlantic Ocean; report on the cruise of the scientific fishery survey expedition of 1957] Issledovaniia tuntsa i sardiny v vostochnoi chasti Atlanticheskogo okeana, reisovyi otchet nauchno-poiskovoi ekspeditsii, 1957 g. Moskva, 1959, 158 p.

ATLANTIC OCEAN—WINDS

Estimating the feasibility of calculating winds over the ocean by atmospheric pressure fields [with summary in English]. A. I. Sorkina. Trudy GOIN no. 48:95-103 '59.

ATMOSPHERE

(see also subdivision under Antarctic regions)

Kinetic energy of atmospheric motions. G. V. Gruza. Izv. AN SSSR. Ser. geofiz. no. 6:892-897 Je '60.

Possible mechanisms of the relationship between ionosphere and troposphere synoptics. V. N. Kessenikh. Issl. ionosf. i met. no. 2,33-39 '60.

Type characteristics of principal variants of atmospheric circulation patterns during the warm season of the year. A. A. Girs. Probl. Arkt. i Antarkt. no. 2:43-48 '60.

ATMOSPHERE, UPPER

About the "corona" of the earth. S. N. Vernov. Znan. sila 35 no. 3:37-39 Mr '60.

Earth's corona. E. Saparina. Znan. sila 35 no. 3·34-35 Mr '60.

"Hot" electrons in the earth's atmosphere. IU. I. Galperin. Znan. sila 35 no. 3:36-37 Mr '60.

Types of irregular magnetic disturbances and mechanisms of influence of solar corpuscular streams on the outer atmosphere [with summary in English]. M. S. Bobrov. Astron. zhur. 37 no. 3:410-424 My-Je '60.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

Determination of the electron concentration of the ionosphere from the rotation of the plane of polarization of radio waves emitted by rockets. K. I. Gringauz, V. A. Rudakov. Dokl. AN SSSR 132 no. 6 1311-1313 Je '60.

Information of the Soviet Committee for the International Geophysical Year on the completion of the program of rocket observations in the upper atmosphere during the basic period of the International Geophysical Year (1957-1958). Mezhdunar. geofiz. god no. 8,7-15 '60.

Ionized gas and fast electrons in the vicinity of the earth and in interplanetary space. K. I. Gringauz and others. Dokl. AN SSSR 132 no 5 1062-1065 Je '60.

ATMOSPHERE [illegible]

[illegible]

ATMOSPHERIC [illegible]

[illegible]

ATOMIC [illegible]

[illegible]

ATOMIC POWER PLANTS

[illegible]

AUSTRALIA, NATIVE RACES

[illegible]

AUSTRALIAN LITERATURE [illegible]

[illegible]

AUSTRIA

[illegible]

AUSTRIA [illegible]

[illegible]

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Akademiia nauk SSSR Institut russkoi literatury. [Literary archives, materials on the history of literature and the social movement] Literaturnyi arkhiv, materialy po istorii literatury i obshchestvennogo dvizheniia Pod red K D. Muratovoi. Moskva, Izd-vo Akad nauk SSSR
Vol 5 1960 362 p

Chukovskii, K.I. [From memory; Boris Zhitov; June 1905, Il'ia Repin[and others] Iz vospominanii, Boris Zhitov, 1905, iiun'; Il'ia Repin [i dr.] Moskva, Sovetskii pisatel', 1959. 402 p.
(MiU)

Gor'kii, Maksim. [How I learned to write] O tom, kak ia uchilsia pisat'. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 37 p.
(NN)

Rudnyts'kyi, M.I. [Writers as I saw them; reminiscences] Pys'mennyky zblyz'ka, spohady. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1958. 168 p.
(CaOTU)

AUTOCLAVES

Automatic control condenser with RPD-S or RPS-S-11 direct action regulators for steaming chambers designed by Professor L A Semenov Rats. i izobr. predl. v stroi no 14 96-102 '60.

Selecting cement compositions for concretes and mortars to be subjected to short-time steam curing. M, T. Vlasova, Z. L. Daniushevskaia, I. V. Kravchenko. TSement 26 no. 2:22-26 Mr-Ap '60.

The simplest designs of steaming chambers and plants. M. Zonnenberh, O. Panchenko, H. Basovych Sil'. bud 7 no. 5 9-11 My '57.

Using vacuum techniques for cooling large porous products in autoclaves K E Gorialnov, I B Zasedatelev Stroi mat 6 no 6 18-20 Je '60

AUTOMATIC CONTROL

Alekseev, V. A., and I. L Vlasov. [One hundred automatic devices] Sto priborov-avtomatov. [Moskva] Mosk. rabochii, 1960. 62 p.

Analysis of a two-position compensation control circuit with constant prolonged excitations [with summary in English] A I. Cherepanov. Avtom i telem 21 no 3 310-316 Mr '60.

Analytical design of controllers. Part I [with summary in English] A. M. Letov. Avtom i telem. 21 no. 4: 436-441 Ap '60.

Application of Krylov's and Bogoliubov's method of asymptotic approximations in the investigation of delay systems [with summary in English]. V. S. Kisliakov. Avtom. i telem 21 no. 4 442-455 Ap '60.

Automatic adjustment of arc furnaces in case of voltage change in the network. N. A. Vasil'chenko. Izv. vys. ucheb. zav.; energ. 3 no. 6:57-68 Je '60.

Automatic control and mechanization of production processes at electric power plants of the Kalinin Electric Power System. M. V. Gurychev Energetik 8 no. 2 1-3 F '60

Automatic control and telemechanization of power installations of the Likhachev Automobile Plant in Moscow. A. M. Gevrilov. Prom. energ. 15 no. 3:1-4 Mr '60.

Automatic control condenser with RPD-S or RPS-S-11 direct action regulators for steaming chambers designed by Professor L A Semenov Rats. i izobr predl. v stroi no 14 96-102 '60

Automatic control in Ukrainian oil fields. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2:46 '60.

Automatic control is the wings of the seven-year plan P. Tkachenko Mast. ugl. 9 no 3 8b Mr '60.

Automatic control of fuel feed by means of electronic apparatus. IA. E. Vol'fkovich. Energokhoz. za rub. no. 2.42-43 Mr-Ap '60.

"Automatic control of production processes in the oils and fats industry" published by the Central Office of Technical Inforamtion. Masl.-zhir. prom. 26/ no. 6 46-47 Je '60.

Automatic control of SKEM-ZG sugar beet combines M. M Nastenko, I I Vasylenko Mekh. sil'. hosp. 11 no 3 25-26 Mr '60

Automatic load regulators for mining machinery motors L. A. Shoikhet, I. I. Langenbakh, V. A. Kozar'. Ugol' Ukr. 4 no. 2:29-30 F '60.

Automatic machine for piling cut veneer sheets. M. D. Davel'skii. Der. prom. 9 no. 2:9-10 F '60.

Automatic regulation of temperature in pasteurization. A A. Lapshin, V. N. Shuvalov. Trudy LTIKHP 13:54-70 '57.

Automatically controlled skip hoisting L. Kovalev. Mast. ugl 9 no. 3 9-10 Mr '60

Automatically controlled unit for precision manufacturing of mortises. A. I. Isakov, P. K. Parfenov. Der. prom. 9 no. 2:5-7 F '60.

Automation of centerless grinding I M. Stavitskii Avt prom. no 3 42-43 Mr '60.

Automatization applied to the stock taking of milled peat in the course of its harvesting. I. A. Lashnev, S. R. Feoktistov. Torf. prom. 37 no. 2:1-3 '60.

Automatization of continuous processes of cooking and sacharification. B. K. Grachev. Spirt. prom. 26 no. 2: 24-26 '60.

Best systems for the automatization of continuous rectification columns. L. L. Zaslavskii. Khim. prom. no. 8: 699-704 D '59.

Calculating the tuning of industrial control devices according to the maximum amplitude-frequency characteristic of a closed system V. V. Volgin. Izv. vys. ucheb zav., energ. 3 no. 6:117-126 Je '60.

Chunaev, M. V. [Principles of designing automatic control systems for founding processes] Osnovy konstruirovaniia avtomaticheskikh ustroistv liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 459 p.

Circuit for light and sound signaling without relays G B. Kogan Energetik 8 no. 2 16-17 F '60

Conference on the automatic control and mechanization of the rubber industry M V Potemkina Kauch i rez 19 no 2 48-50 F '60

Conference on the complete automatization of technological processes in petroleum refining I. L. Cherniak Khim. i tekh topl. i masel 5 no. 2 70-71 F '60

Conference on the mechanization and automatization of production N. I. Ignatenko, Sakh. prom. 34 no. 3:69 Mr '60.

Determination of the optimum weight function of a pulse system providing an extremum of a certain functional [with summary in English]. N. I. Andreev. Avtom. i telem. 21 no 4 465-473 Ap '60.

Determination of the positive interval of real frequency characteristics from a transient function curve L P Shiniberov Avtom i telem 21 no 3 420-421 Mr '60.

Determining the periodical movements of a class of relay systems of noncontinuous control. IU I. Alimov, Nauch dokl. vys. shkoly, fiz.-mat nauki no. 3:83-88 '59.

Device for the automatic regulation of the opening rate of rack slides L. Remennyi, E Tribel'gorn Muk.-elev. prom 26 no 2 15-16 F '60

Devices of the pneumatic standard-unit system used in cascade-connected control units. V. S. Prusenko. Priborostroenie no. 3:1-3 Mr '60.

Dynamics of an electromagnetic control element [with summary in English]. I. E Dekabrun, N. P. Kozlov, I. M. Krassov. Avtom. i telem. 21 no. 4 506-512 Ap '60.

Effect of stationary random processes on automatic control systems containing essentially nonlinear elements [with summary in English]. G. I. Platnitskii. Avtom. i telem 21 no 4:474-480 Ap '60.

Ekimov, K.K. [Mechanization and automatization of forging processes] Mekhanizatsiia i avtomatizatsiia kuznechno-shtampovochnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 161 p.

Electric drive with reciprocating motion. P. V. Baidiuk. Vest. elektroprom. 31 no. 3:74-75 Mr '60.

Evaluation of the effect of quantization by levels on processes in digital automatic control systems [with summary in English] IA. Z TSypkin Avtom. i telem 21 no 3 281-285 Mr '60.

Expand the introduction of over-all mechanization and automatic processes in construction for the transportation industry. K V. Mokhortov. Transp stroi. 10 no. 3.1-3 Mr '60.

Experimental determination of equivalent complex transmission coefficients of nonlinear sections of control systems I N. Pechorina Izv vys. ucheb. zav., radiofiz. 2 no 6:995-997 '59

Finite automata. Part 2. M. A. Aizerman and others Avtom i telem 21 no 3 359-366 Mr '60

Full automatic control. N. Skvortsov. Zhil.-kom. khoz. 10 no. 3:32-33 '60.

Gun, R. B., and M. B Rybak. [Complete automatic control of second-stage distillation units] Kompleksnaia avtomatizatsiia ustanovok vtorichnoi peregonki. Moskva, Gos. nauchno-tekhn izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 74 p.

Improving the mechanization and automation of the transportation of cement at precast concrete products plants. I. K. Malomot. Bet. i zhel.-bet. no. 3 101-105 Mr '60.

Interpolation method for the analysis of the precision of automatic control systems with random disturbances [with summary in English] V I. Cherenetskii. Avtom. i telem. 21 no. 4:481-488 Ap '60.

Lap self-doffing on a scutching machine. A. A. Dylevskii. Tekst. prom. 20 no. 2:74-76 F '60.

Letter to the editor. A. I. Cherepanov. Avtom. i telem. 21 no. 4:556 Ap '60.

Limits of regulating the speed of mining machine feed. IA. A Al'shits. Ugol' Ukr. 4 no. 3:12-13 Mr '60.

Mechanization and automation of electric-arc steel furnaces. N. V. Okorokov. Bezop. truda v prom. 4 no. 3:13-15 '60.

Moscow. TSentral'nyi institut informatsii chernoi metallurgii. [Ferrous metallurgy of capitalist countries] Chernaia metallurgiia kapitalisticheskikh stran. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Pt. 9 B. A. Levitanskii [Electric driving and automatic control] Elektroprivod i avtomatika. 1960. 451 p.

Necessary and sufficient conditions for the stability "on the whole" of a control system. A. P. Tuzov. Dokl. AN BSSR 4 no. 3:101-105 Mr '60.

New automatic control system for fermentors. N. A. Romanov. Priborostroenie no 3:24-25 Mr '60.

Numerical method for determining the periodic motions of automatic control systems IU. I. Neimark Izv. vys. ucheb zav., radiofiz 2 no. 6 989-994 '59

The 1L80 automatic machine-tool line. V. K. Mushtov. Biul. tekh.-ekon. inform. no. 3:15-16 '60.

Optimum control in case of random perturbations. N. N. Krasovskii. Prikl. mat. i mekh. 24 no. 1 64-79 Ja-F '60.

Over-all mechanization and automatization of the heat treatment of ceramic stones (comments on M I Rogovyi's and D O Konovalov's article) Stroi mat 6 no 3 25-27 Mr '60

Over-all stability of the state of equilibrium of relay control systems IU I Alimov Izv. vys ucheb zav., radiofiz 2 no. 6 957-960 '59

Photoelectric control of coal feeding. A. N. Ogurtsov, N. V. Dontsov, K. P. Baidal. Stroi. mat. 6 no. 4:25-26 Ap '60.

Principle of design for a self-piling section feeder for sewing machines. A. A. Ushakov. Shvein. prom. no. 1: 16-18 Ja-F '60.

Problem of the stability of relay systems in automatic control. IU. I. Alimov. Izv. vys. ucheb. zav.; mat. no 1:3-10 '60.

Problems in the automation of welding processes in automobile repair shops N Dotsenko. Avt transp. 38 no. 3 26-28 Mr '60

Protection from contacts to ground in high-voltage nets of coal mines. V. M. Mogilevskii. Prom. energ. 15 no. 4 22-25 Ap '60.

Shuvalov, N.K. [Systems of program control operating on a combined principle] Sistemy programmnogo regulirovaniia, rabotaiushchie na kombinirovannom printsipe. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 74 p.

Some problems in automating the production processes at building materials plants. A M Shapiro Stroi mat 6 no 6 6-9 Je '60

Steady states in automatic control systems [with summary in English]. B. V. Shirokorad. Avtom. i telem. 21 no. 4:456-464 Ap '60.

Strejc, Vladimir, and others. [Fundamentals of the theory of automatic control. Translated from the Czech] Osnovy teorii avtomaticheskogo regulirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 332 p.

Television automata. K. Mikhalkov. Radio no. 3:18-19 Mr '60.

Theory of an ideal model of an extremum controller [with summary in English]. V. V. Kazakevich. Avtom. i telem. 21 no. 4:489-505 Ap '60.

Theory of linear systems of the third order [with summary in English] IU. G. Zorenin Avtom i telem 21 no. 3.417-419 Mr '60

Water level relay with an electrode pickup I. I Shevchenko. Energetik 8 no. 2 18-20 F '60.

AUTOMATIC CONTROL—CONGRESSES

Conference on automatic control and methods of electric measurements. A. M. Iliukovich. Izm. tekh. no. 3: 57-58 Mr '60.

Coordinated conference on the problem of "Mechanization and automatization of coal and other ore mine surfaces." M. A. Antonovskaia, R. T. Znameniuk. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:149-150 My-Je '60.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Presnukhin, L. N., L. A. Serebrovskii, and D. B. IUdin [Fundamentals of the theory and design of control devices] Osnovy teorii i proektirovaniia priborov upravleniia Pod obshchei red. L. N. Presnukhina. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 263 p.

AUTOMATIC CONTROL—MODELS

Motion of an ideal model of a cyclic automatic control system having two degrees of freedom. B. M. Podchufarov. Izv. vys. ucheb. zav.; mashinostr. no. 7:3-8 '59.

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATIC TIMERS

Noncontact timer operating as a function of temperature. I. I. Pekker. Priborostroenie no. 4:29-31 Ap '60.

AUTOMATION

(see also subdivision under Irkutsk Province; Kharkov)

Aizerman, M. A. [Cybernetics and automation of industry] Kibernetika i avtomatizatsiia proizvodstva. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 12)

At a plant manufacturing automatic production lines. A. Shpigel', NTO 2 no. 3:10-11 Mr '60.

Automating processes of packing concrete in making construction elements [with summary in English, p. 66]. F. A. Latyshev and others. Visnyk ABIA URSR no. 1: 34-37 '60.

Automation of concrete and mortar plants. Bet. i zhel.-bet. no. 3:144 Mr '60.

AUTOMATION (Continued)

Automation of conveyer transportation in open pits of Ural mines. B. V. Faddev. Mekh. i avtom. proizv. 14 no 3 23-28 Mr '60.

Automation of production and labor organization in thermal electric power plant. G. Zviagintsev. Sots trud 5 no 1 108-111 Ja '60.

Changing nature of work owing to technological progress during large-scale building of communism. V. IA. Suslov. Uch. zap. kaf. obshchestv. nauk vuz. g. Len no. 2:3-29 '60.

The difference in automation between us and the capitalist countries. I. Bogun. Otv. na vop. trud. no. 109:16-24 '59.

For over-all mechanization and automation of sawmills IU R Bokshanin, A. V Khudiakov Les prom 38 no 2 24-25 F '60.

In the State Committee on Automation and Mechanical Engineering attached to the Council of Ministers of the U S S R Mekh. i avtom. proizv 14 no 3 56 Mr '60

Increasing organizational work in the struggle for technological progress. Plan. khoz. 37 no. 6:3-10 Je '60.

Increasing the effectiveness of technological progress. K. Klimenko. Vop. ekon. no. 7:17-26 Jl '60.

Interuniversity scientific conference on automation; from the pages of an institute newspaper. S. S. Petrukhin, A. IA. Shaidenko. Vest. vys. shkoly 18 no. 7,40-43 Jl '60.

Introducing automatic process in housing construction combines P I Bozhenov and others. Stroi i arkhit Len 22 no. 2:1-3 '60

Man and automatic machines. IUrii Rylov. Moskva 4 no. 2:149-155 '60.

Mechanization and automation of operations in preparing furnace charges and charging cupolas. V M. Pivko. Mekh. i avtom. proizv. 14 no. 3 31-34 Mr '60

Mechanization and automation of technological processes in the heavy machinery industry L. S Zhovnerovskii, G M. Kharaker. Mekh. i avtom. proizv 14 no 3 4-6 Mr '60

Method of determining the economic effectiveness of the mechanization and automation of production. A. Emel'ianov, V. Krasovskii. Plan. khoz. 37 no. 6.38-46 Je '60.

Methods of determining the effectiveness of over-all mechanization and automation A Efimov. Vop. ekon. no. 6 40-50 Je '60.

On the road to the automation of our refinery. A. S. Uryvskii. Neftianik 5 no. 5:17-18 My '60.

Organization of labor under conditions of the automation of petroleum production processes. A. Smirnov. Biul. nauch. inform.: trud i zar. plata 3 no. 1 10-16 '60.

Over-all automation of chain-assembling processes. B. P. Bogis. Vest mash 40 no 4 54-58 Ap '60

Over-all mechanization and automation in the shelterbelt afforestation. A. Shadrin. NTO 2 no. 3:22-23 Mr '60.

Petroleum is extracted by automation. L. Grishin. Uzbekiston 18 no. 8:7 Ag '59.

Planning new technology at the Plenum of State Scientific and Technical Committee of the U. S. S. R. Plan. khoz. 37 no. 6:93-96 Je '60.

Problems of technological progress in the national economy of Uzbekistan in the light of decisions made by the 21st Congress of the CPSU. Z. I. TSunts, I. P. Kalinkin. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1:12-19 '60.

Province scientific technological conference on mechanization and automation in the manufacture of machines. R A. Kapitskii Mekh i avtom proizv. 14 no. 3:48 Mr '60.

Rearranged automatic production lines. Biul. tekh -ekon. inform no. 2 83-86 '60.

Review of "Automation of technological processes in the manufacture of machines" by I. I. Shapovalov, A. IA. Bel'chenko, V. Gushchin. Mashinostroitel' no. 3:46 Mr '60.

Rotor lines are the future of automation. A. Rybkin. Tekh. mol. 28 no. 2:1-3 '60.

Solve creatively the problems of labor organization under conditions of modern technology. Sots. trud 4 no. 12. 68-74 D '59.

Some economic problems of technological progress Kommunist 37 no. 10:24-34 Jl '60.

"The Soviet worker and automation." Book review. Prof. -tekh. obr. 17 no. 3:31 Mr '60.

Study on the mechanization of labor ("Statistical study on the mechanization of labor" by IA. B. Kvasha. Reviewed by V. Krasovskii). Sots. trud 5 no. 2:151-154 F '60.

Today we are creating the technology of the future. A. I. Kostousov. Mol. komm. no. 3:26-35 Mr '60.

Vibrating mechanisms as means for the automation of technological processes. M. IA. Riaboi. Mekh. i avtom. proizv. 14 no. 3 12-15 Mr '60.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—CONGRESSES

Conference on introducing automatic processes in concrete and mortar plants. Mekh. stroi. 17 no. 4:32-3 of cover Ap '60.

Scientific technical conference on economic problems in the automation of the manufacture of machines. A. A. Dubasov. Vest. mash. 40 no. 3:81-82 Mr '60.

AUTOMATION—STUDY AND TEACHING

Let's have more textbooks on the new technology. Vest. vys. shkoly 18 no 7:89 Jl '60.

Vocations for automation. M. Vedernikov, M. Pryzhko. Prof. -tekh. obr. 17 no. 3:7-8 Mr '60.

Ways of training specialists for the mechanization and automation of production. I. I. Lebedev Vest. vys. shkoly 18 no. 7:8-13 Jl '60.

AUTOMOBILE DRIVERS
(see also subdivision under Moscow)

On a slippery road. I. Kruze. Za rul. 18 no. 2:20-21 F '60.

A summary is needed. L Lebedev Za rul 18 no 3 19 Mr '60

Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu. [Program for training members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy to qualify as 3d class drivers] Programma podgotovki chlenov dobrovol'nogo obshchestva sodeistviia armii, aviatsii i flotu na kursa pervichnykh organizatsii po spetsial'nosti shofera 3-go klassa. Moskva, 1954 77 p.

AUTOMOBILE DRIVERS—HANDBOOKS, MANUALS, ETC

"Manual for drivers of the second grade " Reviewed by B. Gel'burt Za rul 18 no 3 31 Mr '60

AUTOMOBILE DRIVERS' LICENSES

Answers to questions on automobile drivers' licences Avt transp. 38 no 3:49 Mr '60

AUTOMOBILE ENGINEERING

News of automobile engineering abroad Za rul 18 no. 3 28-29 Mr '60.

AUTOMOBILE INDUSTRY
(see also subdivision under Gorkiy, Minsk, Moscow, Poland, Ul'yanovsk; Vietnam, North)

First Soviet motor run. V. Poletaev, F. Sharonov. Ogonek 38 no. 10:5 Mr '60.

Soviet cars on the world market A Minaev Za rul 18 no 3 13-14 Mr '60

AUTOMOBILE INDUSTRY—SAFETY MEASURES see subdivision under Ul'yanovsk

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy, Miass, Minsk

AUTOMOBILE INDUSTRY WORKERS—DISEASES AND HYGIENE see subdivision under Minsk

AUTOMOBILE RACING

The master's rank imposes obligations. V. Egorov. Za rul. 18 no. 2:1 F '60.

Our work must be harmonious and full of initiative N. Strakhov. Za rul. 18 no. 3 2-3 Mr '60.

Racing abroad. Za rul. 18 no. 2:32 F '60.

Racing abroad Za rul. 18 no 3:32 Mr '60

AUTOMOBILES
(see also subdivision under United States)

Korostelin, A. S. [Automobiles with small-displacemen engines; for general use and sports] Mikrolitrazhnye avtomobili; obshchego naznacheniia i sportivnye. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 82 p.

New regulations for using official cars. Avt. transp 38 no. 2 44 F '60

Smaller automobiles supplant "highway dreadnoughts." Za rul 18 no 3 31 Mr '60.

AUTOMOBILES—AXLES

Rear axle of the "Volga" automobile. G. Vasserman, B. Dekhtiar. Avt. transp. 38 no. 2:45-47 F '60

AUTOMOBILES—COLD WEATHER OPERATION

Automatic engine preheaters. R. Grakhovskii, A. Samoilovich. Za rul. 18 no. 2:22-23 F '60.

Electric heating of automobile engines Rats i izobr predl. v stroi. no. 14 19-20 '60

AUTOMOBILES—DESIGN AND CONSTRUCTION

Givartovskii, L. A. [New models of the "Moskvich" automobile] Novye modeli avtomobiliia "Moskvich." Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 159 p.

Weight analysis of small automobiles. B. M. Fitterman. Avt. prom. no. 4:3-10 Ap '60.

AUTOMOBILES—DYNAMICS

Effect of changes in engine power on the dynamics of automobiles. D. M. Aronov. Avt. prom. no. 4:25-26 Ap '60.

AUTOMOBILES—ENGINES
(see also subdivision under United States)

Automobile engines using various fuels. A. P. Lebedinskii, I. I. Gershman. Avt. prom. no. 4:18-23 Ap '60.

How to soup up the MD-6 engine. B. Efimov, R. Ogarkov. Za rul. 18 no. 2:29 F '60.

Rotary piston engine. N. Pavlov. Za rul. 18 no. 2:28 F '60.

Stereorecording used in investigating fuel consumption processes in engines. IU. B. Sviridov, E. B. Shatrov, E K. Korsi. Avt. prom. no. 4,14-16 Ap '60.

Stress analysis of piston heads of connecting rods. IA. V. Tikhomirov Avt prom no 3 32-34 Mr '60.

The V-shaped engine of the small "Zaporozhets" car. F A Reppikh Za rul. 18 no 3 15-17 Mr '60

AUTOMOBILES—ENGINES—CARBURETORS

The "Ikov" carburetors. L. N. Gusarov, O K. Shukhov. Avt. prom. no. 4:39-42 Ap '60.

AUTOMOBILES—ENGINES—COOLING

Air-cooled engines. A. Aizenberg. Za rul. 18 no. 2:24-25 F '60.

AUTOMOBILES—ENGINES—TESTING

Coefficient of unsteady operating conditions of an engine. N. K. Kulikov, G. N. Zlotin. Avt. prom. no. 4:16-17 Ap '60.

Design and equipment of laboratories for testing engines by means of radioisotopes A. Kh Eliava. Avt prom no 3 34-37 Mr '60

AUTOMOBILES—EQUIPMENT AND SUPPLIES see subdivision under United States

AUTOMOBILES—FUEL CONSUMPTION

Effect of fuel economy of characteristics of hydraulic torque converters and the weight of an automobile. IU. I. Cherednichenko. Avt prom. no. 4.26-31 Ap '60.

AUTOMOBILES—LUBRICATION

Lubricating the bearings of wheel hubs M. Borisov, IU Suetin Avt transp 38 no 3 20-21 Mr '60

AUTOMOBILES—MAINTENANCE AND REPAIR
(see also subdivision under Minsk)

[Accessories for technical servicing and repair of automobiles.] Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei nos. 19-20 '60.

Improving the design and making maintenance easier. N Zakharov. Za rul 18 no 3 23 Mr '60.

Moscow. Avtomobil'no-dorozhnyi institut. [Economic problems in the operation and repair of automobiles] Ekonomicheskie voprosy ekspluatatsii i remonta avtomobilei. Moskva, Nauchno-tekhn. izd-vo avtotransp. lit-ry, 1958. 167 p.
(DBC)

AUTOMOBILES—MODELS

Klientovskii, G. B., and Z. IA. Paakhis. [Automobile models with rubber and spring-actuated engines] Modeli avtomobilei s reziinovymi i pruzhinnymi dvigateliami. Moskva, Izd-vo DOSAAF, 1960. 103 p. (Biblioteka iunogo konstruktora)

AUTOMOBILES—PAINTING

Eliminating the crushing of nitroenamel in the area of welded seams. D. P. Myshenko, I. A. Krotov. Avt. prom. no. 4:35 Ap '60.

AUTOMOBILES—SOCIETIES, ETC. see subdivision under Frunze

AUTOMOBILES—TESTING See subdivision under Hainan

AUTOMOBILES—TIRES

Replacing a damaged tube. G. Getsov. Za rul. 18 no. 2:21 F '60.

AUTOMOBILES—TOURING see subdivision under Yugoslavia

AUTOMOBILES—TRAILERS

Automobile trailer and motorboat K Chumakov. Za rul. 18 no. 3 20-21 Mr '60.

AUTOMOBILES—TRANSMISSION DEVICES

Novikov's gears used in automobile transmissions P. Vinokurov, V. Chepurnyi. Avt. transp. 38 no 3 37-38 Mr '60.

Using M. L. Novikov's gears. L. P. Mishenko, E. G. Roslivker. Avt. prom. no. 4:32-33 Ap '60.

AUTOMOBILES—TRANSPORTATION

Tow car with a hydraulic jack. N. B Kapilevich, N. N. Efimchenko. Mashinostroitel' no. 4:39 Ap '60.

AUTOMOBILES—WHEELS

Introduction of a new shape for automobile wheel rims. B M. Iliukovich. Metallurg 5 no. 3 27-29 Mr '60.

Using the method of chalk prints for determining the rolling radius of an automobile wheel. M I. Lur'e, N N. Tomilin. Avt. prom. no. 3 37 Mr '60

AUTOMOBILES, RACING

Racing automobiles. L. Shugurov. IUn. tekh. 4 no. 3:58-61 Mr '60.

AUTOMOBILES, RACING—ENGINES—CARBURETORS

Carburetors of sports and racing cars. V. V. Bekman. Avt prom. no 3 44-47 Mr '60.

AUTOMOBILES, RENTAL see subdivision under Moscow

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Combined action of neuroplegic and vasodilative substances V. I Il'inskii Vrach. delo no. 3 273-276 Mr '60

Denisenko, P. P. [Gangliolytics; their pharmacology and clinical application] Gangliolitiki, farmakologiia i klinicheskoe primenenie. [Leningrad] Medgiz, 1959. 118 p.
(DNLM)

Gangliolytics in the treatment of peptic ulcer [with summary in English] S M Ryss Vrach delo no 4 351-354 Ap '60

Use of ganglion-blocking substances in acute pancreatitis. G. S Lutsenko Vrach delo no 1·49-51 '60

AUTOPSY

Modification of the technic of sectional investigation of female sexual organs in abortion cases K. I. Khizhniakova Sud. -med. ekspert 2 no. 2,53-56 Ap-Je '59.

AUTORADIOGRAPHY

Studying vaporization processes of an oxide cathode by autoradiography. V. P. Vasil'ev, V. D. Moroz. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk no. 1 58-63 '60.

AVAR LANGUAGE—WORD FORMATION

A study of the phenomenon of inverted "synharmonism" in the Avar language IA. G Suleimanov Vop iaz 9 no. 2 93-96 Mr-Ap '60.

AVDEYEVKA—RAILROADS—EMPLOYEES

Run ahead, our engine! A. Volzhanin Smena 37 no 8· 16 Ap '60.

AVGUSTINIK, ARKADII IVANOVICH, 1900-

On A. I. Avgustinik's 60th birthday. Stek. i ker. 17 no. 3: 47 Mr '60.

AVICENNA, 980?-1057

Brief news V. K. Dzhumaev. Med. zhur. Uzb. no 8/9· 125-127 Ag-S '58

Classification of surgical diseases in the general section of the "Canon of Medical Science" of Abu Ali Ibn Sina V K Dzhumaev Med zhur. Uzb. no 8/9. 99-105 Ag-S '58

On the history of the development of exercise therapy in the works of Abu Ali Ibn Sina V. N Bekhtereva Med zhur Uzb. no 8/9 105-107 Ag-S '58.

Symptomatology of stomach diseases in Abu Ali Ibn Sina. A A. Askarov, A. A Finkel' Med. zhur. Uzb. no 8/9 95-98 Ag-S '58.

AVRAMENKO, IL'IA K.

The poetry of Il'ia Avramenko Gleb Borisov Zvezda no 3 210-213 Mr '60

AZERBAIJAN

In Azerbaijan Hasan Seidbeili Sov Soiuz no 4 14-15 '60

AZERBAIJAN—BENTONITE

Investigating the relationship between the chemical composition, the thermogram, and the structure of gilyabi having cracking and bleaching properties. Z. G. Zul'fugarov, S. M Rasulova, A. Aliev. Azerb. khim. zhur. no. 2;61-75 '59

AZERBAIJAN—BUILDING, BRICK

Brick in architectural monuments of Azerbaijan; Premongolian period. N. A. Sarkisov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12;201-210 '59.

AZERBAIJAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Life demands it I. Vorozheikin, A Ivanov Agitator no 13 54-57 Jl '60

AZERBAIJAN—COOKERY—EXHIBITIONS

Week of culinary exhibits. N. Maleev. Obshchestv. pit. no. 3·31 Mr '60.

AZERBAIJAN—CORN (MAIZE)

Studying varieties of corn sown on stubble in the Guba-Khachmas irrigation zone [in Azerbaijani with summary in Russian]. T M Gasanov Dokl AN Azerb SSR 16 no 1·77-79 '60

AZERBAIJAN—DECORATION AND ORNAMENT, ARCHITECTURAL

Structural characteristics of geometrical design in Azerbaijani architecture [in Azerbaijani with summary in Russian]. N. Askerova. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1·89-99 '60.

AZERBAIJAN—ECONOMIC CONDITIONS

In a close-knit family. N. Gadzhiev. Agitator. no. 8 12-16 Ap '60.

AZERBAIJAN—ECONOMIC POLICY

Akhundov, V. IU. [Azerbaijan in the seven-year plan] Azerbaidzhan v semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1959. 47 p

AZERBAIJAN—EFFICIENCY, INDUSTRIAL

Following the example of V. Gaganova. Musa Aslanly. Tekst. prom. 20 no 2 63-65 F '60.

AZERBAIJAN—EROSION

Studying the soil and rock talus of Belokany and Zakataly Districts for purposes of stabilization I. A Sachipanova Dokl AN Azerb SSR 16 no 1 65-69 '60.

AZERBAIJAN—HISTORY

Review of G. B. Abdullaev's book "From the history of northeastern Azerbaijan from the sixties to the eighties of the 18th century." E. Zevakin. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1 137-142 '60.

AZERBAIJAN—INDUSTRIES

Effect of the lowering level of the Caspian Sea on the economy of the Azerbaijan S S. R P V. Zhilo Trudy Okean. kom. 5 340-345 '59.

AZERBAIJAN—LABOR PRODUCTIVITY

Improving labor productivity in industrial enterprises of Azerbaijan during the years of the first five-year plan S Aslanov. Izv. AN Azerb SSR. Ser. obshchestv. nauk no 1 21-31 '60.

AZERBAIJAN—METEORITES

Yardymly meteorite E L Krinov Vest AN SSSR 30 no 6 132-134 Je '60

AZERBAIJAN—MINES AND MINERAL RESOURCES

The great spring IA. Gik. Ogonek 38 no. 17:12-13 Ap '60

AZERBAIJAN—MUSIC—HISTORY AND CRITICISM

Thoughts on the Azerbaijani Plenum L Genina, N Shakhnazarova Sov muz 24 no. 3 33-37 Mr '60

AZERBAIJAN—OIL FIELD BRINES—ANALYSIS

Radioactive elements in reservoir waters of Azerbaijan oil fields A. N. Nuriev, G. Kh Efendiev. Azerb. khim. zhur. no. 1;35-43 '59.

AZERBAIJAN—OIL WELL DRILLING—PRODUCTION STANDARDS

The planned and the actual amount of time involved in drilling works. Z. Berkolaiko. Sots. trud 5 no 3:86-89 Mr '60.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE

Derricks are moving into the sea M Pleskachevskii Sov profsoiuzy 16 no 10.45-47 My '60

AZERBAIJAN—PETROLEUM IN SUBMERGED LANDS

Effect of the lowering level of the Caspian Sea on the shore area of Azerbaijan in connection with problems in petroleum industry K. K. Giul'. Trudy Okean kom. 5.300-304 '59.

Oscillations of the level of the Caspian Sea and their effect on the exploitation of offshore oil fields. I. P Kuliev. Trudy Okean kom. 5 320-322 '59.

Outlook for the development of petroleum production in submerged areas of the Caspian sea during 1956-1960 in connection with the lowering of the sea level and the ice drift S R. Grobshtein. Trudy Okean. kom. 5 295-299 '59.

AZERBAIJAN—PETROLEUM INDUSTRY

Azerbaijan and Bashkiria are competing. I. I. Egorov. Neftianik 5 no. 5:13 My '60.

The strength of an example. Enver Abdullaev. Sov. profsoiuzy 16 no. 11:18-23 Je '60.

AZERBAIJAN—PHARMACEUTICAL SOCIETIES

Conference on research and practice of the Azerbaijanian Pharmaceutical Society and of the Main Pharmaceutical Administration of the Azerbaijanian S.S.R. M. A. Gasanov. Apt. delo 9 no. 2.75-76 Mr-Ap '60.

AZERBAIJAN—POLITICS AND GOVERNMENT

Our strength lies in friendship and brotherhood. Ogonek 38 no. 18:2-4 My '60.

AZERBAIJAN—ROCKS, CARBONATE

Secondary processes in Triassic carbonate deposits of the Shurar-Dzhul'fa anticlinorium. Sh. A. Azizbekov, F. A. Akhundov. Dokl. AN Azerb. SSR 16 no 1:45-47 '60.

AZERBAIJANI LANGUAGE—DIALECTS

Archaisms in the Kazakh dialect of the Azerbaijani language [in Azerbaijani with summary in Russian]. Ali Dzhafarly. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1:47-60 '60.

Morphological characteristics of the Nukha dialect [in Azerbaijani with summary in Russian]. I. Islamov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1 61-77 '60.

AZERBAIJANI LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Azerbaijan. New translations and publications. Inform biul. Sov. podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 17-18 Ag '58.

AZO COMPOUNDS

Substitution of halogen in azo compounds Part 10. Synthesis of monoethers of 2, 2'-dihydroxy-1, 1'-azonaphthalene and ethers of 1-amino-2-naphthol. B. I. Stepanov Zhur ob khim 30 no 6·2008-2014 Je '60.

AZO DYES

Products of the azo coupling of a diazo derivative with sulfonic acids of phenols, naphthols, naphthylamines, and aminonaphthols. M S Zhedek Zhur. prikl. khim 33 no 3 707-710 Mr '60.

Triazine derivatives Part 2 Data on the spectral color of some triazine monoazo dyes possessing active chlorine atoms V I Mur, G N Voroshtsov Zhur. ob khim 30 no 6 1981-1985 Je '60

AZONAPHTHALENE

Substitution of halogen in azo compounds Part 10 Synthesis of monoethers of 2, 2'-dihydroxy-1, 1'-azonaphthalene and ethers of 1-amino-2-naphthol B I. Stepanov. Zhur. ob khim 30 no 6 2008-2014 Je '60.

AZOTOBACTER

Causes of the toxicity of Podzolic soils with respect to Azotobacter [with summary in English] E P Gromyko Izv AN SSSR Ser biol. no. 2:265-271 Mr-Ap '60.

AZOXY COMPOUNDS

Studies of compounds tagged with C^{14} and N^{15}. Report No. 10: Reaction involving the isomerization of azoxy compounds, as studied with the use of N^{15}. M. M. Shemiakin, V. I. Maimind, B. K. Vaichunaite. Izv. AN SSSR Otd. khim nauk no. 5.866-871 My '60.

BCG VACCINATION—CONGRESSES

International Symposium on BCG in Warsaw. A I. Toganova. Vest. AMN SSSR 15 no 1 74-79 '60.

BABANKA DISTRICT—MOTION PICTURES IN AGRICULTURE

We show agricultural motion pictures on each collective farm H Pavlusha Sots kul't. 11 no 3 35-36 Mr '58

BABEUF, FRANCOIS NOEL, 1760-1797

An unpublished letter of Babeuf's. Nauka i rel. no. 2: 70-72 O '59.

BACH, JOHANN SEBASTIAN, 1685-1750

Albert Schweitzer and the study of Bach. M. Druskin. Sov. muz. 24 no. 3 61-70 Mr '60.

BACHYLA, ALES'

Sincere verse ("Youth" by Ales' Bachyla. Reviewed by Ul. Boika). Belarus' 17 no. 3:30 Mr '60.

BACTEREMIA

Some data on bacteremia and on body reactivity in otogenous thrombosis of the sigmoid sinus. V. IA. Gapanovich. Zdrav. Belor. 6 no. 2:30-31 F '60.

BACTERIA

Elephants and microbes. V. Ovchinnikov, M. Zemskov. Ogonek 38 no. 12:31 Mr '60.

Experimental evaluation of the surface disinfecting action of the bactericidal lamp BUV-LOP in relation to vegetative forms of microbes. N. I. Vol'vachev, N. N. Rudenko Gig. i san. 25 no. 2:92-94 F '60.

Studying the effect of N-phenylbenzamidine, N-phenyl-2-furamidine, and N-phenylamidine of 2-thiophenecarboxylic acid on the radiation resistance of suspensions of Bacillus anthracis, Bacillus cereus, Candida albicans and Staphylococcus aureus following irradiation with gamma rays of Co^{60} St. Robev, Sv. Todorov. Dokl AN SSSR 132 no. 5·1201-1203 Je '60.

BACTERIA, EFFECT OF DRUGS ON

Absorption of sulfanilamide preparations by bacterial cells. G. N. Pershin, L. I. Shcherbakova. Khim. i med. no. 11:89-98 '59.

BACTERIA, LUMINOUS see subdivision under Black Sea

BACTERIAL WARFARE

Belikov, L. A. [Bacteriological warfare and means of defense against it] Bakteriologicheskoe oruzhie i sposoby zashchity ot nego. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 107 p. (Nauchno-populiarnaia biblioteka)

BACTERICIDES

Bactericidal properties of certain synthetic resins, cellulose preparations, and fabrics finished with them. L. G. Gus'kova, K. A. Mudretsova-Viss. Sbor. nauch. rab. INKH no. 16;107-113 '59.

Bactericide properties of tomato products. L. M. Petrzhikovskaia. Izv. vys ucheb. zav., pishch. tekh. no. 1 87-93 '60.

Bactericides and fungicides. G. N. Pershin. Med. sestra 19 no. 4:7-12 Ap '60.

BACTERIOLOGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Thermostat combining electrical and kerosene heating. E. A. Gurevich, A. I. Stepanov. Lab. delo 6 no. 2:55-57 Mr-Ap '60.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

New [illegible] culture medium for cultivating and studying [illegible] chemical properties of Leptospira. A. [illegible] [illegible] Uch. zap. [illegible] no 2 71 87 '59

[illegible] the [illegible] of [illegible] on nutritive [illegible] from the hydrolysate of casein and the study of [illegible] and immunogenic properties [with summary in English]. [illegible] V. Vlasov, [illegible] Vinogradova [illegible] [illegible] no 2 175 184 [illegible] '60

[illegible] in fermentative methods for determining [illegible] N. A. Chekov, [illegible] M. [illegible] Lab. delo 6 no 2 [illegible] Mr Ap '60

[illegible] of metal [illegible] organisms [illegible] of their development [illegible] [illegible] no 2 [illegible] '59

[illegible] milk hydrolysate as a [illegible] medium for [illegible] I. G. Akimov, [illegible] Lab. delo 6 no 2 47 50 Mr Ap '60

BACTERIOLOGY—TECHNIQUE

[illegible] medium in the investigation of [illegible] objects of the environment, and [illegible] [illegible] Nikiforov, V. N. [illegible] Lab. delo 6 no 2 [illegible] Mr Ap '60

BACTERIOLOGY, MEDICAL

[illegible], V. I. [Sanitary bacteriology] [illegible] [Leningrad] Medgiz, 1959. 310 p. (DNLM)

BACTERIOPHAGE

[illegible] [illegible] [illegible] Jn '60

[illegible] [illegible] Jn '60

BADHYZ—PULMONATA, FOSSIL

[illegible]

BADIUZZ [illegible], PAHAMMAH, 1911-1960

[illegible] [illegible] Mr '60

BAGDAD [illegible]

[illegible]

BAGHMAN [illegible] BOTANY [illegible]

[illegible]

BA[illegible]

[illegible]

[illegible] relating to the [illegible] [illegible] [illegible] no [illegible] '60

[illegible]

[illegible] practice in the [illegible] [illegible] of the [illegible] [illegible] '60

[illegible] a study of [illegible]

BREAD BAKERIES

[illegible]

[illegible] installation. Khleb. i kond. prom. 4 no [illegible] Mr '60

[illegible] the production of the baking and confectionery industries. [illegible] Khleb. i kond. prom. 4 no [illegible] Mr '60

[illegible] V. [illegible], A. [illegible] Khleb. i kond. prom. 4 no 3 [illegible] Mr '60

[illegible] chart showing the operation of [illegible] Khleb. i kond. prom. 4 no 3 [illegible] Mr '60

[illegible] for [illegible] of the baking industry. V. P. [illegible] Khleb. i kond. prom. 4 no 3 [illegible] Mr '60.

[illegible]

BREAD BAKERIES—EQUIPMENT AND SUPPLIES

See also subdivision under [illegible], [illegible]

[illegible] head with a [illegible] piston. M. A. [illegible] Khleb. i kond. prom. 4 no 3 [illegible] Mr '60.

BREAD BAKERIES—PERIODICALS

[illegible] readers of [illegible] of "Khlebopekarnaia i konditerskaia promyshlennost'." Khleb. i kond. prom. [illegible] Mr '60.

BAKERIES AND BAKERIES—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

BAKICHARAY DISTRICT—FORAMINIFERA, FOSSIL

Upper [illegible] foraminifera from the [illegible] (Bakh. [illegible] District). [illegible] Trudy VNIGRI [illegible] '60

BAKICHARAY RESERVOIR—FRESH WATER FAUNA

New species in the fauna of [illegible] [with summary in English]. [illegible] Zool. zhur. [illegible]

BAKHMETEV, PORFIRII IVANOVICH, 1860-1913

Story of a discovery. M. M. [illegible] [illegible] no 2 [illegible] '60

BAKHTA VALLEY—GEOLOGY, STRUCTURAL

Several characteristic features of the relief of Bakhta River bed and valley. [illegible] [illegible] no 3 [illegible] Mr '60

BAKU—COMMUNIST YOUTH LEAGUE

[illegible]

BAKU—EUCALYPTUS

[illegible]

BAKU—FIREMEN

[illegible]

BAKU—FIREMEN—COMPETITIONS

[illegible] deep fire fighting [illegible]

BAKU—INDUSTRIES

[illegible]

BAKU—OIL WELL DRILLING, SUBMARINE

[illegible]

BAKU—PETROLEUM INDUSTRY—HYGIENIC ASPECTS

[illegible]

BAKU—PROFESSIONAL EDUCATION

[illegible]

BAKU AND [illegible] MINERAL WATERS

[illegible]

BAKU BAY—HYDROLOGY

[illegible]

BAL[illegible], VASILII MIKHAILOVICH, 1899

[illegible]

BALAKHNA—SILT

Properties of [illegible] [illegible] no [illegible]

BALAKHNA—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible]

BALAKHNA—PAPERMAKING MACHINERY

[illegible]

BALAKOVO—STEAM TURBINES

[illegible] of the [illegible] V. A. [illegible] [illegible] '60

BALAKHNA—WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible]

BALAKLEIA—CEMENT INDUSTRY

[illegible]

BALANCE

[illegible] [illegible] Mr '60

BALANCING OF MACHINERY

[illegible]

The [illegible] special-purpose balancing machine. V. N. [illegible] [illegible] '60

BAL[illegible]

[illegible]

BAL[illegible]

[illegible]

BALKAN PENINSULA—[illegible] AND TRAVEL

[illegible]

BALKHASH [illegible]

[illegible]

BAL[illegible]

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BAL[illegible]

[illegible]

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BAL[illegible]

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BAL[illegible]

[illegible]

BALTIC SEA—[illegible]

[illegible]

BALTIC STATES—[illegible]

[illegible]

BALTIC STATES—[illegible]

[illegible] 1959. [illegible] Baltic [illegible] [illegible]

BALTIC STATES—[illegible]

[illegible]

BALTIC STATES—[illegible] MACHINERY

[illegible]

BALT[illegible] see [illegible]

ND SAWS
utomatic production of band saws. A.I.Vorob'ev, V.A.
Zeleneev. Mashinostroitel' no.3 6-7 Mr '60

ID SAWS—WELDING
pparatus for welding band saws. M.E.Margus. Der.
prom. 0 no.3,22 Mr '60.

IDAGES AND BANDAGING
'luence of compression of the quality of dressing mate-
ials. L.M.Smetana. Apt.delo 9 no.1:34-38 Ja-F '60

ANDS (MUSIC)
ich club should have a band M Rudenko Sots kul't
1 no 3 30-31 Mr '58

IDUNG, INDONESIA—DESCRIPTION AND TRAVEL
e are going to Bandung! Norbert Frid. Vokrug sveta
no.4:36-38 Ap '60

DUNG CONFERENCE, 1955
fth anniversary of the Bandung Conference B I Pota-
ovskii Vest AN SSSR 30 no 6 129-130 Je '60

NG'S DISEASE see Brucellosis in cattle

KS AND BANKING
ee also subdivision under Bendery, Idzhevan, United
tates)
iferences and seminars. Den.i kred. 18 no.6:92-93
'60.
om our readers' letters. Den.i kred. 18 no.6 59-75
e '60.
prove work with personnel and increase bank control.
, Zinov'ev. Fin SSSR 21 no 6,34-39 Je '60.
he Board of Directors of the State Bank of the U.S.S.R.
en.i kred. 18 no.6:91-92 Je '60.
rease the economic level and effectiveness of control
ver wage fund disbursements. S.Verbitskii. Den.i
red. 18 no.6 27-34 Je '60.
e Russian-Asiatic Bank group during 1914 and 1915.
, P.Korelin. Nauch.dokl.vys.shkoly,ist.nauki no.1
7-55 '60.
engthen bank connections with regional economic coun-
ls. B.Elenevich, A.Korzhanovskii. Den.i kred. 18
o.6:43-48 Je '60.
sks of State Bank enterprises in connection with the
ansition to a seven-hour working day. S.Pleshakov.
en.i kred. 18 no.6:9-15 Je '60.
ng an accredited form of payment as a sanction.
Gurevich. Den.i kred. 18 no.6:35-39 Je '60.
, Lenin on credit and banks and the present-day capi-
list reality. E.Bregel'. Den.i kred. 18 no.6:16-26
'60.

KS AND BANKING—PERIODICALS
iference of readers of "Den'gi i kredit." Den. i kred.
no.6:76 Je '60.

ZARE BANK
search of the Banzare Bank. V.N.Mal'tsev. Inform.
iul.Sov.antark.eksp no.14 31-32 '60.

TISTS—DOCTRINAL AND CONTROVERSIAL WORKS
yshev, A. A. [Evangelical Christians - Baptists,
eir ideology and ethics] Evangel'skie khristiane-
aptisty; ikh ideologiia i moral'. Kiev, 1960. 39 p.
Obshchestvo po rasprostraneniiu politicheskikh i
auchnykh znanii Ukrainskoi SSR. Ser.4, no.2)

ASSOCIATIONS
e also subdivision under Leningrad)
at should be the regulations governing the legal pro-
ession. A.Gukov and others. Sov.iust. no.3:55-57
r '60.

BINSK—RAILROADS—COMMUNICATION SYSTEMS
are making improvements in the use of power supply
uipment at communication centers. L.P.Tret'iakov.
tom., telem.i sviaz' 4 no.4:33-34 Ap '60.

NOVICHI—EDUCATION, COOPERATIVE
ough forests and swamps. S.Doshkevich. Prof.-tekh.
r. 17 no.2:20 F '60.

ERS
p in at "Youth"! A.Mishuris. Smena 37 no.4:17
'60.

ITURATES
rometric determination of barbiturates [with summary
English]. L.I.Rapaport. Apt.delo 9 no.1:25-28
-F '60.
hesis of barbiturates labeled with C^{14} and S^{35}. IU.V.
rkova, L.N.Zenkova, M.N.Shchukina. Khim.i med.
11:60-68 '59.

ITURATES—TOXICOLOGY
ctiveness of the use of large doses of strychnine in
rbiturate poisoning. I.E.Averbukh, N.D.Bulkin,
K.Poppe. Vrach.delo no.3:311-313 Mr '60.

DIN, IVAN PAVLOVICH, 1883-1960
emory of Ivan Pavlovich Bardin. Mezhdunar.geofiz.
no.6:3-4 '60.
Pavlovich Bardin. Koks i khim. no.1:1-2 '60.

Ivan Pavlovich Bardin. Tekh.mol. 28 no.2:33 '60.

Ivan Pavlovich Bardin (biography). V.V.Rikman. Zav. lab. 26 no.4:516-520 '60.

Ivan Pavlovich Bardin; an obituary. Ogneupory 25 no.1 insert '60.

BARENTS SEA—COAST CHANGES

Recent vertical coast movements of the White and Barents Seas L P Orlenko Izv vys ucheb zav , geod i aerof no 2 95-98 '60

BARENTS SEA—ICE

Forecasting the position of the ice edge in the Barents Sea. Probl.Arkt.i Antarkt. no.2:22-23 '60.

BARGES—TESTING

Operational testing of strength and losses in propulsive speed of barge tankers and diesel freighters. IU.L. Beliak, IU N.Mamontov. Trudy TSNIIRF no.40:49-68 '59.

BARIUM

Strontium and barium content of feed and water and their distribution and metabolism in the animal organism. R.N.Odynets. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.1: 119-125 '59.

BARIUM NITRATE

Electric conductivity of a ternary system composed of sodium, potassium, and barium nitrates. P.I.Protsenko, O.N.Shokina. Zhur.neorg khim. 5 no.2: 437-448 F '60.

BARK

Anatomical study of the bark in tall-growing and dwarf apple trees L.I Lotova. Vest.Mosk.un.Ser biol , pochv., geol , geog 14 no 3:45-58 '59.

BARK BEETLES see subdivision under Georgia

BARLEY

Biological stimulators of barley corn and ways of using them in the food industry. N.V.Novotel'nov and others. Trudy LTIKHP 13:7-16 '57.

BARLEY—FERTILIZERS AND MANURES

P_2O_5 motion in peat soils and its absorption by barley plants T N.Kulakovskaia Trudy Belar nav.-dasl. inst mel i vod hasp 8 219-233 '58

BARLEY—FIELD EXPERIMENTS

Results of farm experiments with the method of hardening seed barley against droughts [with summary in German]. K.L.Mart'ianova Fiziol.rast. 7 no.3:363-365 '60.

BARNAUL—INDUSTRIAL HYGIENE

"Krokodil" visits the shops G.Bochkarev. Okhr.truda i sots.strakh. 3 no.2:31 F '60.

BARNS

Provide barns for all livestock. G.Dladik. Sil'.bud. 10 no.3,22 Mr '60.

BARSA-KEL'MES PRESERVE

Barsa-Kel'mes Preserve. L S.Shaldybin Uch zap. GGPI 20 147-156 '58

BARSUKOV, MIKHAIL IVANOVICH, 1890-

Eminent figure in the Soviet public health service; on the 70th birthday of M.I.Barsukov. G.R.Kriuchok. Zdrav. Belor. 6 no.2:71-72 F '60.

In the service of the people; on Professor M.I.Barsukov's 70th birthday. A.Gorfin. Sov.kras.krest 10 no.1:8 Ja-F '60.

BARTOK, BELA, 1881-1945

Bartok and the Ukraine. Laszlo Sandor. Ukraina no.6: 14-15 Mr '60.

BASEL, SWITZERLAND—GARAGES

Automatic parking garage in Basel. N Ostrovskii. Avt. transp. 38 no.3 58-60 Mr '60.

BASHKIRIA—ECONOMIC CONDITIONS

Takhaev, Kh.IA. [Natural conditions and resources of the Bashkir A.S.S.R.; economic geography] Prirodnye usloviia i resursy Bashkirskoi ASSR; ekonomiko-geograficheskaia kharakteristika, Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 296 p.

BASHKIRIA—GRAIN

Supply collective and state farms with good seeds. A.Al'ferov. Muk -elev.prom 26 no.2:28 F '60.

BASHKIRIA—OIL FIELDS

New oil fields in Bashkiria. Izv.vys.ucheb.zav.; neft' i gaz 3 no.2:32 '60.

BASHKIRIA—PETROLEUM INDUSTRY

Azerbaijan and Bashkiria are competing. I.I.Egorov. Neftianik 5 no.5:13 My '60.

BASHKIRIA—PETROLEUM INDUSTRY—LABOR PRODUCTIVITY

New technology and labor productivity in extracting oil in Bashkiria. A.Samigullin. Sots.trud 5 no.3:60-64 Mr '60.

BASHKIRIA—SEISMIC PROSPECTING

First results of using the controlled directional sensitivity method in seismic prospecting for reef-type structures in Bashkiria. IU.N.Voskresenskii. Trudy MINKHiGP no.26:182-194 '60.

BASHKIRIA—TUBERCULOSIS

Republic conference of phthisiologists in Bashkiria. E.I. Ustinova. Probl.tub. 37 no.8 104-106 '59.

BATAISK—GIRDERS

Making wire-reinforced girders. A.A.Vshivtsev, E.V. Tumas Avt.dor. 23 no.6:9-10 Je '60.

BATHS—PHYSIOLOGICAL EFFECT

Effect of an SK-9 emulsion on certain economic and physiological characteristics of cows. N.G.Khamitov. Uzb. biol.zhur. no.1:53-57 '60.

BATHS, PUBLIC

Improve the standard designs of communal baths. G.Klechanovskii. Zhil-kom.khoz. 10 no.3:12-13 '60.

BATS

Night fighters. IUn.nat. no.4:39-40 Ap '60.

BATTARBEE, REX

"Rex Battarbee - artist and founder of the aboriginal art movement in central Australia" [in English] by T.G.H. Strehlow Reviewed by A.Novitskaia. Sov.etn. no.1: 174 Ja-F '60.

BATUM—HOURS OF LABOR

Working under the seven-hour reduced workday. V.G. Beliavskii. Neftianik 5 no.5:30 My '60.

BATYNSHAY VALLEY—CEPHALOPODA, FOSSIL

A new representative of Tainoceratidae Hyatt from the Verkhoyansk area. V.N.Shimanskii. Paleont.zhur. no.4:110-114 '60.

BAUXITE see subdivision under Siberia, Eastern

BAVLY—PETROLEUM

Structural group analysis of kerosene from Bavly Carboniferous petroleum. N.G Amirkhanova and others. Khim.i tekh.topl.i masel 5 no.2,36-43 F '60.

BAZAR-DYUZI, MOUNT—GLACIERS

Modern glaciation on Bazar-Dyuzi. B.A.Budagov, L.M. Kisin. Dokl.AN Azerb.SSR 16 no.1:20-33 '60.

BAZHENOV, VASILII IVANOVICH, 1737-1799

New materials for the biography of V.I.Bazhenov. O.Vol'tsenburg. Soob.Gos.Erm. no.15:17-20 '59.

BAZILI, KONSTANTIN MIKHAILOVICH, 1809-1884

K.M.Bazili, Russian diplomat and expert of Syrian history. I.M.Smilianskaia. Och.po ist.rus.vostokoved. no.4:52-78 '59.

BEAN OIL see Soy-bean oil

BEARING INDUSTRY
(see also subdivision under Kuybyshev)

Certain questions of labor organization under conditions of modern technology. N.Kabanov. Sots.trud 5 no.3: 53-59 Mr '60.

This is how our plant committee realizes its rights. M.Nazarov. Sov.profsoiuzy 16 no.8:56-58 Ap '60.

BEARING METALS

Using pseudoalloys for replacing bronzes and babbitts. I.IA.Al'shits and others. Vest.mash. 40 no.3:3-6 Mr '60.

BEARINGS (MACHINERY)

Antifriction disks should be made in factories. V.F. Omel'ianovich. Elek.i tepl.tiaga 4 no.4:45 '60.

Resistance to the rolling of roller bearings along conveyer belts. P.N.Utrobin. Izv.vys.ucheb.zav.; gor.zhur. no.1.119-123 '60.

BEARINGS (MACHINERY)—LUBRICATION

Calculating the frequency for filling antifriction bearings with grease. G.IA.Shkil'ko. Prom.energ. 15 no.3:42-43 Mr '60.

BEARINGS (MACHINERY)—STANDARDS

[Clamp caps for antifriction bearings; design and specifications] Kryshki prizhimnye dlia podshipnikov kacheniia; konstruktsiia i ispolnitel'nye razmery. Moskva, Gos.izd-vo standartov, 1959. 35 p. (Normali mashinostroeniia SSSR)

BEARINGS (MACHINERY)—TESTING

Checking contact angles of radial-supporting bearings. N.V.Bruevich, Z.M.Breitman. Izm.tekh. no.3:2-4 Mr '60.

Effect of the sliding speed and the roughness of bearing journals on the wear of sliding bearings. A.L.Chesnov. Trudy Sem.po kach.poverkh. no.4:13-31 '59.

BEAUTY, PERSONAL

How to prevent wrinkles. S.Bashmakova. Belarus' 17 no.3:29 Mr '60.

BEAUTY SHOPS

Drop in at [illegible] A. Mikhaelis. [illegible] 17 no. 4 [illegible] F '60.

BEE CULTURE

Kovalev, A.M. [Honey bearing plants and the development of bee culture in the central districts of the U.S.S.R.] Medonosnye rasteniia i razvitie pchelovodstva v tsentral'nykh raionakh SSSR. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 398 p. (DLC)

Skrebtsov, P.P. [Bee colonies] Pchelinaia sem'ia. [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. [illegible] p. (DLC)

[illegible] [For the young beekeeper, a manual for clubs in secondary schools] [illegible] Moskva, [illegible] 1959. [illegible] p. (DLC)

BEES

[illegible]

BEETHOVEN, LUDWIG VAN, 1770-1827

[illegible]

BEETS

Nutritional value of table beets grown with copper [illegible] varying fertility and with a [illegible] [illegible] Ag [illegible] 15

BEETS, SUGAR see Sugar beets

[illegible], ANATOLII [illegible], 1890-

[illegible] on his 70th birthday. [illegible]

BEGIN, ABRAHAM, [illegible]

[illegible]

BEKETOV, NIKOLAI NIKOLAEVICH, 1827-1911

N.N. Beketov and the special [illegible] features of physicochemical [illegible] [illegible]

BELAIA [illegible] — LANDSCAPE [illegible]

[illegible]

BELAIA [illegible] — SUGAR BEETS

[illegible]

BELAIA [illegible] — [illegible] AND [illegible]

[illegible]

BELAIA KALITVA [illegible] — [illegible]

[illegible]

BELAIA KALITVA [illegible] — PHYSICAL GEOGRAPHY

[illegible]

BELGIUM

[illegible]

BELGIUM — LABOR PARTIES

[illegible]

BELGIUM — TEXTILES

[illegible]

BELGOROD — [illegible]

The Belgorod Department of Social Security [illegible]

BELGOROD PROVINCE — STATISTICS

[illegible]

BELGOROD PROVINCE — SUGAR INDUSTRY — EQUIPMENT AND SUPPLIES

Conference on the mechanization and automatization of production. N.I. Ignatenko. Sakh. prom. 34 no. 1:60 [illegible] '60.

BELIAKOVSKII, NIKOLAI ALEKSANDROVICH, d. 1959

N.A. Beliakovskii; obituary. N.N. Popov. Vest. Inst. [illegible] 112-113 Ja-Mr '60.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

[illegible] life. N. Balabin. [illegible] My '60.

[Life and works of V.G. Belinskii; materials for exhibits in schools and in children's libraries] Zhizn' i tvorchestvo V.G. Belinskogo; materialy dlia vystavki v shkole i detskoi biblioteke. Moskva, Detgiz, 1959. 7 p. (NNC)

BELKIN, ALEKSANDR VLADIMIROVICH

[illegible] Petropavlovsk. A. Kuznetsova. [illegible] 30 no. 9:20 My '60.

BELLADONNA

[illegible]

BELLECOMBE, JEAN, d. ca. 1815

[illegible]

BELLINGSHAUSEN SEA REGION — OCEAN CURRENTS

[illegible]

BELOVA, [illegible]

[illegible]

BELTS AND BELTING

[illegible]

BELT [illegible] — [illegible] AND [illegible]

[illegible]

BELTS [illegible] — [illegible]

[illegible]

[illegible] — [illegible] AND [illegible]

[illegible]

[illegible] — [illegible] AND TRAVEL

[illegible]

[illegible]

[illegible]

BENZENE

[illegible]

[illegible]

[illegible]

Impurities in pure benzene. L.IA. Kolibaba, M.I. Lopatina, [illegible] Koks i khim. no. [illegible] '60.

"Intensifying the operation of benzene sections in byproduct coking plants" by K.A. Belov, S.N. Lazorin. Reviewed by M.M. Dmitriev. Koks i khim. no. [illegible] '60.

Interaction of [illegible] in molecular systems consisting of [illegible] connected by hydrogen bridges. [illegible] Izv. vys. ucheb. zav.; khim. i khim. tekh. [illegible] '60.

Oxidative desulfurization of benzene. N.N. [illegible] Koks i khim. no. [illegible] '60.

Oxidation [illegible] Izv. AN SSSR. Otd. khim. nauk no. [illegible] My '60.

Results of investigating the absorption of ultrasonic waves in certain liquids and mixtures. A.A. Berdyev and others. Trudy Inst. fiz. i geofiz. AN Turk. SSR [illegible] '58.

Some physical characteristics of alkyl derivatives of benzene. [illegible] Dokl. AN SSSR [illegible] no. [illegible] Je '60.

[illegible] of nitrogen and benzene vapors by a tungsten [illegible] catalyst. [illegible] Izv. AN SSSR. Otd. khim. nauk no. [illegible] My '60.

Temperature dependence of relaxation time in chlorobenzene and bromobenzene [in Azerbaijani with summary in Russian]. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. [illegible] '59.

BENZENE — SPECTRA

Spectral method for determining the amounts of ethylbenzene present in styrene. A.I. [illegible] Zav. lab. [illegible] '60.

Spectroscopic determination of ethylbenzene in industrial styrene. [illegible] Zav. lab. [illegible] '60.

BENZENESULFONIC ACID

[illegible]

BENZIL

[illegible]

BENZIDINE

Derivatives of [illegible]

BENZOFURAN

[illegible]

BENZOIC ACID

[illegible]

BENZOQUINONE

[illegible]

BENZOYL CHLORIDE

[illegible]

BENZOYL PEROXIDE

[illegible] Izv. AN [illegible]

BERDIAEV, NIKOLAI ALEKS. BIBLIOGRAPHY see Berdiaev, Nikolai Aleksandrovich, 1874-1948

BEREGOVO DISTRICT — COMMUNITY CENTERS

"I am a citizen of the Soviet Union." [illegible] Vsadnikovskaya. [illegible]

BEREZA — CONSTRUCTION WORK

A girl in the skies. M. Shymanskii. [illegible] '60.

BEREZOVO REGION (TYUMEN' PROVINCE) — WATER, UNDERGROUND

Hydrogeological conditions in the [illegible] [illegible]

BERGAMO — HYDRAULIC ENGINEERING

Experimental Institute of Models and Structures of Bergamo, Italy. V.I. [illegible] Izv. VNIIG [illegible] '59.

BERGER, ANATOLII KSAVERIEVICH, 1889-
On the 70th birthday of A.K.Berger Vest.drev.ist. no 1:209 '60.

BERING SEA—DIATOMS
Diatoms in the surface layer of sediments in the Bering Sea. A.P.Zhuze. Trudy Inst.okean 32:171-205 '60

BERING SEA—FORAMINIFERA
Distribution of Foraminifera in the western part of the Bering Sea. N V. Beliaeva, Trudy Inst.okean. 32 158-170 '60

BERING STRAIT
Page of open letters. Tekh.mol. 28 no.2:30 '60.

BERING STRAIT—DAMS
Will the North become warmer? D.A Drogaitsev. Priroda no 6 35-42 Je '60

BERING STRAIT—RAILROADS
Great transworld railroad. A.Markin Tekh.mol 28 no.2 22 '60

BERLIN—ECONOMIC CONDITIONS
Berlin. Deutsches Wirtschaftsinstitut. [Decline of the economy of West Berlin and ways of overcoming it. Translated from the German] Upadok ekonomiki Zapadnogo Berlina i puti ego preodoleniia Moskva, Izd-vo inostr lit-ry, 1960. 77 p.
(DS)

BERLIN—MUSIC
Music in Berlin Ernst Krause Sov.muz. 24 no 3 189-190 Mr '60.

BERLIN, BATTLE OF, 1945
For the sake of life. P.Troianovskii. Sov.voin 42 no.8: 4-8 Ap '60.

BERRIES
Beginning of the berry season. V.I Dolgoshov. Priroda no.6 127-128 Je '60.

BERYLLIUM—TESTING
Surface tension of liquid beryllium. V.N.Eremenko, B.I. Nizhenko, T'ai Shou-ewi. Izv.AN SSSR.Otd.tekh.nauk Met.i topl. no.3:116 My-Je '60.

BERYLLIUM OXIDE
Solid phases in the system BeO - TiO_2. E.K.Keler, E.N.Isupova. Zhur neorg.khim. 5 no.2 433-436 F '60

BERYLLIUM SULFATE
Effect of ethanol on the joint solubility of beryllium and calcium sulfates L P Reshetnikova and others Vest.Mosk un Ser 2 Khim 14 no 2 50-52 Mr-Ap '60

BERZENOV, NIKOLAI GEORGIEVICH, 1831-1874
Nikolai Georgievich Berzenov, ethnographer and writer. A.Kh Magometov Izv.Sev.-Oset nauch.-issl.inst. 21 no 1 179-194 '58.

BESLAN—CORNSTARCH
Investigating the heat transfer in the evaporation of second run sirup at the Beslan corn combine. S.K. Zhura. Sakh.prom. 34 no.3:61-64 Mr '60.

BESSEL'S FUNCTIONS
Investigating a certain class of definite integrals containing the square of a Bessel's function of the first order. K.S.Shifrin, E.P.Novosel'tsev. Trudy GGO no.100 25-36 '60.

Korenev, B.G. [Some problems on the theory of elasticity and heat conduction solvable in Bessel functions] Nekotorye zadachi teorii uprugosti i teploprovodnosti, reshaemye v besselevykh funktsiiakh. Moskva, Gos. izd-vo fiziko-matem.lit-ry, 1960. 458 p.

BESSEMER PROCESS
(see also subdivision under France)
Converter steel produced by means of an oxygen blow. L.D.Kevesh, B I.Kotov, V.M.Kobrin. Met proizv. no.1:8-31 '59.
Results of enlarged laboratory investigations on the converter blowing of niobium pig iron. I.P.Bardin and others. Titan i ego splavy no.2:35-39 '59.

BESSONOVKA—COOPERATIVE SOCIETIES
Our mode of life has changed. M.Tiurina. Sov.potreb. koop. 4 no.3:52-53 Mr '60.

BET-PAK-DALA—CALTROP
New caltrop from Bet-Pak-Dala. V.P.Goloskokov, N.L.Semiotrocheva. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.1:73-76 '60.

BETA RAYS—PHYSIOLOGICAL EFFECT
Changes in the physiological strength of capillaries during experimental radiation sickness produced by internal irradiation with β-rays of radioactive phosphorus. G.G.Bazaz'ian. Vest.Mosk.un Ser 6 Biol., pochv 15 no 2:18-21 '60

Comparative pathomorphology of the spleen of white mice following external gamma radiation with radioactive cobalt (CO_{60}) and internal beta radiation with radioactive phosphorus (P_{32}) [with summary in English] IU A Barshtein Vrach delo no.4 389-391 Ap '60

BETATRON
Certain characteristics of the capture and acceleration of electrons in the betatron IU N Lobanov, N I Tulinova Izv vys ucheb zav ,fiz no 6 124-130 '59
Certain factors influencing the intensity of gamma radiation from a betatron M D Avramenko Izv vys ucheb zav ,fiz no 6 131-134 '59
Design and magnetic characteristics of a two-chamber, 10 Mev stereobetatron V A Moskalev Izv vys ucheb.zav ,fiz no 6 5-9 '59
Investigation of the capture of electrons into acceleration in betatrons and synchrotrons P A Riazin, A B Minervin Izv vys ucheb zav ,fiz no 6 112-123 '59
Problem of electron emission from the betatron chamber using the method of unsymmetrical translation IU. M Akimov Izv vys ucheb zav ,fiz no 6 3-4 '59
Raising the efficiency of electron capture into acceleration in a betatron IU M Akimov Izv vys ucheb zav , fiz no 6 10-13 '59
Some properties of orbits in accelerators under conditions of similitude A.A Kolomenskii, A.N Lebedev Atom energ 8 no 6:553-555 Je '60
Theory of electron capture into acceleration in a betatron P A Cherdantsev Izv vys ucheb zav ,fiz no 6 177-178 '59

BEVEL GEARING see Gearing, Bevel

BEZENOV, VASILII VASIL'EVICH, 1890-
Specialist and innovator. V.Koroleva. Zhil.-kom.khoz. 10 no.3:22-23 '60.

BEZHITSA—MACHINERY INDUSTRY
The struggle for the fulfillment of Lenin's plan for the establishment of the socialist administrative system at the Bryansk Machinery Manufacturing Plant, 1918. V.K. Pirogov. Nauch.dokl.vys.shkoly; ist.nauki no.2:91-104 '58.

BIBLE—CRITICISM, INTERPRETATION, ETC.
What is the Bible? L Filippov Agitator no 6 44-46 Mr '60.

BIBLE AND SCIENCE
"Is the Bible right?" by H.Fuchsz. Reviewed by A.Sukhov Nauka i rel no 4 94-95 Ap '60

BIBLIOGRAPHICAL EXHIBITIONS see subdivision under Moscow

BIBLIOGRAPHY
[Annual of Soviet books; systematical index. 1958] Ezhegodnik knigi SSSR; sistematicheskii ukazatel'. 1958. publ. 1960.
Bibliographical index of recently published literature on the Soviet Union and communism A.N Vest.Inst po izuch SSSR no 4 139-141 O-D '59
Bibliographical index of recently published works on the Soviet Union and communism Vest Inst po izuch SSSR no 1 147-152 Ja-Mr '60
Bibliography of works by Academy personnel. Vest.AN Kazakh.SSR 16 no.3:90 Mr '60.
[Book chronicle.] Knizhnaia letopis' no.26 '60.
[Book chronicle.] Knizhnaia letopis' nos.27-28,30 '60.
Bookshelf. Kul't.i zhizn' 4 no.3:64 '60.
Bookshelf. Prep.ist.v shkole 15 no.2:119-124 Mr-Ap '60.
For you, young worker. G.Grigor'ev. Chto chitat' 3 no.1:31 Ja '60.
[Information index of bibliographical lists and card files.] Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek no.13 Jl '60.
New books Bibliotekar' no.6:63-64 Je '60.
New books. Dop.AN URSR no.1:133-135 '60.
New books. Dop.AN URSR no.2:260-261 '60.
New books. Mir.ekon i mezhdunar.otn no 6 159 Je '60
New books. Nauka i zhyttia 10 no.1:62 Ja '60.
New books. Nauka i zhyttia 10 no.2 62 F '60.
[New books.] Novye knigi no 27 Jl '60.
[New books.] Novye knigi no.28 Jl '60.
[New books.] Novye knigi nos.29-30 Jl '60.
New books. Part zhizn' no 12 77 Je '60
New books. Part zhizn' no.13:76-77 Jl '60
New books. Radiotekhnika 15 no.4:3 of cover Ap '60.
New books Sots.kul't 13 no 2 41 F '60
New books. Sots.kul't. 13 no.3:46 Mr '60.
New books. Vest AN SSSR 30 no 6:153-158 Je '60.
New books. Zhil.-kom.khoz. 10 no.3:36 '60.
New books. Zhil.-kom.khoz. 10 no.4:36 '60.
New books on philosophy and sociology. Vop.filos. 14 no.6:176-179 '60.
[New literature on science and research abroad] Nov. lit o nauke i nauch.-issl.rab.za rub. no.1 Ja-F '60.
[New literature on science and research abroad] Nov. lit.o nauke i nauch.-issl.rab.za rub nos.2-3 '60.
Trade Unions' Publishing House to its readers. A.IAkovlev. Klub 9 no.2,36-37 F '60.

BIBLIOGRAPHY—AFRICA
Freedom of Africa Day. Kal.znam.i pam.dat 5 no.4: 10-16 Ap '60.
[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov.sov i inostr.lit.po stran.zarub. Vost nos. 3-4 '60

BIBLIOGRAPHY—AGRICULTURAL MACHINERY
New books Mekh sil' hosp 11 no 3 3 of cover Mr '60

BIBLIOGRAPHY—AGRICULTURE
Bibliography on the problems of labor productivity and production costs ("Problems of labor productivity, costs, and cost accounting in Soviet industry after the Great Patriotic War, a bibliography of books and articles from 1945-1957" by S.S.Filippova. "Problems of labor productivity and production costs in Soviet agriculture after the Great Patriotic War; a bibliography of books and articles from 1945 to 1957" by E.V.Bazhanova. Reviewed by V.E Sivolgin). Sov.bibl. no.1:83-86 '60
Dissertations in agriculture. Vest.sel'khoz.nauki 5 no 2 156-158 F '60
For 200 poods of grain per hectare, a library poster Sots kul't 13 no 2 36 F '60
Galaktionov, I.I. [Bibliographical collection; printed and manuscript works produced during 50 years by the Sochi Agricultural Experiment Station] Bibliograficheskii sbornik; pechatnye i rukopisnye raboty stantsii za 50 let. Sochi, 1946. 78 p.
(DA)
In response to the decisions of the plenum S Kolosov Sov knizh torg 12 no.2 2-3 F '60
[Information bulletin of new foreign books, received by the Lenin Library Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V I Lenina. Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.16 '60
[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.19 '60.
[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.20 '60.
List of books on agriculture received by the Central Scientific, Agricultural Library (TsNSKhB) during January 1960. Nov.knigi za rub.Ser.V 4 no.3:88-95 Mr '60.
New books. Uchet i fin.v kolkhoz.i sovkhoz. 17 no.6: 62-63 Je '60.
New books. Visnyk sil'.hosp.nauky 3 no.3:95 Mr '60.
Works of agricultural research, experimental, and educational institutions. Vest sel'khoz.nauki 5 no.2: 156-158 F '60.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS
New books. Ekon.sel'khoz. 31 no.2:120 F '60.
New books. Ekon.sel'khoz. 31 no.3:125-126 Mr '60.
New books. Uchet i fin.v kolkhoz.i sovkhoz. 17 no.3:62 Mr '60.

BIBLIOGRAPHY—AGRICULTURE—LABOR PRODUCTIVITY
Review of literature on the method of computing labor productivity. F.Zubarev. Ekon.sel'khoz. 31 no.2: 120-124 F '60.

BIBLIOGRAPHY—AMERICAN LITERATURE
New editions of American books. V.Beliaev. Inostr.lit. no.1:247-248 Ja '60.

BIBLIOGRAPHY—ANTARCTIC REGIONS
Bibliography. Inform.biul.Sov.antark.eksp. no.12: 52-54 '59.
Bibliography. Inform.biul.Sov.antark.eksp. no.14:43-4 '60.

BIBLIOGRAPHY—ANTHROPOLOGY
Annotations. V.Kochetkova. Vop.antr. no.2:143-145 '60
List of anthropological literature in Russian for the period from 1917 through 1936 compiled by T.D.Gladkova. Vop.antr. no.2:147 '60.

BIBLIOGRAPHY—ARCHAEOLOGY
[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist.,arkheol.i etn. no.1 Ja-F '60.
[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist.,arkheol.i etn. nos.2-4 '60.
"Soviet archaeological literature; a bibliography, 1941 1957" by N.A.Vinberg, T.N.Zadneprovskaia, A.A. Liubimova. Reviewed by E.P.Deviatova. Sov.bibl. no.1:106-107 '60.
Soviet works of 1958 on the archaeology of European Russia. Marija Gimbutas. Vest. Inst po izuch SSSR no 1 114-119 Ja-Mr '60.

[illegible]

BIBLIOGRAPHY—BOTANY

Akade[illegible] nauk [illegible] [Botany; a catalog of publications [illegible] the U.S.S.R., 1940-1959] [illegible] Moskva, "Akademkniga," [illegible] 45 p.

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—CLOTHING INDUSTRY

New [illegible] clothing manufacture. [illegible] prom [illegible]

BIBLIOGRAPHY—COAL MINES AND MINING

[illegible] of periodicals [illegible]

[illegible]

[illegible]

BIBLIOGRAPHY—COKE INDUSTRY

[illegible]

BIBLIOGRAPHY—COMMERCIAL [illegible] STATISTICS

New [illegible] in the people's [illegible]

BIBLIOGRAPHY—COMMUNIST ETHICS

[illegible] the social order [illegible] Moloson[illegible] [illegible]

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

[Literature on party work] Literatura po partiinoi [illegible] [illegible] politizdat [1959] 6 p.

BIBLIOGRAPHY—CONCRETE

[illegible]

[illegible] reinforced concrete. [illegible]

BIBLIOGRAPHY—CRANES, DERRICKS, ETC.

[illegible] construction. [illegible] Mashgiz [illegible]

BIBLIOGRAPHY—CZECHOSLOVAKIA

[illegible]

[New literature on [illegible] people's democracies and [illegible] of the Czechoslovakia] [illegible]

BIBLIOGRAPHY—DEMOGRAPHY

[illegible]

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

M[illegible] [catalog of candidate [illegible] the Moscow [illegible] Library of Medicine [illegible] Katalog kandidatskikh [illegible] Moskva [illegible] 235 p.

BIBLIOGRAPHY—[illegible]

[illegible] literature [illegible]

BIBLIOGRAPHY—ECONOMICS

[illegible]

[New foreign [illegible] economics, phi[illegible] [illegible]

[New foreign [illegible] literature] [illegible]

[New [illegible] literature] [illegible]

[New [illegible] literature] [illegible]

BIBLIOGRAPHY—EDUCATION

[illegible]

[illegible]

[illegible] Academy of the Pedagogical [illegible]

[Literature on the pedag[illegible]] Literatura po pedagogi[illegible] Jan.-June 1959 nos. 1-2 [illegible]

[illegible] of higher learning. [illegible]

[illegible] Academy [illegible] pedag. [illegible]

[illegible] Academy [illegible] pedag. [illegible]

[illegible] pedag. [illegible]

Piskunov, A.I. [Soviet literature on the history of education, 1918-1957, a classified bibliography] Sovetskaia istoriko-pedagogicheskaia literatura, 1918-1957, [illegible] Pod red. V.Z. Smirnova. Moskva, Izd-vo Akad. pedag. nauk RSFSR, 1960. 458 p.

BIBLIOGRAPHY—EDUCATION, ELEMENTARY

At the publishing house of the Academy of Pedagogical Sciences of the R. S. F. S. R. V. Fat'ianov Nach shkola 28 no 2·89-90 F '60

BIBLIOGRAPHY—EDUCATION, PRESCHOOL

Moral education of preschool children. G.Sh. Doshk. vykh. 21 no.3 46-47 Mr '60

BIBLIOGRAPHY—EFFICIENCY, INDUSTRIAL

Innovators tell their story. D.Levin. Chto chitat' 3 no.2:16 F '60.

Kiev. Derzhavna respublikans'ka biblioteka URSR imeni KPRS. [Heroic work of the builders of communism; a talk about books] Trudovyi heroizm budivnykiv komunizmu; besida pro knyhy. Kyiv, 1959. 24 p. (Na dopomohu bibliotekarevi)

BIBLIOGRAPHY—EGYPTOLOGY

New books and articles on Egyptology, summaries. N. E. Semper. Vest.drev.ist. no 1:158-169 '60.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Bibliography. Elektrosviaz' 14 no.4:76-80 Ap '60.

New books on electrical engineering. Elektrichestvo no.3:95 Mr '60.

BIBLIOGRAPHY—ELECTRIC LIGHTING

New books Svetotekhnika 6 no 3 31 Mr '60

BIBLIOGRAPHY—ELECTRIC RAILROADS

These books will be published in 1960. V.B.Gnezdilov. Elek.i tepl.tiaga 4 no.4:48-3 of cover '60.

BIBLIOGRAPHY—ELECTRONICS

Books on radio engineering and electronics for 1960. Radiotekh.i elektron. 5 no.6·1013-1032 Je '60.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit po ist., arkheol.i etn. no.1 Ja-F '60.

[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po ist ,arkheol.i etn. nos 2-4 '60.

BIBLIOGRAPHY—FARM MECHANIZATION

New books. Mekh.sil'.hosp. 11 no.2:3 of cover. F '60.

BIBLIOGRAPHY—FERTILIZERS AND MANURES

Fertilizers and fertility. Chto chitat' 3 no.2:17 F '60.

BIBLIOGRAPHY—FINANCE

Bookshelf. Den.i kred. 18 no.6:94-95 Je '60.

BIBLIOGRAPHY—FOLKLORE, UKRAINIAN

Bibliographical index of folklore studies, 1945-1958 (continuation). M. Marchenko, P. Pavlii. Nar.tvorch. ta etn. 3 no.4:154-158 O-D '59.

Books that the publishing house of the Academy of Sciences of the Ukrainian S. S. R. will publish in 1960. D. Lisenbart. Nar.tvorch.ta etn. 3 no.4:164-165 O-D '59.

BIBLIOGRAPHY—FOOD INDUSTRY

New literature on branches of the food industry. Khleb. i kond.prom. 4 no.3:40 Mr '60.

BIBLIOGRAPHY—GAS

The invisible tamed. B. Rozen. Chto chitat' 3 no.2:11 F '60.

BIBLIOGRAPHY—GAS, NATURAL

New books on petroleum and gas. Gaz.prom. 5 no.3:13 Mr '60.

BIBLIOGRAPHY—GAS INDUSTRY

Bibliography. Gaz.prom. 5 no.3:53-56 Mr '60.

Bibliography. Gaz.prom. 5 no.6:53-54 Je '60.

BIBLIOGRAPHY—GAS MANUFACTURE AND WORKS

Bibliography. Gaz.prom. 5 no.6:53-54 Je '60.

BIBLIOGRAPHY—GROWTH

"Russian literature on problems of physical development and physical education" by P. I. Isaev. Reviewed by P.N.Bashkirov. Vop antr. no.1·155 '60

BIBLIOGRAPHY—HEATING

Annotated list of literature. Vod i san.tekh. no 6 39-40 Je '60

BIBLIOGRAPHY—HEINE, HEINRICH, 1797-1856

Bibliography of Russian translations of the works of and the literature on Heine ("Heinrich Heine; a bibliography of Russian translations and critical literature in the Russian language" compiled by A. G. Levinton. Reviewed by IU.G.Kondrat'eva. Sov.bibl. no.1:91-95 '60.

BIBLIOGRAPHY—HISTORY

Bookshelf. Prep.ist v shkole 15 no.1 117-122 Ja-F '60.

Concerning the seven-year plan for history publications of the Publishing House of Social and Economic Literature. G.A.Koniukhov. Vop.ist. no.6:197-201 Je '60.

Guide to foreign bibliographies of general history. I.I. Frolova. Sov.bibl. no.1:113-114 '60.

[New books abroad on social sciences; economics, philosophy, history.] Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia 3 no 6 Je '60

[New foreign literature on history, archaeology, and ethnography] Nov.inostr.lit.po istr., arkheol.i etn. no 1 Ja-F '60.

[New foreign literature on history, archaeology, and ethnography.] Nov.inostr lit po ist ,arkheol i etn. nos 2-4 '60.

A study of the historical literature published by the Publishing House of the Academy of Sciences of the U.S.S.R. G.S.Osipian. Vop.ist. no.6 191-196 Je '60.

BIBLIOGRAPHY—HO, CHI MINH, 1894?-

Ho Chi Minh. Kal.znam.i pam.dat 5 no.5:46-48 My '60

BIBLIOGRAPHY—HUNGARY

Hungarian People's Republic. Kal.znam.i pam.dat 5 no.4:4-9 Ap '60

[New literature on European people's democracies: Hungary.] Nov.lit.po evrop.stran.nar.dem.,Veng nos 3-4 '60

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography for 1959. Meteor.i gidrol. no.6:46-49 Je '60.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Bibliography on the problems of labor productivity and production costs ("Problems of labor productivity, costs, and cost accounting in Soviet industry after the Great Patriotic War, a bibliography of books and articles from 1945 to 1957" by S.S.Filippova. "Problems of labor productivity and production costs in Soviet agriculture after the Great Patriotic War, a bibliography of books and articles from 1945 to 1957" by E.V.Bazhanova. Reviewed by V E.Sivolgin). Sov.bibl. no.1:83-86 '60.

New books on the economy of industrial enterprises. M.Prokopenko and others. Ekon Rad.Ukr. no.1: 106-109 Ja-F '60.

BIBLIOGRAPHY—INDUSTRY

"Economics of industrial enterprises; a bibliography" by M.I.Levin. Reviewed by M.N Bespalov. Sov.bibl. no.1:97-98 '60.

BIBLIOGRAPHY—INFORMATION THEORY

Bibliography. Elektrosviaz' 14 no.4:76-80 Ap '60.

BIBLIOGRAPHY—INSTRUMENTS

Articles from periodicals. Priborostroenie no.3· 31-3 of cover Mr '60.

New books. Priborostroenie no.3:30-31 Mr '60.

BIBLIOGRAPHY—IRKUTSK PROVINCE—BIOLOGY

"Bibliography of Irkutsk Province; biology." Transactions of the Scientific Library No 15 of the Irkutsk State University Reviewed by V.K Zharov. Biul. MOIP.Otd biol. 64 no 5.171-173 S-O '59

BIBLIOGRAPHY—IRON ORES

"Iron ores; a bibliography, 1955-1957" compiled by I.S. Shapiro. Reviewed by N.P.Popova. Sov.bibl. no.1: 98-100 Sov.bibl. no.1:98-100 '60.

BIBLIOGRAPHY—KOREAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

[Korean books; in foreign languages] Koreiskie knigi; na inostrannykh iazykakh. Pkhen'ian, KNDR, 1959. 28 p.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Bibliography. Biul.nauch.inform.:trud i zar.plata 3 no.6:74-79 '60.

New books. Sots.trud 4 no.12·150-152 D '59.

New books. Sots.trud 5 no.3:157-158 Mr '60.

New books. Sov.profsoiuzy 16 no.12:62 Je '60.

A selected list of literature on labor and wage problems published in the U.S.S.R. Biul.nauch.inform.: trud i zar.plata 3 no.2:68-71 '60.

BIBLIOGRAPHY—LABOR PRODUCTIVITY

Bibliography on the problems of labor productivity and production costs ("Problems of labor productivity, costs, and cost accounting in Soviet industry after the Great Patriotic War; a bibliography of books and articles from 1945 to 1957" by S.S.Filippova. "Problems of labor productivity and production costs in Soviet agriculture after the Great Patriotic War; a bibliography of books and articles from 1945 to 1957" by E.V.Bazhanova. Reviewed by V.E.Sivolgin). Sov.bibl. no.1:83-86 '60.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

Academic work in linguistics in cities and towns of the U.S.S.R. Vop.iaz. 9 no.2:164-165 Mr-Ap '60.

Books, journals and brochures received by the editor. Vop.iaz. 9 no.1 149 Ja-F '60.

Books, journals, and brochures received by the editor. Vop.iaz. 9 no.2:166 Mr-Ap '60.

Linguistic bibliography in the national republics. T.M. Garipov and others. Vop.iaz. 9 no.2:160-163 Mr-Ap '60.

[New Soviet literature in linguistics.] Nov.sov.lit.po iaz. nos.3-4 '60

BIBLIOGRAPHY—LAW

New legal literature in the U.S.S.R., January-March, 1960. Sov.gos.i pravo no.5 163-168 My '60.

New legal literature in the U.S.S.R., March-April, 1960. Sov.gos.i pravo no.6:156-160 Je '60.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Books about Lenin for children N Medvedeva Chto chitat' 3 no.3 26-27 Mr '60.

Collection of materials on the occasion of the ninetieth anniversary of the birth of V.I.Lenin ("Manual on the promotion of V.I.Lenin's works and the literature about him; a collection of practical and bibliographical materials." Reviewed by R.V.Khukhreva, V.D.Stel'makh). Sov.bibl. no.1:70-74 '60.

Eternally alive. A.Moleneve'kyi. Sots.kul't. 13 no.3: 5-7 Mr '60.

For club exhibitions. Kul't.-pros.rab. 21 no.3:18 Mr '60.

How children's and school libraries can mark the 90th anniversary of V.I.Lenin's birth. M.I.Moroz, K.I. Pylypchuk. Rad.shk. 39 no.3:80-93 Mr '60.

Lenin and science. Chto chitat' 3 no.3 8-9 Mr '60.

Lenin on Communist construction I.Zlatotsvetov Chto chitat' 3 no 3,2-3 Mr '60.

The life of Lenin is a great example for the Soviet people. M.Bochkareva. Klub 9 no.3:12-13 Mr '60.

Read these books Smena 37 no.8·30 Ap '60.

Treasure-house of Leninism Sov.pech no.3·8-9 Mr '60

Useful manual ("An aid to the promotion of V.I.Lenin's works and the literature about him, a collection of methodological and bibliographical materials." Reviewed by IA.Arest). Klub 9 no.3:35 Mr '60.

V.I.Lenin Memorial Day. Kal.znam.i pam.dat 5 no.4: 17-28 Ap '60.

V.I.Lenin's work "Left Wing Communism, an Infantile Disorder." Kal.znam.i pam.dat 5 no.4:43-47 Ap '60.

What our youth can read about V.I.Lenin. Mol.komm. no.3·127-128 Mr '60.

BIBLIOGRAPHY—LENIN IN LITERATURE AND ART

Publications for Lenin anniversaries from the State Publishing House of the Fine Arts. Sov.knizh.torg. 12 no.2,41-42 F '60.

BIBLIOGRAPHY—LIBRARY SCIENCE

Discussion on "Library science and bibliography," a bibliography. G.M. Sov.bibl. no.1:112-113 '60.

[Library science and bibliography. Oct.-Dec.1959.] Bibliotekovedenie i bibliografiia no.4 '60.

What a librarian should read. Prof.-tekh.obr. 17 no.2: 28 F '60.

BIBLIOGRAPHY—LINGUISTICS

[New foreign literature on linguistics.] Novaia inostrannaia literatura po iazykoznaniiu nos.3-4 '60.

BIBLIOGRAPHY—LITERATURE

Annotations. Inostr.lit. no.1:240-244 Ja '60.

Bibliography of new editions. Inostr.lit. no.1·245-248 Ja '60.

Bibliography of new publications. Inostr.lit. no.2:264 F '60.

Bookshelf. Kul't.i zhizn' 4 no.2:64 '60.

Brief notes on new books. Inostr.lit. no.2:260-263 F '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura nos.19-20 '60.

[Literature and art of the peoples of the U.S.S.R. and foreign countries.] Literatura i iskusstvo narodov SSSR i zarubezhnykh stran no.3 '60.

New publications in the series "News of belles lettres." ("Soviet literature, a bibliography" by N.E.Dobrynina, E.D.Zolotareva, A.A.Kunina. "Foreign literature; a bibliography" by A.M.Gorbunov, M.I.Davydova. Reviewed by S.A.Trubnikov). Sov.bibl. no.1:74-80 '60.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New Soviet literature on the study of literature.] Novaia sovetskaia literatura po literaturovedeniiu nos.3-4 '60.

BIBLIOGRAPHY—LITHUANIAN LITERATURE

Experience in compiling a retrospective national bibliography of Lithuania. A.I.Ulpis. Sov.bibl. no.1:14-22 '60.

BIBLIOGRAPHY—LUMBERING

New books. Les.prom. 38 no.2:insert F '60.

BIBLIOGRAPHY—LVOV PROVINCE—ECONOMIC CONDITIONS

Akademiia nauk URSR, Kiev. L'vivs'ka biblioteka. Viddil bibliografii. [Socialist Lvov Province in 1956; a bibliographical index] Sotsialistychna L'vivshchyna 1956 r.; bibliografichnyi pokazhchyk literatury. L'viv, 1958. 319 p.

BIBLIOGRAPHY—MAKARENKO, ANTON SEMENOVICH, 1888-1939

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [A. S. Makarenko; a bibliography] A. S. Makarenko, bibliograficheskii ukazatel'. Pod red. N. A. Sundukova. Moskva, 1959. 134 p.

BIBLIOGRAPHY—MAPS

[Cartographic chronicle, 1959] Kartograficheskaia letopis', 1959. publ. 1960.

BIBLIOGRAPHY—MARINE BIOLOGY

Living fossils. V. Konskii. Chto chitat' 3 no. 2:12 F '60.

BIBLIOGRAPHY—MARX, KARL, 1818-1883

Karl Marx. Kal. znam. i pam. dat 5 no. 5:10-15 My '6(

BIBLIOGRAPHY—MATHEMATICS

Bibliographic references to mathematical literature. V. K. Saul'ev. Usp. mat. nauk 15 no. 1:264 Ja-F '60.

[Literature on physics and mathematics, and scientific and technological dictionaries] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari. Moskva, Mezhdunarodnaia kniga.
No. 2. 1960.
(NN)

BIBLIOGRAPHY—MAY DAY (LABOR HOLIDAY)

First of May is the day of the international solidarity of the workers. Kal. znam. i pam. dat 5 no. 5:4-9 My '60.

BIBLIOGRAPHY—MEASURING INSTRUMENTS

New books. Priborostroenie no. 4:32-3 of cover Ap '60.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books, dissertations, periodicals. Stan. i instr. 31 no. 3:44-46 Mr '60.

Books, dissertations, periodicals. Stan. i instr 31 no 4 46-47 Ap '60.

New books. Avt. prom. no. 4:44-45 Ap '60.

New books. Mashinostroitel' no. 3:48 Mr '60.

New books. Mashinostroitel' no. 4·48 Ap '60.

New books. Vest. mash. 40 no. 3:86-88 Mr '60.

New books. Vest. mash. 40 no. 4:87-89 Ap '60.

Review of foreign periodicals. Vest. mash. 40 no. 3: 88-91 Mr '60.

Review of foreign periodicals. Vest. mash. 40 no. 4: 89-91 Ap '60.

BIBLIOGRAPHY—MEDICINE

Dissertations presented at Ukrainian medical institutes. Vrach. delo no. 1:107-108 '60.

Dissertations presented at Ukrainian medical institutes. Vrach. delo no. 2:219-220 F '60.

Dissertations presented at Ukrainian medical institutes. Vrach. delo no. 3,331-332 Mr '60.

Dissertations presented at Ukrainian medical institutes. Vrach. delo no. 4 443-444 Ap '60.

"Guide to medical reference books" by V. V. Gnucheva. Reviewed by K. I. Dem'ianov. Sov. bibl. no. 1:105-106 '60.

Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 16 '60.

Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 19 '60.

Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no. 20 '60.

List of books on medicine received by the State Central Medical Library during January 1960. Nov. knigi za rub. Ser. V 4 no. 3:84-87 Mr '60.

ew books. Vrach. delo no. 1:103-104 '60.

ew books. Vrach. delo no. 2:207 F '60.

ew books. Vrach. delo no. 3:325 Mr '60.

ew books Vrach. delo no. 4:447 Ap '60.

Rejected publications of the State Publishing House for Medical Literature in 1960. Fel'd. i akush. 25 no. 3: 13-64 Mr '60.

BIBLIOGRAPHY—MEL'NIKOV, NIKOLAI VASIL'EVICH, 1909-

Akademiia nauk SSSR. Nikolai Vasil'evich Mel'nikov. Vstup. stat'ia G. P. Nikonova, i B. A. Simkina. Bibliografiia sost. A. P. Epifanovoi. Moskva, 1960. 38 p. (Materialy k biobibliografii uchenykh SSSR. Ser. tekhnicheskikh nauk. Gornoe delo, no. 9)

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanograph for 1959. Meteor. i gidrol. no. 6:46-49 Je '60.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Military technical publications for dissemination. Voen. vest. 39 no. 12:89-90 D '59.

BIBLIOGRAPHY—MOLDAVIAN LITERATURE

Kishinev. Gosudarstvennaia publichnaia biblioteka. [Books published in the Moldavian S.S.R., 1956-1957] Knigi, izdannye v MSSR, 1956-1957. Kishinev, Gos. izd-vo 1958. 190 p.
(MH)

BIBLIOGRAPHY—MORAL EDUCATION

Moral education or preschool children. G. Sh. Doshk. vykh. 21 no. 3·46-47 Mr '60.

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Avt. prom. no. 44-45 Ap '60.

New books Avt transp 38 no 2·63 F '60.

New books Avt transp 38 no. 3 62 Mr '60.

BIBLIOGRAPHY—MUSIC

Uspenskaia, S. L. [Literature about music, 1954-1956; a bibliography] Literatura o muzyke, 1954-1956; bibliograficheskii ukazatel'. Moskva, Vses. knizhnaia palata, 1958. 274 p.
(NNC)

BIBLIOGRAPHY—NUCLEAR PHYSICS

New literature. Atom. energ. 8 no. 6:581-583 Je '60.

BIBLIOGRAPHY—NUCLEAR RESEARCH

New literature. Atom. energ. 8 no. 6:581-583 Je '60.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography for 1959. Meteor. i gidrol. no. 6:46-49 Je '60.

BIBLIOGRAPHY—OIL INDUSTRIES

Survey of magazine articles on the oils and fats industry, and the perfume and cosmetic industries. Masl.-zhir. prom. 26 no. 3:43-44 Mr '60.

BIBLIOGRAPHY—ORIENTAL STUDIES

Soviet oriental studies in 1956-1959. N. N. Poppe. Vest. Inst. po izuch. SSSR no 4·105-118 O-D '59.

BIBLIOGRAPHY—ORTHODOX EASTERN CHURCH

Rossiiskoe Palestinskoe Obshchestvo. Biblioteka. [Classified catalog of the Library of the Imperial Orthodox Palestinian Society] Sistematicheskii katalog biblioteki Imperatorskogo Pravoslavnogo Palestinskogo Obshchestva. S.-Peterburg, Tip. V. F. Kirshbauma, 1907. [Ann Arbor, Univ. Microfilms, 1960] facsim.: 2 v.
(InU)

BIBLIOGRAPHY—PALESTINE

Rossiiskoe Palestinskoe Obshchestvo. Biblioteka. [Classified catalog of the Library of the Imperial Orthodox Palestinian Society] Sistematicheskii katalog biblioteki Imperatorskogo Pravoslavnogo Palestinskogo Obshchestva. S.-Peterburg, Tip. V. F. Kirshbauma, 1907. [Ann Arbor, Univ. Microfilms, 1960] facsim.; 2 v.
(InU)

BIBLIOGRAPHY—PAPER

From foreign journals. Bum. prom. 35 no. 3:31 Mr '60.

From the pages of foreign journals. Bum. prom. 35 no. 1:30-31 Ja '60.

New books, articles in journals. Bum. prom. 35 no. 1: 29-30 Ja '60.

BIBLIOGRAPHY—PEAT

Bibliography. Torf. prom. 37 no. 2:40 '60.

Literature on peat. Torf. prom. 37 no. 1·40-3 of cover '60.

BIBLIOGRAPHY—PETROLEUM

New books on petroleum and gas. Gaz. prom. 5 no. 3: 13 Mr '60.

BIBLIOGRAPHY—PETROLEUM—REFINING

New books. Khim. i tekh. topl. i masel 5 no. 2:72 F '60.

New books on petroleum refining and petroleum chemistry. Khim. i tekh. topl. i masel 5 no. 3:3 of cover. Mr '60.

BIBLIOGRAPHY—PETRUSHEVSKII, IL'IA PAVLOVICH, 1898-

Bibliography of scientific works by I. P. Petrushevskii. Uch. zap. LGU no. 282:197-203 '59.

BIBLIOGRAPHY—PHILOSOPHY

[New books abroad on social sciences; economics, philosophy, history.] Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia 3 no. 6 Je '60.

[New Soviet literature on philosophy] Novaia sovetskaia literatura po filosofii nos. 3-5 '60.

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

"Russian literature on problems of physical development and physical education" by P. I. Isaev Reviewed by P. N. Bashkirov. Vop. antr. no. 1 155 '60.

BIBLIOGRAPHY—PHYSICS

[Literature on physics and mathematics, and scientific and technological dictionaries] Fiziko-matematicheskaia literatura i nauchno-tekhnicheskie slovari. Moskva, Mezhdunarodnaia kniga.
No. 2. 1960.
(NN)

New books on physics. T. O. Vreden-Kobetskaia. Usp. fiz. nauk. 71 no. 2:357-366 Je '60.

"Principal foreign bibliographical sources for physics, 1931-1955" by A. M. Lukomskaia. Reviewed by V. V. Bialova. Sov. bibl. no. 1:104-105 '60.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

Birthday of the Pioneer organization. Kal. znam. i pam. dat 5 no. 5:41-45 My '60.

Books that help to work with first-rank and Junior Pioneers. S. P. Burmistrova. Nach. shkola 28 no. 2: 83-85 F '60.

BIBLIOGRAPHY—POLYMERS

Journal of Polymer Science, 40, No. 136, 1959. Vysokom. soed. 2 no. 6:962-968 Je '60.

Journal of Polymer Science, 40, No. 137, 1959. Vysokom. soed. 2 no. 6:968-974 Je '60.

BIBLIOGRAPHY—POPULISM (NARODNICHESTVO)

New data on revolutionary Populism; review of the popular historical literature. N. M. Pirumova. Prep. ist. v shkole 15 no. 2:115-118 Mr-Ap '60.

BIBLIOGRAPHY—POWER ENGINEERING

Dissertations for the degree of candidate of technical sciences. A. S. Sergeev. Elektrichestvo no. 3:92-94 Mr '60.

Dissertations on power machinery manufacture (review of dissertations submitted in 1954 and 1955). A. Bulanin. Trudy LPI no. 187:184-192 '56.

Krasting, N. I. [Consolidated power engineering system in the U.S.S.R.; review of recommended literature] Edinaia energeticheskaia sistema SSSR; rekomendatel'nyi obzor literatury. Moskva, 1960. 15 p. (Novosti nauki i tekhniki, no. 24)

Literature on power engineering. Prom. energ. 15 no. 3: 63 Mr '60.

BIBLIOGRAPHY—PRESS

Day of the Press. Kal. znam. i pam. dat 5 no. 5:16-21 My '60.

Literature on the Bolshevik press of 1917. A. F. Berezhnoi. Uch. zap. LGU no. 284:141-152 '60.

BIBLIOGRAPHY—PRINTING INDUSTRY

Review of books and periodicals. Poligr. proizv. no. 2: 31-32 F '60.

BIBLIOGRAPHY—RADIO

Radio Day. Kal. znam. i pam. dat 5 no. 5:22-25 My '60.

BIBLIOGRAPHY—RADIOACTIVITY—SAFETY MEASURES

Radiation hygiene. Gig. i san. 25 no. 2:106 F '60.

BIBLIOGRAPHY—RAILROADS

Books on automatic and remote control, and telecommunications. Avtom., telem. i sviaz' 4 no. 2:40 F '60.

New books. Vest. TSNII MPS 19 no. 2:3 of cover '60.

BIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 25 no. 1:3 of cover '60.

BIBLIOGRAPHY—RELIGION

Classic Russian authors and Soviet writers on religion. IU. Kondrat'eva. Chto chitat' 3 no. 1:4-5 Ja '60.

Library of scientific atheism. Nauka i rel. no. 3:95 N '59.

We need militant books. A. Volzhanin. Nauka i rel. no. 3: 93-96 Mr '60.

BIBLIOGRAPHY—RELIGION AND SCIENCE

Science and religion are incompatible; a library poster Sots kul't 11 no 3 24-25 Mr '58

BIBLIOGRAPHY—RESEARCH, INDUSTRIAL

New books. NTO 2 no. 3:64 Mr '60.

BIBLIOGRAPHY—RUBBER

Articles on crude and vulcanized rubber published in the second half of 1959. Kauch. i rez. 19 no. 3.60-64 Mr '60.

BIBLIOGRAPHY—RUMANIAN LITERATURE

Rumanian national retrospective bibliography. V. A. Ambartsumian. Bibliotekoved. i bibl. za rub. no. 4:113-124 '59

BIBLIOGRAPHY—RUSSIA—ARMED FORCES

On guard over peaceful labor. F. Barsukov, A. Zarubin, P. Surin. Chto chitat' 3 no. 1:2-3 Ja '60.

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Great deeds of a great people. M. Andreev. Chto chitat' 3 no. 2 2-3 F '60.

"Seven-year plan is a plan for the large-scale building of communism." Reviewed by A. F. Sadof'ev Sov. bibl no. 1:97 '60.

Triumph of great ideas A Makarov, M Popov Chto chitat' 3 no 3 4-5 Mr '60

BIBLIOGRAPHY—RUSSIA—INDUSTRIES

[Technological progress during the seven-year plan; bibliography] Tekhnichnyi progres u semyrichtsi; pokazhchyk literatury. Kyiv, Derzh, vyd-vo polit. lit-ry URSR, 1959. 36 p. (Na dopomohu bibliotekarevi)

BIBLIOGRAPHY—RUSSIA—NAVY

Read those books. Sov mor 20 no. 12·12 Je '60.

BIBLIOGRAPHY—RUSSIA—POLAR REGIONS

At the poles of the planet. Ch. Lidova Vokrug sveta no 4 62-63 Ap '60

BIBLIOGRAPHY—RUSSIA—UNDERGROUND LITERATURE

Underground bibliography of recommended books in the 1870's and 1880's. S. A. Reiser. Sov. bibl no. 1: 54-69 '60.

BIBLIOGRAPHY—RUSSIAN LANGUAGE

Teacher's aid. Rus iaz. v shkole 21 no 2·109-111 Mr-Ap '60

BIBLIOGRAPHY—RUSSIAN LANGUAGE—STUDY AND TEACHING

Methodology of the Russian language in local publications. E. I Korenevskii. Rus. iaz v shkole 21 no 2 103-109 Mr-Ap '60.

Teacher's aid. Rus. iaz. v shkole 21 no 1·103-105 Ja-F '60.

BIBLIOGRAPHY—RUSSIAN LITERATURE

New publications in the series "News of belles lettres," ("Soviet literature, a bibliography" by N. E. Dobrynina, E. D. Zolotareva, A. A. Kunina. "Foreign literature, a bibliography" by A. M. Gorbunov, M. I. Davydova. Reviewed by S. A. Trubnikov). Sov. bibl. no. 1:74-80 '60.

Readers speak of books. Chto chitat' 3 no. 2·30 F '60.

Young contemporary goes into the world. N. Gudimova. Chto chitat' 3 no. 1·16 Ja '60.

BIBLIOGRAPHY—RUSSIAN PERIODICALS

"Catalog of periodicals, with annotations." Reviewed by V. O. Osipov. Sov. bibl. no 1:108-109 '60.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated list of literature Vod i san tekh no 6 39-40 Je '60

BIBLIOGRAPHY—SCIENCE

Akademiia nauk SSSR. Fundamental'naia biblioteka obshchestvennykh nauk. [Development of Soviet science during 40 years, a bibliography of anniversary literature published in 1957 and 1958] Razvitie sovetskoi nauki za 40 let; ukazatel' iubileinoi literatury 1957-1958 gg. Sost. Z. V. Gurko i O. V. Stulova. Moskva, 1960. 87 p.

Annotated list of books issued in Russian translation by the Publishing House for Foreign Literature. Nov. knigi za rub. Ser. A 13 no. 3·119-121 Mr '60.

Annotated list of books issued in Russian translation by the State Publishing House of Literature of Physics and Mathematics. Nov. knigi za rub. Ser. A 13 no. 3: 122-125 Mr '60.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov. knigi za rub. Ser. V 4 no. 3:3-77 Mr '60.

Books of foreign publishers. Nov. knigi za rub. Ser. A 13 no. 3.107-111 Mr '60.

Books on physicomathematical sciences designated for publishing in 1960 by the Academy of Sciences of the U. S. S. R. Astron. zhur. 37 no. 3:603-608 My-Je '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm no. 19 '60.

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) during January 1960. Nov. knigi za rub. Ser. V 4 no. 3:81-83 Mr '60.

List of books on the exact and natural sciences received by the All-Union Library of Foreign Literature (VGBIL) during January 1960. Nov. knigi za rub. Ser. A 13 no. 3: 112-114 Mr '60.

List of books on the exact and natural sciences received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U S. S. R. during January 1960. Nov. knigi za rub. Ser A 13 no. 3.115-118 Mr '60.

Mathematics, astronomy, physics, chemistry, and geology, reviews [of foreign literature]. Nov. knigi za rub. Ser. A 13 no. 3:3-106 Mr '60.

Moscow. Publichnaia biblioteka. [News of science and technology; a bibliography] Novosti nauki i tekhniki, rekomendatel'nyi obzor literatury. Moskva.
No. 19. 1959.
(DS)

New books. Nov. knigi za rub. Ser. V 4 no. 3:78-80 Mr '60.

BIBLIOGRAPHY—SCIENCE FICTION

From fantasy to achievement E Brandis Chto chitat' 3 no 3 12-14 Mr '60

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3 Obshchestvennye nauki, khudozhestvennaia literatura nos. 19-20 '60.

BIBLIOGRAPHY—SPORTS

Literature on physical training and sports for 1960. V. S Pol'shanskii. Teor. i prak. fiz. kul'. 22 no. 12·917-918 '59.

BIBLIOGRAPHY—STEEL—ELECTROMETALLURGY

"Electric steel smelting; a bibliography" by N. G. Starobinskaia, N. I. Agafonova. Reviewed by D. M. Voitinskaia. Sov. bibl. no. 1:100-101 '60.

BIBLIOGRAPHY—SUGAR INDUSTRY

New technical and agricultural literature. Sakh. prom. 34 no. 3.77-78 Mr '60.

BIBLIOGRAPHY—SUGAR MANUFACTURE

From the pages of foreign scientific and technical journals. Sakh. prom. 34 no. 3:66-69 Mr '60.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 1:79-80 Ja '60.

Bibliography. Geod. i kart. no. 2·75-78 F '60.

Bibliography. Geod. i kart. no. 3 73-78 Mr '60.

Foreign geodetic periodicals Izv vys ucheb zav., geod i aerof no 2 149-153 '60

BIBLIOGRAPHY—SWINE—FEEDING AND FEEDS

Let's inform all swineherds about the experience of IAroslav Chyzh; methodological advice. Sots. kul't. 13 no. 3:35-36 Mr '60.

BIBLIOGRAPHY—SYNTHETIC PRODUCTS

What to read about the large-scale chemical industry Agitator no 12 60 Je '60

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

From periodicals Mekh. i avtom. proizv. 14 no 3·60-62 Mr '60.

New books. Mekh. i avtom proizv 14 no 3 58-60 Mr '60.

BIBLIOGRAPHY—TECHNOLOGY

Advance, O skill! Chto chitat' 3 no. 3 18 Mr '60

General technical disciplines, atomic engineering, machinery and technology of machinery manufacturing, metallurgy, science of metals, automatic control, calculating machines, heat engineering, mining, production organization, construction, hydraulic engineering, aviation and rocket engineering, and chemical technology; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 4 no. 3:3-143 Mr '60.

"History of technology; a bibliography of literature published in the Ukraine from 1946-1955" edited by V. V. Danylevs'kyi Reviewed by M. M. Vinokur. Sov. bibl. no. 1:107-108 '60.

How to work with technical books. S. Teplitskaia, IA. IAroshenko. Chto. chitat' 3 no. 1:30 Ja '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm no. 19 '60.

List of books on engineering received by the All-Union State Library of Foreign Literature (VGBIL) during January 1960. Nov. knigi za rub. Ser. B 4 no. 3:148-152 Mr '60.

List of books on engineering received by the State Public Library of Science and Technology of the Siberian Branch of the Academy of Sciences of the U. S. S. R. during December 1959. Nov. knigi za rub. Ser. B 4 no. 3:153-169 Mr '60.

Moscow. Publichnaia biblioteka. [New of science and technology; a bibliography] Novosti nauki i tekhniki; rekomendatel'nyi obzor literatury. Moskva.
No. 18. 1959.
(DS)

New books. Nov. knigi za rub. Ser. B 4 no. 3:144-147 Mr '60.

New publications. Nauka i zhizn' 27 no. 2:76 F '60.

Stepanova, V. K., and V. V. Gnucheva. [Lenin Prizes for 1959 in the natural sciences and technology; a bibliography] Leninskie premii 1959 goda v oblasti estestvoznaniia i tekhniki; rekomendatel'nyi ukazatel' literatury Pod nauchnoi red. L. IA. Popilova. Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1959. 46 p.

BIBLIOGRAPHY—TECHNOLOGY—JUVENILE LITERATURE

Blank spot. E. Kaplan. Bibliotekar' no. 6:49-51 Je '60.

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography. Elektrosviaz' 14 no 3 76-80 Mr '60.

Books on automatic and remote control, and telecommunications. Avtom., telem. i sviaz' 4 no. 2:48 F '60.

BIBLIOGRAPHY—TEXTILE INDUSTRY

Follow-up of published materials. Tekst. prom. 20 no. 2.95 F '60.

BIBLIOGRAPHY—THEATER

The bookshelf Teatr 21 no 3 145 Mr '60.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Bibliographical aids in our work. M. Arbusina Bibliotekar' no 6 31-32 Je '60.

Bibliographies of recommended literature under present-day conditions. G. G. Timoshenko, E. E. Troitskaia, B A Smirnova. Sov. bibl. no. 1.3-13 '60.

Fomin, A. A. [All-Union Institute of Scientific and Technical Information and its activities; a report read at the Leningrad House of Scientific and Technical Information in the seminar for workers providing technical information] Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii i ego deiatel'nost; stenogramma doklada, prochitannogo v LDNTP na zaniatiiakh seminara dlia rabotnikov sluzhb tekhnicheskoi informatsii. Leningrad, 1959. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

Improve methodological and bibliographical aid to public libraries F. Abrikosova Klub 9 no 1 24-26 Ja '60

[Library science and bibliography. Oct.-Dec. 1959.] Bibliotekovedenie i bibliografiia no. 4 '60.

Preparation of the combined plan for the bibliographical work of libraries during 1959-1965. Z. F. Sov. bibl. no. 1:110-111 '60.

Publishers' classified catalogs of prospective publications considered as bibliographical aids. V. O. Osipov. Sov. bibl. no. 1:39-14 '60.

Thoughts on bibliography. A. Barsuk. Klub 9 no. 3:25-27 Mr '60.

Training bibliographers for science and technology libraries. S. G. Medvedeva, M. V. Sokolov. Sov. bibl. no. 1: 50-53 '60.

Urgent problems in the bibliography of national belles lettres. V. S. Kreidenko. Sov. bibl. no. 1:15-49 '60.

BIBLIOGRAPHY—THOREZ, MAURICE, 1900

Maurice Thorez. Kal. znam. i pam. dat 5 no. 4:40-42 Ap '60.

BIBLIOGRAPHY—TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

The man who paved the way to the stars. O. Levshina, V. Bolarskii, F. TSitsin. Chto chitat' 3 no. 1:8-10 Ja '60.

BIBLIOGRAPHY—TURKEY

"Bibliography of Turkey" by P. E. Skachkov. Reviewed by K. I. Shafranovskii, V. B. Portugal'. Sov. bibl. no. 1:95-96 '60.

BIBLIOGRAPHY—TURKEY—PEASANTRY

Sources and literature on the Turkish peasantry of the recent period. A. D. Novichev. Uch. zap. LGU no. 282: 15-43 '59.

BIBLIOGRAPHY—TUVA AUTONOMOUS PROVINCE

"Bibliography of the Tuva Autonomous Province, 1774-1958." Reviewed by A. N. Buchenkov. Sov. bibl. no. 1: 101-102 '60.

BIBLIOGRAPHY—UKRAINE

[Book chronicle.] Litopys knyh 37 no. 5 My '60.

Course of preparation for the 10-Day Festival of Ukrainian Literature and Art in Moscow. Dop. AN URSR no. 1: 115 '60.

[New books of the Ukrainian S. S. R.] Novi knyhy URSR nos. 11-12 Je '60.

BIBLIOGRAPHY—UKRAINE—COMMUNIST YOUTH LEAGUE

[Communist Youth League of the Ukraine; a bibliography] Komsomol Ukrainy; bibliohrafichnyi pokazhchyk. Kyiv, Molod', 1959. 285 p.
(NNC)

BIBLIOGRAPHY—UKRAINIAN LITERATURE
New works of Ukrainian authors; bibliography. Sots. kul't. 13 no. 3.41-42 Mr '60.

BIBLIOGRAPHY—URAL MOUNTAIN REGION
Area conference on the bibliography of the Urals. V. N. Sov. bibl. no. 1:111-112 '60.

BIBLIOGRAPHY—VETUKHIV, MYKHAILO OLEKSIIOVYCH, 1902-1959
M. O Vetukhiv; obituary. Ukrains'kyi zbirnyk 16:5-8 '59

BIBLIOGRAPHY—WATER-SUPPLY ENGINEERING
Annotated list of literature. Vod i san tekh. no 6.39-40 Je '60

BIBLIOGRAPHY—WELDING
Foreign publications on welding. Svar. proizv no 2 47-48 F '60.
Soviet publications on welding V A Nevskii Svar proizv no. 2 45-47 F '60.

BIBLIOGRAPHY—WOMEN
Glory to you, Soviet woman! Chto chitat' 3 no. 2:4-6 F '60.

BIBLIOGRAPHY—WOOD—CHEMISTRY
From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 2:insert '60.

BIBLIOGRAPHY—WOODPULP
From foreign journals. Bum. prom. 35 no. 3:31 Mr '60
From the pages of foreign journals. Bum. prom. 35 no. 1 30-31 Ja '60
New books, articles in journals. Bum. prom. 35 no. 1: 29-30 Ja '60.

BIBLIOGRAPHY—WOODWORK
From pages of technical and economic bulletins of economic councils. Der. prom. 9 no. 3:26 Mr '60.
From the pages of technical and economic bulletins of economic councils. Der. prom. 9 no. 2:29 F '60.
New books. Der. prom. 9 no. 3:25 Mr '60.

BIBLIOGRAPHY—WORLD WAR, 1939-1945
Fighting days. Z. Levasheva, M. Popov. Chto chitat' 3 no. 2:8 F '60.
Memoirs of war years. Sov. voin. 42 no. 11:16-17 Je '60.
Victory holiday. Kal. znam. i pam. dat 5 no. 5:30-35 My '60.

BIBLIOGRAPHY—YOUTH
International Day of the Solidarity of Youth against Colonialism, and for Peaceful Coexistence. Kal. znam. i pam. dat 5 no. 4:29-33 Ap '60.

BIBLIOGRAPHY—YUGOSLAVIA
[New literature on Yugoslavia.] Nov. lit. po IUg. nos. 3-4 '60.

BICYCLES AND TRICYCLES
Piul'kkianen, A. N., and V. S. Loshchenko. [Bicyclists' manual] Sputnik velosipedista. [Leningrad] Lenizdat, 1960. 270 p.

BIKCHENTAI, NASYB ABDULLAEVICH, 1898-1959
N. A. Bikchentai; obituary. Vop. psikhol. 6 no. 1:188 Ja-F '60.

BILE DUCTS—CANCER
Clinical aspects and diagnosis of cancer of Vater's papilla. I. M. Topchibashev. Azerb. med. zhur. no. 3:10-16 Mr '60.

BILE DUCTS—DISEASES
Roentgenodiagnostic significance of functional changes in the stomach and the duodenum in diseases of the gallbladder and bile ducts [with summary in English]. J. Chochalac. Vest. rent. i rad. 35 no. 1:9-14 Ja-F '60.

BILIARY TRACT—DISEASES
Clinical aspects and treatment of chronic diseases of the biliary tract (cholecystoangiocholitis) [with summary in English]. A. L. Mikhnev, I. M. Gandzha. Vrach. delo no. 2:113-117 F '60.
Clinical aspects of cardiovascular disorders in cholecystoangiocholitis and its combination with hepatitis. G. A. Dravert. Vrach. delo no. 3:255-259 Mr '60.
Data on the etiology and pathogenesis of cholangiohepatitis. A. IA. Gubergrits. Vrach. delo no. 3:241-245 Mr '60.
Peculiarities in the clinical course of peptic ulcer in patients with pathological processes of the liver and biliary tract [with summary in English] G I. Burchinskii. Vrach delo no. 4 355-357 Ap '60.
Some problems in the diagnosis of chronic cholecystangiocholitis. K. I. Simbiriakova. Vrach. delo no. 2:117-120 F '60.

BILIARY TRACT—DISEASES—DIAGNOSIS
Apparatus for cholangiometry. V. S. Kasulin, T. V. Kalinina, G. V. Astaf'ev. Med. prom. 14 no. 4:52-53 Ap '60.

BILINGUALISM—PSYCHOLOGICAL ASPECTS
Psychological nature of early bilingualism [with summary in English]. N. V. Imedadze Vop. psikhol. 6 no. 1:60-68 Ja-F '60.

BILIOUS DISEASES AND BILIOUSNESS
Changes in the external secretion of the pancreas in experimental cholemia and following restoration of the passage of bile into the intestine D. N. Buachidze Soob AN Gruz SSR 23 no 5 607-610 N '59
Bituminous binding materials made with reclaimed rubber. D. D. Surmeli, A. P. Parfenov. Avt dor 23 no. 6:19-20 Je '60.
Hydraulic activization of binding materials M E. Listopadov Stroi mat 6 no 3 37-38 Mr '60
Interaction between alumina-containing clinker minerals and calcium carbonate. V. M. Kolbasov. Izv vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:199-203 '60.
Investigating the binding properties of waste materials obtained in kilning magnesite N. N. Mikhailov, A M Kuznetsov Stroi mat. 6 no. 2 31-33 F '60
Investigating the hardening processes in binding materials made with granular furnace slags A V Volzhenskii, K V Gladkikh, B N Vinogradov Stroi mat 6 no 6 31-33 Je '60
Volzhenskii, A. V., M. I. Rogovoi, and V. T. Stambulko. [Gypsum-cement and gypsum-slag binding materials and products] Gipsotsementnye i gipsoshlakovye viazhushchie i izdeliia. Pod obshchei red. A. V. Volzhenskogo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 166 p.

BIOCHEMISTRY
Biochemistry and Darwinism. A. M Goldovskii. Biokhimiia 25 no. 1:3-11 Ja-F '60.
"Manual on biochemical investigations" by O. V. Travina. Reviewed by A. V. Sigrist. Lab. delo 6 no. 2.58-59 Mr-Ap '60.
Role of matrix structures in reproduction phenomena. A. G. Pasynskii. Biofizika 5 no. 1:16-20 '60.

BIOCHEMISTRY—ABSTRACTS
[Chemistry: Biological chemistry; abstracts.] Referativnyi zhurnal: Khimiia; biologicheskaia khimiia no 9 My '58, no. 9 My '59
[Chemistry: Biological chemistry; abstracts nos. 16190-17674.] Referativnyi zhurnal: Khimiia, biologicheskaia khimiia no. 12 Je '60.
[Chemistry: Biological chemistry; abstracts nos. 17675-19242.] Referativnyi zhurnal: Khimiia, biologicheskaia khimiia no. 13 Jl '60.

BIOCHEMISTRY—CONGRESSES
Problems in biochemistry at the Ninth Congress of the All-Union Society of Physiologists, Biochemists, and Pharmacologists. IA. V. Bielik, P. D. Dvornykova, H. I. Sylakova. Ukr. biokhim. zhur. 32 no. 1 149-165 '60.
Seventh coordinating conference on the problem "Biochemistry of the nervous system." IA. V. Bielik. Ukr. biokhim. zhur. 32 no 3:483-484 '60.

BIOCHEMISTRY—RESEARCH see subdivision under Chernovtsy

BIOLOGICAL RESEARCH
(see also subdivision under Lithuania; Moldavia)
Lenin Days at the Department of Biology and Soil Science. M. L. Budnichenko, O. T. Pomalen'kaia. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no. 2.79-80 '60.

BIOLOGY
(see also subdivision under Hungary; Uzbekistan; White Russia)
Lenin as a leader and promoter of science. Fiziol. rast. 7 no. 3:257-260 '60.
Mechnikov, I. I. [Academy edition of his collected works] Akademicheskoe sobranie sochinenii. Red. kollegiia: F. G. Krotkov i dr. Moskva, Gos. izd-vo med. lit-ry.
Vol. 14 Red. R. I. Belkin i I. D. Strashun. 1959. 426 p.
Today the moon... and then? A. N. Nesmeianov. Vsem. stud. nov. 14 no. 2:1-2 F '60.
World of variety. Vokrug sveta no. 3:52-53 Mr '60.
World of variety. Vokrug sveta no. 4:50-51 Ap '60.

BIOLOGY—ABSTRACTS
[Biology; abstracts.] Referativnyi zhurnal: Biologiia no. 21 N '58; no. 11 Je '59.
[Biology; abstracts nos. 48115-58594.] Referativnyi zhurnal: Biologiia nos. 11-12 Je '60.
[Biology; abstracts nos. 58595-63855.] Referativnyi zhurnal: Biologiia no. 13 Jl '60.
[Biology; abstracts nos. 63856-69134.] Referativnyi zhurnal: Biologiia no. 14 Jl '60.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—STUDY AND TEACHING
Tetiurev, V. A. [Methods of teaching biology in secondary schools] Metody obucheniia biologii v srednei shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 172 p.

BIOMATHEMATICS
Plokhinskii, N. A. [Analysis of variance] Dispersionnyi analiz. Pod red. N. P. Dubinina Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1960. 121 p.

BIOMATHEMATICS—CONGRESSES
The second conference on the application of mathematical methods in biology V P. Chtetsov. Vop antr no. 2 136-137 '60.

BIOMYCIN
Production of feed biomycin in distilleries. I. F. Naletov. Spirt. prom. 26 no. 2:28-30 '60.

BIOPHYSICS
Some problems in biological physics [with summary in English]. G. M Frank Izv AN SSSR Ser. biol no 2: 177-196 Mr-Ap '60
Transfer of energy and its importance in biological systems; a discussion of the Faraday Society. A. N. Terenin. Biofizika 5 no. 1:107-113 '60.

BIOSYNTHESIS
Biosynthetic production of glutamic acid [with summary in English] V. L Kretovich, V I IAkovleva Izv AN SSSR. Ser biol no 2:197-205 Mr-Ap '60.

BIRCH
Improving the production of birchbark tar. R. I. Kharchenko, E. K TSaregradskii Gidroliz i lesokhim. prom. 13 no 2 12-13 '60

BIRCH—DISEASES AND PESTS
Birch tinder fungus A. S. Bondartsev. Priroda no. 6: 121-125 Je '60.

BIRDBANDING
(see also subdivision under Estonia)
First experiment in automatic banding of tetranoid birds [with summary in English] A N. Romanov Zool zhur 39 no. 3 465-468 '60
Possibility of mass capture of geese for banding. E. Spangenberg, V. Leonovich. Migr. zhiv. no. 1.139-140 '59.
Results of banding Ibididae and Ardeidae in the U. S. S. R. N. N. Skokova. Migr. zhiv. no. 1 67-94 '59.

BIRDHOUSES
Night fighters. IUn. nat. no. 4:39-40 Ap '60.

BIRDS
(see also subdivision under Antarctic regions, Siberia; Yakutia)
Club for question boxes. IUn. nat. no. 4:35-36 Ap '60.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—GEOGRAPHICAL DISTRIBUTION
Geographical variability of the density of forest bird populations in the European part of the U. S. S. R. and adjacent countries [with summary in English]. G. A. Novikov. Zool. zhur. 39 no. 3 433-447 '60.
Historical changes in the animal kingdom of our country during the period from the 13th century through the 19th century. Report No. 5. S. V. Kirikov. Izv AN SSSR. Ser. geog. no. 3:42-54 My-Je '60.

BIRDS—MIGRATION
Bird migrations. Priroda no. 6:110-112 Je '60.
Brant goose (Branta bernicla L.) in the Soviet Union. S. M. Uspenskii. Migr. zhiv. no. 1:124-138 '59.
Material on a study of the spring passage of water birds through the upper course of the Argun' River. V. F. Gavrin, N. V. Rakov. Migr. zhiv. no. 1:59-66 '59.
Migration of the saksaul sparrow (Passer ammodendri Gould.). E. P. Spangenberg. Migr. zhiv. no. 1:147-148 '59.
New foreign works on bird migration. E. V. Kumari. Migr. zhiv. no. 1:190-195 '59.
Some data on the migration of water birds nesting in the northern part of the Soviet Union. T. P. Shevareva. Migr. zhiv. no. 1:95-123 '59.

BIRDS—PARASITES see Parasites—Birds

BIRDS AS CARRIERS OF DISEASE
Role of birds and reptiles in the maintenance of foci of the Central Asian tick-borne relapsing fever [with summary in English]. N. K. Mishchenko. Zool. zhur. 39 no. 3:424-428 '60.
Role of birds in the circulation of Trichinella spiralis in nature [with summary in English]. A. V. Merkushev. Zool. zhur. 39 no. 2:161-164 F '60.

BIRDS OF PREY
Studying the feeding of the young of predatory birds by the use of the nest box [with summary in English]. V. M Galushin. Zool. zhur. 39 no. 3:429-432 '60.

BIRTH CONTROL
Allergic dermatitis following the use of contraceptive drugs. P. I. Kholodii. Vrach. delo no 1:85-86 '60.
Letter to the editor. Z. Sh. Giliazutdinova. Kaz. med. zhur. 41 no. 1:127-128 Ja-F '60.

BIRTH INJURIES

Birth trauma in the newborn and measures for its control. N.E Sidorov, V.I. Belousova. Kaz. med. zhur. 41 no. 1:53-56 Ja-F '60.

BISCUITS

(see also subdivision under Moscow)

Newly designed baking pans for making waffles. I.A. Aparkhov. Khleb. i kond. prom. 4 no. 3:34-36 Mr '60.

BISMUTH—ANALYSIS

Comparative evaluation of the colorimetric methods for determining bismuth. E.P. Ozhigov, A.N Dorokhina, I.I. Mirkina. Soob. Prim. otd. VKHO no. 3 79-87 '57.

Determination of bismuth by titrating with solution of a divalent vanadium salt. L.A. Ketova, S.I. Gusev. Izv vys. ucheb. zav., khim. i khim. tekh. 3 no 1:59-61 '60.

BISON, EUROPEAN

Reestablishment of the wizent in the U S.S.R. and abroad. M.A. Zablotskii. Okhr. prir i zapov. delo v SSSR no. 4:52-70 '60

BITUMEN

Compressorless unit for heating bitumen and bituminous mastics. Rats. i izobr. predl. v stroi. no. 13:120-122 '59.

Effect of local fillers on properties of bitumens. G.D. Dibrov, M.S. Ostrikov. Trudy RISI no. 15 133-140 '58

Improving the quality of bitumens. V. Mikhailov, A Kolbanovskaia. Avt. dor. 23 no. 6:21-22 Je '60.

Investigating structural and mechanical properties of bitumens and bitumen mastics flowing through pipes B V Vedeneev, N V Mikhailov Stroi mat 6 no 6 *33-36 Je '60*

Levenson, V.E. [Investigation of Ural and Volga oil-bearing provinces by the geochemical bitumen method] Issledovanie Uralo-Volzhskoi neftenosnoi provintsii metodami geokhimicheskoi bituminologii. Moskva, Izd-vo Akad. nauk SSSR, 1958. 4 v.
(CU)

Role of a study of the bitumens of sedimentary rocks in elucidating the problem of petroleum formation and oil pools M.V. Abramovich. Dokl AN Azerb SSR 16 no. 1 49-52 '60

Using the electric capacitance method in determining the water content of bitumens V.M Smirnov L M. Mashkevich Avt dor. 23 no. 3:13 Mr '60

BITUMINOUS MATERIALS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for making and using cold bituminous mastics for covering roofs with rolled materials] Ukazaniia po prigotovleniiu i primeneniiu kholodnoi bitumnoi mastiki dlia ustroistva krovel' iz rulonnykh materialov. Moskva, Biuro tekhn. informatsii, 1959. 6 p.

Increasing water-resisting properties of cold bituminous mineral mixes. V.P. Volod'ko. Avt. dor. 23 no. 6:13-15 Je '60.

Kolbanovskaia, A.S., and N.V. Gorelyshev. [Differential porosity of bituminous mineral materials] Differentsial'naia poristost' bitumomineral'nykh materialov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 27 p.

BITUMINOUS PAVEMENTS see Pavements, Bituminous

BIYSK—GRAIN ELEVATORS—ACCOUNTING

Economic accountability at the Biysk Grain Procurement Station. Kh Shekhtman, G. Popov *Muk.-elev prom.* 26 no. 2 17-18 F '60

BJÖRNSON, BJÖRNSTJERNE, 1832-1910

Björnstjerne Björnson, Norwegian writer, democrat, and partisan of peace. Nina Krymova V zashch mira no 4.48-53 Ap '60

A partisan of peace. B. Shatkov. Kul't. i zhizn' 4 no. 2: 61-62 '60.

BLACK MOUNTAIN, N.C.—HARDBOARD

Quality control of particle board (from "Lumberman," 86, no. 4, 1959). Der. prom. 9 no. 2:31-32 F '60.

BLACK SEA—ALGAE

Effect of organic substances on the photosynthesis and respiration of certain Black Sea algae [with summary in English]. L.H. Lytvynenko. Ukr. bot. zhur. 17 no. 1. 12-16 '60.

BLACK SEA—BACTERIA, LUMINOUS

Luminescence of cultures of the free-moving Bacterium Issatchenkoi Egorova from the Black Sea. V.I. Voitov, A.A. Egorova, N.I. Tarasov. Dokl AN SSSR 132 no. 6 1425-1426 Je '60

BLACK SEA—FISHERIES

Biological characteristics and commercial fishing of some fishes in the northwestern part of the Black Sea. V.S. Chepurnov. Uch. zap. Kish. un. 32:3-46 '58.

BLACK SEA—RADIUM

Radium concentration in waters of the Black Sea S M. Grashchenko and others Dokl. AN SSSR 132 no 5 1171-1172 Je '60.

BLACK SEA—URANIUM

Uranium concentration in waters of the Black Sea. D.S. Nikolaev and others Dokl AN SSSR 132 no 6:1411-1412 Je '60

BLACK SEA REGION—CHESTNUT

Measures for improving chestnut forests along the shores of the Black Sea [with summaries in English, German, and French]. P.A. Issinskii Vest. sel'khoz. nauki 5 no 2 82-85 F '60

BLACK SEA REGION—GEOLOGY

Geological past of the Crimea and the Black Sea. M.V Muratov. Priroda no 6:57-64 Je '60

BLACK SEA REGION—HEALTH RESORTS, WATERING PLACES, ETC.

Spots on the resort sun. A. Komarov and others. Ogonek 38 no. 13.24-25 Mr '60.

BLACK SEA REGION—KARST

Investigating the composition and properties of materials filling karst holes in Neogene limestones of the Black Sea Depression. L.A. Molokov Vest. Mosk. un Ser biol., pochv, geol., geog 14 no 4:161-165 '59

BLACK SEA REGION—TYPHUS

Problem of endemic rat typhus on the Black Sea coast [with summary in English] A G Somova and others Zhur mikrobiol epid. i immun 31 no 2 51-56 F '60

BLACK SEA REGION—WATER BIRDS

First results of studying the wintering of aquatic birds on the Sea of Azov and the northern shore of the Black Sea. S.M. Uspenskii. Migr. zhiv. no. 1.46-58 '59

BLACK SEA REGION—WORMS, INTESTINAL AND PARASITIC

Helminths of Lariformes from the Black Sea Preserve and the adjacent territory of Kherson Province. V.A Leonov Uch zap GGPI 20 266-296 '59

BLADDER—RADIOGRAPHY

Use of double and triple gas contrasting in association with tomography in diseases of the bladder and perivesicular tissue [with summary in English]. A. TSetsulesku. *Vest rent i rad. 35 no. 1:28-33 Ja-F '60.*

BLADDER—RUPTURE

Case of spontaneous rupture of the bladder. K.IA. Levitan. *Khirurgiia 35 no. 12:93-94 D '59.*

BLAGOVESHCHENSK (AMUR PROVINCE)—LIQUOR INDUSTRY

Vernyi, A.N. [Modernization of the Blagoveshchensk Liqueur and Vodka Plant] Opyt rekonstruktsii Blagoveshchenskogo likero-vodochnogo zavoda. Moskva, Gos. nauchno-issl. in-t nauchn. i tekhn. informatsii, 1959. 6 p. (Obmen otechestvennym opytom)

BLAST FURNACES

(see also subdivision under Kuznetsk Basin)

Destruction of two air preheaters of a blast furnace during testing. B.I. Beliaev. Prom. stroi. 38 no. 3: 39-44 '60.

Determining the trajectory of the fall of materials from the large bell of a blast furnace charging device. V.K. Gruzinov. Izv. vys. ucheb. zav., chern. met. no. 5:22-27 '60.

In planning it is necessary to make provision for division into composite assembly units. V.G. Kanishchev, B.Kh. IAkubman. Prom. stroi. 38 no. 3:44-48 '60.

Lining the hearth bottom of blast furnaces. E.K. Keler, M.N. Bluvshtein. Ogneupory 25 no. 1:17-23 '60.

Ostroukhov, M. IA. [Saving of coke in blast furnaces] Ekonomiia koksa v domennoi plavke. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 142 p.

Packing of small and large bell rods N P. Maksimenko, A. Sakharskii, N.I Kartamyshev Metallurg 5 no 3·4 Mr '60.

Rapid reconstruction of blast furnace plants. N.A. Aleksandrov. Prom. stroi. 38 no. 3:33-38 '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 33. [Assembling the equipment for metallurgical plants] Montazh metallurgicheskogo oborudovaniia.
No. 1. [Equipment for blast-furnace plants] Oborudovanie domennykh tsekhov. 1960. 63 p.

Work of blast furnace air preheaters. I.A. Ivanov. Metallurg 5 no 3 5 Mr '60.

BLASTING

Firing short-delayed-action electric detonators with alternating current. M.I. Ivanaev. Transp. stroi. 10 no. 3. 41-43 Mr '60.

Novikov, G.A. [Booklet for blasters] Pamiatka vzryvniku. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 74 p. (Tekhnika bezopasnosti na dorozhnykh rabotakh)

Theory of the formation of a cumulative jet for cylindrical charges having a conic rabbet and metal coating with a constant thickness. M. Vol'pe. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3.109-116 My-Je '60

BLASTING—SAFETY MEASURES

Safety measures for blasting in mines. G.A. Zenkovich. Bezop. truda v prom. 4 no. 3:3-4 '60.

BLAVATSKII, VLADIMIR DMITRIEVICH, 1899-

In honor of the 60th birthday of Professor Vladimir Dmitrievich Blavatskii, Doctor of Arts and Sciences. Vest. drev. ist. no. 1.205-208 '60.

BLEACHING

Peroxide bleaching of back grey. S.A. Plaksin and others. Tekst. prom. 20 no. 2:45-48 F '60.

BLIND—EMPLOYMENT

Decoration for courage, decoration for work. V. Degtiarev. Ogonek 38 no. 17·30 Ap '60.

BLIND SCULPTORS see Sculptors, Blind

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Aleksandr Blok. A. Kharitonova. Chto chitat' 3 no. 2· 22 F '60.

BLONSKII, PAVEL PETROVICH, 1884-1941

Pedagogical career of P.P. Blonskii; 1884-1941. F.F. Korolev. Sov pedag. 24 no 6:98-118 Je '60.

BLOOD

Age changes in the morphological composition of the blood of cattle. A.I. Markushin. Trudy Inst. morf. zhiv. no. 31: 85-87 '60.

Blood and bone marrow changes in portal hypertension. L.F. Trunova. Mat. po obm nauch. inform no 2: *217-222 '58.*

Certain biochemical characteristics of the blood and milk of sows during lactation [with summary in English]. H.H. Petrenko, V.I. Tertyshnyk. Ukr. biokhim. zhur. 32 no. 1·107-110 '60.

Changes in the morphological composition of the blood in Tagil calves during postnatal development. P.F. Soldatenkov, E.P. Trukhina. Trudy Inst. morf. zhiv. no. 31: 75-84 '60.

Comparative evaluation of the immunological features of human and animal blood. S.A. Filina. Izv. AN Arm. SSR. Biol. nauki 12 no. 12:101-104 D '59.

Experimental study of the toxic properties of blood plasma from schizophrenia patients. A.I. Sikharulidze. Soob. AN Gruz SSR 23 no. 5.593-599 N '59.

Hemopoiesis following stomach resection E V. Mazurik *Vrach. delo no 4 421-422 Ap '60.*

Reticuloendothelial system in various forms of endocarditis as shown by blood and bone marrow sampling. M.A. Chepeleva. Mat. po obm nauch. inform. no. 2: 223-228 '58.

BLOOD—ANALYSIS AND CHEMISTRY

Comparing the effect of 6-methylthiouracil with that of *insulin, adrenaline, ACTH, and glucose on the level of* eosinophils and phosphorus compounds in blood [with summary in English]. H.V. Shyba. Ukr. biokhim. zhur 32 no. 3.394-403 '60

Determination of "free" vitamin B_{12} in the blood serum with Escherichia coli [with summary in German]. I.A. Mal, L.I. IAvorkovskii. Biokhimiia 25 no. 1:80-85 Ja-F '60.

BLOOD—CIRCULATION

Restoration of blood circulation in flaps on pedicle. A.A. Limberg. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:210-220 '58.

BLOOD—CIRCULATION, DISORDERS OF

Cardiopleural syndrome in chronic circulatory insufficiency. E.I. Likhtenshtein. Mat. po obm. nauch. inform no. 2:83-86 '58.

Comparative roentgenkymographic observations on the influence of eryside, erysimine, and strophanthin on the cardiovascular system of patients with circulatory insufficiency. L.P. Verbitskaia, E.A. Studzinskaia, G.I Gornovskaia. Vrach. delo no 3:239-241 Mr '60.

Globulin fractions of blood serum in various forms of endocarditis and in circulatory *insufficiency.* A.A. Aizenberg, E.A. Bordakina. Mat. po obm. nauch. inform. no. 2:5-9 '58.

Influence of oxygen therapy on myocardial function in patients with circulatory insufficiency as shown by electrocardiographic data. Preliminary report. I.K. Sledzevskaia. Mat. po obm. nauch. inform. no. 2:135-145 '58.

Some regularities in the disturbance of gas exchange in endocarditis and circulatory insufficiency. G.M. Povolotskaia. Mat. po obm. nauch. inform. no. 2:105-111 '58.

Use of novurit in circulatory insufficiency. N.P. Petroniuk Vrach. delo no. 1:87 '60.

BLOOD—COAGULATION

Determination of the degree of retraction of the fibrin blood clot by means of a new microretraction meter. N.D. Ul'ianova. Lab. delo 6 no. 2:38-41 Mr-Ap '60.

BLOOD—COLLECTION AND PRESERVATION

Obtaining blood from laboratory animals for the calculation of the reticulocytes and thrombocytes by means of Alekseev's modified method. I. N. Filipson. Lab. delo 6 no. 2:35-36 Mr-Ap '60.

"Two-stage preparation of blood in flasks with a factory-produced preservative and the technic of its transfusion" by D. G Petrov. Reviewed by IU M Orlenko, M P. Brusnitsyna Vrach delo no 4 439-440 Ap '60

BLOOD—DISEASES

Hemorrhages in some hematological syndromes. D. N. IAcovskii Mat. po obm. nauch. inform. no. 2·245-251 '58

BLOOD—EXAMINATION

Biochemical changes in the blood in reactive stupor. Z. B. Miskina. Probl. sud. psikh. 8:325-338 '59.

Chemical changes in the blood in embolic apoplexy. R. I. Borisenko Vrach. delo no. 3;261-265 Mr '60.

Diagnostic and prognostic significance of the reaction of the determination of the "third fraction" of the blood in the clinical aspects of pulmonary tuberculosis. A. M Soskin Zdrav. Belor 3 no. 10·12-17 O '57.

Peripheral blood picture in patients with paradentosis. L. A. Berlumova. Probl. stom. 4·157-160 '58.

Some physicochemical properties of the blood in stenocardia. L. A. Dorosh. Med. zhur. Uzb no 7, 21-24 Jl '59.

BLOOD—JURISPRUDENCE

How to determine the blood of A, B, AB, and O groups by the substance of nails. Sov. krim. na sluzh. sled. no. 12 158-174 '59.

BLOOD—OXYGEN CONTENT

Changes in the oxygen saturation of the arterial blood during stomach resection. S. R. Levaniuk. Vrach. delo no. 2·191-192 F '60.

Oxyhemometric data in insulin therapy of schizophrenic patients Z R Tiushkevich Zdrav. Belor. 3 no 10; 32-34 O '57

Oxyhemometric investigations during resection of the lung in tuberculous patients [with summary in French]. S. M. Kniazhetskii. Probl. tub. 37 no. 8,72-74 '59.

Some indexes of the respiratory function of the blood in anemia patients A. IU Tilis. Med. zhur Uzb no. 7: 35-40 Jl '58.

BLOOD—SEDIMENTATION

Erythrocyte sedimentation rate in patients with stomach and pulmonary cancer V A. Germanov. Vrach. delo no. 1;93 '60

BLOOD—SERUM see Serum

BLOOD—TRANSFUSION

Advantages of glucose-natrog blood in massive blood transfusions. V. K. Chislovskii Vrach. delo no 1:45-48 '60

Hemotherapy in the over-all treatment of paradentosis. V. S. Kovalenko. Probl. stom. 4·257-261 '58.

Importance of blood transfusion among other methods of treating peptic ulcer E I. Samson Vrach delo no. 4 361-364 Ap '60.

Influence of blood transfusion on the phagocytic activity of the polymorphonuclear leucocytes and lymphocytes in pulmonary tuberculosis patients. A. M. Vil'derman. Zdravookhranenie 3 no. 1 32-36 Ja-F '60.

Influence of heterotransfusions on the intensity of the gonadotropic (follicle stimulating) function of the hypophysis E A Fedorovskaia Vrach delo no. 1;43-46 '60.

Intra-arterial blood transfusion in obstetrical practice. Z. Sh. Giliazutdinova. Kaz. med. zhur. 41 no. 1;82-85 Ja-F '60.

Republic conference on blood transfusion. A. A. Rakitianskaia Zdrav. Belor. 3 no 10·78-79 O '57.

Some biochemical indexes of the humor of the camera oculi anterior in animals before and after blood transfusion. O A Katorgina. Oft. zhur. 12 no. 5:299-301 '57.

BLOOD AS FOOD OR MEDICINE

Biological methods of treating trichomonal colpitis. V. I. Zakharov and others. Zdravookhranenie 3 no. 1· 49-52 Ja-F '60.

Hemoplacental therapy of premature infants in the first weeks after birth. L. I. Kantarovich, V M. Bruk. Zdrav. Belor. 3 no. 10:38-40 O '57.

BLOOD CELLS

Obtaining blood from laboratory animals for the calculation of the reticulocytes and thrombocytes by means of Alekseev's modified method. I. N. Filipson. Lab. delo 6 no. 2.35-36 Mr-Ap '60.

Peripheral blood and bone marrow following intravenous use of a protein preparation during starvation. K. A. Agamova. Uch. zap. 2-go MGMI 16:20-29 '58.

Peripheral blood and bone marrow of a growing rabbit in normal conditions and during starvation. R. A. Zaitseva. Uch. zap. 2-go MGMI 16:30-49 '58.

Peripheral blood and medullary hemopoiesis in healthy rats and in rats with disturbances in nutrition. K. A. Agamova. Uch. zap. 2-go MGMI 16:7-19 '58.

Peripheral blood and medullary hemopoiesis in starving rabbits following parenteral feeding R. A. Zaitseva Uch zap. 2-go MGMI 16 50-62 '58.

BLOOD GROUPS

Blood groups of the Pamirs Tajiks. G. L. Khit'. Vop antr no 1·67-70 '60

BLOOD PLASMA SUBSTITUTES

Histomorphology of the ovary of sexually immature rabbits following parenteral feeding. V. V Makhovko, A V. Rodnikov Uch zap. 2-go MGMI 16.143-153 '58.

Morphology of the nucleolus and of some other structures of the nerve cells in starvation and following administration of a protein preparation. N M Alekseeva. Uch. zap. 2-go MGMI 16·121-129 '58

Peripheral blood and bone marrow following intravenous use of a protein preparation during starvation K. A. Agamova. Uch. zap. 2-go MGMI 16 20-29 '58.

Peripheral blood and medullary hemopoiesis in starving rabbits following parenteral feeding. R. A. Zaitseva Uch. zap. 2-go MGMI 16 50-62 '58.

Regenerative processes in the lymphopoietic organs of starving rabbits following parenteral feeding of protein. I. A Poberii Uch. zap. 2-go MGMI 16 81-103 '58.

Restoration of the blood of a growing rabbit following acute blood loss and administration of the hydrolysate developed by the Central Institute of Hematology and Blood Transfusion Preliminary report. S. T. Tsygankova. Uch zap. 2-go MGMI 16.109-113 '58

Restorative processes in the testicles of sexually immature rabbits following a period of starvation V V. Makhovko, A. V. Rodnikov Uch. zap. 2-go MGMI 16 154-163 '58.

Synthetic colloidal plasma substitutes in surgery. L. V Lavrova, L K. Chekedova Zdrav Belor 6 no 2 53-54 F '60

BLOOD PLATELETS

Case of athrombocytosis following the use of butadione E. V Bardin. Zdrav. Belor 6 no. 2 65-66 F '60

Normal composition of thrombocytes in the blood. L. A. IUrovskaia. Mat. po obm nauch. inform no 2;237-243 '58.

Quantity of thrombocytes and the thrombocytic formula of the peripheral blood in healthy persons. O. A. Nikiforova. Lab. delo 6 no. 2 32-34 Mr-Ap '60.

Simple method for coloring thrombocytes. K. V. Movshovich. Lab. delo 6 no. 2 34-35 Mr-Ap '60.

Thrombocytogram in healthy persons. O. N. Piksanov. Lab. delo 6 no. 2 29-32 Mr-Ap '60.

BLOOD PRESSURE

Change in the average arterial pressure of patients, healthy subjects, and athletes under the influence of physical exercise. E. I Riabukha. Vrach delo no 1· 33-35 '60.

Change in the venous pressure in obliterating endarteritis. K. G. Kadymova. Azerb. med. zhur. no. 3;45-48 Mr '60.

Vascular reactions in patients with acute and chronic dysentery. M. E. Gal'perin, V. I. Sergeev Vrach. delo no. 3;319 Mr '60.

Venous pressure in acute cholecystitis. B. N. Nazarov. Med. zhur. Uzb. no. 10;28-29 O '59.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS

Age and seasonal variations in the total protein level and the ratio of basic protein fractions in the blood serum of Red Steppe calves and hybrids of Red Steppe and milking Shorthorns. V. K. Ivanov. Trudy Inst. morf. zhiv. no. 31:88-92 '60.

Blood proteins in gastric and duodenal ulcer before and following stomach resection K S. Tikhonov Vrach delo no 4,415-417 Ap '60.

Changes in blood serum proteins of hypertension patients with nervous system disorders [with summary in English]. Z N. Dracheva, L L. Kucherova Vrach. delo no 4 373-379 Ap '60.

Nonhemoglobinic iron and blood protein fractions in systemic diseases of the hemopoietic system. A. G. Goloborod'ko. Mat po obm nauch. inform. no. 2; 191-202 '58

Problems of the variability of serum and organic proteins A. S. Volynskii. Med zhur. Uzb. no. 8/9·116-121 Ag-S '58.

Protein composition of the blood in peptic ulcer patients Sh. I. Liberman. Vrach delo no. 4·437-439 Ap '60.

BLOOD SUGAR

Effect of light and photoactive substances on blood sugar content [in Azerbaijani with summary in Russian] B G Rustamova-Gadzhieva Dokl. AN Azerb SSR 16 no. 1, 87-92 '60.

BLOOD VESSELS

Some data on the condition of the blood vessels and capillaries in patients with paradentosis. V. N. Val'chuk, S. I. Frankovskaia, Probl. stom. 4:115-118 '58.

Study of vascular reactions in hypertension. L. I. Lazarenko. Med. zhur. Uzb. no. 7,8-14 Jl '58

Vascular reactions in kidney diseases. L. I. Lazarenko. Med. zhur. Uzb no. 6 50-54 Je '58.

BLOOD VESSELS—INNERVATION

Third effector mechanism of the depressor reaction arising in excitation of the receptors of the lesser pulmonary circulation A. I. Khomaziuk Mat po obm. nauch inform no. 2·161-165 '58

BLOOD VOLUME

Differences in blood volume and skeletal weight during the embryonic period in mammals and birds and their biological principles. P. A. Korzhuev. Trudy Inst. morf. zhiv no. 31 51-59 '60.

BOARDING SCHOOLS

(see also subdivision under Leningrad; Moscow, Syzran', Ukraine)

[Documents and materials on the reorganization of schools] Dokumenty i materialy po perestroike shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 109 p.

Independent homework of primary grade students in boarding schools. F. V. Pis'menskii. Sov. pedag. 24 no. 6.66-76 Je '60

Productive work of students of school communes and "children's towns" in agriculture and industry. G. P. Sosnovskaia. Sov. pedag. 24 no. 3·107-119 Mr '60.

BOARDING SCHOOLS—BIBLIOGRAPHY see Bibliography—Boarding schools

BOATBUILDING

What gives the wing its lifting power? V. Gartvig. Tekh. mol. 28 no. 2;14-15 '60.

BOATS, SUBMARINE see Submarine boats

BOBRUYSK—RUBBER MACHINERY

Modernization of roll mills at the Bobruysk reclaimed rubber factory. N. IA. Berkovich, S. G Irger. Kauch. i rez. 19 no. 6 53-54 Je '60.

BOBRUYSK DISTRICT—STATE FARMS—ACCOUNTING

End undervaluating in accounting for fixed assets. N. B. Gorodetskii. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3· 37 Mr '60.

BODRAK VALLEY—ROCKS, IGNEOUS

Igneous rocks in the Bodrak Basin (Crimea) [with summary in English] R N. Kochurova. Vest LGU 15 no 12 36-47 '60.

BODY OF REVOLUTION

Equilibrium of bodies of revolution. V. N. Ionov Nauch. dokl. vys. shkoly; fiz.-mat. nauki no. 3;87-98 '59.

BOEV, GEORGII PETROVICH, 1898-1959

Georgii Petrovich Boev: obituary. B. Gnedenko, N. Chudakov. Izv. vys. ucheb. zav.; mat. no. 1·245-248 '60.

BOGDANOVICH, NIKOLAI VLADIMIROVICH, 1902-1956

N. V Bogdanovich; an obituary Izv. AN Uz. SSR Ser biol nauk no. 1;85-86 '57.

BOGOLIUBOV, NIKOLAI NIKOLAEVICH, 1909-—BIBLIOGRAPHY see Bibliography—Bogoliubov, Nikolai Nikolaevich, 1909-

BOGORAZ, VLADIMIR GERMANOVICH, 1865-1936

"Across the land of the deer people. V. G. Tan-Bogoraz' travels" by B. I. Kartashev. Reviewed by F. A. Mil'shtein. Sov etn. no. 1,158-159 Ja-F '60

BOGUSLAV DISTRICT—BUILDING MATERIALS

We are using local building materials. M. Stembler, O. Savchenko, I. Vlasenko. Sil'. bud. 7 no 5.11 My '57.

BOHEMIANISM

Truths and errors of the "beat generation." Inostr. lit. no. 1·211-212 Ja '60.

BOILER INSPECTION

In the State Mine Inspection of the R.S.F.S.R. Bezop. truda v prom. 4 no. 3:30 '60.

BOILERS

(see also subdivision under Germany, West; Kiev; Lipetsk)

Absorption of heat by the side screen and water circulation in the second stage of evaporation of the TP-170 boiler. I. N. Petrova, M. M. Przhiialkovskii. Energomashinostroenie 6 no. 3:4-8 Mr '60.

Amendments to the present "Regulations for the installation and operational safety of steam boilers," published in 1957. I. M. Liando. Prom. energ. 15 no. 4·50 Ap '60.

Cinder removal from the hearth and from tapping holes of boilers with liquid slag removal A. A. Madoian, L. G. Madoian Energetik 8 no. 2·5-6 F '60.

Electric boiler. L. I. Mazurina. Vod. i san. tekh. no 3· 36-37 Mr '60.

Igorianov, A. P. [Time standards for boiler work; based on experience obtained at plants] Normativy vremeni na kotel'nye raboty; iz opyta zavodov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 275 p.

In reference to IA. Kh. Averbukh's article 'Small central heating and power plants or regional gas-fired boiler systems.' A. IA. Soloveichik. Prom. energ. 15 no. 4; 43-45 Ap '60.

BOILERS (Continued)

Increasing the use of heat in waste-heat boilers. S. B. Stark. Izv. vys. ucheb. zav., energ. 3 no. 5:99-107 My '60.

Review of V. V. Meikliar's book "Contemporary steam boiler." O I Chaban Energetik 8 no. 2 37-38 F '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 30. [Assembling boiler units] Montazh kotel'nykh ustanovok. 1960. 121 p.

Secure the delivery of low-capacity boiler with the necessary parts. G. Shiler. Bezop. truda v prom. 4 no. 3:31 '60.

Starting and adjusting the TC-35 boiler unit with the Pomerantsev combustion chamber. N. I Uryshev. Mont. i spets. rab. v stroi. 22 no. 3:15-17 Mr '60.

Strength of rolled joints of boiler tubes. D. K. Nechaev. Izv. vys. ucheb. zav., energ. 3 no. 5:129-137 My '60.

Using the powder "Ekotop" M. K. Shcheglov. Energetik 8 no. 2 38-39 F '60.

Vertical layout of a boiler unit. A. P. Kovalev. Izv. vys. ucheb. zav.; energ. 3 no. 6:73-77 Je '60.

BOILERS—INCRUSTATIONS

Effect of a magnetic field on metal corrosion and scale formation during the boiling of solutions. N. G. Chen. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1.158-161 '60.

Effect of hydrodynamic operating conditions of the heating surface on scale formation in boilers. M IA. Polianskii. Trudy LPI no. 187:124-130 '56.

BOILERS—SAFETY MEASURES

Preventing accidents in operating boilers and boiler-type apparatus. D. N. Ktitarev, I. S. Shoikhet. Bezop. truda v prom. 4 no. 3:28-29 '60.

BOILERS, MARINE

Assembled unit supply and mounting of marine boilers. P. A. Man'ko. Trudy NTO sud. prom. no. 32:27-37 '59.

BOILS see Furunculosis

BOKARIUS, NIKOLAI NIKOLAEVICH, 1899-

Nikolai Nikolaevich Bokarius; on his sixtieth birthday anniversary. Sud.-med. ekspert. 2 no. 2:59-60 Ap-Je '59.

BOLDIN, IVAN VASIL'EVICH

"Pages of life." I. Boldin. Moskva 4 no. 2:174-190 '60.

BOLOTNIKOV UPRISING

The initial stage of the first peasant war in Russia I M Skliar Vop. ist no. 6 90-101 Je '60.

BOL'SHAYA SHAYTANOVKA VALLEY—GEOLOGY, STRATIGRAPHIC

Detailed stratigraphy of deposits of the Visean stage in the basin of the Bol'shaya Shaytanovka River in the Northern Urals. V. A. Chermnykh. Dokl AN SSSR 132 no. 6 1403-1406 Je '60

BOLSHEVISM see Communism

BOL'SHIYE LIAKHVI VALLEY—PRECIPITATION (METEOROLOGY)

Extrapolation of precipitation for the southern slope of the main Caucasian range. V. F. Poklepa. Trudy Tbil. NIGMI no. 5.163-167 '59.

BOLTS AND NUTS

Distribution of pressure along the fillets of a nut coupled with a stretched and twisted screw. N. L. Kilachkin, A. A. Starosel'skii. Izv. vys. ucheb. zav.; mashinostr. no. 7:60-68 '59.

BOLTS AND NUTS—TESTING

Device for testing bolts for slow deformation. A. I. Svetlov. Zav. lab. 26 no. 3:379-380 '60.

BOLYAI, JANOS, 1802-1860

The great Hungarian mathematician. B. Delone. Kul't. i zhizn' 4 no. 2:60-61 '60.

BOMB SHELTERS

Shelters from nuclear blast A. Belokon', E. Katurkin Voen. znan 36 no 6·37-38 Je '60.

BONE

Unconditioned interoceptive reflexes from bone and bone marrow. A. D. Li. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:92-98 '58.

BONE GRAFTING

Circular resection of a bone in chronic diaphysary osteomyelitis with replacement of the defect formed by an autotransplant insert. R. S. Manukian. Azerb. med. zhur. no. 3:73-76 Mr '60.

Structural changes in the split bone following two-stage free transplantation into the panniculus adiposus. E. A. Aleksandrova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:221-232 '58.

Structural changes in the split bone following two-stage free transplantation into the panniculus adiposus and into the osseous bed. E. A. Aleksandrova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7.233-244 '58.

Structural changes in the split bone following free one-stage transplantation into the panniculus adiposus and into the osseous bed. E. A. Aleksandrova. Trudy Len gos. nauch.-issl inst. travm. i ortop. no 7:245-252 '58.

BONES—RADIOGRAPHY

Protective screens for personnel trochoscopic examination and for protecting physicians during the examination of the osteoarticular system. I. B. Gurevich. Vest. rent. i rad. 35 no. 1.54-55 Ja-F '60.

BONES—SURGERY

Dynamics of the formation and structure of the costoscapular osseous commissure following osteoplastic fixation of the scapula to the ribs. L A. Danilova Trudy Len. gos. nauch.-issl. inst travm. i ortop. no. 7:36-47 '58.

BONES—TUBERCULOSIS

Atypical resection in tuberculous coxitis [with summary in English]. E. N. Stanislavleva. Khirurgiia 35 no. 12·73-79 D '59.

"Radioscopic diagnosis of tuberculosis of the bones and joints" by G. A. Zedgenidze, V. P. Gratsianskii, F. F. Sivenko. Reviewed by V. A. D'iachenko. Vest. rent. i rad. 35 no. 1.76-78 Ja-F '60.

BONES—WOUNDS AND INJURIES

Kaplan, A. V. [Closed injuries of the bones and joints; with accompanying injuries of the internal organs] zakrytye povrezhdeniia kostei i sustavov, i soputstvuiushchie povrezhdeniia vnutrennikh organov. Moskva, Gos izd-vo med. lit-ry, 1956 418 p.
(DNLM)

BONNARD, ANDRE, 1888-1959

Andre Bonnard, obituary. Vest. drev. ist. no. 1.132-123 '60

BONUS SYSTEM

(see also subdivision under Altai Territory; Czechoslovakia, Germany, East, Germany, West, Lvov)

Bonus system at ore-dressing and sintering plants. M. Shlionskii, A. Stafeev. Sots. trud 5 no. 1:128-130 Ja '60.

Bonus system for the large-scale mechanization of labor in cotton growing. I. Shabodo. Sots. trud 5 no. 3·48-52 Mr '60.

The bonus system should be operational. E. IArin. Sots. trud 5 no. 3:123 Mr '60.

Do boat crews receive bonuses deservedly? F. Fomin. Sots. trud 5 no. 2 124 F '60.

Material compensation in reducing the cost of production. V. Khokhlushkin, S. Karshenbaum. Sots. trud 5 no. 3:104-108 Mr '60.

New changes in the bonus system for engineers and technicians in the chemical industry. S. Z. Pogostin. Khim. prom. no. 8.706-708 D '59.

New rules on the bonus system. A. Dobva. Mast. ugl. 9 no. 2:26-27 F '60.

Some problems of further consolidation of business accounting in coal mines. V. K. Shokun. Ugol' Ukr. 4 no. 2.38-41 F '60.

Wages of engineering workers in experimental production. V. Zhukov, N. Trusikhin. Sots. trud 5 no. 3:108-112 Mr '60.

BOOK BUYING (LIBRARY ECONOMY) see Libraries—Accession Dept.

BOOK CASES see Shelving (for books)

BOOK DESIGN

An interesting publication. Poligr. proizv. no. 3·29 Mr '60.

Remarks about artistic aspects of book manufacture. IU A. Sobolev. Poligr. proizv. no. 3:27-29 Mr '60.

BOOK INDUSTRIES

(see also subdivision under Ivanovo)

Improve the quality of scientific and technical publicity to meet new objectives in the printing and book industries. M. V. Pashkov. Poligr. proizv. no. 3·1-3 Mr '60

Improving organization and economics of printing and book industries. S. A. Truskin. Poligr. proizv. no. 2·11-13 F '60.

The quality of production of R. S. F. S. R. printing houses. V. I. Rozhkov. Poligr. proizv. no. 4:14 Ap '60.

BOOKBINDING

(see also subdivision under Ivanovo)

More consideration to be given to the quality of the bookbinding board and flyleaf paper. A. V. Sidorova, R. P. Rubinshtein. Bum. prom. 35 no. 3,10-12 Mr '60.

BOOKBINDING—EQUIPMENT AND SUPPLIES

(see also subdivision under Zhitomir)

Automatic "ANSh" thread sewing machine. N. F. Blagorodnyi, O. V. Pomorin. Poligr. proizv. no. 3·21-23 Mr '60]

Automatic feeder for bookbinding machines. A. P. Kuz'mina. Poligr. proizv. no. 4:19-20 Ap '60.

Modernization of blade-equipped folding machines. A. A. Mil', B. L. Rykman. Poligr. proizv. no. 4:16-17 Ap '60.

BOOKS

(see also subdivision under Great Britain)

Abol'nikov, S. IA., I. E. Zil'berman, and S. E. Polivanovskii. [The book is your best friend] Kniga - tvoi luchshii drug. [Moskva] Mosk. rabochii, 1960. 83 p.

How to become acquainted with books. E. Evgen'ev. Chto chitat' 3 no. 2:27 F '60.

True, unselfish, and most experienced friend Leonid Leonov. Sov knizh torg 12 no 3 7 Mr '60.

BOOKS—CONSERVATION AND RESTORATION

How to preserve books I Belaia Sov. knizh torg. 12 no 3 47 Mr '60.

System of storing books S Korneeva Sov. knizh torg 12 no. 2 36-37 F '60

BOOKS—REVIEWS

Authors and books. Ogonek 38 no. 5·15 Ja '60.

Authors and books. Ogonek 38 no. 13:13 Mr '60.

[Chronicle of reviews.] Letopis' retsenzii no. 2 '60.

Whose review is the best? V. Serebriankov Bibliotekar' no 6 30 Je '60

BOOKS AND READING

Books are a joy. A. Utesov. Chto chitat' 3 no. 2:20 F '60.

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Germany, East; Latvia; Leningrad; Leningrad Province; Lugansk; Lvov, Moscow; Perm Province; Riga, Rostov-on-Don, Tatar A. S. S. R.; Tomsk Province; Tyumen Province; Usol'ye; Zhdanov)

Book trade during the first nine months of 1959 Sov. knizh. torg 12 no 2·38-39 F '60

Bring books to the masses Agitator no 13 11-13 Jl '60

Creative and joyful work. A. L. Sov. knizh. torg. 12 no. 3 16 Mr '60.

Glorious career. L. Volgin Sov. knizh torg. 12 no. 3 17-18 Mr '60.

How to organize the work of newsstands A Kogol'man Sov knizh torg 12 no 2 33-35 F '60

How we prepare the young generation IA Bershtein Sov. knizh. torg. 12 no 3 20 Mr '60

Important task of the communist book trade Sov knizh torg 12 no 3 1-3 Mr '60

Improving "books by mail" services Sov knizh torg 12 no 2 12 F '60

Look for new methods V Abakumov Sov. knizh torg 12 no 3 42-43 Mr '60.

More centers, stores, and equipment! V. Semin. Sov. knizh. torg. 12 no. 2:5-8 F '60.

The party calls you to new deeds! Sov. knizh torg 12 no. 3 8-11 Mr '60.

Present-day conditions of and means for the improvement of bookselling. Part. zhizn' no 12·29-31 Je '60

Sale of books in department stores and in collective-farm markets. L. S Sov. knizh torg 12 no 2,31-32 F '60

Serious discussion of musical literature has begun N. Gromov Sov. knizh torg 12 no 2 24-27 F '60

Spread competition for the timely fulfillment of the plan for the second year of the seven-year plan. Sov knizh. torg. 12 no 3:4-5 Mr '60

Urgent problems of out-of store sales L. Pavlov. Sov knizh torg 12 no 2 20-22 F '60

What some have done, all can do. Sov knizh. torg 12 no. 3.39-41 Mr '60

Wise advice and dismal reality E Ikonnikov. Sov knizh torg 12 no 2.23-24 F '60

BOOKSELLERS AND BOOKSELLING—COLPORTAGE, SUBSCRIPTION TRADE, ETC.

Maria Kholina. A. Govorov. Sov. potreb. koop. 4 no. 7:27-28 '60.

BOOKSELLERS' CATALOGS see Catalogs, Booksellers'

BOOLEAN FUNCTIONS

Visual-matrix method for minimizing Boolean functions [with summary in English] A. D Zakrevskii Avtom i telem. 21 no. 3.369-373 Mr '60.

BOOTS AND SHOES, RUBBER

Semiautomatic continuous production line of the mixing and rolling section manufacturing colored rubber for shoe soles. M. T. Kliuchnikova. Kauch. i rez. 19 no. 3:41-44 Mr '60.

Unit for mechanical varnishing of rubber shoes V G Golovanova. Biul. tekh.-ekon inform. no. 2 50-51 '60

BORATES

Role of magnesium in the composition of metasomatic formations with borate mineralization [with summary in English]. A. P. Egorov. Geokhimiia no. 2:164-176 '60.

BORDER GUARD

On the frontier. Sov. voin. 42 no.11:26-27 Je '60

BORDONE, PARIS, 1500-1571

Paris Bordone's painting "Venus and Mars." T.Fomicheva. Soob Gos Erm. no.16 31-32 '59.

BORIC ACID

Studying the behavior of boric acid in superheated steam. D.G. TSkhvirashvili, D.P. Nebieridze. Soob. AN Gruz. SSR 23 no.6 695-698 D '59.

BORIDES

Chemical stability and hydrolytic decomposition of diborides of some transition metals in their reactions with acids L.IA. Markovskii, G V Kaputovskaia Zhur prikl khim. 33 no 3 569-577 Mr '60.

Obtaining borides of metals in the IIa subgroup of the periodic table G V. Samsonov, T I Serebriakova. Zhur prikl khim 33 no 3 563-569 Mr '60.

BORING

(see also subdivision under Gornaya Shoriya)

Determining the resistance of soils to displacement in bore holes. K.I. Tyl'chevskii. [Trudy] NIIOSP no.42: 105-122 '60.

Graphic analysis of drilling parameters. S.B.Godzhaev. Izv.vys.ucheb.zav., neft' i gaz 3 no.2·25-31 '60.

Thermal piercing. V. Rich, M. Chernenko. Izobr. i rats. no. 4:25-27 Ap '60.

Using steel shot in air drilling of test wells. E.A. Kozlovskii. Razved. i okh. nedr 25 no.12·36-39 D '59.

Ways for breaking down hard rocks faster A V. Brichkin Vest AN SSSR 30 no 6 89-92 Je '60

What is "Mo-hole?" Tekh.mol. 28 no.2 23 '60.

BORING MACHINERY

(see also subdivision under Bulgaria)

The BTS-2 self-propelled boring machine. G I Savotin Mekh stroi 17 no 6 17-21 Je '60

BU-1 rotary-percussion boring machine. N. I. Ivanov. Ugol' Ukr. 4 no 2 26-27 F '60

Certain problems of safety and industrial hygiene in operating manual electric drills. V.I.Elgazin. Izv.vys. ucheb. zav.; gor. zhur. no.1:88-91 '60.

Creation of electric boring machines of percussive and rotary-percussive effect. P. M. Alabuzhev, N. P. Riashentsev, O. D. Alimov. Izv. vys. ucheb. zav.; gor. zhur. no 1·101-108 '60.

Defining the kinematics of the walking mechanism on BS-110/25 boring machines. B. A. Katanov. Izv. vys. ucheb. zav.; gor. zhur. no. 1:109-114 '60.

Double core barrel drills for shot and hard alloy drilling. G. I. Neudachin, L. G. Sholokhov. Izv. vys ucheb. zav.; geol. i razv. 2 no 11:101-107 N '59.

Flame-throwing drill for drilling blastholes in pits. S. M Meleshkin and others Biul. tekh -ekon inform no 2. 4-6 '60.

Improved electric drills. Izv. vys. ucheb. zav.; neft' i gaz 3 no.2 46 '60.

Jet piercing machine. Ugol' Ukr. 4 no. 2:28 F '60.

New units for test drilling. V.S.Kaz'min. Bezop. truda v prom. 4 no.3:16-17 '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 14. [Well boring for water] Burenie skvazhin na vodu. 1960. 165 p.

The TSBU-300-ZIV motor-driven boring unit. M. B. Fedorov. Biul. tekh -ekon. inform. no. 3:3-5 '60.

Technical assistance in mastering original equipment. V. Andreev Vnesh torg. 30 no. 6 32 '60

Using rotary methods in boring holes in limestones. N F. Ladygin. Stroi mat 6 no. 2 23-25 F '60.

Zhevago, K. A., T. Z. Portnoi, and B. M. Shkol'nikov. [Boring equipment drives] Privod burovykh ustanovok. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 362 p.

BORING MACHINERY—ELECTRIC DRIVING

Mechanical drive for operating the auger and beam of the boring machine. F.I. Uspenskii. Energetik 8 no. 3:17-20 Mr '60.

BORING MACHINERY—TESTING

Testing the PBS-8 boring unit. V. F. Chub, G. L. Koval'. Ugol' Ukr. 4 no. 3:44-45 Mr '60.

BORISOV—PUBLIC HEALTH

New Borisov. I Volk. Zdorov'e 6 no. 5·22-24 My '60

BORISPOL'—COMMUNITY CENTERS

Do away with dullness, drunkenness, and "smartness" T. Voskoboinikova Sots kul't. 11 no 3 17-19 Mr '58

BORKOVSKII, VIKTOR IVANOVICH, 1900-

Viktor Ivanovich Borkovskii. I. A. Vasilenko. Rus. iaz. v shkole 21 no. 1:110-111 Ja-F '60.

BORODIN, ALEKSANDR PORFIR'EVICH, 1833-1887

On the origins of A. P. Borodin's opera "Prince Igor." N. A. Listova. Soob. Inst. ist. isk. no. 15:36-75 '59.

BORODKIN, STEPAN ROMANOVICH, 1906-1934

Retracing the steps to a heroic deed. V. Gaponov, T. Stepanchuk. Kryl rod 11 no 2·19 F '60.

BORON—ISOTOPES

Separation of boron isotopes by the method of chemical exchange. G. M. Panchenkov, A. V Makarov, L. I. Pechalin. Vest. Mosk. un. Ser. 2· Khim. 15 no 2 3-12 Mr-Ap '60

BORON—PHYSIOLOGICAL EFFECT

Effect of boron and manganese on variation in sugar production in the cotton plant and the translocation of sugars from the leaves [in Azerbaijani with summary in Russian]. M G. Abutalybov Uch zap AGU Biol ser no 2 37-47 '59

BORON CARBIDE

Physicochemical investigation of the section SiC - B_4C of the system Si - B - C. A. A. Kalinina, F I. Shamrai. Trudy Inst met no. 5:151-155 '60.

Some properties of titanium boride and double titanium-chromium boride alloys fused with boron carbide K. I Portnoi, G V Samsonov, K I Frolova Zhur prikl khim 33 no 3 577-582 Mr '60

BORON COMPOUNDS

Analytical use of complex compounds of boron with phenolcarboxylic acids [with summary in English]. V. A. Nazarenko, S. IA Vinkovets'ka Dop AN URSR no 2 196-197 '60

BORON ORGANIC COMPOUNDS

Organoboron compounds. Report No. 60· Synthesis of trialkyl borons from metaborates, and their conversion into esters of dialkylboronic acids. B. M. Mikhailov, V. A. Vaver. Izv. AN SSSR Otd. khim. nauk no. 5:852-856 My '60

BORON OXIDES

Mechanism of the action of boric anhydride on the reactions of clinker formation. M. F. Chebukov, V. A. P'lachev. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1: 196-198 '60.

BOROVICHI DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Needless records I Fedorov Part zhizn' no 13 61 Jl '60.

BOROZDIN, IL'IA NIKOLAEVICH, 1883-1959

In memory of I. N. Borozdin; obituary. Vest. drev. ist. no. 1:122 '60.

BOSTANDYK DISTRICT—BOTANY

Vegetation of Bostandyk and possibilities for its economic utilization. V. N. Pavlov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:86-105 '59.

BOSTANDYK DISTRICT—NUT TREES

Nut forests of the Kaynarsay area of Bostandyk District. R. S. Vernik, Sh. Kamalov. Uzb. biol. zhur. no. 1:20-26 '60.

BOSTANDYKSKIY DISTRICT—TEA

Paravian, A. V. [Acclimatization of the tea plant under mountain conditions of Central Asia] Opyt akklimatizatsii chainogo kusta v gornykh usloviiakh Srednei Azii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 264 p.

BOTANICAL CHEMISTRY

Changes in the types of carbohydrates in the different organs of plants at different stages of development. V. O. Kazarian, E. S. Avundzhian, K. A. Karapetian. Dokl. AN Arm. SSR 30 no. 2,125-128 '60.

BOTANICAL DRUG INDUSTRY

Over-all mechanization in medicinal plant growing. M.I. Chashkin. Med.prom. 14 no.4 7-12 Ap '60.

BOTANICAL GARDENS see subdivision under Alma-Ata; Moscow

BOTANICAL GEOGRAPHY see Phytogeography

BOTANICAL RESEARCH

(see also subdivision under Kyzyl Kum; Russia, Northern; White Russia)

Certain methods used in estimating the abundance of species of herbaceous plants and undershrubs in forests of the taiga zone. I V Karmanova. Bot. zhur. 45 no. 2 238-248 F '60.

BOTANICAL SOCIETIES see subdivision under Kazan

BOTANY

(see also subdivision under Bostandyk District; Carpathian Mountains; Crimea; Fergana; India, Kopet Dag; Kyzyl Kum; Lagodekhi Preserve; Ural Valley; Uzbekistan; Volga Valley; White Sea region)

Alekhin, V. V. [Vegetation of the U. S. S. R. in its principal regions] Rastitel'nost' SSSR v osnovnykh zonakh. Izd. 2. Pod obshchei red. S. S. Stankova. Moskva, Gos. izd-vo "Sovetskaia nauka," 1951. 511 p.

BOTANY—ANATOMY

Structural changes in the stalk and leaves of Zea mays L. during ensilage. A D. Zinov'eva. Bot. zhur. 45 no. 3 400-404 Mr '60.

BOTANY—BIBLIOGRAPHY see Bibliography—Botany

BOTANY—CONGRESSES

Work of the Section of Morphology and Anatomy at the Ninth International Botanical Congress. V. A. Poddubnaia-Arnol'di, M. S. IAkovlev. Bot. zhur. 45 no. 3. 458-462 Mr '60.

BOTANY—ECOLOGY see subdivision under Baikal region; West Kazakhstan Province

BOTANY—EMBRYOLOGY

Embryology in some apple varieties [with summary in English] A V Konstantinov Izv AN SSSR. Ser biol. no 2:256-264 Mr-Ap '60.

BOTANY—EXHIBITIONS see subdivision under Alma-Ata

BOTANY—MORPHOLOGY

Conference on the morphogenesis of plants. T. Bagdasariants Vest. sel'khoz nauki 5 no. 2 148-149 F '60.

Morphogenesis of woody plants and paths of morphological evolution from trees to grasses [with summary in English]. V N Golubev Biul. MOIP. Otd biol 64 no 5 49-60 S-O '59.

Some methodological problems in plant morphology, a critical analysis of Agnes Arber's work "The natural philosophy of plant form" N V Pervukhina Bot zhur 45 no 2 288-303 F '60

BOTANY—NOMENCLATURE

The concept of series from the standpoint of nomenclature. I A Linchevskii Bot zhur 45 no 2 252-253 F '60

BOTANY—PERIODICALS

"Botanicheskii zhurnal Akademii Nauk SSSR," Nos 1-2, 1959 Reviewed by N. N. Kuznetsov Vest Inst. po izuch. SSSR no. 4 130-132 O-D '59

BOTANY—PHYSIOLOGY see Plant physiology

BOTANY—VARIATION

Development of new forms in rice fields of the bottom lands and delta of the Volga River V. I. Svinarev. Dokl AN SSSR 132 no 5·1183-1186 Je '60

BOTANY, ECONOMIC see subdivision under Burma

BOTANY, MEDICAL

(see also subdivision under China, Uzbekistan)

Study of medicinal plants described in the "Canon" of Avicenna. Kh. Kh. Khalmatov. Med. zhur. Uzb. no. 7: 65-72 Jl '58.

BOTFLIES see subdivision under Kazakhstan; Kulyab region

BOTTLE WASHING

Bottle-washing machine designed by the Dzhambul Liqueur and Vodka Plant. G. S. Kodin. Spirt. prom. 26 no. 1. 22-27 '60.

Consultation. Kons. i ov. prom. 15 no. 3:42-44 Mr '60.

Motion of bottles in a rotary bottle-washing machine. S. E. Bruk Trudy LTIKHP 13:114-127 '57

BOTTLED GAS see Liquefied petroleum gas

BOUNDARY LAYER

Boundary layer with an underlayer of nontransparent gas. A. N. Rumynskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 141-143 My-Je '60.

BOUNTY (SHIP)

The last voyage of "The Bounty." V. Tulov. Vokrug sveta no. 3:63 Mr '60.

BOVE, OSIP IVANOVICH, 1784-1834

Outstanding Russian architect. Z. I. Sokolova-Pokrovskaia, I. A. Marienbakh. Izv. ASiA no. 4:175-176 '59.

BOXING

Helsinki-Melbourne-Rome.... A. Makarov. Kul't. i zhizn' 4 no. 3:58-61 '60.

Principles in teaching infighting techniques in boxing and how this training can be improved. E. I. Ogurenkov. Teor. i prak. fiz. kul'. 22 no. 12:915-918 '59.

Research on the effectiveness of various methods in using free fighting during the boxer's training. IU. I. Sirotkin. Teor. i prak. fiz. kul'. 22 no. 12:926-930 '59.

What has happened to boxing? M. Aleksandrov. Ogonek 38 no. 12:27 Mr '60.

BRACHIOPODA, FOSSIL

(see also subdivision under Aktash region, Tatar A. S. S. R.; Fergana; Kara-Tau; Minnibayevo region; Timan Ridge; Ural Mountain region; Volga Valley)

Systematics and evolution of spiriferids (Brachiopoda). E. A. Ivanova. Paleont. zhur. no. 4,47-64 '59.

BRAHMS, JOHANNES, 1833-1897

Violin sonatas of Brahms. K. Adzhemov. Sov. muz. 24 no. 3 132 Mr '60.

BRAIN

Chemical asymmetry of the subcortical nodes and cerebral cortex in man [with summary in French] V. A. Del'va. Zhur. nevr. i psikh. 60 no 1 26-28 '60.

Peculiarities in the clinical aspects of reactive conditions arising against a background of vascular disorders of the brain. N. N Lebedeva. Probl sud. psikh. 8:291-307 '59

Permeability of the hematoencephalic barrier following intramuscular use of streptomycin in patients with various nervous diseases. N. D. Kuznetsov. Med. zhur. Uzb. no. 10:10-15 O '58.

BRAIN—BLOOD SUPPLY

Insufficiency of cerebral circulation [with summary in French]. N. K. Bogolepov, L. O. Badalian. Zhur. nevr. i psikh. 60 no. 1 3-8 '60.

BRAIN—DISEASES

Clinical aspects of fat embolism of the brain vessels. R P. Poltoratskii Vrach. delo no 1·87 '60.

Disability evaluation for persons with vascular diseases of the brain [with summary in English]. I. O. Giluta. Vrach. delo no. 2:139-143 F '60.

Eosinophile test as an index of "stress reaction" in vascular diseases of the brain A E. Krasiuk Vrach delo no 1·21-24 '60

Histopathology of the brain and of some internal organs in Heliotropium toxicosis (toxic hepatitis with ascites) and its pathogenesis. K. IU. Usmanov Med. zhur. Uzb. no. 11·59-64 N '58.

Letters to the editors. I Toporkov, L. TSiganek. Zhur. nevr. i psikh. 60 no. 1 124-125 '60.

Pathology of nerve fibers and synaptic junctions of the human brain in focal vascular lesions [with summary in French]. T. S. Matveeva. Zhur. nevr. i psikh 60 no 1·18-25 '60.

Treatment of hemiballism with aminazine [with summary in French]. V. P. Silis, F. M. Lisitsa. Zhur. nevr. i psikh. 60 no. 1 37-39 '60.

BRAIN—HEMORRHAGE

Medicolegal characteristics of traumatic subarachnoidal hemorrhage P G Areshev Zdravookhranenie 2 no 6·33-36 N-D '59

BRAIN—INFLAMMATION see Encephalitis

BRAIN—TUMORS

Morphological changes in the optic nerves in tumorous processes of the brain E. V. Magal'nik. Oft zhur 12 no. 5 278-282 '57.

Some chemical changes in tumorous brain [with summary in English] A. IA. Miestechkina. Ukr. biokhim zhur. 32 no 3:381-393 '60

BRASILIA

The capital has moved. Vokrug sveta no. 4·65 Ap '60.

BRATISLAVA—LIBRARY CONFERENCES

Second General State Congress of Czechoslovak Librarians. A. A. Khrenkova. Bibliotekoved. i bibl. za rub. no. 4:55-59 '59.

BRATSK HYDROELECTRIC POWER STATION

Dam and routine. IA. Popolov. Izobr. i rats. no. 3:23-24 Mr '60.

On the banks of the Angara River. I. Shermenev, V. Kuznetsova. NTO 2 no. 4:56-58 Ap '60.

On the Lenin watch. G. Frolov. Ogonek 38 no. 15:16-16d Ap '60.

Under the new conditions. V. Shpagin. Sov. profsoiuzy 16 no. 12:27-28 Je '60.

BRAZIL—COLLEGE AND SCHOOL PERIODICALS

"Movement" and ideas. Cesar Alonso Alvarado. Vsem. stud. nov. 14 no. 2:8-9 F '60.

BRAZIL—ECONOMIC CONDITIONS

A rich country and a poor people, this is Brazil. Izul. Zhen. mira no. 2 23-25 '60.

BREAD

(see also subdivision under Novosibirsk)

Bread is one of the greatest inventions A. IAseneva IUn tekh 4 no 3 38-42 Mr '60

BREAD—PRICES

Retail price system of bread in the U. S. S. R. IU. P. Avdiiants. Nauch. trudy MGEI no. 17:150-165 '59.

BREADSTUFFS see Grain

BREAKWATERS see subdivision under Saratov

BREAM see subdivision under Courland Lagoon, Glubokoye, Lake (Moscow Province); Rybinsk Reservoir; White Russia

BREASTBONE see Sternum

BRECHT, BERTOLT, 1898-1956

Is that kind of "discussion" necessary? L. Chernaia. Inostr. lit no. 2:231-234 F '60.

BRENT-GOOSE

Brant goose (Branta bernicla L.) in the Soviet Union S. M. Uspenskii. Migr. zhiv. no. 1.124-138 '59

BREST—VOCATIONAL EDUCATION

Improving educational equipment and facilities. A. Komel'kov, B. Markeev. Prof.-tekh. obr. 17 no. 3:26 Mr '60.

BREWING

Mechanical dewatering of brewer's grain I. T Kretov. Izv. vys ucheb. zav ,pishch tekh no 1 122-126 '60

BRICK BUILDING see Building, Brick

BRICK INDUSTRY—SAFETY MEASURES

"Our Ivan Ivanovich." S. Grigor'ev. Okhr. truda i sots. strakh 3 no. 2:53-54 F '60.

BRICKLAYING—COLD WEATHER CONDITIONS

Davidson, M. G. [New methods for conducting building operations in winter; bricklaying and plastering using mortars with potash additives] Novoe v tekhnologii zimnikh stroitel'nykh rabot, kirpichnaia kladka i oshtukaturivanie na rastvorakh s dobavkoi potasha. [Leningrad] Lenizdat, 1960. 126 p.

BRICKMAKING

(see also subdivision under Kherson Province; Krasnokutsk District; Makarovka District)

Album of designs of brick and tile factories. L Vilents', H Marchenko. Sil'. bud 7 no 5.23 My '57.

Classifying raw materials and batching in making bricks. F. Barshchevs'kyi. Sil'. bud. 8 no. 2:12-13 F '58.

New method for kilning bricks in reducing media. L. M. Liokumovich. Trudy RISI no 15 121-132 '58.

Using slag-cinder sludge and coke fines in brickmaking Rats i izobr predl v stroi no 14 50-53 '60.

BRICKMAKING MACHINERY

Automatic machine for cutting and stacking green bricks Rats i izobr predl v stroi no 14 39-41 '60

Mobile units for making bricks Rats i izobr predl. v stroi no 14 41-46 '60

SM296B and SM296V brickmaking units Rats i izobr. predl v stroi no 14 46-50 '60

BRICKS

Effect of the structure of pores on the frost resistance of bricks. A. S. Berkman, I. G. Mel'nikova. Stroi. mat. 6 no. 4:34-37 Ap '60.

BRICKS—DRYING

Methods for drying green brick and its quality. I. Zaika. Sil'. bud. 10 no. 6:17-18 Je '60.

BRICKS—TRANSPORTATION

Belt feed for bricks to be installed between two conveyers. Rats. i izobr. predl. v stroi. no. 13:41-43 '59.

Unloading bricks from annular kilns using electric loaders D S Mosiagin. Stroi mat 6 no 6 29-30 Je '60

BRIDGE CIRCUITS

Design and recalibration of automatic bridge circuits and potentiometers. V. A. Petrovskii. Priborostroenie no. 4:8-10 Ap '60.

BRIDGE CONSTRUCTION

Engineering structures on rivers covered with overglazed ice and in permafrost areas. S. M. Bol'shakov. Transp. stroi. 10 no. 3 44-46 Mr '60

Preventing the formation of cracks in bridge supports during concrete laying under winter conditions. V. S. Luk'ianov, I. I. Denisov Transp. stroi. 10 no. 3:47-49 Mr '60

BRIDGES—DESIGN

Coefficients of maximum erosion for designing bridge openings. O. V Andreev. Avt. dor. 23 no. 3:26-27 Mr '60.

BRIDGES—FOUNDATIONS AND PIERS

(see also subdivision under Soviet Far East)

Bridge supports on shell tubings. S. IA. Bykov, A. P. Sidorovich, V. I. Trush. Transp. stroi. 10 no. 3:24-28 Mr '60.

Constructing bridge supports under winter conditions. M. M. Gritsenko, IU. L. Donets Transp stroi. 10 no. 3. 29-31 Mr '60.

Deflectors on the piers of bridges across high-velocity water courses. A. P. Voinovich. Izv. VNIIG 62:201-202 '59.

Marvelous shells. L. Arnautov, IA Karpov. Nauka i zhizn' 27 no 3 62-63 Mr '60

BRIDGES, CONCRETE

(see also subdivision under Oka River, Tisza River; United States; Voronezh)

Lapinin, A. F. [Analyzing the performance of precast bridges with longitudinal and lateral stressed reinforcements] Analiz raboty sbornogo mosta s prodol'noi i poperechnoi napriazhennoi armaturoi. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1959. 34 p.

New designs of precast highway bridges. S. Vorozhbev. Avt. dor. 23 no. 6·4-6 Je '60

Prestressed span structures made of standardized blocks. V A. Slovinskii Transp stroi. 10 no 3:22-24 Mr '60.

Using precast reinforced keramzit-concrete slabs in constructing bridge floors. G. IA. Pochtovik and others. Avt. dor. 23 no. 4:14-16 Ap '60.

Using the suspension method. S. N. Pshenichnikov. Avt. dor 23 no 3 7-9 Mr '60

BRIDGES, IRON AND STEEL

Tolmachev, K. Kh. [Controlling stresses in metal bridge span structures] Regulirovanie napriazhenii v metallicheskikh proletnykh stroeniiakh mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 114 p.

BRIDGES, STONE

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 3. [Masonry work] Kamennye raboty.
No. 2. [Stone bridges and pipes] Kamennye mosty i truby. 1960. 12 p.

BRINELL TEST

Mechanical principles of hardness testing. V. K. Grigorovich. Trudy Inst met no. 5·244-249 '60.

Relation of metal hardness during cold working to the reversal of the deformation stress I M. Pavlov, V. IA. Mezis. Trudy Inst. met no 5:100-112 '60.

BRIQUETS (FUEL)

Manufacturing briquets from coal fines to "Zhurinka-3" and "Polysaevskaia-2" mines in the Kuznetsk Basin. G. Z. Zvenigorodskii, N. I. Levina. Obog. i brik. ugl. no. 11·11-15 '59.

BRITISH COMMONWEALTH OF NATIONS see Commonwealth of nations

BRNO (CZECHOSLOVAKIA)—FAIRS

Czechoslovakian machines at the Brno fair. N. S. Semin. Biul. tekh.-ekon. inform. no. 3:76-78 '60.

BROACHING MACHINES

Baklunov, E. D. [Broaches; design, technology of their manufacture, and operation] Protiazhki; konstruktsiia, tekhnologiia izgotovleniia i ekspluatatsiia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 167 p.

BROACHING MACHINES—HYDRAULIC DRIVING

Analysis of hydraulic systems of broaching machines. G. S. Talako. Mash. Bel. no. 6:3-16 '59.

BRODY DISTRICT—RELIGION

Innovation. I. Smilian. Nauka i rel. no. 3:69-70 Mr '60.

BROMIDES

Bromides. P. I. Zagorodnyi Zdorov'e 6 no 5 31 My '60.

Investigating a reciprocal system of sodium and potassium bromides and iodides. Report No. 5: Solubility isotherm of the density and viscosity at +35° of the system NaBr - KBr - H_2O. A. I. Agaev, A. I. Dzhabarov. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1:89-92 '59.

BROMINATION

Bromination of organic compounds with N-bromosuccinimide (Wohl-Ziegler reaction). I. V. Machinskaia, V. A. Barkhash. Reakts. org. soed. 9:287-381 '59.

Stereochemistry of reactions of addition to a triple bond. Report No. 3: Stereochemistry of bromination of propargyl alcohols. I. N. Nazarov, L. D. Bergel'son. Izv. AN SSSR Otd. khim. nauk no. 5:887-895 My '60.

Stereochemistry of reactions of addition to a triple bond. Report No. 4: Stereochemistry of bromination of acetylene and mono-substituted acetylenes. I. N. Nazarov, L. D. Bergel'son. Izv. AN SSSR Otd. khim. nauk no. 5: 896-901 My '60.

BRONZES, CHINESE

A book on the ancient art of Chinese craftsmen in artistic founding, coinage and metal engraving ("Bronze mirrors of the T'ang Sung period" [in Chinese] by Shen Ts'ungwen. Reviewed by G. Stratanovich. Sov. etn. no. 1 172-174 Ja-F '60.

BROOM RAPE

Polymerous flower of Phelipaea coccinea Poir. P. L. L'vov. Bot. zhur. 45 no. 3:414-415 Mr '60.

BRUCELLA

Possibility of utilization of cortisone for studying vaccinal strains of Brucella [with summary in English] N I Braude. Zhur. mikrobiol epid. i immun. 31 no 2 83-88 F '60

Spreading factors in Brucella [with summary in English]. E G Mamatsashvili. Zhur. mikrobiol. epid i immun 31 no. 2 88-91 F '60

BRUCELLOSIS

Epidemiology of brucellosis of the suis type [with summary in English]. D. I. Drankin, B. A. Zamotin, V.S Korzheva. Zhur. mikrobiol epid. i immun 31 no. 2 95-100 F '60.

Experimental mixed infection. Q fever and brucellosis. Report No. 2. Pathomorphology of mixed infection [with summary in English]. Z. D. Khakhina and others. Zhur. mikrobiol. epid. i immun. 31 no 2·77-82 F '60

Groundless refusal to act on the basic link in the prevention of brucellosis (reply to S. M. Smirnov's article "Results and prospects of brucellosis prevention in the U.S.S.R." in "Zhur. mikrobiol epid i immun , No 11, 1958. V M. Romanov and others. Zhur mikrobiol epid i immun 31 no. 2:144-146 F '60.

Peculiarities of the course of brucellosis in vaccinated subjects [with summary in English]. M. N. Poberezkin. Zhur. mikrobiol. epid i immun 31 no. 2 91-95 F '60.

Problem of the duration of immunity to plague, tularemia and brucellosis in guinea pigs vaccinated subcutaneously with a mixture of the corresponding three vaccines. V. G. Pilipenko and others. Zhur. mikrobiol. epid. i immun 31 no. 2:23-29 F '60.

Reaction of the cardiovascular system in brucellosis patients treated with ultrahigh-frequency electricity. Z. S. Zakhar'ian. Med. zhur Uzb no. 7 24-28 Jl '58

Summarized results of a study of natural focus infections in White Russian S. S. R Report No 2· Tularemia, brucellosis, trichinosis [with summary in English]. V. I. Voitakov and others Zhur mikrobiol epid. i immun no. 2:65-68 F '60.

Valuable scientific study ("Chronic brucellosis" by N. D. Beklemishev. Reviewed by I. Parnas). Vest. AN Kazakh. SSR 16 no. 3:91-93 Mr '60.

Vitamin C in parturients with brucellosis. N. T. Raevskaia. Med. zhur. Uzb. no. 8/9 67-70 Ag-S '58.

BRUCELLOSIS IN CATTLE

Incidence of brucellosis of cattle and sheep in the U.S.S.R E. S. Orlov. Zhur mikrobiol epid. i immun. 31 no. 2· 143 144 F '60.

BRUCELLOSIS IN SHEEP

Incidence of brucellosis of cattle and sheep in the U.S.S.R. E. S. Orlov. Zhur mikrobiol epid i immun 31 no. 2. 143-144 F '60.

BRÜNN see Brno

BRUNO, GIORDANO, 1548-1600

Intrepidity of spirit and thought. Sem'ia i shkola 15 no. 2:41 F '60.

BRUSSELS—EXHIBITIONS

Bol'shakov, L. G. [World review; achievements of the U.S.S.R. at the World Fair in Brussels] Vsemirnyi smotr; uspekh SSSR na Vsemirnoi vystavke v Briussele. Moskva, Izvestiia, 1959. 85 p.
(MIR)

BRYANSK—INDUSTRIAL HYGIENE—STUDY AND TEACHING

Industrial hygiene or industrial safety? A. Moskalenko. Okhr. truda i sots. strakh. 3 no. 2:35 F '60.

BRYANSK—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Surprise inspections of the Communist Youth League. A. Poliakov. Okhr. truda i sots. strakh 3 no. 4 63 Ap '60.

BRYANSK PROVINCE—AGRICULTURE

A planted tree should grow. I. Tomilina. Mol. komm. no. 3:58-65 Mr '60.

BRYANSK PROVINCE—INSURANCE, SOCIAL—AUDITING AND INSPECTION

Auditing and help are most important. F. Arkhipova. Sots. obesp. 21 no. 3:14-15 Mr '60.

BRYOPHYLLUM

Case of anomalous inflorescence in Bryophyllum. A. G. Araratian. Izv. AN Arm. SSR. Biol. nauki 12 no. 12:73-78 D '59.

BUBENNOV, MIKHAIL SEMENOVICH, 1909-

Great schemes. IU. Pukhov. Sov. voin 41 no. 22:27 N '59.

BUBONIC PLAGUE see Plague

BUDAPEST—LIBRARIES

One of many. Laszto Rosta. Bibliotekar' no. 6:55 Je '60.

BUDAPEST—PUNCHED CARD SYSTEMS—LIBRARIES

Use of punched cards in the Budapest State Library. R. Barabási. Sov. bibl. no. 1:116-122 '60.

BUDGET
(see also subdivision under Dobrianka District, United States)

New budgetary law of the U.S.S.R. and the budgetary rights of the Union Republics. E. A. Glovinskii. Mat. i soob. Issl otd. Inst. po izuch. SSSR no. 10:17-31 D '59

What must be taken into consideration in the draft law. S. Valiev. Fin. SSSR 21 no. 6:51-53 Je '60.

BUG VALLEY—MINERALOGY

Mineralogy of Quaternary sediments and the weathering crust of crystalline rocks in the western Dnieper Valley and the Bug Valley [with summary in English]. M. G. Diadchenko. Dop. AN URSR no. 1,82-86 '60.

BUILDING .
(see also subdivision under Krasnoyarsk; Lesovody, Moscow; Pereshchepino District; Stalino Province; Zhukovskiy)

Build cheaply and efficiently. V. Shpeer. NTO 2 no. 4: 35-36 Ap '60.

City, housing, and technology. D. Khodzhaev. Znan. sila 35 no. 3:2-6 Mr '60.

[Construction and architecture abroad] Stroitel'stvo i arkhitektura za rubezhom no. 2 '59.

From the pages of foreign journals Mekh stroi 17 no. 6·31-3 of cover Je '60

Handbook for rural builders. A. IAkovliev. Sil'. bud. 8 no. 2:23 F '58.

Headquarters of the Communist Youth League. I. Korabel'nikov. Tekh. mol. 28 no. 2:10-11 '60.

Helicopters help in construction. A. Boiko. Grazhd. av. 17 no. 3:8 Mr '60.

How builders change the appearance of collective farm villages. A. Baryshev. Otv. na. vop. trud. no. 109:34-40 '59.

Medvedev, P. M. [Principles of building] Osnovy stroitel'nogo dela. Leningrad, Izd-vo "Rechnoi transport." Leningr. otd-nie, 1960. 303 p.

Mixed brigades and brigade leaders. Stroitel' no. 3·1-2 Mr '60.

New books on construction economics. Ekon. stroi. no. 3·71 Mr '60.

Poliakov, P. I., L. U. Soltukov, and S. I. Shchirin. [Geodetic measurements made during the process of construction in industrial and civil engineering; manual for construction engineers] Geodezicheskie razbivochnye raboty v promyshlennom i grazhdanskom stroitel'stve; spravochnoe posobie dlia inzhenerov-stroitelei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 176 p.

Regulating wages of builders. S. Mitin. Stroitel' no. 4: 26-29 Ap '60.

Rogovin, N. A. [Advanced methods in the building of steam power plants] Peredovye metody stroitel'stva teplovykh elektrostantsii. Moskva, Orgenergostroi, 1958. 53 p. (Iz opyta energeticheskogo stroitel'stva)
[MICROFILM]

What are you working on? A. Golikov. Ogonek 38 no. 13:12 Mr '60.

White Russia. Glavnoe upravlenie po organizatsii stroitel'stva v kolkhozakh. [Manual for rural builders] Spravochnik sel'skogo stroitelia. Pod obshchei red. N. N. Afanas'eva. Minsk, Gos. izd-vo BSSR, 1960. 634 p.

BUILDING—ABSTRACTS

[Journal of abstracts: Construction and architecture.] Referativnyi zhurnal; Stroitel'stvo i arkhitektura 2 no. 3 '60.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

Utenkov, V. F., and M. A. Vlasova. [Special problems in and methods for conducting building operations under winter conditions] Osobennosti i metody proizvodstva stroitel'nykh rabot v zimnee vremia. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 34 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: Stroitel'stvo, no. 1)

BUILDING—CONGRESSES

First Congress of the International Council of Construction. V. A. Bakaev. Izv. ASiA no. 4,164-168 '59.

International problems in architectural planning, designing, and reseeach work. M. I. Medvediev. Visnyk ABiA URSR no. 1:44-48 '60.

BUILDING—CONTRACTS AND SPECIFICATIONS

Aid for people building their own houses. Stroitel' no. 3: 30-31 Mr '60.

BUILDING—ESTIMATES

Estimate and financial documentation in construction. A. I. Evstiugov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:56-61 Mr '60.

Main trends in revising the standards for making estimates in Part 4, of "Construction norms and regulations." Ekon. stroi. no. 3·51-58 Mr '60.

New unified standards and estimates. S. Mitin. Ekon. stroi. no. 3:20-27 Mr '60.

Some problems in estimating costs of hydraulic structures. E. S. Dunaev. Gidr. stroi. 29 no. 3:16-23 Mr '60.

BUILDING—EXHIBITIONS see subdivision under Moscow

BUILDING—STUDY AND TEACHING see subdivision under Novosibirsk

BUILDING—TECHNOLOGICAL INNOVATIONS

Enlarge the role of the community in the technical development of building. NTO 2 no. 3:41-42 Mr '60.

BUILDING—TOOLS AND IMPLEMENTS

Equipment for fully prefabricated housing construction. G. Svistunov, K. Bezrukov. Arkhit. i stroi. Mosk. 8 no. 7:22-25 Jl '59.

BUILDING, ADOBE see subdivision under Transcarpathia; White Russia

BUILDING, BRICK
(see also subdivision under Azerbaijan)

Organization of the mass production of vibrated brick panels. N. Dikerman. Arkhit. i stroi. Mosk. 8 no. 7: 14-15 Jl '59.

BUILDING, IRON AND STEEL

The use of steel construction elements has not been justified. M. G. Ingel'skii. Prom. stroi. 38 no. 3: 51-52 '60.

BUILDING, STONE

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 8. [Finishing work] Otdelochnye raboty.
No. 3. [Facing with natural stone] Oblitsovka estestvennym kamnem. 1960. 69 p.

BUILDING, WOODEN

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for making and using pinion joints of glued wooden construction elements and details] Ukazaniia po primeneniiu i izgotovleniiu zubchatykh soedinenii v kleenykh dereviannykh konstruktsiiakh i stroitel'nykh detaliakh. Moskva, Biuro tekhn. informatsii, 1959. 26 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 6. [Carpentry and cabinetwork] Plotnichnye i stoliarnye raboty.
No. 1. [Wooden construction elements of buildings and structures] Dereviannye konstruktsii zdanii i sooruzhenii. 1960. 47 p.

BUILDING BLOCKS
(see also subdivision under Stalinogorsk)

Assembling houses of brick blocks. L. Zhil'tsov. Stroitel' no. 3 24-25 Mr '60.

Finishing surfaces of brick blocks by the method of vibropressing. M. Kucher, L. Mogilevskii. Stroi. i arkhit. 8 no. 2·10-11 F '60.

Grab for tilting and loading blocks. P. L. Eremenok, V L Khasilev Stroi mat. 6 no. 2 23 F '60

Houses built of silicate blocks A. P. Shcherbenok. Stroi. i arkhit Len 22 no 2 15-17 '60.

Improve the quality of brick blocks. Stroi. i arkhit. 8 no 2,11 F '60

Large brick blocks made by the method of Popov-Orliankin. G. Uvarov. Stroi. i arkhit. 8 no. 2:27 F '60.

Making blocks using granulated slags and distillation wastes. S. Hrechushnykov and others. Bud mat. i konstr. 2 no 1:28-30 F '60.

Making ceramic bricks and ceramic-brick panels. P. M. Rudenko, S. A. Dikova. Stroi. mat. 6 no. 4:10-12 Ap '60.

Making vibrated brick panels in construction yards. M. Dil'din. Stroitel' no. 4:15-18 Ap '60.

Thermal properties of large blocks made of effective ceramic stones I. N. Zaika, A. Z. Draban. Stroi. mat. 6 no. 2 29-31 F '60.

Using hollow blocks in constructing ceilings. V. Moshchil'. Sil'. bud. 7 no. 5:6-7 My '57.

Using vibrated brick panels in construction. Izv. ASiA no. 4:108-120 '59.

Using vibrated brick panels in construction for the transportation industry. E. G. Mal'shev, N. E. Titorenko. Transp stroi. 10 no 3:34-37 Mr '60.

Working out designs and the technology of production of thin-walled panels without using heat-insulating materials. E. L. Rokhvarger, M. G. Lundina, B. M. Shur. Stroi. mat. 6 no. 4:7-10 Ap '60.

BUILDING BLOCKS—TRANSPORTATION

[illegible] for [illegible] of wall [illegible] blocks. [illegible] Avt transp [illegible]

BUILDING INSPECTION

[illegible] in the new buildings. [illegible]

BUILDING MACHINERY

(see also subdivision under White Russia)

[illegible] construction [illegible]

[illegible] construction [illegible] A i A [illegible] 2125 [illegible]

[illegible] construction [illegible] Mekh stroi [illegible]

Makar'ev, [illegible] [What's new in the mechanization of construction] [illegible] [MICROFILM]

Mechanization of building operations and use of machinery in 1959. Mekh stroi. [illegible] Ap '60.

New building machines. [illegible]

New building [illegible] [illegible]

Objectives of research [illegible] in the field of [illegible] mechanization of construction. V. A. [illegible] A i A [illegible]

[illegible]

Suggestions [illegible] builders. [illegible] Ap '60.

What's new in the mechanization of city building. [illegible] Mekh stroi, [illegible] Ap '60.

BUILDING MACHINERY INDUSTRY—ACCOUNTING [illegible] [illegible]

BUILDING MATERIALS

(see also subdivision under [illegible] District, Georgia [illegible])

Akademiia stroitel'stva i arkhitektury [illegible] [Industrial norms for the expenditure of building materials] [illegible] Moskva, [illegible] 1960. 125 p.

[illegible] Construction and Architecture [illegible] Building Materials [illegible]

[illegible]

BUILDING MATERIALS—BIBLIOGRAPHY see Bibliography—Building materials

BUILDING MATERIALS—PERIODICALS

[illegible]

BUILDING MATERIALS—TRANSPORTATION

[illegible]

BUILDING MATERIALS INDUSTRY

(see also subdivision under [illegible] Province, [illegible] Siberia, Eastern, [illegible] Province)

[illegible]

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible]

BUILDING MATERIALS INDUSTRY—LABOR PRODUCTIVITY

[illegible]

BUILDING RESEARCH

[illegible]

BUKOVINA—ECONOMIC CONDITIONS

[illegible] 1959. 111 p.

BUKOVINA—HISTORY

[illegible] [Struggle of the workers of [illegible] Bukovina, and [illegible] at the beginning of the [illegible] 1950] [illegible]

[illegible]

BUKOVINA—[illegible] [illegible] Zaporozh [illegible] Kazakhstan [illegible]

[illegible]

BULLDOZERS

Bulldozer mounted on the DT-55 tractor. Z. IE. Shul'man. Mekh. sil'. hosp. 11 no. 2:9 F '60.

The D-459 tractor bulldozer. A. Z. Berezovskii, V. G. Fokin. Biul. tekh.-ekon. inform. no. 3:39-40 '60.

BULUKTAY REGION—GEOLOGY

Composition and origin of the pipe body in the Buluktay molybdenum-tungsten deposit (western Transbaikalia). G. I. Tugovik. Izv vys. ucheb. zav, geol i razv 2 no. 11:63-74 N '59.

BUNGER HILLS REGION—ICE

Rings in eastern Antarctica. N. F. Grigor'ev. Inform. biul. Sov antark. eksp no. 14:5-8 '60

BURIAT-MONGOLIA see Buryat-Mongolia

BURLINGTON, N.J.—STEAM POWER PLANTS

Burlington, New Jersey's new 200,000 kw. electric power unit. V. L. Poshekhonov. Energokhoz. za rub. no 5:10-12 S-O '57.

BURMA—BOTANY, ECONOMIC

Some characteristic plants of Burma and their utilization [with summary in English] N B Natal'in Bot zhur 45 no 2 221-237 F '60

BURMA—FOREIGN RELATIONS—JAPAN

Concerning Fugiyama's pending visit to Burma. B. Mikhailov. Mezhdunar zhizn' 7 no 6 123-121 Je '60.

BURMA—POLITICS AND GOVERNMENT

Events. Mezhdunar. zhizn' 7 no. 6:157-150 Je '60.

BURNS, ROBERT, 1759-1796

Rait-Kovalev, R. IA. [Robert Burns] Robert Berns. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 364 p. (Zhizn' zamechatel'nykh liudei. Seriia. biografii, no. 10[276])

Symonenko, I. P. [Poetry of Robert Burns, 1773-1789] Poeziia Roberta Bernsa, 1773-1789 rr. Kyiv, Vyd-vo Akad. nauk RSR, 1959. 228 p.

BURNS AND SCALDS

First aid for burns. A. Voilkoretskii. Okhr. truda i sots. strakh 3 no. 2:66 F '60.

BURYAT A.S.S.R—SILLIMANITE

Method for quantitative determination of sillimanite, rutile, and pyrite in sillimanite ores. V. I. Kol'bakh. Izv. vys. ucheb. zav., geol. i razv 2 no 11:75-84 N '59

BURYAT DRAMA—HISTORY AND CRITICISM

Naidakov, V. TS. [Buryat drama; historical, literary, and critical account] Buriatskaia dramaturgiia; istoriko-literaturnyi i kriticheskii ocherk. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 199 p.

BURYAT LANGUAGE—SENTENCES

Role of verbal adverbs in the subordinate clause of a complex sentence in the Buryat language. D. A. Alekseev. Uch. zap. LGU no. 282:170-184 '59.

BURYAT LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Buryat-Mongolia. The periodical "Baigalai tolon." Inform biul. Sov. podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 16-19 Ag '58.

BURYAT-MONGOLIA—AGRICULTURE

On the history of agriculture in Buryat-Mongolia. V. I. Shunkov Zap. Bur-Mong. NIIK no. 25:28-39 '58.

Socialist competition of agricultural laborers in Buryat-Mongolia during the years of the third five-year plan. M. B. Ivanov. Zap. Bur.-Mong. NIIK no 25:83-104 '58

BURYAT-MONGOLIA—ANNEXATION TO RUSSIA

Annexation of Buryat-Mongolia to Russia. E. M. Zalkind. Zap Bur.-Mong. NIIK no 25:3-18 '58.

From the history of Russo-Buryat relations in the 17th century. A. P. Okladnikov. Zap. Bur.-Mong. NIIK no. 25:19-27 '58.

BURYAT-MONGOLIA—COLLECTIVE FARMS

Several problems from the history of the collectivization of agriculture in Buryat-Mongolia G. L. Sanzhiev. Zap Bur-Mong. NIIK no. 25:70-82 '58.

BURYAT-MONGOLIA—COMMUNIST PARTY OF THE SOVIET UNION

From the history of the bolshevik struggle for the establishment of the Soviet government in Buryat-Mongolia. B. B. Batuev Zap. Bur.-Mong. NIIK no. 25 40-56 '58.

BURYAT-MONGOLIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The first Buryat-Mongolian regional party conference. B. M. Mitupov. Zap. Bur.-Mong. NIIK no. 25:57-69 '58

BURYAT-MONGOLIA—DESIGN, DECORATIVE

Buryat national design. A. V. Tumakhani. Zap. Bur.-Mong. NIIK no. 25:129-151 '58.

BURYAT-MONGOLIA—HISTORIC HOUSES, ETC.

Kostarev, S. P. [Historical monuments of Buryat-Mongolia; concise reference book] Istoricheskie pamiatniki Buriatii; kratkii spravochnik. Pod obshchei red. G. N. Rumiantsev. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 97 p.

BURYAT-MONGOLIA—HISTORY

Materials on the history of Buryat-Mongolia at the end of the 18th and the first half of the 19th century. F A. Kudriavtsev. Zap. Bur-Mong. NIIK no. 25 192-203 '58.

BURYAT-MONGOLIA—INDUSTRIES

Development of industry in Buryat-Mongolia during the postwar period, from 1946 through 1955 F. I Shulunov. Zap. Bur-Mong. NIIK no. 25:105-128 '58

BURYAT-MONGOLIA—MONUMENTS

Kostarev, S. P. [Historical monuments of Buryat-Mongolia; concise reference book] Istoricheskie pamiatniki Buriatii; kratkii spravochnik. Pod obshchei red. G. N. Rumiantsev. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1959. 97 p.

BURYAT-MONGOLIA—REVOLUTION, 1917-1921

From the history of the bolshevik struggle for the establishment of the Soviet government in Buryat-Mongolia B. B Batuev. Zap. Bur-Mong NIIK no. 25:40-56 '58.

BURYAT-MONGOLIA—SOCIALIST COMPETITION

Socialist competition of agricultural laborers in Buryat-Mongolia during the years of the third five-year plan. M. B Ivanov Zap Bur-Mong. NIIK no. 25:83-104 '58

BURYAT-MONGOLIA—THEATER

The poetry of sincerity V. Gaevskii Teatr 21 no. 3 99-103 Mr '60.

BURYATS

Legends about the settlement of the Kudara and the Kabansk Buryats S. P Baldaev. Zap Bur.-Mong NIIK no. 25,152-177 '58

Material culture of the Buryats; ethnological study" by I. E. Tugutov. Reviewed by G Maslova. Sov etn. no 1: 159-161 Ja-F '60.

BUS CONDUCTORS (ELECTRICITY)

Arrangement of copper-aluminum crossovers in the bus bars of electrolytic cells. L. I. Andianov and others. Prom. energ. 15 no. 4:17 Ap '60.

Coppering and silvering of aluminum buses. O. N. Ivanchenko, A. A. Kurilova, G. D. Kolomiichenko. Vest. elektroprom. 31 no. 3:46-47 Mr '60.

Some information pertaining to selection and checking of bus bars according to the mechanical resonance in the leads. A. A. Fedorov, I. A. Gureev. Prom. energ. 15 no. 4:18-22 Ap '60.

Vertical bus bars for 0.5 kv. and 2,000 a. N. G. Nesterenko. Prom. energ. 15 no. 4,34-37 Ap '60

BUS STATIONS see Motorbus lines—Stations

BUSINESS CYCLES

(see also subdivision under United States)

Mendel'son, L. A. [Theory and history of economic crises and cycles] Teoriia i istoriia ekonomicheskikh krizisov i tsiklov. Izd. 2., perer. i dop. knigi "Ekonomicheskie krizisy i tsikly XIX veka." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 2 v.
(NN)

BUSINESS EDUCATION

Qualified accountants and economists are needed. P. Filatov. Prom. koop. 14 no. 4:11 Ap '60.

BUTADIENE

(see also subdivision under Huls, Germany, West)

Structural orientation of diene condensations of 1-alkylbutadienes with unsymmetrical dienophiles. I. N. Nazarov, IU. A. Titov, A. I. Kuznetsova. Izv. AN SSSR Otd. khim. nauk no. 5:879-886 My '60.

Sulfonated cationites based on polybutadiene. G. L. Starobinets, L. I. Sevost'ianova, G. N. Bulatskaia. Zhur prikl. khim. 33 no. 3 690-694 Mr '60.

Synthesis of 1,4-dinitro-1,3-butadiene. S. S. Novikov, I. S. Korsakova, K. K. Babievskii. Izv. AN SSSR Otd. khim. nauk no. 5:944-945 My '60.

Triple copolymers of butadiene, acrylonitrile, and 2-methyl-5-vinylpyridine. P. A. Vinogradov, N. G. Arsen'eva, K. E. Gavshinova. Kauch. i rez. 19 no. 3: 5-9 Mr '60.

BUTANE

Composition of the products and kinetics of butane cracking initiated by adding different amounts of ethylene oxide V. I. Petrosian and others. Dokl AN SSSR 132 no 5 1103-1106 Je '60.

Dehydroisomerization of the industrial fraction of n-butane on oxide catalysts. L. A. Buvalkina and others. Trudy Inst. khim. nauk AN Kazakh. SSR 5:64-71 '59.

BUTENE

New synthesis of crotylamine. A A. Stotskii, S. L. Gorbunova Zhur ob khim. 30 no 6:1985-1986 Je '60.

BUTENONE

Potentiometric study of benzalacetone hydrogenation on a Pd-Ni skeletal catalyst. A. I. Erzhanov, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR 5:56-63 '59.

Transfer of the influence of substituents by various conjugated systems Z N. Parnes, V. I Zdanovich, D N. Kursanov Dokl AN SSSR 132 no. 6 1322-1324 Je '60.

BUTENYNE

Increase in the concentration of hydrogen ions during the formation of complex compounds between acetylene and vinylacetylene. A. L. Klebanskii, I. M. Dolgopol'skii, Z. F. Dobler. Zhur. prikl. khim. 33 no. 3:716-723 Mr '60.

BUTTER

Machine for cutting butter IU Miakotin Obshchestv pit no 4 36-38 Ap '60

Olenev, IU. A. [Technology of the cold treatment and storage of butter manufactured by the continuous method; a scientific report] Tekhnologiia kholodil'noi obrabotki i khraneniia slivochnogo masla, vyrabotannogo potochnym sposobom; nauchnoe soobshchenie. Moskva, Gos. izd-vo torg. lit-ry, 1959. 28 p.

BUTTER—PHYSIOLOGICAL EFFECT

Motor function of the gall bladder in the healthy individual following ingestion of butter, X-ray observation. B. M. Astapov. Vrach. delo no. 3 245-247 Mr '60.

BUTTER, ARTIFICIAL see Oleomargarine

BUTTERFLIES see subdivision under Novosibirsk Province

BUTYL ALCOHOL

Production of butyraldehydes and butyl alcohols by the oxo synthesis. D. M. Rudkovskii, A. G. Trifel', K. A. Alekseeva. Khim. prom. no. 8:652-658 D '59.

BUTYRALDEHYDE

Laminated plastics based on glass fiber. Report 7: "Textolite" glass based on polyvinylbutyraldehyde. P. Z. Li and others. Plast. massy no. 3:48-49 '60.

Production of butyraldehydes and butyl alcohols by the oxo synthesis. D. M. Rudkovskii, A. G. Trifel', K. A. Alekseeva. Khim. prom. no. 8 652-658 D '59.

BUTYRIC ACID

Alkamine esters of α, ω-diphenylalkylcarboxylic acids. Part 3 Derivatives of β-phenyl-α-(n-methoxyphenyl) propionic, α, β-diphenylpropionic, and α, γ-diphenylbutyric acids O IU Magidson, V A Volskova, V M Fedosova Zhur ob khim. 30 no 6 1860-1866 Je '60

Effect of gamma-aminobutyric acid and beta-alanine on the motor and bioelectric activity of annelid ganglia S. M. Vereshchagin, I A. Sytinskii Dokl. AN SSSR 132 no 5 1213-1215 Je '60.

Recent data on the role of gamma-aminobutyric acid. G. Kh Buniatian. Dokl. AN SSSR 132 no 6:1431-1433 Je '60

BUZOVKA (CHERKASSY PROVINCE)—COMMUNITY CENTERS

A day devoted to a collective farm brigade. M. Antonovs'kyi Sots kul't 13 no 2,16-17 F '60.

BUZOVNY REGION—PETROLEUM—ANALYSIS

Hydroaromatic hydrocarbons of the 140-175°C fraction of the petroleum in the Kirmaki series of the Buzovny field. B. F. Pishnamazzade and others. Azerb. khim. zhur. no. 1:53-64 '59.

BYALOVEZHSKA PUSHCHA—DORMICE

Material on the banding of the Russian dormouse in the Byalovezhska Pushcha Preserve. B. Z. Golodushko. Migr. zhiv. no. 1:186-189 '59.

BYKOV, KONSTANTIN MIKHAILOVICH, 1886-1959

In memory of Academician K. M. Bykov; obituary. V. N. Chernigovskii. Vest. AMN SSSR 14 no. 10,82-89 '59

BYSTRIAKOV, ALEKSEI

The result of youth (a story about three Saratov actors). E. Kalmanovskii. Teatr 21 no. 3:112-116 Mr '60.

BYSTROV, ALEKSI PETROVICH, 1899-1959

Aleksei Petrovich Bystrov; obituary. IU. A. Orlov. Paleont. zhur. no. 4,157-158 '59.

BYTOVOI, SEMEN MIKHAILOVICH

"February sun" and "Daurskoye pearl" by Semen Bytovoi. Reviewed by I. Basalaev. Zvezda no. 2:217-218 F '60.

BYZANTINE EMPIRE

"A study of the history of Byzantium and the southern Slavs" by A. P. Kazhdan, G. G. Litavrin. Reviewed by M. Zaborov (in English). Vest. ist. mir. kul't. no. 1: 127-130 Ja-F '60.

CABLES

Determining maximum tensions in a mine hoisting cable under regular hoisting conditions. N. P. Neronov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3: 17-23 My-Je '60.

CABLES, SUBMARINE
(see also subdivision under Vancouver Island)

They said that in earnest, but it was 100 years ago. I. Symonovych, D. Shmal', V. Kartonov. Znam.ta pratsia no.3:16-17 Mr '60.

CABLEWAYS
Mazel', Z.E., A.P. Uskov, and A.G. IAkobson. [Cableways on construction sites of the Stalingrad Hydroelectric Power Station] Kanatnye dorogi na stroitel'stve Stalingradskoi GES. Moskva, Gidroproekt, 1959. 72 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

CADMIUM
Effect of cadmium and mercury admixtures on the rate of thermal decomposition of silver oxalate. V.V. Boldyrev, V.I. Eroshkin, IU.A. Zakharov. Izv.vys.ucheb.zav.; khim.i khim.tekh. 3 no.1:33-35 '60.

Mineralogy and geochemistry of cadmium in sedimentary rocks of Tuva [with summary in English]. E.Z. Bur'ianova. Geokhimiia no.2:177-182 '60.

CADMIUM—METALLURGY
Refining electrolytically pure cadmium by methods of zonal recrystallization and vacuum distillation. B.N. Aleksandrov, B.I. Verkin. Fiz.met.i metalloved. 9 no.3:362-365 Mr '60.

CADMIUM OXIDE—TOXICOLOGY
Inclusion of radioactive methionine S^{35} in the proteins of organs during the acute and chronic action of cadmium oxide [with summary in English]. R.S. Vorob'eva. Gig.i san. 25 no.2:27-36 F '60.

CADMIUM SELENIDE
Pressure of the saturated vapor of solid zinc and cadmium selenides. I.V. Korneeva, V.V. Sokolov, A.V. Novoselova. Zhur.neorg.khim. 5 no.2:241-245 F '60.

CADMIUM SULFIDE
Interaction of selenium with cadmium sulfide. O.V. Al'tshuler, G.N. Zviadadze. Trudy Inst.met. no.5: 81-84 '60.

CADMIUM SULFIDE—ELECTRIC PROPERTIES
Probe characteristics of X-ray induced conductivity of CdS single crystals. S.V. Starodubtsev, O.R. Niiazova. Izv. AN Uz.SSR.Ser.fiz.-mat.nauk no.1:40-46 '60.

CAFFEINE
Synthesis of caffeine 8-C^{14}. A.M. Poshmalova, N.A. Korolepova. Khim.i med. no.11:69-73 '59.

Treatment of reactive conditions with a combination of solutions of barbamyl and caffeine. E.D. Minkina. Probl.sud.psikh. 8:363-373 '59.

CALCIUM—ANALYSIS
Study of the phosphorus compounds and calcium in the saliva in paradentosis. T.S. Mikhailovskaia, N.A. Sychev, N.IA. Malikova. Probl.stom. 4:93-97 '58.

CALCIUM ALUMINATES
Investigating hydration processes in aluminous cements and its calcium aluminate components. I.V. Kravchenko. Silikaty no.2:3-23 '59.

CALCIUM DICHROMATE
Formation of compounds of higher order in the system $CaCr_2O_7 - K_2Cr_2O_7 - H_2O$. A.IA. Deich. Zhur.neorg.khim. 5 no.2:501-504 F '60.

CALCIUM FLUORIDE
Quaternary system consisting of lithium, sodium, potassium and calcium fluorides. G.A. Bukhalova, V.T. Berezhnaia. Zhur.neorg.khim. 5 no.2:456-460 F '60.

CALCIUM IN THE BODY
Effect of stimulation of chemoreceptors of the parathyroid gland on the calcium content of the blood [in Azerbaijani with summary in Russian]. A.I. Karaev, R.Z. Kafarova. Uch.zap.AGU Biol.ser. no.2:49-56 '59.

Potassium and calcium level in the blood serum of patients with bronchial asthma. O.Kh. Iazidi. Vrach.delo no.1:61-63 '60.

CALCIUM METABOLISM
Change in calcium metabolism during fluorine intoxication and the influence of some mineral salts and vitamin D [with summary in English]. IU.P. Nikitin. Gig.i san. 25 no.2:34-39 F '60.

CALCIUM OXIDE
Investigating sulfur absorbing properties of magnesium and calcium oxides. I.S. Kulikov, A.M. Samarin. Trudy Inst.met. no.5:16-21 '60.

CALCIUM SALTS
Stabilizing effect of calcium salts of synthetic fatty acids. A.S. Danilushevskii, F.A. Godzevich. Plast.massy no.1:46-48 '60.

CALCIUM SULFATE
Effect of ethanol on the joint solubility of beryllium and calcium sulfates. L.P. Reshetnikova and others. Vest.Mosk.un.Ser.2:Khim. 15 no.2:50-53 Mr-Ap '60.

Luminescence dosimeters for γ radiation, β particles, and neutrons, based on the phosphor $CaSO_4$·Mn. V.A. Arkhangel'skaia and others. Atom.energ. 8 no.6:559-561 Je '60.

Reaction of calcium sulfate with carbon and silica. A.M. Ginstling, A.D. Volkov. Zhur.prikl.khim. 33 no.3:736-739 Mr '60.

CALCULATING MACHINES
The "Kurta" miniature computer. D.N. Oplobin. Priborostroenie no.3:29-30 Mr '60.

CALCULI
Case of impassable obstruction caused by intestinal calculi. N.Kh. Akbarov. Med.zhur.Uzb. no.8/9: 122-123 Ag-S '59.

CALCULI, URINARY
Antitoxic and proteinogenic functions of the liver in renal lithiasis. N.M. Chikvaidze. Soob.AN Gruz.SSR 24 no.5:611-616 '60.

Bilateral renal calculi in children. L.Kh. Toptun. Med. zhur.Uzb. no.11:36-40 N '59.

Geographical peculiarities in the diffusion of urolithiasis. N.Z. Minchin. [illegible] 1 no.5:8-11 '59.

Rare complications of ureteral calculus. A.A. Shatrov. Azerb.med.zhur. no.3:64-68 Mr '60.

CALCULUS, DIFFERENTIAL
Fikhtengol'ts, G.M. [Textbook on differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniia. Moskva, Gos.izd-vo fiziko-matem.lit-ry.
Vol 3. 1960. 656 p.

CALCULUS, INTEGRAL
Fikhtengol'ts, G.M. [Textbook on differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniia. Moskva, Gos.izd-vo fiziko-matem.lit-ry.
Vol 3. 1960. 656 p.

CALCULUS OF TENSORS
Explicit expression of connectivity forms for a quasi metric space through the values of curvature and torsion tensors at a certain point. I.D. Sabitov. Dokl. AN SSSR 132 no.6:1273-1276 Je '60.

Tensor product of the representations of Lorentz's characteristic group supplementary series. M.A. Naimark. Dokl.AN SSSR 132 no.5:1047-1050 Je '60.

CALDWELL, ERSKINE, 1903-
Erskine Caldwell. Inostr.lit. no.2:225-226 F '60.

CALENDARS
International Geophysical Calendar for 1960. Mezhdunar. geofiz.god no.105 '60.

CALIBRATION
Calibrating gas analyzers for determining concentrations of sub-components. M.T. Borok. Priborostroenie no.4:24-26 Ap '60.

Increasing the precision of electric calibration of low-inductive superhigh frequency power meters. V.D. Kukush, V.G. Chalov. Izm.tekh. no.2:45-46 F '60.

CALISTHENICS
Calisthenics in enterprises of the textile industry. [illegible] Samoilov. Teor.i prak.fiz.kul't. 22 no.12:[illegible] '59.

Changes in breathing under the influence of industrial calisthenics. V.M. Malyshin. Teor.i prak.fiz.kul't 23 no.6:441-446 '60.

Encourage methods of competition in the industrial calisthenics. R.S. Chernyak. Teor.i prak.fiz.kul't 23 no.6: 439-441 '60.

Exercises in precision and coordination of movements in the industrial calisthenics. D.P. Klimenko. Teor.i prak.fiz.kul't 23 no.6:447-448 '60.

Industrial calisthenics. A.A. Pestenkin. Teor.i prak. fiz.kul't. 23 no.2:128-129 '60.

Investigating the effects of calisthenic breaks in industry. S.L. Leigin and others. Teor.i prak.fiz.kul't 23 no.6:441-444 '60.

Problems of methodology in industrial calisthenics. V.V. Belinovich. Teor.i prak.fiz.kul't. 23 no.2:126-128 '60.

Set of exercises. I. Pishchugin. Grazhd.av. 17 no.2:34 F '60.

Set of exercises. I. Pishchugin. Grazhd.av. 17 no.3:34 Mr '60.

CALTROP see subdivision under Bet-Pak-Dala

CALVES
Age and seasonal variations in the total protein level and the ratio of basic protein fractions in the blood serum of Red Steppe calves and hybrids of Red Steppe and milking Shorthorns. V.K. Ivanov. Trudy Inst.morf.zhiv. no.31: 88-93 '60.

Changes in the morphological composition of the blood in Tagil calves during postnatal development. P.P. Soldatenkov, L.P. Lukhtina. Trudy Inst.morf.zhiv. no.31: 71-83 '60.

Characteristics of typological features of growing animals based on a study of behavior reactions of calves. V.I. Karasev. Trudy Inst.morf.zhiv. no.31:93-99 '60.

Studying internal pancreatic secretion in calves as related to age and feeding. M.M. Persykh. Izv TSKhA no.6: 161-172 '59.

CAMBODIA—POLITICS AND GOVERNMENT
Events. Mezhdunar.zhizn' 7 no.6:157-158 Je '60.

CAMBODIA—RURAL CONDITIONS
[illegible] A. Kozlov. Sovr.Vost. no.6:44-45 Je '60.

CAMERAS
Use of plates with aspherical surfaces between the exit pupil and the image. M.M. Rusinov. Geod.i kart. no.1: 32-36 Ja '60.

CAMEROONS—POLITICS AND GOVERNMENT
Cameroons are independent. Ogonek 38 no.17:22 Ap '60.

"We want the reunification and independence of our country." Francois Fosso. Mol.mira no.7:21 '59.

CAMPING
[illegible] Zh. Petro [illegible] 16 no.6:5 Je '60.

CAMPS
All around the [illegible] L. Atrashkevich. Klub 6 no.5:12-13 My '60.

Make way to the pioneer camps. [illegible] Fedorenko. Klub 6 no.5: 2 My '60.

New type of Pioneer camps. [illegible] Ishchenko. Nar.obr. no.6:44-46 Je '60.

CAM STANDARDS
Standardization of cam mechanisms in the machine-tool industry. M.R. Komchik, F.I. Golovenko. Standartizatsiia 24 no.3:11-17 Mr '60.

CANADA—COMMERCE—RUSSIA
Protocol on the prolongation of the Soviet-Canadian trade agreement of February 29, 1956. Vnesh.torg. 30 no.6:42 '60.

CANADA—COMMUNIST PARTY
Fighting for the happiness of his country ("Our fight for Canada; selected writings, 1923-1959" [in English] by Tim Buck. Reviewed by Mark Frank). Mezhdunar. zhizn' 7 no.6:145-146 Je '60.

CANADA—DESCRIPTION AND TRAVEL
Shlygin, V.D. [Pine trees to the right, a Canadian to the left] Sosny sprava, kanadets sleva. Moskva, Izd-vo Izvestiia, 1960. 314 p.

CANADA—FOREIGN RELATIONS—UNITED STATES
Fighting for the happiness of his country ("Our fight for Canada; selected writings 1923-1959" [in English] by Tim Buck. Reviewed by Mark Frank). Mezhdunar. zhizn' 7 no.6:145-146 Je '60.

CANADA—GEOGRAPHICAL RESEARCH
A Canadian scientist's opinion on geography in Canada. [illegible] Izv.AN SSSR. Ser.geog. no.3:153-157 My-Je '60.

CANADA—LIGHTING
Electric lighting for Canadian industrial and public buildings and dwellings. [illegible] A. Ilinov. Svetotekhnika 6 no.4:16 Ap '60.

CANADA—METALLURGICAL PLANTS
Plant for the direct [illegible] in Canada. G.A. [illegible] Metallurg 5 no.3:36 Mr '60.

CANADA—RELATIONS (GENERAL) WITH RUSSIA
[illegible] Kul't.i zhizn' 4 no.1:23 '60.

CANADA THISTLE see Thistle, Canada

CANCER
(see also subdivision under Ukraine)

Antibiotics against cancer. V. Derkach. Nauka i zhyttia 10 no.2:39-40 F '60.

Aronshtevskii, I.F. [Nature of cancer and ways of preventing it] Pryroda raku i shliakhy ioho poperedzhennia. Kiev, Gos.med.izd-vo USSR, 1959. 47 p.
([illegible])

Cancer as an international problem. N.N. Blokhin. Zdorov'e 6 no.3:3 Mr '60.

Change in the intensity of tumor growth in experimental hypothyreosis and hyperthyreosis [with summary in English]. M.I. Tarasovskaia. Vrach.delo no.1:11-13 '60.

Differential diagnosis of Botkin's disease and malignant neoplasms causing obstructive jaundice. I.I. Kaiser, A.R. Arsena. Vrach.delo no.1:51-55 '60.

Energy metabolism of cancer cells [with summary in English]. N.V. Kiparis. Biokhimiia 25 no.1:135-142 Ja-F '60.

[illegible]

[illegible] of the B group (B_1, B_2, PP, B_6, B_{12}) [illegible] experimental animals [illegible]

[illegible]

CANDY INDUSTRY [illegible]

[illegible]

[illegible] washing machines in the production of food concentrates. G.A.Ivanova, A.M.Prokof'eva, V.P.[illegible] [illegible]

CANNED INDUSTRY—LABOR PRODUCTIVITY see [illegible]

CANNING INDUSTRY—LIGHTING

[illegible]

CAPACITORS see Electric capacitors

CAPACITY AND DURABILITY

[illegible]

CAPILLARIES

[illegible]

CAPILLARITY [illegible]

[illegible]

CAPITALISM

[illegible]

CAR WHEELS

[illegible]

CARAMEL

[illegible]

CARBAMIC ACID

[illegible]

CARBOHYDRATE METABOLISM

[illegible]

CARBOHYDRATES

[illegible]

CARBON

[illegible]

CARBON BLACK

[illegible]

CARBON DIOXIDE

Fixation of $C^{14}O_2$ by penicillin-resistant staphylococci. G. K. Soev and others. Dokl. AN SSSR 132 no. 5 1195-1196 Je '60.

Kinetics of the reaction of carbon with carbon dioxide and water vapor. P. N. Gabushko, B. V. Kantorovich. Trudy IGI 11:39-45 '59.

Storing chilled meat in a carbon dioxide medium. M. A. Gabrial'ianto. Sbor. nauch. rab. INKH no. 16:161-167 '59.

Thermodynamic investigation of the conversion of methane by water vapor and carbon dioxide under high pressure. V. S. Al'tshuler, G. A. Shafir. Trudy IGI 11:60-71 '59.

CARBON DISULFIDE

Adsorption of carbon disulfide from flue gases in the production of carbon disulfide. Report No. 3. R. M. Levit, IA. Z. Sorokin. Khim. volok. no. 1:34-38 '60.

Economic efficiency in the production of carbon disulfide by the electrothermal method. A. V. Novikova. Khim. volok. no. 1:41-45 '60.

Synthesis of S^{35} carbon disulfide. IU. V. Markova, L. I. Zhukova, M. N. Shchukina. Khim. i med. no. 11:26-30 '60.

CARBON MONOXIDE

Catalytic hydrocondensation of carbon monoxide with olefins. Report No. 20. Activity of the cobalt - clay contact in the hydrocondensation of carbon monoxide with ethylene and polymerization of the latter under the influence of carbon monoxide. IA. T. Eidus and others. Izv. AN SSSR Otd. khim. nauk no. 5:911-919 My '60.

Organic synthesis from carbon monoxide and water vapor. I. F. Bogdanov and others. Trudy IGI 11:81-90 '59.

CARBON OXIDE

Carbon suboxide and some of its properties. Part 6. Pyrolytic preparation of carbon suboxide. I. B. Dashkevich, V. A. Buevich, B. E. Kuvaev. Zhur. ob. khim. 30 no. 6:1046-1050 Je '60.

Synthesis of malonic acid and its esters from carbon suboxide. I. B. Dashkevich. Dokl. AN SSSR 132 no. 6:1319-1321 Je '60.

CARBON TETRACHLORIDE

Effect of solids on the process of decomposition of CCl_4 in aqueous solutions under the influence of gamma radiation. A. S. Beberkin, N. P. Krushinskaia, M. A. Proskurnin. Dokl. AN SSSR 132 no. 6:1320-1321 Je '60.

Reaction of carbon tetrachloride with sodium nitrite. A. A. Ponomarenko, B. I. Zhdanov. Zhur. neorg. khim. 5 no. 2:306-313 F '60.

CARBONATES

Polycarbonates. Part 2. Electron microscopic investigation of the structure of polycarbonates [with summary in English]. K. I. Makaruk, P. V. Kozlov, V. A. Kargin. Vysokom. soed. 2 no. 6:931-940 Je '60.

CARBONIUM COMPOUNDS

Structure of carbonium ions. D. Bethell, V. Gold. Usp. khim. 29 no. 1:100-134 Ja '60.

CARBONYL COMPOUNDS

Spectrophotometric characteristics of a crystalline carbonyl compound isolated from the pigment complex of the fungus Inonotus obliquus. A. N. Shivrina, E. V. Lovlagina, E. G. Platonova. Dokl. AN SSSR 132 no. 6:1444-1447 Je '60.

CARBONYL GROUP

Photoionization of vapors of compounds whose molecules contain a carbonyl group. F. I. Vilesov. Dokl. AN SSSR 132 no. 6:1332-1334 Je '60.

CARD CATALOGS (FOR LIBRARIES) see Catalogs, Card

CARD SYSTEM IN BUSINESS

Practice in the use of horizontal cards. S. IAkubson. Biul. nauch. inform.: trud i zar. plata 3 no. 2:25-31 '60.

CARDIAC DISEASES see Heart—Diseases

CARDIAC GLYCOSIDES

Comparative roentgenkymographic observations on the influence of erysimide, erysimine, and strophanthin on the cardiovascular system of patients with circulatory insufficiency. L. P. Verbitskaia, L. A. Slodzinskaia, G. I. Gornovskaia. Vrach. delo no. 3:239-241 Mr '60.

CARDING MACHINES

Convex feed plate of a carding machine. I. I. Karpov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1:70-77 '60.

CARDIOVASCULAR SYSTEM

"Arterial oscillography in medical practice in sports" by V. A. Makarov. Reviewed by A. A. Vilkovyskii. Teor. i prak. fiz. kul'. 23 no. 2:156 '60.

Reaction of the cardiovascular system in brucellosis patients treated with ultrahigh-frequency electricity. Z. S. Zakhar'ian. Med. zhur. Uzb. no. 7:24-28 Jl '58.

Reactivity of the circulatory system in petroleum refinery workers. M. N. Berezhnitskii. Vrach. delo no. 2:157-159 F '60.

CARDIOVASCULAR SYSTEM - DISEASES
(see also subdivision under Ukraine)

Clinical aspects of cardiovascular disorders in cholera-leangiocholitis and its combination with hepatitis. [illegible] A. Dravert. Vrach. delo no. 3:255-259 Mr '60.

Comparative evaluation of direct ballistocardiographs in patients with atherosclerotic disorders of the cardiovascular system. N. K. Lukaio. Vrach. delo no. 4:385-389 Ap '60.

Diagnosis of acutely developing and perforating gastric and duodenal ulcer in patients with long continued cardiovascular insufficiency. IA. D. Bondarenko. Vrach. delo no. 4:425-427 Ap '60.

Effectiveness of treating patients with cardiosclerosis in the "Konchа Zaspa" clinical sanatorium. D. I. V[illegible], N. D. Pensako. Vrach. delo no. 1:13-17 '60.

Treatment of cardiovascular diseases and circulatory insufficiency with radioactive iodine. IU. A. Lestov, L. D. Dubovyi, L. A. Gourina. Vrach. delo no. 2:201 F '60.

"Treatment of cardiovascular diseases at Crimean health resorts" by S. R. Talevosov. Reviewed by S. [illegible]. Vrach. delo no. 2:205-207 F '60.

CARDIOVASCULAR SYSTEM - SURGERY

Some results of surgery on the heart and large vessels [with summary in English]. L. G. [illegible]. [illegible] no. 1:60-64 Ja [illegible].

CARICATURE

"Crocodile" in the shop. N. Lolychev. Agitator [illegible] 47 Ap '60.

CAROPODIUM

Some problems in the biology of germination in Caropodium platicarpum (Boiss. et Hausskn.) [illegible] and Echinophora tenuiphylla Smith. V. A. [illegible]. [illegible] no. 2:240-251 [illegible] '60.

CARP
(see also subdivision under Dniester River)

Developmental stages of domestic Red carp. B. IA. [illegible], Trudy Inst. morf. [illegible] no. 28:[illegible] '59.

Method of determining daily food rations of the [illegible] some experimental fishes under field conditions. [illegible] Ianova. Vest. Mosk. un. Ser. 6: Biol., pochv. [illegible] 27-30 '60.

CARPATHIAN MOUNTAIN REGION — ARCHAEOLOGY

Akademiia nauk URSR, Kiev. Instytut suspil'nykh nauk. [Materials and studies on the archaeology of the Carpathian Mountain Region and Volhynia] Materialy i doslidzhennia z arkheolohii Prykarpattia i Volyni. Kyiv.

No. 2. 1959. 155 p.

CARPATHIAN MOUNTAIN REGION — EAGLES

More about eagles. I. Hoshiuk. Ukr. [illegible] 6:15 F '60.

CARPATHIAN MOUNTAINS — BOTANY

Characteristics of the flora of the eastern Ukrainian Carpathians [with summary in English]. N. [illegible]. Ukr. bot. zhur. 17 no. 1:[illegible] '60.

CARPATHIAN MOUNTAINS — DESCRIPTION AND TRAVEL

Smyslov, D. V. [We are traveling across the Carpathian Mountains] My idem po Karpatam. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 91 p.

CARPATHIAN MOUNTAINS — GEOLOGY, STRATIGRAPHIC

Age of the "boulder" horizon of the eastern Carpathians [with summary in English]. O. V. Maksymov. Dop. AN URSR no. 1:68-71 '60.

CARPATHIAN MOUNTAINS — RIVERS — REGULATION

Calculating normal cross sections of stepped beds of mountain streams. A. I. Bartkevich. Dokl. LPI 9 no. 1/2:41-44 '59.

CARPATHO-UKRAINE see Transcarpathia

CARPENTRY — STUDY AND TEACHING

Nikitchev, V. S. [Industrial training for carpenters; methods manual] Proizvodstvennoe obuchenie plotnikov; metodicheskoe posobie. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 170 p.

CARROTS

Increasing the yield of radishes and carrots by irradiating seeds with gamma and X rays before sowing. L. P. Breslavets and others. Biofizika 5 no. 1:81 '60.

CARROTS — THERAPEUTIC USE

Cultivated carrot ((Daucus sativus (Hoffm.) [illegible])) is a new medicinal raw material. N. I. Serpilo, A. P. Prokopenko. Apt. delo 9 no. 1:[illegible]-91 Ja-F '60.

CARTHAGE - HISTORY

On the history of the founding of Carthage. I. Sh. Shifman. Nauch. dokl. vys. shkoly; ist. nauki no. 1:155-160 '60.

CARTILAGE

Role of the articular cartilage and the epiphyseal lamina in longitudinal bone growth. A. I. Ilenin. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:70-80 '59.

CARTOGRAPHY

Change-over in an organized manner to a reduced work-day and new conditions of wages at all the enterprises of the [illegible]. [illegible] no. [illegible] F '60.

How [illegible] V. Saulich, [illegible].

[illegible] and [illegible] cartography. V. G. Chuikin. Izv. Vses. [illegible] no. [illegible] 209-215 Mr-Ap '60.

[illegible] projections [illegible] projections" by G. A. [illegible]. Reviewed by A. A. Pavlov. [illegible]

On V. [illegible] History of the development of map-making in Russia and the U. S. S. R. A. V. [illegible] no. [illegible] Mr '60.

Results of the all-[illegible] competition of enterprises of the Main Administration of Geodesy and Cartography [illegible] Geod. i kart. [illegible]

[illegible] the seven-year plan for the development of the national economy of the U. S. S. R. [illegible]

CARTOGRAPHY — BIBLIOGRAPHY see Bibliography — Cartography

CARTOGRAPHY — CONGRESSES [illegible]

[illegible]

CARTOONS [illegible]

[illegible] the map. A. [illegible]

[illegible]

[illegible]

CASPIAN DEPRESSION — GAS, NATURAL — GEOLOGY

[illegible] of the [illegible]. Vest. [illegible]

CASPIAN DEPRESSION — PETROLEUM GEOLOGY

[illegible] petroleum [illegible]

CASPIAN DEPRESSION — IRRIGATION

[illegible] of the [illegible] of the [illegible]

CASPIAN DEPRESSION — PETROLEUM GEOLOGY

[illegible] of the [illegible]. Vest. [illegible]

CASPIAN SEA

[illegible] stimulating [illegible] V. Zhiko [illegible]

[illegible]

CASPIAN SEA — FISHES

[illegible] 105-122

[illegible]

CASPIAN SEA — FISHING, [illegible]

[illegible] M. Mashinskii [illegible]

CASPIAN SEA — FISHERIES RESEARCH

[illegible] in connection [illegible]

CASPIAN SEA — FISHES — FOOD

[illegible] stages [illegible] of the Volga River [illegible]

CASPIAN SEA — [illegible]

Water [illegible] material for [illegible]. Trudy [illegible]

CASPIAN SEA — HYDROGRAPHIC SURVEYING

Use of [illegible]. V. V. [illegible]

CASPIAN SEA — HYDROGRAPHY

Effect of [illegible] level [illegible] on the [illegible]. Trudy [illegible]

Effect of the lowering level of [illegible] on the [illegible] Maned [illegible]

Catalytic polymerization of olefins. Report No. 8: Polymerization of ethylene over a nickel - aluminosilicate catalyst. [illegible] and others. Izv. AN SSSR Otd. khim. nauk no.5:[illegible] My '60.

Catalytic properties of pyrophoric manganese. A. D. [illegible] V. N. [illegible] Dokl. AN SSSR 132 no.6 [illegible] Je '60.

Comparative hydrogenation of sodium propiolate on Pt, Pd, and Ni catalysts. D. V. Sokol'skii [illegible] Dokl. AN SSSR 132 no.5:[illegible] Je '60.

Comparing the activities of some industrial catalysts in the hydrofining of shale tar and in the reduction of [illegible] Chung Ping-nan, Wei Shih-p'ing, Chou [illegible] Trudy Vost.-Sib. fil. AN SSSR no.26:[illegible]

Dehydrogenation of the industrial fraction of n-butane [illegible] catalysts. [illegible] A. [illegible] and others. Izv. AN Kazakh. SSR [illegible] '59.

Destructive hydrogenation of total liquid-phase petroleum [illegible] catalysts. D. B. Cherkin, [illegible] A. Bogdanova. Trudy Vost.-Sib. fil. AN SSSR [illegible] '59.

Difference in the mechanisms of dehydrogenation on [illegible] M. A. Landau, V. V. Shcheglin [illegible] Otd. khim. nauk no.5:[illegible] My '60.

Effect of additives in the reaction mixture and in the [illegible] catalyst on the activity and selectivity of the latter. [illegible] Trudy Vost.-Sib. fil. AN SSSR no.26:[illegible] '59.

Effect of the [illegible] of the catalyst on the rate of catalytic hydrogenation. A. B. [illegible] D. V. Sokol'skii. Trudy [illegible] AN Kazakh. SSR [illegible] '59.

[illegible] on Ni-Zn catalysts. N. M. [illegible] D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR [illegible]

Physicochemical and catalytic properties of molybdenum-aluminosilicate catalysts. Report No. 1: Relationship between [illegible] and the hydrogenating activity [illegible] aluminosilicate catalysts. I. V. Kale[illegible] Trudy Vost.-Sib. fil. AN SSSR no.26, [illegible]

Physicochemical and catalytic properties of molybdenum-aluminosilicate catalysts. Report No. 2: Physicochemical [illegible] catalysts as determined by the relative [illegible] of alumina gel and silica gel in the carrier [illegible] and others. Trudy Vost.-Sib. fil. AN SSSR [illegible]

Physicochemical and catalytic properties of molybdenum-aluminosilicate catalysts. Report No. 3: Effect of the relative [illegible] alumina gel and silica gel on the hydrogenating [illegible] aluminosilicate catalysts. I. V. Kalechits and others. Trudy Vost.-Sib. fil. AN SSSR [illegible] '59.

Physicochemical and catalytic properties of molybdenum-aluminosilicate catalysts. Report No. 4: Effect of the carrier [illegible] on the hydrogenating activity of molybdenum [illegible] I. V. Kalechits and others. [illegible] fil. AN SSSR no.26:[illegible] '59.

[illegible] from aluminum molybdate. [illegible] Kalechits, N. N. Kuzkova [illegible] no.3:[illegible]

CATALYSTS, NICKEL

[illegible] of aromatic nitro compounds. Report [illegible] M. Vlasova, D. V. Sokol'skii. [illegible] AN Kazakh. SSR [illegible] '59.

[illegible] of the "activating" of [illegible] skeletal catalysts [illegible] D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR [illegible]

CATASTROPHES (GEOLOGY)

[illegible] in modern paleontology. D. L. Stepanov [illegible] '59.

CATERPILLARS (VEHICLES)

Determining the acceleration characteristic of a caterpillar [illegible] with hydromechanical transmission. A. [illegible] Trudy LPI no.[illegible] '59.

CATHODE RAY OSCILLOGRAPH

[illegible] of the cathode ray tube of a oscillograph with [illegible] V. M. Vyrodov, T. V. Pogorelova. [illegible] Je [illegible] '60.

[illegible] oscillograph with a large screen. K. Da[illegible] My '60.

CATHODES

Application of radioactive isotopes in the study of oxide cathode processes and other problems of cathode electronics. G. N. Shuppe, V. P. Vasil'ev. Radiotekh. i elektron. 5 no.7:[illegible] Jl '60.

[illegible] movement of the cathode spot [illegible] L. L. Kosarev. Radiotekh. i elektron. 5 no.[illegible] Je '60.

Studying vaporization processes of an oxide cathode by autoradiography. V. P. Vasil'ev, V. D. Moroz. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.1:[illegible] '60.

CATHOLIC CHURCH

(see also subdivision under Europe, Western)

Ideology of present-day Catholicism. M. Mchedlov. Nauka i rel. no.2:[illegible] O '59.

Militarist theologians. Nov. vrem. 18 no.24:22 Je '60.

CATHOLIC CHURCH—RELATIONS (DIPLOMATIC)
"Holy office" as a stronghold of conservatism and secret police of the Vatican Albert Paul Lentin V zashch mira no 4 76-84 Ap '60

CATS—DISEASES
Some data on leptospirosis in cats. B V. Vysotskii, F.S. Malykh, A A. Prokof'ev Zhur mikrobiol epid. i immun 31 no 2 140-141 F '60

CATTLE
Growth and development of young cattle under Alpine conditions. A. S. Vsiakikh, A P. Borozdina Trudy Inst morf. zhiv. no 31 100-109 '60.
Some morphological characteristics of early maturity in meat type farm animals. Pt 1 [with summary in English] S N. Bogoliubskii. Biul MOIP. Otd biol 64 no 5 99-115 S-O '59

CATTLE—ANATOMY
Age changes in the morphological composition of the blood of cattle. A. I. Markushin. Trudy Inst. morf. zhiv. no. 31. 85-87 '60.

CATTLE—PHYSIOLOGY
Effect of feeding and the physiological condition on carbohydrate and fat metabolism in cattle [with summary in English]. V. A Svyrydenko Ukr biokhim. zhur. 32 no. 3 427-442 '60.

CATTLE—WATERING see subdivision under Ukraine

CATTLE BREEDING
Correct breeding procedures are a most important factor in eliminating sterility in cows. V. S. Shipilov. Izv. TSKhA no. 6:173-184 '59.

CATTLE BREEDS
Comparative description of the growth, development and certain morphophysiological features of young Holstein and Hereford-Holstein cattle. L. K. Ernst. Trudy Inst. morf. zhiv. no. 31:110-116 '60.

CAUCASIAN LANGUAGES—NUMBER
Structure of names of numbers in the Lezghian and Kryz languages G. V. Topuria. Soob. AN Gruz. SSR 23 no. 5:635-640 N '59.

CAUCASUS—FELDSPAR—OPTICAL PROPERTIES
Statistical regularities of the variation of optical properties in alkaline feldspars of granites. A. A. Kadik. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 4:95-107 '59.

CAUCASUS—GEOLOGY, STRUCTURAL
Structural plan of the Greater Caucasus. E. A. Dolginov. Vest Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3: 109-116 '59.

CAUCASUS—MONKEYS
When did monkeys live in the Caucasus? N. K. Vereshchagin, V. P. Liubin. Priroda no. 6:101-103 Je '60.

CAUCASUS—MOUNTAINEERING
Along the tourist paths. Aleksandr Kruglov Smena 37 no. 12 6 Je '60

CAUCASUS—PUBLIC HEALTH
Problems of public health organization at the first congresses of representatives of Caucasian cities, on the history of sanitary affairs I. I. Shengeliia Gig. i san. 25 no. 2:39-43 F '60

CAUCASUS—RESTAURANTS, LUNCHROOMS, ETC.
Preparing for the resort season A. Burov Obshchestv. pit no. 4 42 Ap '60.

CAUCASUS—SHRUBS
Akademiia nauk Gruzinskoi SSR, Tiflis. Institut lesa. [Dendroflora of the Caucasus, wild and cultivated trees and shrubs] Dendroflora Kavkaza; dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi
Vol. 1. [Gymnospermae Chlamydospermae. Angiospermae - Monocotyledonae] Gymnospermae-golosemennye Chlamydospermae pokrovosemennye. Angiospermae - (Monocotyledoneae) - pokrytosemennye (odnodol'nye) 1959. 406 p.

CAUCASUS—STONE FLIES
A contribution to the study of stoneflies (Plecoptera) of the Caucasus. Report No. 4: New species of Leuctridae [with summary in French]. L. A. Zhil'tsova. Ent. oboz. 39 no. 1:158-171 '60.

CAUCASUS—SUMMER RESORTS
Preparing for the resort season A Burov. Obshchestv pit no 4:42 Ap '60

CAUCASUS—TREES
Akademiia nauk Gruzinskoi SSR, Tiflis Institut lesa. [Dendroflora of the Caucasus, wild and cultivated trees and shrubs] Dendroflora Kavkaza, dikorastushchie i kul'turnye derev'ia i kustarniki. Tbilisi.
Vol. 1. [Gymnospermae. Chlamydospermae. Angiospermae - Monocotyledonae] Gymnospermae-golosemennye Chlamydospermae pokrovosemennye. Angiospermae - (Monocotyledoneae) - pokrytosemennye (odnodol'nye) 1959. 406 p.

Air currents over obstacles. S. U. Gunlia. Trudy Tbil. NIGMI no. 5 11-15 '59

CAUCASUS, NORTHERN—AGRICULTURE
Sviridenko, V. V. [Practices of participants in the All-Union Agricultural Exhibition: the Northern Caucasus] Opyt uchastnikov VSKhV: Severnyi Kavkaz. Moskva, "Sovetskaia Rossiia" 1958. 70 p.
(DA)

CAUCASUS, NORTHERN—CHINESE
New documents on the Commander of the Chinese Partisan Detachment E P. Krichina. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1 25-30 '58.

CAUCASUS, NORTHERN—FORAMINIFERA, FOSSIL
Buliminids and ellipsoidinids from Albian deposits of the Belaya-Kuba interfluve (Northern Ciscaucasia). G. V Bukalova. Trudy VNIGNI no. 16:225-233 '60.

CAUCASUS, NORTHERN—HISTORY
Akademiia nauk SSSR. Dagestanskii filial, Makhach-Kala. Institut istorii, iazyka i literatury [Movement of mountaineers of the Northeastern Caucasus from the 1820's to the 1850's, a collection of documents] Dvizhenie gortsev severo-vostochnogo Kavkaza v 20-25 gg XX veka, sbornik dokumentov Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 783 p.
Krikunov, V. P. [Revolutionary intellectuals from the bourgeois class in the Northern Caucasus] Revoliutsionnye raznochintsy na Severnom Kavkaze. Nal'chik, Kabardino-Belkarskoe knizhnoe izd-vo, 1958. 143 p.

CAUCASUS, NORTHERN—MOUNTAINEERING
The gates of mists. Marat Garkushenko. Vokrug sveta no. 3:39-43 Mr '60.

CAUCASUS, NORTHERN—RADIOLARIA, FOSSIL
Some lower and middle Eocene radiolarians from Western Ciscaucasia. V A. Krasheninnikov. Trudy VNIGNI no. 16,271-307 '60.

CAUCASUS, NORTHERN—REVOLUTION, 1917-1921
From the history of the legendary Taman Army. N. A. Efimov. Nauch. dokl. vys. shkoly; ist. nauki no. 1:33-46 '60.
History of the Terek Autonomous Soviet Republic, March, 1918- February, 1919. R. S. Mulukaev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1:5-14 '58.
New documents on the Commander of the Chinese Partisan Detachment. E. P. Krichina. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1,25-30 '58

CAUCASUS, NORTHERN—RIVERS
Method of forecasting the summer-fall discharge of Ciscaucasian rivers. A. N. Vazhnov. Trudy TSIP no 96:56-75 '60.

CAUCASUS, NORTHERN—WATER RESOURCES DEVELOPMENT
Measures for the development of water resources in the Northern Caucasus B. A. Shumakov Trudy Okean. kom 5:353-357 '59.

CAULIFLOWER
Changes in the chemical composition of cauliflower during development. A. A. Kolesnik, O. K. Ogneva. Sbor. nauch. rab. INKH no. 16:156-160 '59.
Effect of growth conditions on the biochemical properties of cauliflower. A. L Fel'dman. Izv. vys. ucheb zav., pishch. tekh. no. 1 28-32 '60

CAUSATION
Vinogradov, V. G [V. I Lenin on causation] V. I. Lenin o prichinnosti. Moskva, Izd-vo "Znanie," 1960. 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no 13)

CAVE DRAWINGS see subdivision under Belaya Valley (Bashkiria); Pyrenes; Ural Mountain region

CAVERNOUS SINUS—DISEASES
Odontogenic thrombosis of the cavernous sinus. A. M. Solntsev. Vrach. delo no. 2:183-185 F '60.

CAVES see subdivision under Pamirs

CAVIAR
No. 1 delicacy. N. Mar. Sov. Soiuz no. 2:18-19 '60.

CAVITATION
Cavitation flow of an ideal noncompressible liquid in a slit. G. N. Pykhteev. Prikl. mat. i mekh. 24 no. 1:157-161 Ja-F '60.

CECH, SVATOPLUK, 1846-1908—BIBLIOGRAPHY see Bibliography—Cech, Svatopluk, 1846-1908

CEDAR see subdivision under Altai Mountains; Kandalaksha Preserve; Nizhnyaya Salda

CEDAR—ANALYSIS
Chemical composition of the common pine and of the Siberian cedar. I. S. Khutorshchikov. Bum. prom. 35 no. 1 15 Ja '60.

Instruction for determining technological loads on ceilings of industrial buildings. L V Klepikov. Stroi. mekh. i rasch. soor. 2 no. 1:48-49 '60.
Lightweight panel ceilings for apartment houses. N. Spivak, D. Baulin. Zhil. stroi. no. 3,22-25 Mr '60.
Precast ceiling to be used in making major repairs in buildings. IA. I. Lapter. Gor. khoz. Mosk. 34 no. 2: 22-24 F '60.

CELESTIAL MECHANICS see Mechanics, Celestial

CELL METABOLISM
Power resources of a living cell. S. Konev. Znan. sila 35 no. 3:16-18 Mr '60.

CELL NUCLEI
Studying the functions of nuclei in the development of the sea urchin Strongilocentrotus drobachiensis by the method of radiation inactivation A. A. Neifakh Dokl AN SSSR 132 no. 6 1458-1461 Je '60.

CELLS
How the cell was taken apart. V. Tongur. Znan. sila 35 no. 3:14-16 Mr '60.
Structural lability and questions on the autoregulation of cellular processes [with summary in English]. L. G. Veize, G. M. Frank. Biofizika 5 no. 1,34-39 '60.

CELLULOSE
Different methods of determining the extent of polymerization of cellulose from the viscosity of its copper-ammonia solutions and nitrocellulose solutions. Khim. volok. no. 1:71 '60.
Evaluating the quality of viscose cellulose. A. G. IAshunskaia. Khim. volok. no. 1:23-26 '60.

CELLULOSE ESTERS
Plastics (etrols) based on cellulose esters. A. L. Pechenkin, A. I. Evdokimova, A. A. Sorochenko. Plast. massy no. 3,2-8 '60.

CEMENT
(see also subdivision under Great Britain)
Circulating air separators for cement grinding. S. IA. Bokshtein. TSement 26 no. 2:26-28 Mr-Ap '60.
Effect of autoclave-curing on the hardening of portland and sand cements. IU. M. Butt, E. O. Barbakadze. Silikaty no. 2:48-57 '59.
Effect of lithium sulfate additives on aluminous gypsum-cements and their use in industry A. M. Kuznetsov Silikaty no 2:58-60 '59
Effect of small additives of certain agents on physical and mechanical properties of magnesian cements I P. Vyrodov Stroi mat 6 no 6 37 Je '60
A follow-up on published materials. Ekon. stroi. no. 3: 72 Mr '60.
Hydration of clinker minerals and the hardening of cement A. S. Panteleev, V. V. Timashev. Silikaty no 2:24-47 '59.
Investigating hydration processes in aluminous cements and its calcium aluminate components I. V. Kravchenko. Silikaty no. 2:3-23 '59
Physicochemical nature of the processes of wet cement milling. K. A. Adamchik, Soob. Prim. otd. VKHO no. 3 105-127 '57.
Rapid-hardening binders for reinforcing high-voltage insulators and its properties. M. A. Matveev. Silikaty no. 2:70-82 '59.
Slag silicate cement Rats i izobr. predl v stroi no 14: 62-65 '60.
Some properties of fused cements. L. S. Kogan, L. IA. Gol'dshtein. TSement 26 no. 2:7-13 Mr-Ap '60.
Thermographical investigations of the effect of vibrating on cement mixes. O. P. Mchedlov-Petrosian and others. Silikaty no. 2:67-69 '59
Using separator mills in making cements of various specific surface areas. V. V. Tkachev and others. TSement 26 no. 2:13-20 Mr-Ap '60.
Using V. V. Serov's method in fusing cement. V. F. Krylov, V. K. Pomian. TSement 26 no. 2:1-7 Mr-Ap '60.

CEMENT—BIBLIOGRAPHY see Bibliography—Cement

CEMENT—TRANSPORTATION
Improving designs of pneumatic transportation systems at cement plants. Z. E. Orlovskii. Trudy RISI no. 15: 155-170 '58.
Improving the mechanization and automation of the transportation of cement at precast concrete products plants. I. K. Malomot. Bet. i zhel.-bet. no. 3 101-105 Mr '60.
Reconstructing the conveying system in the cement shop of the "Gigant" Plant. T. I. Rybakin. TSement 26 no. 2: 29-30 Mr-Ap '60.

CEMENT CLINKERS
Selecting cement compositions for concretes and mortars to be subjected to short-time steam curing. M. T. Vlasova, Z. L. Daniushevskaia, I. V. Kravchenko. TSement 26 no. 2:22-26 Mr-Ap '60.

CEMENT INDUSTRIES
(see also subdivision under Balakleia; Chuyskiy District)

Effectiveness of the use of natural gas in the cement industry. I. IA. Furman, L. I. Lapina. Gaz. prom. 5 no 6:35-39 Je '60.

System of regulating wages in the cement industry. M Zagorchik. Sots. trud 5 no. 1.135-140 Ja '60.

CEMENT INDUSTRIES—HYGIENIC ASPECTS

Exhaust systems or technology? A. Belevitskii. Okhr. truda i sots strakh. 3 no. 2:42-44 F '60.

CEMENT INDUSTRIES—PRODUCTION STANDARDS

On regulating wages in cement plants. A. Arkhipov, A. Bakelov. Biul. nauch. inform. trud i zar. plata no. 10 20-30 '59

CEMENT PLANTS—EQUIPMENT AND SUPPLIES

Assembling ten-bag filters in cement yards. Rats. i izobr. predl. v stroi. no. 13:43-47 '59.

From the pages of journals. TSement 26 no. 2:31 Mr-Ap '60.

KTs-5000 V. Stefanovich Nauka i zhizn' 27 no 3 66-67 Mr '60

CEMENTATION (METALLURGY)

Ionic cementation of steel. V. S. Vanin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:66-69 My-Je '60.

Wear resistance of cemented steel and its submicrostructure. I. M. Liubarskii, A. P. Liubchenko, G. N. Bakakin. Fiz. met. i metalloved. 8 no. 6:872-877 D '59.

CENTO see Central Treat Organization

CENTRAL AMERICA—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Central America and the West Indies] TSentral'naia Amerika i Vest-Indiia. Scale 1:5 000 000. Moskva, Gos izd-vo geogr. lit-ry, 1959. fold. col. map

——— Gokhman, V. [Central America and the West Indies] TSentral'naia Amerika i Vest-Indiia. 41 p.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—FLEA BEETLES

Flea beetle fauna (Coleoptera, Chrysomelidae, Halticinae) in the forest steppe of the Central Black Earth Region. V. F. Palii. Trudy Vses. ent. ob-va 47:94-121 '60.

CENTRAL BLACK EARTH REGION—WATER SUPPLY, RURAL

Water supply on livestock farms of the Central Black Earth Region V. M. Lobochikhin. Vod. i san. tekh. no 3 17-21 Mr '60.

CENTRAL TREATY ORGANIZATION

After the CENTO Conference in Teheran. L. Andrianov, L. Teplov. Mezhdunar. zhizn' 7 no. 6:116-117 Je '60.

Iranian stooges and the American aggressors. Kh. Grigor'ian. Mezhdunar. zhizn' 7 no. 7:122-124 Jl '60.

CENTRIFUGAL PUMPS

Rubber cups as a packing for centrifugal pumps. B. S. Modestov, A. V. Uspenskii. Khim. mash. no. 2:8-9 Mr-Ap '60.

CENTRIFUGES

Operation of the NGP-800x400 continuous centrifuges in the recovery of ammonium sulfate. A. T. Ivashchenko. Koks. i khim. no. 4:39-41 '60.

Use of turbo-transmissions on centrifuges. N. P. Krasil'nikov, A. V. Tekhmishchian, A. V. Shlau. Obog. i brik. ugl. no. 11:36-39 '59.

CEPHALOPODA, FOSSIL see subdivision under Baiynshay Valley; Podolia

CEPHEIDS

Comment on the color indexes of the classic Cepheids. G. S. Badalian. Dokl. AN Arm. SSR 30 no. 2:93-95 '60.

Maxima of short-period Cepheids. G A. Lange. Astron. tsir. no 207:17-19 D '59.

New observations and elements of TV Librae. G. A. Lange. Astron. tsir. no 205:25-26 O '59.

Photographic observations of CE Cassiopeiae. V. Zonn. Astron. tsir. no. 206:12-13 D '59.

Relationship between mean periods of long-period Cepheids of the spheroidal concentration and their distances from the center of the Galaxy. IU. N. Efremov. Astron. tsir. no. 207:10-11 D '59.

Relationship between the shape of the light curve and the period of long-period Cepheids of the spheroidal concentration of the Galaxy. M. S. Frolov. Astron. tsir. no 207:12 D '59.

Spectra of RR Lyrae-type stars. I. F. Alaniia Astron. tsir. no. 205:17 O '59.

XY Cassiopeiae - a cepheid with a varying period. G. S. TSarevskii. Astron. tsir. no. 205,20-21 O '59

CERAMIC INDUSTRIES
(see also subdivision under Gnezdovo)

Granitic rocks as raw materials for glass and ceramic industries. S. M. Kupfer, V. I Magidovich. Razved. i okh. nedr 25 no. 12:1-6 D '59.

CERAMIC MATERIALS

Automatic and semi-automatic devices for determining the content of moisture in ceramic materials. N N Sushchev Stroi mat 6 no 2 39-40 F '60

Thermal properties of large blocks made of effective ceramic stones. I. N Zaika, A Z Draban Stroi mat. 6 no 2:29-31 F '60.

CERAMIC METALS

Alloys for compounding with ceramics. M. I. IUdkevich. Sbor. trud. TSNIICHM no. 22:10-17 '59.

CERAMIC METALS—TESTING

Recovery under load in the process of diffusion creep in ceramic metals. B. IA. Pines, A. F. Sirenko. Izv. vys. ucheb. zav., chern. met. no. 5:121-129 '60.

CERAMICS
(see also subdivision under Ukraine)

Ceramics made with wollastonite for use with high-frequency currents. V. G. Avetikov, E. I. Zin'ko, N. A. Zasedateleva. Stek. i ker. 17 no. 3:25-29 Mr '60.

Coordinating conference on problems in making and using building and facing ceramics. Bud. mat. i konstr. 2 no 1 63-64 F '60.

Effect of the granulometric composition of refractory clay on the properties of ceramic products. N. S. Alekseev. Sbor nauch. rab. INKH no. 16:61-65 '59.

Methods for measuring the pressure of the air content in and the elastic expansion of ceramic raw materials. F. V. Kondrashev, R IA. Popil'skii. Stek. i ker. 17 no. 3:29-33 Mr '60.

Photoelectric control of coal feeding. A. N. Ogurtsov, N. V. Dontsov, K. P. Baidal. Stroi. mat. 6 no. 4:25-26 Ap '60.

"Porous permeable ceramics." R. L. Pevzner. Stek. i ker. 17 no. 2:47 F '60.

Review of A. Palatzky's book "Technical ceramics" [translated from the German]. Elektrichestvo no. 3: 94-95 Mr '60.

Saggerless baking of building-faience products in periodic kilns operating on petroleum residues Rats. i izobr predl. v stroi. no. 14 54-55 '60.

CERAMICS—DRYING

Drying ceramic products of composit geometrical shapes. M. Korger. Stek. i ker. 17 no. 2:42-43 F '60.

CEREAL PRODUCTS

Use of infrared irradiation for the heat treatment of groats during the preparation of groat concentrates and the commercial properties of the latter. I. I. Luchkin. Sbor. nauch. rab. INKH no. 16:121-128 '59.

CEREALS AS FOOD

Evaluation of a diet with a high cereal content. Yen Yen-fu. Usl. zhiz. i zdorov. 1 no. 5.21-26 '59.

CEREBRAL CORTEX

Development of cortical neurons of the human motor analyzer during the development of arbitrary movements. M. Kh. Samibaev. Med. zhur. Uzb. no. 10:40-44 O '58.

Excitability of the cerebral cortex in hypertension treated with sleep. S. N. Sharavskii. Mat. po obm. nauch. inform. no. 2:167-172 '58.

Influence of weakened cerebral cortex function on the condition of the periodontium. Report No. 1. N. A. Kodola, L. A. Sarzhevskaia. Probl. stom. 4:47-50 '58.

Share of the cortex, the subcortex, and the retina in the act of human conditioned response reproduction of light rhythm [with summary in English]. E. N. Semenovskaia, A. I. Bogoslovskii, G. IA. Khvoles. Vop. psikhol. 6 no. 1:99-113 Ja-F '60.

Structure of the precentral area of the cerebral cortex in rhesus and pig-tailed macaques in connection with special features of their ecology. T. I. Belova. Vop. antr. no. 2:55-67 '60.

Study of the bioelectric activity of the cerebral cortex in psychogenic hallucinations and in the hallucinations of schizophrenic patients. N. I. Smirnova. Probl. sud. psikh. 8:643-659 '59.

CEREBROSPINAL FLUID

Paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the spinal fluid. A. IU. Makarov. Kaz. med. zhur. 41 no. 1:59-64 Ja-F '60.

Variant of syphilitic psychoses with "paralytic" liquor and their diagnosis. N. L. Garkavi. Probl. sud. psikh. 8:573-588 '59.

CERIUM

Radiolytic reduction of tetravalent cerium at dose rates up to 10^{23} eV/ml. sec. A. K. Pikaev, P. IA. Glazunov. Izv. AN SSSR Otd. khim. nauk no. 5.940-942 My '60.

CERIUM COMPOUNDS

Composition and properties of carbonate compounds of trivalent cerium. Su Ch'ang, Shih I-i. Zhur. neorg. khim. 5 no. 2:372-380 F '60.

CESIUM

Model of a cesium frequency standard. M. E. Zhabotinskii and others. Radiotekh. i elektron. 5 no. 7:1173-1176 Jl '60.

CESIUM SULFATE

Physicochemical study of the system K_2SO_4 - Cs_2SO_4 - $Al_2(SO_4)_3$ - H_2O at 50°. L. A. Khripin, I. N. Lepeshkov. Zhur. neorg. khim. 5 no. 2:481-493 F '60.

CEYLON—DESCRIPTION AND TRAVEL

Seeing through the eyes of a geographer ("Island of perennial summer, journey through Ceylon" by IU. K Efremov Reviewed by O N Kazakova, N. S Chochia) Vest. LGU 15 no 12 152 '60

Under the tropical sun. I. Antonov. Ogonek 38 no. 5: 24 Ja '60.

CEYLON—RELATIONS (GENERAL) WITH RUSSIA

It was a unanimous decision. Kul't. i zhizn' 4 no. 2:16-17 '60.

CHADAK REGION (UZBEKISTAN)—GEOLOGY

Age relation between porphyrite dikes and ore veins in the Chadak deposit in the Uzbek S. S. R. IU. A. Averin. Uzb. geol. zhur. no. 1:27-37 '60.

CHAIKOVSKII, PETR IL'ICH, 1840-1893

Chaikovskii's arrangement of fifty Russian folk songs. O. A. Dem'ianova. Soob. Inst ist. isk. no. 15:88-117 '59.

A popular book about Chaikovskii ("Petr Il'ich Chaikovskii" by I. Kunin. Reviewed by L. Kulakovskii). Sov. muz. 24 no 3:194-196 Mr '60.

CHAIN SAWS

Use of the "Druzhba" gasline-motor saw. S. Z. Borovtsov, M. A. Konarovskii, A. P. Danilov. Geod. i kart. no. 3: 51-52 Mr '60.

CHAINS

Over-all automation of chain-assembling processes B. P. Boris. Vest mash. 40 no 4 54-58 Ap '60.

CHALCID FLIES

Taxonomic significance of the genus Euzkadia Mercet (Hymenoptera, Chalcidoidea) [with summary in English] E S. Sugoniaev Zool. zhur. 39 no. 3:463-465 '60.

CHAMBER MUSIC see subdivision under Moscow; Paris

CHAMPAGNE (WINE)

Biologically active substances in Soviet champagne and wine products [with summary in English]. L. I. Palladina and others. Ukr. biokhim. zhur. 32 no. 1: 111-119 '60.

CHANSON DE ROLAND

Song of Roland. A. Mikhailov. Chto chitat' 3 no. 2:26 F '60.

CHAPAEV, VASILII IVANOVICH, 1887-1919

Our life is happy now. K. Gapaeva. Rab. i sial. 36 no. 2:2 F '60.

CHAPLIN (GOMEL PROVINCE)—ANTIQUITIES

Culture of the ancient Slavic tribes in White Russia. L. Pobal'. Belarus' 17 no. 2,27 F '60.

CHARACTERS AND CHARACTERISTICS IN LITERATURE

Special forms of literary portrayal. A. Dremov. Kommunist 37 no. 11:60-79 Jl '60.

CHATKAL RANGE—HETEROPTERA

Distribution of true bugs as related to the nature of the vegetation cover in the northeastern region of the Chatkal Range. IU. A. Popov. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no. 2:31-39 '60.

CHATKAL RANGE—ORE DEPOSITS

Types of enclosing carbonate rocks in the Chatkal and Kurama Ranges and their role in ore deposition. M. A. Akhmedzhanov. Uzb. geol. zhur. no. 1:21-26 '60.

CHAZHMA VALLEY—OIL FIELDS

Petroleum in the Chazhma Valley. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2:32 '60.

CHEBOKSARY—REPAIR AND SUPPLY STATIONS—COSTS

Utilize more fully hidden potentialities for reducing repair work costs. Z. K. Konstantinov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:50-51 Je '60.

CHEBOKSARY—TESTING LABORATORIES

Expand the role of the laboratories at the Cheboksary electrical equipment factories. V. Karpeev. Zav. lab. 26 no. 4:509 '60.

CHEEK—SURGERY

Restoration of the cheek with a pediculate flap in continuously open, through defects. V. I. Znamenskii. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:279-283 '58.

CHEESE

Protective film for cheeses. A. I. Vorob'ev. Trudy LTIKHP 13:35-40 '57.

CHEESE (Continued)

Rosnovskii, L.S., and A.A.Kholopova. [Cold storage of cheeses, a scientific report] Kholodil'noe khranenie syrov; nauchnoe soobshchenie. Moskva, Gos.izd-vo torg.lit-ry, 1960. 16 p.

Studying conditions governing the solubility of fat-free cheese. N.I.Kozin, N.V.Starodubtsev. Sbor.nauch.rab.INKH no.16:202-211 '59.

CHEESE FACTORIES—EQUIPMENT AND SUPPLIES

Production line for manufacturing cylinder-shaped cheese. I.IA.Pavlov. Biul.tekh.-ekon.inform. no.3:44-45 '60.

CHEKHOV, ANTON PAVLOVICH, 1860-1904

A.P.Chekhov, the great writer and humanist. T.[illegible]kova. Zhen.mira no.1:24-26 '60.

A.P.Chekhov and science. V.Romanenko. Nauka i zhyttia 10 no.1:52-55 Ja '60.

A.P.Chekhov's mastery of the language in the story "The malefactor." D.I.Gorchik. Rus.iaz.v shkole 21 no.1:34-41 Ja-F '60.

A.P.Chekhov's work on his prose. K.S.Gorbachevich. Rus.iaz.v shkole 21 no.1:31-40 Ja-F '60.

A.P.Chekhov's work on the story "Lean and fat." N.N.Kokhtev. Rus.iaz.v shkole 21 no.1:16-17 Ja-F '60.

About the style of A.P.Chekhov's story "Surgery." S.A.Koporskii. Rus.iaz.v shkole 21 no.1:30-31 Ja-F '60.

Anton Pavlovich Chekhov. Pa Chin. Inostr.lit. no.1:102-105 Ja '60.

Chekhov, a French dramatist. Armand Lanoux. Inostr.lit. no.1:188-189 Ja '60.

Chekhov and the Ukrainian theater. IU.Kostiuk. Mystetstvo 7 no.1:41-43 Ja-F '60.

Chekhov's humanity. Mihai Beniuc. Inostr.lit. no.1:105-108 Ja '60.

Comic names as an element of A.P.Chekhov's humoristic style. S.L.Shatalov. Rus.iaz.v shkole 21 no.1:44-47 Ja-F '60.

Exposure of social and political reaction in A.P.Chekhov's and A.Akhverdov's prose. Kh.Agalarova. Izv.AN Azerb.SSR.Ser.obshch.nauk no.1:79-88 '60.

Forgotten testimonial of Lev Tolstoi. M.Dolinskii. Moskva 4 no.1:174 '60.

Great humanist. A.Shtyl'ko. Sov.kras.krest 10 no.1:23-24 Ja-F '60.

Great Russian writer. Liasar Siligi. Inostr.lit. no.1:193 Ja '60.

Language and style of A.P.Chekhov's story "Lean and fat." A.P.Chudasov. Rus.iaz.v shkole 21 no.1:18-21 Ja-F '60.

The language of A.P.Chekhov. E.M.Galkina-Fedoruk. Rus.iaz.v shkole 21 no.1:2-8 Ja-F '60.

The language of A.P.Chekhov's characters as a means of exposing banality and hypocrisy. V.A.Kovalev, I.M.Rozenblium. Rus.iaz.v shkole 21 no.1:10-15 Ja-F '60.

Letters from contemporaries. S.Chertok. Moskva 4 no.1:175-179 '60.

Literary environment of A.P.Chekhov. N.IU.Kruglikova. Rad.lit. no.2:99-113 Mr-Ap '60.

Magician of the literary word. Petr Dimitrov Rusev. Inostr.lit. no.1:187 '60.

New materials on Chekhov. S.Chertok. Moskva 4 no.1:180-183 '60.

Observations on the style of the author's narration in A.P.Chekhov's stories. IU.A.Bel'chikov, I.I.Karpov. Rus.iaz.v shkole 21 no.1:39-41 Ja-F '60.

On Chekhov. Birgit Nonne. Inostr.lit. no.1:190-192 Ja '60.

One of the greatest storytellers. Erskine Caldwell. Inostr.lit. no.1:187-188 Ja '60.

Our Chekhov. N.Krutikov. Smena 37 no.2:11 Ja '60.

Papernyi, Z.S. [A.P.Chekhov; an account of his work] A.P.Chekhov; ocherk tvorchestva. Izd.2., dop. Moskva, Gos.izd-vo khudozh.lit-ry, 1960. 300 p.

Poet of hope. Carlo Levi. Inostr.lit. no.1:189 Ja '60.

Reflections on Chekhov. Pierre Gascar. Inostr.lit. no.1:186-187 Ja '60.

Repetitions as a method of creating distinctive traits in the speech of A.P.Chekhov's story characters. V.P.Vomperskii. Rus.iaz.v shkole 21 no.1:47-51 Ja-F '60.

Return to Chekhov. Rodolfo Haigli. Inostr.lit. no.1:193-194 Ja '60.

"Something else." Lev Nikulin. Moskva 4 no.1:171-173 '60.

Strokes for a portrait. Al.Lean. Moskva 4 no.1:184-187 '60.

Trip to Sakhalin; from an artist's diary. S.Chekhov. Moskva 4 no.1:188-194 '60.

Unique meetings. M.I.Zharov. Smena 37 no.2:12-13 Ja '60.

Unsurpassed master of the short story. Halldor Laxness. Inostr.lit. no.1:189-190 Ja '60.

Use of quoted phrases in A.P.Chekhov's earlier stories. N.S.Valgina. Rus.iaz.v shkole 21 no.1:25-28 Ja-F '60.

Why we love Chekhov; questionnaire of the magazine "Moskva." Irakli Abashidze and others. Moskva 4 no.1:164-170 '60.

Use of celandine for the local treatment of paradontosis. P.P.Kop'eva. Probl.stom. 4:371-374 '58.

CHEL'TSOV-BEBUTOV, MIKHAIL ALEKSANDROVICH, 1890-

M.A.Chel'tsov-Bebutov's 70th birthday. Sov.gos.i pravo no.6:139 Je '60.

CHELYABINSK—AMATEUR ART ACTIVITIES

The palace of culture at the Chelyabinsk Tractor Plant. N.Kartashov. Sov.profsoiuzy 16 no.8:46-47 Ap '60.

CHELYABINSK—LIBRARIES—REFERENCE DEPT.

Clarification of bibliographical references in the Chelyabinsk Provincial Library. A.V.Bliumin. [illegible] no.1:41-47 '60.

CHELYABINSK—ROLLING MILLS

They try to eliminate all shortcomings. L.[illegible]. Agitator no.5:52-54 Mr '60.

CHELYABINSK—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Initiative of great national importance. IA.B.[illegible]. Mashinostroitel' no.3:16-18 Mr '60.

CHELYABINSK—TRACTORS

Militant organ of the collective in a tractor plant. S.[illegible]. Sov.profsoiuzy 16 no.11:61-62 Je '60.

CHELYABINSK BASIN—COAL MINING MACHINERY—TECHNOLOGICAL INNOVATIONS

Indefatigable efficiency promoter. [illegible] Mr '60.

CHELYABINSK PROVINCE—COLLECTIVE FARMS—ACCOUNTING

An important matter. [illegible] no.1:4-[illegible] '60.

CHELYABINSK PROVINCE—ELECTRIC POWER PLANTS

Automation of production at [illegible] electric power plant. [illegible] no.1:108-111 Ja '60.

CHELYABINSK PROVINCE—LIBRARIES

On the right road. M.Marchenko. [illegible] 4-7 Ja '60.

CHELYABINSK PROVINCE—STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Initiative of great national importance. IA.B.[illegible]. Mashinostroitel' no.4:16-30 '60.

[illegible] ALCOHOL

Reducing the duration of holding in the [illegible] of ground starch by raw material according to the [illegible] flow system. Z.K.Ashkinazi and others. [illegible] 26 no.2:8-11 '60.

CHEMICAL APPARATUS

Calculation for bubble-type chemical reactors. [illegible] V.B.Fal'kovskii. [illegible] no.2:52-54 [illegible]

Developing a theory of chemical reactors. [illegible] A.P.Zinov'eva. [illegible] 53 Ap '60.

Investigating the acid resistance of [illegible] equipment. V.A.[illegible]. Khim.[illegible] Mr-Ap [illegible]

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Chemical apparatus for the study of chemistry in secondary schools, catalog and [illegible]] Uchebnoe oborudovanie po khimii dlia srednei shkoly; katalog spravochnik. Moskva, Gos.uchebno-pedagog.izd-vo M-va pros. RSFSR, 1959. 1[illegible] p.

CHEMICAL APPARATUS—WELDING

Selecting the direction of welding [illegible] vinyl plastic. IA.B.[illegible] M.[illegible] mash. no.4:37-38 Mr-Ap '60.

CHEMICAL BONDS

Aromatic bond and some problems in studying the [illegible] of aromatic compounds. [illegible] no.3:102-108 [illegible] '60.

Certain reactions of nitriles leading to the formation of a new nitrogen to carbon bond. F.[illegible]. Usp.khim. 29 no.6:709-715 Je '60.

Grum-Grzhimailo, N.V. [Chemical bonds in metallic alloys] Khimicheskie sviazi v metallicheskikh splavakh. Moskva, Izd-vo Akad.nauk SSSR, 1960. [illegible] p.

Width of the forbidden zone of elementary [illegible] nuclear analogs of gray antimony [illegible] strength and nature of the [illegible]. [illegible] Ormont. Zhur.neorg.khim. [illegible]

CHEMICAL ELEMENTS

Some nuclear characteristics of the elements of different periods. E.P.Ozhigov. Izv.Prim.otd.VGO [illegible] 41:53-57.

CHEMICAL ENGINEERING

Kozlov, P.M. [Invasion of a myth] Vtorzhenie mifa. [Moskva] Izd-vo TsK VLKSM, "Molodaia gvardiia," 1960. 76 p.

[illegible] AND SUPPLIES

[illegible] Mr-Ap '60. [illegible] equipment. [illegible]

CHEMICAL [illegible]—EQUIPMENT AND SUPPLIES—[illegible]

[illegible] automation [illegible]

CHEMICAL [illegible] division [illegible]

CHEMICAL [illegible]

[illegible]

CHEMICAL [illegible]

[illegible]

CHEMICAL RESEARCH [illegible]

Separating hafnium and zirconium by extracting their nitrates with the diisoamyl ester of methylphosphonic acid. G. A. IAgodin, O. A. Mostovaia, A. M. Chekmarev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:135-137 '60.

Status and prospects for the development of the chemical reagent industry. R. L. Globus, G. V. Chuchkin Zav. lab. 25 no.4:395-400 '60.

CHEMICAL WARFARE

Some aspects of training in defense against gas attacks. I. Romanovskii Voen vest 39 no 12:57-61 D '59

CHEMICAL WARFARE—SAFETY MEASURES

Drugov, IU A [Sanitary and chemical protection; pathology, clinical aspects, and treatment of poisoning Manual for students and physicians] Sanitarno-khimicheskaia zashchita, patologiia, klinika i terapiia porazhenii otravliaiushchimi veshchestvami. Rukovodstvo dlia studentov i vrachei. Moskva, Gos izd-vo med lit-ry, 1959. 134 p.
(DNLM)

CHEMICALS

Problems in the toxicological and hygienic evaluation of chemical substances. S. L. Danishevskii. Plast. massy no. 2:55-58 '60.

CHEMISTRY see subdivision under Maritime Province

CHEMISTRY—ABSTRACTS

[Chemistry; abstracts.] Referativnyi zhurnal: Khimiia no.8 Ag '59

[Chemistry; abstracts nos. 41442-47817.] Referativnyi zhurnal: Khimiia nos.11-12 Je '60

[Chemistry; abstracts nos. 53707-55777.] Referativnyi zhurnal: Khimiia no.13 Jl '60

[Chemistry; abstracts nos. 55778-60101.] Referativnyi zhurnal Khimiia no.14 Jl '60.

[Chemistry; patent index, 1956, 1957] Referativnyi zhurnal: Khimiia, patentnyi ukazatel', 1956, 1957.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Brief news. Azerb. khim. zhur. no. 1:106 '59.

General Meeting at the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R. held on December 24-25, 1959. Izv. AN SSSR Otd. khim. nauk no. 5:953-955 My '60.

General Meeting at the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R held on January 29, 1960. Izv. AN SSSR Otd. khim. nauk no. 5 955-956 My '60.

CHEMISTRY—HANDBOOKS, MANUALS, ETC

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Chemical apparatus for the study of chemistry in secondary schools; catalog and handbook] Uchebnoe oborudovanie po khimii dlia srednei shkoly; katalog-spravochnik. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 134 p.

CHEMISTRY—PHILOSOPHY

Correlation between the part and the whole in chemistry. IU. A. Zhdanov. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1:82-89 '60.

N. N. Beketov on the qualitative features of chemical processes. M. A. Ulanovskaia. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1:165-174 '60.

CHEMISTRY—STUDY AND TEACHING
(see also subdivision under Moscow)

Interuniversity conferences on methods; conference on the method of teaching chemistry. V. I. Petrashen', N. A. Agrinskaia. Vest. vys. shkoly 18 no. 7:54-55 Jl '60.

Methods of teaching chemistry in institutions of higher education and secondary schools. Report No. 1. A. L. Brodskii. Soob. Prim. otd. VKHO no. 3:209-236 '57.

CHEMISTRY, LEGAL

D. I. Mendeleev's unknown works on the criminal expertise of documents. A. Dolov, I. Krylov. Sov. iust. no. 2:70-72 F '60.

Determination of alcohol by the method of salting out in legal chemical investigations of biological material. A. I. Grinberg. Sud.-med. ekspert. 2 no. 2:30-34 Ap-Je '59.

Examination of burned articles made of fabrics. A. A. Vybornova. Sov. krim. na sluzh. sled. no. 12:90-127 '59.

Fractional detection and determination of cobalt in legal chemical investigations. L. T. Ikramov. Sud.-med. ekspert. 2 no. 2:23-29 Ap-Je '59.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Method for the determination of admixtures of lead (2), copper (2), and iron (3) in pharmaceutical preparations [with summary in English]. O. I. Khokhlova. Apt. delo 9 no. 1:28-34 Ja-F '60.

Some elements in the elimination of protein ballast from antidiphtheria serum. K. Kh. Khadzhiev. Med. zhur. Uzb. no. 5:39-42 My '58.

Use of nonaqueous solvents for the analysis of pharmaceutical preparations N. A. Izmailov, N. P. Dziuba. Med. prom. 14 no. 6:7-12 Je '60.

"Use of sodium nitroprusside in the qualitative analysis of pharmaceutical chemicals" by V. G. Belikov. Med. prom 14 no. 6:62 Je '60.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Medical and pharmaceutical

CHEMISTRY, ORGANIC see subdivision under Ukraine

CHEMISTRY, ORGANIC—SYNTHESIS

Artificial synthesis of nucleic acids by the use of enzymes. A. S. Spirin. Biokhimiia 25 no. 1:187-180 Ja-F '60.

Nitro compounds in diene synthesis. S. S. Novikov, G. A. Shvekhgeimer, A. A. Dudinskaia. Usp. khim. 29 no. 2 187-219 F '60.

Publication of new books on the technology of basic organic synthesis. O. V. Korsunskii. Khim. prom. no. 8:718-720 D '59.

CHEMISTRY, PHYSICAL AND THEORETICAL

Bokii, G. B. [Crystallochemistry] Kristallokhimiia. Izd. 2. [Moskva] Izd-vo Mosk univ., 1960. 356 p.

Solution of the problem of temperature regimen in a medium with periodical phase changes. V. G. Melamed. Izv. AN SSSR. Ser. geofiz. no. 6 886-891 Je '60.

Stoichiometric analysis of chemical reactions in the combustion and gasification of carbon. B. M. Derman. Trudy IGI 11:127-132 '59.

CHEMISTRY, PHYSICAL AND THEORETICAL—HISTORY

Kurinnoi, V. I. [Outline of the development of chemical atomistics in the 19th century] Ocherk razvitiia khimicheskoi atomistiki v XIX veke. Pod red. N. A. Figurovskogo. Moskva, Izd-vo Akad. nauk SSSR, 1960. 157 p.

CHEMISTRY, SANITARY see Sanitary chemistry

CHEMISTRY, SURFACE see Surface chemistry

CHEMISTRY, TECHNICAL

Replacing harmful substances in degreasing machine parts. N. Sokolov. Okhr. truda i sots. strakh. 3 no. 2 34 F '60.

CHEREMISSES

"Studies in Cheremis," Vol. 6: Games [in English] by Thomas A. Sebeok, Paul G Brewster. Reviewed by T. Smirnova. Sov etn. no 1 161-162 Ja-F '60.

CHEREMSHYNA, MARKO, pseud. see Semaniuk, Ivan Iuriiovych, 1874-1927

CHEREPOVETS—COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Work practice with electrostatic precipitators of the C-180 type. A. V. Kharakinin. Koks. i khim. no. 4:52 '60.

CHEREPOVETS—FOREMEN

The most important position K Krendelev Agitator no 6 50-51 Mr '60

CHERKASSY DISTRICT—FARMHOUSES

Two hundred houses for collective farmers. P. Sorochenko. Sil'. bud 7 no. 5 4-6 My '57

CHERKASSY DISTRICT—STOCK AND STOCKBREEDING

Kolonii, P. V. [Ways of increasing livestock production; practices of the "Pamiat' Lenina "Collective Farm, Cherkassy District, Chekassy Province] Na shliakhu zbil'shennia vyrobnytstva produktiv tvarynnytstva; z dosvidu kolhospu "Pam'iati Lenina" Cherkas'koho raionu Cherkas'koi oblasti. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 5)

CHERKASSY PROVINCE—BUILDING

How we achieved success in our work. P. Sorochenko. Sil'. bud. 8 no. 2:7-8 F '58.

CHERKASSY PROVINCE—COLLECTIVE FARMS

Consolidating lagging collective farms in Cherkassy Province. A. Medvedovskii. Ekon. sel'khoz. 31 no. 3:31-36 Mr '60.

CHERNIGOV—CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Use of the KRP redesigned machine for slicing potatoes into strips. A. A. Samokhvalenko. Kons. i ov. prom. 15 no. 3:12-13 Mr '60.

CHERNIGOV—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization of the removal of ash entrained from flues. A. A. Samokhvalenko. Kons. i ov. prom. 15 no. 4:23 Ap '60.

CHERNIGOV—POTATOES

Use of the KRP redesigned machine for slicing potatoes into strips. A. A. Samokhvalenko. Kons. i ov. prom. 15 no. 3:12-13 Mr '60.

CHERNIGOV—TEXTILE FIBERS, SYNTHETIC

Chernigov "silk " Mykola Romanika Ukraina no 5 12-13 Mr '60

CHERNIGOV PROVINCE—CONSTRUCTION INDUSTRY

First steps of the interfarm planning organization. L. Mostypan. Sil'. bud. 8 no. 2:11-12 F '58.

CHERNIGOV PROVINCE—MUSIC MUSEUMS

In the museum of Ostap Veresai, a kobza player. A. Kizenko. Nar. tvorch. ta etn. 3 no. 4:163-164 O-D '59.

CHERNOBAYEVKA—CITY PLANNING

Transformation of Chernobayevka. V. Kravchenko. Sil'. bud. 10 no. 3:7-9 Mr '60.

CHERNOVTSY—BIOCHEMISTRY—RESEARCH

Work of the Chernovtsy section of the Ukrainian Biochemical Society N H. Lytovchenko Ukr biokhim zhur 32 no 3:484-485 '60.

CHERNOVTSY—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A study room of progressive experience N. Syrota Sots. kul't. 13 no 2 15 F '60.

CHERNOVTSY—STORMS

Hurricane in Chernovitsy. M. A. Mil'khiker, M. A Daskal Priroda no. 6 116 Je '60.

CHERNOVTSY PROVINCE see Bukovina

CHERNYSHEV, VASILII IL'ICH, 1867-1948

Methodological opinions of V. I. Chernyshev. M. S. Lapatukhin Rus. iaz v shkole 21 no 2:94-97 Mr-Ap '60

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Nikolai Gavrilovich Chernyshevskii. Nauka i rel. no. 2: 88-89 O '59.

Verkhovskii, G. P. [N. G. Chernyshevskii's novel "What is to be done?"] O romane N. G. Chernyshevskogo "Chto delat'." [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 191 p.
(NNC)

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889—HOMES AND HAUNTS

Sacred relic of Russian culture. Ogonek 38 no. 9:15 F '60.

CHERSONESE (CITY)—EXCAVATIONS (ARCHAEOLOGY)

Excavations in Chersonese during 1957. G. Belov. Soob. Gos. Erm. no. 16:64-67 '59.

CHERT—SPECTRA

Measurement of the γ-ray spectra resulting from neutron capture in certain rocks. A A. Fedotov, M M Sokolov, A. P. Ochkur Atom energ 8 no 6:555-556 Je '60

CHESS

Chess. Sov. voin 41 no. 22:32 N '59.

Chess. Vl Alatortsev. Sov. Soiuz no 4 52-53 '60.

Chess. Voen. vest. 39 no. 12:91-92 D '59.

For the world's championship. I. Linder. Znan. sila 35 no. 3:44-45 Mr '60.

The twenty-third "duel " IU. Lazarev Ukraina no 5 20 Mr '60.

CHESS—TOURNAMENTS

The distance has increased. S. Flor. Ogonek 38 no. 14: 25 Ap '60.

The finals are full of drama. S. Flor. Ogonek 38 no. 9:28 F '60.

Friendly meetings. V. Liublinskii. Smena 37 no. 5:22 Mr '60.

In expectation of decisive meetings. Salo Flor. Ogonek 38 no 17:30 Ap '60.

The match has started. S. Flor. Ogonek 38 no. 12:3 Mr '60.

Tal is nearing the goal. Salo Flor. Ogonek 38 no. 19:26 My '60.

Tension holds on. S. Flor. Ogonek 38 no. 15:32 Ap '60.

A tournament of exceptional interest. M. Eve. Ogonek 38 no. 11:30 Mr '60.

Warming up. S. Flor. Ogonek 38 no. 13:30-31 Mr '60.

[World championship, Botvinnik-Smyslov match] Na pervenstvo mira, match Botvinnik-Smyslov. Moskva, 1957. 1 v.
(OCl)

CHESS PROBLEMS

Contest for the cup of "Sotsialistychna kul'tura " Sots kul't. 13 no. 2 47 F '60

Contest for the cup of "Sotsialistychna kul'tura." Sots. kul't. 13 no. 3:48 Mr '60.

Contest for the solution of chess problems Sots kul't 11 no 3 47 Mr '58

CHEST

Anomaly of the large thoracic muscle in radiographic representation. R. I. Kurashev. Vest. rent. i rad. 35 no. 1: 68 Ja-F '60

CHEST—FRACTURE

Case of isolated fracture of the chest R. A Mustafaev. Azerb med. zhur. no. 3 72-73 Mr '60.

CHEST—SURGERY

Second session of the Institute of Thoracic Surgery of the Academy of Medical Sciences of the U.S.S.R V.M. Sergeev. Vest. AMN SSSR 14 no. 6 79-87 '59

Shane-Ashman method of anesthesia in thoracic surgery [with summary in English]. V. P. Smol'nikov. Grud. khir. 1 no. 1 121-125 Ja-F '59.

Some pressing problems in thoracic surgery [with summary in English] N. V. Antelava. Grud. khir. 1 no. 1 65-69 Ja-F '59.

CHEST—WOUNDS AND INJURIES

Contusions of the thoracic cavity and rib fractures. V. V. Lebedev, D A Velikoretskii. Fel'd. i akush 25 no 3 15-21 Mr '60.

CHESTNUT see subdivision under Black Sea region

CHETAEV, NIKOLAI GRIGOR'EVICH, 1902-1958

List of N. G. Chetaev's works. Prikl. mat. i mekh. 24 no. 1:198-200 Ja-F '60.

Review of N. G. Chetaev's works. Prikl. mat. i mekh. 24 no. 1:171-197 Ja-F '60.

CHETAEV, NIKOLAI GUR'EVICH, 1902-1959

Nikolai Gur'evich Chetaev; obituary. Prikl. mat. i mekh. 24 no. 1:3-5 Ja-F '60.

CHIANG, KAI-SHEK, 1886-

Living corpse; an essay. A. Bozhenko. Sov. voin 41 no. 22:30 N '59.

CHICKEN POX

"Chicken pox" by G. G. Stuks. Reviewed by E P Klimenko Zhur mikrobiol. epid. i immun. 31 no. 2:150-151 F '60.

CHIKANAL, NIKOLAI ANDREEVICH

Life is calling. N. Voskresenskii. NTO 2 no. 4:52-54 Ap '60.

CHILD PLACING see Adoption

CHILD PSYCHIATRY

Russia (1923- U. S. S. R.) Ministerstvo zdravookhraneniia. Institut psikhiatrii. [Problems in child psychoneurology; collection of articles of the All-Union Conference on Child Psychiatry, March 21-25, 1957] Voprosy detskoi psikhonevrologii; sbornik trudov Vsesoiuznoi nauchno-prakticheskoi konferentsii po psikhiatrii detskogo vozrasta 21-25 marta 1957 g. Moskva, 1958. 355 p.
(DNLM)

CHILD STUDY

"Child and educational psychology in the U. S S R " by N. D Levitov. Reviewed by T. Ganusevich Vest Inst po izuch SSSR no 4 132-138 O-D '59

Interrelation of action, image, and speech in the thinking of preschool children [with summary in English]. Z. A. Gan'kova. Vop. psikhol. 6 no. 1:59-77 Ja-F '60.

Liublinskaia, A A [Study on the psychological development of the child, infancy and preschool age] Ocherki psikhicheskogo razvitiia rebenka; rannii i doshkol'nyi vozrast. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 545 p.

"Methodology of child and adolescent education in schools" by N. I. Svetlovskii. Reviewed by V. I. Tetereva. Nach. shkola 28 no. 2:82 F '60.

Need for knowledge and practical activity by preschool children. E. F. Rybalko. Uch. zap. LGU no. 287:98-111 '60.

Role of the word in recollection and some peculiarities of memory in the child [with summary in English]. E. D. Kezheradze. Vop. psikhol. 6 no. 1:78-85 Ja-F '60.

Sensitive children. A. Il'ina. Sem'ia i shkola 15 no. 3: 7-9 Mr '60.

Shall we suppress children's fantasies? N. Zarubina. Sem'ia i shkola 15 no. 2:22-23 F '60.

Small child's need for communication and speech. A V. IArmolenko. Uch. zap. LGU no. 287:86-95 '60.

CHILDISHNESS

Psychogenic puerilism in the legal psychiatric clinic. Z. G. Turova Probl. sud. psikh. 8:124-143 '59.

CHILDREN see subdivision under Japan

CHILDREN—CARE AND HYGIENE

(see also subdivision under Ukraine)

"Personal hygiene of the school child" by M. A. Gabrilovich. Reviewed by S. Kamyshnikov. Zdrav. Belor 3 no. 10:76 O '57.

Some problems in the daily regimen and physical development of children from the standpoint of modern hygienic positions. V. S. Liudogovskaia. Med. zhur. Uzb. no. 11: 77-81 N '58.

CHILDREN—COSTUME

When you're playing.... IUn. nat no. 5:34-35 My '60.

CHILDREN—DISEASES

Diffusion and evolution of speech defeats in children. J. Strecinaru Vop. psikhol. 6 no. 1:176-178 Ja-F '60.

Rheumatism in children. O Mishchenko. Nauka i zhyttia 10 no 2 44-45 F '60

Serological types of Escherichia coli and the role of some of them in the etiology of children's summer diseases. F. I. Shevchenko. Med. zhur Uzb no. 8/9 8-17 Ag-S '58.

CHILDREN—EMPLOYMENT

Youth and work in the U. S. S. R. V. Lazarev, G. Rumiantsev. Sots. trud 5 no. 2:130-135 F '60

CHILDREN—GROWTH

Indexes of the physical development of preschool age children in connection with typological peculiarities of their higher nervous activity. A. A. Goriunova Gig. i san. 25 no. 2:90-92 F '60.

CHILDREN—HOSPITALS see subdivision under Tashkent

CHILDREN—MANAGEMENT

Culture and tact. Doshk. vykh. 21 no. 3:44-45 Mr '60.

Good manners of preschool children should be shown in their dealings with adults and other children. O. Lebedenko Doshk. vykh. 21 no. 3:10-14 Mr '60.

Inculcating in children the right attitude to work. G. F. Saenko. Nach. shkola 28 no. 3:16-21 Mr '60.

Is this pampering? A. Kochetkova. Sem'ia i shkola 15 no. 3:23 Mr '60.

Table manners. L. Shchehlova. Doshk. vykh. 21 no. 3: 23-25 Mr '60.

Teaching older kindergarten children to behave as cultivated people do. S. Kryzhanivs'ka. Doshk. vykh. 21 no. 3:26-28 Mr '60.

Teaching to behave as cultivated people do. K. Voropaieva. Doshk. vykh. 21 no. 3:18-22 Mr '60.

They came to know the joy of work. S. Ivanova. Sem'ia i shkola 15 no. 3:11-12 Mr '60.

Work training. E. I. Kosov. Nach. shkola 28 no. 4:80-81 Ap '60.

CHILDREN—NUTRITION

(see also subdivision under Ukraine)

Children's diet. Sem'ia i shkola 15 no. 3:44 Mr '60.

Food for children 1 to 5 years of age T. Nevskaia. Obshchestv pit. no 4:55-58 Ap '60.

CHILDREN—RECREATION

Read these books IUn. nat no 5 20 My '60.

CHILDREN AS ARTISTS

Friendship is a kind word. M. Vasilenko. Kul't. i zhizn' 4 no. 4:58 '60.

CHILDREN'S CLUBS

Uncle Vania's battalion. S. Simonov. Sem'ia i shkola 15 no. 2 31 F '60.

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

The fourth volume of the Children's encyclopedia. Nar. obr no. 6:110-111 Je '60.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S LITERATURE—EXHIBITIONS see subdivision under Moscow

CHILDREN'S LITERATURE, UKRAINIAN—HISTORY AND CRITICISM

Two hundred new books. V. Smiekhova Ukraina no. 5 31 Mr '60.

CHILDREN'S PLAYS see subdivision under Moscow

CHILE—COMMUNIST PARTY

For the people Part. zhizn' no 13 72 Jl '60

CHILE—ECONOMIC CONDITIONS

Chilean youth fight together. Manuel Gomez. Mol. mira no. 1:23 '60.

CHILE—YOUTH

Chilean youth fight together. Manuel Gomez. Mol. mira no. 1:23 '60.

The youth of Chile and their life. Ruben Escribano. Mol. mira no. 7:15 '59.

CHIMNEYS

Russia (1917- R. S. F. S. R.) Glavteplomontazh i upravlenie kadrov. [Installation of industrial furnaces and chimneys] Kladka promyshlennykh pechei i dymovykh trub. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 303 p.

CHIMPANZEES

Formation of the habit of using a stick by a chimpanzee. S. L. Novoselova. Vop. antr. no. 2 31-37 '60.

CHINA—AERONAUTICS, COMMERCIAL

"The big leap" in Chinese aviation. Grazhd. av. 17 no. 2: 10-12 F '60.

CHINA—ARCHAEOLOGY

New work on Chinese archaeology ("Archaeology in China." Vol. 1. Prehistoric China [in English] by Cheng Te-k'un. Reviewed by L. S. Vasil'ev). Vest. ist. mir. kul't. no. 1 109-112 Ja-F '60.

CHINA—BOTANY, MEDICAL

Some medicinal plants in Chinese medicine. I. I. Gerasimenko Med. prom. 14 no. 4 54-57 Ap '60.

CHINA—CLIMATE

Changes in some meteorological elements and the frequency of typhoons over China during a period of many years and their relationship with epochal transformations of the W, C, and E types of atmospheric circulation. Chang Chi-chia. Trudy GGO no. 90:63-78 '60.

Mean characteristics of atmospheric circulation and the weather regime over China in the summer half year based on observations made during a period of many years. Chang Chi-chia. Trudy GGO no. 90 43-62 '60.

Mean characteristics of some meteorological elements and atmospheric circulation over China in the winter half year based on observations made during a period of many years. Chang Chia-ch'eng. Trudy GGO no. 90: 11-26 '60.

CHINA—COAL MINES AND MINING—SAFETY MEASURES

Struggle against gas, water, and fires in mines in China. I. F. Mushenko. Bezop. truda v prom. 4 no. 3:33-35 '60.

CHINA—COMBING MACHINES

Increasing the speed of combing machines in the woolen industry of the Chinese People's Republic. P. S. Baltasnikov. Tekst. prom. 20 no. 2:88-91 F '60.

CHINA—COMMUNES

Chou En-lai [Establishing the basic indicators of the economic program for 1959 and fostering the movement for increasing industrial production and maintaining a policy of thrift, a report at the fifth session of the Standing Committee of the Second All-Chinese Assembly of People's Representatives, August 26, 1959] Ob uregulirovanii osnovnykh pokazatelei narodnokhoziaistvennogo plana na 1959 god i dal'neishem razvertyvanii dvizheniia za uvelichenie proizvodstva i sobliudenie rezhima ekonomii; doklad na 5-m zasedanii Postoiannogo Komiteta Vsekitaiskogo Sobraniia narodnykh predstavitelei vtorogo sozyva, 26 avgusta 1959 goda. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 50 p.

CHINA—COMMUNISM

"A summing up at seventy; Soviet Russia in China" [in English] by Chiang Kai-shek Reviewed by R. N. Redlikh Vest Inst po izuch SSSR no 1 140-144 Ja-Mr '60

CHINA—COST AND STANDARD OF LIVING

Wage increase and improvement of living standards of workers and employees in the Chinese People's Republic. P. Shelekasov. Biul. nauch. inform.: trud i zar. plata no. 10:59-63 '59.

CHINA—DESCRIPTION AND TRAVEL

Chinese smile. S. Fil'shtinskii. Sovr. Vost. no. 6:51 Je '60.

Konstantinovskii, A. I. [One hundred days in China; an artist's travel notes] Sto dnei v Kitae; putevye zametki khudozhnika. Leningrad, Khudozhnik RSFSR, 1959. 114 p.
(CU)

CHINA—DIET

Evaluation of diet with a high cereal content. Yen Yenfu Usl. zhiz i zdorov 1 no. 5 21-26 '59.

CHINA—ECONOMIC CONDITIONS

Chou En-lai. [Establishing the basic indicators of the economic program for 1959 and fostering the movement for increasing industrial production and maintaining a policy of thrift; a report at the fifth session of the Standing Committee of the Second All-Chinese Assembly of People's Representatives, August 26, 1959] Ob uregulirovanii osnovnykh pokazatelei narodnokhoziaistvennogo plana na 1959 god i dal'neishem razvertyvanii dvizheniia za uvelichenie proizvodstva i sobliudenie rezhima ekonomii; doklad na 5-m zasedanii Postoiannogo Komiteta Vsekitaiskogo Sobraniia narodnykh predstavitelei vtorogo sozyva, 26 avgusta 1959 goda. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 50 p.

The modern stage of building socialism in the Chinese People's Republic; on the 10th anniversary of the Chinese People's Republic. G. V. Efimov. Uch. zap. LGU no. 281: 3-18 '59.

Suprunenko, A. L. [China builds socialism] Kitai stroit sotsializm. [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. 331 p.

Ten years that changed China. Liu Hsi-yuan. Mol. mira. no. 12:22-23 '59.

CHINA—EDUCATION—BIBLIOGRAPHY

New books in the Chinese People's Republic. Sov. pedag. 24 no. 6:142-143 Je '60.

[illegible]

[illegible]

[illegible] see subdivision [illegible]

CHINESE LANGUAGE - GRAMMAR
Relation of a [illegible] clause with a subordinate clause, [illegible] of time in a proper complex sentence [illegible]. T. N. Nikol'skaia. Uch. zap. LGU no.291:164-177 '60.

CHINESE LITERATURE - HISTORY AND CRITICISM
On the authorship of "[illegible]." L. V. Vasil'ev. Uch. zap. LGU no.2[illegible]:[illegible] '60.

CHINESE POETRY - TRANSLATIONS INTO RUSSIAN
[New poetry of China, 1919-1958. Translated from the Chinese] Novaia poeziia Kitaia, 1919-1958. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 511 p.

CHINESE STUDIES (SINOLOGY) see subdivision under Leningrad

CHIRCHIK VALLEY - HYDROELECTRIC POWER STATIONS
Operation of hydroelectric power plants of the Chirchik-[illegible] cascade [illegible] related to annual precipitation. [illegible] Izv. AN Uz. SSR. Ser. tekh. nauk no.1:33-44 '60.

CHIRONOMIDAE see subdivision under [illegible]

CHIROTHERAPY see Massage

CHITA - COMMUNICATION LINES
[illegible] A. P. [illegible]nko. Zhur. [illegible] no.2:156-158 F '60.

CHITA - RAILROADS - REPAIR SHOPS
[illegible] of railway repair shops built on [illegible] "Gudok" no.30, [illegible]

CHKALOV, VALERII PAVLOVICH, 1904-1938
[illegible] V. Ivanov. Za rul. 18 no.2:13 F '60.

CHLORIDES
(see also subdivision under Kara-Bogaz Gol (Gulf))
[illegible] A. V. [illegible] [illegible]
Determination of [illegible] chlorides [illegible] by the [illegible] (Mohr's method). P. D. [illegible], [illegible] Lab. delo 6 no.2:20-22 Mr-Ap '60.
[illegible] A. Anfilov, A. B. [illegible] [illegible]
[illegible] Synthesis of [illegible] chlorides [illegible] [illegible] '60.

CHLORIDES IN THE BODY
Diagnosis of chloro[illegible] syndrome. P. D. Fedyakin. Vrach. delo no.2:121-125 F '60.

CHLORINATION
[illegible] of condensation units in the [illegible] A. G. [illegible], V. A. Kostomia [illegible]
[illegible] saturated hydrocarbons [illegible] N. A. Kondlin [illegible] '60.
Studying certain problems of chlorinating titanium materials [illegible] A. V. Pustelnikova, V. V. [illegible] Titan i ego splavy no.3:[illegible] '60.
[illegible] rates of the reactions [illegible] chlorination of benzene. [illegible] '60.

CHLORINE
Exchange between molecular and atomic chlorine, and metallic silver. V. D. [illegible], V. A. Listunovskii, [illegible] Zhur. neorg. khim. [illegible] '60.

CHLORINE FLUORIDE
Physicochemical properties of chlorine trifluoride. III. D. [illegible], A. A. Opalovskii. Usp. khim. 29 no.6:[illegible] Je '60.

CHLOROFORM
Mechanism of the formation of chloroform from vinyl ethers. M. M. [illegible]. Azerb. khim. zhur. no.[illegible]:[illegible] '60.

CHLOROMYCETIN
Clinical significance of the resistance of dysentery microbes to chloromycetin. [illegible] Vrach. delo no.[illegible] Mr '60.
[illegible] in the treatment of gonorrhea in the male. [illegible] Zdrav. [illegible] '60.

CHLOROPHYLL
Final step in the formation of chlorophyll in plants. T. N. Godnev. Vestsi AN BSSR Ser. biial. nav. no.1:140-142 '60.

Fluorescence spectrophotometric study of chlorophyll synthesis of homogenates of etiolated leaves [with summary in English]. A. A. Krasnovskii, M. I. Bystrova. Biokhimiia 25 no.1:168-179 Ja-F '60.

Reaction of reversible photochemical reduction of chlorophyll, its analogs, and derivatives. A. A. Krasnovskii. Usp.khim. 29 no.6:736-759 Je '60.

CHLOROPICRIN

Fumigation of grain with reduced amounts of chloropicrin. [illegible] Muk.-elev.prom. 26 no.1:10 Ja '60.

CHLOROPRENE

Radioactive indicator study of the gelation of rubber latexes [with summary in English]. D. M. Sandomirskii, M. L. Vdovchenkova. Koll. zhur. 22 no.1:68-71 Ja-F '60.

CHLORPROMAZINE

Aminazine therapy of some forms of reactive conditions. [illegible] Probl.sud.psikh. 8:171-187 '60.

Synthesis of C^{14} aminazine. [illegible]

Treatment of [illegible] with aminazine [with summary in French]. [illegible] 60 no.3:17-[illegible] '60.

CHOKRAK-BUGRON (DAGESTAN)—PETROLEUM ANALYSIS

Vanadium and nickel in crude oils of Dagestan. D. I. Zul'fugarly, [illegible] Azerb.khim.zhur. no.2:[illegible] '60.

CHOLIC ACID

Obtaining methyl [illegible] acetoxycholenate. [illegible] Med.prom. 14 no.6:8-11 Je '60.

CHOLESTEROL

Use of [illegible] in the production of cholesterol. [illegible]

CHOLESTEROL METABOLISM

Conditioned reflex hypercholesterolemia in animals. [illegible] Dokl. AN SSSR 131 no.6:1454-1456 Ap '60.

Effect of the prevalence of acid and alkaline elements in food on cholesterol metabolism [with summary in English]. [illegible]

CHOLINE

Preventive effect of prolonged [illegible] administration in choline deficiency [with summary in English]. [illegible] Biokhimiia 25 no.1:101-105 Ja-F '60.

Role of choline in [illegible] V. I. [illegible]

Treatment of acute [illegible] of the [illegible] circulation with acetylcholine. Report no.1. [illegible]

CHOLINESTERASE

Cholinesterase activity of blood serum in nonspecific infectious and acute rheumatic polyarthritis during treatment with cortisone and adrenocorticotropic hormone. [illegible] Mat.po izuch. [illegible]

Cholinesterase of the blood serum in liver diseases. [illegible] 41 no.1:26-29 Ja '60.

Effect of cobalt on the cholinesterase activity of the blood. [illegible]

CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

Fryderyk Chopin. [illegible]

Fryderyk Chopin. [illegible]

Great Polish composer. [illegible] Nauka i zhyttia 10 no.3:50-57 F '60.

Meditations on Chopin. [illegible]

Musical soul of the Polish people. [illegible]

Piano evenings. [illegible] Sov.muz. 24 no.3:127-128 Mr '60.

CHORAL SINGING

Lokshin, D.L. [Conducting mixed choruses of students in the senior grades, a manual for conductors of choruses] Rukovodstvo smeshannym khorom starshikh shkol'nikov, v pomoshch' rukovoditelia khora. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 135 p. (Pedagogicheskaia biblioteka uchitelia)

CHORAL SINGING—INSTRUCTION AND STUDY

Continuity in singing instruction. F. IA. Gembitskaia, V. A. Dyshlevskaia. Izv.APN no.110:85-104 '60.

Development of singing skill in grades 1-6. F. IA. Gembitskaia. Izv.APN no.110:45-84 '60.

Perception and assimilation of songs. V. A. Dyshlevskaia. Izv.APN no.110:9-13 '60.

CHORAL SOCIETIES see subdivision under Moldavia; Riga

[illegible]

[illegible]

CHORNY, KUZ'MA, pseud.

[illegible] Minsk, [illegible] 1960. [illegible]

CHORUSES

[Choruses to White Russian composers] Khory belorusskikh kompozitorov. Moskva, Muzgiz, [illegible] p. [illegible]

CHRISTIANITY—ORTHODOX EASTERN CHURCH

Ioann, Bp. of San Francisco. [Epistles about the [illegible] and the temporal] Pis'ma o vechnom i vremennom. New York, 1960. [illegible] p.

CHRISTIANITY AND SCIENCE see Religion and Science

CHROMATOGRAPHIC ANALYSIS

[illegible]

Quantitative determination of [illegible] by the method of precipitation [illegible] V. A. [illegible] Izv. AN SSSR. [illegible] no.[illegible]:110-120 My-Je '60.

[illegible]

CHROMATOGRAPHY

Principles of a general theory of [illegible] and chromatography. Report No. 2 [illegible] Chromatography. [illegible]

CHROMATOGRAPHY [illegible]

[illegible]

CHROMITE

[illegible]

CHROMIUM

[illegible]

Investigating reactive diffusion [illegible] Part 2 [illegible]

Investigating self diffusion [illegible] V. A. Bogdanov. Izv.AN SSSR.Otd.tekh.nauk.Met.i top. no.3:99-101 My-Je '60.

[illegible]

CHROMIUM BORIDE

[illegible]

CHROMIUM BROMIDE

Reaction of chromium [illegible] [with summary in English]. [illegible]

CHROMIUM COMPOUNDS

Quantitative determination [illegible] compound of trivalent chromium [illegible]

CHROMIUM FERRITES—MAGNETIC PROPERTIES

Magnetic [illegible]

CHROMIUM IODIDE

Investigating self diffusion in [illegible] V. A. Bogdanov. Izv.AN SSSR.Otd.tekh.nauk.Met.i top. no.3:99-101 My-Je '60.

CHROMIUM-NICKEL-MOLYBDENUM ALLOYS see Nickel-chromium-molybdenum alloys

[illegible]

Denisov, P. V. [Religious beliefs of the Chuvashes; historical and ethnographic essays] Religioznye verovaniia chuvash, istoriko-etnograficheskie ocherki. [Cheboksary] Chuvashskoe gos. izd-vo, 1959. 408 p.

CHUVASHIA—ECONOMIC CONDITIONS

Matveev, G. P. [An account of the economic geography of Chuvashia] Ekonomiko-geograficheskii ocherk Chuvashii. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 200 p.

CHUVASHIA—GEOGRAPHY

Matveev, G. P. [An account of the economic geography of Chuvashia] Ekonomiko-geograficheskii ocherk Chuvashii. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 200 p.

CHUVASHIA—MUSIC

The musical life of Chuvashia. IU. Iliukhin. Sov. muz. 24 no. 3 151-153 Mr '60.

CHUYSKIY DISTRICT—CEMENT INDUSTRIES

Toward the complete mechanization of our cement plant T Zhdneva Part zhizn' Kazakh 30 no 3 61-62 Mr '60

CHYLE

Anemias in hypochilia and achylia. T. M. Efendiev, Kh. F. Mammadova. Med. zhur. Uzb. no. 11:33 N '58.

CHYMOTRYPSIN

Stabilization of pepsin, trypsin, and chymotrypsin by amino acids [with summary in English]. O.S. TSyperovych, A.L. Losieva. Ukr. biokhim. zhur. 32 no.1 25-43 '60.

CICERO, MARCUS TULLIUS

"Cicero, a collection of works in honor of the 2000th anniversary of his death", "Cicero, a collection of works, the A M. Gorkii Institute of World Literature." Reviewed by A. Kozarzhevskii. Vest. drev. ist. no. 1: 124-130 '60.

CILIARY BODY—DISEASES

Dynamics of the chiasmal syndrome following X-ray treatment of tumorous and inflammatory processes in the ciliary zone. F A. Khalfina, I. S. Rozentsveig Oft. zhur. 12 no. 5 282-287 '57.

CIMMERIAN BOSPORUS (KINGDOM)

A study of the political history of the Bosporus during the first and second centuries A.D. E. S. Golubtsova. Vest. drev ist. no. 1:112-121 '60.

CINCHONAMINE

Synthesis of the natural alkaloid (+)-cinchonamine Chen' Chan-bai, R P Evstigneeva, N A Preobrazhenskii Zhur ob khim 30 no 6 2005-2008 Je '60

CINDER BLOCKS see subdivision under Gorkiy Province

CINNABAR see subdivision under Gorno-Altai Autonomous Province

CINNAMYL ALCOHOL

Hydrogenation of cinnamic alcohol (styron). A. M. Sokol'skaia, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR 5:110-113 '59.

CINQUEFOIL see subdivision under Russia, Northern

CIRCLE

A Riemann-Gilbert nonlinear problem for a unity circle. A. Sh. Gabib-Zade. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1:7-13 '50.

CIRCULAR SAWS

(see also subdivision under Great Britain)

Safety guard for a circular sawing machine for cutting off glued veneer. A. M. Matukhnov Der. prom. 9 no. 2:24 F '60.

CIRCULAR SAWS—SAFETY MEASURES

Guard for a circular saw. N. Sirotkin. Okhr. truda i sots strakh. 3 no. 4:65 Ap '60.

CIRCULATION, PULMONARY see Pulmonary circulation

CIRCUS

Precast reinforced concrete circus dome. V. Norizhnyi. Stroi. i arkhit. 8 no. 2:14-15 F '60.

CITIES AND TOWNS—CIVIC IMPROVEMENT

More attention to the problems of city building Part zhizn' no 12 32-34 Je '60

CITIES AND TOWNS—GROWTH

Studying the principles of urban and suburban distribution of the population. M. O. Khauke. Probl. Sov. gradostroi. no. 8:47-50 '60.

CITIES AND TOWNS, ANCIENT see subdivision under Colchis

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Amu Darya Valley

(see also subdivision under Chernobayevka; Finland; Kamyshovatoye; Kherson Province, Leningrad, Minsk; Moscow; Novosibirsk region; Odessa, Pitsunda; Tapiola; Ukraine, Zhukovskiy)

Akademiia budivnytstva i arkhitektury URSR. Instytut mistobudivnytstva. [Mass housing construction] Massovoe zhilishchnoe stroitel'stvo. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit., 1960 285 p. (Planirovka i zastroika zhilykh raionov)

Akademiia stroitel'stva i arkhitektury SSSR. [Planning, building, and improving cities] Planirovka, zastroika i blagoustroistvo gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 179 p.

All-Union Conference on City Building. Gor. khoz. Mosk. 34 no. 2:1-3 F '60.

Architecture of the centers of cities V. Lavrov Arkhit SSSR no 3 38-44 '60

Basic possibilities for lowering costs of city planning IA Levchenko Arkhit SSSR no 3 31-33 '60

Be more resolute in introducing suggestions concerning advanced urban development. B. V. Murav'ev. Stroi. i arkhit. Len. 22 no. 3:15-16 '60.

Chief architects are creative organizers of city planning B Svetlichnyi Arkhit SSSR no 3 1-3 '60

Chief city architects speak of their experience. Arkhit SSSR no 3 3-8 '60

Cities and plants I Nikolaev Arkhit SSSR no 3 34-37 '60.

City and town master plans I Zakov, IA Malakhov Arkhit SSSR no 3 26-30 '60

City master plans M Khauke Arkhit SSSR no 3 24-25 '60

The civic center of a small town and its construction according to standard plans. Z. N. IArgina. Probl. Sov. gradostroi. no. 8:117-128 '60.

Controlling the growth of cities. N. V. Baranov Izv ASIA no 3:27-34 '59.

Developing "unsuitable" urban areas N Tarasov, V Faleev. Arkhit SSSR no 6 18-21 '60

Distribution of public-service enterprises in microdistricts. O. Malashenko. Zhil.-kom. khoz. 10 no. 4:6-8 '60.

Economic and aesthetic aspects of urban construction O Malyshenko. Stroi i arkhit 8 no 3 16-18 Mr '60

Editorial. Zhil. stroi. no. 3:1 Mr '60.

Eliminate shortcomings in building cities. K. Lagutin. Zhil.-kom. khoz. 10 no. 4:3-4 '60.

Estimating the population in planning cities. A. A. IUnina. Probl. Sov. gradostroi. no. 8:92-101 '60.

Important problems in the economics of urban development. B. Svetlichnyi, A. IUnina. Ekon. stroi. no 3: 28-35 Mr '60.

Improving designs of dwellings and the planning of large residential blocks. S. V. Vasil'kovskii. Stroi. i arkhit. Len. 22 no. 3:17-23 '60.

Institute of Urban Development and Regional Planning. K. A. Derzhinskii Izv. ASIA no 4:161-162 '59.

Main lines of our urban development. V. A. Kucherenko. Izv. ASIA no. 4 4-10 '59.

Modern urban development. N. V. Baranov. Probl. Sov. gradostroi. no. 8:3-46 '60.

Modern urban development and requirements concerning building materials. A. N Popov. Stroi mat 6 no. 3 1-3 Mr '60

Objectives of socialist urban development. V. Shkvarikov. Stroitel' no. 4:3-4 Ap '60.

Pay daily attention to the improvement of and building on central plots of state farms. Sil'. bud. 10 no. 6:1-2 Je '60.

Reconstruction of residential blocks in rural settlements. D. Zhmudskii. Zhil. stroi. no. 3:12-13 Mr '60.

Role of the chief architect in urban construction. P Shpara Stroi. i arkhit. 8 no. 3,12-13 Mr '60.

Significance of the number of stories of apartment houses for the municipal economy. E. IA. Vol'fenzon. Probl. Sov. gradostroi. no. 8:105-116 '60.

Solicitude for the welfare of the people is the basis of Soviet urban development Arkhit. SSSR no 6 1-3 '60.

Some problems in the further development of Soviet urban construction. A. Kas'ianov. Stroi. i arkhit 8 no. 3:19-21 Mr '60.

Soviet city planning at the present stage. B. Svetlichnyi. Vop. ekon. no. 7.48-60 Jl '60.

These are the towns we are going to live in! N. Svetlova. Ogonek 38 no. 14:16-17 Ap '60.

Urgent problems in planning and building villages. V Moshchil'. Stroi. i arkhit 8 no 3 15-16 Mr '60.

What a residential microdistrict should be. A Galaktionov, L. Tatarzhinskii. Arkhit. SSSR no 3 9-16 '60.

CITY PLANNING—CONGRESSES

Geographical conference devoted to satellite towns. V. Varlamov, B. Khorev, E. Shatsillo. Izv. AN SSSR. Ser. geog. no. 3 162-164 My-Je '60.

CIVIC CENTERS

The civic center of a small town and its construction according to standard plans. Z. N. IArgina. Probl. Sov. gradostroi. no. 8:117-128 '60.

kova. Probl. Sov. gradostroi. no. 8 129-144 '60.

CIVIC IMPROVEMENT see subdivision under Krasnyy, Luch; Zaporozh'ye

CIVIL DEFENSE

Fedorov, V. I. [Defense against the means of mass destruction] Zashchita ot sredstv massovogo porazheniia. Moskva, Uchpedgiz, 1959. 60 p.
(DS)

CIVIL ENGINEERING

Poliakov, P. I., L. U. Seliukov, and S. I. Shchirin. [Geodetic measurements made during the process of construction in industrial and civil engineering, manual for construction engineers] Geodezicheskie razbivochnye raboty v promyshlennom i grazhdanskom stroitel'stve; spravochnoe posobie dlia inzhenerov-stroitelei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 178 p.

CIVIL ENGINEERING—CONGRESSES

Eighteenth Scientific Conference of the Leningrad Institute of Construction Engineering M I Ass, L D Pashkov Vod i san tekh no 6 37-38 Je '60

CIVIL PROCEDURE

Chechot, D M [Contesting parties in civil procedure] Uchastniki grazhdanskogo protessa Moskva, Gos. izd-vo iurid lit-ry, 1960 189 p

How we improve the examination of civil cases. N. Shvaniukov. Sov. iust. no 2:17-21 F '60.

CIVIL RIGHTS

(see also subdivision under San Francisco; Spain)

Fundamental rights of Soviet citizens [with summary in English] A. I Denisov. Vest. ist. mir. kul't. no. 1 3-19 Ja-F '60.

CIVILIZATION

Man of the future. G. Gak. Kul't. i zhizn' 4 no. 2:25-29 '60.

CIVILIZATION, INDIC

India in the perspective of a dialogue with the Western world, based on "Comprendre's" questionnaire Vest. ist mir kul't. no. 1 20-22 Ja-F '60

A study of the role of the religious mystical tradition of Indian culture in world culture [with summary in English]. N. P. Anikeev. Vest. ist. mir kul't no. 1 22-38 Ja-F '60.

CIVILIZATION, MYCENAEAN

"Documents in Mycenaean Greek, three hundred selected tablets from Knossos, Pylos and Mycenae with commentary and vocabulary Foreword by A. J. B Wace," by M Ventris, John Chadwick, "The decipherment of Linear B" by J. Chadwick [both in English]. Reviewed by S. IA. Lur'e Vest. drev ist. no. 1 132-144 '60

CIVILIZATION, ORIENTAL

Contribution of Oriental peoples to the history of world culture. V. M. Shtein. Uch zap. Inst. vost 25:319-352 '60.

CIVILIZATION, SEMITIC—BIBLIOGRAPHY see Bibliography—Civilization, Semitic

CLASSIFICATION—BOOKS

Classification system for the literature on meteoritics. K. P. Massal'skaia. Meteoritika no 17.143-158 '59

CLAVICLE—DISLOCATION

Modification of the treatment for dislocations of the calvicle. S. E. Kashkarov. Trudy Len gos. nauch.-issl. inst. travm. i ortop. no. 7:298-301 '58.

CLAVICLE—FRACTURE

Intramedullary osteosynthesis with a rod from a heterogenous peritoneum in fractures of the clavicle P. I. Poliakov Zdravookhranenie 2 no 6:18-21 N-D '59.

CLAY

(see also subdivision under Russia, Northwestern, West Siberian Plain, White Russia)

Effect of changing viscosity in the temperature range of 800°-1200° on the caking and expanding of low-melting clays. V. F. Pavlov Stek. i ker. 17 no. 3,21-25 Mr '60.

Effect of sodium oleate on the viscosity of the critically deformal structure of clay suspensions. L. A. Abduragimova. Azerb. khim. zhur no. 1:19-22 '59.

Effect of vibration on clay soils; filling and emptying of capillaries. V. N. Evreinov. Trudy LIIZHT no. 165 50-55 '59.

Mechanism of the protective action of surface active agents on disperse clay systems. A. K. Miskarli, A. M. Bairamov Dokl. AN Azerb SSR 16:13-17 '60.

Physical and chemical factors in the expansion of clay in making keramzit. L. M. Bliumen. Stek. i ker. 17 no. 2:32-38 F '60.

Principles of effective firing of local clays and clay shale in rotary furnaces to produce keramzit. I. R. Rasulov. Izv. AN Uz. SSR. Ser. tekh. nauk no. 1:51-56 '60.

Role of organic admixtures in expanding clayey raw materials IE Kal'onov Bud mat i konstr 2 no. 1 33-34 F '60

Strengthening of the structural bonds in clay soils following electrochemical consolidation [with summary in English] G N. Zhinkin Koll zhur 22 no 1 31-36 Ja-F '60

CLAY—TESTING

Method of determining permeability to water in artificially reinforced clayey soils. E. G Borisova. Vest. Mosk. un Ser biol., pochv, geol., geog 14 no. 4 189-194 '59

New method and apparatus for determining the plasticity of clays M IA. Golovanova, A V Golovanov. Stroi mat 6 no 3 35-37 Mr '60

CLAY—THERMAL PROPERTIES

Temperature dependence of some structural and mechanical characteristics of clay pastes [with summary in English] V. B Chernogorenko Koll zhur 22 no 1 101-105 Ja-F '60

CLAY INDUSTRIES see subdivision under Kuybyshev

CLAY INDUSTRIES—EQUIPMENT AND SUPPLIES

The SM-592 continuous apparatus for dehydrating clay suspensions. A. Hel'tman Bud mat i konstr. 2 no 1 60-61 F '60

CLAY PIPE see Pipe, Clay

CLEANING AND DYEING INDUSTRY see subdivision under Rybinsk

CLEANING COMPOUNDS

"Alcohol error" in the determination of sodium carbonate in cleaning compounds M. P. Bespiatov, M. V Voevodina, O V. Rits Masl.-zhir. prom. 26 no. 6 25-26 Je '60.

Effect of some synthetic detergents on changes in the properties of cotton fabrics N A Arkhangel'skii Sbor. nauch. rab. INKII no. 16 20-35 '59

Preventive means exist, why are they lacking at the plants? I Naiman. Okhr. truda i sots. strakh 3 no 2 32-33 F '60

CLEANING COMPOUNDS—TESTING

Simplified model of a machine for testing solutions of cleaning compounds V V. Veselov and others Khim. i tekh. topl. i masel 5 no. 4 63-66 Ap '60

CLEANLINESS see Hygiene

CLEARING OF LAND

Certain practices in reclaiming lands overgrown with shrubs P V Bondarenko Trudy SevNIIGIM no 15 143-154 '56.

Mechanized removal of trees and shrubs from idle lands. M. N. Seliverstov Trudy SevNIIGIM no. 14:141-151 '58.

Methods for the removal of dried vegetation following application of chemicals G IA Gal'kevich Trudy SevNIIGIM no 15 155-165 '58

CLEFT, PALATE

Use of a floating obturator for the palate in early childhood. Z. I. Chasovskaia Trudy Len. gos. nauch.-issl. inst. travm. i ortop no. 7:284-289 '58

CLEMENS, SAMUEL LANGHORNE, 1835-1910

Mark Twain R Samarin Sov Soiuz no. 4 20 '60

Mark Twain T Lanina. Kul't. i zhizn' 4 no. 4·60 '60.

Mark Twain's atheistic will S Vostokova Nauka i rel no 4 90-93 Ap '60

The most astute of all Americans. Thomas G. Buchanan. V zashch mira no. 2 34-40 F '60

CLIMATOLOGY

(see also subdivision 'Climate' under Caspian Sea region; China, Gorkiy; Pacific Ocean; Russia)

Changes in the frequency of atmospheric circulation types and their transformation in connection with solar activity over a period of many years. L. A. Vitel's. Trudy GGO no. 90:95-115 '60.

Modeled after Saturn Valentin Cherenkov Sov Soiuz no 4 33 '60

Page of open letters. Tekh. mol. 28 no. 2·30 '60.

Will the North become warmer? D. A. Drogaitsev. Priroda no. 6·35-42 Je '60

CLIMBING PLANTS

Propagation of certain species of vines by winter cuttings M D Nestsiarovich, IU A Bibikau. Vestsi AN BSSR. Ser bival nav no. 1 20-31 '60

CLINICAL MEDICINE see Medicine, Clinical

CLINICS

Ways to increase the number of beds without new construction N. Orlov. Okhr truda i sots. strakh. 3 no. 4·34-36 Ap '60

CLINKER BRICK

Mechanism of the action of boric anhydride on the reactions of clinker formation. M. F. Chebukov, V. A. P'iachev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1: 196-198 '60.

(see also subdivision under Penza)

Modified N35KhMB (A) alloy for watch mechanism spiral springs (hairs). A. K. Borisova. Sbor. trud. TSNIICHM no. 22:111-120 '59.

Percision of metric threads of watch mechanisms. A. I IAkushev, A D Nikiforov. Izv. vys. ucheb. zav., mashinostr. no. 7·84-88 '59.

Surface roughness of watch parts. V. I. Sarkin Trudy Sem po kach. poverkh. no. 1 251-258 '59

CLOSTRIDIUM OEDEMATIENS

Obtaining the toxoid of Cl oedematiens on nutritive media from the hydrolysate of casein and the study of its antigenic and immunogenic properties [with summary in English]. E. V. Vlasova, I N Vinogradova, N A Palkina Zhur mikrobiol. epid. i immun. 31 no. 2 109-114 F '60

CLOSTRIDIUM PERFRINGENS

Observations on the leukotoxic, hemolytic and lecithinase activity of toxins of Cl perfringens at various ages [with summary in English]. I A. Sytnik Zhur. mikrobiol epid. i immun 31 no. 2·100-108 F '60

CLOTHING, COLD WEATHER

All-Union Scientific and Technical Conference on cold weather protective clothing Shvein. prom. no. 1.37 Ja-F '60

CLOTHING, PROTECTIVE

For the workers of shops where high temperatures prevail. N. Sverdlina, N. Fedoseeva. Okhr. truda i sots. strakh 3 no. 2 73-74 F '60

Helmets for oil field workers. S. A. Melkumov. Bezop. truda v prom. 4 no. 3·31 '60.

CLOTHING AND DRESS

Clothes and taste. R Polianovs'ka. Znan. ta pratsia no. 3 30 Mr '60.

Good taste in clothes E Solov'eva Mast ugl 9 no 3 30-31 Mr '60

How we should dress. R. Amel'chankava. Belarus' 17 no. 2 29 F '60.

Novoderezhkin, P. I., S. S. Palladov, and I. A. Ter-Ovakimian. [Clothing and knit goods] Tovary shveinye i trikotazhnye. Moskva, Gos. izd-vo torg. lit-ry, 1959. 344 p.
(CU)

CLOTHING INDUSTRY

(see also subdivision under Georgia; Germany, East; Ivanovo Province, Novgorod; Odessa; Penza; Transcarpathia)

Answers to readers' queries. Shvein. prom. no. 1·29-30 Ja-F '60.

Basic directions in the expansion of the clothing industry for the 1959-1975 period. N. L Sotnikov. Shvein. prom. no. 1 1-3 Ja-F '60

Effectiveness of the application of new techniques. Shvein. prom. no. 1.40 Ja-F '60.

Much depends on the commodity expert. N. Belik. Sov. potreb. koop. 4 no. 2;21-22 '60.

New features in the mass production of clothing. I. Ter-Ovakimian. Sov. torg. 33 no. 3:34-37 Mr '60.

Organization of operations in sewing shops in foreign factories S. K Starshinova. Shvein. prom. no. 1 31-33 Ja-F '60.

CLOTHING INDUSTRY—BIBLIOGRAPHY see Bibliography—Clothing industry

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Device for cutting synthetic fabrics. P. Kasperavičius. Tekst. prom 20 no. 2·54-55 F '60.

Problems and means in re-equipping the clothing industry. E. A. Marakushev. Shvein. prom. no. 1:13-15 Ja-F '60.

CLOTHING INDUSTRY—LABOR PRODUCTIVITY see subdivision under Leningrad

CLOTHING INDUSTRY—PRODUCTION STANDARDS

Calculating operating time and production norms for work on presses in the clothing industry. I. Nikitina. Biul. nauch. inform.: trud i zar plata 3 no. 6.10-13 '60.

CLOTHING INDUSTRY—STUDY AND TEACHING

Greater attention should be given to vocational and technical schools. V. Chernov, Lebedev. Shvein. prom. no. 1:35 Ja-F '60.

Some problems connected with the work of technical school departments of clothing manufacture. A. IA. Dzhafarova. Shvein. prom. no. 1.34 Ja-F '60.

CLOTHING INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Vinnitsa

CLOTHING WORKERS see subdivision under Andizhan

CLOUD CHAMBER

Differential pressure spark valve. G G. Vorob'ev. Prib. i tekh. eksp no 1 141-142 Ja-F '60

Formation of an image in photographing tracks in bubble chambers IU. A. Aleksandrov and others. Prib i tekh. eksp. no 1:113-114 Ja-F '60

devices. V. V. Vladimirskii, S. IA Nikitin Prib i tekh eksp no 1 147-150 Ja-F '60

CLOUD PHYSICS

Kinetics of cloud crystallization. K. S. Shifrin, A. IA. Perel'man. Izv. AN SSSR. Ser. geofiz. no. 6:839-853 Je '60.

Method of determining the characteristics of size distribution of cloud droplets. G. T Nikandrova, IU. S. Fridman. Trudy GGO no. 102 58-62 '60.

Microstructural characteristics of supercooled clouds. G. T. Nikandrova, M. A. Khimach. Trudy GGO no. 102. 50-57 '60.

Moisture balance of clouds. V. S. Kozharin. Meteor. i gidrol. no. 6:20-24 Je '60.

Some characteristics of the state of the atmosphere during the formation of cumulus and cumulonimbus clouds. E S. Selezneva, M. P. Churinova. Trudy GGO no. 102 3-20 '60.

Studying the dissolution of convection clouds under conditions of unstable atmospheric stratification. N. S. Shishkin. Trudy GGO no. 102.21-49 '60.

CLOUDS

(see also subdivision under Arctic regions; Khabarovsk region; Soviet Central Asia)

Determining the lower limit of clouds. G. P. Il'in. Meteor. i gidrol. no. 6·24-25 Je '60.

Optimum wave length for radar detection of clouds and precipitation. E. M. Sal'man. Trudy GGO no. 102 94-101 '60.

Radiational heating and cooling of air near the surface of clouds E. A. Lopukhin. Trudy Sred.-Az nauch.-issl gidrometeor inst no 2·99-138 '59

Simple reduction of coordinates in photographic photometry of noctilucent clouds. O. B. Vasil'ev. Biul. VAGO no. 27:40-47 '60.

CLOVER see subdivision under Crimea; Kazakhstan

CLOWNS

Conference of clowns. Oleg Popov. Sov. Soiuz no. 2:50 '60.

CLUB-FOOT see Foot—Abnormities and deformities

CLUBHOUSES

Designing and building sections of club houses. G. Zen'kovich. Stroi. i arkhit. 8 no. 6,19-21 Je '60.

Plan of a village clubhouse for 300 persons [in Azerbaijani with summary in Russian]. G. M. Alizade. Dokl AN Azerb SSR 16 no 1,101-104 '60.

CLUBS

Artists' Day. L. Kafanova. Kul't.-pros. rab. 21 no. 2: 36-37 F '60.

As the heart commands..., a survey of letters. I. Vasil'ev. Klub 9 no. 3;34-35 Mr '60.

The club is locked. I. Rubanovich. Kul't.-pros. rab. 21 no. 2;38-39 F '60.

District club for rural youth is good but it's possible to do something different. IU. Filin, V. Fil'ko. Klub 9 no. 2;3-5 F '60.

For social leadership and independent character in club work. F. Medvedev, B. Emel'ianov. Klub 9 no. 3;1-2 Mr '60.

An hour earlier; events and the club. Klub 9 no. 1 37 Ja '60.

How do you relax? Club visitors answer this question. Kul't.-pros. rab. 21 no. 3;16-47 Mr '60.

On winter evenings. N. Ivanov. Klub 9 no. 2;2-3 F '60.

Private party business. A. Mikhailova. Kul't.-pros. rab. 21 no. 3;36-40 Mr '60.

Promoters in the Palace of Culture. V. Grinenko. Kul't.-pros. rab. 21 no. 3;32-33 Mr '60.

Remarks about propaganda in the clubs. V. Samsonov. Kul't.-pros. rab. 21 no. 2·4-7 F '60.

This is a real club. K. Shishkov. Klub 9 no. 3;4-9 Mr '60.

To arouse the interest of the people, attract them! I. Poliakova. Klub 9 no. 2;30 F '60.

What, how, why. Klub 9 no. 3;36-37 Mr '60.

When there isn't a real boss. K. Shishkov. Klub 9 no. 2;4-6 F '60.

CLUTCHES (MACHINERY)

A two-speed clutch for draw presses. I. M. Podrabinnik, G. M. Rodov. Mash. Bel. no. 6:87-89 '59.

COAL

(see also subdivision under Donets Basin; Khakass Autonomous Province, Kuznetsk Basin; Lvov-Volyn' Basin)

Comments on D. D. Ruschev's article. IU. M. Volkov. Koks i khim. no. 1;63 '60.

Expanding the use of Ekibastuz coal. A. B. Reznikov. Vest. AN Kazakh SSR 16 no. 3;34-39 Mr '60.

Production of coal and coke in the countries of the European Coal and Steel Union. Koks i khim. no. 1;62 '60.

Structure of the organic matter contained in coals. K. P. Medvedev. Koks i khim. no. 3;8-13 '60.

New method of determining the ash content of coals. E. A. Shuvalov, E. V. Ergleva, M. I. Vegner. Koks i khim. no. 1:10-11 '60.

COAL—CARBONIZATION
(see also subdivision under United States)

Certain problems in the technology of coke production. A. N. Bykov. Koks i khim. no. 1:36 '60.

Coking of coals under gas pressure. N. S. Griaznov, V. K. Petrov. Koks i khim. no. 1,30-35 '60.

Effect of the composition of coal charges on the hydrogen content of coke-oven gas. G. P. Gorovoi, M. L. Belgorodskii, G. I. Bol'shakov. Koks i khim. no. 1:12-14 '60.

Investigating the process of evolution of volatile products in coking. Wang Chang-hsiung, G. N. Makarov. Koks. i khim. no. 4:15-19 '60.

Methods of determining the heat expended in coking. R. E. Leibovich, V. A. Loites. Koks. i khim. no. 4.24-28 '60

New data on the vertical shrinkage of the charge from Kuznetsk coals. P. I. Kuperman, S. I. Sukhenko. Koks. i khim no. 4 20-24 '60.

Process of fissuring and mechanical strength of coke. O. M Denisova. Koks. i khim. no. 4 55-57 '60.

"Ways of increasing the supply of coking coal by A. A. Agroskin. Reviewed by A. S. Bruk. Koks i khim. no. 1,63 '60.

COAL—CLASSIFICATION
Supplement to Sapozhnikov's plastometric method. M. Vel'tner Koks i khim. no. 3:13-17 '60.

COAL—CONGRESSES
Results of the congress on problems in improving the quality of coal and in its more efficient utilization in the Ukrainian national economy. Dop. AN URSR no. 1:116 '60.

COAL—ELECTRIC PROPERTIES
Review of A. A. Agroskin's book "Thermal and electric properties of coals." IA. M. Obukhovskii, Z. A. Volkova. Koks. i khim. no. 4.63-64 '60.

COAL—GRADING
(see also subdivision under Pechora Basin)

Results of investigating exchange samples of coal by the method of international classification. A. I. Kozko, L. N. Konovalova. Obog. i brik. ugl. no. 11-16-23 '59.

COAL—THERMAL PROPERTIES
Review of A. A. Agroskin's book "Thermal and electric properties of coals." IA. M. Obukhovskii, Z. A. Volkova. Koks. i khim. no. 4:63-64 '60.

Thermographic analysis in the study of the coals of the oxidation zone. A. I. Khrisanfova, G. N. Soboleva, B V Semendeev. Khim. i tekh. topl. i masel 5 no. 4-33-39 Ap '60.

COAL—TRANSPORTATION see subdivision under Donets Basin

COAL, PULVERIZED
Using pulverized coal as a surface activating additive. K. P. Mashin. Avt. dor. 23 no. 6,15-16 Je '60.

COAL GASIFICATION
(see also subdivision under Shchekino)

Experience in using Bashkir brown coal briquets in a fixed-bed gas producer. G. N. Suntsov, K. V. Malikov. Gaz. prom. 5 no. 6:14-15 Je '60.

Isotope-containing molecules of the main products of fuel combustion and gasification. I. G. Petrenko. Trudy IGI 11-30-38 '59.

Rate of reaction between gases and solid carbon. P. A. Tesner. Gaz. prom. 5 no. 2:45-52 F '60.

Similitude method used in the analysis of the process of fuel bed combustion. G. IA. V'iugova, IA. I. Chesnokov. Trudy IGI 11:133-138 '59.

Stoichiometric analysis of chemical reactions in the combustion and gasification of carbon. B. M. Derman. Trud IGI 11 127-132 '59.

Study of the processes of gasification of solid fuel by the isotope method. I. G. Petrenko. Trudy IGI 11:9-22 '59.

Thermal decomposition of brown coal at different heating rates. A. P. Baskakov and others. Gaz. prom. 5 no. 6: 15-19 Je '60.

Thermodynamics of gasification processes. N. V. Lavrov and others. Trudy IGI 11:23-29 '59.

COAL GASIFICATION, UNDERGROUND
Gasification in gas flow channels using an air-steam blast enriched with oxygen. V. A. Nikolaeva. Trudy IGI 11-198-204 '59.

Reaction of conversion of methane by water vapor as applied to the underground gasification of coals. N. V. Labrov, K. B. Trifonova. Trudy IGI 11:75-81 '59.

COAL GEOLOGY
Geological structure of the coal seam is an indicator for sudden coal and gas outbursts. R. M. Krichevskii, N. R. Bel'skaia. Ugol' Ukr. 4 no. 3;22-24 Mr '60.

Relationship between the gas potential of layers and the tectonic pattern of coal deposits. K. I. Bagrintseva, V. V. Shershukov. Razved. i okh. nedr 25 no. 12:7-12 D '59.

Using the EVG-15 excavator for direct loading of coal into dump cars. I. P. Beschastnyi, A. T. Sheleat. Ugol' 35 no. 3:7-9 Mr '60.

COAL HANDLING MACHINERY
Mechanical coal leveling device A. Danchenko. Mast ugl 9 no. 2:9 F '60.

Protecting the damp coal feeders against choking (scraper type). I. P. Shamigov. Energetik 8 no. 3:8 Mr '60.

COAL MINERS
(see also subdivision under Donets Basin, Karaganda Basin; Kuznetsk Basin, Tula Basin)

Consultations Mast. ugl. 9 no 2:27 F '60.

Consultations Mast ugl 9 no. 3 26 Mr '60

Fifth plenum of the Central Committee of the Trade Union of Coal Miners Mast. ugl. 9 no 2:31 F '60.

Glorious 40th anniversary I Mikhailenko. Mast. ugl 9 no. 3 3-4 Mr '60

N. S. Khrushchev, honorary coal miner. Sov. profsoiuzy 16 no. 8:9 Ap '60.

Results of a lack of trade union control. K. Vasil'ev Mast ugl 9 no. 2.18-19 F '60

Unsuccessful re-election. I. Lototskii. Mast ugl 9 no. 3 18 Mr '60

COAL MINES—ACCOUNTING
Some problems of further consolidation of business accounting in coal mines V K Shokun Ugol' Ukr. 4 no 2 39-41 F '60.

COAL MINES AND MINING
(see also subdivision under Donets Basin; Great Britain; Karaganda Basin; Krasnyy Luch; Kuznetsk Basin; Lugansk Province, Lvov-Volyn' Basin; Magadan Province, Maritime Territory; Pechora Basin; Rumania, Upper Suyfun Basin; Ural Mountain region)

Adhere to the existing schedule strictly. A. Dovba. Sots. trud 5 no. 1-49-52 Ja '60.

All-Union scientific technical conference on removal of gases from coal seams. Bezop. truda v prom. 4 no. 3 37-38 '60.

Bread for industry. B. TSyv'ian. Sem'ia i shkola 15 no. 2 26-28 F '60.

Further improvement of means and methods for manless coal mining. V. P. Morgunov. Ugol' Ukr. 4 no. 3-46-47 Mr '60.

Making fuller use of potentialities Mast. ugl. 9 no 3 1-2 Mr '60

Provide for higher speed rates in development work N. M. Khudosovtsev. Ugol' Ukr 4 no. 2 1-4 F '60.

Sixteen tons per second Agitator no 11 15-16 Je '60

COAL MINES AND MINING—ACCIDENTS
Findings of the medical examination of injuries in coal mines and their weight in pretrial investigation. A. P. Gromov. Sov. krim. na sluzh. sled. no. 12.69-89 '59.

COAL MINES AND MINING—ACCOUNTING
Ways for the progressive strengthening of business accounting in coal mining. V. Shokun. Ekon. Rad. Ukr. no. 1-88-94 Ja-F '60.

COAL MINES AND MINING—AIR CONDITIONING
Kefer, V. N. [Mine air cooling systems] Shakhtnye vozdukhookhladitel'nye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 67 p. (Seriia lektsii po tekhnike bezopasnosti)

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—COSTS
Let's improve the planning, computing, and calculating of the cost of coal production. S. Bielkin and others. Ekon. Rad. Ukr. no. 1:95-100 Ja-F '60.

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
Picks with a longer butt end. D. Kovalev. Mast. ugl. 9 no. 2 9 F '60.

COAL MINES AND MINING—EXPLOSIVES
Response to I. E. Detistov's article "Evaluating the efficiency of explosives." B. Z. Izraelit and others. Ugol' 35 no. 3;58-61 Mr '60.

COAL MINES AND MINING—FIRES AND FIRE PREVENTION
Electric modeling of the thermal depression during underground mine fires ("Investigation of mine ventilation conditions during fires by means of electric models" by I. V. Voskoboinikov Reviewed by G. V. Shpank) Ugol' Ukr. 4 no 2:42 F '60.

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Donets Basin; Kizel)

Not a single lagging group of workers! Mast. ugl. 9 no. 2:1-2 F '60.

Utilization of work time in coal mines. A. Minevich. Sots. trud 5 no. 1.53-58 Ja '60.

Main problems in the method of working out uniform production norms for mining work in the coal mining industry. IU. Rubinskii. Biul. nauch. inform. trud i zar. plata 3 no. 6-14-17 '60.

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under China; Donets Basin, Kuznetsk Basin)

Active public workers. M. Barannikov. Bezop. truda v prom. 4 no. 3 31 '60.

Bekirbaev, D. B., and others. [Coal and rock dust control in mines] Bor'ba s ugol'noi i porodnoi pyl'iu v shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo literaturey po gornomu delu, 1959 499 p

Effect of the speed of air flow on dust and gas conditions during the operation of mining machines. A. S TSyrul'nikov, I A Ryzhenko. Ugol' Ukr. 4 no 3.24-26 Mr '60.

Efficiency promoters improve labor safety. G. Stepanenko. Bezop. truda v prom. 4 no. 3 19-20 '60.

Geological structure of the coal seam is an indicator for sudden coal and gas outbursts. R M. Krichevskii, N. R. Bel'skaia. Ugol' Ukr. 4 no. 3 22-24 Mr '60.

Power of public opinion. V. R. Romanov. Bezop. truda v prom. 4 no. 3-26 '60.

Self-ignition of coal. V Veselovskii Mast ugl. 9 no 2 24 F '60

COAL MINES AND MINING—STUDY AND TEACHING see subdivision under Donets Basin

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS see subdivision under Donets Basin

COAL MINING MACHINERY
(see also subdivision under Karaganda Basin, Pechora Basin)

Experimental determination of stresses in the working parts of mining machinery. B. A. Skorodumov. Ugol' 35 no. 3.38-40 Mr '60.

Limits of regulating the speed of mining machine feed. IA A Al'shits. Ugol' Ukr. 4 no. 3:12-18 Mr '60.

Modification of the equipment of "Donbass" cutter-loaders in order to increase the yield of large and medium class anthracite Ugol' Ukr. 4 no 3,45 Mr '60.

"Operator and mechanic of coal cutter loaders " by A. A Talyshev Reviewed by N. Shmarov Mast ugl 9 no 3 27 Mr '60

Thermal conditions of the performance of bits of cutting machines and coal combines M M Tenenbaum and others Vest mash 40 no 4 11-14 Ap '60

Using rippers for mining thin coal seams in open-pit mines. M. V. Vasil'ev, A. N. Subbotin, N. T. Kochetkov. Ugol' 35 no 3:15-18 Mr '60.

COAL MINING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Karaganda Economic region

COAL MINING MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Chelyabinsk Basin

COAL-OIL see Kerosene

COAL PREPARATION
(see also subdivision under Belgium, Czechoslovakia; Germany, West, Great Britain; Japan, Kuznetsk, Tkvarcheli; United States)

Classification screens with electrically heated sieves S A Machil'skii Obog i brik ugl no 12 36-47 '59

Coal flotation in airlift machines. V. E. Rozhnov. Obog. i brik. ugl. no. 11 28-33 '59.

Comparing the industrial indices of coal flotation in electrolytes and with sulfonated kerosene. V. S. Kharlamov. Izv. vys. ucheb. zav., gor. zhur. no. 1-138-143 '60.

Experience in cleaning unclassified coal in a jigging machine of new design. D. D. Vorob'ev and others. Koks i khim. no. 1,14-17 '60.

Graphic method of determining the results of coal crushing IU P Kurkin, V P Kunik Obog i brik ugl no 12 48-50 '59

Heating of coal in an apparatus with a directed flow of the suspended beds of coal. E. IA. Eidel'man, P. L. Novitskii, D. P. Semenenko. Koks i khim. no. 4:13-15 '60.

Introducing hydro-cyclones in coal preparation plants. M. N. Dunaev, B. S. Ordanskaia. Obog. i brik ugl. no. 11 3-6 '59.

Letter to the editor. A. Belikov. Koks i khim. no. 1:63 '60.

Optimum density of the pulp supplied for flotation. V. A. Shebanov. Koks i khim. no. 1;18-21 '60.

Permissible ash content of blast furnace coke and the optimum concentration of coking coals. S. I. Panchenko. Koks. i khim. no. 4-3-6 '60.

Possibility of using emulsifying agents in the flotation of coal slimes. N. S. Vlasova, V. I. Klassen, I. N. Plaksin. Koks. i khim. no. 4:10-12 '60.

Profitableness of briquetting Dnieper Basin lignite V N Krokhin Obog. i brik ugl no 12 30-35 '59

Reader's response to the article by V. I. Melik-gaikazian, A. A. Baichenko, and F. L. Piliasova, "Selecting an efficient defrothing arrangement for flotation separation in a coal preparation plant." Koks i khim no. 3 60-64 '60

Screen with electric heating of the VGD-2EK sieves. I. V. Ponomarev Obog. i brik. ugl. no. 11 34-35 '59.

Use of a centrifugal field for intensifying the evolution of mineralized air bubbles from the flotation pulp. V. T. Barishpolets. Koks. i khim. no. 4 6-10 '60.

COAL PREPARATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Grenoble, France)

Device for the prevention of clogging in the cyclones of gas pipedryers and control of their operation V. A. Babenko. Obog. i brik. ugl. no 11 40-41 '59.

Interfactory school for the study of modern methods of organizing the water and slurry system at coal preparation factories. G. F. Voznyi. Koks i khim. no. 1,56-58 '60.

Mechanical coal cleaning unit B. I Vakhrameev Obog i brik ugl no 12 3-11 '59

COAL PREPARATION PLANTS

Regulations pertaining to the installation of electric equipment for the coal industry. L. M. Kutovoi Prom. energ. 15 no. 3·41-42 Mr '60.

COAL TAR

Separate production of tars and detarred waxes from Ukrainian brown coals in a single technological process. I. S. Levin, T. A. Barnlakova. Trudy Inst. khim. UFAN SSSR no. 5:49-55 '59.

Utilization of heavy petroleum residues and tars in the form of fuel emulsions for burning and gasification V. M Ivanov and others. Trudy IGI 11,156-168 '59

COAL TAR—SPECTRA

Infrared spectroscopic investigation of the chemical mechanism governing the transformations of the high molecular fraction of semicoke tar under conditions of destructive hydrogenation. Z A. Okhladnikova, A. S. Nakhmanovich, N. I Shergina. Trudy Vost.-Sib fil AN SSSR no 26 39-44 '59

COAL-TAR PRODUCTS

Use of pyrolysis tars by-products of synthetic alcohol plants. A. A. Glazunov and others. Koks i khim. no 1: 44-47 '60

COAST CHANGES

(see also subdivision under Baikal, Lake; Barents Sea, White Sea)

Prognostic calculation of reservoir shore transformation V K. Rudakov. Gidr. i mel. 12 no 3 61-64 Mr '60

COATED PAPER see Paper coatings

COAXIAL CABLES

Electrodynamic calculation of a skate-shaped coaxial cable. M. V. Vamberskii. Radiotekh. i elektron. 5 no. 6:930-937 Je '60.

Leshchinskii, A. A [Calculating the basic indicators for a coaxial cable communication system] Raschet osnovnykh pokazatelei sistemy sviazi po koaksial'nomu kabeliu Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 49 p. (Lektsii po tekhnike sviazi)

Nonlinear interferences in the linear channel of a coaxial cable with simultaneous transmission of telephone and television signals A K Oksman Elektrosviaz' 14 no 3 34-43 Mr '60

Transmission parameters of a low-frequency TG cable in a frequency range up to 600 KC B Z Tomchin. Elektrosviaz' 14 no. 4 72 Ap '60.

Use of a coaxial line in measuring magnetic permeability and dielectric permittivity IA N. Kolli Izv. vys ucheb zav., radiotekh 2 no 6 658-671 N-D '59

COBALT

Cobalt requirements of milk cows. R. N. Odynets, P. P. Valuiskii. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1· 127-139 '59.

Treatment of trigeminal neuralgia with cobalt preparations. F T. Abdukhakimov. Med. zhur. Uzb. no. 10·7-10 O '58.

COBALT—ANALYSIS

Fractional detection and determination of cobalt in legal chemical investigations. L. T. Ikramov. Sud.-med. ekspert. 2 no. 2:23-29 Ap-Je '59.

COBALT—PHYSIOLOGICAL EFFECT

Effect of cobalt on the cholinesterase activity of the blood M M Kichyna Vestsi AN BSSR Ser biial nav no 1,78-84 '60

COBALT ALLOYS—METALLOGRAPHY

Investigating changes of the fine intergranular structure of complex cobalt-base alloys (K4)NKhM) during plastic deformation and annealing. IU. A. Skakov, IA S. Umanskii. Izv. vys. ucheb. zav., chern. met. no. 5· 150-158 '60.

COBALT IN THE BODY

Changes in the cobalt content of the blood and organs of dogs in radiation sickness [with summary in English]. H. O Babenko. Ukr. biokhim. zhur. 32 no. 1·93-99 '60.

alloys

COBALT-NICKEL-CHROMIUM ALLOYS

Use of the K40NKhM alloy for watch springs. A. S. Boleukh, E. P. Belova, V. A. Sol'ts. Sbor. trud. TSNIICHM no. 22·57-70 '59.

COBALT-NICKEL-CHROMIUM ALLOYS—HARDENING

Hardening of the K40NKhM alloy for springs. M. M. Borodkina, N. G. Makhukov, V. A. Sol'ts. Sbor. trud. TSNIICHM no. 22·81-90 '59.

COBALT-NICKEL-CHROMIUM ALLOYS—METALLOGRAPHY

Structural transformations in the K40NKhM alloy in the hot deformation temperature range. M. M. Borodkina, S. A. Golovanenko, V. A. Sol'ts. Sbor. trud. TSNIICHM no. 22 71-80 '59.

COCCYX—DISEASES

Suppurative processes of the epithelial ducts of the coccygeal region D. M TSerentsian Zdrav Belor 6 no 2 42-43 F '60

COCKCHAFERS see subdivision under Kursk Province

COD FISHERIES see subdivision under Baltic Sea

CODEINE

Method for determining the codeine in medicinal mixtures [with summary in English]. I. IA. Gurevich, IA. M. Perel'man. Apt. delo 9 no. 2 14-19 Mr-Ap '60.

CODEINONE

Hydrogenation of hydroxycodeinone. A. M. Sokol'skaia, N. P. Vdovenko Vest. AN Kazakh. SSR 16 no. 2·44-48 F '60.

CODFISH see subdivision under Baltic Sea

COELENTERATA, FOSSIL see subdivision under Russian Platform

COFFERDAMS

IAkobson, A G., and others. [Construction of cofferdams on the Volga River at the site of the Stalingrad Hydroelectric Power Station, designing and studying construction sites from the point of view of engineering geology] Perekrytie rusla Volgi v stvore Stalingradskoi GES, opyt proektirovaniia, inzhenerno-gidrologicheskikh issledovanii i nabliudenii Moskva, 1959. 88 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

COKE

(see also subdivision under Dnepropetrovsk)

Indices of strength of coke. S. A. Shvarts. Koks i khim. no. 1:27-30 '60

Ostroukhov, M. IA. [Saving of coke in blast furnaces] Ekonomiia koksa v domennoi plavke. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 142 p

Process of fissuring and mechanical strength of coke. G M. Denisova. Koks. i khim. no. 4:55-57 '60

Production of coal and coke in the countries of the European Coal and Steel Union. Koks i khim. no. 1,62 '60.

Shape of the fragments and the size distribution of coke. B. V. Shemeriankin. Koks. i khim. no. 4 30-33 '60.

COKE—ANALYSIS

Permissible ash content of blast furnace coke and the optimum concentration of coking coals. S I Panchenko. Koks. i khim. no. 4·3-6 '60.

COKE INDUSTRY

(see also subdivision under Czechoslovakia; Korea, North, Poland)

Objectives of the coke industry in 1960. Koks i khim. no. 1 3-5 '60.

COKE INDUSTRY—BIBLIOGRAPHY see Bibliography—Coke industry

COKE INDUSTRY—BY-PRODUCTS

(see also subdivision under Germany, West; United States)

At the All-Union Scientific Research Institute for Production and Labor Organization in Ferrous Metallurgy. G. P. Peichev, Koks i khim. no. 3:56 '60

Certain methods of analysis used in the control of by-product coking. A. M. Rozina, N. I. Amitina. Koks i khim. no. 1,49-51 '60.

Improving methods of determining the total sulfur content of liquid products of by-product coking. E. D. Levin, I. G. Pravdivyi. Koks i khim. no. 1,48-49 '60.

Improving the accuracy of a laboratory method of determining the yields of coking by-products. M. S. Kotelenets, A. I. Zolotukhin Koks. i khim. no 4:41-44 '60.

"Intensifying the operation of benzene sections in by-product coking plants" by K. A. Belov, S. N. Lazorin. Reviewed by M. M Dmitriev. Koks. i khim. no. 4,61-63 '60.

Use of pyrolysis tars by-products of synthetic alcohol plants. A. A. Glazunov and others. Koks i khim. no. 1: 44-47 '60.

Koks i khim. no. 1:52-55 '60.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Cherepovets

COKE-OVEN GAS

(see also subdivision under Kemerovo; Rutchenkovo)

Catalytic isomerization of meta-xylene in the presence of coke-oven gas under pressure I I. Eru, A. A. Lange, V. A. Timoshenko Koks i khim. no. 3 51-53 '60.

Ethylene from coke-oven gas. N. S. Torocheshnikov, A. P. Dariusin. Khim. prom. no. 8:658-665 D '59.

New method of recovering ammonia from coke-oven gas. G. D. Kharlampovich, M. V. Goltman, N. D. Rus'ianova. Koks. i khim. no. 4 34-39 '60.

Study of the combustion of coke-oven gas in coke-oven flues A. F. Buletskaia. Koks i khim. no. 3,22-28 '60.

COKE-OVEN GAS—ANALYSIS

Method of determining nitric oxide in coke-oven gas. N A. Gruzdeva, L. A. Khokhlova. Koks. i khim. no. 4 44-48 '60.

COKE OVENS

(see also subdivision under Kaliningrad; Kemerovo; Kramatorsk; Nizhniy Tagil; United States; Yasinovka, Zaporozh'ye)

Control of the air supply for heating P. K. coke ovens, based on rarefaction in gas regenerators. IU. K Nikitin. Koks i khim no. 3·31-33 '60.

Effect of the heat of combustion and of the moisture of blast-furnace gas and air on the hydraulic regime of coke ovens V. V. Kuz'mina. Koks i khim. no. 3,18-22 '60

Improvement of the performance and refractory qualities of Dinas mortars. V. D. TSigler, B. E. Pindrik. Koks i khim. no. 3·28-31 '60.

Manufacture of high duty dinas bricks for coke oven ports. D. I. Pankratov, G. B. Taubin. Ogneupory 25 no. 1:10-13 '60.

COKE OVENS—CONGRESSES

In the All-Union By-Product Coking Section of the Scientific and Technical Society of Ferrous Metallurgy. M. TS. Koks. i khim. no. 4:53-55 '60

COLCHICINE

Chromatographic separation on paper of colchicine and colchamine. V. M. Salo. Med. prom. 14 no. 1·30 Ap '60.

COLCHIS—CITIES AND TOWNS, ANCIENT

Character of the development of the cities of northern Colchis in antiquity. M. P. Inadze. Soob. AN Gruz. SSR 23 no. 6·767-774 D '59.

COLD—PHYSIOLOGICAL EFFECT

Influence of low temperature and of the concentration of the reagent in the determination of sulfhydryl groups by sodium nitroprusside I. N. Mironchik. Zdrav. Belor 6 no 2 44-46 F '60

COLD STORAGE

Underground cold storage Nauka i zhizn' 27 no. 3 23 Mr '60

COLD WEATHER OPERATIONS (MILITARY) see Winter warfare

COLITIS

Clinical aspects of right-sided colitis. A. A. Askarov, IU. V IAkhontova, K. M. Parpiev. Med. zhur. Uzb. no. 8/9:18-23 Ag-S '58.

COLLECTIVE FARMS

(see also subdivision under Buryat-Mongolia; Cherkassy Province; Chutovo District; Korenovskaya District; Kuntsevo District; Leningrad Province; Moscow Province; Ossetia; Rumania; Russia, Northwestern; Ryazan Province; Tambov Province, White Russia; Zaporozh'ye Province, Zolochev District)

After the plenum. B. Kuz'min, V. Petrov. Sov. iust. no. 3·1-9 Mr '60.

Analysis of work expended for various tasks on collective farms. V. Morozov. Ekon. sel'khoz. 31 no. 2:87-92 F '60.

Combined expedition to Lyesovody, a collective farm village. Dm. Kosaryk. Nar. tvorch. ta etn. 3 no. 4: 161-162 O-D '59.

Collective farm brigade councils as a new unit of the management system of artels. M. A. Grigorovich. Sov. gos. i pravo no. 6,117-119 Je '60.

Development of socialist property and the process of collectivized labor in collective farm production. A. Voronin, R. Ivanova Sots. trud 4 no. 12:3-12 D '59.

Economic relations between workers and peasants in the present-day phase of communist society. V. M. Alekseeva. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. no. 2, 30-55 '60.

Effectiveness of measures for the improvement of economic management. F TSybul'ko, K. Selikbanovich. Ekon. sel'khoz. 31 no. 3:66-72 Mr '60.

Growing funds of communal consumption and the rising standard of living of collective farmers. I. Piontkovs'kyi Ekon. Rad. Ukr. no. 1·77-81 Ja-F '60.

[illegible]

Debts of [illegible] for collective farm finance. D.A.Edel'man. [illegible] 17 no.3:26-37 Mr '60.

[illegible] production units of a [illegible] farm. [illegible] [illegible] 17 no.6 [illegible]

[illegible] an important [illegible] collective farm finance. [illegible] 17 no.6 [illegible]

[illegible] collective farm [illegible] Mr '60.

[illegible] collective farm funds. M.[illegible] Vop [illegible]

[illegible] and improving the col[illegible] [illegible]

[illegible] farm [illegible] differential rent [illegible]

[illegible] production units of a [illegible]

[illegible] and payment opera[illegible] [illegible]

[illegible] farm [illegible] Mr [illegible]

[illegible]

[illegible]

[illegible]

COLOR, MARIE ANNE, 1748-1821

An unknown work by Marie Anne Collot. Zh. Matsulevich. [illegible] no.10:20-21 '59.

COLON (ANATOMY) DISEASES

Polyposis of the large intestine with prolapse of the rectum. Kh.Kh.Petlem. Khirurgiia 35 no.12:91-94 D '59.

COLOR PHYSIOLOGICAL EFFECT

Color schemes to aid production. [illegible] [illegible] no.1:30-31 Ja '60.

COLOR MOTION PICTURES

Colored and black and white films. Maria Merkel'. Isk. kino no.1:[illegible] 51 Ja '60.

COLOR OF FLOWERS

Color variation of the inflorescence in dahlias reproduced by seed. [illegible] [illegible] Trudy Alma-Atinskogo [illegible] '60.

COLOR OF PLANTS

Diurnal dynamics of pigments in plants of polar regions [with summary in English]. A.A.Chaikov, N.P.Mi[illegible], V.F.Chaikov. Izv. AN SSSR Ser. biol. no.2:[illegible] Mr-Ap '60.

COLOR PRINTING

Expand the use of the progressive method of masking. Poligr.proizv. no.2:7-9 F '60.

Methods for controlling color separation. M.M.Belov[illegible]. Poligr.proizv. no.2:9-11 F '60.

Using colorimetric and densitometric methods in analyzing printed material. I.B.Faltberg. Poligr.proizv. no.2:11-16 F '60.

Using densitometry and colorimetry in the printing industry. I.B.Faltberg. Poligr.proizv. no.3:[illegible] Mr '60.

COLOR TELEVISION

Color television. M.[illegible] Radio no.1:40-43 Mr '60.

[illegible] at the Exhibition of Achievements of the National Economy of the U.S.S.R. [illegible] [illegible] Mr '60.

[illegible] [illegible] no.[illegible] Mr '60.

COLORIMETRY

Using densitometry and colorimetry in the printing industry. I.B.Faltberg. Poligr.proizv. no.3:[illegible] Mr '60.

COLORIMETRY

[illegible] determination of [illegible] platinum in [illegible] solutions [with summary in English]. A.A.[illegible] [illegible] '60.

[illegible] of the concentration of [illegible] [illegible] M.M.[illegible] [illegible] Mr-Ap '60.

[illegible] methods for determining the [illegible] different colorimeters. I.A. [illegible] no.1:[illegible] '60.

Modified method for the colorimetric determination of potassium in blood serum, other tissues, and organic substances. S.I.Vishnyakov. Lab.delo 6 no.2:17-20 Mr-Ap '60.

Photocolorimetric method of determining the activity of [illegible] extract. P.G.Bandl[illegible], T.M.Kogan. Med. [illegible] 14 no.1:42-44 Mr '60.

Photocolorimetric method for determining the glycosides [illegible] M.[illegible], L.M.Kogan. Med. [illegible] 14 no.1:[illegible] Ap '60.

Using colorimetric and densitometric methods in analyzing printed material. I.B.Faltberg. Poligr.proizv. no.2:11-16 F '60.

COLUMBATES see Niobates

COLUMBUS, CHRISTOPHER, 1446 or 1451 - 1506

Columbus and Magellan. I.P.Magidovich. Geog.v shkole 23 no.2:11-20 Mr-Ap '60.

COLUMNS, CONCRETE

Bearing capacity of elastic eccentrically compressed [illegible] concrete columns. N.A.Chistiakov. [illegible] no.2:[illegible] F '60.

Using jigs in mounting reinforced concrete columns. [illegible] no.[illegible]:21-28 '59.

Using [illegible] methods in making columns. I.[illegible]. [illegible] 8 no.2:[illegible] F '60.

COMBINE MACHINES see subdivision under China

Combustion of liquid fuel and the simultaneous vaporization of atomized water in a common reaction zone. V. M. Ivanov. Trudy IGI 11.169-187 '59.

Experimental investigation of the processes of combustion and heat exchange in burning pulverized liquid fuels in a cylindrical combustion chamber under pressure. G. N. Deliagin Trudy IGI 11 113-126 '59.

Experimental study of the effect of excess air on the combustion of a stream of pulverized solid fuel. A. P. Finiagin Trudy IGI 11:82-90 '59.

Investigating the regularity of movement of an atomized stream of liquid. A. S. Lyshevskii. Izv vys. ucheb. zav.; energ. 3 no. 6 136-144 Je '60.

Konferentsiia, posviashchennaia izucheniiu isparenila i gorenila v dispersnom vide. Odessa, 1958. [Abstracts of reports at the Conference Devoted to the Study of Evaporation and the Combustion of Dispersed Material] Tezisy dokladov, 13-19 noiabria 1958 g. Odessa. Odesskii gos. univ., 1958. 32 p.
(MH)

Using high-speed cinematography for investigating aerodynamic and combustion processes S V Bukhman Usp nauch fot 6 212 '59.

COMBUSTION, SPONTANEOUS

Self-ignition of coal V Veselovskii. Mast ugl 9 no. 2·24 F '60

COMBUSTION RESEARCH

Effect of pressure on the velocity of laminar and turbulent burning V P Karpov, A S Sokolik Dokl AN SSSR 132 no 6 1341-1343 Je '60

[Problems in the combustion of rocket fuels, collection of translated articles. Preface by V. A. Popov] Voprosy gorenila raketnykh topliv, sbornik perevodov. Pod red. V. A. Popova. Moskva, Izd-vo inostr. lit-ry, 1959. 456 p.

COMETS

Investigating the motion of Faye's comet Communication No 2 Orbit of Faye's comet according to observations in 1932-1933, 1939-1940, 1947-1948 [with summary in English] F B Khanina, O N Barteneva Biul Inst teor. astron 7 no 6 466-477 '59.

Photographic photometry of Arend-Roland's comet (1956h) and Mrkos' comet (1957d) S. K. Vsekhsviatskii, L. I. Danilenko Astron tsir no. 204 6-7 S '59

Shape of the envelopes of comets [with summary in English]. L. S. Marochnik. Astron. zhur. 37 no. 3,508-512 My-Je '60.

COMETS—1957

Observations of Mrkos' comet (1957d). L Novoborskaia Astron tsir no 204 5-6 S '59

COMETS—1959

Alcock's comet (1959e). Astron tsir no 204:1 S '59.

Brightness of the Giacobini-Zinner's comet (1959b) S. K. Vsekhsviatskii Astron tsir no 207-2-3 D '59

Elements and ephemeris of the comet 1959e Astron. tsir no 204 1-2 S '59.

Giacobini-Zinner's comet (1959b) Astron. tsir. no 204 2-3 S '59.

Giacobini-Zinner's comet (1959b). E Vorob'eva, IU. Evdokimov. Astron. tsir. no 205·5-6 O '59

Integral brightness of Giacobini-Zinner's comet (1959b) A. M. Bakharev Astron tsir. no 207 4-5 D '59

Observation of Alcock's comet (1959e) on the short-focus astrograph at Pulkovo T. Kiseleva. Astron tsir no 205 5 O '59

Observations of Alcock's comets (1959e) and (1959f) in Ashkhabad A P Savrukhin Astron tsir. no 207 1-2 D '59

Observations of Alcock's comet (1959e) in Moscow D. N. Ponomarev. Astron tsir no. 207·3-4 D '59

Photographic observations of Alcock's comet (1959e) in Pulkovo N M. Bronnikova. Astron tsir no 205 4 O '59

The second Alcock's comet (1959f) Astron tsir no. 204 2 S '59

COMMANDMENTS, TEN

Ten commandments. I. A. Kryvelev. Nauka i rel. no. 2· 40-42 O '59.

COMMERCE

Concerning some definitions of Soviet trade. I. Miakotin. Sov. torg. 34 no. 3,50 Mr '60.

Frei, L. I. [International clearing and the financing of foreign trade in socialist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli sotsialisticheskikh stran. Moskva, Vneshtorgizdat, 1960, 228 p.

Moscow. Nauchno-issledovatel'skii kon''iunkturnyi institut. [Economics of capitalist countries, a survey] Ekonomika kapitalisticheskikh stran, obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1953. 1 v.
(CSt-H)

Much depends on the commodity expert. N. Belik. Sov. potreb koop. 4 no. 2,21-22 '60.

Planning the network of warehouses. A. Polovnikov. Sov. potreb. koop. 4 no. 2:38-40 '60.

Valuable book on the economics of the foreign trade of capitalist countries ("Foreign trade of capitalist countries during the first stage of the general crisis of capitalism" by I. M. Braslavskii Reviewed by L. E Horielik. Visnyk AN URSR 29 no 8 70-73 Ag '58.

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh. torg 30 no. 6:50-51 '60.

COMMERCIAL ART

Competition for the best design of a cover for "Stroitel'stvo i arkhitektura " Stroi. i arkhit. 8 no 3·32 Mr '60

COMMERCIAL LAW

Discussion on problems of economic legislation. G. V. Mutsinov. Sov. gos. i pravo no. 6·127-128 Je '60.

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin] Novye tovary, informatsionnyi biulleten' no. 6 '60.

[New consumer goods; information bulletin.] Novye tovary, informatsionnyi biulleten' no 7 '60.

COMMERCIAL STATISTICS—YEARBOOKS

State and cooperative trade in the statistical yearbook for 1958. L. Genkina. Sov. potreb. koop. 4 no. 2;46-47 '60.

COMMONWEALTH OF NATIONS

The British Commonwealth of Nations and racism S. Madzoevskii. Mezhdunar zhizn' 7 no 6·117-119 Je '60

COMMUNICABLE DISEASES

(see also subdivision under Chita; Siberia, Western, Ukraine)

The attack on infection continues. V. M. Zhdanov. Priroda no. 6;23-26 Je '60.

Role of vaccinations in the elimination and reduction of infectious diseases in the U S.S.R. [with summary in English]. I I Rogozin, A A. Sinitskii. Zhur. mikrobiol. epid. i immun. 31 no. 2·3-7 F '60.

COMMUNICABLE DISEASES—CONGRESSES

Congress on the problems of hygiene and the prevention of infectious diseases in Dresden. I. L. Bogdanov. Vrach. delo no. 2;209-211 F '60.

COMMUMICABLE DISEASES—PREVENTION

Campaign for decreasing and eliminating infectious diseases. L. A. Sakvarelidze. Med. sestra 19 no. 4:3-6 Ap '60.

Some mistakes in antiepidemic tactics in connection with the rise of sporadic infectious diseases. V. K. Vinzhevich. Med. sestra 19 no. 4:35-37 Ap '60.

COMMUNICABLE DISEASES IN ANIMALS

Distribution of zoonoses in foreign countries [with summary in English]. S M. Smirnov. Zhur mikrobiol epid. i immun. 31 no. 2 128-133 F '60.

Experimental infection of foxes (Vulpes vulpes) and wood mice (Apodemus flavicollus) with the causative agent of Q fever. F. Rehn [from Cesk. Epid., Mikrob, Imunol, 1958, 7, 5, 317-320]. Zhur. mikrobiol. epid i immun. 31 no. 2 153-154 F '60.

COMMUNICATIONS, MILITARY

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Manual on the design and operation of the ST-35 telegraph apparatus] Telegrafnyi apparat ST-35; rukovodstvo po ustroistvu i ekspluatatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 180 p. (Material'naia chast' sredstv i sviazi)

COMMUNISM

(see subdivision under China; Hungary, Japan)

Academic sessions dedicated to the 90th anniversary of V. I. Lenin's birth. M. P. Gapochka, Zh V. Konstantinov, I. S. Korzheva Vop. filos 14 no. 6;147-152 '60

All-conquering theory of Marxism-Leninism. V. Gabunia. Mol. komm. no. 3;17-25 Mr '60.

Along the Lenin path to communism. Prep. ist. v shkole 15 no. 2;3-9 Mr-Ap '60.

Azizian, A. K. [Socialist nations during the period of the large-scale building of communism] Sotsialisticheskie natsii v period razvernutogo kommunisticheskogo stroitel'stva. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 1, Istoriia, no. 17)

Borisov, A. A. [Complete and final victory of socialism in the U.S.S.R.] Polnaia i okonchatel'naia pobeda sotsializma v SSSR. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 55 p.

Correlation between the base and political and legal superstructure under socialism. V. S. Zherebin. Trudy TMI no. 13·29-57 '59.

Filimonov, N. P. [New phase in the carrying out of Lenin's idea of building communism] Novyi etap v osushchestvlenii leninskikh idei postroeniia kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1959. 54 p

Fundamentals of Marxism and Leninism. Reviewed by N. G. Tur'ian. Prep. ist. v shkole 15 no. 2;104-108 Mr-Ap '60

Gal'diaev, P. K. [What is scientific socialism] Chto takoe nauchnyi sotsializm. Moskva, Gos. izd-vo polit. lit-ry, 1959. 65 p.

Historical inevitability of the dictatorship of the proletariat. E. M. Pen'kov. Trudy TMI no. 13;3-28 '59.

History of the CPSU and our time. B. Ponomarev. Kommunist 37 no. 11·11-26 Jl '60.

"Interrelationship of city and village during the period of the transition from capitalism to socialism and under socialism" by S. A. Badalian. Reviewed by Z. G. Bashindzhagian. Izv. AN Arm. SSR. Obshchestv. nauki no. 11/12.111-114 N-D '59.

Invigorating and victorious ideas of Lenin. Komm. Ukr. 35 no. 3·31-42 Mr '60.

Karapetian, L. M. [Development of democracy under the conditions for the building of communism] Razvertyvanie demokratii v usloviiakh stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 17)

Lenin and the present. Kul't. i zhizn' 4 no. 4:3-7 '60.

Lenin's doctrine of the socialist state. IU. V. Todorskii. Prep. ist. v shkole 15 no. 2:22-23 Mr-Ap '60.

Lenin's theory of state capitalism in the transition period and its international significance [with summary in English]. M. V. Zakharova. Vest. LGU 15 no. 11:13-23 '60.

Lenin's writings on the unity of the working class. I. S. Galkin. Vest. Mosk. un. Ser. 9· Ist. nauki 15 no. 2;5-14 Mr-Ap '60.

Marxist-Leninist conception of the categories "base" and "superstructure. " Z. Kuli-zade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no 1:101-110 '60.

More alive than all who live. Smena 37 no. 8:2 of cover, 1 Ap '60.

Possibility and reality in the building of communist society. V. V. Gromakov, A. V. Orlov. Vest. Mosk. un Ser. 8: Ekon. filos. 15 no. 3·38-50 My-Je '60.

Revisionism is the foe of communism. D. Kh. Ostrianyn. Visnyk AN URSR 29 no. 8·3-13 Ag '58.

Shoulder to shoulder along the same path. Ogonek 38 no. 16·6-7 Ap '60.

Stepanov, V. P. [Promoting the Marxist-Leninist theory in newspapers, a lecture delivered at the Higher Party School attached to the Central Committee of the CPSU] Propaganda marksistsko-leninskoi teorii v gazete; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 37 p.

Strengthening of the unity and solidarity of our people as a general feature of the transition from socialism to communism. S. A. Kugel'. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. no. 2;85-107 '60.

To the Central Committee of the CPSU. Vest. AN SSSR 30 no. 6.3-4 Je '60.

Triumph of free, human intelligence. Nauka i rel. no. 3: 3-6 N '59.

The 20th Congress of the CPSU on the forms of the transition of different countries to socialism. I. V. Mironov. Sbor. nauch. trud. Bel. politekh. inst. no. 71·5-20 '59.

Under the banner of Leninism. F. N. Petrov. Ogonek 38 no. 16:1 Ap '60.

V I. Lenin and the development of communism in the U. S. S R. P. N. Pospelov Vest AN SSSR 30 no 6 7-20 Je '60.

V. I. Lenin's development of the theory of scientific communism [with summary in English]. V. P. Roshin. Vest. LGU 15 no. 11:38-48 '60.

[We study communist theory and are building communism; collected articles to aid propagandists and members of Communist Youth League groups that study the theme "Communism as a practical objective of our generation "] Uchimsia kommunizmu— stroim kommunizm, sbornik statei v pomoshch' propagandistam i slushateliam komsomol'skikh politkruzhkov "Kommunizm — prakticheskaia zadacha nashego pokoleniia. " [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia, " 1960. 237 p.

Zamyslova, Z. A. [Historical significance of the Great October Socialist Revolution] Vsemirno-istoricheskoe znachenie Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956. 30 p.

COMMUNISM AND LITERATURE

Victorious theory in Leninism. Rad. lit. no. 2;3-7 Mr-Ap '60.

COMMUNISM AND RELIGION

Orthodox morals, yesterday and today. A. I. Rakitov. Nauka i rel. no. 3:30-34 Mr '60.

COMMUNISM AND ZIONISM

In the service of imperialism. H. Rusakivs'ka Nauka i zhyttia 10 no. 2 52-55 F '60.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Economic and cultural development of the people's democracies in 1959. Vest. stat. no. 6·52-65 '60.

In the same ranks toward the same objective. L. Tolkunov. Sov. profsoiuzy 16 no. 8;24-27 Ap '60.

(Continued)

Shiriaev, IU S [Equalizing the general direction of the development of socialist countries] Vyravnivanie obshchei linii razvitiia sotsialisticheskikh stran. Moskva, Gos. Izd-vo "Vysshaia shkola," 1960. 61 p. (Materialy k lektsiiam po politicheskoi ekonomii)

The world socialist system N. Miliukova Nauka i zhyttia 10 no. 2·4-7 F '60

COMMUNIST COUNTRIES—ECONOMIC POLICY

Principles of the international division of labor in the socialist camp. O. Bogomolov. Mezhdunar. zhizn' 7 no. 7 90-94 Jl '60.

The process of leveling the economic growth of the socialist countries. P. Figurnov. Mezhdunar. zhizn' 7 no. 7 95-99 Jl '60.

Prospective plans for the development of the national economy of socialist countries. N Rydvanov. Mir ekon i mezhdunar otn. no 6 160-173 Je '60

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Frei, L. L. [International clearing and the financing of foreign trade in socialist countries] Mezhdunarodnye raschety i finansirovanie vneshnei torgovli sotsialisticheskikh stran. Moskva, Vneshtorgizdat, 1960. 128 p.

COMMUNIST COUNTRIES—FOREIGN RELATIONS

In the same ranks toward the same objective. I. Tolkunov. Sov. profsoiuzy 16 no. 8,24-27 Ap '60.

COMMUNIST COUNTRIES—MACHINERY—MAINTENANCE AND REPAIR

Repair workers' wages in the people's democracies. K. Gorfan. Biul. nauch. inform.: trud i zar. plata 3 no. 1 66-68 '60.

COMMUNIST COUNTRIES—RAILROADS—FREIGHT

Transportation of goods among socialist countries [with English summary in appendix] P Markelov Vnesh torg 30 no 6,34-36 '60.

COMMUNIST COUNTRIES—STATISTICS—BIBLIOGRAPHY

New statistical collections published in the people's democracies. K. I. Kuz'menko. Vest. stat. no. 3 70-71 '60.

COMMUNIST EDUCATION

(see also subdivision under Estonia; Odessa)

According to the new manual. I. Kachurin. Grazhd. av. 17 no. 2 9 F '60.

Adjust propaganda work to the level of our immediate problems Voen znan 36 no 6 1-2 Je '60

At the spring of life. P. Svechnikov. Ogonek 38 no. 11·6-7 Mr '60.

Communist education of students through examples from V. I. Lenin's life. V. G. Mushkin. Prep. ist. v shkole 15 no. 2,44-49 Mr-Ap '60.

Conducting lessons on the subject of the beginning of V. I. Lenin's revolutionary activity. A. V. Erlukhin. *Prep. ist. v shkole* 15 no. 2:49-51 Mr-Ap '60.

Educating students in the revolutionary and patriotic traditions. Prep. ist. v shkole 15 no. 2;83-92 Mr-Ap '60.

Give our youth a firm ideological background. V. Myshkovskii. Prof.-tekh. obr. 17 no. 3:21 Mr '60.

Important condition of communist education. V. Eliutin. Nauka i rel. no. 2;3-5 O '59.

In administrative offices for higher and secondary specialized education of the republics. Vest. vys. shkoly 18 no. 7:81-82 Jl '60.

Know how to deliver a lecture and how to conduct a seminar. G. A. Chigrinov. Vest. vys. shkoly 18 no. 7:68-71 *Jl '60.*

Let's educate aggressive and staunch fighters for communism. Sov. pedag. 24 no. 3·3-8 Mr '60.

Objectives and program of the communist education of workers. V. N. Semen'kov. Sbor. nauch. trud. Bel. politekh. inst. no. 71 65-89 '59.

Our consultation center. P. Grigor'ev. Agitator no. 8: 32 Ap '60.

Pedagogical guidance of the work of students in a student brigade. S. I. Goreslavskii. Sov. pedag. 24 no. 6;40-47 Je '60.

The seven-year plan and the communist education of workers. O. Zvihlianych. Sots. kul't. 13 no. 3;3-4 Mr '60.

Students become acquainted with V. I. Lenin's life and activity. I. N. Muzalev. Prep. ist. v shkole 15 no. 2: 77-78 Mr-Ap '60.

Study and inculcate the growing features of communist progress. R. P. Kovalevskii, V. F. Kiforak. Vest. vys. shkoly 18 no. 7·71-75 Jl '60.

The teacher as a propagandist and agitator. Nach. shkola 28 no. 3 14-15 Mr '60.

Using materials of N. S. Khrushchev's visit to the United States in teaching social sciences. K. I. Illarionov. Sred. spets. obr. 7 no. 1·6-10 Ja '60.

Within the field of vision of the party office. P. Bogdanov. Agitator no. 8 58 Ap '60.

COMMUNIST EDUCATION—CURRICULA

Study plan of correspondence schools for propagandists. Agitator no. 5;24-25 Mr '60.

Are you prepared for life in a communist society? IE. Kraichyns'kyi, IA. Krochek. Sots. kul't. 13 no. 3: 11-13 Mr '60.

He who does not work shall not eat. N. Kondakova. Agitator no. 5·13-16 Mr '60.

COMMUNIST ETHICS—BIBLIOGRAPHY see Bibliography—Communist ethics

COMMUNIST ETHICS—COMPETITIONS

Conditions of the contest for a popular book on the principles of communist ethics Vop filos 14 no 6:180-181 '60

COMMUNIST PARTY see subdivision under Canada, Chile, Czechoslovakia; Bulgaria, France, Germany, Great Britain; Indonesia; Netherlands; Portugal; Spain; United States

COMMUNIST PARTY—PERIODICALS see subdivision under Denmark, Great Britain

COMMUNIST PARTY OF THE SOVIET UNION

(see also subdivision under Buryat-Mongolia, Kazakhstan; Lugansk; Ukraine; White Russia)

All-Union inter-academic conference on "The efforts of the Communist Party of the Soviet Union toward the creation of a strong grain production center in the eastern regions of the country" A S Rakhimov, A. V Solov'ev Vop ist no 6 187-188 Je '60

Chumbarov, N. I. [CPSU in the struggle for the transition to the industrialization of the U. S. S. R., a lecture] KPSS v bor'be za perekhod k industrializatsii SSSR, 1926 g., lektsii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 67 p.
(MH)

Grechanov, A. D., and V. S. Chapkevich. [Ideological and organizational unity; main source of the strength and invincibility of the CPSU] Ideinoe i organizatsionnoe edinstvo; glavnyi istochnik sily i nepobedimosti KPSS. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1958. 61 p.
(MH)

History of the CPSU and our time. B. Ponomarev. Kommunist 37 no. 11:11-20 Jl '60.

Katorgin, I. I. [The Communist Party in the period of the reconstruction of the national economy, 1921-1925. Theme 10] Kommunisticheskaia partiia v gody vosstanovleniia narodnogo khoziaistva, 1921-1925 gg; tema X. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 186 p. (Istoriia KPSS; kurs lektsii)

Katorgin, I. I. [Postwar struggle of the Communist Party for the reconstruction and development of the national economy, 1945-1953. Theme 16] Bor'ba Kommunisticheskoi partii za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennye gody, 1945-1953 gg.; tema XVI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 90 p. (Istoriia KPSS, kurs lektsii)

Kozev, N. A. [June 1959 Plenum of the Central Committee of the CPSU] Iiun'skii Plenum TSentral'nogo Komiteta KPSS 1959 goda. Moskva, Gos. Izd-vo polit. lit-ry, 1960. 83 p. (S"ezdy, konferentsii i plenumy TsK KPSS)

New history of the CPSU. G F Akhminov. Vest Inst po izuch. SSSR no. 1 7-20 Ja-Mr '60

Pavlov, A. P. [Struggle of the Communist Party for the completion of the socialist reconstruction of the national economy; the victory of socialism in the U. S. S. R., 1933-1937. Subject 13] Kommunisticheskaia partiia v bor'be za zavershenie sotsialisticheskoi rekonstruktsii narodnogo khoziaistva. Pobeda sotsializma v SSSR, 1933-1937 gg. Tema XIII. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 108 p.

The resolution of the Central Committee of the Communist Party of the Soviet Union "Concerning the tasks of party propaganda in view of present-day conditions" and the science of history Vop. ist no 6 3-9 Je '60

Safonova, IE. V., and M. Z. Danyliuk. [Communist Party, the inspirer and organizer of the victory of the Soviet people in the Great Patriotic War, June 1941-1945; materials to aid the study of the CPSU] Komunistychna partiia, natkhnennyk i organizator peremohy radians'koho narodu v Velykii Vitchyznianii viini, cherven' 1941-1945 rr.; materialy na dopomohu vyvchaiuchym istoriiu KPRS. [Kyiv] Vyd-vo Kyivs'koho univ., 1958. 148 p.
(MH)

"We owe everything to you, party!" N. Stepanova. Klub 9 no. 1 4-5 Ja '60

We should require more from publications on the history of the party. M. Varshavchik and others. Komm. Ukr. 35 no. 3·87-93 Mr '60.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

How to study materials of the 21st Congress of the CPSU. Prep. ist. v shkole 15 no. 2;67-74 Mr-Ap '60.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Kretov, F. D. [High calling of members of the Communist Party] O vysokom zvanii chlena Kommunisticheskoi partii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 95 p.

League who apply for admission to the party Part zhizn' no 12 73-74 Je '60

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

(see also subdivision under Azerbaijan, Borovichi District; Chernovtsy, Gvardeyskiy District, Iv'ye District; Kazakhstan; Kuznetsk Basin; Leningrad; Moscow; Poltava Province, Ryazan Province; Stalino; Stalino Province, Susuman District; Ukraine, White Russia)

Be a model IU Zaitsev Agitator no 13 58-60 Jl '60

Beliakov, V. K., and A. V. Tolmachev. [How to prepare for and give a propaganda talk] Kak podgotovit' i provesti besedu. Moskva, Gos. Izd-vo polit. lit-ry, 1960. 62 p. (Bibliotechka agitatora, no. 12)

Brief news. Agitator no. 5;63-64 Mr '60.

Brief news Agitator no 6 63-64 Mr '60

Brief news. Agitator no. 7;63-64 Ap '60.

Brief news. Agitator no. 8·63-64 Ap '60.

Brief news Agitator no 11 64 Je '60

Brief news Agitator no 12 63-64 Je '60

Broad program of communist education Nauka i zhyttia 10 no 2 1-3 F '60

Budantsev, A. V. [Visual propaganda at construction jobs] Nagliadnaia agitatsiia na stroikakh Moskvy. [Moskva] Mosk. rabochii, 1959. 93 p. (Bibliotechka partiinogo rabotnika)
(MH)

Chernikov, R K [Mass political work in rural areas] Massovo-politicheskaia rabota na sele Moskva, Gos Izd-vo polit. lit-ry, 1960. 53 p. (Bibliotechka agitatora, no 10)

The efforts of party organizations toward the development of widespread patronage of city over village during the period of reconstruction. B. G. Pimenov. Nauch. dokl. vys. shkoly, ist. nauki no. 1;3-16 '60.

Epishchev, P. I., and L. M. Glazov. [Growing role of the CPSU in the building of communism] O vozrastaiushchei roli KPSS v stroitel'stve kommunizma. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 43 p.

Far from native shores M. Kolobov Agitator no 12 55-56 Je '60

For the good of the work L Usachev Agitator no 13 *61 Jl '60*

High demands. B. Monastyrev. Agitator no. 5·51 Mr '60.

Implementation of the new forms of party control. N. Belukha, P. Mazalov. Komm. Ukr. 35 no. 3·79-82 *Mr '60.*

Interpretation of practical work Part zhizn' no 13 73-76 Jl '60

Kozyr, P. P. [Let's work with initiative] Diiaty tvorcho. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 178 p.

Leading role of party organizations in the introduction of new techniques in industrial enterprises, work practices of the party organization of the Minsk Automobile Plant in 1957-1958. A. T. Mukhin. Sbor. nauch. trud. Bel. politekh inst. no. 71 164-183 '59.

Let's disseminate economic knowledge among workers M Shilo. Part zhizn' no 13 51-52 Jl '60.

Make fuller use of your right to control the work of managerial personnel, review of letters to the editor Part zhizn' no 12·23-28 Je '60

Make progressive experience accessible to all A Dmitriuk Agitator no 12 51-54 Je '60

Moscow. Akademiia obshchestvennykh nauk. Kafedra istorii. [Work practices of local party organizations from 1953 to 1959, a collection of articles] Iz opyta raboty mestnykh partiinykh organizatsii 1953-1959 godov, sbornik statei. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 278 p.

"Our group leader is our propagandist." V. Shebanov. Agitator no. 5·48-49 Mr '60.

Party control in action. M. Liakhovetskii. Grazhd. av. 17 no. 2:6-7 *F '60.*

Party control on state farms A. Konovalenko Part zhizn' no 13 43-45 Jl '60

Party meetings open to nonparty workers. N. Ochkolas. Komm. Ukr. 35 no. 3,68-69 Mr '60.

Party news Part zhizn' no 12 79-80 Je '60.

Party news Part zhizn' no 13 78-80 Jl '60

Planning of the party work in industrial plants Z Sinel'nikov Part zhizn' no 13 57-61 Jl '60

Political work with reindeer breeders. E. Kelevaeva, M Glazunov Part. zhizn' no 12 46-50 Je '60

Propagandists and newspapers A. Chistov Agitator no 6 32-35 Mr '60

Propagandists organize their competition. IU. Babanov. Part zhizn' Kazakh. 30 no 3 42-44 Mr '60.

Schools for propagandists. L. Zhitinskii. Grazhd. av. 17 no. 3:12 Mr '60.

Some organizational problems of party work M Polekhin, F IAkovlev Part zhizn' no 13 8-15 Jl '60

Soviet foreman Agitator no. 13 3-6 Jl '60

Subjects for lectures, reports, and talks devoted to the 42nd anniversary of the October Revolution. Blok. agit. (Zakarp.) no. 19;31-32 O '59.

WORK (Continued)

Technological innovations are under party control I Z Notik Mashinostroitel' no 4 45 Ap '60

This is only a beginning D Starkov Agitator no 13 61 Jl '60

Thoughtfully and purposefully S Polunin Agitator no 13 50-53 Jl '60

Under the control of the district committee. V. Istomin. Agitator no. 7,48-49 Ap '60.

We appeal to their minds and hearts I Sokolenko Part zhizn' no. 13 47-50 Jl '60

We rely on the experience and industrial skills of the masses. A. Romakin. Komm. Bel. 34 no 3·37-40 Mr '60.

We should develop greater activity in our audiences. N. Gents. Mol. komm. no. 3·100-104 Mr '60.

We should do our best in carrying out our socialist obligations Kommunist 37 no. 10 3-8 Jl '60

We should teach and educate our workers. S. Alekseev. Agitator no. 5.47-48 Mr '60.

Would you approve my methods? F Bartenev Agitator no 6 54-55 Mr '60.

You should choose the right time and use it effectively. I. Gorshkov. Agitator no. 5;50-51 Mr '60.

COMMUNIST REVISIONISM

Interuniversity conference of social science teachers. G. N. Kushkov. Vest. LGU 15 no. 11:146-147 '60.

Parsadanov, N. IA. [Contemporary revisionism in aesthetics] Sovremennyi revizionizm v estetike. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 51 p.

Present-day revisionism. G. F. Akhminov. Vest. Inst. po izuch. SSSR no. 4 5-16 O-D '59.

"Reformism, revisionism and the problems of contemporary capitalism" Reviewed by V Tumanov Mir ekon i mezhdunar otn no 6 156-159 Je '60.

Unity of forces strengthens positions. D. Trushchenko. Inostr. lit. no. 1·195-202 Ja '60.

Useful conference. I. L. Nikolin. Vop. filos. 14 no. 6· 152-156 '60

COMMUNIST YOUTH see subdivision under Khabarovsk Territory

COMMUNIST YOUTH LEAGUE

(see also subdivision under Baku; Latvia, Novo-Vasil'yevka District; Ossetia; Ukraine)

Faculty of Communist Youth League propagandists. E. TSvetkov. Mol. komm. no. 3·104-105 Mr '60.

First in Leningrad. A. Dlugach. Obshchestv. pit. no. 3· 32-33 Mr '60.

It is our turn! V Zhavoronkov Smena 37 no 12 26 Je '60.

Kinkladze, O. D. [Mutual control] Vzaimnyi kontrol'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 31 p.

A planted tree should grow. I. Tomilina. Mol. komm. no. 3·58-65 Mr '60.

References for the members of the Communist Youth League who apply for admission to the party Part zhizn' no 12 73-74 Je '60

Romantic deeds should beautify our life. Mol. komm. no. 3 66-68 Mr '60.

School of Engineer Pronkin. Tekh. mol. 28 no. 2·19,33 '60.

COMMUNISTS see subdivision under Kovel' District

COMMUNITY AND SCHOOL

(see also subdivision under Leningrad; Magnitogorsk)

Constructive initiative and useful work. Nar. obr no. 6: 22-25 Je '60.

COMMUNITY CENTERS

(see also subdivision under Beregovo District; Borispol'; Buzovka, Cherkassy Province, Kiev; Konobeyevo, Malo-Karachaevsk District; Minsk, Mogilev District; Moscow; Novo-Aleksandrovskiy District; Novograd-Volynskiy; Novoye Selo District; Poltava Province; Ul'yanovka District)

Aids for organizers of universities of culture. B. Emel'ianov. Klub 9 no. 2:26-27 F '60.

Centers of promotional and propaganda work. Kul't.-pros. rab. 21 no. 2 2-3 F '60.

Statements by people attending the universities of culture Klub 9 no. 1·18 Ja '60

Young hosts of the House of Culture. M. Ognianov. Sem'ia i shkola 15 no. 3:41-42 Mr '60.

COMPACTION OF SOIL see Soil stabilization

COMPASSION see Sympathy

COMPETITION

Competition between economic regions Sov. pech no 3 10-12 Mr '60.

COMPETITION, INTERNATIONAL

Contemporary bourgeois theory on coexistence. N. Filimonov. Mezhdunar. zhizn' 7 no. 7·108-112 Jl '60.

Kodachenko, A. S. [Competition of the two systems and underdeveloped countries] Sorevnovanie dvukh sistem i slaborazvitye strany. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 110 p.

[illegible]

What competition of the two systems means for the United States Victor Perlo Mezhdunar zhizn' 7 no 6 15-29 Je '60

COMPETITION, SOCIALIST see Socialist competition

COMPLEX COMPOUNDS

Complex formation in solutions, as studied with the aid of separation. A. P. Zozulia, V. M Peshkova Usp. khim 29 no. 2,234-268 F '60

Determination of the structure and geometrical configuration of complexes, based on thermodynamic data. K. B. IAtsimirskii. Zhur. neorg. khim. 5 no. 2·264-270 F '60.

Investigating the possibility of complex formation in the system $Zr(SO_4)_2$ - $CS(NH_2)_2$ - H_2O by methods of physicochemical analysis A. IA. Deich Zhur prikl khim 33 no 3 732-734 Mr '60.

COMPLEXONS

Investigating the complexons of amino acid derivatives. N F. Kazarinova. N. I. Latosh, I. IA Postovskii. Izv. Sib otd. AN SSSR no. 2:60-70 '60.

COMPOSERS

Coauthorship and so-called "coauthorship." Sov. muz. 24 no. 3 28-32 Mr '60

Song writers. Sov. mor. 20 no. 9 15 My '60.

COMPOSITION (MUSIC)

Algorithmic description of the music composing process R. Kh Zaripov Dokl AN SSSR 132 no 6 1283-1286 Je '60

COMPOST

Mechanized preparation and application of organic fertilizers. M Kaplunov, I. Sendriakov. Tekh. v sel'khoz. 20 no. 2·17-22 F '60.

COMPOUND E see Cortisone

COMPRESSED AIR

Automatic closing valve for prevention of leakage of compressed air. I. A. Kharlamov, V. I. Klimenko. Prom. energ. 15 no. 4·16-17 Ap '60.

Using compressed air in tunneling. N. F. Karasev, I. M. IAkobson. Transp. stroi. 10 no. 1,17-19 Ja '60.

COMPRESSED AIR—PHYSIOLOGICAL EFFECT

Death in connection with the introduction of compressed air into the rectum. I. F. Ogarkov. Sud.-med. ekspert. 2 no. 2,48-49 Ap-Je '59.

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Carafoli, Elie. [High-speed aerodynamics; compressible flow Translated from the English. Preface by E. Carafoli] Aerodinamika bol'shikh skorostei, szhimaemaia zhidkost' Pod red. L. P. Smirnova. Moskva, Izd-vo Akad. nauk SSSR 1960. 738 p.

Compressibility of aqueous solutions of nonelectrolytes. I. V. Perslanova, V. V. Tarasov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no 1;4-7 '60.

Compressibility of liquids and solids by superhigh pressures. P V. Matorin. Nauch. dokl. vys. shkoly; fiz.-mat nauki no. 3;141-144 '59.

COMPRESSIBILITY—MEASUREMENT

Indicator diagrams for a high-pressure gas compressor L F. Vereshchagin, B. P. Demiashkevich. Prib i tekh. eksp no 1;118-122 Ja-F '60.

Using resistance strain gauges for measuring stresses and deformations caused by high pressures. Z. I. Stakhovskaia. Prib. i tekh. eksp. no. 1 122-125 Ja-F '60

COMPRESSORS

(see also subdivision under Leningrad)

Calculation results of motion diagrams for closing devices of piston compressor valves. S. E. Zakharenko, G. V. Karpov. Trudy LPI no. 187;80-92 '56.

Efficiency of piston rings with corrected pressure in compressors. S. A. Anisimov. Trudy LPI no. 187;93-103 '56.

Friction factor of plates in multichamber plate-type compressors. B. S. Fotik. Trudy LPI no. 187;104-109 '56.

High-pressure hydraulic compressors operating with oil and water. V E. Ivanov, L F. Vereshchagin, B P. Demiashkevich. Prib. i tekh. eksp. no. 1 126-128 Ja-F '60.

Improving work safety and increasing the production capacity of compressor plants in the Donets Basin mines G. P. Gerasimenko Ugol' Ukr. 4 no. 2·17-19 F '60.

Indicator diagrams for a high-pressure gas compressor. L. F. Vereshchagin, B. P. Demiashkevich. Prib i tekh. eksp. no 1 118-122 Ja-F '60

po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 31. [Assembling compressors, pumps, and ventilators] Montazh kompressorov, nasosov i ventiliatorov. 1960. 90 p.

TSiklauri, D. S. [Hydraulic compressors] Gidrokompressory. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 70 p.

COMPRESSORS—BLADES

Effect of small deviations of blade dimensions on the characteristic of the stage of an axial compressor. K. G. Rodin. Trudy LPI no. 187;73-79 '56.

CONCENTRATION CAMPS see subdivision under Germany

CONCEPTION—PREVENTION

Present status of the problem of contraceptives. E P Maizel'. Vest. AMN SSSR 14 no 10 12-46 '59

CONCERTS

Concerts in cities. A. St., IU. S., R. Pshestanchik. Sov. muz. 24 no. 3;134-136 Mr '60.

CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Making mortars and concrete mixes] Prigotovlenie rastvorov i betonnykh smesei. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 178 p.

Calculating the uplift pressure of concrete dams taking into account the permeability of concrete. V. M. Moiseenko. Gidr. stroi. 29 no. 3:46-47 Mr '60.

Cement filler grain throws off its "coat." V. Linis, R. Shcherbakov. Izobr. i rats. no. 4.18-20 Ap '60.

Designing mixes of special concretes for required volumetric weight, strength, and mobility. A. E Desov. Trudy NIIZHB no. 11;146-155 '59.

Irregular granulometric composition makes possible the use of fine sands of making asphalt concrete mixes. N. M. Avissova, N. V. Gorelyshev. Avt. dor. 23 no. 6. 11-13 Je '60.

Measuring the internal friction of concrete. S. S. Rozhdestvenskii. Zav. lab. 26 no. 4;463-465 '60.

Physical and technical properties of heavy concretes to be used in radiation shielding. A. E Desov, V. I. Nadol'skii. Trudy NIIZHB no. 11;80-106 '59.

Polymer concrete. IU. S. Cherkinskii, V. M. Kalashnikova. Izv. ASiA no. 2:122-134 '59.

Problems in the technology of concrete. G. A. Buzhevich Bet i zhel-bet. no. 2 95-96 F '60.

Strength of concretes made with shell limestone aggregates. A. I. Konoplenko, A. N. Romodanov. Trudy RISI no. 15·35-48 '58.

Unified experimental rating method for determining mixes of ordinary (heavy) concretes. B. G. Skramtaev, IU. M. Bazhenov. Izv. ASiA no. 4;57-72 '59.

Using fine grained concretes in making thin-walled construction elements I M Mirlev. Bet. i zhel.-bet no 2 68-70 F '60.

Using fine limestone gravel instead of quartz sands in making concrete Rats. i izobr predl v stroi no 14 4 '60

Using fine sands in making concretes. A. E. Sheikin. Bet. i zhel.-bet. no. 3;97-100 Mr '60.

Using gypsum-concrete based on various aggregates in making large-panel rolled partitions. L. G. Gulinova and others Stroi. mat. 6 no. 2 7-9 F '60

Using shell-rock limestone as aggregate for plain and reinforced concrete. A. I. Konoplenko, R. L. Maiilian, E. S. Savin. Bet. i zhel.-bet. no. 3·112-117 Mr '60.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—CORROSION

Durability of plain and reinforced concrete. N. A. Moshchanskii, V. M. Medvedev. Izv. ASiA no. 4·121-130 '59.

CONCRETE—CURING

Effect of autoclave-curing on the hardening of portland and sand cements. IU. M. Butt, E. O. Barbakadze. Silikaty no. 2;48-57 '59.

Evaluating the quality of steam curing of concrete. N. I. Podurovskii, E. S. Savin. Trudy RISI no. 15·63-72 '58.

Hydrothermal processing of keramzit concrete. S. A. Mironov, A. V Talisman Stroi. mat. 6 no 2 27-29 F '60.

Pressureless steam curing chambers. Stroitel' no. 3; 28-29 Mr '60.

Technology and properties of autoclave-hardened concretes. A. E. Desov. Trudy NIIZHB no. 11:124-145 '59.

CONCRETE—TECHNOLOGICAL INNOVATIONS

"Nailable" concrete. K. Zhukov. Znan. sila 35 no. 3: 31-33 Mr '60

CONCRETE—TESTING

Determining the tensile strength of concrete. V. V Stol'nikov, V. B Sudakov Izv. VNIIG 60.128-141 '58.

Investigating the creep of concrete under repeated sustained loads V V. Blinkov. Izv VNIIG 60 105-127 '58

Investigating the modulus of elasticity in autoclave-hardened concretes. S A. Mironov, L. A Malinina. Trudy NIIZHB no. 11:175-185 '59.

Investigating the sulfate resistance of concrete by the resonance method. V. V. Stol'nikov, A S. Gubar'. Izv. VNIIG 60 89-104 '58.

"Physical methods for checking the quality of concrete" by A. S. Durasov, N. A. Krylov, Reviewed by S. I. Nogin. Bet. i zhel. -bet. no. 3 142-143 Mr '60.

Some factors of strength in autoclave-hardened concretes. I. M. Krasnyi. Trudy NIIZHB no 11:156-174 '59.

Strength and deformability of high-strength concretes under compression. G. N. Pisanko. Bet. i zhel. -bet. no. 3:131-134 Mr '60.

Strength of cement and concrete solutions during axial extension and compression. TS G. Ginzburg, R E. Litvinova Izv. VNIIG 60·165-171 '58

CONCRETE—TRANSPORTATION

Pneumatic units for transporting building mixes IA I Marennyi Mekh. stroi. 17 no 6 24-25 Je '60

CONCRETE BLOCKS

Economic comparison of steam and electrode heating of large slag concrete blocks. A. M. Il'evskii. Trudy RISI no 15 55-62 '58

Large wall blocks with rhomboidal cavities Rats. i izobr predl. v stroi no 14 56-59 '60

Lightweight foundation blocks with side cavities. Rats i izobr predl. v stroi no 14 12-13 '60

Machine for cutting foamed concrete blocks Rats i izobr predl. v stroi no 14 37-39 '60

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION

Colmatage of small cracks in concrete. G. Kh. Pravednyi. Izv VNIIG 61:72-77 '58.

Equipment for making mortars to be used in separate concreting A. Alekseev. Mekh stroi 17 no 6 28-30 Je '60

Heat exchange during the artificial cooling of concrete in constructing dams. A. G. Tkachev, G. N. Danilova, N. N. Syrovtseva. Gidr. stroi. 29 no. 3:37-39 Mr '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for laying concrete in constructing industrial, residential, and public buildings] Instruktsiia po tekhnologii proizvodstva betonnykh rabot v promyshlennom i grazhdanskom stroitel'stve. SN 67-59. Utverzhdena Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 4 sentiabria 1959 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 222 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for conducting and inspecting building and assembling operations, plain and reinforced concrete construction. SN 66-59] Tekhnicheskie usloviia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot; betonnye i zhelezobetonnye raboty. SN 66-59. Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 3 sentiabria 1959 g. Izdanie ofitsial'noe. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 151 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 4. [Plain and reinforced concrete construction] Zhelezobetonnye i betonnye raboty.
No. 4. [Making semifinished products and details for plain and reinforced concrete construction elements] Izgotovlenie polufabrikatov i detalei dlia zhelezobetonnykh konstruktsii, 1960. 60 p.

Using flow-time methods in erecting plain and reinforced concrete structures of the Kremenchug Hydroelectric Power Station. G. I. Strokov, A. L. Filakhtov. Gidr. stroi. 29 no. 3:6-11 Mr '60.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Using "cold" concretes in construction. S A Mironov, V. F. Khvorostianskii Bet. i zhel. -bet no 2,64-68 F '60.

CONCRETE CONSTRUCTION—FORMWORK

Dismountable flange fittings for steel forms for making reinforced concrete construction elements V. Sakovych, IU. Mezhyryts'kyi, H Mints Bud. mat. i konstr. 2 no 1 59 F '60

Reinforcing steel bottoms of concrete forms. G. Mel'nikov Stroitel' no 3 23 Mr '60

Tipping forms for making elements of fences and railings. D S Aizikov Transp stroi 10 no. 3 53-54 Mr '60

Use plastics in making casings and molds N S Shcherba, I. M Lin'kov Bet i zhel -bet. no 2·87-88 F '60

CONCRETE CONSTRUCTION—TESTING

Some results of in situ observations on the temperature regimen and strained state of the concrete lock block of the Novosibirsk Hydroelectric Power Center. S. IA. Eidel'man, E. K. Aleksandrovskaia. Izv. VNIIG 61· 144-158 '58.

CONCRETE FOOTINGS

Concrete practice. V. Syrovatskii. Stroi i arkhit. 8 no. 2 26 F '60.

Designing foundations for vibrating platforms M. N Ruchimskii. Stroi mekh. i rasch soor 2 no. 1·51-3 of cover '60.

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

Automation of concrete and mortar plants. Bet. i zhel.-bet. no. 3:144 Mr '60.

Conference on introducing automatic processes in concrete and mortar plants. Mekh. stroi. 17 no. 4:32-3 of cover Ap '60.

CONCRETE PRODUCTS

Molds for making small-size products. Rats. i izobr. predl. v stroi. no. 13·14-15 '59.

Transporting and storing plain and reinforced concrete construction elements. V. Kardash. Stroitel' no. 4: 18-22 Ap '60.

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SEWERS see Sewers, Concrete

CONCRETE SLABS

(see also subdivision under Kharkov; Kiev; Leningrad; Novosibirsk)

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. [Instructions for designing and making keramzit-concrete panel walls and ceilings] Ukazaniia po konstruirovaniiu i proizvodstvu panel'nykh ograzhdaiushchikh konstruktsii iz keramzitobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 79 p.

Designing walls and slabs fixed on three sides only with the fourth unsupported. B. Z. Kunin. Prom. stroi. 38 no. 3:60-62 '60.

Device for assembling balcony slabs. Rats. i izobr. predl. v stroi. no. 13:98-100 '59.

Effective use of vacuum techniques in making large-panel products. V. A Narizhnyi, V P. Artemtsev. Bet. i zhel. -bet. no. 2 86-87 F '60.

Large aerated-concrete wall and roofing panels K E. Goriainov and others Stroi. i arkhit Len 22 no 2 21-23 '60.

Making gypsum slag concrete slabs for interior partitions. Rats. i izobr. predl. v stroi. no. 13:19-23 '59.

Maklakova, T. G. [Panel housing construction; structural and architectural solutions] Panel'noe domostroenie; razvitie konstruktivnykh i arkhitekturno-planirovochnykh reshenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 100 p.

Method for determining deflections in circumferentially supported reinforced concrete slabs subjected to short-time loads. A. N. Korolev. Bet. i zhel. -bet. no. 3:138-141 Mr '60.

Method for joining thin reinforced concrete slabs without welding reinforcements A A Kudriavtsev. Stroi. i arkhit. Len. 22 no. 2 23-24 '60.

Modernization of concreting combines. IA. V. Shapiro. Mekh. stroi. 17 no. 4:19-21 Ap '60.

Modernizing concreting combines and increasing their performance efficiency. P. K. Balat'ev, IA. L. Kaplanskii. Mekh. stroi. 17 no. 4:21-24 Ap '60.

New convex slabs for hipped roofs. S. Lavrent'ev, IU. Posiada. Stroi. i arkhit. 8 no. 6:32-3 of cover Je '60.

Precast ceiling to be used in making major repairs in buildings. IA. I. Lapter. Gor. khoz. Mosk. 34 no. 2: 22-24 F '60.

Principles of economic reinforcing of slabs [with summary in English, p. 66]. A. M. Dubyns'kyi. Visnyk ABiA URSR no. 1:18-24 '60.

"Tables for designing rectangular slabs" by P. M. Varvak and others. Reviewed by S. G. Ionnisian. Izv. AN Arm. SSR. Ser. tekh. nauk 12 no. 6:70 '59.

Unit for making reinforced concrete ceiling slabs with two oval cavities Rats i izobr. predl v stroi. no 14, 59-61 '60

Unit for making 160 mm multihollow reinforced concrete slabs. Rats. i izobr. predl. v stroi. no. 13:9-11 '59.

Using reinforced concrete in protecting slopes of breakwaters V. S. Vol'nov. Transp. stroi. 10 no. 3 31-34 Mr '60.

Wall panels and tent-type roofing slabs S Michnyk Bud mat i konstr 2 no 1 10-15 F '60

CONCRETE SLABS—TESTING

Prestressed keramzit concrete slabs for insulated roofs of industrial buildings. N. A. Kornev, V V. Mikhailov. Prom. stroi. 38 no. 3,57-59 '60.

CONCRETE SLABS—TRANSPORTATION

Assembly carts. Rats. i izobr. predl. v stroi. no. 13· 48-50 '59.

CONCRETIONS see subdivision under Donets Basin

CONDENSATE OIL WELLS

(see also subdivision under Krasnodar Territory, Kuban)

Expedient changes in the system of technological flow in gas-condensate wells. A. A Abdulaev and others. Gaz. prom. 5 no. 3,10-13 Mr '60.

Production of xylenes by the catalytic processing of the gas condensate in the presence of toluene. IU. G. Mamedaliev and others. Azerb. khim. zhur. no. 2;3-15 '59.

Sources of cold for separating the condensate from the gas of gas-condensate wells. O. A. Ben'iaminovich, O. K. Tabunshchikova, A. S. Velikovskii. Gaz. prom. 5 no. 3 4-9 Mr '60

CONDENSATION PRODUCTS

Autocondensation reactions of cyclic ketones, and condensation with ammonia S V Svetozarskii and others Zhur ob khim 30 no 6 2042-2047 Je '60

Polycondensation of some N and N'-dialkyl-substituted derivatives of 4, 4'-diamino-3, 3'-dimethyldiphenylmethane with sebacic acid [with summary in English]. O. IA. Fedotova, Mao Ping-ts'uan. Vysokom. soed. 2 no. 6,952-956 Je '60.

CONDENSERS (ELECTRICITY)

Condenser with a constant capacity. Avtom., telem. i sviaz' 4 no. 4·40-41 Ap '60.

ETO condensers. D. M. Zektser. Avtom., telem i sviaz' 4 no. 4·38 Ap '60.

Ferroelectric condensers with a high degree of nonlinearity. M. M Nekrasov Izv vys ucheb zav, radiotekh 2 no 6 741-746 N-D '59

CONDENSERS (STEAM)

(see also subdivision under Germany, West)

Areas of use of surface-type condensers. V. I. Bulanin. Trudy LPI no. 187:110-123 '56.

CONDITIONED RESPONSE

Conditioned reflex hypercholesteremia in animals M K. Mikushkin. Dokl. AN SSSR 132 no 6 1454-1457 Je '60

Conditioned response to the chain of visual stimli in honey-laden bees returning to the hive [with summary in English]. E. G. Chesnokova. Zool. zhur. 39 no 2:220-235 F '60.

Conditioned responses to verbal stimuli [with summary in English]. L. A. Shvarts. Vop. psikhol. 6 no. 1:86-98 Ja-F '60.

Effect of exclusion of the visual and olfactory analyzers on conditioned motor reflexes in rabbits. A. Batuev. Biul. SNO LGU no. 1 64-69 '58.

Intersignal reactions in elaborating a conditioned food response to time. M. I Rozin Vestsi AN BSSR Ser biial. nav. no. 1 103-110 '60

Method for the investigation of neurodynamics in the normal human subject and in disorders of the higher nervous activity. K. S. Ratner. Probl. sud. psikh 8; 660-673 '59.

Share of the cortex, the subcortex, and the retina in the act of human conditioned response reproduction of light rhythm [with summary in English]. E. N. Semenovskaia, A. I. Bogoslovskii, G. IA. Khvoles. Vop. psikhol. 6 no. 1:99-113 Ja-F '60.

Studying complex forms of analytic and synthetic activity of the brain. A. V. Napalkov, E. V. Shtil'man Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3·13-19 '59.

Symmetric conditioned motor reflexes. E. V. Papoian. Izv. AN Arm. SSR. biol. nauki 12 no. 12:39-49 D '59.

Use of reflexes in the restoration of movements in hemiplegia. Report No. 1·Conditioned defense reflexes [with summary in French]. O. Stary, Z. Mirncky, M. Berankova. Zhur nevr. i psikh. 60 no. 1:9-17 '60.

CONDUCT OF LIFE

The brigades of communist labor and their way of living. V. T. Zinych. Nar. tvorch. ta etn. 3 no. 4:10-13 O-D '59.

For profit and gain· feuilleton. A. Sukontsev, I. Shatunovskii. Ogonek 38 no. 13 28-29 Mr '60.

Thousand good advices. N. Volynchikov and others. Ogonek 38 no. 19:30-31 My '60.

(see also subdivision under Moscow)

Qualities of fats required in making the chief varieties of confectionery products. M. IA. Antokol'skaia. Khleb. i kond. prom. 4 no. 3 11-13 Mr '60.

Useful exchange of industrial and technical experience. V. IA. Draliuk. Khleb. i kond. prom. 4 no. 3·41-43 Mr '60.

CONFECTIONERY—APPLIANCES, UTENSILS, ETC

Production line for glazed candies G R Kokashinskii Biul tekh -ekon inform no 2 53-54 '60

CONFECTIONERY—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

CONFLICT OF LAWS

Soviet textbook on international private law ("International private law" by I. S Pereterskii, S. B. Krylov. Reviewed by V. I. Menzhinskii). Sov. gos. i pravo no 6 147-149 Je '60.

CONFORMAL MAPPING

An approximation method for obtaining conformal representations. A. L. Kudriavtsev. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk no. 6·78-82 '59.

Theory of quasiconformal mappings in space B V Shabat Dokl. AN SSSR 132 no 5 1045-1048 Je '60

Use of conformal mapping in solving Dirichlet's problem for a Laplace equation by interpolation. A. F. Zolin. Dokl. AN Uz. SSR no 11,3-9 '56.

CONGLOMERATE see subdivision under Balkhan Range

CONGO, BELGIAN—NATIVE RACES

Not fooling anybody. Nov. vrem. 18 no. 21·24 My '60.

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT

The Congo is no longer Belgian. V. Kaboshkin, I. Kuznetsov Sovr. Vost. no. 6,20-23 Je '60.

In Leopoldville. L. Popov. Nov. vrem. 18 no. 26;25-27 Je '60.

CONGRUENCES (GEOMETRY)

Quadrics of congruences. S. E. Karapetian. Dokl. AN Arm. SSR 30 no. 2;65-72 '60.

Simplex bending of congruences of straight lines. P. M. Geidel'man. Izv. vys. ucheb zav., mat. no. 1 84-93 '60.

Transformation of congruences by means of semiquadrics. Mat sbor. 50 no. 1;109-116 Ja '60.

CONJUNCTIVA—SURGERY

Histological data on the healing of penetrating wounds of the cornea following experimental conjunctival plastic surgery. Sh. I. Ismail-Zade. Azerb. med. zhur. no. 3· 30-33 Mr '60.

CONJUNCTIVITIS, GRANULAR

(see also subdivision under Yalchiki District)

Study of the etiology of trachoma. Report No 1 Isolation in white mice of virus agents from trachoma patients I. I Terskikh and others Vest. AMN SSSR 14 no 10 23-28 '59.

Treatment of allergic keratoconjunctivitis in trachoma patients [in Azerbaijani with Russian summary]. Z. T. Kulieva Azerb. med. zhur. no. 3,16-20 Mr '60.

CONJUNCTIVITIS, GRANULAR—DIAGNOSIS

Diagnostic scraping of the follicle in trachoma. M. A. Saushkin. Zdravookhranenie 2 no. 6;47-48 N-D '59

CONNECTIVE TISSUES

Basic argyrophil substance in paradontosis. M. E. Barabash. Probl. stom. 4·139-142 '58.

Effect of drug-induced sleep on the reactivity of the connective tissue D S Kurbanaliev Uch. zap AGU Biol ser no. 2 67-70 '59

CONNECTIVE TISSUES—INNERVATION

Role of connective tissue capsules of the internal organs and their nerve apparatus. N. V. Kerdivarenko. Zdravookhranenie 3 no. 1;45-48 Ja-F '60.

CONNOLLY, JAMES, 1870-1916

Social and political views of James Connolly, 1870-1916. A. D. Kolpakov. Nauch. dokl. vys. shkoly, ist. nauki no. 2: 143-156 '58.

CONRAD MOUNTAINS—WEATHERING

Clouds as a cause of mountain disintegration in Antarctica. P. S. Voronov. Inform. biul. Sov. antark eksp no. 14: 37-38 '60.

CONSERVATORIES OF MUSIC see subdivision under Moscow

CONSOLIDATION AND MERGER OF CORPORATIONS see subdivision under Leningrad Economic region

CONSTITUTIONAL LAW

Subject and system of Soviet constitutional law V Karpik, N Kud/inau, IU Charnetskaia Vestsi AN BSSR. Ser hram. nav. no 1 152-155 '60.

CONSTRUCTION EQUIPMENT see Building machinery

(see also subdivision under Chernigov Province; Krasnoyarsk Territory, Leningrad; Moscow, Pavlograd, Siberia, Western; Stalingrad; Tallinn, Tashkent; Ukraine, Volyn' Province)

Assembly-line production in modern construction M. S. Budnikov. Izv. ASiA no. 2 101-110 '59.

Brief news Stroitel' no. 3·31 Mr '60.

In the Union of Architects of the Ukraine Strol. i arkhit. 8 no. 2 3 of cover F '60

Institute of Construction Economics. S. V. Bashinskii. Izv ASiA no 3·161-163 '59

Institute of Construction Information. A. A. Tikhonova Izv ASiA no 4;162-163 '59

Meeting of the General (annual) Assembly of the Academy of Construction and Architecture of the U. S. S. R. Izv. ASiA no. 2 15 '59

Objectives of the Academy of Construction and Architecture of the U S S R, according to the resolutions of the 21st Congress of the CPSU and the results of the work of the Academy in 1958 N V. Bekhtin. Izv. ASiA no. 2 3-14 '59.

Problems pertaining to the supply of electric power to construction works. I. L. Pol'. Prom energ 15 no. 4: 40-42 Ap '60.

Reduction of the time expended in construction is the most important objective of the national economy. Ekon stroi no. 3 4-7 Mr '60

Results of the Meeting of the General (annual) Assembly of the Academy of Construction and Architecture of the U S. S R Izv. ASiA no. 2;15-21 '59

Russia (1923- U. S S. R) Gosudarstvennyi komitet po delam stroitel'stva [Uniform time and pay standards for building and assembling operations and repair work in 1960 General specifications] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Obshchaia chast'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 31 p.

Scientific conference on problems in architecture and building technology. Stroi i arkhit 8 no. 2 25 F '60

Scientific conference on problems in reducing the time expended in construction. Ekon. stroi. no. 3 60-63 Mr '60.

Session of the Academy. V P Vygolov. Izv. ASiA no. 2: 144-145 '59.

Starikov, A. N. [Problems in construction economics] Voprosy ekonomiki stroitel'nogo proizvodstva. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 162 p.

Utilize the results of scientific and technical research in construction. Stroi. i arkhit. 8 no. 6;1-2 Je '60.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Lugansk)

Financing the production of and settling accounts for finished buildings Stroi i arkhit Len 22 no 2 18-19 '60

Simplified method for making reports of expended building materials. L. Markizov. Ekon. stroi. no. 3 48-50 Mr '60.

CONSTRUCTION INDUSTRY—COSTS

(see also subdivision under Odessa Province)

Costs and price determination in construction; based on housing construction. A. P. Shevelev. Nauch. trudy MGEI no. 17:79-96 '59.

Economic effectiveness of erecting apartment houses by housing construction combines. G. P. Chulkevich. Stroi. i arkhit. Len. 22 no. 3;32-33 '60.

Efficient expenditure of materials in the construction industry. A. IAmpol'skii. Stroi. i arkhit. Mosk. 0 no. 6;35-36 Je '60.

Lowering construction costs of livestock buildings. IU Koshite. Stroi i arkhit. 8 no. 2;24 F '60.

Moscow. Gosudarstvennyi institut tipovogo proektirovaniia i tekhnicheskikh issledovanii. [Methods and norms for determining rated costs of and labor required in making precast reinforced concrete construction elements] Metodika i normativy dlia opredeleniia raschetnoi stoimosti i trudoemkosti sbornykh zhelezobetonnykh konstruktsii na stadii ikh proektirovaniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 62 p.

A pamphlet for builders and bank economists ("Planning the reduction of labor costs in housing construction" by A. Vinogradov. Reviewed by Z. Loginov, M. Khoroshev). Fin. SSSR 21 no. 6:89-91 Je '60.

Some problems in specifying the expenditure of money and costs of construction. Ekon. stroi. no. 3,59-60 Mr '60.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Moscow Province)

Improve work with personnel and increase bank control. T. Zinov'ev. Fin. SSSR 21 no. 6;34-39 Je '60.

CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS see subdivision under Kuybyshev

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow

Improving management and the organization of wages in the construction industry. V. Eropin, N. Bystrova. Ekon strol. no. 3 8-19 Mr '60.

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Important factor in the organization of mixed brigades in construction. K. Kim. Sots. trud 5 no 2,123-125 F '60.

CONSTRUCTION INDUSTRY—SAFETY MEASURES

No such case is possible with us. IU. IUrgenson, L. Dmitriev Okhr. truda i sots strakh. 3 no. 4:66-67 Ap '60

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

The millionaire. N. Dobrin, O. Motornyi. Znan. ta pratsia no. 3;23 Mr '60.

CONSTRUCTION WORKERS

(see also subdivision under Bereza; Karaganda, Moscow, Polotsk)

Leading construction workers building for the transportation industry. Transp stroi. 10 no. 3,9 Mr '60.

On the Lenin watch. G. Frolov. Ogonek 38 no. 15:16-16d Ap '60.

CONTACT LENSES

New centering device for contact lenses. V. A. Barkov. Med. prom. 14 no. 4·42-44 Ap '60.

CONTAINERS

Cargo is flown in containers. A. Kompaneitsev. Grazhd. av. 17 no. 3 14 Mr '60.

Use of returnable wooden containers. P. Rusinov. Sov. torg. 33 no. 3,51 Mr '60.

CONTINENTS

Atlantis, did it exist? Mol. mira no. 10·18-19 '59.

CONTINUOUS CASTING

Continuous casting of steel. A. I. Morenkov. Biul. tekh.-ekon. inform. no. 3:80-85 '60.

Formation of internal defects in square ingots in the continuous steel casting process [with summary in English]. V. S. Rutes, N. A. Nikolaev, V I. Akhtyrskii Stal' 20 no. 3 212-215 Mr '60

CONTINUOUS FUNCTIONS see Functions, Continuous

CONTRACEPTION see Birth control

CONTRACTIONS see Abbreviations

CONTRACTS

Incentives as a means of ensuring fulfillment of contractual obligations. M. A. Tarasov. Sov. gos. i pravo no. 6;119-121 Je '60.

Obligatory conclusion of contracts. A. Kats. Sov. iust. no. 3·25-27 Mr '60.

CONTRACTURE

Influence of anesthesia and stimulating drugs on the contracture of the knee joint in immobilization. E. M. Lebedeva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:139-148 '58.

CONTRITION see Penance

CONTROL ENGINEERING see Automatic control

CONVEX SURFACES

External curvature of convex surfaces in spaces of constant curvature. A. L. Verner. Izv. vys. ucheb. zav., mat. no. 1;58-68 '60.

CONVEYING MACHINERY

Belt feed for bricks to be installed between two conveyers. Rats. i izobr. predl. v stroi. no. 13:41-43 '59.

Burmistrov, P. I., K. E. Ivanovskii, and G. M. Nikolaevskii. [Hoisting and conveying equipment] Pod"emno-transportnoe mashinostroenie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 91 p. (Sovetskoe mashinostroenie v 1959-1965 gg.)

Conveyor for making cement and lime-sand roofing tiles. A. A. Nikitin. Stroi. mat. 6 no. 4;23-24 Ap '60.

Diesel-electric bucket loader. D. M. Ghiov, E. B. Lozhechnikov. Mash. Bel. no. 6;29-32 '59.

Fork lift carriers in warehouses. A. I. Tutnov. Mashinostroitel' no. 3;43 Mr '60.

"Hoisting and conveying machinery" by A. A. Vainson Reviewed by G G. Zelichenok. Mekh. stroi. 17 no. 6 30-31 Je '60.

Mechanization of operational control, and production regulation and accounting with the aid of pushing conveyors. R. Rikman. Biul. nauch. inform.: trud i zar. plata 3 no. 2;21-25 '60.

New designs for the central part of belt conveyers. V. A. Agushev, I. R. Gladyshev. Ugol' 35 no. 3;3-7 Mr '60.

Pneumatic trays for automatic loading devices. V. P Bobrov Mekh. i avtom. proizv. 14 no. 3·7-9 Mr '60

Portable roller conveyers. Rats. i izobr. predl v stroi no. 14·103-104 '60.

Reconstructing the conveying system in the cement shop of the "Gigant" Plant. T. I. Rybakin. TSement 26 no.2· 29-30 Mr-Ap '60.

Resistance to the rolling of roller bearings along conveyer belts. P. N. Utrobin. Izv. vys. ucheb. zav , gor. zhur. no. 1·119-123 '60.

Selecting methods for planning automatic flow lines in manufacturing polished glass B S Temkin Stek i ker 17 no 6 19-22 Je '60

Semiautomatic control of lumber conveyers from operators' positions V.K. Nesvetailo. Der. prom. 9 no. 2 25-26 F '60.

Technological calculation and requisities for increasing the effectiveness of various types of conveyer flow. A. D. Gol'fand. Trudy LTIKHP 13·79-95 '57.

Walking assembly conveyor at the January Uprising Plant. P. S. Kaminik. Stroi. i dor mashinostr 5 no. 3 29-30 Mr '60.

CONVEYING MACHINERY—TECHNOLOGICAL INNOVATIONS

Mechanization of conveying in enterprises of the textile industry F. S Kuprlianov, F F Martynkin Mekh i avtom proizv 14 no. 3 39-44 Mr '60.

Mechanizing the hoisting and conveying of heavy parts and units. D. V. Kazmenko Mashinostroitel' no. 4 10-13 Ap '60

Over-all mechanization of the conveying of cylinder blocks. M. I Papeev, B I Kukhovarenko Mashinostroitel' no 4 15-16 Ap '60.

Review of "Using electric vibration techniques in conveying" by I. F. Goncharevich, L P. Strel'nikov, B. A. Rozentreter. Mekh. i avtom proizv 14 no 3 57 Mr '60.

CONVICT LABOR

Codification of corrective labor legislation. IU. B. Utevskii, A. M. IAkovlev. Sov. gos. i pravo no. 5:37-45 My '60.

COOKERY

Advice to the cook A Kazenova Obshchestv. pit no 4 22-25 Ap '60.

Advice to the cook. Obshchestv. pit. no. 3·15-16 Mr '60.

Cook Smachnen'kyi's advice Ukraina no 5 31 Mr '60

Cookery. Rab. i sial. 36 no. 2·3 of cover F '60.

For house cooking Obshchestv pit. no. 4 61-62 Ap '60

From the culinary expert's notebook Obshchestv pit no 4·30-32 Ap '60

Home confectionery: pastry, cakes, etc... Obshchestv. pit. no. 3 56-58 Mr '60.

Letters to the editor Obshchestv. pit no 4 45-46 Ap '60

Maslov, L. A. [Culinary art] Kulinariia. Izd. 5., stereotipnoe. Moskva, Gos. izd-vo torg. lit-ry, 1960. 292 p.

COOKERY—EXHIBITIONS see subdivision under Azerbaijan

COOKERY (FRUIT)

Danilenko, M. P. [How to prepare in your home pastries and other products from dough, desserts, juices, and preserves for winter, a manual for young housewives] Kak prigotovit' doma konditerskie i drugie izdeliia iz muki, sladkie bliuda, varen'e, soki i pripasy na zimu; posobie dlia molodykh khoziaek. Moskva, Gos. izd-vo torg. lit-ry, 1959. 186 p.

COOKERY (POTATOES)

Fried potatoes. IA. Magidov Obshchestv. pit. no 4: 26-28 Ap '60.

COOKERY, UKRAINIAN

[Ukrainian cookery] Ukrains'ki stravy. Vyd. 2. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1960. 451 p.

COOKERY, UZBEK see subdivision under Uzbekistan

COOKING SCHOOLS see subdivision under Khosta; Yalta

COOPER, THOMAS, 1759-1840

Thoughts of an American atheist A IA Levin, I. IA. Levitas. Nauka i zhizn' 27 no. 3;57 Mr '60.

COOPERATION

Cooperation abroad. Sov. potreb. koop. 4 no. 2:42-43 '60.

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Bessonovka; Daghestan; Japan; Kamchatka; Ryazan; Samarkand Province; Tuva Autonomous Province; Vinnitsa Province)

Brief news. Sov. potreb. koop. 4 no. 2:43 '60.

Editor's mail. Sov. potreb. koop. 4 no. 2:36-37 '60.

Editor's mail. Sov. potreb. koop. 4 no. 3:84-86 Mr '60.

For the fulfillment of the yearly plan ahead of time. Prom. koop. 14 no. 3:33 Mr '60.

Sov. potreb. koop. 4 no. 2;1-2 '60.

In producers' cooperative societies of the Union Republics Prom. koop. 14 no. 4:37 Ap '60.

Let's completely fulfill the objectives proposed by the party and the government, speech by the Vice Chairman of the Council of Ministers of the R. S. F. S. R. A. I. Struev. Prom. koop. 14 no. 3:8 Mr '60.

Let's eliminate shortcomings and strive for new successes, from the report of A. P. Zagovel'ev on the work of the administration of the Council of Producers' Cooperatives of the R. S. F. S. R. Prom. koop. 14 no. 3: 2-7 Mr '60.

Members of the Council of Producers' Cooperatives of the R. S. F. S. R. Prom. koop. 14 no. 3·25 Mr '60.

Soviet women cooperationists and the International Cooperative Women's Guild. L. Khovanskaia. Sov. potreb. koop. 4 no. 3·78-80 Mr '60.

The tasks of consumers cooperative societies in fulfilling the resolutions of the December Plenum of the Central Committee of the CPSU; in the year 1959. A. P. Klimov. Sov. potreb. koop. 4 no. 3·3-11 Mr '60.

To new frontiers. V. Kornienko, IU. Khachaturov. Sov. potreb. koop. 4 no. 3·12-34 Mr '60.

When poor management was flourishing. A. Chudnovskii. Prom. koop. 14 no. 3·38 Mr '60.

COOPERATIVE SOCIETIES—CONGRESSES

Diary of a congress. Prom. koop. 14 no. 3:11-19 Mr '60.

Resolution of the third All-Russian Congress of the Representatives of Producers Cooperative Societies concerning the report of the administration of the Council of Producers' Cooperatives of the R. S. F. S. R. Prom. koop. 14 no. 3;20-25 Mr '60.

Third All-Russian Congress of the Representatives of Producers' Cooperative Societies. Prom. koop. 14 no. 3:1 Mr '60.

COOPERATIVE SOCIETIES—FINANCE

A necessary textbook ("Financing and crediting of cooperative societies" by M. B. Bogachevskii and others. Reviewed by A. Birman). Sov. potreb. koop. 4 no. 3: 90-92 Mr '60.

COOPERATIVE SOCIETIES—LAW

Filastor, M. I. [Laws that regulate the work of members of the producers' cooperatives of disabled persons] Pravovoe regulirovanie truda chlenov kooperativnykh promyslovykh artelei invalidov. Moskva, Vses. koop. izd-vo, 1959. 74 p.

COOPERATIVE SOCIETIES—STUDY AND TEACHING

Notes on the work of the 29th international cooperative school of the International Cooperative Alliance. V. Volosov. Sov. potreb. koop. 4 no. 2;41-42 '60.

COORDINATES

Computing and adjusting the coordinates of an isolated point determined by linear intersection V L Kagan Geod. i kart. no. 2;21-26 F '60.

COPEPODA see subdivision under Aral Sea

COPPER

Activation energy of the contact reduction of copper in solution by powdered nickel B. V. Drozdov. Zhur prikl. khim. 33 no 3 633-635 Mr '60.

Behavior of arsenic and antimony in the electrolytic refinement of copper. B. V. Drozdov. Zhur. prikl khim 33 no. 3,662-667 Mr '60.

Intensification of the process of "activating" copper in the production of copper sulfate A I Kinevskii Zhur prikl khim. 33 no 3 608-612 Mr '60.

Rate of dissolution of copper in diluted solutions of sulfuric acid containing oxygen, and copper and iron sulfates. A. I. Kinevskii Zhur prikl. khim 33 no. 3 603-606 Mr '60.

Ways to reduce copper consumption on electrified railroads. I. I. Vlasov. Vest. TSNII MPS 19 no. 2;9-14 '60.

COPPER—METALLURGY

X-ray investigation of the reduction processes of certain ferrates V. N. Bogoslovskii. Fiz. met. i metalloved. 8 no. 6;857-860 D '59.

COPPER—WELDING

Electric conductivity of welded copper joints L. E. Fedotov Svar. proizv no. 2 35 F '60.

COPPER CHLORIDE

Haloarylation of unsaturated compounds by aromatic diazo compounds Part 11· Polarography and absorption spectra of phenyl- and n-tolyldiazonium chloride solutions containing cupric chloride A. I Lopushanskaia, A. V Dombrovskii, V. I. Laba. Zhur ob khim. 30 no. 6,2047-2051 Je '60.

COPPER COMPOUNDS

Determination of tin by means of copper aryl- and diarylthiosemicarbazidinates. N. V. Koshkin. Izv. vys. ucheb. zav. ;khim. i khim. tekh. 3 no. 1;56-58 '60.

Effect of long-range and short-range order on the deformation of the Cu_3Au alloy at various rates of plastic stretching L I Vasil'ev and others Izv vys ucheb zav ,fiz no 6 48-60 '59

COPPER HYDROXIDE

Experimental studies of laminar systems Part 25 Electron microscopic investigation of the structure and mechanism of formation of ultrathin copper hydroxide films formed on a solid surface [with summary in English] E M. Kazakov, G A Kitaev, G Mokrushin Koll zhur. 22 no 1 23-24 Ja-F '60

COPPER IN THE BODY

Amounts and chemical form of copper and manganese in experimental C-avitaminosis [with summary in English] V. O. Saviych. Ukr. biokhim. zhur 32 no. 1 100-106 '60.

COPPER METABOLISM

Copper metabolism in lactating cows. R. N. Odynets. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:139-147 '59.

COPPER-NICKEL ALLOYS see Nickel-copper alloys

COPPER PLATING

Adhesion to iron of copper deposited from complex ethylenediamine electrolytes. N. V. Osetrova, P. S. Titov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:154-157 '60.

Coppering aluminum by contact reduction N S. TSvetkov, O. S. Zarechniuk Zhur prikl khim 33 no 3 636-644 Mr '60.

COPPER STEEL

One of the causes of hot crack formation. A. N. Mirza. Vest. TSNII MPS 19 no. 2,56-57 '60.

COPPER SULFATE

Dehydration of copper sulfate pentahydrate in a stream of air at specific water vapor pressures. G. V. Sakovich, V. F Komarov. Zhur. neorg. khim. 5 no. 2;381-384 F '60.

Intensification of the process of "activating" copper in the production of copper sulfate A I Kinevskii Zhur prikl khim 33 no 3 608-612 Mr '60.

Reaction of alkenes with diazoacetic ester in the presence of the catalyst $CuSO_4$. A. P. Meshcheriakov, I. E. Dolgii. Izv. AN SSSR Otd. khim. nauk no. 5 931-934 My '60.

COPPER SULFATE—PHYSIOLOGICAL EFFECT

Influence of an excess of copper on thyroid gland function. Z. V. Novokhatskaia. Vrach. delo no. 2·155-157 F '60.

COPPER SULFIDES—ELECTROMETALLURGY

Electrochemical disintegration of copper sulfides. M. M. Sorokin. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 3;104-108 My-Je '60.

COPPER-TITANIUM ALLOYS—METALLOGRAPHY

Phase transformations during the aging of copper-titanium alloys. E. G. Nesterenko, K. V. Chuistov. Fiz. met. i metalloved. 9 no. 3·415-421 Mr '60.

COPYRIGHT—ART

(see also subdivision under Hungary)

Let's regulate the work of artists who work for industrial enterprises. I. Brodskii. Sov. iust. no. 2 44-45 F '60.

CORALS, FOSSIL see subdivision under Donets Basin; Dzhezkazganskiy District; Kuznetsk Basin

CORE DRILLING

Improving chucks for electric core drills. V. IU. Berezovskii. Bezop. truda v prom. 4 no. 3;20-21 '60.

Increasing core recovery in deep well drilling. P. V. Kutsyn. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2 64 '60.

Means for increasing core recovery. S. A. Volkov. Razved. i okh. nedr 25 no. 12,13-21 D '59.

COREMAKING

Mechanical clamps for core boxes. N. N. Pesliakov. Mash. Bel. no. 6;203-204 '59.

Sandblast apparatus for making cores. V G. Sviridov Biul. tekh. -ekon inform no 2 11-12 '60

CORN (MAIZE)

(see also subdivision under Azerbaijan; Kursk Province; Shafrikan District; Soviet Far East; Ukraine)

Change in certain physiological and biochemical properties of corn induced by stimulation before sowing [with summary in English]. U. A. Petrochenko. Ukr. bot zhur. 17 no 1 40-46 '60.

Comparative effectiveness of the action of different phosphates on the growth and yield of oats and corn. K. V. Kalinin. Izv. TSKhA no. 6:95-106 '59.

Corn and the development of a socialist economy. V. Poliakov. Ekon. sel'khoz. 31 no. 3 23-30 Mr '60

Corn is milk, meat, and butter... P. A. Zabaznyi, N I. Kapitanenko Nauka i zhizn' 27 no. 3 27-30 Mr '60

How to assure high-quality planting of corn I M Semeniuk. Mekh sil' hosp 11 no. 3 8-9 Mr '60.

Let's continue the campaign for a big corn crop IUn. nat. no 5 30-32 My '60.

CORN (MAIZE) (Continued)

Let's cultivate corn successfully. Part. zhizn' no.12:65-70 Je '60.

Long-term experiments on corn conducted by school boys. I. A. [illegible]ov. [illegible] prof. [illegible] no.1:17-19 [illegible] '60.

Machinery for cultivating corn. O. I. [illegible]lenko, M. K. [illegible]denko. Mekh. sil'. hosp. 11 no.4:19-21 Ap '60.

One more corn processing plant has been put into operation. N. [illegible]ov. Muk.-elev. prom. 26 no.1:20 Ja '60.

Queen of the fields. [illegible] Klub. 9 no.2:7 [illegible] '60.

Russia(1923- U.S.S.R.) Ministerstvo sel'skogo khoziaistva. Glavnaia inspektsiia po zemledeliiu. [Good corn; a handbook] Horoshee vozdelyvanie kukuruzy; spravochnik. Moskva, Izd-vo M-va sel'khoz. SSSR, 1960. 276 p.
(DA)

Rybakovskii, M. A., V. P. Petrov, and B. G. Balkovich [Manakovskii experience in growing corn] Opyt Manakovskogo po vozdelyvaniiu kukuruzy. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 57 p.
(DA)

Schools should be promoters of new planting of corn. A. [illegible]. [illegible] prof. [illegible] no.3:61-64 Mr '60.

Special problems of operating machinery used in cultivating and harvesting corn. G. Rikh[illegible], N. [illegible]. Tekh. v sel'khoz. 20 no.3:11-18 [illegible] '60.

Structural changes in the stalk and leaves of corn caused by [illegible] starting on them. A. D. [illegible]. Bot. zhur. 45 no.3 [illegible] '60.

Working out basic cultivation practices for corn on peat soils. S. I. [illegible] and others. Trudy [illegible] [illegible] no.[illegible] '60.

CORN (MAIZE) – FERTILIZERS AND MANURES

Uptake of substances through leaves and roots in corn [with summary in English]. A. R. Pavlo[illegible]. [illegible] no.3:[illegible] '60.

CORN (MAIZE) – WATER REQUIREMENTS see sub-division under Alcaline

CORN OIL

Oil from corn. V. M. Kovtchko. Masl.-zhir. prom. 26 no.6:16-17 Je '60.

CORN PRODUCTS

New formulation. [illegible]. [illegible] no.[illegible] '60.

CORNEA

Mitotic activity of the epithelium of the [illegible] and the cornea in [illegible] and following of [illegible]. V. N. [illegible]. Biul. eksp. biol. i med. 49 no.[illegible] '60.

CORNEA – DISEASES

[illegible] and its use in treating keratitis. [illegible] [illegible] no.[illegible] '59.

CORNEA – WOUNDS AND INJURIES

On [illegible] of [illegible] penetrating wounds of the cornea [illegible] plastic surgery. B. T. [illegible]. Vest. oft. [illegible] no.[illegible] '60.

CORNICES

Control [illegible] for [illegible] details of precast concrete. Bet. i zhel.-bet. no.11 [illegible] '59.

CORNSTARCH see subdivision under Starch

CORONA (ELECTRICITY)

Effect of some meteorological factors of high mountain areas on the corona [illegible] in stations of electric installations. [illegible]. Izv. AN Arm. SSR. [illegible] 13 no.[illegible] '60.

Features [illegible] of electric energy to the regions of mountain [illegible]. R. A. [illegible] and others. Izv. AN Arm. SSR. [illegible] 13 no.[illegible] '59.

Mountain station of the Kirghiz Academy of Sciences. V. N. [illegible]. Vest. AN SSSR 30 no.6:90-91 Je '60.

CORONARY VESSELS – DISEASES

Coronary insufficiency as shown by electrocardiographic data on patients with acute inflammation. V. G. Zh[illegible]ko. Mat. probl. [illegible] no.2:50-54 '60.

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under Rostov)

An attainable means for improving state farm accountants' qualifications. V. N. [illegible]. [illegible] sovkhoz. 12 no.6:[illegible] Je '60.

On [illegible] the article of Comrade [illegible]. G. M. Efimov [illegible] no.[illegible] '60.

Special rights of students of correspondence and evening institutions of higher education and technical schools. E. V[illegible]. Biul. [illegible] no.11:[illegible] '60.

Urgent problems of academic instruction and training of students in the schools for working youth. V. I. [illegible]. Sov. pedag. 24 no.[illegible] '60.

What are the rules for admission to and study in foreign language correspondence courses. Biul. [illegible] no.11:[illegible] '60.

CORROSION AND ANTICORROSIVES

Anticorrosion technique in the production of synthetic [illegible]. [illegible] V. Ch[illegible]. Mezhd. [illegible] prom. [illegible] no.[illegible] Ap '60.

Corrosion of wire reinforcements in a [illegible]. [illegible] Mikhailov. [illegible] no.[illegible] '60.

Effect of a magnetic field on metal corrosion and [illegible] formation during the heating of [illegible]. [illegible]. Izv. vys. ucheb. zav.; khim. i khim. tekh. [illegible] no.[illegible] '60.

Effect of industrial inhibitors of acid corrosion on the hydrogen embrittlement of steel. [illegible]. [illegible] no.[illegible] '60.

Electrochemical method of studying the [illegible] properties of [illegible]. A. M. [illegible]. [illegible] no.[illegible] '60.

Lit[illegible]ova, P. I. [Guide to laboratory work on corrosion and the protection of metals] Rukovodstvo k laboratornym rabotam po korrozii i zashchite metallov. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 71 p.

Method of determining the corrosion resistance of metals in contact with [illegible]. I. M. [illegible]. Zav. lab. 26 no.[illegible] '60.

Method of improving the adhesion and [illegible] properties of protective and [illegible] coats of paints. A. I. [illegible]. [illegible] no.[illegible] Mr '60.

Methods of protecting ship mechanisms. I. V. [illegible]. Trudy [illegible] and prom. no.[illegible] '59.

Protection of [illegible] and equipment against corrosion. [illegible] prom. [illegible] no.[illegible] '60.

Testing the corrosion resistance of certain metals toward products of [illegible] oxidation of natural gas. [illegible] prom. no.[illegible] '59.

Use of a rapid method of detecting [illegible] suitable to [illegible] cracking. [illegible] no.[illegible] '59.

Vsesoiuznoe [illegible] [Interaction and corrosion of [illegible]] [illegible]. Moskva, [illegible] 1959. 154 p.

CORROSION FATIGUE

[illegible] of a [illegible] in [illegible]. [illegible] and others. [illegible] no.[illegible] '60.

CORROSION PROOF

[illegible] of the [illegible]. [illegible] no.[illegible] '60.

CORTICOTROPHIC HORMONES see ACTH

CORTISONE

Possibility of [illegible] [with [illegible]]. [illegible] no.[illegible] '60.

Two cases of [illegible] in acute [illegible] treated with cortisone. Z. I. [illegible], [illegible] Kozlova. Vrach. delo no.2:[illegible] '60.

Use of cortisone for the [illegible] [with summary in [illegible]]. [illegible]. [illegible] no.[illegible] '60.

Use of cortisone for the [illegible] [with summary in [illegible]]. A. I. [illegible]. [illegible] no.2:[illegible] '60.

CORUNDUM

Effect of admixtures of [illegible] on the rate of decomposition of aluminate [illegible]. V. A. [illegible]. [illegible] no.[illegible] Mr '60.

Melting of electrocorundum in a [illegible]. [illegible] and others. [illegible] no.[illegible] Mr '60.

What's new in the synthesis of corundum [illegible]. [illegible] Kr[illegible]gorodskii, [illegible]. [illegible] no.[illegible] '60.

COSMETICS

Some balance sheets of the operations of the perfume and cosmetics industry and the essential oil industry in 1959. Masl.-zhir. prom. 26 no.6:1-7 Je '60.

COSMETICS – EXHIBITIONS

Exhibition of perfumes and cosmetics. M. I. [illegible]. Masl.-zhir. prom. 26 no.4:[illegible] Ap '60.

COSMIC RAYS

[illegible]. V. [illegible]. [illegible] 38 no.[illegible] '60.

[Physics of [illegible], cosmic rays, and [illegible]. Translated from the [illegible]] [illegible]. Vol. [illegible]. [illegible] p.

COSMOGONY

[illegible]

COSMOLOGY

[illegible] 20 [illegible]

COST AND STANDARD OF LIVING

(see also [illegible])

[illegible] in the [illegible]

[illegible]

[illegible] B. Mallas [illegible]

COST ACCOUNTING – [illegible] – AGRICULTURAL [illegible]

[illegible] Vestn. [illegible]

COST [illegible]

(see also [illegible])

[illegible]

COSTS

[illegible]

COTTON

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

COTTON – FERTILIZERS AND MANURES

[illegible]

COTTON – [illegible]

[illegible] A. [illegible]

COTTON – THERMAL PROPERTIES

[illegible]

COTTON – VARIETIES

Effect of different [illegible] on the length [illegible], vitality, and certain [illegible] features of [illegible] maturity [illegible] [in [illegible], with [illegible]]. T. A. [illegible]. Izv. AN [illegible] no.[illegible] '59.

COTTON FABRICS

[illegible]

[illegible]

COTTON GROWING

(see also subdivision under [illegible])

[illegible] M. A. [illegible]

[illegible] Moskva, [illegible]
(DA)

COTTON GROWING – LABOR PRODUCTIVITY

[illegible] Mr '60.

Effectiveness of the varnish of the Turkmen Dermato-Venereological Institute in the prevention of pustular diseases in cotton pickers. A. I. Slavnin, I. U. Usmanov, V. P. Tikhonov. Med. zhur. Uzb. no 11·76-77 N '58.

COTTON-PICKING MACHINERY

(see also subdivision under Uzbekistan)

New design of a spindle unit for the SKhS-1, 2 cotton picker. G. B. Fiks-Margolin, V. N. Kryshtal'. Trudy Sred.-Az. politekh inst no. 3 49-52 '57

We do not need a checkwire. Izobr. i rats. no. 3:37 Mr '60.

COTTON SPINNING

Development of the drawing device in cotton spinning. P. N. Bartnova. Trudy Inst. ist. est. i tekh. 29 328-351 '60.

Selecting the most effective draft apparatus in cotton manufacture. M. F. Belov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 1:156-157 '60.

COTTON SPINNING—TECHNOLOGICAL INNOVATIONS

see subdivision under Kherson; Lvov

COTTON WASTE

Industry must have a good grade of cotton batting. N. Ugrimova. Prom. koop. 14 no. 3·29-30 Mr '60.

COTTONSEED

Determination of the hust content of the cottonseed kernel flesh, pulp, and oil cake. A I Gan. Masl.-zhir prom 26 no. 6 10-11 Je '60.

Machine for removing lint from cottonseed Vest AN SSSR 30 no 6 102 Je '60

Prospects in the development of cottonseed delinting processes I. B. Merkin. Tekst. prom. 20 no. 2.10-21 F '60.

COTTONSEED OIL

Changes in the acid number of cottonseed oil during storage and transportation. B. IA. Sterlin, S. N. Burnasheva. Masl.-zhir. prom. 26 no. 3;10-12 Mr '60.

Fractionation of fatty acids in soapstocks from cottonseed oil. A. S. Magdamov, A. L. Markman. Trudy Sred.-Az politekh inst no. 3 18-22 '57.

COUMARIN

Use of dicoumarin in myocardial infarct. L. A. Dorosh. Med. zhur. Uzb. no. 11;31-33 N '50.

COUNTERGLOW

Nature of the counterglow. V. G. Fesenkov. Meteoritika no 17 116-120 '59.

COURAGE

Soviet people Agitator no. 6 24-31 Mr '60

COURLAND LAGOON—BENTHOS

Benthos as food supply of fishes in the Courland Lagoon. T S. Pergament Trudy BaltNIRO no 4.340-376 '58

COURLAND LAGOON—BREAM

State of bream and pike perch resources in the Courland Lagoon and outlook for their fisheries in 1958-1959 A S. Noskov. Trudy BaltNIRO no 4 335-339 '58

COURLAND LAGOON—PERCH

State of bream and pike perch resources in the Courland Lagoon and outlook for their fisheries in 1958-1959 A.S. Noskov. Trudy BaltNIRO no. 4·335-339 '58

COURTS

(see also subdivision under Czechoslovakia, Germany, West; Gorokhovets District, Krasnoyarsk Territory; Novgorod Province; Ukraine; Vladimir Province)

Decision no. 5 of the plenum of the Supreme Court of the U.S.S.R. Sov. iust. no. 2 27-28 F '60.

"Educational role of the Soviet court in criminal cases" by M IU. Raginskii. Reviewed by M. IA. Savitskii. Sov. gos. i pravo no. 6 138-140 Je '60.

Not for immitation. Sov. iust. no. 2:92 F '60.

COURTS-MARTIAL AND COURTS OF INQUIRY

From the history of the struggle of tsarist justice against the revolutionary movement ("TSarist military courts in the struggle against the Revolution of 1905-1907" by N. N. Polianskii. Reviewed by V. S Pokrovskii). Sov. gos i pravo no. 5.137-139 My '60.

From the notebook of a member of the military tribunal. S. Romanovskii. Sov. iust. no. 2:62-69 F '60.

COWS

Copper metabolism in lactating cows. R. N. Odynets. Izv. AN Kir. SSR, Ser. biol. nauk 1 no. 1·139-147 '59.

Effect of an SK-9 emulsion on certain economic and physiological characteristics of cows. N. G. Khamitov. Uzb. biol. zhur. no. 1 53-57 '60.

Studying various stages of the oestrus cycle in cows [with summaries in English, German, and French]. N I Poliantsev Vest. sel'khoz. nauki 5 no. 2;57-60 F '60.

COWS—FEEDING AND FEEDS

How feed rations with various potassium content affect the mineral metabolism in lactating cows [with summaries in English, German, and French]. V. M. Shcherbakov. Vest. sel'khoz. nauki 5 no. 2·53-56 F '60

Nutria. A A. Kaplin. Priroda no. 6.93-95 Je '60.

CRACKING PROCESS

Low temperature catalytic cracking of solid hydrocarbons. N. I. Chernozhukov, L M. Rogacheva Izv. vys ucheb. zav, neft' i gaz 3 no 2 99-106 '60.

CRADLES

The Tungus cradle; in connection with the problem of Tungus-Manchu ethnogeny. G M Vasilevich Sbor Muz. ant i etn 19 5-28 '60

CRAMBE

Germination inhibitor from fruit of Crambe tataria Sebeok [with summary in English] A M. Hrodzinskyi, H. O. Kuznetsova, L. I. Musatenko Ukr. bot zhur 17 no. 1 29-39 '60.

CRANACH, LUCAS, 1472-1553

Iconography of a folding altar by Lucas Cranach the Elder. A Nemilov Soob. Gos Erm. no. 16 32-34 '59.

CRANBERRY TREE

Germination of seeds in the cranberry tree (Viburnum opulus L.) T. T Trofimov Vest Mosk un Ser biol, pochv, geol, geog 14 no 4·33-40 '59

CRANE FLIES

Materials on the systematics of Palaearctic crane flies (Diptera, Tipulidae) of the subgenus Vestoplex Bezzi, genus Tipula L. E. N. Savchenko. Trudy Vses. ent ob-va 17.143-216 '60.

CRANES, DERRICKS, ETC.

(see also subdivision under Great Britain)

All-purpose cantilever sluice crane with a capacity of 80 tons D A Romanov, E K Gaizhutis Mekh stroi 17 no 6 14-17 Je '60

All-purpose self-propelled tower jib cranes. M. P. Khodov, L. N. Shchipakin. Mekh. stroi. 17 no. 3 9-14 Mr '60.

Annotations of articles from foreign periodicals. Stroi i dor. mashinostr 5 no 3 10 Mr '60

Conference on the improvement of construction elements and the performance of building and assembling cranes P. A. Zimin, V. I. Idashkin. Mekh. stroi. 17 no. 3 26-28 Mr '60.

Crane for assembling trestles and bridges. A. Z. Amstislavskii, A. A. Brovkin, A. K. Roshchin Mekh. stroi. 17 no. 3 17-19 Mr '60.

Crane for lifting building materials and other loads through window and door openings of unfinished buildings Rats i izobr predl v stroi no 14 21-22 '60

Crane for loading coal and other freight along railroad lines of the Kaluga Milling Combine I Porkhomovskii Muk-elev prom 26 no 2 26-27 F '60

Determining welding deformations in crane beams during manufacture. R. S. Florov, A. I. Lur'e. Prom. stroi. 38 no. 3·55-57 '60.

Device for protecting tower cranes against wind loads. A. S. Nikitskii. Mekh. stroi. 17 no. 3·22-23 Mr '60.

Economic effeciency of introducing KTS-5-10 cranes. V. F. Ezkin. Transp. stroi 10 no. 1 29 Ja '60.

Improved pavement of crane tracks. B. Ivanov. NTO 2 no. 3;28 Mr '60.

The KTS-3-5 tower crane. M. V Pustil'nikov Transp stroi. 10 no 3·38-39 Mr '60

Methods for evaluating the economic effectiveness of using cranes in construction. S. E. Kantorer. Mekh. stroi. 17 no. 3;23-25 Mr '60.

Modernization of the SBK-1 tower crane A I Gorbachev, P N Makar'ev, P I Nefed'ev Mekh stroi 17 no 6 12-14 Je '60

Modernization of tower cranes. A. G. Lobov. Mekh. stroi. 17 no. 3;14-17 Mr '60.

Motor cranes for building and assembling operations A V Golinenko Mekh stroi 17 no 6 8-12 Je '60

New tower cranes abroad. L. A. Nevzorov. Mekh. stroi. 17 no. 4:30-32 Ap '60.

Notes on hoisting cranes in Russia before the beginning of the 19th century. Vs. I. Ostol'skii. Trudy Inst. ist. est. i tekh. 29 50-91 '60.

One crane operates in two building zones. V. V. Chipashvili. Mekh. stroi. 17 no. 3;20-22 Mr '60.

Operating heavy-duty bridge cranes N N. Grishaev Vest mash 40 no 4 19-21 Ap '60

Preventing the overloading of motor cranes. A. I. Goldshtein, R B. Virkerman Transp. stroi. 10 no 3·54-55 Mr '60.

Principles of hygiene to be considered in designing cabins for modern building cranes. E. F. Medvedeva. Mekh. stroi. 17 no. 4:27 Ap '60.

Provide construction sites with an adequate supply of building cranes. Mekh. stroi. 17 no. 3 1-2 Mr '60.

Reinforced concrete counterbalance for tower cranes A T Migukin. Stroi. i arkhit Len 22 no 2 30 '60

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam.

Sbornik 28.	[Assembling the hoisting and conveying equipment] Montazh pod"emno-transportnogo oborudovaniia.
No. 2.	[Non-continuous equipment] Oborudovanie preryvnogo deistviia. 1960. 186 p.

Tolcheev Mont. i spets. rab. v stroi 22 no 3 21-22 Mr '60

Self-erecting KTS-5-10 tower crane. G. P. Tarakanov. Transp. stroi. 10 no. 1 27-28 Ja '60.

Specialization of cranes in assembly-line building of reinforced concrete structures [with summary in English, p. 66] B H. Chebotkov Visnyk ABiA URSR no 1·37-43 '60

Statistical studies of crane loads A A Bat', B N Koshutin Stroi mekh i rasch soor 2 no 3 1-5 '60

Technical means for over-all mechanization of assembling large-panel buildings N Kaniuka, M. Kucher, A. Novatskii Stroi i arkhit 8 no. 3 26-38 Mr '60

Temporary instruction on making and using crane runways. G. A. Kotov. Mekh. stroi. 17 no. 4:3 of cover Ap '60.

Values of the retardation and drag torque of rail-travel mechanisms of cranes. S. A. Kazak. Vest. mash. 40 no. 3·32-35 Mr '60.

What kind of cranes do builders need. V. A. Ivanov, V. I. Poliakov. Mekh. stroi. 17 no. 3 3-8 Mr '60.

CRANES, DERRICKS, ETC.—BIBLIOGRAPHY

see Bibliography—Cranes, Derricks, etc

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Blocking device for d.c. trolleys of electric bridge cranes. T. I. Aleksandrov. Bezop. truda v prom. 4 no 3·21 '60

CRANES, DERRICKS, ETC.—TRANSPORTATION

Transporting tower cranes without dismantling them. Rats. i izobr. predl. v stroi. no. 13·40-41 '59.

CRANIOLOGY

Anthropological characteristics of Slavic tribes of the Dnieper and Oka Valleys in the Middle Ages. T I Alekseeva Vop antr no 1 97-101 '60.

Characteristics of metopic skulls correlated with the degree of masticatory musculature development M I Urysson Vop antr no 1 31-44 '60

Data on the horizontal profile of the facial bone structure in fossil man. Ts'ui Chen-yao Vop antr no 1 89-95 '60

Experimental-morphological trend in craniology B. A Nikitiuk Vop antr no. 1 121-127 '60

Facial bone structure and factors determining its variations V V Bunak Trudy Inst ent 50·84-152 '60

Factors determining the form and relief of the endocranium V I Kochetkova Vop antr no 1 15-30 '60

Hypsistenocephaly as an adaption trait in a tropical zone. V P Volkov-Dubrovin, IA. IA Roginskii. Vop antr. no 1 45-55 '60

Materials for age morphology of man's skull. N S Sysak Trudy Inst ent 50·29-41 '60

Regularities in the obliteration of sutures on the outer surface of the human skull. B. A Nikitiuk Vop antr no 2.115-121 '60

Transversal depression of facial bone structure. N. A. Abinder Trudy Inst ent 50·153-178 '60

CRANKS AND CRANKSHAFTS

Analytic investigation of the motion of an arbitrarily selected point on the connecting rod of a crank mechanism. S. B. Minut. Izv. vys ucheb. zav., mashinostr. no. 7;9-10 '59

Investigating a three-dimensional crankgear. P. B. TSvilak. Dokl. LPI 3 no. 1/2·18-24 '59.

CRAWLER TRACTORS

Assemblying tensioners of S-80 tractors N. Chernyi. Tekh. v sel'khoz. 20 no. 2.61-62 F '60.

How to prolong the life of DT-54 crawler tractors. I.M. Storchak. Mekh. sil'. hosp. 11 no. 2:20-21 F '60.

More about the improvement of TDT-60 tractors P A Terentsov Les prom 38 no 2 17-19 F '60

CRAWLER TRACTORS—COLD WEATHER OPERATION

Operating DT-54 tractors in winter. L. Rodina. Tekh. v sel'khoz. 20 no. 2 43-46 F '60.

CREAM SEPARATORS

Volchkov, I. I. [Operation and repair of cream separators] Ekspluatatsiia i remont molochnykh separatorov. Izd. 3., ispr. Moskva, Pishchepromizdat, 1959. 139 p. (DA)

CREATION (LITERARY, ARTISTIC, ETC.)

Artistic skill. A. Barsuk. Rad lit. no. 2;61-80 Mr-Ap '60.

CREATION (LITERARY, ARTISTIC, ETC.)—PSYCHOLOGICAL ASPECTS

On the theory of literary aptitudes. A. G. Kovalev Uch zap LGU no 287 36-48 '60

CREATIVE ACTIVITIES AND SEAT WORK

Encouraging independent work of students in handcraft classes. S. F. Trifonov Nach. shkola 28 no. 3;56-61 Mr '60.

Kolokol'nikov, A. N [Album on hand work from paper and cardboard, manual for grades 3-4 of elementary schools] Al'bom po ruchnomu trudu raboty iz bumagi i kartona posobie dlia 3-4 klassov nachalnoi shkoly [Kalinin] Uchpedgiz, 1958. 50 p

——— Poiasnitel'nyi teksts 34 p.

Viewpoint of P. F. Lesgaft on hand work and its influence on the practice of Russian general schools. I. V. Bugaevich. Uch. zap. Ped. inst. Gerts. 193:97-119 '59.

CREDIT

(see also subdivision under Ural Mountain region)

Interuniversity academic conference. Den. i kred. 18 no. 6 93 Je '60.

Issuing credit for new machinery. I. M. Broide Sov. gos. i pravo no. 6 34-38 Je '60.

On the economic analysis of the carrying out of a credit plan. S. Vorob'ev. Den. i kred. 18 no. 6'40-42 Je '60.

Regulate the accounting and control operations of financing and issuing long-term credit. E. Khamandikov and others. Den. i kred. 18 no. 6:51-59 Je '60.

CREEP OF MATERIALS

Creep factor in designing arch dams. Wu Jui-feng. Dokl. AN Arm SSR 30 no. 2,77-86 '60.

Elements with longitudinal reinforcements calculated for compressing axial forces taking into account the creep of concrete S V Poliakov Stroi mekh i rasch soor 2 no 3 5-9 '60

Integrating equations of unsteady creep of solids. P. S. Kuratov, V. L. Rozenblium. Prikl. mat. i mekh. 24 no. 1 146-148 Ja-F '60.

Theory of the creep of materials. A. M. Ivanov. Izv. vys. ucheb. zav.; strol. i arkhit. no. 11/12·86-91 '59.

CREEP OF METALS

One hypothesis in the theory of triaxial creep. V S. Namestnikov. Izv. Sib. otd. AN SSSR no. 2·3-14 '60.

Recovery under load in the process of diffusion creep in ceramic metals B. IA. Pines, A F. Sirenko Izv. vys. ucheb. zav.; chern met no. 5 121-129 '60.

Studying the temperature dependence of the creep limit of steel at low loading speeds. V G. Savitskii, K. V. Popov. Izv. Sib. otd. AN SSSR no. 2.15-21 '60.

CREOSOTE

Distribution of the constituents of wood-chemical creosote in a system of immiscible organic solvents G M. IUdkovich Gidroliz i lesokhim prom 13 no 2 13 '60

CREOSOTE OIL

Increasing the functionality of coupled phenols isolated from creosote oil obtained in the thermolysis of beech wood I V. Smolanka, G S. Chekriy. Gidroliz i lesokhim. prom 13 no. 2 11-12 '60

CRIME AND ALCOHOLISM see Alcoholism and crime

CRIME AND CRIMINALS

(see also subdivision under Tajikistan; United States)

Gurvich, IA. E., and V. P. Ilarionov. [If a man stumbles...] Esli chelovek ostupilsia... Moskva, Izd-vo "Znanie," 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 16)

Kosarevich, A. N. [Soviet community in the struggle with crime] Sovetskaia obshchestvennost' v bor'be s prestupnost'iu. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 26 p.

Society and crime. Lev Sheinin. V zashch. mira no. 2:55-61 F '60

CRIME PREVENTION

(see also subdivision under Perm)

Crime and punishment. P. Skomorokhov. Moskva 4 no. 2:191-199 '60.

Decision no. 5 of the plenum of the Supreme Court of the U. S. S. R. Sov. iust. no. 2·27-28 F '60.

Great power of the community. IU. Kalenov. Sov. potreb. koop. 4 no. 3:39-42 Mr '60.

Integration of experience helps to prevent the violation of law. I. Gorokhov. Sov. iust. no. 3·45-46 Mr '60.

Our people and the strengthening of socialist law and order G. Anashkin, N. Babin Kommunist 37 no 10 51-62 Jl '60.

The passport to life. E. Gudilinin, V. Sinaiskaia. Mol. komm. no. 3 80-87 Mr '60.

Western criminologists on the struggle against crime. Francoise Reiss. V zashch. mira no 3:72-76 Mr '60.

CRIMEA—ANTHROPOLOGY

Anthropological explorations in the Crimea. K. F. Sokolova Vop. antr. no. 2:135-136 '60.

CRIMEA—APRICOT—VARIETIES

Varieties of apricots and peaches for preservation and their distribution, in the Crimean districts. I. N. Riabov. Kons. i ov. prom. 15 no. 4·26-31 Ap '60.

CRIMEA—AUDITING

More about interdepartmental control. Z. Vulitskii, A. Tiaptin. Fin. SSSR 21 no. 6:73-75 Je '60.

CRIMEA—BOTANY

Mineral composition of vegetation as related to soil formation in forests of the Crimean foothills [with summary in English] N. N Dzens-Litovskaia. Vest LGU 15 no. 12 110-126 '60.

CRIMEA—CAVES

Scouts of subterranean rivers. IU. Gur'ev. Ogonek 38 no. 18,30-31 My '60.

CRIMEA—CLOVER

Ecology and geographical distribution of wild clovers in the Crimea. G. T. Shimkus. Bot. zhur. 45 no. 3 436-441 Mr '60.

CRIMEA—EXCAVATIONS (ARCHAEOLOGY)

Paleolithic expedition of the Anthropological Institute and Museum of the Moscow University in 1957-1958. M D. Gvozdover, N. O Bader Vop. antr no 2 127-132 '60

CRIMEA—GEOLOGY, STRATIGRAPHIC

Albian deposits in the eastern Crimea. V. V. Drushchits, T. N. Gorbachik. Vest. Mosk un. Ser. biol , pochv. , geol., geog 14 no 3 117-122 '59

Stratigraphy of Triassic and lower Jurassic sediments in the Crimea M. V. Muratov Izv. vys. ucheb. zav., geol. i razv 2 no 11·31-41 N '59

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.

"Treatment of cardiovascular diseases at Crimean health resorts" by S. R. Tatevosov. Reviewed by S. Shteinberg. Vrach. delo no. 2·205-207 F '60

CRIMEA—INSECTS

Origin of the Crimean insect fauna [with summary in English]. S. I. Medvedev. Ent. oboz 39 no. 1 34-51 '60.

CRIMEA—PEACH—VARIETIES

Varieties of apricots and peaches for preservation and their distribution, in the Crimean districts. I. N. Riabov. Kons. i ov. prom. 15 no. 4.26-31 Ap '60.

CRIMEA—RECLAMATION OF LAND

On steep land. A. Zvereva Vokrug sveta no. 4·14-16 Ap '60

CRIMEA—WATER PIPES

Construction and operation of asbestos-cement pipelines in irrigation systems T P Senkevich Vod i san tekh no 3 33-35 Mr '60

CRIMEA PROVINCE—COLLECTIVE FARMS—AUDITING AND INSPECTION

Our suggestions for control organizations on collective farms. P. A. Mikhailin. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:47-50 Mr '60.

CRIMEAN MOUNTAINS—GEOLOGY—STUDY AND TEACHING

Conducting geological field work for second-year students of the Krivoy Rog Institute of Mines. L. S. Belokrys. Izv. vys. ucheb. zav ;geol i razv 2 no 11: 118-124 N '59

CRIMEAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Recent data on the stratigraphy of upper Triassic and lower and middle Jurassic formations in the southwestern part of the Crimean Mountains. A. I. Shalimov Dokl. AN SSSR 132 no. 6 1407-1410 Je '60.

CRIMINAL EVIDENCE see Evidence, Criminal

CRIMINAL INVESTIGATION

(see also subdivision under Leningrad)

Authority of the investigator in procedural matters, his rights and duties. G. R. Gol'st. Sov. gos. i pravo no. 5: 123-128 My '60.

Examination of burned articles made of fabrics. A. A. Vybornova. Sov. krim. na sluzh. sled. no. 12.90-127 '59.

Findings of the medical examination of injuries in coal mines and their weight in pretrial investigation. A. P. Gromov. Sov. krim. na sluzh. sled. no. 12 69-89 '59.

Handling of radioactive substances. Sov. krim. na sluzh. sled no. 12;155-158 '59.

Identification of an automatic nail-making machine. R. A. Kentler. Sov. krim. na sluzh. sled. no. 12:139-146 '59.

Kolesnichenko, A. N., and G. A. Matusovskii. [Use of scientific and technical methods in work on traces during examination of the scene of the crime] Primenenie nauchno-tekhnicheskikh sredstv v rabote nad sledami pri osmotre mesta proisshestviia. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1960. 91 p.

Search and the examination of the supposed place in murder cases. G N. Mud'iugin. Sov. krim. na sluzh. sled. no. 12 43-68 '59.

Status of the suspect in Soviet criminal procedure. L. M. Karneeva. Sov. krim. na sluzh. sled. no. 12;3-24 '59.

Using criminal investigation methods for the solution of some problems in science and history. V. P. Vlasov. Sov. krim. na sluzh. sled. no. 12·134-318 '59.

When presumptive evidence becomes verified fact in pretrial investigation. A. M. Larin. Sov. krim. na sluzh. sled. no. 12:25-42 '59.

CRIMINAL LAW

(see also subdivision under Estonia; Poland)

Gertsenzon, A. A. [Basic principles of the criminal law of the U. S S R. and the Union Republics] Ob osnovakh ugolovnogo zakonodatel'stva Soiuza SSR i soiuznykh respublik. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 96 p.

Judicial practice in the application of the "Basic principles of criminal law." G. Z. Anashkin. Sov. gos. i pravo no. 5:46-56 My '60.

Role of the effects of criminal offenses in the establishment of criminal responsibility. N. Kuznetsova, I. Mikitich. Sov. iust. no 3 14-19 Mr '60.

Shliapochnikov, A S. [Interpretation of criminal law] Tolkovanie sovetskogo ugolovnogo zakona Moskva, Gos izd-vo iurid lit-ry, 1960. 239 p.

CRIMINAL LIABILITY

Judicial practice shouldn't be contradictory. P. Gus'kov. Sov. iust. no. 3·62 Mr '60.

CRIMINAL PROCEDURE

(see also subdivision under White Russia)

"Educational role of the Soviet court in criminal cases" by M. IU. Raginskii. Reviewed by M. IA. Savitskii. Sov. gos. i pravo no. 6:138-140 Je '60.

Review of the editor's mail. Sov. iust. no. 3·75-76 Mr '60.

Such conferences are of great use. A. TSubin. Sov. iust. no. 2:50-52 F '60.

CROP YIELDS

The effect and aftereffect of trace elements on the quantity and quality of crop yields in newly reclaimed peat soils O K Kedrov-Zikhman, R. E. Rozenberg Trudy Belar. nav -dasl inst mel i vod hasp 8 277-286 '58

Role of forest shelterbelts in the increase of farm crop yields in the steppe zone P E. Solov'ev. Vest Mosk un Ser. biol , pochv , geol , geog. 14 no. 4;53-61 '59.

CROPS AND CLIMATE

(see also subdivision under Kuban Valley; Teberda Valley; Ukraine)

Effect of cultivated plants on the fertility of turf-Podzolic soils under different conditions of cultivation. V. T. Makarov. Vest. Mosk. un. Ser. biol , pochv. , geol. , geog. 14 no. 4;41-51 '59.

Regions of the Far East with suitable climatic conditions for the cultivation of corn. V. V. Kalmykova Trudy Dal'nevost. NIGMI no 7:74-106 '59.

CRUCIBLES

Crucibles made of high-melting carbides, borides and nitrides. G. V. Samsonov, G. A. IAsinskaia, T'ai Shou-wei. Ogneupory 25 no. 1:35-38 '60.

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Beater mills for brown coal. B. A. Speranskii. Energokhoz. za rub. no. 5:18-24 S-O '57.

Remodeling a slag breaker with a hydraulic drive. IU. S. Ovodov. Energetik 8 no. 3:10-11 Mr '60.

Russ[illegible]
po [illegible] d-
art[illegible]
tions in 1960] [illegible] normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 29. [Assembling the crushing, milling, grading, and processing equipment] Montazh drobil'no-razmol'nogo oborudovaniia i oborudovaniia dlia sortirovki i obogashcheniia.
No. 1. [Crushing and milling equipment] Drobil'no-razmol'noe oborudovanie. 1960. 46 p.

Three-roller mills for crushing and pulverizing chalk, pigments and other paint materials. Rats. i izobr. predl. v stroi. no. 14 68-70 '60.

CRUSTACEA

Chemical elements contained in the mineral substances of the meat of food fish, mollusks, and crustacea. I. V. Kizevetter. Soob. Prim. otd. VKHO no. 3·165-196 '57

CRYOSCOPY

Cryoscopic analysis of pyridine bases. E. M. Gepshtein. Koks i khim. no. 3:53-56 '60.

CRYSTAL LATTICES

Antiferromagnetic properties of Ni_3Fe alloys in connection with atomic ordering. M. V. Dekhtiar. Fiz. met. i metalloved. 9 no. 3:346-352 Mr '60.

Attachment to the URS-50 diffractometer for phase analysis. O. S. Volkov, D. M. Kheiker. Zav. lab. 26 no. 3,363-364 '60.

Autocatalytic effect in martensite transformations. O. P. Maksimova, E. I. Estrin. Fiz. met. i metalloved. 9 no. 3:426-436 Mr '60.

Carbon solubility in iron-chromium-silicon alloys. P. V. Gel'd, M. S. Petrushevskii. Fiz. met. i metalloved. 9 no. 3;473-475 Mr '60.

Crystallographic texture and the anisotropy of magnetic properties in hot-rolled electrical steel. V. V. Druzhinin, G. V. Ignatov. Fiz. met. i metalloved. 9 no. 3: 353-357 Mr '60.

Dilatometric determination of the density of thermal vacancies, the energy of their creation and the activation energy of their departure. S. D. Gertsriken, N. N. Novikov, B. F. Sliusar. Fiz. met. i metalloved. 9 no. 3: 465-467 Mr '60.

CRYSTAL LATTICES (Continued)

Investigating certain physical processes occurring at the surface of crystal solids at high temperature. Part. 4. Calculating the kinetics of "self-correction" of purposely created defects on the surface of solids. IA. E. Gegusin, I O Kulik. Fiz.met.i metalloved. 9 no.3:379-384 Mr '60.

Thermomagnetic treatment and ordering processes. Part 4: Investigating the effect of thermomagnetic treatment on crystal lattice parameters in ordered magnetically soft alloys. A.A.Glazer, L.M.Magat, IA.S.Shur. Fiz.met.i metalloved. 9 no.3·467-469 Mr '60.

Width of the forbidden zone of electronic and electronic-nuclear analogs of germanium as a function of the strength and nature of the chemical bonds B F. Ormont. Zhur.neorg.khim 5 no.2 255-263 F '60.

CRYSTALLIZATION

Secondary macrostructure as a method of studying the kinetics of steel ingot crystallization. A.A. Popov and others Met.i metalloved. no.2:3-15 '59.

Some characteristics of the crystallization of eutectic-type alloys cooled very rapidly I.V Salli, I.S Miroshnichenko Dokl AN SSSR 132 no 6 1364-1367 Je '60.

Soveshchanie po teorii liteinykh protsessov, 4th. [Crystallization of metals, transactions of the Fourth Conference on the Theory of Founding Processes] Kristallizatsiia metallov, trudy Chetvertogo soveshchaniia.... Moskva, Izd-vo Akad.nauk SSSR, 1960. 325 p.

CRYSTALLIZATION—TESTING

Mechanism of grain refining by low frequency vibration during crystallization. I I.Novikov, G.A.Korol'kov, V.S.Zolotorevskii. Izv.vys.ucheb zav., chern.met. no 5:130-134 '60.

CRYSTALLOGRAPHY

A.E.Fersman's role in the development of crystallography, on the 75th anniversary of his birth. T.N. Agafonova. Izv.vys.ucheb.zav.,geol.i razv. 2 no.10· 117-120 O '59.

Vardaniants, L.A. [Theory of Fedorov's method, with summary in English] Teoriia fedorovskogo metoda. Erevan, Izd-vo Akad.nauk Armianskoi SSR, 1959. 191 p.

CRYSTALS

Bokii, G.B. [Crystallochemistry] Kristallokhimiia. Izd.2. [Moskva] Izd-vo Mosk.univ., 1960 356 p.

In memory of V.I Vernadskii. Vest AN SSSR 30 no 6 147-148 Je '60

Theory of second-order phase transitions. E A Arinshtein Izv vys ucheb zav.,fiz no 6 176-177 '59.

CRYSTALS—GROWTH

Rate of growth of a crystal needle in a supercooled melt. D E Temkin Dokl AN SSSR 132 no 6 1307-1310 Je '60

CRYSTALS—MAGNETIC PROPERTIES

Time of spin-spin paramagnetic relaxation at low temperatures in single crystals having magnetically unequivalent ions U Kh Kopvillem Izv vys.ucheb.zav, fiz. no 6·21-30 '59

CUBA—ECONOMIC POLICY

Political sovereignty and economic independence. Ernesto Guevara, Mir.ekon.i mezhdunar.otn. no.6: 59-67 Je '60.

CUBA—FOREIGN ECONOMIC RELATIONS

Political sovereignty and economic independence. Ernesto Guevara. Mir.ekon.i mezhdunar.otn. no.6: 59-67 Je '60.

CUBA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Exchange of ratifications of the Soviet-Cuban agreements. Vnesh torg. 30 no.6:20 '60.

Resting on a sound basis. Nov.vrem. 18 no.26:3 Je '60.

CUBA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

New pressure on Cuba. Nov.vrem. 18 no.27:22-23 Jl '60.

CUBA—FOREIGN RELATIONS—RUSSIA

Please, without hysterics. D. Zaslavskii. Nov.vrem. 18 no.24·18-19 Je '60.

The U.S.S.R. and Cuba. Nov.vrem. 18 no.21:9-10 My '60.

CUBA—FOREIGN RELATIONS—UNITED STATES

Pirates in the air and on the water. G.Borovik. Ogonek 38 no.12:4-5 Mr '60.

What are the reasons for the sharp aggravation of relations between the U.S.A, and the Cuban Republic. B.Gvozdarev. Otv.na vop.trud. no.111:41-47 '60.

CUBA—INVESTMENTS, AMERICAN

"Agrarian reform in Cuba" by Antonio Nunez Jimenez. Reviewed by M.Kremnev. Nov.vrem. 18 no.26:29-30 Je '60.

CUBA—LAND TENURE

"Agrarian reform in Cuba" by Antonio Nunez Jimenez. Reviewed by M.Kremnev. Nov.vrem. 18 no.26:29-30 Je '60.

CUBA—POLITICS AND GOVERNMENT

Cuba celebrates the first anniversary of its independence. Felix Balino. Mol.mira no.1 18-20 '60

CUBA—SUGAR TRADE

New pressure on Cuba. Nov.vrem. 18 no.27·22-23 Jl '60.

CUBAN NEWSPAPERS

Rotten fruit. Nov.vrem. 18 no.21·23-24 My '60.

CUCUMBERS

Stimulation of root formation in cucumber cotyledons by phytogenic organic substances from the air [with summary in English]. O.I.Bezkhlibnyi Ukr.bot.zhur. 17 no.1·46-50 '60

CUCUMBERS—DISEASES AND PESTS

Fusarium wilt of cucumbers [in Azerbaijani with summary in Russian] L A Israfilbekov Uch zap AGU Biol ser no.2 29-35 '59.

CUCURBITACEAE see Vine crops

CULTIVATORS

KRN-4,2 cultivator needs better supporting wheels O A Omel'ianiv Mekh sil' hosp 11 no 3 21 Mr '60

The OKP attachment to the KRN-4,2 cultivator for spreading herbicides. P P Telin Biul tekh.-ekon inform. no 2 56-58 '60

CULTURE

Abstracts of articles from the journal "Diogene," No 24, 1958. Vest.ist.mir.kul't. no.1 112-120 Ja-F '60.

From month to month; brief news. Inostr.lit. no.1: 270-285 Ja '60.

From month to month; brief news. Inostr.lit. no.2·271-286 F '60.

CULTURE—MAPS

Maps of cultural development in national atlases. IU S Bilich Izv vys ucheb zav, geod i aerof no.2 111-118 '60

CULVERTS

Precast reinforced concrete rectangular pipes. G.B. Fuks, L I Pokrass. Avt.dor. 23 no 3 25-26 Mr '60.

CUMALDEHYDE

Study of the absorption and excretion of cutisone by the animal organism by means of the isotope method. L.I. Grebennik, I.M.Soboleva. Khim.i med. no.11:112-115 '59.

CUMBERLAND DISEASE see Anthrax

CUMENE

Possibility of raising the yield of the hydroperoxide when initiating the oxidation of cumene by hydrogen peroxide R.V.Kucher, S.D.Kaz'min, V.D.Enal'ev. Dokl.AN SSSR 132 no 6,1348-1351 Je '60.

CUPOLA FURNACES

Anan'in, A.A., S.P.Kuznetsov, and V.P.Chernobrovkin. [Progressive methods of operating cupola furnaces] Peredovye metody obsluzhivaniia vagranok. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 98 p.

Using calcium carbide in cupola-furnace charges. L.O. Sokolovskii. Mashinostroitel' no.3·42 Mr '60.

CUPPING

Changes in the peripheral nervous system of the skin under medicinal cupping. A.K.Kolomiitsev. Vrach. delo no.4 429 Ap '60

CURBSTONES

Reinforced concrete curbings. V.S.Boichuk. Avt.dor. 23 no.3:22 Mr '60.

CURIE, PIERRE, 1859-1906

Pierre Curie's fingerprint. M.Shaskol'skaia. IUn.tekh. 4 no.2:66-68 F '60.

CURIE POINT

Investigating ferrates in ittrium and gadolinium garnets in the vicinity of the ferromagnetic Curie point. V.I. Chechernikov, R.F.Uchaikina. Fiz.met.i metalloved. 9 no.3·456-458 Mr '60.

CURRENT EVENTS

Gents, N.N. [Notes of a propagandist; method of propaganda] Zametki propagandista; o metodike propagandy. [Moskva] Mosk.rabochii, 1960. 89 p.

CUTTING MACHINES

Device for turning cross blades of SM-275 rotary cutters L.P.Bush Stroi.mat 6 no.3 31 Mr '60.

Instrument for determining the bluntness of cutting machine knifes. N.P.Rushnov. Bum.prom. 35 no.2: 26-27 F '60.

Machine for cutting foamed concrete blocks Rats.i izobr.predl v stroi. no 14 37-39 '60

New design of cutting blades. I.F.Efremov. Mashinostroitel' no.3:15 Mr '60.

New machine for cutting aerated concrete. A.Karpovtsev. Bud.mat.i konstr. 2 no.1 57-59 F '60

CUTTING MACHINES—SAFETY APPLIANCES

Chip guard for universal cutting machines. E.Zamorskii. Okhr.truda i sots.strakh. 3 no 2,74 F '60.

CUTTING TOOLS see subdivision under Germany, West; Great Britain, United States

CYANAMIDE

Reaction of cyanamide with ethylene oxide Part 5 A E Kretov, I S Matveev Zhur ob khim 30 no 6 1837-1841 Je '60

CYANIDES

Dithizone method of determining low concentrations of cyanides. A D.Miller, M.I Aranovich. Zav.lab. 26 no 4:426-429 '60.

Method for the determination of cyanides in the sewage of coke chemical plants and gas generating stations. F G Detlovitskaia Gig i san 25 no.2 51-54 F '60.

CYANINES

Derivatives of benz[c,d]indoline. Part 5· Monomethinecyanines, derivatives of benz[c,d]indoline. N.S.Dokunikhin, IA.B.Shteinberg. Zhur.ob.khim. 30 no.6: 1989-1992 Je '60.

CYANOCOBALAMINE

Determination of "free" vitamin B_{12} in the blood serum with Escherichia coli [with summary in German]. L.A. Mai, L.I.IAvorkovskii. Biokhimiia 25 no.1:80-85 Ja-F '60.

Distribution of vitamin B_{12} in the sheep organism. R.N. Odynets, A.Kanimetov. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.1·155-157 '59.

Seasonal variation of vitamin B_{12} concentration in silt deposits of stagnant bodies of water. S V Letunova Dokl.AN SSSR 132 no 5 1173-1176 Je '60.

Selective sorption of vitamin B_{12} in ionites. G.V.Samsonov and others. Med prom 14 no.3:3-12 Mr '60

CYANOETHYLATION

β-Bromopropionitrile as a cyanoethylating agent P F Butskus Zhur.ob.khim 30 no 6 1816-1818 Je '60

Cyanoethylation of β-amino acids. P.F.Butskus. Izv. vys.ucheb.zav.;khim.i khim.tekh. 3 no.1 122-123 '60.

Cyanoethylation of polycyclic hydrocarbons. A E Kretov, A E.Okhramovich Zhur prikl khim 33 no 3 744-746 Mr '60.

Cyclization of N-cyanoethylated α-amino acids and their derivatives. P.F.Butskus. Izv.vys.ucheb.zav.;khim. i khim.tekh. 3 no.1;124-126 '60.

CYBERNETICS,

Aizerman, M.A. [Cybernetics and automation of industry] Kibernetika i avtomatizatsiia proizvodstva. Moskva, Izd-vo "Znania," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.4, Nauka i tekhnika, no.12)

Knowledge and cybernetics. IA.F.Askinadze. Nauka i zhizn' 27 no.2;39-42,61 F '60.

CYCLAMEN—TOXICOLOGY

Study of the toxic effect of preparations from the Azerbaijanian cyclamen (Primrose family) and their influence on the organs of blood circulation [in Azerbaijani with Russian summary]. I.K.Gol'berg, A.G.Khain. Azerb. med.zhur. no.3;52-58 Mr '60.

CYCLING

Research on techniques of bicycle pedaling. L.V.Chkhaidze. Teor.i prak.fiz.kul' 23 no.6:430-434 '60.

Training for bicycle racing in winter time. M.D.Azatian. Teor.i prak.fiz.kul'. 23 no.2:120-122 '60.

CYCLIZATION

Cyclization of ethoxyfarnesenic acid. B.M.Mikhailov, L S.Povarov. Izv.AN SSSR Otd.khim.nauk no.5: 935-936 My '60.

Cyclization of N-cyanoethylated α-amino acids and their derivatives. P.F.Butskus. Izv.vys.ucheb.zav.;khim. i khim.tekh. 3 no.1;124-126 '60.

Cyclization of the ethyl ester of N-cyanoethylglycocoll P F Butskus. Zhur.ob khim 30 no 6 1814-1816 Je '60

Mechanism of the cyclization of pseudoionone. A.V. Semenovskii, V.A Smit, V.F.Kucherov. Dokl.AN SSSR 132 no 5:1107-1110 Je '60.

CYCLODODECATRIENE

Some conversions of 1,5,9,-cyclododecatriene. L.I. Zakharkin, V.V.Korneva. Dokl.AN SSSR 132 no 5· 1078-1081 Je '60.

CYCLOHEPTATRIENONE

Hydride transfer in ditropyl ether, resulting in the formation of tropone and tropylidene. M.E.Vol'pin, Z.N. Parnes, D.N.Kursanov. Izv.AN SSSR Otd.khim.nauk no.5:950 My '60.

CYCLOHEXANE

Synthesis of hydrocarbons. Part 74 Alkylcyclohexanes with two quaternary carbon atoms in the side chain R IA Levina, V.K.Daukshas Zhur ob.khim 30 no 6 1758-1761 Je '60.

CYCLOHEXANEDIONE

Sulfonation of β-diketones Part 10 Sulfonation of dimedon E Gudrimetse, G Vanag, L Mazkal'ke Zhur ob khim 30 no 6 1904-1911 Je '60

CYCLOHEXANOL

Cycloalkylation of aromatic compounds Part 16 Interaction between 1-phenyl-2-methylcyclohexanol and benzene N G Sidorova, S D Nikonovich Zhur ob khim 30 no 6 1921-1926 Je '60

Dehydrogenation of alcohols and cyclohexene on MnO. A. A. Tolstopiatova, A. A. Balandin, V. Kh. Matiushenko Izv. AN SSSR Otd. khim. nauk no. 5 787-793 My '60

CYCLOHEXENE

Autoxidation of derivatives of cyclohexene. Synthesis of disubstitution products of cyclohexene. M. M. Azanouskaia, V. A. Ablava. Vestsi AN BSSR. Ser. fiz -tekh. nav. no 1:70-74 '60.

Catalytic cycloalkylation of aromatic hydrocarbons by cyclohexene [in Azerbaijani with summary in Russian]. S. D. Mekhtiev, T. A. Pashaev. Azerb. khim. zhur. no. 2: 39-47 '59.

Dehydrogenation of alcohols and cyclohexene on MnO A. A. Tolstopiatova, A. A. Balandin, V. Kh. Matiushenko. Izv AN SSSR Otd khim. nauk no. 5.787-793 My '60.

CYCLONES

(see also subdivision under Arctic regions; Okhotsk, Sea of, Transbaikalia, Transcaucasia)

Applying some general regularities of cyclone motion to cyclones causing floods of the Neva River. N. L. Spitsyna. Trudy GGO no. 90 149-155 '60.

Hydrodynamic theory of frontal cyclogenesis. Tu Hsing-yuan Trudy GGO no 99 105-111 '59.

Role of the ocean surface in the formation of blocking anticyclones. V. G. Semenov. Meteor. i gidrol. no. 6· 17-20 Je '60.

CYCLOPENTADIENE

Vinyl compounds in diene synthesis Stereospecific orientation of the diene synthesis of vinyl aryl ethers condensed with cyclopentadiene in relation to the temperature M F. Shostakovskii and others Dokl AN SSSR 132 no 5 1118-1121 Je '60

CYCLOPENTANOL

Alkylation of benzene and some of its homologs by 1, 1'-ethylene-bis-cyclopentanol diacetate in the presence of anhydrous $AlCl_3$. R M. Lagidze, A. I. Dvalishvili. Soob. An Gruz. SSR 23 no. 6:663-670 D '59

CYCLOTRON

Acceleration of ions in cyclotrons in the "subharmonic." A. P. Babichev, N D Fedorov. Prib. i tekh eksp no 1 16-19 Ja-F '60

Danilov, V. I., others. [Generation of the magnetic field in a cyclotron with space vibration] Formirovanie magnitnogo polia tsiklotrona s prostranstvennoi variatsiei Dubna, [Izdatel'skii otdel Ob"edinennogo instituta iadernykh issledovanii] 1959 27 p.
[PHOTOCOPY]

Measuring the distribution of current density in the outer beam of a cyclotron V. M. Kirsanov, A. F. Linev, IU. M Pustovoit Prib i tekh eksp. no 1 111-112 Ja-F '60.

Ring-type cyclotron accelerator with a vertically increasing magnetic field A. P. Fateev, B N IAblokov. Atom energ 8 no. 6·552-553 Je '60.

Stabilizing the voltage of the deflecting system of a cyclotron B. S. Kozachina, N. Z Kubyshkin, A I. Nastiukha Prib. i tekh. eksp. no 1 110 Ja-F '60

CYPRUS—YOUTH—SOCIETIES, ETC.

Eighteen thousand young Cypriots are members of the United Organization of the Democratic Youth of Cyprus. Mol. mira no. 1 11 '60.

CYSTEINE

Reversible changes in the sulfhydryl groups of cysteine due to the effect of radiation energy [with summary in English]. M. A Kolomiichenko, I P Stasievs'ka. Ukr biokhim. zhur. 32 no 3:331-345 '60

Synthesis of D-cysteine-S^{35} A. M. Pozharskaia, T. F. Zhukova, M. N. Shchukina. Khim. i med. no. 11:14-17 '59.

CYSTICERCOSIS

Case of a solitary cysticercus of the musculus rectus abdominis. B. N. Abrakhanova. Azerb. med. zhur. no. 3. 69-70 Mr '60.

CYSTS

Benign neoplasms and cysts of the lungs and mediastinum. V. V Vakhidov. Med. zhur Uzb no. 6 26-34 Je '59.

Huge cyst of the mesentery of the small intestine. A A. Khartonik Zdrav Belor 6 no. 2 60 F '60

Rare case of large esophageal cyst. V. S. Rogacheva. Khirurgiia 35 no. 12·85-87 D '59.

Sublingual dermoid cyst I I. Get'man Vrach delo no 4 423 Ap '60

Surgical treatment of pancreatic cysts [with summary in English]. IU. V. Kharin. Khirurgiia 35 no. 12 44-49 D '59.

CYTOTOXIC DRUGS

Foreign pharmaceutical research. A. G. Balchikov, L. A. Mikhel'son Med prom 14 no 3·54-56 Mr '60.

Procedure for testing antitumor substances by diffusion in agar dishes [with summary in English]. A L. Vorontsova. Dop. AN URSR no. 1:100-102 '60.

Results of two years of work in the creation of anticancerous preparations of the alkylating metabolite type. L. F. Larionov Vest. AMN SSSR 14 no. 6 25-37 '59.

CZECH LANGUAGE—GRAMMAR

"An historical grammar of the Czech language" [in Polish] by T. Lehr-Splawinski, Z. Stieber. Reviewed by A G Shirokova. Vop. iaz. 9 no. 2:130-131 Mr-Ap '60.

CZECH LANGUAGE—PHONETICS

"An historical grammar of the Czech language" [in Czech] by M. Komarek Reviewed by A. G. Shirokova. Vop. iaz. 9 no. 2·131-133 Mr-Ap '60.

CZECH LANGUAGE—SPOKEN CZECH

The colloquial Czech language. P. Sgall Vop. iaz. 9 no 2 11-20 Mr-Ap '60.

CZECHOSLOVAKIA

Czechoslovakia before and after the liberation. Vsem. prof. dvizh. no. 5 34-35 My '60.

Honor to labor; in commemoration of the 15th anniversary of the liberation of Czechoslovakia. I. I. Udal'tsov. Sov. Soiuz. no. 5·44 '60.

CZECHOSLOVAKIA—ADMINISTRATIVE LAW

Development of administrative legislation in Poland and Czechoslovakia E. V. Shorina, K. Svoboda. Sov. gos. i pravo no. 5·134-136 My '60.

CZECHOSLOVAKIA—AGRICULTURAL LAWS AND LEGISLATION

Legal status of uniform agricultural cooperatives in the Czechoslavak Republic. Juraj Vysoky. Sov gos. i pravo no. 5 82-91 My '60.

CZECHOSLOVAKIA—AGRICULTURE, COOPERATIVE

Legal status of uniform agricultural cooperatives in the Czechoslovak Republic. Juraj Vysoky. Sov. gos. i pravo no. 5·82-91 My '60.

CZECHOSLOVAKIA—AIRLINES

Airlines of Czechoslovakia. M. Skal'nik, K. Roibichek. Grazhd. av. 17 no. 2.19-21 F '60.

CZECHOSLOVAKIA—ANTHROPOLOGY

Anthropology in Czechoslovakia. S Titlbakhova. Vop. antr. no. 2·85-94 '60.

CZECHOSLOVAKIA—BONUS SYSTEM

Material encouragement of workers to develop and introduce new technology in the Czechoslovak Republic. R. Evstigneev. Biul. nauch. inform. trud i zar. plata 3 no. 6:57-59 '60.

CZECHOSLOVAKIA—CHRONOMETER

Our feature stories Z Hryhorenko and others. Ukraina no 6 16-17 Mr '60

CZECHOSLOVAKIA—CLIMATOLOGY—CHARTS, DIAGRAMS, ETC.

"A climatic atlas of the Czechoslovakian Republic." Reviewed by S. P. Khromov. Izv. Vses. geog. ob-va 92 no. 3·279-280 My-Je '60.

CZECHOSLOVAKIA—COAL PREPARATION

Effect of the addition of chemical substances on the dewatering of coal pulp M Bolek, J Grebačka Obog i brik ugl no. 12 12-16 '59.

CZECHOSLOVAKIA—COKE INDUSTRY

Production and use of metallurgical coke in Poland and Czechoslovakia. S V Plaksin Biul tekh -ekon inform. no 2 80-82 '60.

CZECHOSLOVAKIA—COMMERCE—RUSSIA

A new five-year commercial agreement between the U.S.S.R and the Czechoslovak Republic. Vnesh. torg 30 no 6·4-5 '60.

CZECHOSLOVAKIA—COMMUNIST PARTY

Czechoslovakia in the struggle for the final phase in the development of communism. V. Slavik. Agitator no. 8· 45-48 Ap '60.

They prepare for the party conference. Part. zhizn' no 13 71-72 Jl '60

CZECHOSLOVAKIA—COURTS

Really democratic justice. Oskar Plundr. Sov. iust. no. 2 29-31 F '60.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Czechoslovakia today. Nikolai Ravich. Zvezda no. 2: 155-168 F '60.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS

Evstigneev, R. N. [Economic development of the Czechoslovakian Republic] Razvitie ekonomiki Chekhoslovatskoi Respubliki. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1960. 99 p. (Tekhniko-ekonomicheskie obzory po stranam narodnoi demokratii)
[MICROFILM]

Fifteen years of the free Czechoslovakia [with English summary in appendix]. F Krajcir Vnesh torg 30 no 6 5-10 '60.

On the path toward socialism. Z Danyliuk Nauka i zhyttia 10 no 2 58-59 F '60

CZECHOSLOVAKIA—ENGINEERING—PERIODICALS

A new Czechoslovakian periodical for the Soviet Union. E Korolenko. Mashinostroitel' no 3 47 Mr '60.

CZECHOSLOVAKIA—GAS INDUSTRY

Prospects for the gasification of Czechoslovakia. Kanla. Koks i khim. no. 1:61 '60.

CZECHOSLOVAKIA—HISTORY

Levs'kyi, V. M. [Struggle of the Czechoslovak people for a regime of the people's democracy during the Second World War] Borot'ba chekhoslovats'koho narodu za narodno-demokratychnu vladu v roky druzhoi svitovoi viiny. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 1, no. 13)

Veselý, Jindřich. [Chronicle of February, 1948, in Czechoslovakia. Translated from the Czech] Khronika fevral'skikh dnei 1948 goda v Chekhoslovakii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 262 p.

CZECHOSLOVAKIA—HISTORY—PERIODICALS

New journal published by the Czechoslovak historians. Josef Macek. Vop. ist. no. 6 215-217 Je '60.

CZECHOSLOVAKIA—INDUSTRIES

Exhibition "Czechoslovakia in 1960" Vest mash. 40 no 4 83 Ap '60.

Great success A. Morozov Vnesh. torg. 30 no 6·11-13 '60

CZECHOSLOVAKIA—LIBRARIES

Report of the Minister of Schools and Culture, Dr. František Kahuda. Translated from the Czech. Bibliotekoved. i bibl. za rub. no. 4:60-65 '59.

CZECHOSLOVAKIA—MACHINERY INDUSTRY

Czechoslovakian machines at the Brno fair. N. S. Semin. Biul. tekh. -ekon. inform. no. 3:76-79 '60.

CZECHOSLOVAKIA—MAGNETISM, TERRESTRIAL—MAPS

Geomagnetic maps of Czechoslovakia for the 1958, 0 epoch. J. Bouška, V. Bucha, A. Kočí. Izv. AN SSSR. Ser. geofiz. no. 6:798-808 Je '60.

CZECHOSLOVAKIA—MECHANICAL ENGINEERING

Abstracts and reviews. Vest. mash. 40 no. 3:85 Mr '60.

CZECHOSLOVAKIA—MEDICAL INSTRUMENTS AND APPARATUS

New Czechoslovak medical equipment at the international fair in Brno. J. Zetek. Med. prom 14 no. 3:56-60 Mr '60.

CZECHOSLOVAKIA—MEDICAL PERSONNEL—DISEASES AND HYGIENE

Expert evaluation on the problem of the occupational orgin of infectious diseases [in Czech] K Rejsek (From "Sbornik stud praci Statniho uradu soc zabezpeceni, Praha, 1958, 1, 9-29]

CZECHOSLOVAKIA—MEDICINE

From the history of Ukrainian-Czech mutual relations in the sphere of medical science. R. IA. Beniumov, I. M Makarenko. Vrach. delo no. 3.319-322 Mr '60.

Matoušek, Miloslav. [Development and present status of the history of medicine in Czechoslovakia] Razvitie i sovremennoe sostoianie istorii meditsiny v Chekhoslovakii. Moskva, Gos. izd-vo med. lit-ry, 1959. 37 p.

CZECHOSLOVAKIA—MONEY

Consolidating currency circulation in People's Czechoslovakia. A. Dostal'. Nauch. dokl. vys. shkoly; ekon. nauki no. 1:80-89 '60.

CZECHOSLOVAKIA—MUSIC

With the "Friendship Train" in Czechoslovakia. L. Poliakova Sov. muz. 24 no. 3·177-184 Mr '60.

CZECHOSLOVAKIA—PAPER

Manufacture of sensitized paper in the Czechoslovak Republic. M. S. Fedotova. Bum. prom. 35 no. 3·29-30 Mr '60.

CZECHOSLOVAKIA—PARKS

Parks in Czechoslovakia. E. S. Chernenko. Priroda no. 6.53-55 Je '60.

CZECHOSLOVAKIA—PERIODICALS

"Family and school" talks about itself. M. Peroutkova. Sem'ia i shkola 15 no. 3:40 Mr '60.

CZECHOSLOVAKIA—PHONORECORDS

Phonograph records from Czechoslovakia. G. Shn. Sov. muz. 24 no. 3:143-145 Mr '60.

CZECHOSLOVAKIA—POLAROGRAPHY

Procedures used in polarographic analysis. S. Siniakova. Tekh. mol. 26 no. 2:4 '60.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

Constitution of victorious socialism. IA. Shavrov. Mezh dunar. zhizn' 7 no. 6 111-112 Je '60.

Fifteen years of the free Czechoslovakia [with English summary in appendix]. F. Kraicir Vnesh. torg. 30 no. 6;5-10 '60.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA

Golden Prague and white-stone Moscow. Nik. Kruzhkov. Ogonek 38 no. 19;5-6 My '60

CZECHOSLOVAKIA—RUSSIAN LANGUAGE—STUDY AND TEACHING

In Czechoslovakia. 'Z. Oliverius, I. Shchadel. Kul't. i zhizn' 4 no. 2;56-57 '60.

CZECHOSLOVAKIA—TECHNICAL EDUCATION

[The Ukrainian polytechnical school abroad] Ukrains'ka vysoka politekhnichna shkola na zhuzhnyi. Niu Iork, Vyd. absol'ventamy Ukrains'koi hospodars'koi akad. ta Ukrains'koho tekhniko-hospodars'koho in-tu.
Vol. 1. [The Ukrainian Academy of Technology in Czechoslovakia, 1922-1935] Ukrains'ka hospodars'ka akademiia v CH. S. R., 1922-1935. 1959. 247 p.

CZECHOSLOVAKIA—TECHNOLOGICAL INNOVATIONS

Material encouragement of workers to develop and introduce new technology in the Czechoslovak Republic. R. Evstigneev. Biul. nauch. inform.: trud i zar. plata 3 no. 4·57-59 '60.

CZECHOSLOVAKIA—UKRAINIANS

[The Ukrainian polytechnical school abroad] Ukrains'ka vysoka politekhnichna shkola na chuzhnyi. Niu Iork, Vyd. absol'ventamy Ukrains'koi hospodars'koi akad. ta Ukrains'koho tekhnichno-hospodars'koho in-tu.
Vol. 1. [The Ukrainian Academy of Technology in Czechoslovakia, 1922-1935] Ukrains'ka hospodars'ka akademiia v CH. S. R., 1922-1935. 1959. 247 p.

CZECHOSLOVAKIA—VENDING MACHINES

Vending machines in Czechoslovakia. S. Smoin. Sov. torg. 33 no. 3;57-60 Mr '60.

CZECHOSLOVAKIA—VIADUCTS

First in Czechoslovakia. V. I. Agadzhanov. Avt. dor. 23 no 4;29-30 Ja '60.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

We love you and your country deeply. M. Chizhkova. Sov voin 42 no. 8;23 Ap '60

DAGHESTAN—ART

Sunny art of the peoples of Daghestan. N. Tolchenova. Ogonek 38 no. 15;8-9 Ap '60.

DAGHESTAN—COOPERATIVE SOCIETIES

Watching over cooperative property. I. Kakhrimanov. Sov. potreb. koop. 4 no. 3;87 Mr '60.

DAGHESTAN—ECONOMIC POLICY

Trusov, D. I. [Grow, Republic!] Rasti, respublika! Makhachkala, Dagestanskoe knizhnoe izd-vo, 1959. 143 p.

DAGHESTAN—HOLIDAYS

Old holidays celebrated the new way. Z. Nikulina. Kul't.-pros. rab. 21 no. 2;29 F '60.

DAGHESTAN—INSCRIPTIONS, ARABIC

From epigraphic findings of the Daghestan Expedition (article 3). L. I. Lavrov. Sbor. Muz. ant. i etn. 19;29-38 '60.

DAGHESTAN—ROAD CONSTRUCTION

Building high-quality roads in Daghestan. D. M. Magomedov. Avt. dor. 23 no. 4;13 Ap '60.

DAGHESTAN—SHEEP

Economic effectiveness of transporting sheep to seasonal pastures. M. Abuev. Ekon. sel'khoz. 31 no. 2;107-110 F '60.

DAGHESTAN—THEATER

Sunny art of the peoples of Daghestan. N. Tolchenova. Ogonek 38 no. 15;8-9 Ap '60.

DAGHESTAN—WATER RESOURCES DEVELOPMENT

Water resources of the Daghestan A. S. S. R. and their development at present and in future. V. D. Kondrashov. Trudy Okean. kom. 6;346-349 '59.

DAGHESTAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Daghestan. In the languages of the peoples of Daghestan. Inform biul. Sov. podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 18 Ag '58.

DAHLIAS—VARIETIES see subdivision under Alma-Ata

DAIRY BARNS

Principles of designing cow barns [with summary in English, p. 66]. V. H. Fedorenko, Z. R. Velykaia. Visnyk ABIA URSR no. 1;11-17 '60.

DAIRY CATTLE—FEEDING AND FEEDS

Cobalt requirements of milk cows. R. N. Odynets, P. P. Valuiskii. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1· 127-130 '59.

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES

Principles for classifying the technological equipment of the dairy industry. G V Krupin. Trudy LTIKHP 13 96-103 '57

DAIRY PRODUCTS

Milk and butter. Agitator no 11 18-19 Je '60.

DAIRY SCHOOLS see subdivision under Great Britain

DAIRYING
(see also subdivision under Aryk-Balyk District, Mogilev District)

Conversation lasted... two minutes. M. Spiridonov. Agitator no. 7;50-51 Ap '60.

Thrilling film story Nauka i zhizn' 27 no 3·40 Mr '60

DAIRYING—EQUIPMENT AND SUPPLIES

Device for washing milk cans. L. K. Verzhykovs'kyi. Mekh. sil'. hosp. 11 no 2·11 F '60.

DALETSKII, PAVEL LEONIDOVICH

"On the edge of night"; a novel by Pavel Daletskii Reviewed by N Petrov Zvezda no 3 214 Mr '60

DAMDINSUREN, TSEDEM, 1908-

TS. Damdinsuren's tale "Rejected maiden" and its role in the development of Mongolian literature. L. K. Gerasimovich. Uch zap. LGU no 282·144-157 '59

DAMS
(see also subdivision under Bering Strait, Kirghizistan, Mingechaur Reservoir; Oker River)

Calculating the permissible intensity of hydraulic fill for coreless dams S. I. Gorbunov. Izv VNIIG 61 43-59 '58.

Calculating the uplift pressure of concrete dams taking into account the permeability of concrete. V. M. Moiseenko. Gidr. stroi. 29 no. 3,46-47 Mr '60.

Creep factor in designing arch dams. Wu Jui-feng. Dokl. AN Arm. SSR 30 no. 2;77-86 '60.

Heat exchange during the artificial cooling of concrete in constructing dams. A. G. Tkachev, G. N. Danilova, N. N. Syrovtseva. Gidr. stroi. 29 no. 3;37-39 Mr '60.

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii SSSR. [Design and construction of high dams, materials of the conference on high dams] Proektirovanie i stroitel'stvo vysokikh plotin; po materialam soveshchaniia po vysokim plotinam Pod obshchei red. V. S. Eristova Moskva, Gos. energ. izd-vo, 1960. 196 p.

Reducing the weight of concrete gravity dams on rock foundations. A. Z. Basevich. Izv. VNIIG 60,18-27 '58.

Shear calculations for buttress dams of a theoretical cross section. N. A. Ladygin. Nauch. zap. MIIVKH 20· 317-320 '58.

The siphon method of building dams across rivers. M. E. Faktorovich. Izv. VNIIG 62,165-169 '59.

Spillways of earth dams. B. Rutkovs'kyi. Sil'. bud. 8 no. 2;21-22 F '58.

Using large blocks in constructing precast concrete spillway dams. L. G. Mazanko. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12;110-120 '59.

DANCING
(see also subdivision under Grodno)

My signs for the description of dances. M. M. Kharlamov. Nar. tvorch. ta etn. 3 no. 4;132-140 O-D '59.

DANCING—CHILDREN'S DANCES

Games and dances for three and four-year-old children. V. Kuklovs'ka. Doshk. vykh. 21 no. 3·35-38 Mr '60.

DANCING—FOLK AND NATIONAL DANCES
(see also subdivision under India, Ukraine)

Dances of different peoples. Mol. mira no. 9;22 '59.

DANUBE VALLEY—HYDROELECTRIC POWER

Valesian, L. A. [Geography of hydroelectric power resources and plants in foreign countries in the Danube Valley] Geografiia gidroenergoresursov i gidroenergetiki zarubezhnykh Pridunaiskikh stran. Erevan, Izd-vo Erevanskogo univ., 1959. 168 p.

DARKLING BEETLES see subdivision under Turkmenistan

DARWIN, CHARLES ROBERT, 1809-1882

Anniversary Conference of the Institute of Genetics of the Academy of Sciences of the U. S. S. R. T Fedeneva. Vest sel'khoz. nauki 6 no. 2,149-515 F '60.

Charles Darwin and religion. S. L. Sobol'. Nauka i rel. no. 2;6-10 O '59.

Charles Darwin and zoogeography. I. M. Siarzhanin. Vestsi AN BSSR. Ser. bilal. nav no. 1 5-7 '60.

Darwin and current problems of anthropogenesis. M. F. Nesturkh. Vop. antr. no. 2;7-18 '60.

Importance of Charles Darwin's ideas for the development of phytogeography. M. I. Kotov. Ukr. bot. zhur. 17 no. 1;97-102 '60.

Lamarck and Darwin as founders of phylogenetic taxonomy V. E Ruzhentsev. Paleont. zhur no. 4 5-10 '59

Myth about Darwin Pete Sloan Nauka i rel no 4 30-34 Ap '60

On Charles Darwin's anniversary. Vop. antr. no. 2·3-5 '60

The Oxford dispute. G. A. Guber. Nauka i rel. no. 3· 24-27 N '59.

DARWINISM see Evolution

DAVIS SEA—SUBMARINE TOPOGRAPHY

Principal structural forms of the bottom relief of the Davis Sea. V. N. Mal'tsev Inform. biul. Sov. antark eksp. no. 12 14-16 '59.

DAVTIAN, GAGIK STEPANOVICH, 1899-

Gagik Stepanovich Davtian; on his 50th birthday and the 30th anniversary of his teaching activities. Izv. AN Arm. SSR. Biol. nauki 12 no. 12·3-7 D '59.

DEAD SEA SCROLLS

[Secret treasures and the new life; archaeological discoveries and the Gospel] Sokrytye sokrovishcha i novaia zhizn; arkheologicheskie otkrytiia i Evangelie. Bruges, Druzhba, P. Verbeke, 1959. 193 p.
(IU)

DEAF see subdivision under Kiev

DEAF—EDUCATION

Russian language textbooks for primary grades of the schools for deaf-mute. A. F. Pongil'skaia. Izv. APN no. 104·123-147 '59.

DEAF—MEANS OF COMMUNICATION

Language study in the preparatory grade of the schools for deaf-mute. S. A. Zykov. Izv. APN no. 104;3-58 '59.

Oral, written and dactylar forms of speech in elementary education of deaf-mute children. S. A. Zykov. Izv. APN no. 104;75-121 '59.

Peculiarities of teaching speech to deaf-mute children on the principle of the development of language. S. A. Zykov. Izv. APN no. 104;59-74 '59.

DEAMINATION

Role of oxidative deamination in the mechanism of radiation protection afforded by some amines [with summary in English]. P. G. Zherebchenko and others Zhur. ob. biol. 21 no. 2;157-160 Mr-Ap '60.

DEATH

Analysis of cases of death occurring at home from myocardial infarct M. G. Mostovoi. Vrach. delo no 1;79-81 '60.

DEBTS, EXTERNAL

V. I. Lenin and the 1922 Genoa Conference. B. E. Shtein. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2 15-39 Mr-Ap '60.

DECAPODA (CRUSTACEA) see subdivision under Onega Bay, Soviet Far East

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Azerbaijan; Nymphaeum

DECORATIONS OF HONOR

Dates, events, and people. Komm. Bel. 34 no. 3·76-78 Mr '60.

Decree of the Presidium of the Supreme Soviet of the U. S. S. R. on awarding orders and medals to workers of the Central Statistical Administration and local organs of government statistics of the U. S. S. R. Vest. stat. no. 3·3-15 '60.

DEEP DRAWING (METALWORK)

A two-speed clutch for draw presses. I. M. Podrabinnik, G. M. Rodov. Mash. Bel. no. 6;87-89 '59.

DEEP-SEA DEPOSITS
(see also subdivision under Okhotsk, Sea of)

Classification of bottom sediments in recent seas. P. L. Bezrukov, A. P. Lisitsyn. Trudy Inst. okean 32 3-14 '60.

DEER

New method for catching and marking deer. S. A. Korytin. Migr. zhiv. no. 1·170-178 '59.

DEFENSE (CRIMINAL PROCEDURE)

Defense in court proceedings. P. Rabinovich. Sov. iust. no. 3;37-42 Mr '60.

Levin, A. M., P. A. Ognev, and V. L. Rossel's. [Defense lawyers in Soviet courts; a textbook for attorneys at law] Zashchitnik v sovetskom sude; posobie dlia advokatov. Pod red. L. N. Smirnova. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 333 p.

DEFENSES, NATIONAL see also subdivision 'Defenses' under Europe, Great Britain, Japan; Thailand; United States

DEFICIENCY, MENTAL see Mental deficiency

DEFICIENCY DISEASES

Characteristics of the changes in wound areas and at the site of former injury in secondary vitamin C deficiency. A A Korovin Zdravookhranenie 2 no 6:28-32 N-D '59.

Condition of the periodontium and dehydrogenase and xanthine oxidase activity in rat livers in vitamin E deficiency. N. F. Danilevskii, K. N. Veremeenko, IU. V. Khmelevskii. Probl. stom. 4.65-72 '58.

Morphological picture of paradentosis in the treatment of vitamin C deficiency in guinea pigs with ascorbic acid and a vitamin P preparation from conifer needles. N. F. Danilevskii, N. S. Verkhratskii, M. I. Tarnavskaia. Probl. stom. 4:73-80 '58.

DEFORMATIONS (MECHANICS)

Apparatus for remote determination of the extent and speed of deformation B. P. Erykhov, L. V. Gorelik. Izv. VNIIG 62:197-200 '59.

Change of volume in connection with plastic deformation. I. M. Tiuneeva. Nauch. dokl. vys. shkoly, fiz -mat. nauki no. 3:111-115 '59.

Dependence of the strength limit, the yield limit and the elongation per unit length on stress reversal during plastic metal deformation. I M. Pavlov, V. IA. Mezis Trudy Inst met no. 5:113-126 '60.

Determination of the true logarithmic vibration decrement. IU. K. Favstov. Zav. lab 26 no. 3:335-337 '60

Effect of the initial structure and the temperature of deformation on phase transformations during plastic deformations. B. A. Apaev, IU. A. Sysuev. Fiz. met. i metalloved. 8 no. 6:914-921 D '59.

Effect of the speed of heating and cooling on the irreversible deformation of iron. S. F. Kovtun. Fiz. met. i metalloved. 8 no. 6 939-945 D '59.

Influence of the scale effect on the deformation of metals. I. A. Razov, E. M. Shevandin, A. V. Efimov. Fiz. met. i metalloved 8 no. 6:928-933 D '59

Investigating metal flow during upsetting with backing rings by means of the variations method. I. IA. Tarnovskii, O. A. Ganago, R. A. Vaisburd. Izv. vys. ucheb. zav., chern. met. no. 5:55-60 '60.

Leading at deformation center boundaries. M. N. Potoskuev. Izv. vys. ucheb zav.; chern. met. no. 5:61-67 '60.

Mechanical principles of hardness testing. V. K. Grigorovich Trudy Inst. met. no 5 241-249 '60.

Plastic deformation strength of materials in calculations of processes for plastic shaping of materials G. A. Smirnov-Aliaev Vest mash 40 no 4 45-50 Ap '60

Solution of H. Hertz's contact problem in the presence of an internal plasticity area [with summary in English] N. A Kil'chevs'kyi, V. I Boiko Prykl mekh 6 no 1 3-13 '60

Speed of horizontal metal deformation during drawing. I. K. Suvorov. Izv. vys. ucheb zav.; chern. met. no. 5: 68-71 '60.

Using characteristics established in testing the hardness of materials in calculating strains of deformations S. A. Dovnar, I. K. Khristuk Sbor nauch trud Bel. politekh Inst. no. 76.75-85 '59

DEFORMITIES see subdivision under Vienna

DEHYDRATED MILK see Milk, Dried

DEHYDROGENASES

Condition of the periodontium and dehydrogenase and xanthine oxidase activity in rat livers in vitamin E deficiency. N. F. Danilevskii, K. N. Veremeenko, IU. V. Khmelevskii. Probl. stom. 4:65-72 '58.

DEHYDROGENATION

Catalytic conversions of heptomethylene hydrocarbons under conditions of dehydrogenation catalysis S I Khromov, E. S Balenkova, B. A. Kazanskii Vest Mosk un. Ser 2 Khim. 15 no 2 36-46 Mr-Ap '60

Difference in the mechanisms of dehydrogenation on oxides and on metals. M. A. Landau, V. V. Shchekin. Izv AN SSSR Otd. khim nauk no. 5:946-947 My '60.

DEISM

Deism. Nauka i rel. no. 3 88 Mr '60.

DELFT WARE

A delftware dish with the monogram A. R. O. Mikhailova. Soob. Gos. Erm. no. 16:40-41 '59.

DELIVERY OF GOODS

Transportation of goods among socialist countries [with English summary in appendix]. P. Markelov. Vnesh. torg 30 no 6:34-36 '60.

DELIVERY OF GOODS—STATISTICS see subdivision under Tajikistan

DELIVERY OF GOODS (LAW)

Legal questions in payment for goods and the acceptance of quality. Z. M. Zamengot. Sov. gos. i pravo no. 6: 39-44 Je '60.

DELTAS

Role of the tectonic factor in the formation and evolution of river deltas. V. G. Rikhter. Izv. AN SSSR. Ser. geog. no. 3:26-33 My-Je '60.

DELUSIONAL INSANITY see Paranoia

DEMENTIA PRAECOX see Schizophrenia

DEMINA, ALEKSANDRA GERASIMOVNA, d. 1960

A. G. Demina, obituary. Sov. pedag. 24 no. 3:160 Mr '60.

DEMOCRACY see subdivision under Athens

DEMOGRAPHY

Demographic consequences of wars. G. Potemkin. Biul. SNO LGU no 1 123-148 '59.

Do you know? Kul't. i zhizn' 4 no. 4:27 '60.

Several problems of the census and current accounting for population movement. R. Sifman. Vest. stat. no. 3: 49-51 '60.

Students' study group in the Moscow Institute of Economics and Statistics. A. A. Vest. stat. no. 3:79 '60.

DEMOGRAPHY—BIBLIOGRAPHY see Bibliography—Demography

DENMARK—COMMUNIST PARTY—CONGRESSES

Danmarks Kommunistiske parti. [The 20th Congress of the Danish Communist Party in Copenhagen, October 31-November 2, 1958 Translated from the Danish] XX s"ezd Kommunisticheskoi partii Danii, Kopengagen 31 oktiabria - 2 noiabria 1958 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 102 p.

DENMARK—COMMUNIST PARTY—PERIODICALS

A review of the journal "Tiden." L. A. Malov, T. N. Seliverstova Vop. filos. 14 no. 6:165-167 '60

DENMARK—DESCRIPTION AND TRAVEL

[Denmark, where but a few have too much and a handful is poor] Gde u nemnogikh — slishkom mnogo, i gde lish' gorstochka — bedna... Daniia. Kopengagen, Izd. M-vom inostr. del, 1959. 32 p.

DENMARK—SOCIAL CONDITIONS

"Welcome, Denmark!" by Gennadii Fish. Reviewed by L Bravde. Zvezda no. 2:218-219 F '60

DENMARK—WOMEN—EMPLOYMENT

Discussing the right of women to work. Ines Pisoni Cerlesi. Karla Frederiksen. Zhen. mira no. 12:22-23 '59.

DENSITOMETERS

Using densitometry and colorimetry in the printing industry. I S Fainberg Poligr proizv. no 3:18-21 Mr '60.

DENTAL INSTRUMENTS AND APPARATUS

Hydraulic gnathodynamometer. Med. zhur. Uzb. no. 7: 76-77 Jl '58.

Mechanization of the production of pulp extractors. E. A. Volodin, N. A. Sokolov, E. G. Vlasova. Med. prom. 14 no. 6:45-48 Je '60.

Primary and delayed replanting of teeth and roots. V. I. Kulashenko. Vrach. delo no. 2:159-164 F '60.

DENTAL PROSTHESIS

Arched prosthesis in paradentosis. V. P. Klimova, L. N. Manziuk. Probl. stom. 4:361-364 '58.

Condition of the mucous membrane of the alveolar process in patients with paradentosis before and after splinting with movable teeth. Z. S. Vasilenko. Probl. stom. 4.379-382 '58.

Direct prosthesis in paradentosis. A. A. Kotliar. Probl. stom. 4.357-360 '58.

Plaster method for the determination of central occlusion in prosthesis for patients with toothless jaws. G I. Sidorenko. Vrach. delo no. 1:59-61 '60.

Prosthesis in paradentosis. A. D. Mukhina. Probl. stom. 4 345-349 '58.

Results of prosthesis with removable parts in paradentosis. N. A. Dobytko. Probl. stom. 4:371-373 '58.

Use of arch bars in paradentosis. L. P. Grigor'eva, V. L. Ustimenko. Probl. stom. 4:365-369 '58.

Use of the retroalveolar region for stabilizing a complete lower denture. G. I. Sidorenko. Vrach. delo no. 3 285-287 Mr '60.

DEODORIZATION

Our experience in improving the process of deodorization of fats. A. S. Barbarash. Masl.-zhir. prom. 26 no. 4: 36 Ap '60.

DEPARTMENT STORES see subdivision under Moscow

DEPARTMENT STORES—EMPLOYEES

Karzanov, V.A. [Permanent production councils; from the experience of the "Detskii Mir" Department Store] Postoianno deistvuiushchee proizvodstvennoe soveshchanie; opyt moskovskogo univermaga "Detskii mir." Moskva, Gos. izd-vo torg. lit-ry, 1959. 20 p.

DEPRECIATION

Technological progress and obsolescence of equipment in the U. S. S. R. A. Miagkov. Nauch. dokl. vys. shkoly; ekon. nauki no. 1:3-12 '60.

DEPRESSION, MENTAL

Psychogenic depression in the legal psychiatric clinic. M. I. Beliakov. Probl. sud. psikh. 8:167-189 '59.

DEPRESSIONS

Mendel'son, L. A. [Theory and history of economic crises and cycles] Teoriia i istoriia ekonomicheskikh krizisov i tsiklov. Izd. 2., perer. i dop. knigi "Ekonomicheskie krizisy i tsikly XIX veka." Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 2 v.
(NN)

DERMATOLOGICAL SOCIETIES see subdivision under Tatar A. S. S. R.

DERMATOLOGY

Novocaine-calcium-vitamin complex in dermatology. V. I. Filipchik Zdrav. Belor 6 no 2:56 F '60

DERMATOMYCOSIS
(see also subdivision under Tashkent Province)

Preparations for the treatment of dermatomycosis with an undecylenic acid base. G. N. Pershin, S. N. Milovanova, A. L. Mikerina. Med. prom. 14 no. 4:47-51 Ap '60.

Shortening of the periods of infirmary treatment of patients with dermatomycoses of the scalp by the modified prodecure of the Tashkent Province Skin and Venereal Dispensary. K. N. Takhirov. Med. zhur. Uzb. no. 11:55-58 N '58.

DERMATOSCLEROSIS see Scleroderma

DESERT CANDLE see subdivision under Ukraine

DESERT FLORA
(see also subdivision under Aral region; Ili Valley)

Data concerning investigations on root systems of semi-desert plants. G P. Belostokov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1,56-71 '59.

DESERTS see subdivision under Asia, Central, Soviet Central Asia

DESIGN, DECORATIVE see subdivision under Buryat-Mongolia; Ukraine

DESORPTION

Effect of microfracturing of coal on the rapidity of methane desorption. IU. S. Promysler, M. F. IAnovskaia. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:126-132 My-Je '60.

DESOXYRIBONUCLEIC ACID

Differences in the radiosensitivity of desoxyribonucleoproteins and DNA [with summary in English]. P. I. TSeitlin and others. Biokhimiia 25 no. 1:129-134 Ja-F '60.

Effect of the molecular configuration of desoxyribonucleic acid on the biological activity proteins linked to it [with summary in English]. B. S. Diskina. Biokhimiia 25 no. 1:43-54 Ja-F '60.

Some characteristics of desoxyribonucleic acids from erythrocytes of ducks of various breeds under normal conditions and following reciprocal treatments with desoxyribonucleic acid preparations [with summary in English] O. P. Chepynoha and others. Ukr. biokhim. zhur. 32 no 3:368-380 '60.

DESTINY see Fate and fatalism

DESULFURATION

Desulfuration of pig iron in the blast furnace [with summary in English]. B. F. Goncharov. Stal' 20 no. 3 204-207 Mr '60.

Investigating sulfur absorbing properties of magnesium and calcium oxides. I. S. Kulikov, A. M. Samarin. Trudy Inst. met. no. 5:16-21 '60.

Sulfur and phosphorus removal from acid steel smelting electric furnaces. V. I Ivanov. Metallurg 5 no 3 8-9 Mr '60.

DETERGENTS see Cleaning compounds

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERONS

Effect of deuteron bombardment on the electric resistance of ordered and aging alloys. M. A. Artsishevskii and others. Sbor. trud. TSNIICHM no. 22:168-176 '59.

DEVELOPMENT see Embryology; Growth

DIABETES

Diabetes insipidus in children following tuberculous meningitis [with summary in French]. A. V Aleksandrova, V. F. Elufimova. Probl. tub. 37 no. 8: 53-57 '59.

Peritoneal manifestations in diabetes mellitus patients. Sh. A. Fridman. Zdrav. Belor 6 no. 2:67-68 F '60.

DIAGNOSIS, FLUOROSCOPIC see subdivision under Namangan Province

DIAGNOSIS, RADIOSCOPIC

Abramov, Sh. L [X-ray diagnosis of gunshot wounds] Rentgenodiagnostika ognestrel'nykh povrezhdenii. [Leningrad] Gos. izd-vo med. lit-ry. Leningr. otd-nie, 1959. 449 p.
(DNLM)

[illegible]NOSIS, RADIOSCOPIC (Continued)

Comparison of roentgenological data and operative findings in diseases of the stomach and duodenum [with summary in English]. I. M. IAkhnich. Khirurgiia 35 no.11:[illegible] N '59.

[illegible] diagnosis of tuberculosis of the lungs and [illegible] A. Zeigenilov, V. P. [illegible] Reviewed by V. A. D'iachenko. Vest. rent. i rad. 35 no.1:78 Ja-F '60.

DIALECTIC

[illegible] [From Hegel to Lenin: the fate of [illegible] (philosophy)] [illegible] Moskva, [illegible] 1960. 87 p. [illegible]

Mitin, V. I. [V. I. Lenin on the dialectic of the [illegible] and the [illegible]] V. I. Lenin o dialektike [illegible] Moskva, Izd-vo "Znanie," 1960. 31 p. [illegible] Ser. 2, Filosofiia, no.13)

DIALECTICAL MATERIALISM

[illegible] 15 no.[illegible]

Selected problems in the dissemination of Marxist [illegible] A. P. Bolkina, M. D. [illegible] Vop. [illegible] '60.

[illegible] M. Rozental'. Kommunist 37 no.11: [illegible] '60.

Dialectical materialism as a scientific system. P. V. Kopnin. Nauch. dokl. vys. shkoly; filos. nauki 3 no.1: [illegible] '60.

Science as philosophy (Marxist-Leninist dialectics as science by V. P. Rozhin. Reviewed by A. V. [illegible]) [illegible] no.11:149-150 '60.

[illegible] V. I. Lenin's [illegible] Materialism [illegible] A. P. [illegible] Vest. [illegible] no.1:81-91 Ja-Mr '60.

[illegible] M. N. [illegible] Reviewed by [illegible] Vop. fil. 14 no.8:[illegible] '60.

[illegible] Lenin's "Materialism and empiriocriticism" [illegible] 118-123.

Gropp, Rugard Otto. [Dialectical materialism; [illegible] Translated from the German] Dialekticheskii materializm, kratkii ocherk. Moskva, [illegible] 1959. 121 p. (60)

[illegible] Marxist dialectic [illegible] 135-139 '61.

[illegible] V. P. [V. I. Lenin on the dialectic of [illegible]] V. I. Lenin o dialektike [illegible] Moskva, [illegible] 1960. 43 p. [illegible] Ser. 2, Filosofiia, no.3) (MIRA [illegible])

[illegible] Vop. filos. [illegible]

[illegible] V. P. [illegible] Nauch. dokl. vys. shkoly; filos. nauki [illegible]

[illegible] Moskva, [illegible] 1959. 31 p.

[illegible]

[illegible]

[illegible] dealing with the law of negation of negation [illegible]

DIAMOND, [illegible]

[illegible]

DIAMOND CUTTING

[illegible] techniques and dressing disks [illegible] Tekh. [illegible] no.3:[illegible]

DIAMOND CUTTING INDUSTRY

[illegible]

DIAMOND WHEELS AND HONES

(See also subdivision under Grinding)

[illegible]

[illegible]

DIAMONDS, INDUSTRIAL

[illegible]

Miedlin, IA. B. [Use of diamonds in mechanical engineering; revised transcript of a public lecture delivered at the Central Lecture Hall of the Society in Moscow] Almazy v tekhnike, pererabotannaia stenogramma publichnoi lektsii, prochitannoi v TSentral'nom lektorii Obshchestva v Moskve. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no.11)

DIAPHRAGM—HERNIA

Case of diaphragmatic hernia of traumatic origin. G. P. [illegible] V. [illegible] Vest. rent. i rad. 35 no.1:[illegible] Ja-F '60.

Hernia of the esophageal orifice of the diaphragm, simulating [illegible] [with summary in English]. M. M. [illegible] Khirurgiia 35 no.12:54-55 [illegible] '59.

Parasternal diaphragmatic hernias and their X-ray diagnosis [with summary in English]. [illegible] Vest. rent. i rad. 35 no.1:[illegible] Ja-F '60.

[illegible] plastic surgery for the opening of a diaphragm [illegible] [illegible] [illegible] 61-65 [illegible]

DIAPHRAGM—RADIOGRAPHY

[illegible] of the diaphragm following [illegible] [with summary in English]. [illegible] Vest. rent. i rad. 35 no.1:[illegible] Ja-F '60.

DIAPHRAGM—SURGERY

[illegible]

DIAPHRAGMS (MECHANICAL DEVICES)

[illegible]

DIATOMACEOUS EARTH

[illegible] a new filler [illegible] [with summary in English] [illegible]

DIATOM, [illegible], COPPER [illegible]

[illegible]

DIATOMS

(See also [illegible] Heating [illegible])

[illegible]

DIAZO COMPOUNDS

[illegible]

DIAZONIUM COMPOUNDS

[illegible]

DIAZONIUM COMPOUNDS—SPECTRA

[illegible]

DICTIONARIES, POLYGLOT

Unique lexicographic work. A. T. [illegible] Vest. AN Kazakh. SSR 16 no.2:[illegible] F '60.

[illegible]

[illegible]

DIE CASTING

[illegible] of large aluminum parts. [illegible] Mashinostroitel' no.[illegible] Mr '60.

DIE CASTING—TECHNOLOGICAL INNOVATIONS

Improving technological processes of die casting. V. V. Aleksandrov, A. M. Davidov. Mashinostroitel' no.[illegible] Mr '60.

DIELECTRIC CONSTANTS—MEASUREMENT

Use of a coaxial line in measuring magnetic permeability and dielectric permittivity. IA. M. [illegible] Izv. vys. ucheb. zav.; radiotekh. 2 no.6:[illegible] N-D '59.

DIELECTRICS

Amplitude and phase fluctuations of a wave propagated in an inhomogeneous absorbing medium. [illegible] Izv. vys. ucheb. zav.; radiofiz. 2 no.6:[illegible] '59.

Changes in [illegible] paper located in a [illegible] V. T. [illegible], M. N. [illegible] Izv. vys. ucheb. zav.; [illegible] 3 no.3:[illegible] My '60.

Effect of temperature on the specific volume resistance of polyvinyl chloride plastic. IU. N. Von Gaut. Vest. elektroprom. 31 no.2:27-30 F '60.

Investigating the dielectric permeability of gypsum during dehydration processes. M. P. Nazarov, V. D. Alekseev. Trudy [illegible] no.15:109-119 '59.

Magnetic paste in electric machinery. V. A. Troitskii. Izv. AN Uz. SSR. Ser. tekh. nauk no.1:19-28 '60.

Measuring the reflection factor of dielectric specimens in a free space. D. I. Mirovitskii. Izm. tekh. no.2:39-44 F '60.

Possibility of creating a periodically inhomogeneous dielectric. [illegible] Izv. vys. ucheb. zav.; radiofiz. 2 no.6:1011-1014 '59.

Results of a study of the breakdown of crystalline ionic dielectrics in a vacuum. V. D. Kuchin. Izv. vys. ucheb. zav.; fiz. no.6:107-111 '59.

Tension of effective dielectric permeability of a medium with random inhomogeneities. [illegible] Izv. vys. ucheb. zav.; radiofiz. 2 no.6:1015-1016 '59.

DIENCEPHALON

Some disputed and unresolved questions of the pathophysiology and pathology of the diencephalic region. L. IA. [illegible] Med. [illegible] no.0/0:100-105 Ag 3 '59.

DIES (METALWORKING)

Conveying and storage of dies in die stamping shops. V. V. [illegible] Avt. prom. no.[illegible] Ap '60.

Dies for bending spring hooks. [illegible] Mashinostroitel' no.4:[illegible] Ap '60.

Heavy duty dies. A. I. Markhols. Mash. Itel. no.6:101-106 '59.

DIES (METALWORKING)—TESTING

Adjusting apparatus for setting dies. I. P. Malef. Mash. Itel. no.6:105-107 '59.

DIESEL ENGINES

(See also subdivision under Machinery)

Calculating diesel installations operating with pulsating loads. IA. A. [illegible], N. D. [illegible] Energomashinostroenie 6 no.1:10-18 Mr '60.

Column filled with a mixture of benzene and oil for starting of diesel tractor engines. B. N. Kostiukov. Torf. prom. 37 no.2:34-35 '60.

D-46 diesel engine. I. V. Novytskyi. Mekh. sil'. hosp. 11 no.2:30-31 F '60.

DIESEL ENGINES—COLD WEATHER OPERATION

Starting the IAAZ engines in winter. [illegible] Avt. transp. 38 no.2:[illegible] F '60.

DIESEL ENGINES—COOLING

New ways of treating water used for cooling the diesel engine. F. F. [illegible] Elek. i tepl. tiaga 4 no.4:31-32 '60.

DIESEL ENGINES—LUBRICATION

Causes of the overconsumption of oil in KDM-46 engines. B. [illegible] Tekh. v sel'khoz. 20 no.2:40-52 F '60.

How the thinning of oil affects the wear of tractor engines. I. [illegible], V. [illegible] Tekh. v sel'khoz. 20 no.2:48-49 F '60.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Method for elimination of the sticking of needles in an atomizer. N. N. Plaksin. Elek. i tepl. tiaga 4 no.2:18 F '60.

New technology of the changing of cylindrical bushings. G. N. Savel'ev. Elek. i tepl. tiaga 4 no.2:15 F '60.

Optical method for checking diesel engine assembly. N. G. [illegible] Elek. i tepl. tiaga 4 no.2:21-23 F '60.

Repairing block heads on the lathe. A. Pichugin. Tekh. v sel'khoz. 20 no.2:60-61 F '60.

DIESEL ENGINES—STARTING

Stand for running in PD-10 starting motors. G. Perekatov. Tekh. v sel'khoz. 20 no.2:60 F '60.

DIESEL ENGINES—TESTING

Effect of the hydrofining of fuels from eastern petroleums on the wear and scale formation in diesel engines. M. S. Dmitriev. Khim. i tekh. topl. i masel 5 no.3:43-45 Mr '60.

Requirements of devices and stands for testing fuel systems of diesel engines. V. Ivanov. Avt. transp. 38 no.2:30 F '60.

DIESEL FUELS

Blending diesel oils of different origin, and the technology of their preparation. [illegible] V. A. [illegible] Khim. i tekh. topl. i masel 5 no.4:43-45 Ap '60.

Solubility of gases under high pressures in catalytically cracked diesel fuel and gas oil. M. I. Levina. Khim. i tekh. topl. i masel 5 no.4:5-7 Ap '60.

DIESEL FUELS—TESTING

Low-temperature properties and pumpability of diesel fuels. V. Lapikura. Avt. transp. 38 no.2:26-28 F '60.

DIESEL LOCOMOTIVES
(see also subdivision under Germany, West, Kharkov, Kolomna; Lugansk; Muromsk)

Comments and wishes for the reference book. A. L. Katsal. Elek. i tepl. tiaga 4 no. 2:48-3 of cover F '60.

Electromagnetic system for controlling the transmission of electricity in diesel locomotives (from "Railway Locomotives and Cars," nos. 4, 11, 1959). A. B. Rodovskii. Elek. i tepl. tiaga 4 no. 4:47 '60.

Improving the performance of idling 2D100 diesel locomotives. A. N. Gurevich, N. P. Sinenko, A. E. Simson. Vest. TSNII MPS 19 no. 2:20-24 '60.

Lengthening the life of diesel locomotive aluminum pistons. T. V. Larin, B. M. Astashkevich. Vest. TSNII MPS 19 no. 2:53-56 '60.

Modernization of the TE3 diesel locomotive. S. N. Surzhin. Elek. i tepl. tiaga 4 no. 4:12-15 '60.

More about the TEM1 diesel locomotive. Z. I. Makaev. Elek. i tepl. tiaga 4 no. 4:45-46 '60.

New grounding relay circuit on diesel locomotives. A. A. Budnitskii. Elek. i tepl. tiaga 4 no. 2:25 F '60.

New narrow-gauge DM-2 locomotive. F. V. Gromov. Torf. prom. 37 no. 2:9-10 '60.

Selecting the regulation limits for electric transmission elements of diesel locomotives. B. G. Kamenetskii. Vest. TSNII MPS 19 no. 2:14-19 '60.

The TGM3 diesel switcher. A. I. Bychkov. Biul. tekh.-ekon. inform. no. 2 65-66 '60.

Useful book "Reference book for a diesel locomotive engineer" by V. M. Terekhov, I. I. Murzhin. Reviewed by A. M. IAkubovskii and others. Elek. i tepl. tiaga 4 no. 2 47-48 F '60.

VME1 shunting diesel locomotive. V. I. Sarin, V. A. Elsukov. Elek. i tepl. tiaga 4 no. 2:20-35 F '60.

What takes place when the 6th pair of wheels of a diesel locomotive skid? S. A. Gromov. Elek. i tepl. tiaga 4 no. 4:42-43 '60.

Why does the TE3 diesel locomotive cabin have no sound insulation? V. P. Mandych. Elek. i tepl. tiaga 4 no. 2:46 F '60.

DIESEL LOCOMOTIVES—ELECTRIC DRIVING
Trends in the development of electric transmissions for locomotives. A. D. Stepanov. Vest. mash. 40 no. 3:20-28 Mr '60.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR
(see also subdivision under Moscow, Tashkent)

Advice dictated by practical experience. B. I. Kozlov. Elek. i tepl. tiaga 4 no. 2 37-38 F '60.

Improved model of a fan. M. M. Shapiro. Elek. i tepl. tiaga 4 no. 4:21-22 '60.

Our experience in overhauling a hydromechanical reductor. A. N. Zhinganovskii. Elek. i tepl. tiaga 4 no. 2:8-9 F '60.

DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS
see subdivision under Kolomna

DIET
(see also subdivision under China)

Diet for expectant mothers. Rab. i sial. 36 no. 2:22 F '60.

Influence of various edible and potable substances on the water and salt metabolism in man. A. IU. IUnusov, E. S. Makhmudov. Med. zhur. Uzb. no 8/9 70-79 Ag-S '58

DIET IN DISEASE
Diet in nephritis. I. Ganetskii. Obshchestv. pit. no. 3:53-55 Mr '60.

Principles of therapeutic nutrition for pulmonary tuberculosis patients. M. F. Merezhinskii. Zdrav. Belor. 3 no 10:63-66 O '57.

Shilko, L. P. [Diet for patients] Pitanie bol'nogo. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 77 p.
(DNLM)

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL EQUATIONS
Asymptotic expansion of a solution for a class of system of two differential equations with holomorphic right-hand side. A. N. Erugin. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 1:27-42 '60.

A boundary problem for an equation of the fifth order. A. Sh. Gabib-zade. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1:41-47 '59.

Boundary problems for elliptical differential equations degenerating along the boundary of the region [with summary in English] L. S. Parasiuk. Dop. AN URSR no. 2:144-147 '60.

Boundary value problems and problems of eigenvalues for quasidifferential equations. Sh. E. Mikeladze. Trudy Mat. inst. AN Gruz. SSR 26:241-261 '59.

Certain evaluations of errors of the Ritz-Galerkin method for ordinary differential equations. A. V. Dzhishkariani. Trudy Mat. inst. AN Gruz. SSR 26 265-306 '59.

Comments on "Uniqueness of the solution to the Cauchy problem for quasilinear symmetric systems of differential equations." L. N. Slobodetskii. Usp. mat. nauk 15 no. 1:262 Ja-F '60.

Construction of a uniform approximation for solutions of systems of differential equations with a small parameter at the highest derivative. A. B. Vasil'eva. Mat. sbor. 50 no 1:43-58 Ja '60

Continuous dependency of solutions of simultaneous differential equations with piecewise-continuous right sides on initial conditions. IU. K. Solntsev. Uch. zap. Mosk. un. no. 186[a] 191-203 '59.

Convexity of the region in which the solution of a differential equation of infinite order is regular. A. F. Leont'ev. Dokl. AN SSSR 132 no 5 1019-1022 Je '60

Differential equations in Banach spaces. M. Z. Solomiak. Izv. vys. ucheb. zav., mat. no. 1 198-209 '60.

Equations with deviating arguments. G. A. Kamenskii. Uch. zap. Mosk. un. no. 186[a]:205-209 '59.

Existence of a periodic solution for nonlinear equations of the third and fourth orders. E. M. Vaisbord. Nauch. dokl. vys. shkoly; fiz.-mat. nauki no. 3:10-13 '59.

Existence of a periodic solution in one autonomic system of n-differential equations. V. S. Blinchevskii. Mat. sbor. 50 no. 1:117-126 Ja '60

Existence of an approximating sequence for a regular linear differential system. IU. S. Bogdanov. Usp. mat. nauk 15 no. 1:177-179 Ja-F '60.

Expansion of the solution of the Briot and Bouquet equation into a series in the vicinity of the origin of the coordinates. M. B. Guk'lamukhov. Trudy UzGU no 78,71-104 '58.

Finding the boundary of a region of asymptotic stability for a nonlinear system of differential equations. A Solov'ev. Biul. SNO LGU no. 1,3-11 '58.

Gel'fond, A. O. [Calculation of finite differences] Ischislenie konechnykh raznostei. Izd. 2., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1959. 400 p.

Initial jump for nonlinear differential equations containing a small parameter. M. I. Vishik, L. A. Liusternik. Dokl. AN SSSR 132 no 6 1242-1245 Je '60

Limit cycles of simultaneous differential equations with a small parameter at the higher derivatives. D. V. Anosov. Mat. sbor. 50 no. 3:299-334 Mr '60.

Modified method of M. Al'mukhamedov. I. I. Shirov. Trudy UzGU no. 78:53-57 '58.

New deduction of the Levner type equation for doubly-connected domains. M. P. Kuvaev. Trudy TGU 144:45-55 '59.

Nomographing general integrals of ordinary differential equations of the first order. S. V. Smirnov. Uch. zap. Mosk. un. no. 186[a]. 245-248 '59.

Nonlinear mixed problem for a linear problem. U. Rzaev. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1:63-66 '59.

Number of operations for distinguishing the singular point of the generalized Briot and Bouquet equation. D. M. Gruz. Trudy UzGU no. 78:3-31 '58

Numerical integration of simultaneous differential equations of heat transfer and the mass of a substance. P. P. IUshkov. Trudy Inst. energ. AN BSSR no 10 73-80 '59

Numerical solution of ordinary differential equations by means of polynomials. Sh. E. Mikeladze. Trudy Mat. inst. AN Gruz. SSR 26:263-284 '59.

On first and second problems of distinction. D. M. Gruz. Trudy UzGU no. 78:17-41 '58.

On the first and the second canonic form. IA. Sh. Kaplunovich. Trudy UzGU no. 78:105-123 '58.

On the first problem of distinction. I. S. Kukles. Trudy UzGU no 78:195-203 '58.

On the problem of closed nonperiodic solutions to differential equations. N. A. Lukashevich. Dokl. AN BSSR 4 no. 3:91-94 Mr '60.

One analog of the Hukukara equation. I. S. Kukles, D. M. Gruz. Trudy UzGU no. 78:43-52 '58.

One case of the behavior of characteristics on a plane. R. Kobulov. Trudy UzGU no. 78:125-130 '58.

One method for proving the theorem of the sum of products. I. I. Shirov. Trudy UzGU no. 78:59-69 '58

Periodic solutions of nonautonomic systems in the case of an isolated originating solution [with summary in English]. O. Mitropol's'kyi, O. B. Lykova. Dop. AN URSR no. 1:3-5 '60.

Qualitative investigation of trajectories of difference equations in the neighborhood of a fixed point. A. M. Panov. Izv. vys. ucheb. zav., mat. no. 1,166-174 '60.

Recurrent differential equations. IU. L. Rabinovich. Uch. zap. Mosk. un. no. 186[a]:179-190 '59.

Singular points of differential equations with retarding arguments. Kh. G. TSwang. Uch. zap. Mosk. un. no. 186[a]. 211-218 '59.

Some boundary value problems for equations of mixed type arising in the study of infinitesimal flexures in rotational surfaces. N. I. Baklevich. Usp. mat. nauk 15 no. 1:171-176 Ja-F '60.

Some problems in the theory of the Sturm-Liouville equation. B. M. Levitan, I. S. Sargsian. Usp. mat. nauk 15 no. 1:3-98 Ja-F '60.

Some theorems of Liapunov's second method. S. K. Persidskii. Vest. AN Kazakh. SSR 16 no 2:72-76 F '60.

Special case of the first problem of distinction. I. S. Kukles. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6:14-26 '59.

Stability of a solution. A. Aban'shin. Biul. SNO LGU no. 1:36-50 '58.

DIFFERENTIAL EQUATIONS, LINEAR
Asymptotic behavior of oscillating solutions to a linear homogeneous differential equation of the second order with a retarding argument. S. B. Norkin. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no 3 48-56 '59.

Asymptotic solutions of a system of linear differential equations of the hyperbolic type with a small parameter [with summary in English] I. I. Markush. Dop. AN URSR no. 1:17-21 '60

Constructing a fundamental solution in the vicinity of an irregular special point of a system of linear differential equations. V. Leonov. Biul. SNO LGU no. 1 12-19 '58.

Extension of Favard's theorem to the case of a linear system of differential equations with analytic almost periodic coefficients [with summary in English] L. M. Lisevych. Dop. AN URSR no. 2 148-149 '60

Necessary and sufficient conditions for limitation and inclusion in space $L_2(a,\infty)$ of solutions for one class of linear differential equations of the second order [with summary in English] I. A. Pavliuk. Dop. AN URSR no 2 156-158 '60.

Some trends and problems in the theory of linear partial differential equations. L. Gording. Usp. mat. nauk 15 no. 1:137-152 Ja-F '60.

Stability of the solution of Cauchy's problem for systems of linear partial differential equations. R. S. Gusarova. Uch. zap. Mosk. un. no. 186[a] 219-234 '59.

DIFFERENTIAL EQUATIONS, PARTIAL
Applicability of the Chaplygin method of hyperbolic equations. G. P. Kukhta. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no 3 42-44 '59.

Basic boundary value problem for a polyharmonic equation of the fourth order. O. I. Panich. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no 3 64-70 '59.

Investigation in the theory of parabolic systems (summary of a doctoral thesis). S. D. Eidel'man. Usp. mat. nauk 15 no. 1:251-256 Ja-F '60.

Lacunae of nonhyperbolic equations. S. A. Gal'pern. Dokl. AN SSSR 132 no 5 990-993 Je '60.

Mixed boundary value problems for singular hyperbolic equations. M. B. Kapilevich. Dokl. AN SSSR 132 no 5 1005-1008 Je '60

One form of hypercomplex monogenic functions. V. S. Fedorov. Mat. sbor. 50 no 1:101-108 Ja '60

One partial differential equation of the fourth order to which the plane problem of flow in Oseen's linearization of the Navier-Stokes system of equations is reduced. O. I. Panich. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no. 3,57-63 '59.

One sufficient condition for applicability of the Chaplygin method to hyperbolic equations. G. P. Kukhta. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no 3,45-47 '59.

Spectrum of one operator and the Dirichlet problem for the equation $\Box^2 \mu + 4\frac{\partial^2}{\partial t^2}\Box \mu + 2\frac{\partial^4 \mu}{\partial t^4} = f(x, y, z, t)$. G. V. Virabian. Dokl. AN SSSR 132 no 5 986-989 Je '60

Stability of Cauchy problem solutions for symmetric systems of partial differential equations. A. Kh. Gelig. Izv. vys. ucheb. zav., mat. no. 1 69-83 '60.

Two special solutions for Lamé equations of the plane theory of elasticity in polar coordinates. A. N. Shchepetov. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no. 3:78-82 '59.

Validity of Liouville's theorems for solutions of parabolic systems. S. D. Eidel'man. Usp. mat. nauk 15 no. 1:233-234 Ja-F '60.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION
Attachment to the URS-50 diffractometer for phase analysis. O. S. Volkov, D. M. Kheiker. Zav. lab. 26 no. 3:363-364 '60.

DIFFUSERS—DISINFECTION
Disinfection of diffusion batteries by formalin. G. V. Shtepan. Sakh. prom. 34 no. 3,16-17 Mr '60.

DIFFUSION
Apparatus with automatic control for the determination of the diffusion coefficient. M. M. Zaalishvili, F. O. Shraibman, A. R. Egiazarova. Biofizika 5 no. 1:69-75 '60.

Concentration dependence of the diffusion coefficient of organic substances in polymers [with summary in English]. R. M. Vasenin. Vysokom. soed. 2 no. 6:851-856 Je '60.

Conditions of the formation of rubberized fabrics as a factor in their gas permeability. M. G. Maizel's, V. G. Raevskii, I. T. Gridunov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1,179-181 '60.

Dependence of the diffusion coefficient upon the extent of adsorption on activated carbon. D. P. Timofeev, I. T. Erashko. Dokl. AN SSSR 132 no 5 1144-1147 Je '60

Deriving and solving a differential equation describing the transfer of matter in the course of electrodiffusion in metallic alloys. L. P. Kholpanov, S. I. Drakin. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:14-19 '60.

Diffusion coefficient and the nature of the diffusing molecules [with summary in English]. R. M. Vasenin. Vysokom. soed. 2 no. 6:857-863 Je '60.

DIFFUSION (Continued)
Effect of additions of emulsifiers to fatty acids on their properties of diffusion. N.I Kozin, E.N. Sitnikova. Sbor. nauch. rab INKH no. 16:192-201 '59.
Effect of plastic deformation of nickel on the rate of diffusion in the system Ni - S. B.IA. Pines, E.F. Chaikovskii. Fiz. met. i metalloved. 9 no.3:360-373 Mr '60.
Investigating reactive diffusion in systems metal-multicomponent gas. Part 2. System chromium - sulfurous anhydride. V.N.Konev, N.G. Bogacheva, V.I. Arkharov. Fiz.met.i metalloved. 9 no.3:358-361 Mr '60.
Investigating self diffusion in cast chromium iodide. N.A. Bogdanov. Izv. AN SSSR. Otd. tekh. nauk.Met. i topl. no.3:99-103 My-Je '60.

DIFFUSION COATINGS
Evaluating factors determining changes in diffusion mobility during deformation. B.S.Bokshtein, T.I. Gudkova. Izv.vys.ucheb.zav., chern.met. no 5·108-114 '60.

DIGESTION
Gastric and intestinal digestion in ducks. A. Kanimetov. Izv. AN Kir. SSR. Ser. biol. nauk 1 no.1:77-92 '59.

DIGESTIVE ORGANS
Condition of the digestive organs in patients with paradentosis. Report No.1. S.M.Volynskii, T.G.Gol'dova. Probl. stom. 4:167-172 '58.

DIGESTIVE ORGANS—DISEASES
Comparison of roentgenological data and operative findings in diseases of the stomach and duodenum [with summary in English]. I.M.IAkhnich. Khirurgiia 35 no.12 7-11 D '59.
Condition of the periodontium in patients with diseases of the digestive organs; preliminary report. S.M. Volynskii, O.D.TSyganenko. Probl. stom. 4·161-165 '58.
Hemorrhages from varicose dilation of the esophageal veins and the cardial portion of the stomach V.I. Avdiunichev, IU.M.Dederer. Khirurgiia 35 no.12. 50-91 D '59

DIGESTIVE ORGANS—FOREIGN BODIES (SURGERY)
Case of foreign bodies in the gastrointestinal tract. A.A. Titarenko. Khirurgiia 35 no.12·106-107 D '59.

DIGESTIVE ORGANS—INNERVATION
Innervation of the digestive tract in man. N.G. Kolosov. Vest. AMN SSSR 15 no.1:25-35 '60.
Telaeva, M. B. [Evolution of the function of the vagus nerve in the activity of the gastrointestinal tract] Evoliutsiia funktsii bluzhdaiushchego nerva v deiatel'nosti zheludochno-kishechnogo trakta. Moskva, Izd-vo Akad. nauk SSSR, 1960. 198 p.

DIGESTIVE ORGANS—RADIOGRAPHY
Roentgenodiagnostic significance of functional changes in the stomach and the duodenum in diseases of the gallbladder and bile ducts [with summary in English]. J.Chochalac. Vest. rent. i rad. 35 no.1:9-14 Ja-F '60.

DIGESTIVE ORGANS—SURGERY
Indications for secondary operations in complications following resection of the stomach [with summary in English]. M.S.Vainshtein. Khirurgiia 35 no.12·24-28 D '59.
Late results of the treatment of perforated stomach and duodenal ulcers by suturing [with summary in English]. N.V.Gurtovoi. Khirurgiia 35 no.12:28-32 D '59.
Treatment of high obstruction of the digestive tract developing after resection of the stomach [with summary in English]. O.S.Shkrob. Khirurgiia 35 no.12:38-44 D '59.

DIGESTIVE ORGANS—TUBERCULOSIS
Tuberculosis of the stomach and duodenum. D.S. Karimov. Med. zhur Uzb. no. 8/9·46-50 Ag-S '58.
Tuberculous pylorostenosis [with summary in English]. IU.I.Datkhaev. Khirurgiia 35 no.12·50-53 D '59.

DIKES (GEOLOGY)
Age relation between dikes of basic rocks and postmagmatic ores. O.P.Gor'kovoi, I.M.Mirkhodzhiev. Uzb. geol. zhur. no.1:82-88 '60.

DILATOMETRY
Dilatometric determination of the density of thermal vacancies the energy of their creation and the activation energy of their departure. S.D.Gertsriken, N.N.Novikov, B.F.Sliusar. Fiz.met.i metalloved. 9 no.3: 465-467 Mr '60.

DIMENSIONAL ANALYSIS
Grading of dimensions and similitude laws in designing elements of machines and machine tools; abstract. K.V.Khitsenko. Standartizatsiia 24 no.3:63-64 Mr '60.

DINOSAURIA see subdivision under Asia, Central

DIODES
Inductive properties of the resistance of p-n junction diodes in the transmissive direction at high current density. L.I.Baranov. Radiotekh. i elektron. 5 no.6: 1002-1005 Je '60.
Theory of frequency properties of semiconductor diodes. D.A.Aronov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.1:23-34 '60.

DIOPSIDE
Effect of zirconium dioxide on the crystallization of a diopside-like cast. V.V. Lapin, A.I. Rabukhin, V.V. Chernyshev. Izv. vys. ucheb. zav., khim i khim. tekh. 3 no.1:193-195 '60.

DIORITE—SPECTRA
Measurement of the γ-ray spectra resulting from neutron capture in certain rocks A A Fedotov, M M Sokolov, A P Ochkur Atom. energ 8 no 6·555-556 Je '60

DIOXANE
Physicochemical study of dioxane-containing systems Part 12 New method of preparing sulfuric anhydride dioxanate IA F Mezhennyi, N IA Kovganich Zhur ob khim 30 no 6 1755-1757 Je '60

DIPHENHYDRAMINE
Model synthesis of C^{14}-dimedrol. T.P. Sycheva, I.V. Lebedeva, M.N. Shchukina. Khim. i med. no.11 77-82 '59.

DIPHTHERIA
(see also subdivision under Moldavia, Uzbekistan)
Diphtherial affections of the nervous system as shown by data of the Clinic for Nervous Diseases of the Samarkand Medical Institute. M.I.Gabrielian, A.D.Sal'kova. Med. zhur. Uzb. no.10:18-20 O '58.
Present-day prophylaxis and treatment of diphtheria. Kh.A.IUnusova. Med. zhur. Uzb. no.5:18-22 My '58
Specificity of the tellurite test in diphtheria G.A. Sudzhaev Zdrav Belor 6 no 2 31-34 F '60
Treatment of diphtheria bacilli carriers with onion phytoncides and with biomycin and ecmolin. G A Sudzhaev. Zdrav. Belor 3 no.10:56 O '57

DIPHTHERIA—BACTERIOLOGY
Pathohistological changes during a test for the virulence of diphtheria bacteria. L I. Kartushina. Med zhur Uzb. no.5:41-49 My '58.

DIPTERA
Control of blood-sucking midges O Sazonova Nauka i zhizn' 27 no 3,78 Mr '60

DISABILITY EVALUATION
(see also subdivision under Kirovograd Province, Kuybyshev Province, Olshana District)
According to the best of my ability and the dictates of my conscience. F. Kvashnin. Sots. obesp. 21 no.2 33 F '60.
Aid to physicians of the Disability Evaluation Commission: Clinical and expert approach to patients with neuropsychiatric disorders (psychopathies, neuroses, and reactive diseases). M. Georgievskii. Sots. obesp. 21 no.3:28-31 Mr '60.
Analysis of the work of the Disability Evaluation Commission must be improved. M. Shchapov. Sots. obesp. 21 no.3:20-22 Mr '60.
Criterion for the determination of group invalidism in patients with bronchial asthma. K.V. Krylova. Kaz. med. zhur. 41 no.1:21-24 Ja-F '60.
Determination of temporary disability in diseases of the peripheral nervous system P.D. Chepik, G.I. Rabinovich Zdrav Belor 6 no 2·48-50 F '60.
Disability evaluation for persons with vascular diseases of the brain [with summary in English]. I.O. Gilula. Vrach. delo no.2:139-143 F '60.
Disability evaluation in 1060. A. Tret'iakov. Sots. obesp. 21 no.2:26-31 F '60
Influence on work capacity of small concentrations of poisonous substances. IU.I. Vasilenko. Vrach. delo no.2:173-175 F '60.
Methods for improving expert evaluation of temporary incapacity. Z.A. Gurevich, I.D. Khorosh. Vrach. delo no.2:179-181 F '60.
Strengthening contact with practice. D. Gritskevich. Sots. obesp. 21 no.2,31-32 F '60.

DISARMAMENT
(see also subdivision under Germany, West, Great Britain)
Answers of N.S. Khrushchev, the Chairman of the Council of Ministers of the U.S.S.R. to the questions put by Pierre Cot the political director of the magazine "Horizon." V zashch. mira no.2,2-6 F '60.
Appeal of the Supreme Soviet of the U.S.S.R. to parliaments and governments of all states of the world. Moskva 4 no.2:3-5 '60.
Appeal of the Supreme Soviet of the U.S.S.R. to the parliaments and governments of the world. Kul't. i zhizn' 4 no.2,2-4 '60.
Brief news Agitator no.13 64 Jl '60.
Butter instead of cannons. N. Gauzner. V zashch. mira no.2:14-16 F '60.
A constructive contribution toward the solution of the disarmament problem. Kommentator. Mezhdunar. zhizn' 7 no.7:58-61 Jl '60.
Disarmament. Sovremennik. Nov. vrem. 18 no.27·3-4 Jl '60.
Disarmament and not "rearmament." N.A. Talenskii. V zashch. mira no.3:20-22 Mr '60.
Disarmament and underdeveloped areas. A. Kodachenko. Mezhdunar. zhizn' 7 no 7.42-48 Jl '60.
Disarmament, détente, peace. G. Rassadin. Kul't. i zhizn' 4 no.3:2-3 '60.
The 50th anniversary of International Women's Day and the disarmament question were the center of attention at the meeting of the council of the Women's International Democratic Federation. Ivonna Kiles Zhen. mira no 12 6 '59
For peace without guns. N. Novikov. Sov. profsoiuzy 16 no.12 6-7 Je '60
For the workingman's happiness. Sots. trud 5 no.2·3-8 F '60.
Foreward to disarmament. Nov. vrem. 18 no.24:1-2 Je '60.
General and complete disarmament meets the hopes and expectations of millions of women. Zhen. mira no 10 8-9 '59.
General and complete disarmament meets the hopes and expectations of millions of women. Zhen. mira no.11 7 '59.
How to secure a quiet and peaceful life for the people of all countries. M. Sturua. Otv. na vop. trud. no.109·3-10 '59.
"If I were minister of finance..." Mol. mira. no.12·4-5 '59.
An immediate objective. V. Aleksandrov. Mezhdunar. zhizn' 7 no 6 69-73 Je '60
International assembly of women on disarmament. Ivonna Kiles. Zhen. mira no.2 8-10 '60.
Is it really so frightening to get rid of fear? Michel Hincker. V zashch. mira no.2 7-13 F '60
It's not a dream! Aleksei Oborotov and others. Vsem. stud. nov. 14 no.2·4-6 F '60.
Let's struggle for disarmament! V. Osetrov. Agitator no.5 28 Mr '60.
Modern weapons and the problem of disarmament. N.N. Zhukov-Verezhnikov. V zashch. mira no.2,17-20 F '60.
New hope is born. Zhen. mira no.12,7 '59.
Notes of an observer. Sov. Soiuz no.2·2 '60.
Our questionnaire. Mol. mira no.1·2-3 '60.
Peace and happiness for all peoples. M. Kotov. Sov. profsoiuzy 16 no.8·19-23 Ap '60.
Peace for the world; say Soviet people. E. Petrov and others. Sots. obesp. 21 no.3:4 Mr '60.
Peace-loving act of world-wide importance. Sov. potreb. koop. 4 no.3·1-2 Mr '60.
Recollecting Lenin's decree G M Dubinin V zashch mira no 4 8-13 Ap '60
Responsibility lies on all of us Pierre Cot V zashch mira no 4 2-7 Ap '60
We have to choose between atomic death and international agreement... Linus Pauling. Zhen. mira no.11 10-11 '59
We must answer the Soviet Union. Edgar Faure. V zashch. mira no.3:8-11 Mr '60.
We need effective cooperation to achieve disarmament. Nicolas Guillen and others. Mol. mira. no.12·2-3 '59.
What furthered the improvement in international relations. N. Kutarov. Otv. na vop. trud. no.109:10-15 '59.
With the eyes of the Japanese. M. Efimov. Ogonek 38 no.5 4 Ja '60.

DISARMAMENT—CONGRESSES
This concerns everybody. Zhen. mira no 2 11-12 '60.

DISASTERS see subdivision under Fréjus, France

DISCIPLINE, MILITARY see Military discipline

DISCOMYCETES see subdivision under Ukraine

DISCUSSION
How to start an animated discussion. V. Beliakov. Agitator. no.8:29-32 Ap '60.

DISEASES—REPORTING
Level of general mortality in individual diseases L.A Averbukh. Vrach delo no.4 405-409 Ap '60
Use of registration data on disease incidence. E.S Mul'chevskaia. Zdrav. Belor 3 no 10·56-57 O '57.

DISEASES, MENTAL see Mental illness

DISKS, ROTATING
Laminar boundary layer on an infinite disk rotating in a gas. V.P. Shidlovskii. Prikl. mat. i mekh. 24 no.1· 161-164 Ja-F '60.

DISLOCATIONS IN METALS
Effect of plastic deformation on internal friction and shear modulus in silver chloride. IU. Kh. Vekilov. Izv. vys. ucheb. zav., chern. met. no.5:76-80 '60.
Evaluating factors determining changes in diffusion mobility during deformation. B.S. Bokshtein, T.I. Gudkova. Izv. vys. ucheb. zav., chern. met. no.5: 108-114 '60.
Observations of the dislocation structure of commercial-grade iron grain and block boundaries. IU.A. Skakov. Izv. vys. ucheb. zav.; chern. met. no.5:85-90 '60.
Process of metal failure as a result of the interaction of dislocations. I.A. Oding. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.3·3-16 My-Je '60.

DISORDERLY CONDUCT

Is it useful? Is it possible? It certainly is. A. Chukalin. Sov. iust. no.2 47-49 F '60.

DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic

DISTILLATION

Automatically controlled feeding of glycerin into the distillation apparatus. N. F. Kolkov Masl.-zhir. prom. 26 no.3:36-37 Mr '60.

Kinetics of distillation in a supercooled system. K S Shifrin, A. IA. Perel'man Dokl AN SSSR 132 no 5 1146-1151 Je '60

DISTILLATION, FRACTIONAL

Best systems for the automatization of continuous rectification columns. I.I. Zaslavskii. Khim. prom. no.8: 699-704 D '59.

Reply to V. A. Shalygin's remarks. B. N. Mikhailovskii. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:210 '60.

Simplified analytical method of calculating the number of theoretical separation stages for the rectification of binary mixtures. V. A. Shalygin. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no.1:208-210 '60.

Using azeotropic rectification for separating isomers having their boiling points close to each other (system m-xylene - n-xylene) IU N Garber, S I. Zelenevskaia, G G. Rabukhina. Zhur. prikl. khim 33 no 3 694-700 Mr '60.

DISTILLATION APPARATUS

Some methods used for increasing the effectiveness of centrifugal molecular stills. V. A. Maliusov, N. A. Malofeev, N. M. Zhavoronkov. Khim. prom. no.8 695-699 D '59.

Which column refluxing system is the most suitable? R. V. Alekseeva, A. S. Eigenson. Khim i tekh topl. i masel 5 no.4:53-57 Ap '60.

DISTILLED WATER see Water, Distilled

DISTILLERIES see subdivision under Kuban; Lvov Economic region

DISTILLERIES—EQUIPMENT AND SUPPLIES see subdivision under Efremov, Lipetsk

DISTILLING INDUSTRIES

(see also subdivision under Lithuania; Lvov Economic region; United States)

Immediate objectives of the distilling industries in the second year of the seven-year plan. Spirt. prom. 26 no.2:1-5 '60.

Journal "Spirtovaia promyshlennost'" in 1960. Spirt. prom. 26 no.1:1-4 '60.

Problem of the technical and economic effectiveness of the complete utilization of sugar-beet molasses in the distilling industry. I. K. Sivolap. Spirt. prom. 26 no.2' 30-34 '60.

Results of the discussion of management problems at the alcohol, and liqueur and vodka plants. Spirt. prom. 26 no.1 36-37 '60.

DISTILLING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Distilling industries

DISTILLING INDUSTRIES—BY-PRODUCTS

Production of feeds enriched with vitamin B12 from distilling wash (survey). Spirt. prom. 26 no.1:34-35 '60.

DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Amur Province)

Consultation. Spirt. prom. 26 no.1:45 '60.

DISTILLING INDUSTRIES—PERIODICALS

From the conference of the readers of "Spirtovaia promyshlennost'." Spirt. prom. 26 no.1:30 '60.

DISTRIBUTION (PROBABILITY THEORY)

Some properties of a distribution corresponding to the equation [illegible] V. IU. Krylov. Dokl. AN SSSR 132 no.6:1254-1257 Je '60.

DISTRIBUTIVE EDUCATION

Let's make the course program more pertinent. A. Goncharenko and others. Sov. potreb. koop. 4 no.2,31-33 '60.

Nearer to practice. F. Kochanov. Sov. potreb. koop. 4 no.2:29-30 '60.

Study the course more thoroughly. M. Kobrianskii. Sov. potreb. koop. 4 no.2:30-31 '60.

DITHIZONE

Dithizone method of determining low concentrations of cyanides. A. D. Miller, M. I. Aranovich. Zav. lab. 26 no.4:426-429 '60.

DIVINE HEALING see Faith cure

DIVING, SUBMARINE

(see also subdivision under Caspian Sea; White Sea)

Divers are gathering a harvest. Ol'ga Khludova. Vokrug sveta no.4:45-49 Ap '60.

Divers are working under the ice. A. Igol'nikov. Ogonek 38 no.9:5 F '60.

DIVISION OF LABOR

Place of the communal division of labor, its specialization and cooperation in the means of production. E. IA. Efremova. Vest. Mosk. un. Ser. 8 Ekon. filos. 15 no.3 14-25 My-Je '60

DMITREVSKII, GEORGII ALEKSANDROVICH, 1900-1953

Dmitrievskaia, K. N. [Georgii Aleksandrovich Dmitrevskii; a sketch of his life and works] Georgii Aleksandrovich Dmitrievskii, ocherk zhizni i tvorcheskoi deiatel'nosti. Leningrad, Sovetskii kompozitor, 1959. 55 p. (CLU)

DMITRIEV, MAKSIM PETROVICH, 1858-1948

Morozov, S. A. [Photographer and artist, Maksim Dmitriev, 1858-1948] Fotograf-khudozhnik Maksim Dmitriev, 1858-1948. Moskva, Gos. izd-vo "Iskusstvo," 1960. 45 p., illus.

DMITROV (MOSCOW PROVINCE)—APPLE

A fairy tale garden exists! S. Novikov. Smena 37 no.4' 7-8 F '60.

DNEPRODZERZHINSK—INDUSTRIAL RELATIONS

The duty of the older generation P Runov. Agitator no 13 63 Jl '60

DNEPROPETROVSK—AMATEUR THEATRICALS

Two hundredth role E Snelhin Sots kul't 11 no 3.29 Mr '58

DNEPROPETROVSK—COKE

Increasing the size of metallurgical coke by a new method of selecting coal charges. V. I. Dal' and others. Koks i khim. no.1:22-27 '60.

DNEPROPETROVSK—EMBROIDERY, UKRAINIAN

Skillful embroideress. N. O. Hlukhen'ka. Nar. tvorch. ta etn 3 no.4:105-107 O-D '59.

DNEPROPETROVSK—METAL INDUSTRIES

People's monopoly. Vl. Iliesh. Sov. Soiuz no.2:33-37 '60.

DNEPROPETROVSK—MINING RESEARCH

Over-all mechanization of mining. M. Poliakov. Nauka i zhyttia 10 no.1:19 Ja '60.

DNEPROPETROVSK—RAILROADS—REPAIR SHOPS

Improving production in a railroad car repairshop. C. I. Khudokormov. Zhel dor. transp 42 no.3:64-68 Mr '60.

DNEPROPETROVSK—SMELTING

New accounting and wage system for smelters. IU. Dubina, I. Medvedev, N. Tereiko. Biul. nauch. inform.: trud i zar. plata 3 no.2'31-33 '60.

DNEPROPETROVSK PROVINCE—APARTMENT HOUSES

Large residential blocks in cities of Dnepropetrovsk Province. A. Krykin. Stroi. i arkhit 8 no 3'10-12 Mr '60.

DNEPROPETROVSK PROVINCE—BUILDING MATERIALS INDUSTRY

Let's organize a strong supply base for interfarm construction. M. Omel'chenko. Sil'. bud. 10 no.3'16-17 Mr '60.

DNEPROPETROVSK PROVINCE—WEEDS

Seed viability of late spring weeds in steppe soils of the Ukrainian S S. R V. S Podoprigora Bot. zhur. 45 no.2 272-276 F '60

DNIEPER BASIN—LIGNITE

Profitableness of briquetting Dnieper Basin lignite. V N Krokhin Obog i brik ugl no.12 30-35 '59.

DNIEPER-KRIVOY ROG CANAL

Using production-line methods in earthwork during the construction of the Dnieper-Krivoy Rog Canal. G. Bocharnikov, A. Zhukov, L. Osipchuk. Stroi. i arkhit. 8 no.6:24-26 Je '60.

DNIEPER RIVER—ICE

Ice pressure on the flat sluice gates of the Dnieper Dam. M. M. Korolev. Izv. VNIIG 60'172-177 '58.

DNIEPER VALLEY—GEOLOGY, STRUCTURAL

Tectonic isolation of the Pripet Poles'ye from the Dnieper-Donets Lowland. E. M. Liutkevich. Dokl. AN BSSR 4 no.2,70-73 F '60.

DNIEPER VALLEY—MINERALOGY

Mineralogy of Quaternary sediments and the weathering crust of crystalline rocks in the western Dnieper Valley and the Bug Valley [with summary in English]. M. G Diadchenko. Dop. AN URSR no.1:82-86 '60.

DNIEPER VALLEY—SINGING SANDS

"Singing" sands. G. G. Velikii. Priroda no.6'82 Je '60.

DNIEPER VALLEY—SLAVS

Anthropological characteristics of Slavic tribes of the Dnieper and Oka Valleys in the Middle Ages. T. I. Alekseeva Vop. antr. no.1:97-101 '60.

DNIESTER RIVER—CARP

Materials on the biology of Vimba vimba vimba natio carinata (Pallas) in the Dniester River. M. S. Burnashev, V. S. Chepurnov. Uch. zap. Kish. un. 32:163-170 '58.

Sexual cycle of Vimba vimba vimba natio carinata (Pallas) in the Dniester River. L. V. Chepurnova. Uch. zap. Kish un. 32,175-183 '58.

DNIESTER RIVER—SHAD

Materials on the morphology and biology of the Danube shad (Alosa kaspia nordmanni Antipa) under conditions prevailing in the Dniester River. M. S Burnashev. Uch. zap. Kish. un. 32:153-162 '58.

Materials on the morphology and biology of the stocks of Alosa kessleri pontica (Eichw.) in the Dniester River. M. S. Burnashev. Uch. zap Kish. un. 32:145-151 '58.

DNIESTER VALLEY—PHYSICAL GEOGRAPHY

On the vegetation and land form of the lower Dniester floodplain and changes that have occurred in them. L. V. Klimentov. Izv. Vses. geog. ob-va 92 no.3:235-250 My-Je '60.

DNIESTER VALLEY—STONE AGE

Remains of a Mousterian dwelling in the Dniester Valley. A. P. Chernysh. Sov etn no.1 149-162 Ja-F '60

DOBRIANKA DISTRICT—BUDGET

A surplus balance of budget funds should not be reallocated A. Kutergin. Fin. SSSR 21 no.6:67-68 Je '60.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861

The book for them was the textbook of life. N. Balakhanov Chto chitat' 3 no.3 33 Mr '60.

Prerevolutionary struggle of V. I. Lenin and Bolshevik newspapers for the literary heritage of Dobroliubov. M. H. Zel'dovych. Rad. lit.' no.2:23-35 Mr-Ap '60.

DOCTORS see Physicians

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DOGGER BANK REGION—HERRING FISHERIES

Specific features of the distribution of herring in the Dogger Bank area in the fall of 1957. A. E Antonov, V. I. Skorniakov. Trudy BaltNIRO no.4:54-62 '58.

DOKSHUKINO—SHIPMENT OF GOODS

Utilization of large boxes for the shipment of goods. B. F. Ivanov. Kons. i ov. prom. 15 no.7:30 Jl '60.

DOKSHUKINO—SOLVENTS

Use of raw vegetable wastes in the production of solvents. B. M. Nakhmanovich, N. A. Shcheblykina. Spirt. prom. 26 no.1'31-33 '60.

DOLPHINS, FOSSIL see subdivision under Zestafoni region

DOMES see subdivision under Kiev

DOMESTIC RELATIONS see subdivision under Ukraine

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

The Dominican Republic Claudio Juarez. V zashch mira no 4 25-35 Ap '60.

DOMRACHEV, IVAN VLADIMIROVICH, 1889-

Professor I. V. Domrachev. V. I. Mikhailov. Kaz. med. zhur. 41 no.1:3-5 Ja-F '60.

DON VALLEY—AFFORESTATION

Methods for the stabilization and afforestation of hilly Don Valley sands [with summaries in English, German. and French]. K. A. Lashkevich. Vest. sel'khoz. nauki 5 no.2 86-88 F '60.

DON VALLEY—HYDROLOGY

Basic long-range forecast of the summer low-water regime in rivers of the forest-steppe zone; based on the study of rivers in the Volga and Don basins). A. M. Norvatov, L. K. Remizova, N. P. Koroleva. Trudy GGI no.75.63-93 '60.

DON VALLEY—IRRIGATION FARMING

Improve the efficiency of irrigation farming in the lower Don Valley. Z. A. Chaika. Gidr. i mel. 12 no.2:8-9 F '60.

DON VALLEY—POPULATION

Character and traits of the 18th century inhabitants of the Don. A. P. Pronshtein. Nauch. dokl. vys. shkoly; ist. nauki no.1:86-103 '60.

DON VALLEY—SOIL BINDING

Methods for the stabilization and afforestation of hilly Don Valley sands [with summaries in English, German, and French]. K. A. Lashkevich. Vest sel'khoz. nauki 5 no.2:86-88 F '60.

DONETS BASIN—APARTMENT HOUSES

Practical designs of large-panel apartment houses to be built on ground located over mines. V. N. Katkovs'kyi. Visnyk ABIA URSR no.1:54-56 '60.

DONETS BASIN—COAL

Technological properties of lower carboniferous coals in the Western Donets Basin. A. M. Miroshnichenko and others. Koks i khim. no. 3:3-8 '60.

DONETS BASIN—COAL—TRANSPORTATION

Cooperative utilization of equipment. V. V. Shevchenko. Zhel.-dor. transp. 42 no. 4:35-38 Ap '60.

DONETS BASIN—COAL MINERS

Hand in hand. I. Lysenko. Mast. ugl 9 no 3 14 Mr '60.

In the land of the Donets Basin. Vladimir IUgov Sov pech no 3 28-30 Mr '60

Initiative and independence. V. Titarev. Mast. ugl 9 no 3 17 Mr '60.

DONETS BASIN—COAL MINES AND MINING

Comparing the effectiveness of using longwall and pillar systems in mining flat coal seams with heaving side rocks in the Donets Basin. P. IA. Serednlakov. Ugol' 35 no. 3:24-29 Mr '60.

Deserved confidence. B. Borovik. Mast. ugl. 9 no. 2:17 F '60

Five meters of drift daily. I. P. IAkovlenko. Ugol' Ukr. 4 no. 3:33 Mr '60.

Focusing of attention on production. A. Khripunova. Mast. ugl 9 no. 2:19-20 F '60.

Mechanized timber drawing in roof control in Donets Basin mines. P. S. Podkolzin. Bezop. truda v prom. 4 no. 3:5-7 '60.

Mining systems used for mining coal seams in the Donets Basin. P. S. Podkolzin. Ugol' Ukr. 4 no. 3:7-9 Mr '60.

One brigade working two faces. G. I. Dubinskii. Ugol' Ukr. 4 no. 3:34 Mr '60.

Organization of high-speed mining in "Cherkasskaya-Severnaya" mine no. 2 of the Leninugol' Trust. A. P. Cherniavskii. Ugol' Ukr. 4 no. 3:32-33 Mr '60.

Problem of mining flat Donets Basin coal seams dangerous as to sudden coal and gas outbursts. F. D. Sheviakov. Ugol' 35 no. 3:32-36 Mr '60.

Shalimov, K. V., and V. G. Shabalov. [How we organized the transfer of mines to a new wage system] Kak my organizovali perevod shakht na novuiu sistemu oplaty truda. Moskva, Ugletekhizdat, 1958. 27 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

Technical progress is a prerequisite of success in coal mining. I. P. Krasozov. Ugol' Ukr. 4 no. 3:1-6 Mr '60.

With new energy. V. Tkachenko. Mast. ugl. 9 no. 2:15 F '60.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Completed 565 meters of drift in one month. M. Z. Dul'kin. Ugol' Ukr. 4 no 2:32-33 F '60.

How labor productivity was increased in the "Novo-Druzheskaya" mine. A. I. Serdiuk, G. I. Khodos. Ugol' Ukr. 4 no. 3:34-37 Mr '60.

How we organized mining at high speed rates. D. D. Pavlenko. Ugol' Ukr. 4 no. 2:34 F '60.

Mechanization as a factor in the increase of labor productivity in coal mines of the Donets Basin. S. Zykov. Nauch. dokl. vys. shkoly; ekon. nauki no. 1:140-148 '60.

Uncovered potentialities. A. Sergeev. Mast. ugl. 9 no. 2:25 F '60.

DONETS BASIN—COAL MINES AND MINING—SAFETY MEASURES

Improving work safety and increasing the production capacity of compressor plants in the Donets Basin mines. G. P. Gerasimenko. Ugol' Ukr. 4 no. 2:17-19 F '60.

DONETS BASIN—COAL MINES AND MINING—STUDY AND TEACHING

University of technical progress at the "Velka-Glubokaya" mine. Ugol' Ukr. 4 no. 2:47 F '60.

DONETS BASIN—COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Innovators of the "Nezhdannaya" mine. Mast. ugl. 9 no. 2:8b F '60.

DONETS BASIN—CONCRETIONS

Zaritskii, P. V. [Concretions in coal-bearing deposits of the Donets Basin] Konkretsii uglenosnykh otlozhenii Donetskogo basseina. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1959. 239 p.

DONETS BASIN—CORALS, FOSSIL

New tetracorals from the lower Carboniferous of the Donets Basin. N. P. Vasiliuk. Paleont. zhur. no. 4: 85-89 '59.

DONETS BASIN—ECONOMIC CONDITIONS

Yesterday and today. P. Ivanov. Vsem. prof. dvizh. [no. 6]:42-44 Je '60.

DONETS BASIN—ELECTRIC POWER

Saving electric power in the enterprises of the Donets Basin. L. I. Ivanova. Prom. energ. 15 no. 4:3-6 Ap '60.

DONETS BASIN—GEOLOGY, STRATIGRAPHIC

Recent data on lower Maastricht sediments of the eastern limits of the Donets Basin [with summary in English]. O. S. Lypnyk, T. O. Tkachenko. Dop AN URSR no 1,77-81 '60.

DONETS BASIN—GEOLOGY, STRUCTURAL

Tectonic isolation of the Pripet Poles'ye from the Dnieper-Donets Lowland. E. M. Liutkevich. Dokl. AN BSSR 4 no. 2 70-73 F '60.

DONETS BASIN—LABOR AND LABORING CLASSES—DWELLINGS

Valuable source for studying the prerevolutionary life of workers. M P. Prykhod'ko. Nar. tvorch. ta etn. 3 no. 4:90-96 O-D '59.

DONETS BASIN—LIGNITE

New techniques in baring operations for Donets Basin lignite deposits. M G. Novozhilov, A. M Sharkov, B. N. Tartakovskii Ugol' Ukr 4 no. 2 22-25 F '60

DONETS BASIN—MINE TIMBERING

ShchK shield timbering in steeply dipping coal seams. V. F. Skafa, D. E. Makhno. Ugol' Ukr. 4 no. 3:38-40 Mr '60.

DONETS BASIN—MINING ENGINEERING

Improved double drift mining system. F. M. TSyba. Ugol' 35 no. 3:30-31 Mr '60.

Increasing the speed of mining operations. Ugol' Ukr. 4 no. 2:48 F '60.

DONETS BASIN—RESTAURANTS, LUNCHROOMS, ETC.

Miners' canteen. Mast. ugl. 9 no. 2:24a F '60.

DOORS

Consultation. Stroitel' no. 3:27 Mr '60.

Door leaves made of pressed sawdust V. N Petri, I P Permikin. Stroi mat 6 no. 2 19 F '60

Press for making door panels. Rats. i izobr. predl. v stroi. no. 13:110-111 '59.

DORMICE see subdivision under Byalovezhska Pushcha

DORMITORIES see subdivision under Soligorsk

DOUBLE STARS see Stars, Double

DOUGH

Qualities of gluten and physical properties of dough made of certain wheat varieties of Kazakhstan. G. A. Kaptiushina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:106-109 '59.

DOUHIRD, ANGEL, 1776-1835

Angel Douhird. E. Darashevich. Belarus' 17 no. 2:27 F '60.

DOVBUSH, OLEKSA, d. 1745

Grabovetskii, V. V. [Oleksa Dovbush, a legendary hero of the Ukrainian people] Oleksa Dovbush; legendarnyi geroi ukrainskogo naroda. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1959 80 p.

DOWGIRD, ANIO, 1776-1836

Philosophical legacy of Anio Dowgird. E. K Doroshevich Vestsi AN BSSR Ser hram nav no 1 147-149 '60.

DRAGONFLIES

Metamorphosis of the nymph into a dragonfly. IU. P. Nekrutenko. Priroda no. 6:108-109 Je '60.

DRAINAGE

(see also subdivision under Drichin region; Golodnaya Steppe; Murmansk Province; Trubezh Valley; Volma Valley, White Russia)

Binding the side slopes of drainage canals by sodding them with grass mixtures. G. A Gatal'skii. Trudy Belar. nav.-dasl. inst mel i vod hasp. 8 297-300 '58.

Changes in the permeability of peat soils to water resulting from drainage L. V. Getov. Trudy Belar. nav.-dasl. inst mel. i vod hasp. 8 313-327 '58.

Chemical control of vegetation in drainage canals. N. K Bessrebrennikov Trudy Belar nav.-dasl inst. mel. i vod hasp. 8 126-141 '58

Designing drainage wells and calculating the correspondence between their rated and actual discharges. E. F. Drondin. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12: 130-137 '59.

Effect of compaction on water stability of soils. V. I. Evdokimova, M. V. Levenets. Trudy SevNIIGIM no. 14: 107-125 '58.

Effect of the surface slope of drained lands on the spacing of drains. Kh. A. Pisar'kov. Trudy SevNIIGIM no. 14: 7-19 '58.

Equation of drainage with the account of changes in the coefficient of water yield during the drainage of the aquifer. O. N. Nosova. Izv. VNIIG 62.179-187 '59.

For technical progress in the water economy of our country. Gidr. i mel. 12 no. 2:3-5 F '60

Hydraulic calculation of drainage canals considering the flow of the discharged stream over the flood plain A V. Lavrov. Trudy Belar nav -dasl inst. mel i vod. hasp 8 86-101 '58

Increasing the effect of clay tile drains by some drainage furthering agricultural practices I M Kos'min Trudy SevNIIGIM no 15 39-57 '58

The KDG-55 and KDG-80 mole-drain machines. K. M. Lapidovskii Biul. tekh -ekon. inform no. 3:53-54 '60.

Regulating the water regime of soils by a network of wide-spaced ditches combined with some drainage furthering agricultural practices A I Klimko Trudy SevNIIGIM no 15 7-23 '58

Stability of mole drains in drained swamps I M Rubenchik Trudy Belar nav -dasl inst mel i vod hasp 8 155-166 '58

System of agricultural land reclamation measures suitable for different farm crops. E. A. Kastorskaia. Trudy SevNIIGIM no. 14 127-140 '58.

Water flow to horizontal drainage pipes in a two-bedded medium. Liu Tz'u-ch'iun. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no 3 157-158 My-Je '60.

DRAINAGE—ECONOMIC ASPECTS

Basic economic effectiveness indices of land reclamation measures for agricultural purposes on farms with livestock raising as their main branch of economy. E. G. Vavilin. Trudy SevNIIGIM no. 14:91-106 '58.

Studies on the economic effectiveness of drainage in heavy soils. V. K. Panov. Trudy SevNIIGIM no. 14: 53-89 '58.

DRAINAGE—EQUIPMENT AND SUPPLIES

Determining the coefficient of suction and capacity of well-points by the mixing method. I. A. Khlebnikov, V. A. Mislumskii. Trudy LIIZHT no. 165:179-183 '59.

DRAINAGE RESEARCH

Field and laboratory investigations of bituminous and sand drainage. G. K. Sukhov, E. D. Ponomarev. Torf. prom. 37 no. 2 10-13 '60.

Work of the experimental network of the Northern Scientific Research Institute of Hydraulic Engineering and Reclamation. V. I. Beliakova. Trudy SevNIIGIM no. 14: 153-158 '58.

DRAKE PASSAGE—OCEAN CURRENTS

Study of water and heat balance in the Drake Passage. L. I. Eskin. Inform. biul Sov. antark eksp. no. 12 29-32 '59.

DRAMA—HISTORY AND CRITICISM

Genre peculiarities of a dramatic work. G. Sh. Pitsishvili. Soob. AN Gruz. SSR 23 no. 6:761-766 D '59.

Plays of friends ("Contemporary dramaturgy" almanac, Book 13. Reviewed by R. Belousov) Teatr 21 no 3 142-143 Mr '60

"Ridiculous and to a certain extent tragic" ("Problems of dramatic works in verse" by K. Storchak Reviewed by V. O. Sakhnovs'kyi-Pankieiev). Rad. lit. no. 2:129-132 Mr-Ap '60.

Unique meetings. M. I. Zharov. Smena 37 no. 2:12-13 Ja '60.

DRAMA FESTIVALS see subdivision under Poland, Shanghai, Stratford-Upon-Avon, England; Torun

DRAWING—INSTRUCTION

Some remarks apropos of the proposed program for drawing instruction in eight-year schools T. A. Handzii. Rad. shk. 39 no. 3,85-87 Mr '60

DRAWING (METALWORK)

Pressing thin-walled steel pipes and shaped sections at temperatures near the solidus. V. P. Severdenko, V. S. Muras. Mash. Bel. no. 6;49-51 '59.

DRAWINGS see subdivision under Leningrad

DREDGING MACHINERY

Bucket pump dredges for extracting sand and gravel. L. P. Kuklin. Stroi. mat. 6 no. 4:27-29 Ap '60.

Improving designs of suction equipment of floating dredges. D. V. Roshchupkin. Transp. stroi. 10 no. 1. 34-37 Ja '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 2. [Earthwork] Zemlianye raboty.
No. 2. [Using hydraulic machinery in earthwork] Gidromekhanizirovannye zemlianye raboty. 1960. 135 p.

DRICHIN REGION—DRAINAGE

Draining effect of deep ditches and a systematic network of small field ditches. K IA. Kozhanov Trudy Belar. nav.-dasl inst mel i vod hasp. 8 20-34 '58

DRILL (AGRICULTURAL IMPLEMENT)

Mounted grain drills. R. I. Grossman, M. P. Odegnal'. Biul. tekh.-ekon. inform. no. 3:49-51 '60.

DRILLING AND BORING

Machining zinc alloys with reamers. A. V. Kazak. Priborostroenie no. 4:19-22 Ap '60.

DRILLING AND BORING MACHINERY

Device for [illegible] gears and pattern using [illegible]. Biul.tekh.-ekon.inform. no.3 [illegible] '60.

Drills with [illegible] cutters. I.I.Sherman. [illegible] prom. [illegible] '60.

The 50A712 four-spindle diamond boring machine. V.I. Shekhter. Biul.tekh.-ekon.inform. no.3:23-25 '60.

Lathe for machining holes in coupling flanges of turbogenerators. O.B.[illegible] Energetik 8 no.[illegible] '60.

The [illegible] machine tool for fine boring of [illegible] housings. V.I.Shekhter. Biul.tekh.-ekon.inform. no.2 [illegible] '60.

The [illegible] double-sided four-spindle boring machine. B.G.Zhavoronkov. Biul.tekh.-ekon.inform. no.3:25-26 '60.

Tubular drill for drilling glass and ceramics. A.I. [illegible] [illegible] 17 no.5:40-41 [illegible] '60.

[illegible] hydraulic drill. [illegible] [illegible] 14 no.[illegible] Mr '60.

The ZA437 three-sided horizontal drilling machine. S.A. [illegible]. Biul.tekh.-ekon.inform. no.3:20-23 '60.

DRILLING AND BORING MACHINERY—ATTACHMENTS

Head for the [illegible] cut-out of large diameters and thicknesses. I.[illegible]. Mash.[illegible] no.6:20-[illegible] '60.

Mandrel for [illegible] in studs. V.[illegible]. Mashinostroitel' no.[illegible] Mr '60.

Regulated boring holder. [illegible], [illegible]. Mashinostroitel' no.[illegible] '60.

DRINKING WATER—CONGRESSES

Conference of experts on quality standards of drinking water. [illegible] no.[illegible] Ap '60.

DROUGHTS see subdivision under Kazakhstan, Russia, Southern

DROZDOV, OLEG ALEKSEEVICH, 1909–

Oleg Alekseevich Drozdov, on his 50th birthday. A.[illegible] [illegible]. Izv.Vses.geog.ob-va 92 no.[illegible] My-Je '60.

DRUG INDUSTRY

Approaching the All-Union Meeting of Drug Industry Workers. A.G.[illegible]. Med.prom. 14 no.[illegible] Je '60.

DRUG INDUSTRY—COSTS

Cost and prices of vitamin preparations made from vegetable extracts. G.S.Veinbaum[illegible]. Nauch.trudy MGU [illegible] no.17:281-[illegible] '60.

DRUGS

For the information of physicians. [illegible] no.4 [illegible] Ap '60.

[illegible] from the leaves of [illegible]. [illegible]

See [illegible], A. [illegible]. Med.prom. 14 no.[illegible] Ap '60.

DRUGS—ADULTERATION AND ANALYSIS

[illegible] detection of [illegible] reagent [illegible]. M.M.[illegible]. Apt.delo [illegible] Ja [illegible] '60.

Qualitative determination of drugs by [illegible] deposits. Report No.2 [illegible]. S.A. [illegible], S.G.[illegible]. Apt.delo 9 no.[illegible] '60.

DRUGS—PHYSIOLOGICAL EFFECT

Factors conditioning the effectiveness and diffusion of [illegible] substances in the [illegible]. Vest.AMN [illegible] 14 no.6:37-41 '59.

DRUGS—PRESERVATION

Influence of ultrasound on liquid aqueous extracts. I.[illegible] Kazarnovskii, I.A.Shul'movskii. Med.prom. 14 no.3:38-41 Mr '60.

DRUGS—PRICES AND SALE

Dynamics and price level on drugs in the U.S.S.R. A.P. Kogan. Nauch.trudy MGU [illegible] no.17:245-260 '59.

Level and dynamics of drug prices. Report No.1. A.P. Kogan. Apt.delo 9 no.1:[illegible] Ja-F '60.

DRUGS—STANDARDS

Conference on the standardization of drugs. M.D.Mashkovskii, V.S.Ietina, G.A.Kasavina. Med.prom. 14 no.3:61-62 Mr '60.

DRUGS—STERILIZATION

Development of antiseptic [illegible] in the preparation of medicinal forms in apothecary [illegible] at the end of the nineteenth and the beginning of the twentieth centuries. V.S.[illegible]. Apt.delo 9 no.1:71-76 Ja-F '60.

DRUGSTORES

Eliminate factors hindering the further development of the pharmaceutical service. Apt.delo 9 no.1:[illegible] Ja-F '60.

DRUSKININKAI—EXERCISE THERAPY

In the park of health. M.S.Volsevich. Zdorov'e 6 no.5:[illegible] My '60.

DRUZHKOVKA—ART GALLERIES AND MUSEUMS

Brief news. Mystetstvo 7 no.1:44 Ja-F '60.

DRYING

Calculating the drying time of wet materials heated by high frequency currents. L.P.Zhuravlev. Izv.vys.ucheb.zav.; energ. 3 no.4:100-104 Ap '60.

Thermal radiation of thin coatings. Pakhomov, L.A., [illegible]. [illegible] no.1:61-71 '60.

DRYING APPARATUS

Continuous, semiautomatic bottle drying apparatus. [illegible] Akhmedov. Med.[illegible] prom. [illegible] no.6:12-14 Je '60.

Electric painting and heat radiation drying. [illegible] Mashinostroitel' no.[illegible] Ap '60.

Heat exchange in drying cylinders with [illegible]. I.K.Chernyshevskii. Izv.vys.ucheb.zav.; [illegible] no.6:100-106 Je '60.

Rabinovich, A.A., [illegible], and A.A.Kostinin [Automatic control of the process of drying on conveyer dryers] Avtomaticheskii kontrol' [illegible] konveiernykh sushilok. Moskva, Gos. nauchno-tekhn. in-t nauchno-tekhn. informatsii, 1959. [illegible] p. (Obmen peredovym tekhnicheskim opytom)

DRYING APPARATUS—TESTING

Results of testing of a [illegible] of [illegible] particles. [illegible]. AN [illegible] no.[illegible] '60.

DRYING OILS

Artificial drying oil, [illegible], and [illegible]. [illegible] Orlandik. [illegible] VNIIO no.[illegible] '59.

Effect of drying oil on [illegible] [illegible] [illegible] [illegible] [illegible]. [illegible] Ap '60.

DU BELLAY, JOACHIM, ca. 1522–1560

[illegible]

DUBAGO, ALEKSANDR DMITRIEVICH, 1903–1959

Aleksandr Dmitrievich [illegible]

DUBININ, VSEVOLOD BORISOVICH, 1913–1958

[illegible]

DUBOSSARY RESERVOIR—FISH

[illegible]

DUCKS

[illegible] [illegible], AN [illegible]

DUCTUS ARTERIOSUS

Apparatus for [illegible] [illegible]

Patent ductus arteriosus [illegible] [illegible]. Vrach.delo no.[illegible]

DUELS—FRENCH—TRIAL (POLITICAL CRIMES AND OFFENSES)

Who is on trial in the city of Dusseldorf. [illegible]. [illegible] no.2:[illegible] '60.

DULLES, ALLEN WELSH, 1893–

[illegible]

DUMANSKII, ANTON VLADIMIROVICH, 1880–

Anton Vladimirovich [illegible]

DUMP TRUCKS

Dump trailer for DT-14 tractors. N.K.[illegible], I.S. Tiurpek. Mekh.sil'.hosp. 11 no.4:[illegible] '60.

Dump truck trains. [illegible]. Biul.tekh.-ekon.inform. no.4:[illegible] '60.

[illegible] for dump trucks. [illegible] no.[illegible] '60.

The ZIL-MMZ [illegible]. [illegible] Morozov. Biul.tekh.-ekon.inform. [illegible]

DUMPING APPLIANCES

Mechanical unloading of [illegible]. [illegible] prom. [illegible] '60.

DUNGANS

Sushanlo, Mukhamed. [The Dungan uprising of the second half of the 19th century and Pai Yen hu's role in it] Dunganskoe vosstanie vtoroi poloviny XIX veka i rol' v nem Bai IAn' khu. Frunze, Kirgizskoe gos. izd-vo, 1959. 117 p.

Sushanlo, Mukhamed. [illegible] [illegible] (Kratkii istoricheskii ocherk). [illegible] p.

DUODENUM—CANCER

[illegible]

DUODENUM—RADIOGRAPHY

[illegible]

DUODENUM—WOUNDS AND INJURIES

[illegible]

DUPLICATORS

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

DZHAMBUL

[illegible] 24 [illegible] Ja-F '60.

[illegible] 24 [illegible]

[illegible] 24 [illegible] Ja-F '60.

[illegible]

[illegible] 24 [illegible] Ja-F '60.

[illegible] 24 [illegible] Ja-F '60.

[illegible] 24 [illegible] Ja-F '60.

[illegible]

[illegible] Posokhin, M. M. [Mineralogical characteristics of the [illegible] deposit] [illegible] Moskva, [illegible] 1960. [illegible]

[illegible]

EARTHQUAKES MEASUREMENT see Seismometry

EARTHQUAKES AND BUILDING

Distribution of seismic loads on walls of frameless buildings. IA. M. [illegible] [illegible] no. [illegible] '60.

Investigating the vibration of buildings caused by seismic [illegible] S. V. [illegible] Trudy Inst. [illegible] no. [illegible]

New pamphlet ("[illegible] on buildings and structures") by [illegible] Reviewed by A. G. Nazarov. [illegible] AN Arm. [illegible] no. [illegible] '60.

Using statistical methods for evaluating seismic safety of structures subjected to earthquakes. V. V. Bolotin. Inzh. sbor. 27:58-64 '60

EARTHWORK

Moscow. [illegible] [Standard technological charts for earthwork] Tipovye tekhnologicheskie karty na proizvodstvo zemlianykh rabot. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 191 p.

Using production line methods in earthwork during the construction of the Dnieper [illegible] Canal. [illegible] Stroi. [illegible] no. [illegible] '60

EAST GREENLAND CURRENT

Waters of the East Greenland Current. [illegible] Probl. Arkt. no. 6:[illegible] '59

EAST KAZAKHSTAN PROVINCE—HYDROELECTRIC POWER STATIONS

[illegible] of the Upper [illegible] Hydroelectric Power Station on the [illegible] P. A. [illegible] no. [illegible] '60.

EAST KAZAKHSTAN PROVINCE—RICKETTSIA

[illegible] in East Kazakhstan Province [with summary in English] [illegible] A. V. [illegible] no. [illegible] '60

EAST (SOVIET FAR EAST) see Soviet Far East

EASTER

Origin of the celebration of Easter. [illegible] Antonenko. [illegible] '60

EASTER ISLAND

[illegible] "Aku-Aku" by Thor Heyerdahl. [illegible] '60

EASTER ISLAND—ETHNOLOGY

[illegible] Easter Island [illegible] '60

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBULLITION

[illegible]

ECHINODERMATA—EMBRYOLOGY see Embryology—Echinodermata

ECHINOPHORA

[illegible] in the [illegible] '60

ECHINOPSIS

[illegible] '60.

ECLIPSES, LUNAR—CLASSIFICATION

[illegible] of lunar eclipses. A. A. Kavrain. Biul. [illegible] '60.

ECLIPSES, LUNAR—1959

Lunar eclipse of March 24-25, 1959. [illegible] Aleksandrov. Astron. tsir. no. 205:[illegible] '59

Observations of the partial lunar eclipse of March 24, 1959. [illegible] Astron. tsir. no. 204:[illegible] '59

Observations of the partial lunar eclipse of March 24, 1959. M. A. Mil'[illegible] Biul. VAGO no. 27:[illegible] '60.

ECLIPSES, SOLAR

The eclipse effect in the ozone layer. Sh. A. Bezverkhnii. Trudy Kazakh. [illegible] '59

EDELSHTEIN see a [illegible] under Novo-Pokrovka District (Orenburg Province)

ECOLOGY

Ecological category of the "life arena " T Z Zakhidov Izv AN Uz SSR Ser biol nauk no 1 51-53 '57

ECONOMIC ASSISTANCE

(see also subdivision under Asia, Southeastern)

Economic aid of socialist countries to the young national states V Shchetinin Vop ekon no, 6 60-70 Je '60

International Development Association. B. Zhebrak. Mir. ekon. i mezhdunar. otn no 6:110-142 Je '60.

Soviet aid and its critics L. Stepanov Mezhdunar. zhizn' 7 no 6:30-40 Je '60

ECONOMIC ASSISTANCE, AMERICAN

(see also subdivision under Korea, South)

American "aid" in present-day conditions [with English summary in appendix] M Zakhmatov Vnesh. torg 30 no 6 21-26 '60

ECONOMIC ASSISTANCE, RUSSIAN

Soviet economic and technical assistance to underdeveloped countries P N Tret'iakov Kul't. i zhizn' 4 no. 3:4-9 '60

ECONOMIC COUNCILS

In the economic councils of the R. S. F. S. R. Biul. tekh.-ekon. inform. no. 3:63-64 '60.

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Braslavs'kyi, I. M [Special features in the postwar development of the capitalist economy] Osoblyvosti pisliavoiennoho rozvytku svitovoi kapitalistychnoi ekonomiky Kyiv, 1960 33 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser 2, no 2)

The difference in automation between us and the capitalist countries. I. Bogun. Otv. na vop. trud. no. 109:16-24 '59.

"Economic competition of two world system", collected articles Reviewed by V S. Golubnichii Vest Inst po izuch SSSR no 4 119-122 O-D '59

Economic life. V zashch. mira no. 2:62-69 F '60.

Economic life. V zashch. mira no. 3:63-71 Mr '60.

Economic life V zashch mira no 4 62-71 Ap '60

Economic life V zashch mira no 6 66-72 Je '60

Moscow. Nauchno-issledovatel'skii kon"iunkturnyi institut. [Economics of capitalist countries, a survey] Ekonomika kapitalisticheskikh stran; obzor. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1953. 1 v.
(CSt-H)

Off to a good start ("International political and economic yearbook for 1959." Reviewed by V Kaie). Mezhdunar zhizn' 7 no 6 149-150 Je '60

Revolutionary festival of progressive forces, material for lectures and discussions on May 1st. K. Zarodov. Agitator no. 7:3-10 Ap '60.

Rokytko, A. I. [In peaceful economic competition socialism is winning] V myrnomy ekonomichnomu zmahanni peremahaie sotsializm. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 2, no. 1)

ECONOMIC RESEARCH

(see also subdivision under Ukraine)

Coordination of economic research V P. Evstigneev Vest AN SSSR 30 no 6 145-146 Je '60

ECONOMIC SELF-SUFFICIENCY see Autarchy

ECONOMIC ZONING

Regional complex problems and economic zoning [with summary in English]. V M Chetyrkin Vest LGU 15 no 12 90-99 '60

V I. Lenin and economic zoning [with summary in English]. B N. Semevskii Vest LGU 15 no 12:82-89 '60.

V. I. Lenin and regional basis of the State Electrification Plan. V. A. Perevalov. Izv. Vses. geog. ob-va 92 no. 3 197-204 My-Je '60.

ECONOMICS

(see also subdivision under Germany, East)

Chelyabinsk. Politekhnicheskii institut. [Problems in economics and the organization of production; a collection of articles] Voprosy ekonomiki i organizatsii proizvodstva, sbornik statei. Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958. 77 p.
(DBC)

Economic thought and economic science. N. Karataev. Vop. ekon no 6:101-111 Je '60

Motive force of the development of socialist production. B. Vladimirov. Nauch. dokl. vys. shkoly, ekon. nauki no. 1:111-121 '60.

On economic law . A. Tarasov, D Zeikin, A Romanov. Vop. ekon. no 6 139-143 Je '60.

On the problem of the basic economic law of socialism. V. Fedorov. Nauch. dokl. vys. shkoly, ekon nauki no. 1. 122-130 '60.

On the problem of the function of several economic laws in the world socialist system. V. P. Solodko. Vest. Mosk. un, Ser. 8 Ekon. filos. 15 no. 3.3-13 My-Je '60.

The theory of socialist production of the means of production must be thoroughly and scientifically worked out ("Problems of socialist production of the means of production." Reviewed by V. N IAgodkin). Vest Mosk. un Ser 8 Ekon filos. 15 no 3 88-92 My-Je '60

Ziber, N. I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. [Studies on primitive economic cultures] Ocherki pervobytnoi ekonomicheskoi kul'tury, stat'i. 1959. 693 p.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—CONGRESSES

A coordinating conference on problems of economics N. Linkun, A Sokolovskii Vop ekon. no. 6 149-153 Je '60.

ECONOMICS—PERIODICALS

The journal "Ekonomicheskie nauki" for 1960. Sots. trud 5 no. 1 150 Ja '60.

"Voprosy ekonomiki," nos 1-12, 1959, "Planovoe khoziaistvo," nos 1,-12, 1959 Reviewed by S E Kirsanov Vest Inst po izuch SSSR no 1 127-134 Ja-Mr '60

ECONOMICS—STUDY AND TEACHING

(see also subdivision under Kurgan Province, Moscow, Sverdlovsk Province, Zaporozh'ye Province)

New programs and teaching aids for economics V. N. Semenkov. Sred. spets. obr. 7 no 1.51-53 Ja '60.

ECONOMICS, MATHEMATICAL

Application of mathematical methods in economic studies and planning V Nemchinov Vop ekon no 6 13-28 Je '60

ECUADOR—DESCRIPTION AND TRAVEL

A volcanic continent. Arthur Lundkvist. Vokrug sveta no. 3.54-59 Mr '60.

ECZEMA

Subcutaneous use of oxygen in chronic eczema. V. A Lukashev. Kaz. med. zhur 41 no. 1:120 Ja-F '60

EDITING

Akademiia nauk SSSR. Institut mirovoi literatury. [Problems in textual criticism] Voprosy tekstologii, sbornik statei. Moskva.
No. 2. 1960. 273 p.

EDUCATION

(see also subdivision under Ethiopia, France; Germany, Great Britain, Iran, Kosino (Moscow Province), Moscow; Spain, Sweden, Turkey, United States)

Addressing the Third Congress of the All-Union Society for the Propagation of Political and Scientific Knowledge. Nauka i zhizn' 27 no. 2:2 F '60.

Brief news. Sred. spets. obr. 7 no. 1:64 Ja '60.

Education in the U S S R Agitator no 11 32-33 Je '60

Educational life of the capital. Nar obr. no. 6:125-126 Je '60.

First results of school work according to the new programs. V. Lebedeva. Sov. pedag. 24 no 3 152-154 Mr '60.

First statute on the Russian national schools. A. A. Burov. Sov. pedag. 24 no. 6:119-129 Je '60.

From the pages of the press. Nach. shkola 28 no 3: 95-96 Mr '60.

From the pages of the press. Sem'ia i shkola 15 no. 3: 45 Mr '60.

In the Ministry of Education of the R S. F. S. R. Nar. obr. no. 6 116-122 Je '60

Knowledge at the service of the people. Nauka i zhizn' 27 no. 2:3-7 F '60.

On the path of the reorganization of schools M. Kashin Nar obr. no. 6 9-17 Je '60

Problem of the close contacts of education with life in the history of Russian educational theory S. A. Lytvynov. Rad. shk. 39 no 3 10-15 Mr '60.

Session dedicated to the memory of Lenin. V. S. Lebedeva. Sov. pedag. 24 no. 6:148-152 Je '60.

Through the eyes of a friend ("Soviet education today and tomorrow" [in English] by Elizabeth Moos. Reviewed by Z. A. Mal'kova) Sov. pedag. 24 no. 6:145-147 Je '60.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES

Toward the forthcoming teachers' congress. Inostr. iaz. v shkole no. 1:3-8 Ja-F '60.

EDUCATION, COMMUNIST see Communist education

EDUCATION, COOPERATIVE

(see also subdivision under Baranovichi, Kaliningrad, Kazakhstan, Kharkov, Lugansk, Odessa Province, Stalino, Ukraine)

Cooperation with a factory. N. Lukin. Prof.-tekh. obr. 17 no. 3:4-6 Mr '60.

Differentiated school education. Sov. pedag. 24 no. 3: 155-157 Mr '60.

[Documents and materials on the reorganization of schools] Dokumenty i materialy po perestroike shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 169 p.

Experience in reorganizing school work. I. B. Piratinskii, T. S. Andrianova. Sov. pedag. 24 no. 3:56-61 Mr '60

From school factory to apprentice shift. IA I. Zlotnik. Shkola i proizv 4 no 3 18-19 Mr '60

From school into life. Sem'ia i shkola 15 no. 3:45 Mr '60

In the Council of Ministers of the R. S F. S. R. Nar. obr no 6 122 Je '60

Joining and relating education to productive work. M. A. Zhidelev Shkola i proizv. 4 no. 3 3-7 Mr '60.

May the creative union of science and labor grow strong! S. IAmpol'skii, A Budnitskii, A Liferenko Klub 9 no 1 11 Ja '60

New forms of cooperation between school and plant. A Shestel'. Shkola i proizv. 4 no. 3 91-92 Mr '60.

On the basis of cooperation with industry. V. V. Mashkov, M. G Chilikin Vest. vys shkoly 18 no. 7:13-21 Jl '60.

Our rostrum, toward the All-Union Teachers' Congress. Inostr. iaz. v shkole no. 1 10-23 Ja-F '60.

Practical application of basic scientific principles. I. V. Kudriavtsev. Rad. shk. 39 no. 3:27-30 Mr '60.

Practices in joining instruction with productive work. N. K. Brusentsev, I. M. Polkovnikov. Shkola i proizv. 4 no. 3 11-17 Mr '60.

Privileges for working students. V. Korotkov. Okhr. truda i sots strakh 3 no 4:70-72 Ap '60

Systems of labor training and their correlation with theoretical training. L. A. Liferov. Shkola i proizv. 4 no. 3 7-9 Mr '60.

Vocations for automation. M. Vedernikov, M. Pryzhko. Prof.-tekh. obr. 17 no. 3:7-8 Mr '60.

Your fate is in your hands! K. Dorofeev. Smena 37 no. 5 11-15 Mr '60.

EDUCATION, DISTRIBUTIVE see Distributive education

EDUCATION, ELEMENTARY

(see also subdivision under Kursk Province)

The drafts of the new programs must be improved. Z. V. Kudriashova. Nach. shkola 28 no. 2:60 F '60.

Experience in the aesthetic education of students. A. G. Krinitskaia. Nach. shkola 28 no. 4.60-65 Ap '60.

In the one-group school of Vysokoye. V. I. Gamaiunova. Nach. shkola 28 no. 4:82 Ap '60.

Knowledge and skill in reading and writing of children entering the first grade. A. V. IAnkovskaia. Izv. APN no. 107 5-11 '59.

A morning concert. T. G. Kuznetsova. Nach. shkola 28 no. 1.65-67 Ap '60.

New elements in teachers' work (to be continued). I. Maiorova, V. Furmaniuk, A. Dicheva. Nar. obr. no. 6 38-42 Je '60.

Preface. Izv. APN no. 107:3 '59.

Primary grades need close attention. Nar. obr. no. 6: 1-8 Je '60.

Primary sociohistorical ideas of first-grade students. M. S. Vasil'eva. Izv. APN no. 107:121-137 '59.

Repeating a year can be eliminated A. Kosareva. Nar. obr. no. 6 43-45 Je '60.

Small schools. M. Chetyrkin. Nar. obr. no. 6:22-25 Je '60

Supervision of elementary schools. A. Kiselev. Nar. obr. no. 6.20-21 Je '60

Teacher's creative initiative in class. V. S. Mitenev. Nach. shkola 28 no. 2 54-55 F '60.

Thoughts of an old teacher. A. Fedorov. Nar. obr. no. 6 36-37 Je '60.

Treasure chest of educational experience. Nar. obr. no. 6 83-85 Je '60.

Work education and academic training of children in the first grade. I. G. Rozanov. Izv. APN no. 107:151-171 '59.

EDUCATION, ELEMENTARY—BIBLIOGRAPHY see Bibliography—Education, Elementary

EDUCATION, HIGHER

(see also subdivision under Africa; Ukraine)

Exalted duty of Soviet institutions of higher learning. Vest. vys. shkoly 18 no. 7:3-7 Jl '60.

On the basis of cooperation with industry. V. V. Meshkov, M. G. Chilikin. Vest. vys. shkoly 18 no. 7:13-21 Jl '60.

Russia (1923- U. S. S R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia [Handbook for students entering institutions of higher learning of the U. S. S R. in 1960] Spravochnik dlia postupaiushchikh v vysshie uchebnye zavedeniia SSSR v 1960 g. Moskva, Gos izd-vo "Vysshaia shkola," 1960. 263 p.
[MICROFILM]

EDUCATION, INTERNATIONAL see International education

ATION, MILITARY see Military education

ATION, MORAL see Moral education

ATION, PRESCHOOL see [illegible]

ATION, PRESCHOOL—BIBLIOGRAPHY see [illegible] Education, Preschool

ATION, PROFESSIONAL see Professional education

ATION, RURAL

[illegible]

EPSTEIN, ALBERT, [illegible]

[illegible]

[illegible]

ELASTIC PLATES AND SHELLS (Continued)

Lower boundary of permissible limit load from the point of view of kinematics. N. S. Kurdin. Inzh. sbor. 27: 200-202 '60.

Particular solutions of equations of flat spherical shells subjected to the action of some partial loads. V. N. Gnatykiv Izv. AN SSSR. Otd. tekh. nauk. Mekh i mashinostr. no. 3 186-189 My-Je '60.

Practical calculation of the bending moment of shells in a rectangular plan. M. Mishonov. Inzh. sbor. 27: 162-170 '60.

Pressing in an elliptical washer into a hole of a circular plate V V. Tunin Prykl mekh 6 no 1 106-108 '60

Relationship between "load and bending" for flexible shallow shells M. A Koltunov Nauch dokl. vys. shkoly, fiz. -mat nauki no. 3:102-104 '59

Selecting parameters of sandwich plates with a light filler designed for compression A IA Aleksandrov I M Kurshin, A P Prusakov Vop rasch elem aviats konstr no 2 125-130 '59

Some boundary value problems for equations of mixed type arising in the study of infinitesimal flexures in rotational surfaces. N. I. Bakievich. Usp. mat nauk 15 no. 1:171-176 Ja-F '60.

Some problems of zero-torque stress of an ellipsoidal torus (in Georgian with summary in Russian). Sh. S. Metskhovrishvili Trudy Mat. inst AN Gruz. SSR 26 227-240 '59

Stability loss of a cylindrical shell subjected to dynamic loads. IU. I. Kadashevich, A. K. Pertsev. Izv. AN SSSR. Otd tekh. nauk. Mekh i mashinostr. no. 3 30-33 My-Je '60.

Stability of circular plates beyond the elastic limit. S. M. Popov. Inzh. sbor. 27:92-100 '60.

Stability of cylindrical sandwich shells beyond the elastic limit L M Kurshin Vop. rasch elem aviats konstr no 2 43-51 '59

Strength of cylindrical shells subjected to rapidly applied axial loads. O I. Terebushko Stroi mekh. i rasch. soor 2 no 1 10-12 '60.

Strength of ribbed plates beyond elastic limits. G. I IUzefovich. Stroi mekh i rasch soor 2 no. 1 18-22 '60

Stresses in a ponderable semiplane weakened by two circular unsymmetrical holes. L. N. Kislei. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no 3 34-42 My-Je '60.

Stresses in an isotropic bar weakened by two unequal circular holes and subjected to the action of an evenly distributed load M. A Savruk. Prykl mekh 6 no 1 100-105 '60

Stresses in elliptic shells subjected to internal pressure. N. I. Spiridonova. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:74-79 '59.

Symmetrical bending of uniform and nonuniform orthotropic shells of revolution taking into consideration large flexures and an irregular temperature field. E. F. Burmistrov. Inzh. sbor. 27:185-199 '60.

"Theoretical and experimental investigation of some problems in bending and stretching of plates having stiffening ribs" by S A Grach. Reviewed by IA D Livshyts' Prykl. mekh 6 no 1 114-115 '60

Theory of bending of plates resting on elastic non-uniform semispaces. G. IA. Popov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:11-19 '59.

Thermal stresses in disks in a state of elastoplastic stress with a power condition of plasticity with reinforcement [with summary in English]. IU. M. Shevchenko. Dop. AN URSR no. 1:27-31 '60.

Torsion and bending of a circular cylindrical shell reinforced with elastic transverse ribs. S. I. Galkin. Vop. rasch. elem. aviats. konstr no. 1.102-141 '59.

Torsion of an open cylindrical shell reinforced with transverse ribs, S. I. Galkin Vop. rasch. elem. aviats. konstr. no. 1 85-101 '59.

Using considerations of similitude for improving the convergence of the process of successive approximations in calculating shells. I. V. Svirskii. Prikl. mat. i mekh. 24 no. 1:134-143 Ja-F '60.

Using Schwarz algorithms in solving problems of bent plates. A. E. Krushevskii Sbor nauch. trud Bel. politekh. inst no. 76:63-66 '59.

ELASTIC PLATES AND SHELLS—TESTING

Results of longitudinal compression tests of rectangular sandwich plates A IA Aleksandrov, L. E Briukker Vop rasch elem aviats. konstr. no 2 131-135 '59

Strength test of sandwich panels with a foamed plastic filter. A. IA. Aleksandrov, L. E. Briukker. Vop. rasch. elem. aviats. konstr. no. 1:3-13 '59.

ELASTIC RODS AND WIRES

Approximate method for solving the problem of stability of rods with variable cross-sections. S. I. Konashenko. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:20-24 '59.

Designing compressed members with elements of various rigidity according to limiting conditions. N. F. Ershov. Stroi. mekh. i rasch. soor. 2 no. 1 30-34 '60

Designing continuous thin-walled beams on elastically rotating supports for torsion. A. F. Bilevich. Izv. vys. ucheb. zav., stroi. i arkhit. no. 11/12:66-73 '59.

Designing rod systems for strength and stability. A. G Fedorov Stroi mekh i rasch soor 2 no 3 16-23 '60

Resistance to deformations caused by the central compression in the elastic-plastic stage A V Aleksandrov. Stroi. mekh i rasch. soor. 2 no. 1 42-46 '60.

Stability of rods as structural elements beyond the elastic limit. Inzh. sbor. 27:101-113 '60.

Stability of thin-walled rod systems. V. V. Guzhovskii. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:57-65 '59.

Strength of compressed rods subjected to dynamic loads. A. S. Vol'mir Stroi. mekh i rasch. soor. 2 no 1 6-9 '60

Torsion of a rod having a cross section limited by arches of two intersecting circles IA. I. Burak, M. IA. Leonov. Izv. AN SSSR. Otd tekh. nauk. Mekh i mashinostr. no. 3: 181-183 My-Je '60

Torsion of round rods with longitudinal grooves or teeth and a cavity through the center B. L. Abramian, A. A. Babloian Dokl AN Arm SSR 29 no 5:203-209 '59.

Transverse bending of prismatic rods with rectangular sections taking into account the strengthening of material. O. V. Luzhin. Izv. vys. ucheb zav.; stroi i arkhit. no 11/12:38-45 '59.

Ultrasonic testing of rods. M. E. Khurgin, F. A. Zhislin. Zav. lab. 26 no 4 458 '60.

ELASTIC RODS AND WIRES—VIBRATION

Vibration of a ductile string. IU. S. Shkenev. Inzh. sbor. 27:81-86 '60.

ELASTIC SOLIDS

Rolling of elastic solids at a constant and variable friction coefficient under conditions of the three-dimensional problem in the theory of elasticity. Z. Z. Rudiakov. Izv AN SSSR. Otd. tekh nauk Mekh i mashinostr no. 3 170-174 My-Je '60.

Vibration of a solid body resting on a mobile elastic foundation P. P. Kul'mach Izv. VNIIG 60 142-153 '58.

ELASTIC SOLIDS—VIBRATION

Natural vibrations of one-mass systems with unsymmetrical force characteristics. I. P. Glushchenko. Dokl. LPI 3 no. 1/2:3-8 '59.

Sorokin, E S. [Theory of internal friction in case of vibration of elastic systems] K teorii vnutrennego treniia pri kolebaniiakh uprugikh sistem Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960 130 p.

ELASTIC WAVES

Propagation and interaction of compression and decompression waves in elastic-plastic media. G. M. Liakhov, N. I. Poliskova Izv. AN SSSR. Otd. tekh. nauk. Mekh i mashinostr. no 3:99-108 My-Je '60.

Propagation of an elastic wave caused by a spherical explosion in the ground. N. V. Zvolinskii. Prikl. mat. i mekh. 24 no. 1:126-133 Ja-F '60.

ELASTICITY

Determining the Young's modulus of ice by the resonance method M. I. Serikov. Probl. Arkt no. 6 81-87 '59.

Effect of the elastic recovery of impressions on the loading dependence of microhardness. IU. S. Boiarskaia, IU. P. Keloglu, IU. O. Lapsker. Zav. lab. 26 no. 4:477-480 '60.

Korenev, B. G. [Some problems on the theory of elasticity and heat conduction solvable in Bessel functions] Nekotorye zadachi teorii uprugosti i teploprovodnosti, reshaemye v besselevykh funktsiiakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 458 p.

Solving problems in the theory of elasticity for areas with two ties [with summary in English]. N I Kalyniak Prykl mekh 6 no. 1 65-75 '60

ELASTOMERS

Chemistry of the vulcanization of the fluoroelastomer viton A. J. F. Smith. Kauch. i rez. 19 no. 6.58-63 Je '60.

ELBOW—FRACTURE

Intra-articular fractures of the articulatio cubiti. V. I. Rozov, G. K. Maslovskii. Trudy Len. gos. nauch. -issl. inst. travm. i ortop. no. 7:149-160 '58.

ELBOW—WOUNDS AND INJURIES

Clinical and radiological observations of late results of treatment for closed mechanical injuries in the region of the elbow. G K. Maslovskii. Trudy Len gos. nauch.-issl. inst. travm. i ortop no 7:302-313 '58.

EL'BRUS REGION—METEOROLOGY

Radioactivity of the air and its relationship with meteorological conditions in the El'brus region. T. P. Amineva. Izv. AN SSSR. Ser. geofiz. no. 6:898-902 Je '60.

ELECTIONS see subdivision under Iran; United States

ELECTRIC ANESTHESIA

Treatment of reactive conditions with electronarcosis. A. K. Dobrzhanskaia. Probl. sud. psikh. 8:345-362 '59.

ELECTRIC APPARATUS AND APPLIANCES
(see also subdivision under Hungary)

Construction of hand-starters and their use. G. IA. Shkil'ko Prom. energ. 15 no. 4 27-28 Ap '60.

Control offices, flat controllers, dry transformers, distribution boxes and complex distribution devices Energetik 8 no 2 40 F '60.

Control stations, flat controllers, dry transformers, distribution boxes and chambers of complex distribution devices (to be continued). Energetik 8 no. 3:40 Mr '60.

Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti. Moskovskoe pravlenie. [Present-day state and prospects for developing new designs of low-voltage apparatus, based on materials from a conference on science and technology] Sostoianie i perspektivy razvitiia konstruktsii nizkovol'tnykh apparatov; po materialam nauchno-tekhnicheskogo soveshchaniia. Moskva, Gos. energ. izd-vo, 1959. 287 p.

Selecting apparatus and conductors according to heating short circuit currents. I. D. Kutiavin. Izv vys. ucheb. zav.; energ. 3 no. 6:28-29 Je '60.

Summary of the technical press. Prom. energ. 15 no. 3: 62-63 Mr '60.

Training film "Safe methods of assembling electric equipment." V. Romanovskii. Shkola i proizv. 4 no. 3. 32 Mr '60.

ELECTRIC APPARATUS AND APPLIANCES—TESTING

Practical conclusions obtained from the testing of arresters. E. A. Zgrzheblovskii, V. S. Palkin. Elek. i tepl. tiaga 4 no. 2 17-18 F '60.

ELECTRIC ARC

A. c. arc as a source of light for the spectrum analysis of smelted metals. L. E. Vvedenskii, V. I. Shekhobalova. Trudy MATI no. 41 68-75 '59.

Determination of the plasma temperature of an electric arc S. A. Shipitsyn, V V. Plastinin Izv vys ucheb zav., fiz no. 6 169-171 '59

Method for producing an electric arc under pressure. L. F Vereshchagin, N S Fateeva Prib. i tekh eksp no 1 133-134 Ja-F '60.

ELECTRIC ARC—SPECTRA

Degree of inhomogeneity of an arc discharge. N. G Preobrazhenskii. Izv vys ucheb zav., fiz no 6 173-175 '59

ELECTRIC BATTERIES

Miniature hermetically sealed nickel-cadmium batteries. M. A. Dasoian. Vest. elektroprom. 31 no. 2:46-49 F '60.

Possible ways to increase the useful life of lead storage batteries. I. I. Koval', V. I. Harilenko. Vest. elektroprom. 31 no. 2:43-46 F '60.

ELECTRIC CABLES
(see also subdivision under Hungary)

Edel'man, A. S., and A. S. Feldman. [Aluminum in the production of cables] Aliuminii v kabel'noi tekhnike. Moskva, Gos. energ. izd-vo, 1960. 95 p.

Faiber, IU. D [Measuring and tuning of multichannel symmetric multiplexed communication cables] Izmereniia i nastroika mnogokanal'nykh sistem uplotneniia simmetrichnykh kabelei sviazi. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 236 p.

High-speed vertical machine for twisting slightly-paired connection cables. I. A. Pletiukhin. Biul. tekh. -ekon. inform no. 3:34-35 '60.

Hygrothermal and electrical properties of cable insulation. IU K. Koptelov, A. F. Sorokin. Izv. vys. ucheb. zav., energ. 3 no. 5:80-89 My '60.

Power cables with polyethylene insulation for 10 kv. voltage. R. V. Kulakova, A. G. Mirsoev, E. V. Skorospelova. Vest. elektroprom. 31 no. 3.41-45 Mr '60.

Protection sleeve made of flat armor strip. V S. Zaitsev Energetik 8 no. 2 22-23 F '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list for equipment installation] TSennik na montazh oborudovaniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam.

No. 8 [Electric installations. Supplement 9. Tables of weights of different brands and cross sections] Elektricheskie ustanovki. Prilozhenie 9, tablitsy vesov kabelei razlichnykh marok i sechenii. 1960. 58 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Specifications for carrying out and accepting construction and assembly operations, electrical assembly operations] Tekhnicheskie usloviia na proizvodstvo i priemku stroitel'nykh i montazhnykh rabot; elektromontazhnye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam,

Pt. 2. [Electric lines and cables, SN 70-59] Elektroprovodki i kabel'nye linii SN 70-59. 1959. 53 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 23. [Electric-wiring operations] Elektromontazhnye raboty.

No. 4. [200 kv electric cables lines] Kabel'nye linii napriazheniem do 220 kv. 1960. 51 p.

ELECTRIC ENGINEERING—AUDIO VISUAL AIDS

New apparatus for those who are studying electrical engineering. I. Baltayn. Prof.-tekh.obr. 17 no.3: 35-36 Mr '60.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—EQUIPMENT AND SUPPLIES

Alekseev, V. A., and I. I. Vlasov. [One hundred automatic devices] Sto priborov avtomatov. [Moskva] Moskovskii rabochii, 1960. 62 p.

Redesigning a [illegible] for [illegible] [illegible]. Avtomatika i telemekhanika 1 no. 1 17 Mr '60.

Remodeling the fastening of fuses in the [illegible] 100 power box. [illegible] Energetik 8 no. [illegible] Je '60

ELECTRIC ENGINEERING—NOTATION

Draft of a new State Standard for designating the basic values in electrical engineering by letters. Elektrichestvo no. 3:84-88 Mr '60

ELECTRIC ENGINEERING—SAFETY MEASURES

Russia (1917- U.S.S.R.) Ministerstvo elektrostantsii [illegible] [Safety rules in the operation of electrical apparatus of urban and rural networks] Pravila bezopasnosti pri ekspluatatsii elektricheskikh setei [illegible] [illegible]. Moskva, Gosenergoizdat, 1959. 64 p.

Valuable textbook pertaining to the safety of working conditions. [illegible] Vainshtein. Prom. energ. 15 no. [illegible] Mr '60

ELECTRIC ENGINEERING—STUDY AND TEACHING

Lototskii, K. V., and I. V. Petrov. [Practical manual on electrical engineering and on the application of electricity in agriculture] Praktikum po elektrotekhnike i primeneniyu elektricheskoi energii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 191 p. [illegible]

New trends in scientific, research, and educational institutions, [illegible] F. P. Korlanov. [illegible] no. 2 [illegible] '60.

ELECTRIC FIELDS

Calculating method for plotting trajectories of relativistic and ultrarelativistic particles in electrostatic fields. [illegible] Radiotekh. i elektron. 5 no. 7:1088-1111 Jl '60.

[illegible] of effective dielectric permeability of a medium with [illegible] [illegible] 16 no. [illegible] 1045-1046 [illegible]

ELECTRIC FILTERS

Determination of [illegible] of the characteristic [illegible] control of [illegible] filters. A. I. [illegible] Elektrosvyaz' 14 no. [illegible] Mr '60

[illegible] A. P. [illegible] [illegible] [illegible]

ELECTRIC FURNACES

Automatic adjustment of arc furnaces in case of voltage change in the network. N. A. Vasil'chenko. Izv. vys. ucheb. zav.; energ. 3 no. 6:57-60 Je '60

Automatic power regulation of an arc furnace by the temperature of the [illegible]. N. V. [illegible]. Vest. elektroprom. 31 no. [illegible] Mr '60.

Controlling [illegible] for electric arc [illegible] furnaces. [illegible] [illegible] [illegible]

Electric arc steel smelting furnaces in foreign countries [from materials presented at the Fourth International Conference on Electrothermics in Stresa, Italy, May 1959]. M. A. [illegible] Stal' 20 no. [illegible] Mr '60

Mechanization and automation of electric arc steel furnaces. N. V. [illegible]. Biul. tekh.-ekon. inform. 4 no. [illegible] '60.

ELECTRIC FUSES

Remodeling the fastening of fuses in the [illegible] 100 power box. [illegible] Energetik 8 no. 2:10 [illegible] '60

ELECTRIC GENERATORS

Reversal of magnetism in the generator of an electric drive. [illegible] Prom. energ. 15 no. [illegible] Mr '60.

Selecting the basic parameters of excitation systems for self-exciting synchronous generators. D. V. Vilesov. Elektrichestvo no. 3:30-34 Mr '60.

Visiting the inventor of the miniature hydroelectric power plant. [illegible] Izobr. i rats. [illegible] no. 2:60-61 F '60.

ELECTRIC GENERATORS—ELECTROMECHANICAL ANALOGIES

Active resistance [illegible] compensator for the rotor of a model generator. G. V. [illegible] Izv. vys. ucheb. zav.; energ. 3 no. 4:47-52 Ap '60

ELECTRIC HEATING

Conference on the electrothermal stretching of reinforcements of [illegible] reinforced concrete construction elements. [illegible] Izv. ASiA no. [illegible] '59

Economic [illegible] of [illegible] heating of large [illegible] concrete blocks. [illegible] no. [illegible]

Electric heating of roadbeds [illegible] laid in the floors. [illegible] Prom. energ. [illegible] '60

Electrothermal [illegible] of high-strength wire [illegible] [illegible] 21 [illegible] '60

Expand the use of electrothermal methods for [illegible] reinforcements. [illegible] no. [illegible] '60

Studying the process for heating [illegible] with high frequency currents. N. P. [illegible] no. 1 [illegible] '60

Using electric heating in molding [illegible] silicate blocks. [illegible] '60

Using electrothermal methods for [illegible] in making reinforced concrete [illegible] [illegible]

ELECTRIC HEATING—TESTING

Method of rapid alloy testing for electric heating [illegible] N. V. [illegible] Zhur. [illegible] no. 23:150 [illegible] '60

ELECTRIC HOUSEHOLD APPLIANCES see Household appliances, Electric

ELECTRIC INDUSTRIES see subdivision [illegible] M[illegible]

ELECTRIC INDUSTRIES—PRODUCTION STANDARDS

Improve the revision of [illegible] [illegible] 5 no. [illegible] '60

ELECTRIC INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision [illegible]

ELECTRIC INSTRUMENTS

Abakumov and [illegible] [Problems in the [illegible] of [illegible] electrical instruments] [illegible] 1960. [illegible] p.

Conference on [illegible] [illegible]

[illegible] [illegible]

ELECTRIC INSTRUMENTS—STANDARDS

[illegible]

ELECTRIC INSULATORS AND INSULATION

Cast insulation from [illegible] [illegible] [illegible]

Cast insulation [illegible] [illegible] [illegible] '60.

Effect of [illegible] [illegible] [illegible] [illegible]

[illegible] fittings [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

Rapid hardening [illegible] for [illegible] insulation and its properties. M. A. [illegible] no. 8:40 [illegible] '60

Insulation [illegible] [illegible] Prom. energ. [illegible]

Using cast insulation [illegible] [illegible] [illegible]

Using P-4 [illegible] [illegible] Central Asia. A. A. [illegible] [illegible]

ELECTRIC INSULATORS AND INSULATION—DRYING

New way of drying [illegible] with [illegible] insulation. A. I. [illegible] Izv. vys. ucheb. zav.; energ. 3 no. 4:108-112 Ap '60.

ELECTRIC INSULATORS AND INSULATION—TESTING (see also subdivision under Circuit Breakers)

Analyzing the operation of [illegible] for checking insulation. [illegible] no. [illegible] Mr '60

Clips for high voltage tests of [illegible] [illegible] Energetik 8 no. [illegible]

Methods for mechanical tests of insulation in electric machines. N. A. Kartashevin, V. D. [illegible] Vest. elektroprom. 31 no. 3:13 [illegible]

[illegible] Antonishina [illegible] [illegible] 17 no. 6:25-28 [illegible]

ELECTRIC LAMPS

[illegible] V. [illegible] [illegible] Ap [illegible]

ELECTRIC LAMPS, ARC

[illegible]

ELECTRIC LAMPS, INCANDESCENT

[illegible] Vol'fkovich, [illegible]

[illegible]

ELECTRIC LAMPS, INCANDESCENT—STANDARDS

[illegible]

ELECTRIC LIGHTING

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ELECTRIC LIGHTING—BIBLIOGRAPHY see Bibliography—Electric lighting

ELECTRIC LIGHTING—EQUIPMENT AND SUPPLIES

[illegible]

ELECTRIC LINES

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] Electric Transmission [illegible] [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

(923- U.S.S.R.) Gosudarstvennyi komitet po stroitel'stva. [Specifications for carrying out ing construction and assembly operations, assembly operations] Tekhnicheskie uslovila vodstvo i priemku stroitel'nykh i montazhnykh elektromontazhnye raboty. Moskva, Gos. izd-vo stroit., arkhit. i stroit materialam. [Electric lines and cables, SN 70-59] Elektroprovodki i kabel'nye linii SN 70-59 1959. 53 p.

multiconductor transmission line consisting of variable phase conductors on the surface cular cylinder. L.N. Loshakov. Radiotekh. i 5 no. 7:1092-1099 Jl '60.

minum in communication lines. V.I Bart. telem i sviaz' 4 no 3 16-17 Mr '60

LINES—MAINTENANCE AND REPAIR

repair stations are the basis for the mechani- repair work on high-voltage electric transmis- G.I. Iaznov. Energetik 8 no. 3.1-2

1917- R.S.F.S.R.) Glavnoe upravlenie po stvu elektromontazhnykh rabot. [Memorandum rules for an electrician working on overhead Pamiatka po tekhnike bazopasnosti elektromontera- nika vozdushnykh linii elektroperedachi. Mo- Gos. energ. izd-vo, 1960. 31 p.

LINES—OVERHEAD

for regulating voltage in electric lines. N.A. Izv. vys. ucheb. zav., energ. 3 no. 5,51-53

ation of the end effect near the point of short in connection with the calculation of the danger- luence of electric transmission lines on commu- n lines O N. Ivanitskaia, M.V. Kostenko, V M Izv vys. ucheb zav ,energ 3 no 5:26-34

of heterogeneous electric transmission lines processes under steady-state conditions. kin. Izv. vys. ucheb. zav., energ. 3 no. 5,16-50

method for locating the place of damage in communication lines V.P Zhukov. Avtom, sviaz' 4 no 3:30-32 Mr '60

experience. V.K. Malorov. Elek. i tepl. tiaga 25-26 '60.

gn of a winding device I P Matiushin Avtom, sviaz' 4 no 3 30 Mr '60.

cks are walking above the earth.... V. Sakk. 37 no. 2.10-11 Ja '60.

C LINES—POLES

so subdivision under Great Britain)

ting foundations for contact system supports in pressions N.F. Gushchenko. Transp. stroi. 10 Ja '60.

tion of 110 kv. electric transmission lines on ced concrete supports. D.V. Rabinovich, S.V. I.A. Merman. Energetik 8 no. 3,2-7

or testing hooks, straps, and safety belts. telem. i sviaz' 4 no. 2:37 F '60.

methods for making reinforced concrete sup- or electric lighting networks Rats i izobr. stroi no 14 5-8 '60

for excavating holes for the supports of electric ission lines Rats i izobr predl v stroi no 14 '60

ention to spark gaps. D.G. Ashkinezer. Elek. i ga 4 no. 4:24-25 '60.

ation of poles by use of a method which involves rm soaking. A I Nikanorova, N A. Mikheev viazi 20 no. 3 7-8 Mr '60.

sed reinforced concrete three-stake poles with cross pieces. A P. Alekseev and others stroi. 10 no 3.16-20 Mr '60.

sed reinforced concrete trihedral electric-line Rats i izobr predl v stroi no 14 8-12 '60

ed concrete struts and pillars in wire communi- E.S Medvedev Vest. sviazi 20 no. 3 18-21

ed concrete supports with a part of reinforce- stressed. M.A. Reut. Bet. i zhel.-bet. no. 3: Mr '60.

the inquiries of our readers Avtom, telem i 4 no 3 44-45 Mr '60.

methods for making reinforced concrete sup- F. Ivashchenko. Sil'. bud. 10 no. 6:11 Je '60.

of electric power transmission lines with a foundation. IU. E. Grigor'ev. Energokhoz. za rub. 1-45 Mr-Ap '60.

ench excavators in digging holes for contact sys- pports. M.P. Il'in, IU.E. Ivanov. Transp. stroi. 1:25-26 Ja '60.

ntainers. Stroitel' no. 3:29 Mr '60.

C LINES—TESTING

inductance for the induction method of deter- the damage area of the power cable. V.A. kii. Ugol' Ukr. 4 no. 3:42-44 Mr '60

Are horizontal partitions between power cables in cable tunnels necessary? G.A. Shapiro, B K. Zotov. Prom energ. 15 no. 4 52 Ap '60

Chain jack for penetrating the soil under roads E B Pergament Energetik 8 no 2 24-26 F '60

Reinforced concrete plates used for the protection of underground cables against physical damage. V.E Ladilov. Prom. energ. 15 no. 3.25 Mr '60

Underground signaling and communication cables should be adequately shielded from ground currents M D Paurtseva Avtom., telem i sviaz' 4 no 3 15-16 Mr '60

ELECTRIC LOCOMOTIVES

(see also subdivision under Perm Province)

Advice pertaining to the maintenance of linear contactors of the VL23 electric locomotive. O.M. Akhromeev. Elek. i tepl. tiaga 4 no. 2.36-37 F '60.

Antifriction disks should be made in factories. V.F. Omel'ianovich. Elek. i tepl. tiaga 4 no. 4:45 '60.

Decision suggested by experience on the road. L.N. Osipovskii, I.B. Strelin. Elek. i tepl. tiaga. 4 no. 4:28-30 '60.

Electric circuits and equipment of the ChS1 electric locomotive. I.P. Evteev, S.I. Osipov. Elek. i tepl. tiaga 4 no. 4:33-39 '60.

Electric locomotives need reliable electric meters. D.L. Brenkevich. Elek. i tepl. tiaga 4 no. 2:5-6 F '60.

Improving the design of the running gear of the VL23 electric locomotive. V.R Medel'. Zhel dor transp. 42 no. 3,28-29 Mr '60.

Inadequate catalog-manual ("Catalog manual on electric mine locomotives." Reviewed by P.M. IAkovlev). Ugol' 35 no. 3,61 Mr '60.

Khromov, G.A., and A.A. Esipov. [Automatic hard facing of tires for wheel pairs of electric locomotives] Avtomaticheskaia naplavka bandazhei kolesnykh par elektrovozov Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1960 25 p

Kochuraev, L.D. [Group contactors for d.c. electric locomotives] Gruppovye kontaktory elektrovozov postoiannogo toka. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 25 p. (Bibliotechka mashinista elektrovoza)

Unsolved problems pertaining to the construction of N8 electric locomotives. Elek. i tepl. tiaga 4 no. 4:46 '60.

ELECTRIC LOCOMOTIVES—COLD WEATHER OPERATION

Means for improving operation of the N8 electric locomotives during winter. V.A. Vinokurov. Elek. i tepl. tiaga 4 no. 2,7 F '60.

ELECTRIC LOCOMOTIVES—ELECTRIC EQUIPMENT

Our suggestions for improvement of the VL23 electric locomotive circuit. A.V. Zubov and others. Elek. i tepl. tiaga 4 no. 2 45 F '60.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

(see also subdivision under Kuybyshev)

From our Handbook for the Engineer. V.A. Usikov. Elek. i tepl. tiaga 4 no. 4:40-41 '60.

Mechanization of operations in the repair of bearing axle units of an electric locomotive. A.N. Kazarin. Elek. i tepl. tiaga 4 no. 4:20-21 '60.

Russia (1923- U.S.S.R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Rules for current repair, care and maintenance of electric locomotives] Pravila tekushchego remonta, ukhoda i soderzhaniia elektrovozov. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 357 p.

Simple device. V.F. Omelianovich. Elek. i tepl. tiaga 4 no. 2,22 F '60.

These are not trifles. F.T. Bespalov. Elek. i tepl. tiaga 4 no. 4:45 '60.

ELECTRIC MACHINERY

Akademiia nauk URSR, Instytut budivel'noi mekhaniky. [Problems of thermal stresses in the manufacture of electric power machinery] Zadachi termopruzhnosti v energomashynobuduvanni. Kyiv, 1960. 174 p.

Distribution of magnetic flux and commutating field in machines having a full or half number of supplementary poles. I.Z. Ageev. Elektrichestvo no. 3:38-43 Mr '60.

Effect of ambient temperature and altitude on the ratings of d.c. machines. N.A. Panfilov. Elektrichestvo no. 3: 30-33 Mr '60.

Installation for determining breaks in wires and threads of small diameter. A.T. Karpov. Vest. elektroprom. 31 no. 3:71-72 Mr '60.

Investigating deformations in compounded insulation of the stator-winding rod. M.F. IUdov. Vest. elektroprom. 31 no. 2:23-27 F '60.

Methods for mechanical tests of insulation in electric machines. B.A. Kartashkin, V.R. Kulakovskii, I.V. Ezrina. Vest. elektroprom. 31 no. 2:33-37 F '60.

Simplified method for calculating self-excitation conditions in systems with several synchronous and asynchronous machines. A.I. Dolginov, Li Kuan-tsi. Izv. vys. ucheb. zav., energ. 3 no. 5:15-25 My '60.

ELECTRIC MACHINERY—DIRECT CURRENT

Assymetry of duplex single reentrant lap armature windings of d.c. machines. P.M. Ipatov. Vest. elektroprom. 31 no. 3,54-57 Mr '60.

Vest. elektroprom. 31 no. 3.79-80 Mr '60.

ELECTRIC MACHINERY—STUDY AND TEACHING

Andrianov, V.N., and others. [Practical studies of electric machinery in laboratories] Laboratorno-prakticheskie zaniatiia po elektricheskim mashinam Moskva, Gos izd-vo sel'khoz. lit-ry, 1960. 250 p.

Eteriei, N.S., and A.A. Potekhin [Electric machinery] Elektricheskie mashiny Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 299 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)

ELECTRIC MACHINERY—TESTING

Tropics of Vasil'evskiy Island. G. Mishkovich. IUn. tekh. 4 no. 2:18-23 F '60.

ELECTRIC MACHINERY—WINDING

Calculating temperature drop in the insulation of mush winding of electric machines. V.B. Khalif. Vest. elektroprom. 31 no. 2:30-32 F '60.

ELECTRIC MACHINERY INDUSTRY—HYGIENIC ASPECTS

see subdivision under Latvia

ELECTRIC MEASUREMENTS

(see also subdivision under Penza)

Automatic measurement of displacements of the pump-and-injector needle. M.K. Gavrilenko. Izm. tekh. no. 3:4-5 Mr '60.

Ballistic measurements for metal testing of magnetically hard alloys. B.V. Getling. Izv. vys. ucheb. zav.; chern. met. no 5:181-186 '60

Calculating the reactive electric energy in single-phase circuits. D.F. Przhegorlinskii. Prom energ. 15 no. 3: 34-35 Mr '60.

Cast insulation from MBK-1 compound for instrument transformers. IU.A. Kozlov, A.L. Poliakov, S.I. Sokolova. Vest. elektroprom. 31 no. 2:12-17 F '60.

A good book requires additions ("Fundamentals of electric measurements, electronic equipment, and electric control used in the manufacture of instruments" by S.F Korndorf. Reviewed by E.I. Gitis). Priborostroenie no. 4:31-32 Ap '60.

Measuring electric values at infralow frequencies. P.P. Ornatskii, P.B. Usatin. Proborostroenie no. 3 7-10 Mr '60.

Method of checking the phase of the power supply in adjacent rail networks A.G. Popov, I M Shcherbatykh Avtom., telem i sviaz' 4 no 3 22-24 Mr '60

Russia (1923- U.S.S.R.) Glavnoe upravlenie mezhdugorodnoi telefonno-telegrafnoi sviazi. [Manual on electric measurements of long-distance communication lines] Rukovodstvo po elektricheskim izmereniiam mezhdugorodnykh linii sviazi i radio, 1960. 194 p.

Using the thermistor for temperature measurements in a circuit with an e.m.f. bridge G N. Shabadich Trudy Inst. energ AN BSSR no. 10 122-126 '59

ELECTRIC MEASUREMENTS—CONGRESSES

Conference on automatic control and methods of electric measurements. A.M. Illukovich. Izm. tekh. no. 3: 57-58 Mr '60.

International conference of Technical Committee No. 38 of the International Electric Engineering Commission. M.A. Bykov. Izm. tekh. no. 2:62-63 F '60.

ELECTRIC METAL CUTTING

Cutting machines without cutting tools. N. Teterin. Tekh. mol. 28 no. 2:8-9 '60

"Electrom." B. Lazarenko. Tekh. mol. 28 no. 2:8-9 '60.

ELECTRIC METERS

Digital electromechanical voltmeters and ohmmeters. V.M. Shliandin. Izm. tekh. no. 3:45-50 Mr '60.

Electric locomotives need reliable electric meters. D.L. Brenkevich. Elek. i tepl. tiaga 4 no. 2:5-6 F '60.

Electric meters for networks with infra-low frequency currents. P.B Usatin Biul tekh.-ekon inform no. 2: 35-38 '60

Increasing the precision of electric calibration of ponderomotive superhigh-frequency power meters. V.D. Kukush, V.G. Orlov. Izm. tekh. no. 2:45-46 F '60.

Minature shock-proof d.c. meters. S.I. IUr'eva Biul. tekh.-ekon. inform. no 2 38-39 '60.

New method of fastening and connecting ammeters and voltmeters to distribution boards. A.N. Ukleba, B.I. Martsinovskii. Energetik 8 no. 2 14-16 F '60.

ELECTRIC MOTORS

Constructional shortcomings of type KPDN-MP and series DP d.c. motors. I.E. Khvalev. Prom. energ. 15 no. 3: 57-58 Mr '60.

Determining the power on the terminals of an electric motor according to the degree of loading of the actuating mechanism. K.T. Vitiuk. Izv. vys. ucheb. zav., energ. 3 no. 5:54-59 My '60.

Hermetic sealing of stators of immersible electric motors for NDV-type pumps. E.I. Linshenko. Ugol' Ukr. 4 no. 2:37 F '60.

Our consultations. Radio no. 3:62 Mr '60.

ELECTRIC MOTORS (Continued)

Rudakov, V.V., A.A.Dartau, and V.A.Prozorov. [Operation of electric motors for farm equipment] Ekspluatatsiia elektricheskikh mashin sel'skikh ustanovok. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 200 p.

Using single-phase electric motors in rural electric networks. I.Borodin Tekh v sel'khoz. 20 no.2:39-40 F '60.

ELECTRIC MOTORS—DESIGN AND CONSTRUCTION

Automatic line for the production of electric motor frames. K V. Khokhrunov Vest. elektroprom. 31 no.3 30-34 Mr '60.

Design and manufacturing technology of stator winding sections for high-voltage electric motors. L.M.Bernshtein. Vest. elektroprom. 31 no.3 38-41 Mr '60.

ELECTRIC MOTORS—REPAIRING

Methods for unwinding the windings of a motor in connection with its repair. L.G.Rubo. Prom.energ. 15 no 4 53 Ap '60.

ELECTRIC MOTORS, DIRECT CURRENT

Calculating the mechanical characteristics of an electric motor with mixed excitation operating on a circuit with restriction of the developing moment. V.A.Klemin-Sharonov, M.A.Galenko. Izv. vys. ucheb zav , energ. 3 no.6 53-56 Je '60.

ELECTRIC MOTORS, INDUCTION

Birotative device for measuring slippage of asynchronous motors. M.S.Mikhailov-Mikulinskii, S.N.Alekseev-Mokhov. Vest. elektroprom. 31 no.2:77-78 F '60.

Control system for two-speed electric motors P V Polzik Mash Bel no 6 40-43 '59

Limiting the no-load operation of an asynchronous motor. I.S.Tarasov. Elek. i tepl. tiaga 4 no.4:16-18 '60.

Magnetic regulator of electrodynamic braking of an asynchronous motor. N.P.Rybalko. Vest elektroprom. 31 no 3 26-30 Mr '60.

New way of braking asynchronous short-circuited motors by the method of three-phase short-circuiting. M.F. Zakharov, IU.V.Smirnov, E.F.Shkatov. Izv. vys. ucheb zav. ,energ. 3 no.4 40-46 Ap '60

Optimum frequency control of electric induction motors [with summary in English] IU. P Petrov Avtom i telem 21 no 3 333-339 Mr '60

Rivlin, L B. [Locating trouble in an asynchronous motor] Kak opredelit' neispravnost' asinkhronnogo dvigatelia Moskva, Gos. energ izd-vo, 1960. 61 p (Biblioteka elektromontera, no. 10)

Simple method for determining the load coefficient of asynchronous electric motors A Orzhekhovskii Muk.-elev prom. 26 no 2 8-10 F '60

ELECTRIC MOTORS, INDUCTION—TESTING

Conveyer for control tests of asynchronous crane motors. S.A.Trufanov. Vest. elektroprom. 31 no.3 34-38 Mr '60.

ELECTRIC MOTORS, SYNCHRONOUS

Calculating the excitation system of compound synchronous motors. G.Z.Oganesian. Vest. elektroprom. 31 no 2: 64-67 F '60.

Method for calculation of phase compounding circuits with a corrector. G.G.Demirchian. Vest. elektroprom. 31 no.2,67-73 F '60.

ELECTRIC NETWORK ANALYZERS

Modeling the static characteristics of load and generation of electric systems. L.K.Lada-Charnovskii. Izv. vys. ucheb zav., energ. 3 no.6 14-19 Je '60.

ELECTRIC NETWORKS

Calculating the distribution coefficient of active loads leading to minimum losses in the networks. V.A.Slabikov. Izv. vys. ucheb. zav., energ. 3 no.6:7-13 Je '60

Compensating the reactive loads in harbor networks. V.E. Bogachenko. Prom. energ. 15 no.3:8-11 Mr '60.

Conference on rectifier-containing electric networks V P Sigorskii Izv. vys ucheb zav , radiotekh 2 no.6:755-757 N-D '59

Using single-phase electric motors in rural electric networks. I.Borodin. Tekh. v sel'khoz. 20 no.2:39-40 F '60.

ELECTRIC NETWORKS—ELECTROMECHANICAL ANALOGIES

Modeling a complex electric system in transient conditions by static replacement circuits. A.K.Klimkov. Izv. vys. ucheb. zav. ,energ. 3 no.5,35-43 My '60.

Using electronic computers for studying transient processes in electric systems. I.A.Gruzdev, M.L.Levinshtein. Elektrichestvo no.3:2-14 Mr '60.

ELECTRIC POWER

(see also subdivision under Donets Basin, Europe, Western, Minsk; Rostov Province; United States; Ural Mountain region)

Be economical! A.Dorokhov. IUn. tekh. 4 no 3:2-4 Mr '60.

Electric plan. A.Borovoi. Smena 37 no.8·2-3,16 Ap '60.

General aspects of electric power consumption in the U.S.S.R. P.S.Neporozhnii. Gidr. stroi. 29 no.3:4-7 Mr '60.

If light is needlessly on, our state suffers a loss. G.Tazov. Agitator no.5·44-46 Mr '60.

Let us save 10 million kw.-hr. I.N.Sherstobitov. Elek. i tepl. tiaga 4 no.4:16 '60.

Saving electric power. I.Biriukov. Zhil.-kom.khoz. 10 no.4 10-11 '60.

Synthetic fiber factories must contribute to the economy of electric power consumption. Khim. volok. no.1·1-2 '60.

Why we should sparingly use electric power. V.Atabekov. Otv. na vop. trud. no.111:17-23 '60.

ELECTRIC POWER DEVELOPMENT see Electrification

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Aktyubinsk Economic region, Karaganda Economic region, Moscow Province, United States; Vancouver Island)

Distribution devices without linear disconnectors for 6 kv. systems S.A.Ioannisian Prom. energ. 15 no.3 38-40 Mr '60.

Economics of electric power supply to industrial enterprises. Sh.Sh.Rechin. Izv. vys. ucheb. zav ,energ 3 no.4 142-146 Ap '60.

Electric power should be used efficiently. Avtom., telem. i sviaz' 4 no.2,1-3 F '60.

Illumination of distribution systems with a capacity of 400 to 500 kv. A.IA.Kots Svetotekhnika 6 no.4,31 Ap '60.

Investigating electric loads of industrial enterprises. S.I.Ogorodnov. Prom.energ. 15 no.4 37-40 Ap '60.

Layout of a 230 kv. distributing installation on a hexagon circuit. K.K.Chernev Energokhoz za rub. no 2· 43-44 Mr-Ap '60.

Practical criterion of the possibility of connecting a large single-phase load to an electric system at a given point in the net S.M.Rozhavskii Izv. vys. ucheb zav. ,energ 3 no.4 1-3 Ap '60.

Problems arising in connection with supplying power to industrial plants. M.V Grejsukh. Prom. energ 15 no.3 32-34 Mr '60.

Problems pertaining to the supply of electric power to construction works. I.L Pol'. Prom.energ 15 no 4· 40-42 Ap '60

Some information pertaining to selection and checking of bus bars according to the mechanical resonance in the leads. A.A.Fedorov, I A.Gureev. Prom. energ. 15 no 4·18-22 Ap '60

Stalingrad Hydroelectric Power Station supplying electric power for the Donets Basin. A.M.Berkovskii. Nauka i zhizn' 27 no.2,17-21 F '60.

Theory of designing and operating an antenna-type system for taking small loads from high-voltage transmission lines. N.G.Ganikhodzhaev. Izv. AN Uz SSR. Ser. tekh. nauk no 1 3-18 '60.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

New safety regulations for operating electric units of stations and substations. T.Musatov. Bezop. truda v prom. 4 no.3 39 '60.

ELECTRIC POWER PLANTS

(see also subdivision under Chelyabinsk Province, Kalinin; Scandinavia, United States)

Baptidanov, L.N., and V.I.Tarasov. [Electric equipment of electric power plants and substations in two volumes] Elektrooborudovanie elektricheskikh stantsii i podstantsii v dvukh tomakh. Moskva, Gos. energ. izd-vo.

Vol.1. [Basic electric equipment of electric power plants and substations] Osnovnoe elektrooborudovanie elektricheskikh stantsii i podstantsii. Izd. 3., perer. 1960. 408 p.

Data pertaining to some electricity and heat plants during 1956 and 1957. A.F.Afanas'ev. Energokhoz. za rub. no.2:13-16 Mr-Ap '60.

Draft of directives regarding the raising of the electric power factor in users' installations. Prom. energ. 15 no.3·44-47 Mr '60.

An important condition for speeding up electric power plant construction. L.Gudkevich. Plan. khoz. 37 no.6,47-53 Je '60.

Optimum power of a condensing electric power plant operated on peat E.B Akhundov, A V. Avramenko, IU S Bampi Trudy Inst energ AN BSSR no 10 12-21 '59

Organizing the operational chemical control in a heat and electric power plant. V.G.Gulinev. Energetik 8 no.3· 14-15 Mr '60.

Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. Tekhnicheskoe upravlenie. [Safety rules for servicing the boiler and turbine sections of an electric power plant] Pravila tekhniki bezopasnosti pri obsluzhivanii oborudovaniia teplovykh tsekhov elektrostantsii. Moskva, Gos. energ. izd-vo, 1959. 94 p.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION see subdivision under Kharkov

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

ORGRES, trust, Moscow. [Auxiliary equipment of electric power stations] Sobstvennye nuzhdy elektricheskikh stantsii; sbornik statei Pod red. M.S.Ulitskogo. Moskva, Gos energ izd-vo, 1958 135 p.

ELECTRIC POWER PLANTS—LABOR PRODUCTIVITY

Measuring labor productivity at an electric power plant. I.Levin Sots. trud 5 no.2:122-123 F '60.

ELECTRIC POWER PRODUCTION

Approximate calculation of the effect of additional torques of hydraulic generators on the dynamic stability of electric transmission. G.B.Chernikov. Elektrichestvo no.3·25-29 Mr '60.

Development of systems of electric power supply for industrial enterprises N.M.Ivanov. Prom. energ. 15 no.4 42-43 Ap '60.

"Development of the fuel-power industry in the U.S.S.R." by A.F.Zasiad'ko. Reviewed by A.Boiko, IA.Zenkis. Vop. ekon. no.7:122-126 Jl '60.

Increase of electric power available to ferrous metallurgy plants. S A.Sheidin. Prom. energ. 15 no.3 17-18 Mr '60.

Problem of the direct measurement of relative increments in power installations E.B.Akhundov, B.S. Kakhanovich Trudy Inst energ. AN BSSR no 10 81-97 '59

ELECTRIC POWER TRANSMISSION see Electric lines

ELECTRIC PROSPECTING

Characteristics of resistivity logging curves. A.E. Kulinkovich. Prikl geofiz. no.24·121-158 '60.

Considering the effect of metal casings on the results of prospecting by the charged body method. B.K.Matveev. Razved. i okh. nedr 25 no.12:39-42 D '59

Determining cross section parameters in interpreting multilayer N-type curves in vertical electric sounding. V.I.Fomina. Prikl. geofiz. no.25.96-113 '60.

Determining porosity by spontaneous polarization curves. S.G.Komarov and others. Prikl. geofiz. no.25:192-215 '60

Determining reservoir properties of strata by their specific resistivity. A.T.Botarov. Prikl. geofiz. no.25 216-222 '60.

Determining the specific surface and permeability of sandy reservoir strata from data obtained by the induced polarization method. V.N.Dakhnov, V.M.Dobrynin. Prikl. geofiz. no.25:177-191 '60.

Methods and apparatus for airborne electric prospecting. L.IA.Miziuk. Izv. AN SSSR. Ser. geofiz. no.6·787-797 Je '60.

Rodionov, P.F. [Using the charged body method in prospecting for pyrite deposits in the Urals.] Elektrorazvedka kolchedannykh mestorozhdenii Urala metodom zariada. Sverdlovsk, 1959. 148 p. (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut geofiziki. Trudy, no.1)

[MICROFILM]

Studying the transition zone of pay strata from electric logging data. N.N.Sokhranov. Prikl. geofiz. no.24: 159-189 '60.

Theoretical curves of electric sounding over the inclined contact of two media (inclined contact charts). N.G. Krolenko, G.D.TSekov. Prikl. geofiz. no.24:54-71 '60.

Theoretical principles of the production of an electromagnetic field. L.L.Van'ian. Prikl. geofiz. no.25: 66-95 '60.

Use of electric prospecting for rural water supply purposes. S.A.Ivanov. Gidr. i mel. 12 no.2·27-32 F '60.

ELECTRIC PROTECTION

Basic principles for designing arresters for antenna switches; survey . A.M.Starik. Radiotekh. i elektron. 5 no.7:1035-1051 Jl '60.

Contemporary circuits for longitudinal differential protection of electric transmission lines A.N Mattush Trudy Inst energ. AN BSSR no.10,98-103 '59.

Filtering devices using semiconductors for relay protection installations. N.I.Ovcharenko. Izv. vys. ucheb. zav.; energ. 3 no.6:21-27 Je '60.

High-speed differential relay protection using semiconductors. G.T.Grek. Elektrichestvo no.3:14-20 Mr '60.

More attention to spark gaps. D.G.Ashkinezer. Elek. i tepl. tiaga 4 no.4:24-25 '60.

Protection from internal overvoltages. M.M.Akodis. Izv. vys. ucheb. zav. ,energ. 3 no.5:1-14 My '60.

Transformer circuit for setting up protection of asynchronous motors from excess currents. G.A.Sapun. Izv. vys. ucheb. zav. ;energ. 3 no.5:60-64 My '60.

ELECTRIC RAILROADS

Are there any advantages in using weakened field conditions on electric sections. V.F.Baranov. Elek. i tepl. tiaga 4 no.2:6 F '60.

In the Board of the Ministry of Railroad Transportation. Elek. i tepl. tiaga 4 no.2:4-5 F '60.

Replies to the readers' questions. V.N.Gorn, I.I.Vlasov. Elek. i tepl. tiaga 4 no.4:44 '60.

ELECTRIC RAILROADS—BIBLIOGRAPHY see Bibliography—Electric railroads

ELECTRIC RAILROADS—BRAKES

Electropneumatic brakes for freight trains. N. A. Albegov. Elek. i tepl. tiaga 4 no. 2·39-41 F '60.

ELECTRIC RAILROADS—CONSTRUCTION

Machine with a hinged hoist for assembling operations in constructing electric railroads G. P. Tarakanov Transp stroi. 10 no. 3 20-21 Mr '60

ELECTRIC RAILROADS—CURRENT SUPPLY

Taking station tracks into account in the calculation of rail circuits. D. B. Lomazov. Elektrichestvo no. 3· 64 67 Mr '60.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLIES

Ways to reduce copper consumption on electrified railroads. I. I Vlasov. Vest. TSNII MPS 19 no. 2;9-14 '60.

ELECTRIC RAILROADS—ROLLING STOCK

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Rules for current repair, care and maintenance of electric sections] Pravila tekushchego remonta, ukhoda i soderzhaniia elektrosektsii. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 543 p.

ELECTRIC RAILROADS—SIGNALING

Switching-over of automatic block systems in the Moscow-Ryazan electrified district. M. I. Efremov, IU. V. Zykov. Avtom., telem. i sviaz' 4 no. 2;25-28 F '60.

ELECTRIC RAILROADS—SUBSTATIONS

Suppression of radio noise from the inverter installations of traction substations. IU. M. Abramson. Vest. elektroprom. 31 no. 3.58-59 Mr '60.

ELECTRIC RAILROADS—TRAFFIC

Baranov, A. M., and others. [Organizing the train traffic on electrified lines] Organizatsiia dvizheniia poezdov na elektrifitsirovannykh liniiakh. Moskva, Vses. izdatel'sko-poligr ob"edinenie M-va putei soobshcheniia, 1960. 222 p.

ELECTRIC RAILROADS—WIRES AND WIRING

Kuchma, K. G., G. G. Markvardt, and V. N. Pupynin. [Protection of a contact network from short circuit currents] Zashchita ot tokov korotkogo zamykaniia v kontaktnoi seti. Pod obshchei red. G. G. Markvardta. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 258 p.

Vetrov, N. I. [Handbook for foremen and brigade leaders of the railroad contact network] Spravochnik mastera i brigadira kontaktnoi seti zheleznykh dorog. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 202 p.

ELECTRIC RAILWAY MOTORS

"Is it profitable to use weakened field conditions on electric sections?" A. V. Bychkovskii. Elek. i tepl. tiaga 4 no. 4·18-19 '60.

Textolite washers for brush holders. A. A. Shkol'nikov. Elek. i tepl. tiaga 4 no. 2 9 F '60.

ELECTRIC RELAYS

About V. P. Bukhgol'ts and P. S. Perevosov's article "Leakage relay with automatic voltage supply." (Bezopasnost' truda v promyshlennosti, no. 6, 1959). Kh. M. Zheltkhovskii. Bezop. truda v prom. 4 no. 3:17-18 '60.

Calculation of a transistor relay. S. V. Kulikov. Radiotekhnika 15 no. 4 73-80 Ap '60.

Determining the periodical movements of a class of relay systems of noncontinuous control. IU. I. Alimov. Nauch. dokl. vys. shkoly; fiz.-mat. nauki no. 3;03-06 '59.

Effect of ambient temperature on the overheating of the windings and the heat transfer coefficient of a relay' [with summary in English]. M I. Vitenberg Avtom i telem 21 no. 3 384-392 Mr '60.

Foreign patents Elektrosviaz' 14 no 3 74-75 Mr '60

High-speed differential relay protection using semiconductors. G. T. Grek. Elektrichestvo no. 3:14-20 Mr '60.

Methods of designing efficient code relays. S. U. Vonzerul'. Avtom., telem. i sviaz' 4 no. 4.13-14 Ap '60.

New grounding relay circuit on diesel locomotives. A. A. Budnitskii. Elek. i tepl. tiaga 4 no. 2;25 F '60.

ELECTRIC RESISTORS

Calculation of a nonsymmetrical attenuator M E Kotenko. Avtom, telem. i sviaz' 4 no 3 34-35 Mr '60.

Controlled nonlinear semiconductor resistances. O. M. Kudriavtsev, V. I. Pruzhinina. Radiotekh. i elektron. 5 no. 6;1006-1008 Je '60.

ELECTRIC RESONATORS

Free electromagnetic oscillations of a spherical cavity containing a small magnetized ferrite ball in its center. A. A. Pistol'kors, Siui IAn'-shen. Radiotekh. i elektron. 5 no. 7:1085-1091 Jl '60.

ELECTRIC SHOCK

Protection from electrical shock [with summary in English] V A Bun'ko, V. A. Podol's'kyi Dop. AN URSR no 2 181-183 '60

ELECTRIC SPARK

Condensed spark as a source of light for the spectrum analysis of smelted metals. L. E. Vvedenskii, V I Shekhobalova Trudy MATI no. 41 76-85 '59.

"Electrom." B. Lazarenko Tekh. mol. 28 no. 2·8-9 '60.

ELECTRIC SUBSTATIONS

Baptidanov, L. N., and V. I. Tarasov. [Electric equipment of electric power plants and substations in two volumes] Elektrooborudovanie elektricheskikh stantsii i podstantsii v dvukh tomakh. Moskva, Gos. energ. izd-vo.

Vol. 1. [Basic electric equipment of electric power plants and substations] Osnovnoe elektrooborudovanie elektricheskikh stantsii i podstantsii. Izd. 3., perer. 1960. 408 p.

Great possibilities for increasing labor productivity and improving the safety of working conditions. V IA. Dikun. Prom energ. 15 no. 3 31-32 Mr '60.

Nauchne [illegible] opyta tatsii 1958. 400 kv. systems, materials of the Scientific Conference on the Generalization of Experience in the Design, Manufacture, Erection, and Operation of Electric Transmission Lines and Substations] Linii elektroperedachi i podstantsii 400 kv; materialy. Kuibyshev, Orgenergostroi, 1959. 187 p.

ELECTRIC SWITCHGEAR

Automatic switch for transformers P. Mel'nik Avt transp 38 no 2 54-55 F '60

Automating the switching on and off of electric welding transformers Rats i izobr predl v stroi no 14 91-96 '60

Main circuit switch for single unit circuit of a reversible ionic electric drive. V. S. Smertin. Prom. energ 15 no. 3.30-31 Mr '60.

The VV-500 air switch for 500 kv voltage. R. E. Rotbliut. Biul. tekh.-ekon. inform. no. 3·29-31 '60.

ELECTRIC TRANSFORMERS

(see also subdivision under Germany, West, Hungary, Zaporozh'ye)

Calculating the no-load operational errors of shunt-type transformers. V. I. Novash. Izv. vys. ucheb. zav.; energ. 3 no. 6·30-36 Je '60.

Complex error of three-phase voltage transformers V I Novash Trudy Inst energ AN BSSR no 10 104-121 '59

DT-0, 2-500 and DT-0, 6-500 small-sized choke transformers. Avtom., telem. i sviaz' 4 no. 3 42 Mr '60.

Determining losses of power in triple-wound transformers. I. D. Kutiavin. Izv. vys. ucheb. zav., energ. 3 no. 5;44-45 My '60.

Determining the optimum dimensions of a transformer. P. Kiul'ovskii, Kh. Kukushev. Elekstrichestvo no. 3: 43-48 Mr '60.

Effect of magnetizing current on the resistance of a choke transformer. E. D Krumin Avtom, telem i sviaz' 4 no 3 28-29 Mr '60.

Letter to the editor L P. Derechinskii. Radiotekhnika 15 no 3 65-66 Mr '60

New type of current transformer for a low-oil-content circuit breaker (from "Power apparatus and systems," no. 4, 1956). IA. V Kalinin. Energokhoz. za rub. no. 5·13-14 S-O '57.

OS-1, 2 portable dry transformer. IU. V. Grigor'ev, TS. O. Berdichevskii. Avtom, telem. i sviaz' 4 no. 4: 28-29 Ap '60.

Oil level marks on the expander of a transformer. S. V. Alekseev. Energetik 8 no. 3.30 Mr '60.

Standard transformer points in 6 to 10 kv. systems for municipal nets. Prom. energ. 15 no. 3·52-55 Mr '60.

Time between the repairs of transformers can be increased. A. K. Platonov. Elek. i tepl. tiaga 4 no. 2· 14-15 F '60.

Transformer circuit for setting up protection of asynchronous motors from excess currents. G. A. Sapun. Izv. vys. ucheb. zav.; energ. 3 no 5 60-64 My '60

Transformer with constant output voltage. D. S. Krivozub Prom energ. 15 no. 3·50 Mr '60.

ELECTRIC UNITS

Necessity of expressing the advantages of the MKSA more clearly. Comparative advantages of different unit systems. G. P. Abramovich, L. A. Sena. Elektrichestvo no. 3·88-89 Mr '60.

ELECTRIC UTILITIES see subdivision under Kiev, Moscow

ELECTRIC VALVES see Electric current rectifiers

ELECTRIC WAVES—MEASUREMENT

Measuring the reflection factor of dielectric specimens in a free space. D. I. Mirovitskii. Izm. tekh. no. 2·39-44 F '60.

ELECTRIC WELDING

(see also subdivision under Ukraine)

Automatic welding at the Tashkent Excavator Plant L A. Ignatov, IA G. Sutin Stroi i dor. mashinostr 5 no. 3 32-33 Mr '60.

Built-up welding under flux by means of a weaving arc. V B Shliapin and others Svar proizv no 2 24-26 F '60

Characteristics of metal transfer in welding with use of coated electrodes investigation by means of test rods A N Bykov, A A Erokhin. Svar proizv no. 2 9-12 F '60

Determining welding deformations in crane beams during manufacture. R. S. Florov, A. I Lur'e. Prom. stroi. 38 no. 3 55-57 '60.

Efficiency experts of the Khashuri section K M. Shevlidze Avtom, telem i sviaz' 4 no. 3 27 Mr '60.

"Electric arc welding" by D. G. Magnitskii. Reviewed by E A Ignatchenko. Mont i spets. rab v stroi 22 no. 3 32 Mr '60.

Electric slag welding of large shafts. L. Kh. Luchanskii. Mashinostroitel' no. 3·28-30 Mr '60.

Experience in welding and soldering aluminum parts at the "Serp i Molot" Plant in Kharkov. P. I. Zemskov, I. D. Pogorelov. Izv. vys. ucheb. zav., mashinostr. no. 7;89-95 '59.

Investigating properties of metals deposited by certain heat-resistant electrodes F I Pashukanis, A E Runov Svar proizv no 2 5-9 F '60

"The magic wand" of Vladimir Kulikov. I. Zaitsev. Smena 37 no. 5 16 Mr '60

New composition of a welding chromium-nickel-niobium austenitic wire Z I. Kopel'man-Serpukhova, V. V Ardentov, N P Komarova Svar proizv no. 2 27-29 F '60

Present state and ways of further developing welding techniques in the U S S R B E Paton Svar proizv. no 2 1-5 F '60

Problems in the automation of welding processes in automobile repair shops N Dotsenko Avt. transp 38 no 3 26-28 Mr '60

Properties of the arc in underwater welding T. I. Avilov Svar proizv no. 2 19-21 F '60.

Reconditioning the rotor of the AEG 4.5 mev., 3000 r. p. m. turbine. N. P Skvortsov. Energetik 8 no. 3 11-12 Mr '60.

Restoration of engine valves by automatic built-up welding in carbon dioxide IE I Lemachuk, O M Skrypkovs'kyi Mekh sil' hosp 11 no 3 22-23 Mr '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 22. [Welding] Svarochnye raboty. 1960. 79 p.

Selecting conditions for building up by the weaving arc method. V. G. Gevorkian, A. G Teplov. Mashinostroitel' no. 3·39 Mr '60.

Submerged arc welding of flanges in an atmosphere of carbon dioxide A I. Akulov, V. V Spitsyn Svar proizv. no 2 31-32 F '60

Using argon-arc welding in electric-wiring operations. V. I. Boichenko. Mont. i spets. rab. v stroi. 22 no. 3. 8-10 Mr '60.

Welders appreciate such a tool. A. Iniakin. Izobr. i rats. no 4 31 Ap '60.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Chvertko, A. I. [Equipment for the use of flux in automatic and semiautomatic welding] Fliusovaia apparatura dlia avtomaticheskoi i poluavtomaticheskoi svarki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 152 p.

Equipment for automatic built-up welding of freight car bolster plates. IU. G Chursin Svar. proizv. no. 2 37-38 F '60.

New methods for welding construction elements. G. A. Nikolaev. Izv ASiA no 3:70-78 '59

ELECTRIC WELDING—TESTING

Effect of the ultrasonic field on the structure and crack formation of the weld metal in arc welding. L. L. Silin. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 3:39-43 My-Je '60.

Method of quantitative analysis of the tendency of weld joints to form cold cracks B A Kolodnaia. Svar. proizv. no. 2 12-15 F '60.

ELECTRIC WIRE

Conference on the manufacture of aluminum winding wire and its use in the manufacture of electric machines, transformers, and apparatus. K. N. Volkova. Vest. elektroprom. 31 no. 2:78-80 F '60.

Connecting aluminum wires to an electric meter. N. G. Vostrokmutov. Energetik 8 no. 3·39 Mr '60.

ELECTRIC WIRING

Installing the electric equipment of automatic machine-tool lines IU N. Ivenskii, A G Tuller Stan. i instr 31 no. 4 29-31 Ap '60

ELECTRIC WIRING (Continued)

Review of F.I.Kratov's book "How to select the wire and cable size." B.N.Klein. Prom energ 15 no 4 51 Ap '60

Riabikin, B. P. [Concealed electric wiring] Skrytye elektroprovodki. Moskva, Gos.energ izd-vo, 1959 38 p. (Biblioteka elektromontera, no. 9)

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos izd-vo lit-ry po stroit., arkhit i stroit. materialam

Sbornik 23 [Electric-wiring operations] Elektromontazhnye raboty.
No. 1. [Electric lighting and strong-current wiring] Elektricheskoe osveshchenie i provodki sil'nogo toka 1960. 45 p.

Sealing off ends of hookup wires. A.N.Bol'shakov. Mashinostroitel' no 3 23 Mr '60.

Using argon-arc welding in electric-wiring operations. V I Borchenko. Mont.i spets.rab.v stroi 22 no.3 8-10 Mr '60

ELECTRIC WIRING, INTERIOR

Electric wiring in steam tunnels. I N Orekhov, A.I. Lidovich. Energetik 8 no.3 17 Mr '60.

Installing main cables of the interior electric wiring without using pipes during the construction of buildings. Rats.i izobr.predl.v stroi. no.13 118-120 '59.

ELECTRICITY

Bykov, A. P. [Development of the science pertaining to electricity and electrification in the U.S.S.R.] Razvitie nauki ob elektrichestve i elektrifikatsiia SSSR Moskva, M-vo putei soobshcheniia Vses zaochnyi in-t inzhenerov zhel-dor transporta,1959 57 p

Moskovskoe raionnoe upravlenie energeticheskogo khoziaistva Moscow. [What must be known about using electric power in the household] Chto nado znat' o pol'zovanii elektroenergiei v bytu. Moskva, Gos. energ. izd-vo, 1959. 94 p.

Voyage to the "Land of PT" (conclusion). G.Babat. IUn. tekh. 4 no. 3 33-35 Mr '60.

ELECTRICITY, ATMOSPHERIC see Atmospheric electricity

ELECTRICITY, INJURIES FROM

Dangers of electric shock during varying operating conditions. E.F.TSapenko. Vest.elektroprom 31 no.2: 73-76 F '60.

ELECTRICITY IN AGRICULTURE

(see also subdivision under Sverdlovsk Province)

Electrification of agriculture in the seven-year plan I Ryzhenko Plan.khoz. 37 no 6,53-61 Je '60

Lototskii, K.V., and I.V.Petrov. [Practical manual on electrical engineering and on the application of electricity in agriculture] Praktikum po elektrotekhnike i primeneniiu elektricheskoi energii v sel'skom khoziaistve. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 163 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

Problems of the over-all mechanization and electrification of agriculture N. Aparin, N. Perekalina, T. Khaletskaia. Vest. Mosk un. Ser. 8 Ekon. filos. 15 no. 3 93-97 My-Je '60.

Rudakov, V.V., A.A.Dartau, and V.A.Prozorov. [Operation of electric motors for farm equipment] Ekspluatatsiia elektricheskikh mashin sel'skikh ustanovok. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 200 p.

ELECTRICITY IN MINING

Magnetic VM2N-type switch operating as pick-up and cutout. A T Kniazev. Ugol' Ukr 4 no. 2:31 F '60

Protection from contacts to ground in high-voltage nets of coal mines. V.M.Mogilevskii. Prom.energ. 15 no.4 22-25 Ap '60.

Regulations pertaining to the installation of electric equipment for the coal industry. L.N.Kutovoi. Prom.energ. 15 no.3:41-42 Mr '60.

Terminal inductance for the induction method of determining the damage area of the power cable. V A. Podol'skii. Ugol' Ukr. 4 no.3:42-44 Mr '60.

ELECTRICITY IN MINING—EQUIPMENT AND SUPPLIES

Leibov, R.M., ed. [Underground electric equipment in foreign countries] Podzemnoe elektrooborudovanie za rubezhom, sbornik statei. Moskva, Ugletekhizdat, 1959. 307 p.

ELECTRICITY IN MINING—SAFETY MEASURES

Protection against short-circuit currents in electric haulage systems. M.M.Khaesh. Ugol' Ukr 4 no 2:21-22 F '60

Sparkproof mine telephone apparatus without transformers. M.A.Rol'nik. Ugol' Ukr. 4 no.2:27-28 F '60.

ELECTRIFICATION

(see also subdivision under Siberia)

Bykov, A. P. [Development of the science pertaining to electricity and electrification in the U.S.S.R.] Razvitie nauki ob elektrichestve i elektrifikatsiia SSSR. Moskva, M-vo putei soobshcheniia Vses zaochnyi in-t inzhenerov zhel-dor.transporta, 1959. 57 p

Communism is Soviet power plus electrification of the whole country. I.Syromiatnikov. NTO 2 no.4:7-9 Ap '60

Dates significant for Lenin's plan for electrification. Gidr.stroi 29 no.3:63 Mr '60

"Electrification of the U S S R. during the development of communism" by V IU Steklov. Priroda no.6 121 Je '60

The first village community which, with Lenin's encouragement, introduced electrification into its economy S G Vultakh I IA Rivin Vest sviazi 20 no 3 28-30 Mr '60

Improving the training of specialists in the electrification of industrial plants. V.V.Artamonov, A A Fedorov, M I. Kiselev. Prom energ 15 no.3:58-59 Mr '60.

Lenin's electrification plan in action. Zhel-dor. transp. 42 no. 4,p 32a-32d Ap '60

On the road pointed out by the great Lenin. M.V.Parishkov, T I.Margulis. Elek.i tepl.tiaga 4 no.4:1-8 '60.

Problems in the over-all electrification of the Soviet Union Vest AN SSSR 30 no 6 130-132 Je '60

V.I. Lenin and regional basis of the State Electrification Plan. V.A.Perevalov. Izv.Vses.geog.ob-va 92 no 3 197-204 My-Je '60

ELECTROCARDIOGRAPHY

Electrocardiographic changes in trichinosis A V IUshko Zdrav Belor 3 no.10 42-44 O '57

Electrocardiographic observations of patients with typhoid fever during treatment B.M Rozenman Zdrav Belor. 6 no.2 34-37 F '60

Home-made electrodynamic microphone attachment to the vector electrocardioscope for phonocardiography IU L.Asin. Vrach.delo no.2 185-186 F '60.

Tartakovskii, M.B. [Unipolar electrocardiography] Odnopoliusnaia elektrokardiografiia. [Leningrad] Medgiz, 1958. 333 p.
(DNLM)

We suggest P.A.Kobzarev. Nauka i zhizn' 27 no.2: 70 F '60.

ELECTROCHEMISTRY

Activation energy of the contact reduction of copper in solution by powdered nickel B V Drozdov Zhur prikl khim 33 no 3 633-635 Mr '60.

ELECTRODES

Determination of active oxygen in charged metalloceramic nickel electrodes. I.S.Mustafin N.S.Trumina. Zav. lab. 26 no 4:410-412 '60

Factors affecting the destruction of tungsten anodes at a heavy current discharge in xenon. R.E.Rovinskii, IU.M.Nikitenko. Radiotekh.i elektron. 5 no.6:991-1000 Je '60.

Mechanism of the formation of erosion tracks on electrodes in pulse discharges. I.G.Nekrashevich, I.A. Bakuto. Dokl AN BSSR 4 no.1:7-10 J '60.

Oscillographic polarographic system with an amalgamated silver electrode E.M.Skobets, V.I.Shapoval. Zav.lab 26 no.3:278-282 '60

Particular case of current distribution in an electrolyte. V V.Bondar'. Soob.Prim.otd.VKHO no.3:197-200 '57.

ELECTRODES, PLATINUM

Automatic high-resistance polarography on a vibrating platinum electrode V.M.Leont'ev, N.A.Fedotov Zav.lab 26 no 3:276-278 '60

ELECTRODIALYSIS

Apparatus for the continuous dialysis of ferments in solutions. K.P.Stepanishchev, M.S.Shul'man. Spirt. prom. 26 no.1:5-9 '60.

ELECTROENCEPHALOGRAPHY

Electroencephalographic changes in chronic alcoholic intoxication. O G Vilenskii Vrach.delo no 3 271-273 Mr '60.

Letters to the editors. I.Toporkov, L.TSiganek. Zhur. nevr.i psikh. 60 no.1:124-125 '60.

Use of electroencephalography in general anesthesia. B.V.Petrovskii and others. Med.prom. 14 no.6:14-21 Je '60.

ELECTROENDOSMOSIS see Electroosmosis

ELECTROLYSIS

Changes in the electric resistance of metals during electrolytic saturation with hydrogen. V.V Kuznetsov, V A Frolov Zhur prikl khim 33 no 3 628-632 Mr '60.

Decreasing the distance between electrodes in electrolyzers. G.V.Paletskii and others. Prom.energ. 15 no.3 20 Mr '60.

Particular case of current distribution in an electrolyte. V.V.Bondar'. Soob.Prim otd.VKHO no.3:197-200 '57.

Relation between voltages in electrolyzers with similar electric fields N P.Gnusin Zhur prikl khim. 33 no 3 613-615 Mr '60.

ELECTROLYTES

Determination of traces of electrolytes in silicon organic liquids. L.M.Shil'man, S.L.Lel'chuk, V.A.Zarinskii. Plast.massy no.2:26-28 '60.

Effect of electrolytes on the stability of fuel oil emulsion. P.R.Taube, Z.P.Khaistova. Izv.vys.ucheb.zav., neft' i gaz 3 no.2:95-98 '60.

Experimental verfication of an electrochemical method of removing impurities from electrolytes A.L.Rotinian G S Semikozov Zhur prikl khim 33 no 3 622-627 Mr '60.

Methods for analyzing nickel bath electrolytes. V.S.Parchevskii, T.I.Khakharina. Poligr.proizv. no.2:23-24 F '60.

Oscillographic modelling of electric fields in electrolytes. N P Gnusin, Zhur prikl khim 33 no 3 616-622 Mr '60

ELECTROLYTES—CONDUCTIVITY

Dependence of the electric conductivity minimum on the dielectric constant of the medium A.M.Shkodin. Izv. vys.ucheb.zav.,khim.i khim.tekh. 3 no.1:36-40 '60.

ELECTROLYTIC CORROSION

Causes of the pitting corrosion of zinc deposits in the presence of cobalt admixtures. A.F.Nikiforov, V.V. Stender. Izv.vys.ucheb.zav.,khim.i khim.tekh. 3 no.1:162-165 '60.

Current-voltage method of studying crevice corrosion R.R.Salem. Zav lab 26 no 3:291-293 '60

ELECTROLYTIC POLISHING

Apparatus for the direct electrolytic polishing and etching of microsections on parts. N.N.Popova. V.A.Malyshenko Zav.lab. 26 no.3 367-368 '60

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC WAVES

Amplitude and phase fluctuations of a wave propagated in an inhomogeneous absorbing medium N G Denisov, L N Polianin Izv.vys.ucheb.zav., radiofiz. 2 no 6 1010-1012 '59

Electric conductivity of ferromagnetic metals in radio frequency fields. P.S.Zyrianov, T.G.Izmunova, G.V.Skrotskii. Fiz.met i metalloved 8 no.6 801-806 D '59

Experimental investigation of the propagation of electromagnetic waves along a cylinder of ionized gas. V.I.Zimina, Radiotekh.i elektron. 5 no.6 938-942 Je '60.

Interaction of electromagnetic waves in a plasma Part 2 V V Zhelezniakov Izv.vys ucheb zav, radiofiz 2 no 6 858-868 '59

Phase and amplitude control of an electromagnetic wave in a wave guide by means of a germanium plate. N V Aleksandrov and others Izv vys ucheb zav, radiofiz 2 no.6 911-914 '59.

Radiation of ferrimagnetic systems V.M.Fain Izv. vys ucheb zav, radiofiz. 2 no 6 876-883 '59

Theory of a multiconductor transmission line consisting of a system of variable phase conductors on the surface of a circular cylinder. L.N.Loshakov. Radiotekh.i elektron. 5 no.7 1082-1090 Jl '60.

Use of ultrasonic waves in the creation of alternating fields and periodic structures I M.Vigdorchik Izv vys.ucheb zav, radiofiz 2 no.6 1016-1017 '59.

ELECTROMAGNETS

Dynamics of an electromagnetic control element [with summary in English]. I.E.Dekabrun, N.P.Kozlov, I.M.Krassov. Avtom.i telem. 21 no.4 500-512 Ap '60.

Effect of coating on the properties of a ribbon magnetic circuit. E I.Kissel'. Vest.elektroprom. 31 no.3:47-50 Mr '60.

Electromagnet for physicochemical investigations. I M Puzei, P.G Sabinin Prib.i tekh eksp. no.1:104-109 Ja-F '60

Generalization on conditions of proportion in electromagnetic systems [with summary in English] A S Tulin Avtom i telem. 21 no 3 374-383 Mr '60

Improving the pull of a.c. electromagnets. P.M.Vaisburd. Elektrichestvo no.3:82-83 Mr '60.

ELECTROMECHANICAL ANALOGIES

"Analog methods computation and simulation" [in English] by W.J Karplus, W W Soroka. Reviewed by O V Luzhin Stroi mekh.i rasch soor. 2 no.3 3 of cover '60

Compensation circuits for converting voltages to digital codes. K.A.Netrebenko. Priborostroenie no.4:1-5 Ap '60.

ELECTROMETALLURGY

Arrangement of copper-aluminum crossovers in the bus bars of electrolytic cells. L.I.Andianov and others. Prom.energ. 15 no.4:17 Ap '60.

Means for lowering the consumption of electric power in electrolysis sections of nonferrous metal plants. A.I.Levin. Prom.energ. 15 no.4 9-11 Ap '60.

ELECTROMETER

Recording electrometer based on the EPP-09 electron potentiometer I.S.Abramson, L.F.Maliavkin. Prib i tekh.eksp. no.1:95-98 Ja-F '60.

ELECTRON BEAMS

Equation for paraxial optics of electron beams with a high current density. B.T.Kormilitsin, V.T.Ovcharov. Radiotekh.i elektron. 5 no.7:1112-1117 Jl '60.

Measuring the transit time of electrons in photomultipliers V M.Gorbachev, L.D.Usenko, N.A.Uvarov Prib.i tekh.eksp. no.1 69-73 Ja-F '60.

ELECTRON DIFFRACTION EXAMINATION

Electronographic investigations of carbide formation in alloyed steels. S. S. D'iachenko, I. A Vasis, N. A. Kharchenko. Fiz. met i metalloved. 9 no 3·441-446 Mr '60.

ELECTRON EMISSION

Studying the electrostatic emission of electrons (EEE) from a tungsten emitter in a pulse system. I. I. Gofman, O D. Protopopov, G. N. Shuppe. Izv. AN Uz. SSR Ser fiz-mat. nauk no. 6:72-77 '59.

ELECTRON MICROSCOPY

Investigation by electron microscopy of structural transformations in titanium-manganese and titanium-chromium alloys. R. M. Lerinman and others Fiz met i metalloved 9 no. 3 437-440 Mr '60

Preparing impressions for electron microscopic examination N. S. Alferova, A. I. Rizol', V. P. Konovalov Zav. lab 26 no 3·312-313 '60

ELECTRON OPTICS

Calculation of radio lenses having a constant angle of refraction. IU. B. Molochkov. Radiotekh. i elektron 5 no. 6 913-917 Je '60.

Electronic circuit for high-speed framing photography of pulse discharges by means of electron optical image converters V. A. Simonov, G P Kutukov Usp. nauch fot 6 90 '59

Electron optical image converter for the study of ultra-high-speed processes M M Butslov. Usp nauch fot 6 76-83 '59

Electron optical method of the photography of ultrahigh-speed processes. M. M Butslov and others. Usp nauch. fot. 6 64-83 '59

Equation for paraxial optics of electron beams with a high current density. B. T. Kormilitsin, V. T. Ovcharov Radiotekh i elektron. 5 no. 7·1112-1117 Jl '60

Ultrahigh-speed photographic recording apparatus V B Lazenko. Usp nauch fot 6 131-138 '59

ELECTRON TUBES

Design of a demountable microfocus X-ray tube with a variable focus B. K. Lemazhikhin, L. A Lebedev Prib i tekh eksp no 1 136-138 Ja-F '60

Effect of amplitude characteristics of an electron differentiator on the calculation of the derivative. L. IA Il'iatskii Izv vys ucheb. zav , radiotekh 2 no 6 749-737 N-D '59

Levitin, E. A. [Electron tubes] Elektronnye lampy. Pod red L V Kubarkina Izd 2., perer i dop. Moskva, Gos energ izd-vo, 1960 134 p (Massovaia radiobiblioteka, no 368)

Stabilizer of the d c filament power supply of tubes A. F. Drapskikh Prib i tekh eksp no 1 100-101 Ja-F '60

Use of synthetic mica in electron tubes which are processed at high bake-out temperatures. K. R. Rassel. Radiotekh i elektron, 5 no. 7·1184-1185 Jl '60.

LECTRONIC ANALOG COMPUTERS

Analyzer of instantaneous values of stochastic signals Prib. i tekh eksp, no 1 152 Ja-F '60

Electronic unit for voltage multiplication. IU, M, Abdeev, F G, Lamonova, Priborostroenie no. 3·4 Mr '60.

ESIU-8 electronic analog unit Avtom i telem 21 no 3 423 430 Mr '60

The KA-1 correlation analyzer for the 20 the 10,000 cycle frequency range Prib i tekh eksp no 1 155 Ja-F '60

ELECTRONIC APPARATUS AND APPLIANCES

Calculation of average trouble-free operating time of electronic apparatus. M. A. Sinitsa. Radiotekhnika 15 no 3 58-65 Mr '60

Electronic correlator for ionospheric measurements. T. A. Gailit, V. D. Gusev, Mezhdunar. geofiz. god no. 8 41-46 '60

Electronic devices. S. Sobolev Radio no 3 17 Mr '60

Electronics aids safety. N. Ovcharenko Okhr truda i sots. strakh. 3 no. 4·68 Ap '60.

In the world of radio electronics A Plonskii Agitator no. 13 18-22 Jl '60

Printing apparatus of superhigh speed I. P. Paderno Avtom , telem. i sviaz' 4 no 3 48 Mr '60

LECTRONIC CALCULATING MACHINES

(see also subdivision under Kiev)

All-Union conference on computer mathematics and computer technology. Vest. AN Kazakh SSR 16 no. 2·104 F '60.

Designing pulse shapers for computing engineering. A. A. Makarov, Vest. elektroprom. 31 no. 2;40-43 F '60.

Electronic machines in the service of trade. A. Akhmedov. Sov. torg. 33 no. 3;47-48 Mr '60.

Errors of an interpolating device for directing motion along a circumference [with summary in English] V V Karibskii Avtom i telem 21 no 3 317-322 Mr '60

High-speed scaler equipped with ring trochotrons Prib i tekh eksp. no 1 154 Ja-F '60.

Khodorov, I. IA [Electromechanical inductive calculating systems] Elektromekhanicheskie induktsionnye schetno-reshaiushchie ustroistva Leningrad, Gos soiuznoe izd-vo sudostroit promyshl , 1960 182 p

Organization at the Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S. S R of a group to study the use of computer equipment in the power systems of the Kiev Power Administration Dop AN URSR no 2 232 '60

Popov, B , and others. [Use of an electronic calculating machine in accounting and norms calculations] Primenenie elektronnogo vychislitelia v uchete i normativnykh raschetakh Moskva, Gosfinizdat 1960 95 p

"Setun'." L. Agaian. NTO 2 no. 3·25 Mr '60

Superhigh-frequency intermittent automatic calculating equipment M S Neiman Radiotekhnika 15 no 3 7-12 Mr '60

Use of electronic calculating machines in geodetic computations. T. F. Aleksandrov. Izv. vys. ucheb. zav. geod i aerof no. 1 79-87 '60.

Use of electronic computers in chemical technology. V. M. Platonov, B. G. Bergo. Khim. prom. no 8·711-716 D '59.

Using electronic computers for studying transient processes in electric systems. I. A. Gruzdev, M. I. Levinshtein. Elektrichestvo no. 3·2-14 Mr '60.

Using electronic computers in plotting analytic theories of the motion of stars [with summary in German] N G Polozova Biul Inst teor astron 7 no 8 599-638 '60

Using calculating machines in computing the non-uniform flow in tailraces of hydroelectric power stations V. I Obrezkov, Gidr. stroi. 29 no 3,32-36 Mr '60

Using high-speed computers in solving the restricted problem of three bodies by the Hill-Brown method Part 2. Calculation of the right sides of nonhomogenous equations [with summary in English] V A Shor Biul Inst teor astron 7 no 8 639-675 '60

ELECTRONIC CIRCUITS

Coincidence circuits in nuclear physics, a survey A V Kutsenko, Prib i tekh eksp no. 1 3-16 Ja-F '60

ELECTRONIC CIRCUITS—NOISE

Probability distribution and entropy power of narrow-band noise with limited amplitude. L. M. Fink, N. I. Kovalev. Radiotekh. i elektron. 5 no. 7·1177-1179 Jl '60.

ELECTRONIC CONTROL

Automatic control of the diameters of ground studs. A. B. Frenkel'. Priborostroenie no 3 22 Mr '60.

Electronic optimalizing control. R. V. Kornilov. Priborostroenie no. 1 11-13 Ap '60

ELECTRONIC DIFFERENTIAL ANALYZERS

"Analog methods computation and simulation" [in English] by W J Karplus, W W Soroka Reviewed by O V Luzhin Stroi mekh i rasch soor 2 no 3 3 of cover '60

ELECTRONIC DIGITAL COMPUTERS

Algorithmic description of the music composing process R Kh Zaripov. Dokl AN SSSR 132 no 6 1283-1286 Je '60

ELECTRONIC INSTRUMENTS

Electric circuit of the "Kalibr-VEI" profilograph-profilometer. A. I. Botarov. Trudy Sem. po kach. poverkh. no. 1:181-192 '59

The ILP-2 instrument for noncontact measurement of linear displacements Prib i tekh eksp no 1 152 Ja-F '60

The ITS-1 measuring instrument V P Zav'ialov Biul tekh -ekon inform no 2 33-34 '60

The "Kalibr-VEI" induction profilograph-profilometer. IU. V. Kleimenov. Trudy Sem. po kach. poverkh. no. 4 177-183 '59.

Measuring small phase differences of two sinusoidal voltages. R G. Karpov Prib i tekh eksp no. 1 57-58 Ja-F '60.

Measuring the distribution of current density in the outer beam of a cyclotron V. M. Kirsanov, A F Linev, IU. M. Pustovoit. Prib i tekh. eksp no. 1 111-112 Ja-F '60

New method for measuring cutting forces on machines having reciprocating motion of cutting tools. G. S Kasrashvili, I. K. Petrov. Priborostroenie no. 4;22-23 Ap '60.

Single-rheochord rectangular-coordinate-type a. c. compensator. I. F. Kulikovskii, A. L. TSibei. Izm. tekh. no. 3;19-22 Mr '60.

Unit for combined thermal analysis Prib i tekh eksp. no 1 151 Ja-F '60

The UPINCh universal infralow-frequency instrument. N. S. Kurkina and others. Priborostroenie no. 3·14-16 Mr '60.

Using automatic measuring compensators with decade resistance boxes. M. B. Maizel' Priborostroenie no. 3·19-21 Mr '60.

ELECTRONIC MEASUREMENTS

Equipment for measuring y-parameters of transistors in the 2.5 - 15-mc range Prib i tekh eksp no 1 153-154 Ja-F '60

Farber, IU D [Measuring and tuning of multichannel symmetric multiplexed communication cables] Izmereniia i nastroika mnogokanal'nykh sistem uplotneniia simmetrichnykh kabelei sviazi Moskva, Gos izd-vo lit-ry po voprosam sviazi i radio, 1960 238 p.

FF-1 photometer and calibration of the intensity of light pulses by means of electron modulation of radiation receivers. I M. Gurevich Usp nauch fot 6 60-69 '59

ELECTRONIC MUSICAL INSTRUMENTS see Musical instruments, Electronic

ELECTRONIC TRANSLATING see Machine translating

ELECTRONICS

(see also subdivision under Ukraine)

New books Radiotekhnika 15 no 3 3 of cover Mr '60

[Special physics practicum] Spetsial'nyi fizicheskii praktikum [Moskva] Izd-vo Mosk univ

Vol 1 [Radio physics and electronics] Radiofizika i elektronika. Sost pod red G V Spivaka 1960 600 p

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS IN MEDICINE

Achievement in medical electronics. M. R. Pevzner. Med prom 14 no 6 59-60 Je '60.

Reliable helpers for a doctor N. Belenkov Radio no. 3 20 Mr '60

ELECTRONICS IN MILITARY ENGINEERING

Presnukhin, L. N., L A Serebrovskii, and D. B IUdin [Fundamentals of the theory and design of control devices] Osnovy teorii i proektirovaniia priborov upravleniia. Pod obshchei red. L N Presnukhina Moskva, Gos. nauchno-tekhn izd-vo Oborongiz, 1960 263 p.

ELECTRONS

Certain aspects of the electrostatic Van de Graaf electron generator E N Gagin, S E Grebenshchikov, V E Pisarev Izv vys ucheb zav ,fiz no 6 95-101 '59

Certain characteristics of the capture and acceleration of electrons in the betatron IU N Lobanov, N I Tulinova Izv vys ucheb zav ,fiz no 6 121-130 '59

Chemical changes in polyvinyl chloride subjected to ionizing radiation [with summary in English]. Z. S. Egorova and others. Vysokom. soed 2 no. 6;891-897 Je '60.

Design of a magnetic spectrometer for studying angular distribution of electrons. V V Mitrofanov, V V Smirnov Prib. i tekh eksp no 1 22-24 Ja-F '60

Determination of the electron concentration of the ionosphere from the rotation of the plane of polarization of radio waves emitted by rockets K I. Gringauz, V. A Rudakov Dokl AN SSSR 132 no. 6 1311-1313 Je '60

Investigating the process of continuous secondary electron intensification in a single-channel multiplier I V Sipr ikov Trudy Inst. met no 5,189-192 '60.

Investigation of the capture of electrons into acceleration in betatrons and synchrotrons P A Riazin, A B. Minervin Izv vys ucheb zav ,fiz no 6 112-123 '59

Measurement of energy loss of 70 kev electrons in gases by use of an electrostatic analizer. A. N. Kabanov, IU. M. Kushnir, L. N. Krutiakova. Radiotekh. i elektron. 5 no. 6:981-985 Je '60.

Measurement of the electron temperature and concentration in a mercury vapor discharge T. V. Vilenskaia A S. Makarova Izv vys ucheb zav. ,fiz. no 6·102-106 '59

Probe and optical methods of measuring the electron temperature and relative electron concentration. I I. Murav'ev. Izv. vys. ucheb zav. , fiz. no 6 71-75 '59

Raising the efficiency of electron capture into acceleration in a betatron IU M Akimov Izv vys ucheb zav fiz no 6 10-13 '59

Theory of electron capture into acceleration in a betatron. P. A Cherdantsev Izv vys. ucheb zav ,fiz no 6 177-178 '59.

ELECTRONS—SCATTERING

Description of electron - phonon interaction by Green's functions. A. N Voloshinskii. Nauch. dokl. vys. shkoly, fiz. -mat. nauki no. 3;126-131 '59.

Scattering of electrons by vibrations of the lattice. A. N. Voloshinskii Nauch. dokl. vys. shkoly; fiz. -mat. nauki no. 3;137-140 '59.

ELECTROOSMOSIS

Feasibility of electro-osmotic drainage of certain soils in the Lvov-Volyn coal basin. L. P. Zagoruiko. Ugol' Ukr 4 no 2 14-17 F '60.

ELECTROPHYSIOLOGY

Changes in the rest potential of the heart muscle in X-irradiated rats. E. N. Goncharenko Vest Mosk un Ser biol., pochv , geol , geog 14 no. 4·13-16 '59

Concerning L. M. Chailakhian's article "Modern concepts of the nature of the rest potential." A. S. Troshin. Biofizika 5 no. 1:94-98 '60.

Interation of dendrite potentials. V. M. Okudzhava. Soob AN Gruz SSR 23 no 5;587-592 N '59

ELECTROPHYSIOLOGY (Continued)

Modernization of apparatus for the electrostimulation of muscles. G. I. Kovlun, B. N. Kol'nikov. Med. prom. 14 no 6·51-53 Je '60.

Review of D. N. Nasonov's "Local protoplasm reaction and spreading excitation." V. N. Chernigovskii. Biofizika 5 no 1,105-106 '60.

Share of the cortex, the subcortex, and the retina in the act of human conditioned response reproduction of light rhythm [with summary in English]. E. N. Semenovskaia, A. I. Bogoslovskii, G. IA. Khvoles Vop. psikhol. 6 no 1:99-113 Ja-F '60.

Study of the bioelectric activity of the cerebral cortex in psychogenic hallucinations and in the hallucinations of schizophrenic patients. N. I. Smirnova. Probl. sud. psikh. 8:643-659 '59.

ELECTROPHYSIOLOGY—EQUIPMENT AND SUPPLIES

Two-barrel microelectrodes for intracellular leads of bio-potentials. S. I. Shapovalov. Biofizika 5 no. 1·79-80 '60.

ELECTROPLATING

Coppering and silvering of aluminum buses O N. Ivanchenko, A A. Kurilova, G D Kolomiichenko. Vest elektroprom. 31 no. 3 46-47 Mr '60

Odnoralov, N V. [Electroplating made interesting] Zanimatel'naia gal'vanotekhnika Moskva, Gos. uchebno-pedagog izd-vo M-va prosv RSFSR, 1960. 78 p

Overvoltage arising during the electrodeposition and solution of metals A. T. Vagramian, A P. Popkov. Izv. AN SSSR Otd. khim nauk no. 5 816-820 My '60.

Role of wetting in the electrodeposition of metals [with summary in English]. D. N. Hrytsan, D. S. Shun. Dop. AN URSR no. 1 64-68 '60.

Viacheslavov, P. M. [Principles of electroplating] Osnovy gal'vanotekhniki. [Leningrad] Lenizdat, 1960. 242 p. (V pomoshch' molodym rabochim)

ELECTROSTATICS

Properties of antistatic products (from "Reyon Zellwolle und Andere Chemiefasern"). V. T. Tishina Tekst. prom 20 no. 2,92 F '60.

ELECTROSURGERY

Treatment of precancerous conditions of the skin by the diathermosurgical method [in Azerbaijani with Russian summary]. I. M. Mamedov. Azerb. med. zhur. no. 3: 34-39 Mr '60.

Use of diathermocoagulation in the treatment of paradentosis. Report No. I. A. I. Marchenko. Probl. stom. 4:265-269 '58.

ELECTROTHERAPEUTICS

Influence of d'arsonvalization on the condition of the capillaries of the periodontium in paradentosis. S. I. Frankovskaia. Probl. stom. 4 251-256 '58.

Reaction of the cardiovascular system in brucellosis patients treated with ultrahigh-frequency electricity. Z. S Zakhar'ian. Med. zhur. Uzb no 7 24-28 Jl '58.

Use of an electrical field of ultrahigh-frequency in the treatment of suppurating forms of paradentosis. Z. M. Epel'beim, G. F. Leshchuk. Probl. stom. 4·275-278 '58.

ELECTROTHERAPEUTICS—APPARATUS AND INSTRUMENTS

Electric muscle-exerciser. B. N. Kol'nikov. Nauka i zhizn' 27 no. 2:67 F '60.

ELEKTROSTAL'—IRON AND STEEL WORKERS

Shoulder to shoulder. V. Razon. Mol. komm. no. 3 45-52 Mr '60.

ELEKTROSTAL'—MACHINERY INDUSTRY

A fifth worker joined the brigade. I. Volk. Smena 37 no. 4:6-7 F '60.

ELEMENTARY EDUCATION see Education, Elementary

ELEPHANTS

Elephants and microbes. V. Ovchinnikov, M. Zemskov. Ogonek 38 no. 12 31 Mr '60.

EL'KIN, DANIIL ISAAKOVICH, 1894-1960

Daniil Isaakovich El'kin. Gidroliz. i lesokhim prom. 13 no. 2:28 '60.

ELUARD, PAUL, 1895-1952

Eluard is becoming accessible to the Soviet reader ("Verse" by Paul Eluard. Reviewed by I. Dlushen). Inostr. lit. no. 1:240-247 Ja '60.

EMBANKMENTS

Constructing antilandslide structures in Gorkiy. V. Kostomarov. Zhil.-kom. khoz. 10 no. 4:17-19 '60.

EMBOLISM

Clinical aspects of fat embolism of the brain vessels. R. P. Poltoratskii Vrach delo no. 1:87 '60.

Pathomorphological changes in the lungs and heart in thromboembolus of the pulmonary artery. T. P. Vinentsova. Vrach. delo no. 1:35-38 '60.

Repeated paradoxical thromboembolism with obturation of the fenestra ovalis. V. L. Fastovskii. Vrach. delo no. 2:189-191 F '60.

EMBROIDERY (MACHINE)

Device for pinning on a design. G. Ivanov, V. Semenov. Prom. koop. 14 no. 4 27 Ap '60.

EMBROIDERY, UKRAINIAN see subdivision under Dnepropetrovsk

EMBRYOLOGY

Biosynthesis of ascorbic acid in the animal organism [with summary in English] R. S. Leppind Ukr biokhim. zhur. 32 no 3·418-426 '60.

Critical periods in development. B. V. Koniukhov. Trudy Inst morf. zhiv. no. 31·60-62 '60.

Plasticity and reactivity of the organism during the embryonic states of individual development. G. A. Shmidt. Trudy Inst. morf. zhiv. no. 31 16-25 '60.

Study of phase ontogenins, substances regulating embryonic development [with summary in English]. G. K. Rusev. Zhur. ob. biol. 21 no. 2;130-137 Mr-Ap '60.

EMBRYOLOGY—BIRDS

Development of chicks during incubation in connection with their methods of respiration and nutrition. M. N. Ragozina. Trudy Inst. morf. zhiv. no. 31·184-194 '60.

Effect of controlled external factors during the embryonic and postembryonic periods on the development and productivity of poultry. N. P Tret'iakov, T. A. Zaletaeva. Trudy Inst. morf. zhiv. no. 31:195-203 '60

EMBRYOLOGY—ECHINODERMATA

Studying the functions of nuclei in the development of the sea urchin Strongilocentrotus drobachiesis by the method of radiation inactivation A. A. Neifakh. Dokl AN SSSR 132 no 6 1458-1461 Je '60

EMBRYOLOGY—MAMMALS

Development of the embryonic sac in Karakul sheep. O. B. Shumkina. Trudy Inst. morf. zhiv. no. 31:124-133 '60.

Experimental investigation of morphogenetic properties of pigmentary epithelium in mammalian embryogenesis [with summary in English]. O. G. Stroeva Zhur. ob. biol. 21 no. 2,113-121 Mr-Ap '60.

EMPLOYEES, DISMISSAL OF

Control of the Factory and Plant Local Committees over the correct procedure for discussing employees and workers. IA Davidovich, A. Kliuev. Sov. profsoiuzy 16 no. 12 46-49 Je '60.

EMPLOYEES, TRAINING OF

Improving the qualifications of engineers and specialists A Lisin Avt transp 38 no 3 47-48 Mr '60

Ways to overcome fundamental differences between intellectual and manual work in the period of large-scale building of communism. O. Mamalui, O. Ruban. Ekon Rad. Ukr. no. 1·39-48 Ja-F '60.

EMPLOYEES' REPRESENTATION IN MANAGEMENT

Struggle for the utilization of hidden potentialities. A. S. Kravets. Tekst. prom. 20 no. 2:65-66 F '60.

EMPYEMA

Surgery for chronic pleural empyema E S. Korobkov. Zdrav Belor 6 no. 2 18-20 F '60

EMULSIFYING AGENTS

Effect of additions of emulsifiers to fatty acids on their properties of diffusion. N. I. Kozin, E. N Sitnikova Sbor. nauch. rab INKII no. 16;192-201 '59.

Emulsification of milk fat by means of emulsifying agents M. M. Kazanskii, G. V Tverdokhleb, V T. Silin'. Izv vys ucheb. zav ,pishch tekh no 1·64-70 '60.

Emulsifying properties of margarine-emulsifying agents. L IA. Kremnev, IU N. Artsutanov Izv. vys. ucheb zav., pishch. tekh no. 1 71-75 '60.

Emulsion polymerization of styrene in the presence of emulsifiers of various molecular weights [with summary in English] N IA Ivanova, A. I. IUrzhenko Koll zhur 22 no 1 37-41 Ja-F '60.

Possibility of using emulsifying agents in the flotation of coal slimes. N S. Vlasova, V. I. Klassen, I. N. Plaksin. Koks. i khim. no. 4 10-12 '60.

EMULSIONS

Effect of electrolytes on the stability of fuel oil emulsion P. R. Taube, Z. P. Khaistova. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2,95-98 '60.

Investigating the kinetics of dewatering of emulsions. N A. Petrov, L. E. Chernenko, V. E. Markovich. Izv. vys. ucheb zav.; pishch tekh. no. 1 99-103 '60.

New method for removing water from petroleum. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2·52 '60.

New types of demulsifiers. A. S. Smirnov. Khim. i tekh. topl. i masel 5 no. 3:72 Mr '60.

Nonionogenic surface-active agents as demulsifiers for petroleum emulsions. D. N. Levchenko and others. Khim. i tekh topl. i masel 5 no. 4:24-29 Ap '60.

Separating water from oil on well bottoms. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2·62 '60.

Utilization of heavy petroleum residues and tars in the form of fuel emulsions for burning and gasification. V. M Ivanov and others. Trudy IGI 11:156-168 '59.

ENAMEL AND ENAMELING

Enamels from Usol'ye. N. G. Platonova. Pam. kul't. no. 28:49-70 '59.

Glasses of the system K_2O - PbO - Al_2O_3- B_2O_3- P_2O_5 as a base for enamels on aluminum. M. A. Bezborodov, L. G. Khodskii. Dokl. AN BSSR 4 no. 3·116-119 Mr '60.

Mechanizing barrel enameling. D. F. Bachurin. Der. prom. 9 no. 3;23 Mr '60.

Studying some types of LiNaPbSiO glass as a base for enamel on aluminum. M. A. Bezbarodau, T. L. Rzhevuskaia. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 1,57-61 '60.

ENAMEL AND ENAMELING—TESTING

Tests of pigmented lacquer films for resistance to impact. L. S. Bobkov. Zav. lab. 26 no. 4,489-490 '60.

ENAMEL AND ENAMELING, DENTAL

Tartness or hyperesthesia? E M. Lebedeva Zdorov'e 6 no 5 31 My '60

ENAMELED WARE see subdivision under Zaporozh'ye

ENCEPHALITIS

(see also subdivision under Leningrad Province; Maritime Territory)

Experimental study of tissue vaccine for prevention of tick-borne encephalitis [with summary in English] A. K. Shubladze, E. N. Bychkova. Zhur. mikrobiol. epid. i immun. 31 no. 2,8-13 F '60.

Problem of alimentary tick-borne encephalitis and measures for preventing it E. N. Levkovich, V V. Pogodina. Vest. AMN SSSR 14 no 10 7-13 '59

Tissue culture vaccines against tick-borne encephalitis. G. D. Zasukhina, E. N. Levkovich. Vest. AMN SSSR 15 no. 1;53-57 '60

ENCEPHALOMYELITIS

Drogichina, E. A. [Toxic polyneuritis and encephalomyelitis] Toksicheskie polinevrity i entsefalomielopolinevrity. Moskva, Gos. izd-vo med lit-ry, 1959. 251 p
(DNLM)

Virus of acute encephalomyelitis (OEM) in man and its relation to multiple sclerosis. A K. Shubladze and others. Vest. AMN SSSR 14 no 10 13-17 '59.

ENCHONDROMA

Case of giant malignant enchondroma of the sternum. L. P. Kiseleva, D. P. Pozdniakov. Vest. rent. i rad. 35 no. 1: 67-68 Ja-F '60.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

First volume of the Ukrainian encyclopedia Ukraina no 5 8 Mr '60

ENDOCARDITIS

"Diagnosis and treatment of protracted septic endocarditis" [in Ukrainian] by I. P. Lerner. Reviewed by M. A. IAsinovskii Vrach. delo no. 1·101 '60.

Globulin fractions of blood serum in various forms of endocarditis and in circulatory insufficiency. A. A. Aizenberg, E. A. Bordakina. Mat. po obm. nauch. inform no 2;5-9 '58

Morphological changes in the auricles in protracted septic endocarditis. A. S. Nalbat. Vrach delo no. 1;29-32 '60.

Oxidation processes in various forms of endocarditis. G. I. Voznesenskaia. Mat. po obm. nauch inform. no 2; 11-16 '58.

Pathogenetic and clinical unity of rheumatic and subacute septic endocarditis. A. N. Gorskii. Mat. po obm. nauch. inform. no. 2;23-29 '58.

Reticuloendothelial system in various forms of endocarditis as shown by blood and bone marrow sampling. M. A. Chepeleva. Mat. po obm. nauch. inform. no. 2; 223-228 '58.

Some regularities in the disturbance of gas exchange in endocarditis and circulatory insufficiency. G. M. Povolotskaia Mat. po obm. nauch. inform. no. 2;105-111 '58.

Vascular reaction changes under the influence of oxygen therapy. IA. S. Lashchinskaia. Mat. po obm. nauch. inform. no. 2;63-77 '58.

ENDOCRINE GLANDS

Endocrine character of the anovular sexual cycle. E. I. Smirnova. Uch. zap. 2-go MGMI 16;164-174 '58.

ENDOSPERM

Changes in the ash content of the endosperm during hydrothermal treatment of wheat grain. E. D. Kazakov, I. A. Sakharova. Dokl. AN SSSR 132 no. 6:1436-1440 Je '60.

ENGELS, FRIEDRICH, 1820-1895

Unfading ideas ("Works" by K. Marx and F. Engels. Vol. 14. Reviewed by M. Gil'man). Part. zhizn' Kazakh. 30 no. 3·68-73 Mr '60.

ENGINEERING—PERIODICALS

(see also subdivision under Czechoslovakia)

Conferences of readers of the periodical in 1959. S. M. Levitina. Mekh. i avtom proizv. 14 no. 3 48-49 Mr '60.

Readers advise, suggest. Izobr. i rats. no. 4:63 Ap '60.

ENGINEERING, HYDRAULIC see Hydraulic engineering

ENGINEERING, SANITARY see Sanitary engineering

ENGINEERING INSTRUMENTS
[illegible] used in the [illegible] of machinery [illegible] tolerancing. [illegible] [illegible] no.1:24-26 [illegible] '60.

ENGINEERING LABORATORIES
(see also subdivision under Minsk)
[illegible] research laboratories in factories. [illegible] no.2:57-58 F '60.
[illegible] laboratories and the [illegible] of laboratories in [illegible] no.2:52-53 F '60.

ENGINEERING MODELS
[illegible] based on physical and mathematical [illegible]. A.T. Lok'tanov. Vest. AN Kazakh. SSR [illegible]
[illegible] from [illegible] media. [illegible] Izv. AN [illegible] no.1:147-151 Ja '60.

ENGINEERING TOLERANCES see Tolerance (Engineering)

ENGINES
[illegible] alternating [illegible] of piston engines converted [illegible] of the coordinates. N.N. Kurlin. [illegible] no.8:97-105 [illegible]

ENGLISH DRAMA—TRANSLATIONS INTO AZERBAIJANI
[illegible] Mirzoeva. Izv. AN [illegible] no.1:133-135 '60.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN
[illegible] [Anglo-Russian dictionary [illegible]] Anglo-russkii slovar' po [illegible] Edited by [illegible] M. [illegible] slovarei [illegible] 333 p.

ENGLISH LANGUAGE—GRAMMAR
[illegible]

ENGLISH LANGUAGE—PRONUNCIATION
[illegible]

ENGLISH LANGUAGE—STUDY AND TEACHING
[illegible]

ENGLISH LANGUAGE—STYLE
[illegible]

ENGLISH LANGUAGE—VERB
[illegible]

ENGRAVING MACHINES
[illegible]

ENSILAGE
[illegible]

ENSILAGE—BACTERIOLOGY see subdivision under Ensilage

ENTERIC FEVER see Typhoid fever

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH
[illegible]

ENTOMOLOGICAL SOCIETIES see subdivision under Leningrad

ENTOMOLOGY—CONGRESSES
Growth of Soviet entomology. M.I. Ter-Minasian. Vest. AN SSSR 30 no.6:110-120 Je '60.

ENTOMOLOGY—EXHIBITIONS see subdivision under Grozny

ENVIRONMENTAL CHAMBERS see subdivision under Leningrad

ENZYMES
Apparatus for the continuous dialysis of ferments in solutions. K.P. Stepanishchev, M.S. Shul'man. Spirt. prom. 26 no.1:9 '60.
Effect of various enzymatic poisons on the purified enzymatic system catalyzing amino acid synthesis from keto acids and ammonium salts [with summary in English]. N.N. [illegible] Biokhimiia 25 no.1:106-111 Ja-F '60.
Intensity of respiration and enzyme activity in apples stored at low temperatures. A.I. [illegible] [illegible] no.10:14-15 '59.
Natural catalysts. A.S. [illegible] Nauka i zhizn' 27 no.1:32-35 Ja '60.

EOLITHIC PERIOD see Stone age

EOSINOPHILES
Eosinophile test as an index of "stress reaction" in vascular diseases of the brain. A.P. [illegible] Vrach. delo no.1:21-24 '60.

EPHEDRA
(see also subdivision under Kazakhstan)
[illegible] determining alkaloids in ephedra with the [illegible] M.I. [illegible] and others. [illegible] 21 no.1:41-[illegible] '60.

EPHEDRINE
Isolation of ephedrine from [illegible] by means of paper chromatography. [illegible] [with summary in English] [illegible] Apt. delo no.1:14-[illegible] Ja-F '60.

EPIDEMICS IN ANIMALS see Communicable diseases in animals

EPIDEMIOLOGY—STUDY AND TEACHING
[illegible]

EPILEPSY
[illegible] changes in the skull in [illegible] epilepsy. [illegible] no.1:97-98 Ja-F '60.
[illegible]

EPILEPTICS—CARE AND TREATMENT
[illegible] no.1:88-89 Ja-F '60.

EPITHELIUM
[illegible]

EQUATIONS
[illegible]
On the stability of Monge-Ampere equations of the elliptic type. I.Ia. Bakel'man. Usp. mat. nauk 15 no.1:163-170 Ja-F '60.
Using high-speed computers in solving the restricted problem of three bodies [illegible] Part 2. Calculation of the right-hand [illegible] [with summary in English]. [illegible] no.5:[illegible] '59.

EQUILIBRIUM (PHYSIOLOGY)
[illegible]

ERASHOV, VALENTIN
"They cast over the river", stories by Valentin Erashov. Reviewed by [illegible] [illegible] no.1:214-215 Ja '60.

ERGOMETER see Dynamometer

ERGOT
Separation of ergot from the rye grain in [illegible] solutions. M.I. [illegible], M.A. [illegible], A.V. [illegible] [illegible] 14 no.1:35-36 Ap '60.

ERITREA—DESCRIPTION AND TRAVEL
Eritrea. V. [illegible] [illegible] 18 no.23:28-29, 31 '60.

ERIVAN—CANNING INDUSTRY
Results of the operation of the Erivan cannery in 1959 and its objectives in 1960. Kh.A. Martirosian. Kons. i ov. prom. 15 no.3:7-9 Mr '60.

ERIVAN—EXHIBITIONS
Erivan. Gosudarstvennyi istoricheskii muzei Armenii. [Guidebook for the Republic Exhibition of the National Economy and Culture of the Armenian S.S.R., commemorating the 40th anniversary of the Great October Socialist Revolution] Putevoditel' respublikanskoi vystavki narodnogo khoziaistva i kul'tury Armianskoi SSR, posviashchennoi 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Erevan, Izd-vo AN Armianskoi SSR, 1958. 75 p., illus. [In Armenian.]

ERIVAN—FLOUR MILLS
New pneumatic mill. A. Sarkisian, A. [illegible] Muk.-elev. prom. 26 no.2:20 F '60.

EROSION
(see also subdivision under Azerbaijan; Kazan region; Russia, Southern; Volga Valley)
Coefficients of maximum erosion for designing bridge openings. O.V. Andreev. Avt. dor. 23 no.3:26-27 Mr '60.
Investigating the erodibility of soils. S.K. [illegible] Trudy [illegible] no.1:103-125 '59.

ERRORS, THEORY OF
Certain evaluations of errors of the Runge-Kutta method for ordinary differential equations. A.V. Dzhishkariani. Trudy Mat. inst. AN Gruz. SSR 26:285-306 '59.

ERYTHEMA
Erythema and skin temperature in hypertension. D.N. [illegible] Med. zhur. Uzb. no.7:15-21 Jl '60.
Multiform exudative erythema and its appearance on the mucous membrane of the oral cavity. P.I. Makarenko. Vrach. delo no.3:291-294 Mr '60.
Rare variant of erythema nodosum. P.I. Popeliuk, Iu.M. Kosaliv. Vrach. delo no.2:187 F '60.

ESAMBAEV, MAKHMUD
A concert by Makhmud Esambaev. A. Asarkan. Teatr 21 no.3:90-92 Mr '60.

ESCHERICHIA COLI
Determination of "free" vitamin B_{12} in the blood serum with Escherichia coli [with summary in German]. I.A. Mai, I.A. [illegible] Biokhimiia 25 no.1:80-85 Ja-F '60.
Serological types of Escherichia coli and the role of some of them in the etiology of children's summer diarrhea. I.I. [illegible] Med. zhur. Uzb. no.8:9-17 Ag '59.
Variability of the biochemical properties of dysenteric (Flexner type [illegible]) and intestinal bacilli under the action of [illegible] A.A. Abidov. Med. zhur. Uzb. [illegible] '59.

ESOPHAGUS—CANCER
Pathohistological changes in the interneuronal synapses of Auerbach's and Meissner's plexuses of the esophagus when affected by cancer. V.I. Zak. Azerb. med. zhur. [illegible] Mr '60.
Rare lesion of the gastrointestinal tract. A.I. Bukhman. Vest. rent. i rad. 35 no.1:64-65 Ja-F '60.
[illegible] of an esophageal cancer [with summary in English]. A. [illegible], V.S. Bogacheva. Grud. khir. 1 no.1:[illegible] '59.

ESOPHAGUS—DISEASES
Case of complicated Zenker's diverticulum. N.I. Napalkov. Vest. rent. i rad. 35 no.1:56-57 Ja-F '60.
Case of esophageal polyp. R.A. Alimdzhanov. Med. zhur. Uzb. no.10:54-55 O '59.
Rare case of large esophageal cyst. V.S. Bogacheva. Khirurgiia 35 no.12:86-87 D '59.
Two cases of large diverticula of the esophagus in the pectoral section. I.M. [illegible] Med. zhur. Uzb. no.6:37-38 Je '58.

ESOPHAGUS—FOREIGN BODIES—SURGERY
Case of removal of a foreign body from the esophagus by means of external esophagotomy [in Azerbaijani with Russian summary]. N.Kh. Agaev. Azerb. med. zhur. no.3:60-61 Mr '60.

ESOPHAGUS—INNERVATION
Pathohistological changes in the interneuronal synapses of Auerbach's and Meissner's plexuses of the esophagus when affected by cancer. V.I. Zak. Azerb. med. zhur. no.3:61-64 Mr '60.

ESOPHAGUS—SURGERY
New method of repairing a diverticulum of the thoracic portion of the esophagus. N.P. [illegible], I.M. Slepukha, V.F. [illegible] Khirurgiia 35 no.12:84-85 D '59.

ESOPHAGUS—WOUNDS AND INJURIES
Peculiarities of the secretory function of the stomach in patients following chemical burns of the internal organs. D.P. [illegible] Vrach. delo no.3:109 Mr '60.

ESPIONAGE, AMERICAN

Aerial espionage and international law F Korovin Mezhdunar zhizn' 7 no 6 74-76 Je '60

Be alert! P Buniakov Agitator no 12 28-33 Je '60

The "brass hats" refuse to quiet down. Nov. vrem. 18 no 27 21-22 Jl '60.

Golos Rodiny. [It could happen to anyone; Peter Moroz's tragedy, a collection of materials from the newspaper "Golos rodiny."] Eto mozhet sluchit'sia s kazhdym, tragediia Petra Moroza. Sbornik materialov gazety "Golos rodiny " [Berlin] Izd. Komiteta za vozvrashchenie na rodinu i razvitie kul'turnykh sviazei s sootechestvennikami, 1960. 55 p. (CSt-H)

In behalf of the Soviet people. Nov. vrem. 18 no. 21 9 My '60.

Meany and Co. In the service of Allen Dulles. I. Mikhailov. Sov profsoiuzy 16 no 12 55-56 Je '60

The policy of strength before the judgment of the world. V. Korionov. Nov. vrem. 18 no. 21·6-8 My '60.

Rejoicing at funerals Nov. vrem. 18 no. 24 20 Je '60.

[They can't avoid the responsibility, facts exposing the perfidious policy of the ruling circles in the U.S.A.] Im ne uiti ot otvetstvennosti, fakty, razoblachaiushchie verolomnuiu politiku praviashchikh krugov SShA ' Pred. M. A. Kharlamova. Moskva, Izd-vo inostr. lit-ry, 1960. 222 p.

This happened in May.. V. Ardamotskii. Sov. voin 42 no 11 2 Je '60.

We are firmly maintaining the cause of peace Sov profsoiuzy 16 no 10 6 My '60

What happened in Paris. N. Sergeeva. Nov. vrem. 18 no. 21 3-6 My '60.

What Norwegians think. Finn Custavsen. Nov. vrem. 18 no 26·16-18 Je '60.

ESSAY

Problem of artistic invention in the essay. V A Alekseev. Uch. zap. LGU no. 284 98-112 '60.

ESSENCES AND ESSENTIAL OILS

(see also subdivision under Moldavia)

Classification of essential oil plants N. L Gurvich Trudy Bot inst Ser 5 no 6 7-126 '60

Essential oil plants of the Kopet-Dag as sources of spices and aromatics for the food industry L I Medvedeva Trudy Bot inst Ser 5 no 6 127-216 '60

Some wild essential oil plants of spurs of the Fergana Range G. A. Denisova, K I Golubeva Trudy Bot inst Ser 5 no 6 217-225 '60.

ESTONIA—AGRICULTURE

A party committee of a rural district. A. Saar. Kommunist 37 no. 11 57-68 Jl '60.

ESTONIA—BIRDBANDING

History of bird banding in the Estonian S.S R. A. IU. Jõgi. Migr. zhiv. no 1 40-47 '59

ESTONIA—CLOTHING INDUSTRY

New organization methods for multiple-style section assembly lines Shvein. prom. no. 1 39 Ja-F '60.

ESTONIA—COMMUNIST EDUCATION

Our propagandist friend. N. Khrabrova. Ogonek 38 no. 15·18-19 Ap '60.

ESTONIA—CRIMINAL LAW

The general part of the draft criminal code of the Estonia S.S R. K. M. Pass, L L. Rebane Sov. gos. i pravo no. 5 119-123 My '60.

ESTONIA—ECONOMIC CONDITIONS

Under the banner of the Leninist nationality policy L Lentsman Part zhizn' no 13 16-23 Jl '60

ESTONIA—FACTORIES—FIRES AND FIRE PREVENTION

' removal from machine parts. E. Ginter- 6:27 Je '60.

HYGIENE

'erapontov Okhr truda i sots 7 Ap '60.

of the development of the stonian S.S.R.] Ocherki lennosti Estonskoi SSR. hn. izd-vo neft i gorno- koe otd-nie, 1960. 199 p.

LING

signaling devices on the uvalov Avtom, telem i '60.

CTION WORKERS

administration V V Kamin- 4 Mr '60

the manufacture of skis from B. T. Kivivali. Der. prom. 9

ESTONIA—TRANSPORTATION, AUTOMOTIVE—FREIGHT

Freight transportation costs via automotive transportation. H. P Muur. Nauch. trudy MGPI no. 17·275-290 '59.

ESTREICHER, KAROL JOZEF TEOFIL, 1827-1908

Karol Estreicher, founder of Polish national bibliography. M B. Nabatova Bibliotekoved i bibl za rub. no. 4.109-112 '59.

ESTROGENS

Dynamics of changes in the glycogen content of the liver and uterus in ovariectomized rats due to the effect of folliculin and octestrol [with summary in English] L M Makarevych-Hal'perin, S N Ushenko. Ukr bio-khim. zhur 32 no 3 404-411 '60

Influence of prolonged use of synestrol on the thyroid gland M D Podil'chak, P P Kalyniuk Vrach delo no 4 387-388 Ap '60

ESTRUS

Studying various stages of the oestrus cycle in cows [with summaries in English, German, and French] N. I Politsintsev. Vest. sel'khoz. nauki 5 no 2 57-60 F '60.

ETHANE

Synthesis of β-(2, 4-dinitrophenyl)-ethyl halides V E Limanov Zhur ob khim 30 no 6 2091-2092 Je '60

ETHANETHIOL

Synthesis of S^{35}-merkamin. IU. V. Markova, K. K Kuz'mina, M. N. Shchukina Khim. i med no 11 39-42 '59.

ETHER

Mechanism of the formation of chloroform from vinyl ethers. M M Movsumzade Azerb. khim. zhur. no. 1 97-103 '59

ETHERS

Reactions of arylglycidyl ethers with aromatic amines. M. F. Sorokin, K. A. Lialiushko Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1;115-118 '60

Vinyl compounds in diene synthesis Stereospecific orientation of the diene synthesis of vinyl aryl ethers condensed with cyclopentadiene in relation to the temperature M F Shostakovskii and others Dokl AN SSSR 132 no 5 1118-1121 Je '60

ETHICS

Aznaurov, A. A. [Ethics of the great Russian revolutionary democrats] Etika velikikh russkikh revoliutsionnykh demokratov. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 11)

Relationship of ethics to psychology and pedagogy. A. G. Kovalev. Vop filos 14 no. 6·99-103 '60

ETHICS, COMMUNIST see Communist ethics

ETHIOPIA—DESCRIPTION AND TRAVEL

In the "Land of sunburned people." Raisa Smirnova. Zhen. mira no. 2 13-16 '60.

ETHIOPIA—EDUCATION

The new building is a school A. Abramov Ogonek 38 no 17 22 Ap '60

ETHIOPIA—WOMEN

In the "Land of sunburned people." Raisa Smirnova. Zhen. mira no. 2 13-16 '60.

ETHNIC TYPES see subdivision under Europe, Pamirs

ETHNOGRAPHY see Ethnology

ETHNOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Bulgaria

ETHNOLOGICAL RESEARCH see subdivision under Ukraine, White Russia

ETHNOLOGY see subdivision under America; Arabia, Baltic States, China; Hawaiian Islands; Korea; Mongolia, Soviet Far East, Turkmenistan; Vietnam, North

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHNOLOGY—PERIODICALS see subdivision under India

ETHYL ALCOHOL

Effect of ethanol on the joint solubility of beryllium and calcium sulfates L P. Reshetnikova and others Vest Mosk un Ser 2 Khim 15 no 2 50-52 Mr-Ap '60

Free energy of solvation of KI in ethanol and acetone. V. V Aleksandrov, IU A. Ershov. Dokl AN SSSR 132 no 6 1327-1328 Je '60.

ETHYL CHLORIDE

Improved method for preserving chlorethyl remnants in bottles used for penicillin, streptomycin, and insulin Fel'd. i akush. 25 no. 3;49-50 Mr '60

ETHYLENE

Catalytic hydrocondensation of carbon monoxide with olefins Report No 20 Activity of the cobalt - clay contact in the hydrocondensation of carbon monoxide with ethylene and polymerization of the latter under the influence of carbon monoxide. IA. T. Eidus and others. Izv AN SSSR Otd. khim. nauk no. 5 913-919 My '60.

Catalytic polymerization of olefins. Report No. 8: Polymerization of ethylene over a nickel - aluminosilicate catalyst. IA. T. Eidus and others. Izv. AN SSSR Otd. khim. nauk. no. 5 920-925 My '60.

Catalytic polymerization of olefins Report No. 9 Activity of a nickel silicate deposited on an aluminosilicate in the course of ethylene polymerization. IA T. Eidus, K. V. Puzitskii, B A Kazanskii. Izv AN SSSR Otd. khim. nauk no 5,926-930 My '60

Chemical changes in polyvinyl chloride subjected to ionizing radiation [with summary in English]. Z. S. Egorova and others. Vysokom. soed. 2 no. 6·891-897 Je '60.

Copolymerization of ethylene with propylene. Z. V. Arkhipova and others. Plast. massy no. 2 4-8 '60.

Effect of temperature on the specific volume resistance of polyvinyl chloride plastic. IU. N. Van-Gaut. Vest. elektroprom. 31 no. 2:27-30 F '60

Ethylene from coke-oven gas. N. S. Torocheshnikov, A. P. Dariusin. Khim. prom. no. 8 658-665 D '59.

Manufacturing laboratory equipment from polythene. A. G. Babkin, G. V. Trofimov, IA. G. Goroshchenko. Zav lab. 26 no. 3 380-381 '60

Microchemical determination of ethylene [with summary in English]. IU. V. Rakitin, K. L. Povolotskaia. Fiziol. rast. 7 no. 3 366-371 '60.

Polymerization of ethylene by means of γ-radiation [with summary in English]. S. S. Medvedev and others. Vysokom. soed. 2 no 6,901-915 Je '60.

Production of fiber from polyvinyl chloride (U.S. patent No. 2 822, 237). Khim. volok. no. 1:74 '60.

Simplified method of preparing an anticorrosion coating based on polytrifluoroethylene. T N Nikolaeva, V. G Kuriatnikova Plast massy no. 1 44-46 '60

Unsymmetrical α-oxides Part 2 Synthesis and properties of oxides of methylphenylethylene, ethylphenylethylene, methyl-n-tolylethylene methylbenzylethylene and methylcyclohexylethylene M S Malinovskii, A G IUdasina Zhur ob khim 30 no 6 1831-1837 Je '60

ETHYLENE OXIDE

Composition of the products and kinetics of butane cracking initiated by adding different amounts of ethylene oxide V I Petrosian and others Dokl AN SSSR 132 no 5 1103-1106 Je '60

Kinetics of the reaction of ethylene oxide with aniline. N. N. Lebedev, M M. Smirnova. Izv. vys. ucheb zav., khim. i khim. tekh. 3 no. 1,104-108 '60.

Preparation of mono- and diethanolaniline from aniline and ethylene oxide. K. D. Petrov. Plast. massy no. 3 52-54 '60.

Reaction of cyanamide with ethylene oxide Part 5 A P Kretov, I S Matveev Zhur. ob khim 30 no 6 1837-1841 Je '60

ETHYLENEDIAMINE

Adhesion to iron of copper deposited from complex ethylenediamine electrolytes. N. V. Osetrova, P. S. Titov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1 154-157 '60

EUCALYPTUS see subdivision under Baku

EUCOMMIA see subdivision under Kazakhstan

EUDIALYTE

Specific features of the concentration of rare-earth elements in eudialytes and loparites of the Lovozero massif [with summary in English]. IU. A. Balashov, N. V. Turanskaia. Geokhimiia no. 2·121-130 '60.

EUDIOMETER

Automatic gas analyzer with a regulating device. A. S. Deriabin. Priborostroenie no. 4:27 Ap '60.

Calibrating gas analyzers for determining concentrations of microquantities. M. T. Borok. Priborostroenie no. 4,23-26 Ap '60.

Sensitivity of gas analyzers based on physicochemical methods of measurement. M. T. Borok. Priborostroenie no. 3,16-17 Mr '60.

EUPHAUSIDAE see subdivision under Antarctic regions

EUPHORBIA see subdivision under Zeravshan range

EUROPE—DEFENSES

Letter addressed to a twenty-year old European. Marcel Peyrenet. Mol. mira no. 7 8-9 '59.

EUROPE—ETHNIC TYPES

Racial distinctions between the Mongol and European groups in childhood. N. N Miklashevskaia. Vop. antr. no. 1,103-110 '60.

EUROPE—HISTORY

Muenchengraetz and Berlin conventions of 1833. N. S. Kiniapina. Nauch. dokl. vys. shkoly, ist. nauki no. 1:71-85 '60.

OPE—ICE ON RIVERS, LAKES, ETC.

me characteristics of the ice regime in rivers of the European continent. T. N. Makarovich. Trudy GGI no. 75:3-13 '60.

OPE—LIGNITE

ining and utilization of lignite in foreign countries of Europe, review. N.N.Karpova. Obog. i brik.ugl. no. 11 46-55 '59.

ROPE—RURAL ELECTRIFICATION

ural electrification in Europe and in the U. S. A. G. Kulefeev. Tekh. v sel'khoz. 20 no. 2:81-83 F '60.

ROPE, EASTERN—AGRICULTURE, COOPERATIVE—FINANCE

ndivided funds of agricultural cooperatives in the European people's democracies. V.Starodubrovskaia. Vop.ekon. no.7:70-80 Jl '60.

ROPE, EASTERN—HOURS OF LABOR

orking time and vacations in the European people's democracies. N.Shinkov. Biul.nauch.inform.:trud i zar.plata 3 no.6:54-57 '60.

ROPE, EASTERN—STATISTICS—PERIODICALS

ew issues of statistical journals in people's democracies Vest stat no 6 76-69 '60

ew issues of statistical journals published in the people's democracies. Vest. stat no. 3 72-74 '60.

ROPE, EASTERN—VACATIONS, EMPLOYEE

orking time and vacations in the European people's democracies. N.Shinkov. Biul.nauch.inform.:trud i zar.plata 3 no.6;54-57 '60.

ROPE, WESTERN—CATHOLIC CHURCH

The moving forces of clericalism in Western Europe. A.Leonidov. Mir.ekon.i mezhdunar.otn. no.6 78-92 Je '60.

ROPE, WESTERN—ECONOMIC CONDITIONS

Capitalist countries of Europe. I.Kuz'michev. Agitator no. 5 17-22 Mr '60.

Capitalist countries of Europe. I.Kuz'michev. Agitator. no. 6 23-28 Ap '60.

Unity of the working class in relation to the common market. M.Bras. Vsem.prof.dvizh. [no.6]:29 33 Je '60.

UROPE, WESTERN—ECONOMIC POLICY

Irreconcilable views. A.Bel'skaia. Mezhdunar. zhizn' 7 no. 7:121-124 Jl '60.

The Western European trade war. IU. Il'in. Mezhdunar. zhizn' 7 no. 6,61-66 Je '60.

EUROPE, WESTERN—ELECTRIC POWER

Electric power systems and unified high-voltage networks in the United States and Western Europe. N.M. Chuprakov. Biul.tekh.-ekon.inform. no. 3:86-89 '60.

UROPE, WESTERN—FOREIGN RELATIONS—ASIA, CENTRAL

From the history of the international relations of Central Asia with Western Europe at the beginning of 15th century. I.I. Umniakov. Izv. AN Uz.SSR. Ser.obshchestv. nauk no. 1:27-33 '60.

EUROPE, WESTERN—INTELLECTUAL LIFE

Zatons'kyi, D., and Z.Libman. [Poisoned weapons; reactionary literature and art in the struggle against reason, humanity, and progress] Otruiena zbroia, reaktsiina literatura ta mystetstvo u borot'by proty rozumu, liudianosti, progresu. Kyiv, Derzhlitvydav, 1959. 408 p.
(MH)

EUROPE, WESTERN—MILITARY BASES, AMERICAN

American bases and European security. S.Vladimirov, I.Vanin. Mezhdunar. zhizn' 7 no.7:23-30 Jl '60.

The American military machine on the European continent. V.Nagrebetskii. Mir.ekon.i mezhdunar.otn. no.6 46-58 Je '60.

EUROPEAN COAL AND STEEL COMMUNITY

Alekseev, D. M., and A. P. Mikhailov. [European Coal and Steel Community] Evropeiskoe ob"edinenie uglia i stali. Pod red.N.N. Liubimova. Moskva, Izd-vo In-ta mezhdunar otnoshenii, 1960. 282 p.

EUROPEAN FEDERATION

Lenin, V.I. [Concerning the slogan of the United States of Europe. Concerning "imperialistic economism" and the caricaturing of Marxism. Concerning a pamphlet by Junius] O lozunge Soedinennykh Shtatov Evropy. O karikature na marksizm i ob "imperialisticheskom ekonomizme." O broshiure IUniusa. Moskva, Gos. izd-vo polit. lit-ry, 1960. 82 p. (Bibliotechka po nauchnomu sotsializmu)

EUROPEAN WAR, 1914-1918

Spiridovich, A.I. [Great War and the February revolution, 1914-1917] Velikaia voina i Fevral'skaia revolutsiia, 1914-1917 g.g. N'iu Iork, Vseslavianskoe izd-vo, 1960. 1 v.
(CU)

EUROPEAN WAR, 1914-1918—PERSONAL NARRATIVES

In 1916 Il'ia Ehrenburg. Ogonek 38 no. 19 7-8 My '60.

EUTECTICS

Structure of liquid eutectics. A. A. Vertman, A. M. Samarin, A. M. IAkobson. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:17-19 My-Je '60.

EVAPORATING APPLIANCES

(see also subdivision under Great Britain)

Cleaning the heating surfaces of evaporators. I S Karchevskii. Sakh. prom 34 no. 3:28-31 Mr '60.

Condensation of a solution in vacuum evaporator installations. N.I.Agafeeva and others. Prom energ. 15 no 4:15-16 Ap '60.

Experience in the operation of vacuum evaporation stations. I.A.Trub Prom energ. 15 no 4 31-32 Ap '60.

New cyclone wetted-wall evaporator used for concentrating aluminate solutions by boiling N P Kuz'min Khim. mash. no. 2 1-4 Mr-Ap '60

EVAPORATION

Effect of different factors on the readings of water evaporimeters placed in the ground. A. R. Konstantinov, T G. Fedorova, V S. Golubev Trudy GGI no 76;67-111 '60

Evaporation from farm fields in the steppe and forest steppe zones of the European part of the U S. S R. A R. Konstantinov, I. N Filatova. Trudy GGI no 72 70-101 '59.

Konferentsiia, posviashchennaia izucheniiu isparentiia i gorentiia v dispersnom vide. Odessa, 1958. [Abstracts of reports at the Conference Devoted to the Study of Evaporation and the Combustion of Dispersed Material Tezisy dokladov, 13-19 noiabria 1958 g. Odessa. Odesskii gos. univ., 1958. 32 p.
(MH)

EVENING AND CONTINUATION SCHOOLS

Combined exercises in Russian language classes in the schools for working youth. M. B Uspenskii. Rus. iaz. v shkole 21 no 1:78-82 Ja-F '60.

Connection of academic instruction in the evening (staggered) schools with industry and the students' work. A. I. IAntsov. Sov. pedag. 24 no. 3:36-44 Mr '60.

In rural schools. V. Moiseev. Nar. obr. no. 6:90-92 Je '60.

Legal aspects of the training and improvement of workers' qualifications in enterprises. IU. Orlovskii. Sots. trud 5 no. 2.16-22 F '60.

Parents' committee of the school for working youth. S. Konstantinov. Sem'ia i shkola 15 no. 3,14 Mr '60.

Privileges for working students. V. Korotkov. Okhr. truda i sots strakh. 3 no 4 70-72 Ap '60

Programs and plans for evening (staggered) schools. Inostr. iaz. v shkole no. 1 24-43 Ja-F '60.

Realistic course and diploma projects in night schools B. M. Sominskii. Sred. spets. obr. 7 no. 1:31-32 Ja '60.

Special rights of students of correspondence and evening institutions of higher education and technical schools. E. Voilenko. Otv. na vop. trud. no. 111;29-31 '60.

Thinking about the future of evening schools S. Putiatin Nar. obr. no. 6 86-89 Je '60.

Urgent problems of academic instruction and training of students in the schools for working youth. V. I. Chepelev. Sov. pedag. 24 no. 6.55-65 Je '60.

EVIDENCE (LAW)

Preservation of material evidence. Z. Shimanova. Pozh. delo 6:9 Je '60.

EVIDENCE, CRIMINAL

Search and the examination of the supposed place in murder cases. G. N. Mud'iugin. Sov. krim. na sluzh. sled. no. 12;43-68 '59.

Shalamov, M. P. [The theory of evidence] Teoriia ulik. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 180 p.

EVIDENCE, EXPERT see subdivision under Kuybyshev

EVOLUTION

Anniversary Conference of the Institute of Genetics of the Academy of Sciences of the U.S.S.R. T Fedeneva Vest. sel'khoz. nauki 5 no 2:149-515 F '60.

Biochemistry and Darwinism. A. M. Goldovskii. Biokhimiia 25 no. 1;3-11 Ja-F '60.

Darwinian theory as the basis of evolutionary paleontology T. V. Loit. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1: 100-109 '60.

Friends and foes of Darwinism. L. R. Kharakhorkin. Nauka i rel. no. 3 19-23 N '59.

Internal and external factors of evolution [with summary in English, p. 185] R. S. Karpinskaia. Vop. filos 14 no. 6:120-126 '60

Jean Baptiste Lamarck, on the 150th anniversary of the publication of the "Philosophy of Zoology." M. A. Gremiatskii. Vop. antr no 1 3-14 '60.

Kolodiazhnyi, V. I. [Philosophical significance of Charles Darwin's biological theory] Filosofs'ke znachennia biologichnoi teorii Charlza Darvina. Kyiv, 1960. 35 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 2)

Struggle between the followers and adversaries of Darwinian theory and some problems in logic. A. N Filatova. Nauch. dokl. vys. shkoly, filos nauki 3 no 1 174-184 '60.

EVOLUTION—CONGRESSES

Scientific conference devoted to the great works of Darwin and Lamarck Kh F Kushner Izv AN SSSR Ser biol no 2:313-316 Mr-Ap '60

EVSIUKOVA, VARVARA VLADIMIROVNA

Varvara Evsiukova IU Zviagin Sov pech no 3 43-45 Mr '60

EXAMINATIONS—QUESTIONS

Methodology of examination papers in the course "Accounting at a repair and supply station " V I. Baranov Sred spets obr 7 no 3 33-36 Mr '60

EXCAVATING MACHINERY

(see also subdivision under Leningrad, Poland, Stalino, Tashkent)

Development of single-bucket excavators at the end of the 19th and beginning of the 20th century. P. A. Nadal'iak. Trudy Inst. ist est. i tekh 29.135-161 '60

The DMK-1 interchangeable equipment for the TE-2M excavator IU I Ivanov Biul tekh -ekon inform no 2 42-44 '60

Efficient method for opening buckets of the "Kovrovets" excavator P. K Doil'nitsin Stroi mat 6 no 3 30-31 Mr '60

"EKG-8" excavator. N. A. Larionov. Nauka i zhizn' 27 no. 2:67 F '60.

The EM-161 excavator is a useful machine in drainage construction work V. G. Bogdanov. Gidr. i mel. 12 no 2:54-55 F '60.

The ETN-171 and ET-151 new trench excavators. V. I. Savkin. Gidr. i mel. 12 no. 2 19-26 F '60.

Excavating machinery. P. Nadal'iak. Izobr. i rats. no. no. 3;64 Mr '60

Headpieces for E-255 excavator buckets. Rats. i izobr. predl. v stroi. no 13 29-30 '59.

Machine for excavating holes for the supports of electric transmission lines Rats i izobr predl v stroi no 14 104-108 '60

Using the E-153 excavator in the construction of complex signals I. N. Tret'iakov. Geod. i kart. no. 1 31-32 Ja '60.

Using the EVG-15 excavator for direct loading of coal into dump cars. I. P. Beschastnyi, A. T. Shelest. Ugol' 35 no. 3;7-9 Mr '60.

Using trench excavators in digging holes for contact system supports M. P. Il'in, IU. E. Ivanov. Transp. stroi. 10 no 1 25-26 Ja '60.

Vibrocontainers Stroitel' no 3:29 Mr '60.

EXCAVATING MACHINERY—BRAKES

Additional brakes for preventing the dropping of booms of OM-201, OM-202, and E-1001 excavators A I Gorbachev Mekh stroi 17 no 6 23 Je '60

EXCAVATING MACHINERY—COLD WEATHER OPERATIONS

Conference on digging trenches in frozen ground I. Z. Figlin Stroi. i dor mashinostr 5 no 3 35 Mr '60.

EXCAVATING MACHINERY—ELECTRIC DRIVING

Results of testing electric drives of the EVG-15 excavator V M. Sokolovskii Stroi i dor mashinostr 5 no. 3:3-7 Mr '60

EXCAVATIONS (ARCHAEOLOGY)

(see also subdivision under Chersonese (City), Crimea, Kuldor-Tepe, Magala, Novgorod, Rostov Province, Stalingrad Province, Voronezh Province)

Archaeological expeditions in 1959. M. K. Vest. Mosk. un. Ser. 9: Ist nauki 15 no. 3:67-69 My-Je '60.

EXCHANGES, LITERARY AND SCIENTIFIC see subdivision under Kazakhstan

EXCISION OF HIP

Morphological changes in the central nervous system following soon after amputation of the hip. B. G. Ganiev. Med. zhur. Uzb. no. 10:47-53 O '58.

EXECUTIONS (LAW)

Participation of our people in the execution of judicial decisions. R. Valeeva. Sov. iust. no. 2;42-43 F '60.

Useful book ("Execution of judicial decisions." Reviewed by R. Valeeva). Sov. iust. no. 3;91-93 Mr '60.

Exercise therapy in the over-all treatment of patients with physiological therapeutics. [illegible] Pratkin. Zdrav. Belor. [illegible] no. [illegible] '60.

On the history of the development of exercise therapy in the works of Moscow [illegible] V. N. Bekhterova. Med. [illegible] no. [illegible] Ag 5 '60.

Significance of physical exertion in the detection of external respiration disturbances and in the evaluation of the effectiveness of oxygen therapy and exercise therapy in first stage hypertension. [illegible] Med. [illegible] no. [illegible] '60.

Use of massage and exercise in [illegible] for children in the first year of life. [illegible] no. [illegible] '60.

EXHAUST SYSTEMS

Devices which increase the safety of operation. [illegible] Tikhonovskii. Elek. i tepl. tiaga [illegible] no. 2 [illegible] '60.

EXHAUSTION see Fatigue

EXHIBITIONS

(see also subdivisions under Bucharest, Mexico City, Moscow, New York (City))

What foreign exhibitions will be organized in 1960. [illegible] no. [illegible] '60.

EXISTENTIALISM

[illegible] no. [illegible] '60.

EXPANSION (HEAT)

High strength alloys with specified coefficients of thermal expansion. N. A. Solov'eva. Mos. trud. [illegible] no. 32, [illegible] '59.

Thermal expansion in heat resistant alloys of binary systems [illegible] Mo, [illegible] V, Nb, Mo, [illegible] Mos. trud. [illegible] no. 32 [illegible] '59.

EXPLOSIONS

[illegible]

Electromagnetic method of measuring the speed of explosion products. [illegible] Dokl. AN SSSR [illegible] '60.

Explosions [illegible] '60.

[illegible] decomposition of [illegible] '60.

EXPLOSIVES

[illegible]

Recalculation of ignition of explosive mixtures of saturated hydrocarbons and air. V. B. Krasnitskii, [illegible] M. Khaikov, [illegible] Mr. Te '60.

EXPLOSIVES – SAFETY MEASURES

In the State Mine Inspection of the [illegible] no. [illegible] '60.

[illegible]

[illegible] Ma '60.

EXTINCT ANIMALS

Old, in a museum. [illegible] no. [illegible] Ap '60.

EXTRACTION (CHEMISTRY)

[illegible] '60.

Complex formation [illegible] A. [illegible] no. [illegible] '60.

Distribution of tarry matters in the solution outside and inside the chips during extraction by solvents. [illegible] Kotenko, V. N. Kozlov. Trudy Inst. khim. [illegible] no. [illegible] '59.

[illegible] capacity of natural solvents. [illegible] '60.

EXTRACTION APPARATUS

Experience in operating an extraction line with the [illegible] belt extractor. [illegible] Masl.-zhir. prom. [illegible] Ap '60.

Investigating extractors with mechanical phase mixing (pulsating extractors). S. Z. Kagan and others. Khim. prom. no. 8 689-694 D '59.

Operational experience with a newly introduced oil extraction line equipped with the DS-70 belt conveyor extractor. I. P. Beregov, V. N. Kondratov. Masl. zhir. prom. 26 no. 1 29-34 Mr '60.

EXTREMITIES (ANATOMY) – FRACTURES

[illegible] characteristics of the healing of [illegible] fractures of the long bones [illegible] A. N. Aldyrova. Trudy [illegible] no. 7 [illegible] '59.

Variability of arterial [illegible] of [illegible] [illegible] '60.

EXTREMITIES, LOWER – WOUNDS AND INJURIES see subdivision under Moldavia

EXTRUSION (METALS)

[illegible] lubricants for reverse cold extrusion of [illegible] M. A. [illegible] V. N. [illegible]

EXTRUSION PROCESS – EQUIPMENT AND SUPPLIES

Investigating the axial forces of [illegible] in the processing of polyvinyl chloride plastics. [illegible] A. N. Levin. [illegible] no. 2 [illegible] '60.

EYE

Diagnostic significance of [illegible] '60.

Experimental [illegible] '60.

[illegible] in hypertension [illegible] 17-21 '60.

[illegible]

EYE – ACCOMMODATION AND REFRACTION

Characteristics of [illegible]

[illegible]

EYE – BLOOD SUPPLY

Influence of [illegible]

EYE – CANCER

[illegible]

EYE – CARE AND HYGIENE

[illegible]

Take care of your eyes [illegible] '60.

EYE – DISEASES AND DEFECTS

(see also subdivisions under [illegible])

[illegible]

EYE – FOREIGN BODIES

[illegible]

EYE – INNERVATION

[illegible]

EYE – MOVEMENTS

[illegible]

EYE – RADIOGRAPHY

[illegible]

EYE – TUBERCULOSIS

[illegible]

FACADES see subdivisions under Moscow

FACE – ABNORMITIES AND DEFORMITIES

Plastic surgery with [illegible] of the [illegible] '59.

FACTORIES – AIR CONDITIONING

[illegible] Mashinostroitel' [illegible] '60.

[illegible] Kramatorsk, Ukraine, [illegible]

[illegible] Institut [illegible] plants [illegible] [Drawing up [illegible] of plants] [illegible] V. Valeyev, [illegible]

[illegible]

FACTORIES – [illegible]

[illegible]

FACTORIES – [illegible]

[illegible]

FACTORIES – [illegible]

[illegible]

FACTORIES – [illegible]

[illegible]

FACTORIES – [illegible]

[illegible]

FACTORY MANAGEMENT

[illegible]

FACTORY MANAGEMENT (Continued)

Mechanization of operational control, and production regulation and accounting with the aid of pushing conveyors R Rikman. Biul. nauch. inform. trud i zar. plata 3 no 2:21-25 '60.

Rearranged automatic production lines Biul tekh -ekon inform no 2 83-88 '60

FACTORY MANAGEMENT—TECHNOLOGICAL INNOVATIONS

Against conservatism in technology and mechanical engineering. V. Semenov and others. NTO 2 no. 4:32-35 Ap '60.

FAIRY TALES

(see also subdivision under France)

[Ivan Little of the great mind; Russian fairy tales] Ivan men'shoi — razumom bol'shoi, russkie skazki. Rasskazal A. Nechaev. Pod obshchei red. Mikh. Sholokhova. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 250 p.

FAITH CURE

"Miraculous" cures. M. A. Rozhnova, V. E. Rozhnov. Nauka i rel. no. 3 11-18 N '59

FAK, STEPAN NIKITOVICH

Torchinskii, A. G. [Fak's address remains the same, story] Adres Faka ostaetsia prezhnim, ocherk Moskva, Gos izd-vo polit. lit-ry, 1960. 78 p (Povesti o delakh i liudiakh partii)

FALLOWING see subdivision under Ukraine

FAMINTSYN, ANDREI SERGEEVICH, 1835-1918

Andrei Sergeevich Famintsyn, on the 40th anniversary of his death E M Senchenkova Bot zhur 45 no 2 309 317 F '60

FANS, MECHANICAL

Highly economical centrifugal fans with shaped blades. V. S. Pak, G. A. Babak, V. V. Pak. Ugol' Ukr. 4 no. 3, 41-42 Mr '60.

[illegible]

montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 31. [Assembling compressors, pumps, and ventilators] Montazh kompressorov, nasosov i ventiliatorov. 1960, 90 p.

Ways to improve mine ventilation systems with centrifugal fans. A. G. Bychkov, I. L. Lokshin. Ugol' 35 no. 3:44-50 Mr '60.

FAOLITE

Egorov, I. A. [Faolite plastic] Plasticheskaia massa faolit. Vladimir, Vladimirskoe knizhnoe izd-vo, 1959. 22 p.

FAR EAST—HISTORY

Akademiia nauk SSSR. Institut vostokovedeniia. [Lenin and the East; a collection of articles] Lenin i Vostok; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 304 p.

FAR EAST—SALT

Extraction of sodium chloride from sea water in the Far East. A. I. Daniushevskaia. Soob. Prim. otd. VKHO no. 3 89-103 '57.

FAR EAST, SOVIET see Soviet Far East

FARAD see Electric units

FARM BUILDINGS

(see also subdivision under Reshetilovka District, Ukraine, United States; Zaporozh'ye Province)

Adobe livestock buildings. H. Kozlov. Sil'. bud. 7 no. 5:14 My '57.

Coordination of scientific investigations in the field of rural construction N. I. Ivanova. Izv ASiA no 3: 166-168 '59

Designing and constructing administration buildings for collective farms. V. Kravchenko. Sil'. bud. 7 no 5 16-18 My '57.

Institute of Rural Buildings and Structures. G. N. Prozorovskii. Izv ASiA no 3:159-160 '59

Let's build high-quality livestock buildings. V. Zakharchenko. Sil'. bud. 8 no. 2:15-17 F '58.

Let's organize industrial supply bases for rural builders S F Nefedov Stroi mat. 6 no. 2 1-4 F '60

Lowering construction costs of livestock buildings. IU. Koshits. Stroi. i arkhit. 8 no. 2 24 F '60.

Our success depends on having our own means of production. V. Petrenko. Sil'. bud. 8 no. 2:9-10 F '58.

Planning and building livestock and poultry farms. V Kravchenko. Stroi i arkhit. 8 no. 2:20-23 F '60.

Raising technical standards of rural construction. S. F. Nefedov. Izv. ASiA no. 4:140-144 '59.

Second Coordinating Conference on Problems in Scientific Research Work in the Field of Rural Construction in Southern Regions of the U. S. S. R. Visnyk ABiA URSR no 1:49-50 '60

Using hollow blocks in constructing ceilings. V. Moshchil'. Sil'. bud. 7 no. 5 6-7 My '57.

FARM BUILDINGS—HEATING AND VENTILATION

Improved ventilation system in dairy barns and swine houses. Rats. i izobr. predl. v stroi. no. 13:64-69 '59.

FARM EQUIPMENT

Electric feed steamer for livestock farms. V. M. Haiduk. Mekh. sil'. hosp. 11 no. 2:29 F '60

FARM MACHINERY see Agricultural Machinery

FARM MANAGEMENT

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. [Economic basis for agricultural administration] Voprosy ekonomicheskogo obosnovaniia sistem vedeniia sel'skogo khoziaistva. Moskva, 1960. 275 p. (Materialy nauchno-issledovatel'skikh rabot)

Technological charts are of great importance in utilizing all agricultural resources. O. F. Krylov. Visnyk sil'. hosp. nauky 3 no. 3:62-64 Mr '60

FARM MANURE

How to obtain completely mechanized removal of manure. M M. Vesna. Mekh. sil'. hosp. 11 no. 2:5-6 F '60.

Mechanized preparation and application of organic fertilizers. M. Kaplunov, I Sendriakov. Tekh v sel'khoz. 20 no. 2:17-22 F '60.

FARM MECHANIZATION

(see also subdivision under Aktyubinsk Province, Kazakhstan, Kugureshty region; Nikolayev Province, Ryazan Province, Yarmolintsy District)

Brothers Il'iakin, from a writer's notebook S. Shurtakov. Smena 37 no. 2:3 Ja '60

How to obtain completely mechanized removal of manure. M. M. Vesna. Mekh. sil'. hosp. 11 no. 2:5-6 F '60.

How we propagate books on farm mechanization. A. Vasylevs'kyi. Sots. kul't. 13 no. 3.36-37 Mr '60.

Let's complete over-all mechanization in two years. L Kuznetsov. Tekh. v sel'khoz. 20 no. 2 4-6 F '60.

Mechanization of agricultural operations according to the seven-year plan of the "Pamiat' Il'icha" Collective Farm. A. Grigor'eva. Tekh. v sel'khoz. 20 no. 2:9-13 F '60.

Mechanizers of combined specialities. I. Chumachenko, V. Karpov Prof. -tekh. obr. 17 no. 2:21-22 F '60.

New machinery and new methods of work. L. A. Korbut. Kul't. i zhizn' 4 no. 2:29-31 '60.

FARM MECHANIZATION—BIBLIOGRAPHY see Bibliography—Farm mechanization

FARM MECHANIZATION—STUDY AND TEACHING

(see also subdivision under North Kazakhstan Province, Orenburg Province, Zolotonosha)

On the rise. M. Kucherenko. Prof. -tekh. obr. 17 no. 2: 21 F '60.

Organizing academic instruction in agricultural schools. A. P. Shapovalov. Sred. spets. obr. 7 no. 3.19-25 Mr '60.

Study of progressive experience. M. Muchnik, A. IArovoi. Prof. -tekh. obr. 17 no. 2:22-23 F '60.

FARM PRODUCE—TRANSPORTATION

For agriculture Avt. transp. 38 no 3 5 Mr '60

In the Collegium of the Ministry of Railroad Transportation; Railroad transportation tasks in the fulfillment of the decisions of the December Plenum of the Central Committee of the CPSU. Zhel. dor. transp. 42 no. 3: 55-57 Mr '60.

New trends in the organization of the transportation of potatoes and vegetables IU Lesov, I. Itkind. Avt. transp 38 no. 2 11-14 F '60

Objective of national importance F. Kalabukhov. Avt. transp 38 no. 2 1-2 F '60.

FARMERS see subdivision under United States

FARMHOUSES see subdivision under Cherkassy District; Gorodok District

FARNESENIC ACID

Cyclization of ethoxyfarnesenic acid. B. M. Mikhailov, L. S. Povarov. Izv. AN SSSR Otd. khim. nauk no. 5. 935-936 My '60.

FASCIAE (ANATOMY)

Structural changes in the split bone following free one-stage transplantation into the panniculus adiposus and into the osseous bed. E. A. Aleksandrova. Trudy Len. gos. nauch. -issl. inst. travm i ortop. no. 7:245-252 '58.

Structural changes in the split bone following two-stage free transplantation into the panniculus adiposus. E. A. Aleksandrova. Trudy Len. gos. nauch. -issl. inst. travm. i ortop. no. 7.221-232 '58.

Structural changes in the split bone following two-stage free transplantation into the panniculus adiposus and into the osseous bed. E. A. Aleksandrova. Trudy Len. gos. nauch. -issl. inst. travm. i ortop. no. 7.233-244 '58.

FASCISM see subdivision under Germany, West

FASHION

[Fashion album] Al'bom mod. Rostov-Don, "Oblmestprom," 1959. 32 p.

[Fashion magazine.] Zhurnal mod 16 no. 1 Spring '60.

[Fashion magazine] Zhurnal mod 16 no. 2 Summer '60.

Fashions. Belarus' 17 no. 3:28 Mr '60.

In search of the beautiful and the comfortable N. Khrabrova Ogonek 38 no 10:15 Mr '60

Spring fashions Sov Soiuz no 4 50-51 '60

Stylish and beautiful dress T Rovna Ukraina no 5 32 Mr '60

FASHION—CONGRESSES

At the Tenth International Fashion Congress in Prague. Mariia Shorova. Zhen mira no 10:28-30 '59.

FASTENINGS

Clamping screws for double sashes Rats i izobr predl v stroi no 14 30-31 '60

FASTING

Harm of religious fasts. G. Kiselev. Kul't. -pros. rab. 21 no 2 50-51 F '60.

FASTOV DISTRICT—LIBRARIES

Unfounded inertness. S. Onopriienko. Sots. kul't. 13 no. 3 40 Mr '60

FAT METABOLISM

Effect of feeding and the physiological condition on carbohydrate and fat metabolism in cattle [with summary in English]. V A Svyrydenko Ukr biokhim zhur 32 no 3.427-442 '60

FATE AND FATALISM

Our fate is in our hands. Nauka i rel no. 1 78-79 S '59.

FATIGUE

Fatigue and work (as shown by data from a sugar refinery in Berry) A Buffet, H Courtier Usl zhiz i zdorov 1 no 5 35-36 '59

FATIGUE TESTING MACHINES

Testing for the thermal fatigue under pure shearing stress. IA. B. Fridman, N. D. Sobolev, V. I Egorov. Zav. lab. 26 no 4:467-472 '60.

Universal testing machine for programmed fatigue tests M E Garf Biul tekh -ekon inform no. 2 32-33 '60

FAULKNER, WILLIAM, 1897-

Restless soul. B. Izakov. Moskva 4 no. 2 87-90 '60

FAVORSKII, ALEKSEI EVGRAFOVICH, 1860-1945

A E. Favorskii. Kul't. i zhizn' 4 no. 3.62 '60.

A. E. Favorskii's contributions to the development of the chemistry of high molecular weight compounds (on the 100th anniversary of A. E. Favorskii's birth). M. F. Shostakovskii. Izv. AN SSSR Otd. khim. nauk no. 5 769-778 My '60.

Life filled with work and research. V I Kuznetsov Nauka i zhizn' 27 no. 3 58-61 Mr '60

FECES

Etiology of the unstable stool in children. A. P. Podgornova. Med. zhur. Uzb no. 8/9 39-42 Ag-S '58.

FECES—ANALYSIS

Steatorrhea following resection of the stomach with and without exclusion of the duodenum [with summary in English]. A. E. Zakharov. Khirurgiia 35 no. 12 68-70 D '59.

FEDERAL RESERVE BANKS see subdivision under United States

FED'KOVYCH, IURII, 1834-1888

We should publish a new edition of this valuable book ("IUrii Fed'kovych in studies and documents." Reviewed by IE. H. Verbyts'ka). Rad. lit. no. 2:143-145 Mr-Ap '60.

FEEBLEMINDEDNESS see Mental deficiency

FEED MILLS see subdivision under Ukraine

FEED MILLS—HYGIENIC ASPECTS

Materials for a hygienic evaluation of labor conditions in the feed preparation plant on poultry farms. I. N. Nikitskii. Vrach. delo no. 2:177-179 F '60.

FEED-WATER PURIFICATION

Preventing the "oiling" of boilers of steam engines equipped with surface condensers. L. M Gidon. Energetik 8 no 2:11-13 F '60

FEEDING

Effect of feeding conditions on certain aspects of the growth and development of farm animals. A. P. Dmitrochenko. Trudy Inst. morf. zhiv. no. 31.63-72 '60.

FEEDS

Accounting for feed when cattle is kept untied. F. S. Kalinichenko. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3: 36 Mr '60.

Effect of the prevalence of acid and alkaline elements in feeds on cholesterol metabolism [with summary in English]. V. I. IAkubovskaia Ukr. biokhim. zhur. 32 no. 3: 443-451 '60

Electric feed steamer for livestock farms. V. M. Haiduk. Mekh. sil'. hosp. 11 no. 2:29 F '60.

FEEDS (Continued)

Preparation of [illegible] fodder. [illegible] 10 no. [illegible] '60.

Production of feeds enriched with vitamin B12 from distillery [illegible] (survey). [illegible] prom. [illegible] '60.

[illegible]

FEEDS - BACTERIOLOGY

Work on the microbiology of feeds at the Academy of [illegible] of the [illegible] S.S.R. [illegible] '60.

FEEDS - DEHYDRATION

Improving the hydraulic preparation of dry feeds. [illegible] Bushuev, V.G. [illegible] '60.

FEET see Foot

FELDSPAR see subdivision under Karelia

FELDSPAR - OPTICAL PROPERTIES see subdivision under Caucasus

FELT - TESTING

Simplified [illegible] of the moisture content of [illegible] [illegible] '60.

FEMUR - EPIPHYSES

Role of the articular cartilage and the epiphyseal cartilage in longitudinal bone growth. [illegible] '60.

FENCING

[illegible] for temperature [illegible] [illegible] '60.

FEODOSIYA - ART GALLERIES AND MUSEUMS

Feodosiya. Kartinnaya [illegible] [illegible] [illegible] [illegible] 1960. [illegible] p.
(MIRA)

FERDINANDE see [illegible] under Martinique

FERGANA - BOTANY

[illegible] of the Fergana [illegible] '60.

FERGANA - BRACHIOPODA, FOSSIL

[illegible]

FERGANA - GEOLOGY, STRATIGRAPHIC

[illegible]

[illegible] of the Fergana Valley. [illegible]

FERGANA - OIL SANDS

[illegible]

FERGANA - OIL WELLS

[illegible] '60.

FERGANA - PETROLEUM GEOLOGY

[illegible]

Prospecting [illegible]

FERGANA - RECLAMATION OF LAND - HYDRO SA-PEECH

[illegible]

FERGANA - REVOLUTIONS, 1916-1918

[illegible] [illegible] in the Fergana and [illegible] 1918 [illegible] [illegible] ASSR, 1918 [illegible] 1960. [illegible] p.

FERGANA CANAL, GREAT

[illegible] Canal. A. [illegible] '60.

FERGANA VALLEY - KARA KALPAKS

Tolstova, L.S. [illegible] Karakalpaks of Fergana Valley. [illegible] Karakalpaki [illegible] [illegible] Nukus, [illegible] 1959. [illegible] p.

FERGUSONITE

Chemical composition of [illegible] titanium tantalum niobates [with [illegible]]. [illegible] and others. Geokhimiia no. [illegible] '60.

FERMENTATION

Effect of the temperature on the [illegible] nitrogen and [illegible] [illegible] '60.

Experience in the continuous fermentation [illegible] M.I. [illegible] prom. [illegible]

FERMENTATION TUBE

[illegible] automatic control [illegible] [illegible]

FERRATES

[illegible] '60.

Investigating ferroalloys [illegible] in the vicinity of the ferromagnetic Curie point. [illegible] 9 no. [illegible] '60.

[illegible] ferrites [illegible] '60.

[illegible] of ferrates [illegible]

Temperature dependence of [illegible] the low temperature [illegible] [illegible] and [illegible] '60.

FERRATES - MAGNETIC PROPERTIES

Theory of magnetic [illegible] [illegible] '60.

FERRO [illegible], GIOVANNI [illegible]

[illegible]

FERROCYANIDES

[illegible] '60.

FERROELECTRICITY

[illegible]

[illegible]

FERROMAGNETISM

[illegible]

[illegible]

[illegible]

[illegible] Ap '60.

[illegible]

[illegible] [illegible] '60.

FERROSILICON

[illegible]

FERSMAN, ALEKSANDR EVGENEVICH, [illegible]

[illegible]

[illegible] VIESMI [illegible]

FERTILIZATION OF PLANTS

[illegible]

[illegible]

Effect of the quantity of pollen [illegible] number and quality of seeds [illegible] [illegible] '60.

[illegible]

[illegible]

FIRST OF MAY see May Day (Labor holiday)

FISH, CANNED

[illegible] Atlantic Ocean [illegible]

FISH, SALT

[illegible] Atlantic [illegible]

FISH AS FOOD

[illegible]

[illegible] (see also [illegible] under Volga Delta region)

[illegible]

FISH LADDERS

[illegible]

[illegible] PRICES

[illegible] the price of raw fish in the fish [illegible]

FISHERIES

(see also [illegible] Arctic regions, Black sea, [illegible])

[illegible]

[illegible] the price of raw fish in the fish [illegible]

FISHERIES—EQUIPMENT AND SUPPLIES

[illegible]

[illegible] (see also [illegible] under Amur River, Caspian [illegible] Pacific Ocean)

[illegible] PRODUCTS—PRESERVATION

[illegible]

[illegible] PRODUCTS—STANDARDS

[illegible] Moscow, [illegible]

FISHES

(see also [illegible] under Arctic regions, Baltic Sea, [illegible] Volga Delta [illegible])

[illegible]

FISHES—ANATOMY

[illegible]

FISHES—FOOD
(See also subdivision under Caspian Sea)

[illegible] on food supply of fishes in the Courland Lagoon. P. S. Pergament. Trudy BaltNIRO no.[illegible] '58.

Effect of different light conditions on the availability of food organisms to certain fishes. I. I. Girsa. Trudy Inst. morf. zhiv. no.13:110-120 '60.

Feeding of the [illegible] in the [illegible] Delta [with summary in English]. A. A. [illegible]. Zool. zhur. 39 no.[illegible] '60.

Method of determining daily food rations of the young of some cyprinoid fishes under field conditions. V. A. [illegible]. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.2: [illegible] '60.

On the food supply. E. V. Borutskii. Trudy Inst. morf. zhiv. no.13:5-[illegible] '60.

Coordination and feeding of ichthyophagous fishes in Lake Buir Nur (Chinese People's Republic) [with summary in English]. [illegible] Cheng-[illegible]. Zool. zhur. 39 no.4: 564-[illegible] '60.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

Distribution of phosphatides in the organs of salmon [with summary in English]. V. I. [illegible]. Biokhimiia 25 no.1:[illegible] Ja-F '60.

Distribution of S^{35} methionine in organs and tissues of crucian carp under different living conditions. K. P. [illegible], G. P. Novgorodova. Vest. Mosk. un. Ser. 6: Biol., pochv., geol., geog. 14 no.4:17-[illegible] '60.

Effect of enucleation on the reflex activity of fish. I. Orlov. [illegible] no.[illegible]:63-[illegible] '58.

Sexual cycle of Vimba vimba vimba natio carinata (Pallas) in the Dniester River. I. V. Chepurnova. Uch. zap. Kish. un. [illegible] '59.

FISHING

It was the end of our friendship. [illegible]. Ogonek [illegible] '60.

Makarov, V. I. [Fly casting] Uzhenie ryby nakhlystom. Izd.2., ispr. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 64 p.

FISHING—IMPLEMENTS AND APPLIANCES see subdivision under Atlantic Ocean

FISHING NETS

Economic reasons demanding the introduction of fishing gear from synthetic materials. N. S. Borodulin. Trudy BaltNIRO no.5:[illegible] '59.

Improving the work efficiency of drift nets. [illegible]. Trudy BaltNIRO no.5:[illegible] '59.

FLAME HARDENING

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. [Flame surface hardening] Plamennaia poverkhnostnaia zakalka. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. [illegible] p. (Spravochnoe posobie po gazoplamennoi obrabotke metallov, no.17)

FLAMES

New way of making flames. V. I. Sokolov. Energetik 8 no.2:[illegible] F '60.

FLASH LIGHT PHOTOGRAPHY see Photography, Flash light

FLATFISHES

State of cod and flatfish stocks in the middle Baltic in 1957 and the forecast of possible catches for 1958. [illegible]. Trudy BaltNIRO no.[illegible] '58.

FLAVITSKII, KONSTANTIN DMITRIEVICH, 1830-1866

The last painting of a painter. L. Vasil'eva. Znanie [illegible] '60.

FLAVORING ESSENCES

Some balance sheets of the operations of the perfume and cosmetics industry and the essential oil industry in 1959. Masl.-zhir. prom. 26 no.6:1-7 Je '60.

FLAX

"Kostrolit" as roof material. [illegible] '60.

Pneumatic tube transportation of raw material in flax processing plants. V. [illegible], A. D. [illegible]. Tekst. prom. 20 no.2:[illegible] F '60.

Production of bleached semichemical pulp from flax wastes. V. N. [illegible]. Bum. prom. 35 no.2:24-26 F '60.

Ways to increase labor productivity in flax processing. M. Kozlov. [illegible] Mr '60.

FLAX PROCESSING MACHINERY

SM-1 flaxing machine. A. P. [illegible], V. S. [illegible]. Tekst. prom. 20 no.2:[illegible] F '60.

FLEA BEETLES see subdivision under Central Black Earth region

FLEAS

Method of estimating the number of fleas in burrows of the greater gerbil (Rhombomys opimus Licht.) [with summary in English]. N. I. [illegible]. Biul. MOIP Otd. biol. [illegible]

FLEXURE

Investigating the flexure of bimetallic strips during rolling. V. G. [illegible], N. P. [illegible]. [illegible] no.2:[illegible] '60.

Investigating the heat resistance of platinum alloys with rhodium, iridium, ruthenium, chromium, and aluminum by the flexure method. [illegible]. Trudy Inst. met. no.[illegible] '60.

Methods for solving problems on the strength of plates. A. I. [illegible]. [illegible] '60.

Testing rolled plates for oblique bending beyond the elastic limit [with summary in English]. O. I. [illegible], Iu. I. [illegible], I. O. [illegible]. Dop. AN URSR no.[illegible] '60.

FLIES

[illegible]

FLIES AS CARRIERS OF DISEASE

Role of synanthropic flies in the spread of agents of the [illegible]. [illegible] '60.

They said that it was not, but it was [illegible]. [illegible] no.[illegible] '60.

FLIGHT, UNPOWERED see Gliding and soaring

FLIGHT CREWS

[illegible] A. [illegible] no.3:11 Mr '60.

FLIGHT TRAINING
(See also subdivision under Ivanovo; Leningrad; [illegible])

Administration of the methodical training in aero clubs. V. Markelov. Kryl. rod. 11 no.4:11 Ap '60.

Modern trainers. G. Mokhov. Kryl. rod. 11 no.2:[illegible] F '60.

[illegible] An-2 trainer. A. [illegible]. [illegible] '60.

FLOCCULATION

Flocculation of silicates and synthetic [illegible] of the polyacrylamide type. [illegible] Je '60.

FLOOD CONTROL
(See also subdivision under [illegible])

Reservoirs for preventing inundation of [illegible]. A. I. [illegible]. [illegible] '5?.

FLOORS

[illegible]

Improve the quality of [illegible]

[illegible]

FLOORS, CONCRETE

[illegible]

FLORICULTURE see subdivision under Alma-Ata

FLORIN, V. A., 1899-

V. A. Florin, [illegible]

FLOTATION

[illegible]

Flotation of [illegible]. A. G. [illegible]

Flotation of sediments from settling basins in the dressing plants processing complex ores. A. G. [illegible]. [illegible]

Optimum density of the pulp [illegible]

Possibility of using emulsifying agents in the flotation of coal slimes. [illegible], V. I. Klassen, [illegible]. Koks i khim. no.1:[illegible] '60.

Use of a centrifugal field for intensifying the [illegible] of mineralized air bubbles from the flotation pulp. [illegible]. Koks i khim. no.4:[illegible]

FLOTATION—EQUIPMENT AND SUPPLIES

[illegible]

FLOUR

[illegible] capacity of flour [illegible]

FLOUR AND FEED TRADE [illegible]

FLOUR MILLS
[illegible]

[illegible]

FLOUR MILLS—EQUIPMENT AND SUPPLIES

[illegible]

[illegible]

Composition and stability of complex fluoferrates and fluoberyllates in solution, as provided by solubility data. I.V.Tananaev, A.D.Vinogradova. Zhur.neorg. khim. 5 no.2·321-326 F '60.

FLUOFERRATES

Composition and stability of complex fluoferrates and fluoberyllates in solution, as provided by solubility data. I.V.Tananaev, A D Vinogradova. Zhur. neorg. khim. 5 no.2:321-326 F '60.

FLUORESCENCE

Fluorescence spectrophotometric study of chlorophyll synthesis of homogenates of etiolated leaves [with summary in English]. A.A.Krasnovskii, M.I.Bystrova. Biokhimiia 25 no.1:168-179 Ja-F '60.

Linear fluorescence spectra of organic compounds and their applications. E.V.Shpol'skii. Usp.fiz.nauk. 71 no.2·215-242 Je '60.

Proteins are emitting signals. S.V.Konev. Nauka i zhizn' 27 no.2:28-30 F '60.

FLUORESCENCE MICROSCOPY

Use of blue-light fluorescence microsopy for the detection of molds causing the spoilage of fruit and vegetables. S.A.Kolesnik. Sbor.nauch.rab.INKH no.16: 245-250 '59.

FLUORIDES

Evaluation of the reactivity toward water vapor of the fluorides of metals in group 2 of the periodic system, as viewed in the light of the phenomenon of secondary periodicity. M.A.Mikhailov, E.P.Ozhigov. Soob. Prim.otd.VKHO no.3:55-64 '57.

FLUORINE

Hydrothermal process of defluorination of natural phosphates in a cyclone furnace. S.I. Vol'fkovich and others. Khim.prom. no.8:674-680 D '59.

FLUORINE—PHYSIOLOGICAL EFFECT

Change in the teeth and periodontium in experimental fluorosis. M.I.Tarnavskaia. Probl.stom. 4:143-150 '58.

FLUORINE—TOXICOLOGY

Change in calcium metabolism during fluorine intoxication and the influence of some mineral salts and vitamin D [with summary in English] IU P.Nikitin. Gig i san 25 no 2·34-39 F '60.

FLUORINE ORGANIC COMPOUNDS

Lubricating oils based on organo fluoro compounds. E.P. Braude, A.I.Dintses. Khim.i tekh topl i masel 5 no.2 58-70 F '60.

FLUORITE

(see also subdivision under Transbaikalia)

Flotation of fluorite from silicate ores of the Far East. A G.Baiula, M.IA.IAmpol'skaia, R.T.L'vova. Izv. Sib.otd.AN SSSR no.2 38-45 '60.

FLUOROCARBONS

Chemistry of the vulcanization of the fluoroelastomer viton A. J.F.Smith. Kauch.i rez. 19 no.6·58-63 Je '60.

FLUTTER (AERODYNAMICS)

Applying the method of asymptotic integration to the solution of an equation in the theory of natural vibrations of shells. R.D.Stepanov. Inzh.sbor. 27:207-210 '60.

Behavior of complex eigenvalues in the problem of the panel flutter. A.A.Movchan. Inzh.sbor. 27:70-76 '60.

FLUX (METALLURGY)

Chverko, A.L. [Equipment for the use of flux in automatic and semiautomatic welding] Fliusovaia apparatura dlia avtomaticheskoi i poluavtomaticheskoi svarki. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 152 p.

Smelting ilmenite concentrates with addition of flux. V.A. Reznichenko, V.I.Solov'ev. Titan i ego splavy no.2: 29-34 '59.

FLY ASH

Using dusts from the lead production in the phase analysis for selenium compounds. N.A.Filippova and others. Zav.lab. 26 no.4:401-410 '60.

FLYSCH

(see also subdivision under Sayan Mountains)

Vlassovevich, N.B. [Flysch and methods of studying it] Flish i metodika ego izucheniia. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1948. 216 p.
(CU)

FOAM

OP-10 foaming agent for synthetic glues. S.P.IAnina, V.F.Mitsak. Der.prom. 9 no.2·20-21 F '60.

Problem of improving the properties of foam. N.A. Markanov. Izv.AN Uz.SSR,Ser.tekh.nauk no.1:45-50 '60.

FOAM GLASS see Glass, Cellular

Latex and polyurethan sponge rubber for upholstered furniture. V.I.Kropotov, S.S.Lahkovskii. Der.prom. 9 no.3,4-6 Mr '60

Production of foam rubber goods from latex in the Soviet Union T G Angert Kauch i rez 19 no 2 12-16 F '60

Substitute for Greek sponge M M Brandina Stek i ker 17 no 6 41 Je '60

FOG see subdivision under Kazakhstan

FOL'BORT, GEORGII VLADIMIROVICH, 1885-

Georgii Vladimirovich Fol'bort, on his seventy-fifth birthday anniversary Vrach.delo no.3 231-232 Mr '60

FOLDS (GEOLOGY) see subdivision under Uzbekistan

FOLIC ACID

Use of folic acid in dysentery in young children. I.F. Fazylov Med.zhur.Uzb. no.5,25-27 My '58.

FOLK ART

Problems in folk and applied art V.P.Vygolov Vest AN SSSR 30 no 6 145 Je '60

FOLK LITERATURE see subdivision under Yakutia

FOLK MUSIC see subdivision under Sumy Province

FOLK MUSIC—HISTORY AND CRITICISM

Studying Russian instrumental folk music A.P.Agazhanov. Soob.Inst ist.isk. no.15:118-132 '60

FOLK MUSIC, UKRAINIAN

S.P.Liudkevych and Ukrainian folk music. M.P.Zahaikevych. Nar.tvorch.ta etn. 3 no.4.32-41 O-D '59.

FOLK POETRY, UKRAINIAN

Atheistic motifs in the poetry of toilers. L.A.Lisasota. Nar.tvorch.ta etn. 3 no.4 24-31 O-D '59.

Juliusz Sowacki and Ukrainian folk poetry. I.V.Hlyns'kyi. Nar.tvorch.ta etn. 3 no.4:69-74 O-D '59.

FOLK SONGS—HISTORY AND CRITICISM

"The poetics of Russian folk lyrics", a college textbook by V M Sidel'nikov Reviewed by I Zemtsovskii Sov muz 24 no 3 196-197 Mr '60

FOLK SONGS, UKRAINIAN

(see also subdivision under Podolia; Slovakia)

A.A.Alibb'ev's arrangement of Ukrainian folk songs. B.M.Fil'ts. Nar.tvorch.ta etn. 3 no 4:62-68 O-D '59.

Humorous songs. Selected and supplied with an introductory article and footnotes by Z.I.Vasylenko. Nar. tvorch.ta etn. 3 no.4:141-147 O-D '59.

Recent recording of folk songs to T.H.Shevchenko's poems. O Pravdiuk. Nar.tvorch.ta etn. 3 no.4:161 O-D '59.

FOLKLORE—THEORY, METHODS, ETC.

Folklore during the seven-year plan and some objectives of our folklorists. V.P.Krydan. Nar.tvorch.ta etn. 3 no.4·3-9 O-D '59.

FOLKLORE, CHINESE

Modern Chinese folklore [with summary in English]. B.L. Riftin. Sov.etn. no.1:39-59 Ja-F '60.

FOLKLORE, INDIAN

Legends of the Guarani Indians. Jose Gruz Rolla. Mol. mira no.1·24 '60.

FOLKLORE, UKRAINIAN

(see also subdivision under Odessa Province)

Stupak, IU.P. [Educational significance of Ukrainian folklore] Vykhovne znachennia Ukrains'koho fol'kloru, Kyiv, 1960. 31 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR.Ser.8, no.8)

FOLKLORE, UKRAINIAN—BIBLIOGRAPHY see Bibliography—Folklore, Ukrainian

FOLKLORE, WHITE RUSSIAN

Collected studies of the life and culture of White Russian collective farmers ("White Russian ethnographical collection." Reviewed by O.Kravets', O.Kuven'ova). Nar.tvorch.ta etn. 3 no.4:149-153 O-D '59.

Problems of White Russian folklore in K Krapiva's literary works U R.Bohan. Vestsi AN BSSR.Ser hram nav no 1 105-115 '60

FOOD—ANALYSIS

Mercurometric determination of table salt in food products. A.M.Sushko, Z.A.Emel'ianenko. Soob.Prim. otd. VKHO no.3:73-77 '57.

FOOD—BACTERIOLOGY

Survival of typhoid fever bacilli in vegetables, berries, and fruits under experimental conditions. G R.Azizov. Med.zhur.Uzb. no.6,65-67 Je '58.

FOOD—PACKAGING

New packaging material for the food industry. S.V. Genel', D.V.Konovalova, IA.G.Muravin. Kons.i ov. prom. 15 no.7:23-26 Jl '60.

Chemistry and food Michel Rouze V zashch mira no 4 85-89 Ap '60

First book on the technology of preservation was published 150 years ago. I N.Vol'per. Kons.i ov.prom. 15 no.7 39-40 Jl '60.

Preserved semiprocessed foods for restaurants and lunchrooms. IA.M.Gol'denberg, B.IA.Shnaider. Kons. i ov.prom. 15 no.4 17-19 Ap '60.

Radio electronics and food (digest from "Electronics World," Nov., 1959). Obshchestv.pit. no.3 47-50 Mr '60.

FOOD—PRICES see subdivision under Kemerovo Province

FOOD—STORAGE—CONGRESSES

Conference on a comparative study of the scientific methods used for investigating the storage of potatoes, vegetables, fruits, and berries. V.D.Lugovkin. Kons. i ov.prom. 15 no.3:45-46 Mr '60.

FOOD, CANNED

(see also subdivision under Astrakhan Province)

Ensure a high quality of canned food. Kons.i ov.prom. 15 no.7:1-2 Jl '60.

Ways of improving the structural and operational qualities of storage warehouses for canned goods. K.U.Rashkovskii. Kons.i ov.prom 15 no.4·7-10 Ap '60.

FOOD, CONCENTRATED

(see also subdivision under United States)

Paste-type food emulsions. N.I.Kozin, K.E.Oblovatskaia. Sbor.nauch.rab.INKH no.16:215-218 '59.

Powdered fat for food concentrates. I.N.Vol'per. Kons. i ov.prom. 15 no 4 19-20 Ap '60.

Testing washing machines in the production of food concentrates. G.A.Ivanova, A.M.Prokof'eva, V.P.Petkevich. Kons.i ov.prom. 15 no.3 16-19 Mr '60.

FOOD, CONCENTRATED—STORAGE

Investigating the quality of the soybean-protein food concentrate during storage. K.A.Stepchkov, E.S.Paramonova. Kons.i ov.prom. 15 no.3.28-30 Mr '60.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY

Manufacture of consumers' goods in the seven-year plan. V.Zotov. Sov torg. 33 no.3;3-13 Mr '60.

More high-quality products from potatoes, corn, vegetables, fruits, and grapes. Kons.i ov.prom. 15 no.3: 1-6 Mr '60.

Nuclear radiation in the food industry and in agriculture. L V.Metlitskii Kons i ov.prom. 15 no.7:19-22 Jl '60.

Prepare thoroughly to transfer to the new wage schedule in the food industry. G.Murin. Sots.trud 4 no.12 59-62 D '59.

FOOD INDUSTRY—BIBLIOGRAPHY see Bibliography—Food industry

FOOD INDUSTRY—CONGRESSES

Third Plenum of the Central Administration of the Scientific and Technical Society of the Food Industry. Kons. i ov.prom. 15 no.4.46 Ap '60

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraine)

Manually guided electric cart for the mechanization of loading, unloading, and transportation in food industry enterprises. I M.Kazakov. Kons.i ov.prom. 15 no.7: 37-38 Jl '60

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Manual on consolidated indexes of estimate costs and the expenditure of materials] Spravochnik ukrepnennykh pokazatelei smetnoi stoimosti i raskhoda resursov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit.i stroit.materialam.
No. 1. [Buildings and structures of the fi
food industries] Zdaniia i sooruzh
rybnoi promyshlennosti i prodovol
tovarov. 1959. 99 p.

Scientific session of the All-Union Scientific Res
Institute of Food Processing Machinery. A I F
Sakh.prom. 34 no.3,71 Mr '60.

Session of the Scientific Council of the A
Research Institute of the Food Engi
N.S.Ternovskii. Spirt prom. 26

FOOD INDUSTRY—TECHNOLOGICA
see subdivisio

FOOD PRI
Factors
service
135-149

FOOT
Improving
Farnieva, V
no. 2 107-114

Modification of the Kofmann-Shants operation (transposition of the fibular and posterior tibial muscles in talipes equinus) K. I. Vasil'kova. Trudy Len gos.nauch.-issl inst. travm i ortop no 7:311-315 '58

FOOTINGS, CONCRETE see Concrete footings

FORAGE PLANTS
(see also subdivision under Ukraine)

Stubble crops are of great importance in increasing the feed supply V. S. Fedorov. Vesnyk sil'.hosp.nauky 3 no 3 32-37 Mr '60.

FORAMINIFERA see subdivision under Bering Sea, Okhotsk, Sea of

FORAMINIFERA, FOSSIL see subdivision under Bakhchisaray District, Caucasus, Northern, Laba Valley

FORCE AND ENERGY

Excitation energy transfer and sensitization of chemical reactions during the radiolysis of organic disulfide solutions V. A. Krongauz, Kh. S. Bagdasarian Dokl AN SSSR 132 no 5 1136-1139 Je '60

Problems of energy and electron migration in photosynthesis and oxidation, general discussions of the Faraday Society, Apr 14-16, 1959. A. N. Terenin Biokhimiia 25 no. 1 180-186 Ja-F '60.

"Theory of the transfer of energy and matter" by A. V. Lykov, IU. A Mikhailov. Reviewed by A. F. Chudnouski. Vestsi AN BSSR, Ser. fiz.-tekh nav. no. 1 142-144 '60.

Transfer of energy and its importance in biological systems, a discussion of the Faraday Society. A. N Terenin. Biofizika 5 no 1:107-113 '60.

FOREIGN AID PROGRAM see Economic assistance

FOREIGN INVESTMENTS see Investments, Foreign

FOREMEN see subdivision under Cherepovets, Kolomna, Stalino Province

FORENSIC BALLISTICS

New method for detecting marks left by a shot and determining the distance from the place where it was fired. I Gol'dkhaar. Sov. krim na sluzh. sled. no 12 150-154 '59.

FORENSIC ORATIONS

Vydria, M. A., IA. S. Kiselev, and G. M. Shafir, comps [Forensic orations of Soviet attorneys at law] Sudebnye rechi sovetskikh advokatov Moskva, Gos izd-vo iurid. lit-ry, 1960 270 p.

FORENSIC PHOTOGRAPHY see Photography, Legal

FORENSIC PSYCHIATRY
(see also subdivision under Montreal)

Concept of chronic mental disease in legal psychiatric practice. D. R. Lunts. Probl sud psikh 8 16-36 '59.

Peculiarities in the course of "simple schizophrenia" and problems in legal psychiatric appraisal Sh I TSitsiashvili Probl sud psikh 8 482-499 '59

Peculiarities of in absentia legal psychiatric testimony. IA M Kalashnik Probl. sud. psikh 8:37-51 '59.

FOREST ECOLOGY
(see also subdivision under Veselyy District, Vologda Province)

Effect of the white hare on the reproduction of larch forests in central Yakutia [with summary in English] L. G Dinesman. Biul MOIP Otd biol 64 no 5 17-25 S-O '59

FOREST FAUNA

Geographical variability of the density of forest bird populations in the European part of the U. S. S. R. and adjacent countries [with summary in English] G. A Novikov Zool zhur 39 no 3 433-447 '60

FOREST FIRES

Nature of forest fires and the prediction of general hydrometeorological conditions of weather. S. A. Maksimov. Izv. TSKhA no. 6:233-238 '59.

FOREST INFLUENCES

Role of forest shelterbelts in the increase of farm crop yields in the steppe zone P. E Solov'ev Vest Mosk un Ser biol, pochv, geol, geog 14 no 4:53-61 '59

FOREST INSECTS

"Mil'" disease in caterpillars of the Siberian silkworm (Dendrolimus sibiricus) [with summary in English] A. B Gukasian Izv AN SSSR Ser biol no 2 291-293 Mr-Ap '60

Propagation of forest pests as related to human activity in forestry. A. N. Vorontsov. Okhr prir. i zapov. delo v SSSR no. 4 16-21 '60.

Role of the forest ant (Formica rufa L.) in forest biocenoses in the left-bank area of the Ukrainian Polesye [with summary in English] V. I Grimal'skii Zool zhur 39 no 3 394-398 '60

FOREST LITTER see subdivision under Kola Peninsula

Moose in Kuybyshev Province [with summary in English]. P. P Treskin, V V Polevoi. Zool zhur 39 no. 2 288-292 F '60

FOREST SOILS
(see also subdivision under Iori Gorge)

Studying the fungi of forest soils in Amur Province Z. E. Bekker, T. P Suprun. Bot zhur. 45 no 3 401-410 Mr '60.

FOREST WORKERS

Kochev, IU. [Masters of the Ural forests] Khoziaeva parmy. Syktyvkar, Komi knizhnoe izd-vo, 1959. 43 p.

FORESTRY ENGINEERING

Kanev, N. F. [Forest cultivator, characteristics of the design and operation] Lesnaia pochvoobrabatyvaiushchaia freza, osobennosti konstruktsii i ekspluatatsii Moskva, Goslesbumizdat, 1960. 19 p.

FORESTS AND FORESTRY
(see also subdivision under Karelia, Mari A. S. S. R.; Pamirs)

Bukshtynov, A. D. [Forest resources of the U. S. S. R. and the world] Lesnye resursy SSSR i mira. Moskva, Izd-vo M-va sel'. khoz. SSSR, 1959. 60 p.

Forest trips V Barkov IUn nat. no 5 24-25 My '60

FORESTS AND FORESTRY—CONGRESSES

Mezhvuzovskaia konferentsiia po zashchite lesa, 1st, Moscow, 1957. [Abstracts of reports at the First Intercollegiate Conference on Forest Protection] Tezisy dokladov. Moskva, 1958. 2 v.
(CtY)

FORESTS AND FORESTRY—VALUATION

Classification of timber. I. Z. Polulko. Trudy Kat. lit. AN SSSR no. 19 153-180 '59

FORGING

Cold deformation in the cross section of AK6 alloys. I. P. TSipulin. Trudy MATI no. 44:19-29 '60.

Die forging of rings for universal-joint bearings. M. I. Kalachev, M. E. Makhanek. Mash. Bel no. 6:78-86 '59.

Energy consumed in the press forging of sections. S. N. Tarantov. Trudy MATI no. 44:30-38 '60.

Fields of slip lines in metal forced out into a flange. V. P. Severdenko, E. M. Makushok. Dokl. AN BSSR 4 no. 1:24-27 Ja '60

Influence of section shape on the effect of pressure on D16 and AB alloys. S. N. Tarantov. Trudy MATI no. 44: 13-18 '60.

Investigating conditions of the sealing of defects in metals during upsetting. M. V Rastegaev. Vest. mash. 40 no. 3:51-55 Mr '60.

Investigating metal flow during upsetting with backing rings by means of the variations method. I. IA. Tarnovskii, O. A. Ganago, R. A. Vaisburd Izv. vys. ucheb. zav.; chern met. no. 5.55-60 '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 34. [Forging and fitting operations] Kuznechno-slesarnye raboty. 1960. 72 p.

Using the expansion method in manufacturing shaped parts. A. F. Shcherbakov. Mash. Bel. no. 6:90-93 '59.

FORGING MACHINERY
(see also subdivision under Poland)

Ekimov, K. K. [Mechanization and automatization of forging processes] Mekhanizatsiia i avtomatizatsiia kuznechno-shtampovochnogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 161 p.

High-speed horizontal forging machine. V. K. Kudevich, I. S. Lev. Mash Bel. no. 6:163-167 '59.

The KV235 single-crank open inclinable press with 63-ton capacity V. A Kopish Biul tekh-ekon inform no 2 12-13 '60

Rigidity of automatic cold upsetting machines. E. N. Lanskoi, V. I. Silanov. Vest. mash. 40 no. 3:56-59 Mr '60.

FORGING MACHINERY—MAINTENANCE AND REPAIR

Mechanizing heavy and labor-consuming operations in repairing forging machines. IU. N. Sychev, K. G. Vorob'ev. Mashinostroitel' no 3 4-5 Mr '60.

FORGING MACHINERY—STANDARDS

Requirements of standards for forging and pressing equipment. V. V. Magaziner, I. N. Fil'kin. Standartizatsiia 24 no 3:10-12 Mr '60.

FORMALDEHYDE

High boiling formals from formalin and alcohol. D. M. Vinokurov. Izv. vys ucheb. zav ; khim. i khim. tekh. 3 no 1:190-192 '60.

Mechanism of detoxication of toxins by formalin [with summary in English]. M. A. Torban. Biokhimiia 25 no 1:28-33 Ja-F '60.

Kodivilova. Plast. massy no. 2:19-23 '60.

Redesigning the absorption system of a formalin plant. G. I. Ginevich. Khim. prom. no. 8:710 D '59.

Synthesis of the products of condensation of carbamide and alkyl phenols with formaldehyde, and study of their stabilizing action of lubricating oils. A. M. Kuliev, G. A. Zeinalova, A. B. Abdinova. Azerb. khim. zhur. no. 2. 29-38 '59.

Urea-formaldehyde concentrate as an intermediate in the preparation of carbamide resins for various purposes. I. L. Derkovskaia and others Plast. massy no. 3:13-16 '60.

FORMOZOV, ALEKSANDR NIKOLAEVICH, 1899-

Aleksandr Nikolaevich Formozov as an ecologist and zoogeographer, on his 60th birthday IU. A Isakov. Biul. MOIP Otd biol. 64 no 5 151-160 S-O '59.

FORMS QUADRATIC

An analog of the Euler method for increasing the accuracy of mechanical quadratures. N. P. Keda. Dokl. AN BSSR 4 no. 2 43-46 F '60.

FOUNDATIONS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, stroitel'stva. [Practices i stroitel'stva 1959. 36 p.

Designing structures on an elastic foundation with a secondary effect. Zh. S Erzhanov. Vest. AN Kazakh. SSSR 16 no 3.28-33 Mr '60.

Effect of the heave due to freezing conditions on the stability of buildings and structures M. F Kiselev. [Trudy] NIIOSP no. 30:9-21 '59.

Institute of Foundation Engineering and Underground Construction V. G Bulychev. Izv. ASiA no. 2:168-169 '59

Measuring ground stresses in the foundation of the lock chamber of the Novosibirsk Hydroelectric Power Station S. IA. Eidel'man, E. K. Aleksandrovskaia. Izv. VNIIG 62 157-163 '59.

Methods for improving construction of buildings and structures in permafrost region. V. G. Bulychev. [Trudy] NIIOSP no 30:4-8 '59.

Stability calculations for structures on earth foundations. K. A. Ksenofontov Nauch. zap. MIIVKH 20:31-45 '58.

Thermotechnical calculations of thawing foundations of buildings and structures V. P. Ushkalov. [Trudy] NIIOSP no. 38:25-51 '59.

Vibration of a solid body resting on a mobile elastic foundation P. P. Kul'mach. Izv. VNIIG 60:142-153 '58.

FOUNDING

Castings combining several parts. A. N. Sobolev. Mashinostroitel' no. 3 9 Mr '60.

Chunaev, M. V. [Principles of designing automatic control systems for founding processes] Osnovy konstruirovaniia avtomaticheskikh ustroistv liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 459 p.

Efficiency experts of the Khashuri section K M Shevlidze. Avtom., telem i sviaz' 4 no. 3 27 Mr '60

Mezhvuzovskaia nauchno-tekhnicheskaia konferentsiia, 1957. [Modern achievements in foundry practice, transactions of the Intercollegiate Scientific Technological Conference] Trudy; Sovremennye dostizheniia liteinogo proizvodstva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 338 p.

Soveshchanie po teorii liteinykh protsessov, 3d. [Shrinkage processes in metals, transactions of the Third Conference on the Theory of Founding Processes] Usadochnye protsessy v metallakh, trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 281 p.

FOUNDING—COSTS

Consolidation and specialization of founding production as a factor in the reduction of founding costs. A. A. Vilkov. Nauch. trudy MGEI no. 17:25-45 '59.

FOUNDING—HYGIENIC ASPECTS

Drinking regime in foundry shops. N. Benevolenskaia. Okhr. truda i sots. strakh. 3 no. 2 29 F '60.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Automatic unit for the distribution of the molding mixture F S. Emel'desh Mashinostroitel' no 4 19 Ap '60.

Device for the modification of cast iron by magnesium. Stal' 20 no. 3 287 Mr '60.

FOUNDRIES—TECHNOLOGICAL INNOVATIONS

Mechanization and automation of operations in preparing furnace charges and charging cupolas. V. M Pivko Mekh i avtom. proizv. 11 no 3.31-34 Mr '60.

FOUNDRY RESEARCH

Mechanism of grain refining by low frequency vibration during crystallization. I. I. Novikov, G. A. Korol'kov, V. S. Zolotorevskii. Izv. vys. ucheb. zav., chern. met. no. 5.130-134 '60.

[illegible]

FRANCE — FOREIGN ECONOMIC RELATIONS — RUSSIA

[illegible]

FRANCE — FOREIGN RELATIONS

[illegible]

FRANCE — FOREIGN RELATIONS — RUSSIA

[illegible]

FRANCE — INTELLECTUAL LIFE

[illegible]

FRANCE — LABOR AND LABORING CLASSES

[illegible]

FRANCE — LABOR SUPPLY

[illegible]

FRANCE — MEASURING INSTRUMENTS

[illegible]

FRANCE — MEDICAL JURISPRUDENCE

[illegible]

FRANCE — MOTION PICTURE PLAYS

[illegible]

FRANCE — PIPE, STEEL, WELDING

Production of large diameter welded pipes in West Germany and France [illegible]

FRANCE — PRODUCTION STANDARDS

[illegible]

FRANCE — RADIO AND MUSIC

[illegible]

FRANCE — RELATIONS (GENERAL) WITH RUSSIA

[illegible]

Visit of friendship and peace, N. S. Khrushchev in France, [illegible]

[illegible]

FRANCE — RUBBER, SYNTHETIC

[illegible]

FRANCE — SOCIAL CONDITIONS

[illegible]

FRANCE — SOCIALIST PARTY

[illegible]

FRANCE — TRADE UNIONS

[illegible]

FRANCE — WOMEN, EMPLOYMENT

[illegible]

FRANCE — WORLD WAR, 1939-1945 — UNDERGROUND MOVEMENT

[illegible]

FREEDOM OF THE SEA

[illegible]

FREIGHT AND FREIGHTAGE

[illegible]

FRENCH LANGUAGE — STUDY AND TEACHING

[illegible]

FRENCH LANGUAGE — TRANSLATING

[illegible]

FREQUENCY CHANGERS

[illegible] 10 Ap '60.

How to prevent damage to frequency triplers. B. Z. Valnshtein. [illegible] no. 2 20 [illegible] '60.

Static converters of frequency from 50 to 300 cycles. A. V. [illegible] [illegible] no. [illegible] '60.

FREQUENCY CURVES

Determination of the positive interval of real frequency characteristics from the transient function curve. [illegible] Avtom. i telem. [illegible] no. [illegible] '60.

Treatment of experimental frequency characteristics. G. I. Mons[illegible] Avtom. i telem. 21 no. [illegible] '60.

FREQUENCY MEASUREMENTS

Combined oscillographic method for the comparison of frequencies. A. I. [illegible] [illegible] no. [illegible] '60.

The [illegible] instrument for measuring group time of frequency propagation. [illegible] no. [illegible] '60.

Model of a cesium frequency standard. M. I. [illegible] and others. [illegible] no. [illegible] '60.

Oscillographic measurement of the frequency deviation of frequency modulated oscillations. [illegible] and others. [illegible] no. [illegible] '60.

Treatment of experimental frequency characteristics. G. I. Mons[illegible] Avtom. i telem. [illegible] no. [illegible] '60.

FREQUENCY REGULATION

Automatic phase frequency adjustment in the presence of [illegible] [illegible] Avtom. i telem. [illegible] no. [illegible] '60.

Optimum frequency control of electric induction motors [illegible] [illegible] Petrov. Avtom. i telem. [illegible] no. [illegible] '60.

FRESH WATER BIOLOGY

[illegible] of the accumulation of radioactive [illegible] of 16 different elements by fresh water organisms and the effect of the EDTA complexon on some of them. [illegible] '60.

[illegible] investigation of water from a biological [illegible] [illegible]

FRESH WATER FAUNA. See subdivision under [illegible] Reservoir

FRESH WATER FLORA

(See also subdivision under [illegible] Reservoir)

[illegible]

FRIDOLIN, [illegible], 1850-1930

Weltz, [illegible] [illegible] [illegible] Moskva, [illegible] 607 p.

(MH)

FRICTION

[illegible]

[illegible]

[illegible]

Method of [illegible] [illegible]

[illegible]

[illegible]

Some [illegible] with [illegible] [illegible] no. [illegible] '60.

FROGS

(See also subdivision under Animals)

[illegible]

FROST

[illegible] 1959. 15 p.

[illegible]

[illegible]

Increasing [illegible] of concrete. [illegible] '60.

Winter concreting with the use of [illegible] [illegible]

FROZEN GROUND

(See also subdivision under [illegible] Valley (Region))

Construction and [illegible] [illegible]

Determining the [illegible] [illegible]

Effect of the [illegible] [illegible]

Effect of the [illegible] [illegible]

Engineering [illegible] [illegible]

[illegible]

Methods for [illegible] [illegible]

[illegible]

FROZEN GROUND - MAPS [illegible]

FROZEN GROUND - [illegible] [illegible]

FRUIT - CHEMICAL COMPOSITION

[illegible]

[illegible]

FRUIT - PRESERVATION

[illegible], A. V. [illegible] [illegible] 1959. 92 p.

(DA)

[illegible]

FRUIT - [illegible]

[illegible]

FRUIT CULTURE

(See also [illegible])

[illegible]

[illegible], V. A. [illegible]

(DA)

[illegible]

FRUIT JUICES

(See also [illegible])

Method of [illegible] [illegible]

[illegible]

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

[illegible]

[illegible]

[illegible] M. V. [illegible] 1959. [illegible] p.

(MH)

FRUNZE - AUTOMOBILES [illegible]

[illegible]

FUČÍK, JULIUS, 1903-1943

A close-up of the heroic life; new information [illegible] [illegible] 244 [illegible]

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[illegible]

Sea materials on the Bol[illegible] of the [illegible] Mr '60.

[illegible] in Amur Province [illegible]

[illegible] THERAPEUTIC [illegible]

[illegible]

[illegible], PATHOLOGIC

[illegible]

[illegible], PHYSIOPATHOLOGIC

[illegible]

[illegible]

FURNACES, HEATING

Converting heating furnaces of plate rolling mills to operation on natural gas. I. S. Zhilin. Stal' 20 no.3 [illegible] Mr '60.

Efficient number of soaking pits for blooming mill operation. [illegible] Stal' 20 no.3 [illegible] Mr '60.

FURNITURE

Automatic compartment-type drying chamber. L. Kh. [illegible], M. P. Bondarev. Der. prom. 9 no. [illegible]

Interior decoration of one-family apartments. K. [illegible] Arkhit. i stroi. Mosk. 8 no.7 [illegible] '59.

[illegible] and polyurethane sponge rubber for upholstered furniture. V. I. [illegible], [illegible] Der. prom. 9 no. [illegible] Mr '60.

Modern furniture for new apartment. [illegible] Mr '60.

[illegible] automatic control of [illegible] conveyers from operator's position. V. I. [illegible] Der. prom. 9 no. [illegible] '60.

[illegible] for [illegible] the electric [illegible] of [illegible] furniture. [illegible] Der. prom. 9 [illegible] '60.

FURNITURE - EXHIBITIONS

(See also subdivision under Moscow)

[illegible] exhibition of furniture [illegible] for public and administrative building. Der. prom. 9 no. [illegible] Mr '60.

FURNITURE - PRICES

Retail prices on furniture. [illegible] V. Zhukov. Nauch. trudy [illegible] '59.

FURNITURE INDUSTRY

[illegible] for the furniture industry. [illegible] Der. prom. 9 no. [illegible] '60.

Ways of building kitchen furniture. V. [illegible] Prom. [illegible] no. [illegible] Mr '60.

FURNITURE INDUSTRY - EQUIPMENT AND SUPPLIES

(See also subdivision under Moscow)

[illegible]

FURNITURE INDUSTRY - STANDARDS

[illegible] for furniture [illegible] Der. prom. [illegible] Mr '60.

FURNITURE WORKERS see subdivision under [illegible]

[illegible]

[illegible]

FUSES, ELECTRIC see Electric fuses

[illegible]

[illegible] A. O. [illegible]

GABONESE REPUBLIC - POLITICS AND GOVERNMENT

[illegible]

GADOLINIUM [illegible]

[illegible]

GADZHI, ABRAHAM [illegible], 1901-1959

[illegible]

GALAXIES

[illegible]

[illegible]

[illegible]

[illegible]

GALAXY see Milky way

GALENA

[illegible]

GALICIA—HISTORY

Kompaniiets', I. I. [Condition and the struggle of the workers of Galicia, Bukovina, and Transcarpathia at the beginning of the 20th century, 1900-1919] Stanovyshche i borot'ba trudiashchykh mas Halychyny, Bukovyny ta Zakarpattia na pochatku XX st., 1900-1919 roky. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 370 p.

GALICIA—LAND TENURE

Herasymenko, M. P. [Agrarian relations in Galicia during the period of the crisis of the corvee economy] Agrarni vidnosyny v Halychyni v period kryzy panshchynnoho hospodarstva. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 302 p.

GALL BLADDER

Motor function of the gall bladder in the healthy individual following ingestion of butter, X-ray observation. B. M. Astapov. Vrach. delo no. 3:245-247 Mr '60.

GALL BLADDER—DISEASES

Intradermal epigastric novocaine block in the differential diagnosis and treatment of cholecystitis and gastric and duodenal ulcer. A. B. Aliev. Azerb. med. zhur. no. 3:56-57 Mr '60.

Kidney function in patients with chronic diseases of the liver and gall bladder. L. S. Kvint. Zdrav. Belor. 6 no. 2:26-27 F '60.

New diagnostic symptom in cholecystitis. I. S. IAnover. Vrach. delo no. 2:193 F '60.

Roentgenodiagnostic significance of functional changes in the stomach and the duodenum in diseases of the gallbladder and bile ducts [with summary in English] I. Chochalac. Vest. rent. i rad. 35 no. 1:9-14 Ja-F '60.

Venous pressure in acute cholecystitis. B. N. Nazarov. Med. zhur. Uzb. no. 10:28-29 O '58.

GALL BLADDER—SURGERY

Surgical technics in acute cholecystitis [with summary in English] B. K. Osipov. Khirurgiia 35 no. 12:3-7 D '59.

GALLS (BOTANY)

Structure of galls and malformations in plants of the goosefoot family of Central Asia [with summary in English] F. I. Slepian. Bot. zhur. 45 no. 2:181-205 F '60.

GALVANOMETER

Errors of galvanometers in an integrating regime. L. A. Biber. Elektrichestvo no. 3:77-81 Mr '60.

GALVANOPLASTY see Electrometallurgy

GAMES

Byleeva, L. V., and V. G. IAkovlev. [Active games] Podvizhnye igry. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 223 p.

Games and dances for three and four-year-old children. V. Kuklovs'ka. Doshk. vykh. 21 no. 3:35-38 Mr '60.

A good means of education ("Club activities and games in the practice of A. S. Makarenko" by V. N. Terskii. Reviewed by I. Mar'enko). Nar. obr. no. 6:111-115 Je '60.

"Studies in Cheremis," Vol. 6: Games [in English] by Thomas A. Sebeok, Paul G. Brewster. Reviewed by T. Smirnova. Sov. etn. no. 1:161-162 Ja-F '60.

GAMMA GLOBULIN

Globulin fractions of blood serum in various forms of endocarditis and in circulatory insufficiency. A. A. Aizenberg, E. A. Bordakina. Mat. po obm. nauch. inform. no. 2:5-9 '58.

GAMMA RAYS

Certain factors influencing the intensity of gamma radiation from a betatron. M. D. Avramenko. Izv. vys. ucheb. zav.; fiz. no. 6:131-134 '59.

Effect of solids on the process of decomposition of CCl_4 in aqueous solutions under the influence of gamma radiation. A. S. Baberkin, N. P. Krushinskaia, M. A. Proskurnin. Dokl. AN SSSR 132 no. 6:1329-1331 Je '60.

Investigating gamma ray distribution in rocks. E. M. Filippov. Prikl. geofi. no. 24:100-120 '60.

Relation between the "roentgen" and the energy of γ-radiation falling on one square centimeter. S. P. Kruglov, Z. Kovarzh, I. V. Lopatin. Izv. vys. ucheb. zav.; fiz. no. 6:139-144 '59.

Using the Cherenkov spectrometer for measuring the energy of gamma-ray quanta. V. S. Pantuev, M. N. Khachaturian, I. V. Chuvilo. Prib. i tekh. eksp. no. 1:10-22 Ja-F '60.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Determining the content of moisture in wood on continuous production lines using gamma rays. B. K. Lafatosh. Trudy RISI no. 15:73-83 '58.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Change in the biochemical properties of wheat under gamma irradiation. N. I. Sosedov and others. Trudy VNIIZ no. 36:42-83 '59.

Comparative pathomorphology of the spleen of white mice following external gamma radiation with radioactive cobalt (CO_{60}) and internal beta radiation with radioactive phosphorus (P_{32}) [with summary in English] IU. A. Barshtein. Vrach. delo no. 4:389-391 Ap '60.

Effect of different doses of ionizing radiation on the micro-organisms of grain. O. P. Pod''iapol'skaia. Trudy VNIIZ no. 36:84-104 '59.

Effect of irradiation of certain stages of oxidative conversion of carbohydrates in the rat liver [with summary in English] G. A. Kochetov. Biokhimiia 25 no. 1:73-79 Ja-F '60.

Nature of radiation damage of bacteriophage T_4, inactivated by gamma rays. G. E. Fradkin, IU. P. Vinetskii. Dokl. AN SSSR 132 no. 5:1204-1205 Je '60.

GAMMA RAYS—THERAPEUTIC USE

Course of metastatic sarcoma of the lung during gamma-ray and sarcolysin therapy. R. M. Rabinovich, O. N. Nikonova. Vest. rent. i rad. 35 no. 1:66 Ja-F '60.

GANGLION, GASSERIAN see Gasserian ganglion

GARAGES see subdivision under Basel (Switzerland)

GARDENING

[Everything for the orchard and garden, catalog-handbook on fruit and vegetable culture, orchard and garden equipment, fertilizers and insecticides] Vse dlia sada i ogoroda, katalog-spravochnik po sadovodstvu i ogorodnichestvu, sadovo-ogorodnomu inventariu, udobreniiam i iadokhimikatam. Leningrad, [Izd. Leningr. kombinata Rostorgreklama] 1960. 166 p.
(DA)

Lenin taught us to beautify the earth. IUn. nat. no. 4:4-9 Ap '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 18 [Gardening and landscaping] Sadovo-parkovye raboty. 1960. 36 p.

GARDENING—SOCIETIES, ETC

Pokrovskii, I. F. [Legal status of the horticultural societies of workers and employees] Pravovoe polozhenie tovarishchestv rabochikh i sluzhashchikh. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 75 p.

GARLIC see subdivision under Alma-Ata

GARNET see subdivision under Yakutia

GAS—BIBLIOGRAPHY see Bibliography—Gas

GAS—HEATING AND COOKING

Full automatic control. N. Skvortsov. Zhil.-kom. khoz. 10 no. 3:32-33 '60.

Two-pipe waste-gas heater for apartment-house boiler rooms. Biul. tekh. inform.; tsv. met. (?) no. 13:69-72 '59.

GAS, NATURAL

(see also subdivision under Kagan District, Promyshlennyy, Yakutia, United States, White Russia)

Brief news from the gas industry abroad. R. E. Leshchiner. Gaz. prom. 5 no. 6:52-53 Je '60.

Calculation of the bottom pressure of gas and gas condensate wells based on surface measurements. F. I. Petrushevskii. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2:59-63 '60.

Converting heating furnaces of plate rolling mills to operation on natural gas. I. S. Zhilin. Stal' 20 no. 3:278-279 Mr '60.

Effectiveness of the use of natural gas in the cement industry. I. IA. Furman, L. I. Lapina. Gaz. prom. 5 no. 6:35-39 Je '60.

Experimental study of the process employed for the production of synthesis gas, involving the oxidation of natural gas by oxygen and a subsequent reduction of the oxidation products by the fuel carbon. N. V. Lavrov, I. I. Chernenkov, V. V. Korobov. Trudy IGI 11:56-65 '59.

Flame processing of metals. A. G. Luniakin. Gaz. prom. 5 no. 6:28-32 Je '60.

"Gas resources of the U. S. S. R." Reviewed by L. Semenov. Gaz. prom. 5 no. 6:55 Je '60.

Internal corrosion of pipelines by corrosive casing-head gases. A. A. Gonik. Gaz. prom. 5 no. 3:41-46 Mr '60.

L'vov, M. S., and A. A. Keller. [Petroleum and gas industries of the U. S. S. R. in the seven-year plan] Neftianaia i gazovaia promyshlennost' SSSR v semiletke. Moskva, Gosplanizdat, 1960. 84 p.

Methods of studying the hydrogen sulfide content of natural gases. A. K. Karpov, V. F. Simonenko. Gaz. prom. 5 no. 6:11-13 Je '60.

Negative volume in mixtures of methane with different hydrocarbons. A. S. Velikovskii, G. S. Stepanova. Gaz. prom. 5 no. 6:6-11 Je '60.

Search for "big oil." V. F. Solov'ev. Nauka i zhizn' 27 no. 2:22-27 F '60.

GAS, NATURAL—BIBLIOGRAPHY see Bibliography—Gas, Natural

GAS, NATURAL—GEOLOGY

(see also subdivision under Abramov region (Stalingrad Province), Caspian Depression, Kara Kum, Ural Mountain region, West Siberian Plain)

Relationship between the gas potential of layers and the tectonic pattern of coal deposits. K. I. Bagrintseva, V. V. Shershukov. Razved. i okh. nedr 25 no. 12:7-12 D '59.

GAS, NATURAL—PIPELINES

(see also subdivision under White Russia)

Dzharkak-Tashkent gas pipeline. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2:80 '60.

In the Main Administration for the Supply and Distribution of Gas to Cities of the U.S.S.R. Gaz. prom. 5 no. 3:51-52 Mr '60.

Interconnecting gas mains. V. I. Khalatin and others. Gaz. prom. 5 no. 2:40-42 F '60.

Reducing the working pressure and increasing the diameter of gas mains. R. IA. Pechenikov, S. G. Rabichova. Gaz. prom. 5 no. 6:44-47 Je '60.

Regulations for the technical operation of gas mains. P. Kuznetsov. Gaz. prom. 5 no. 6:54 Je '60.

Starting up a gas pipeline. Gaz. prom. 5 no. 3:52 Mr '60.

GAS, NATURAL—PRICES

Price determination of fuel oil and gas. T. I. Ankarskii. Nauch. trudy MGEI no. 17:61-78 '59.

GAS AND OIL ENGINES

(see also subdivision under Ul'yanovsk)

Determining the thermal state of the piston of a working cylinder in an internal combustion engine. A. K. Kostin. Trudy LPI no. 187:148-157 '56.

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. [Proceedings of the Second Scientific Technological Conference at the Moscow Technical College, section of internal combustion engines] Trudy 2-oi Nauchno-tekhnicheskoi konferentsii MVTU, sektsiia dvigatelei vnutrennogo sgoraniia. Moskva, 1945. 55 p.

Use of electronics for studying combustion processes in motors with spark ignition. V. P. Kovalev, V. M. Petrov. Trudy LPI no. 187:131-136 '56.

Water-jet gas propulsion engine for ships. E. Maksimov. Znan. sila 35 no. 3:32 Mr '60.

GAS AND OIL ENGINES—MUFFLERS

Designing muffler ejectors. B. K. Skripach. Prom. aerodin. no. 14:51-64 '59.

Investigating some flow distribution systems in mufflers. N. N. Verevkin, A. I. Loshkov. Prom. aerodin. no. 14:65-79 '59.

GAS AND OIL ENGINES—TESTING

Theory of the performance of a carburetor engine in case of accelerated rotation of the crankshaft. G. N. Zlotin. Izv. vys. ucheb. zav.; mashinostr. no. 7:96-105 '59.

GAS APPLIANCES

Gas appliances for district and domestic use changed-over to operate on compressed gas. V. S. Beliunova, I. G. Chernyshova, M. A. IUrlova. Gaz. prom. 5 no. 2:24-28 F '60.

GAS AS FUEL

Comparison of gas and electric heating systems in industrial furnaces. A. A. Shchukin, A. A. Shchukin, jr. Gaz. prom. 5 no. 6:20-28 Je '60.

In the Scientific and Technical Society of the Power Industry. Gaz. prom. 5 no. 3:53 Mr '60.

GAS AS FUEL—CONGRESSES

Conference on the coordination of scientific research on the use of fuel gas in the national economy. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:150-152 My-Je '60.

GAS BURNERS

(see also subdivision under United States)

Flameless radiation injector burners. A. M. Levin, A. V. Markovskii. Gaz. prom. 5 no. 3:20-24 Mr '60.

Gas cock made of kapron. N. A. Venediktov, P. IA. Aframovich, V. M. Fursaov. Gaz. prom. 5 no. 6:32-35 Je '60.

Imported automatic safety device for gas burners. A. Vysholesskii and others. Gaz. prom. 5 no. 2:54-56 F '60.

GAS DISTRIBUTION

(see also subdivision under Krasnodar; Orenburg)

Bibliography. Gaz. prom. 5 no. 2:3 of cover F '60.

Certain considerations in selecting a system of gas supply for industrial enterprises. D. V. Karpov. Gaz. prom. 5 no. 2:20-24 F '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 9. [Interior sanitary-engineering installations] Vnutrennie sanitarno-tekhnicheskie raboty.

No. 1. [Heating, water supply, sewer system, and gas supply] Otoplenie, vodoprovod, kanalizatsiia i gazosnabzhenie. 1960. 63 p.

[illegible]

Review of [illegible] and [illegible]'s book "[illegible]" [illegible] A. A. Dorfman, [illegible]

GAS WELDING AND CUTTING

[illegible] gas cutting machine. [illegible] no.7:10 '60.

Machine for the gas cutting of pipes. [illegible] '60.

[illegible]

[Welding] [illegible] 1960. [illegible] p.

[illegible]

GAS WELDING AND CUTTING - EQUIPMENT AND SUPPLIES

[illegible]

GAS WELLS

[illegible]

[illegible]

GASOLINE

Chemical composition of the light fractions of [illegible] crude oil [illegible] Mr '60.

Discharging gasoline having high vapor tension from tank cars to the consumer. V. A. Avetisov. Neftianik 5 no.[illegible] My '60.

Hydrofining of the "[illegible]" gasoline distillate. [illegible] Trudy [illegible] '60.

GASSERIAN GANGLION

Condition of the [illegible] ganglion in neurodystrophic processes following injury to the trigeminal nerve. I. D. Bronshtein. Probl. stom. 5:30-38 '60.

GASTEROMYCETES

(See also subdivision under Kazakhstan, Ukraine)

Regarding [illegible]'s article "Morphological features of the Gasteromycetes from the point of view of their adaptation," from the "Botanicheskii zhurnal," no. 1, 1959 [illegible] Bot. zhur. 45 no.1 [illegible] '60.

GASTRIC JUICE

Determination of chlorides in gastric juice by the argentometric titration method (Mohr's method). I. B. Gorbenko, [illegible] Lab. delo 6 no.2:20-22 Mr-Ap '60.

Gastric secretion and the [illegible] of the gastric [illegible] temperature [illegible] Med. zhur. [illegible] Ap '60.

[illegible]

GASTROSCOPY

[illegible] experience in the use of gastroscope for the diagnosis of [illegible] and duodenal [illegible] Vrach. delo no.4:415 Ap '60.

GATES, HYDRAULIC

[illegible]

GAUGES

[illegible]

GAVRILOV-YAM - SCHOOLS

[illegible]

GAVRILOVICH, A. G., 1898-1960

[illegible]

GEAR CUTTING

[illegible] Ap '60.

GEAR CUTTING MACHINES

(See also [illegible])

[illegible] [Gear finishing machines, manual] [illegible] 1960. [illegible] p.

GEAR CUTTING MACHINES - MAINTENANCE AND REPAIR

[illegible] [Adjustment of gear cutting machines] Naladka zuboreznykh stankov. Izd. 2., ispr. i dop. Moskva, [illegible] mashinostroit. lit-ry, 1960. [illegible] p.

GEARING

GEARING—CONGRESSES

Conference on reducing size and weight of gear transmissions. G.V.[illegible] Stan i instr. 31 no.3: 42-43 Mr '60.

GEARING, BEVEL

Toothed conic block composed of involute bevel gear wheels. [illegible] Izv. vys. ucheb. zav.; mashinostr. no.7:69-70 '59.

GEARING, BEVEL—STANDARDS

Tolerances for low module bevel gears. M.P.Kozlov. Standartizatsiia 24 no.3:15-18 Mr '60.

GEARING, BEVEL—TESTING

Endurance analysis of bevel gears which are used in motor vehicle differentials. A.I.Chelomey. Sbor. nauch. trud. Bel. politekh. inst. no.75:[illegible] '59.

Using a tangential tooth gauge for measuring the [illegible] of bevel pinion teeth. A.I.Chelomey. Sbor. nauch. trud. Bel. politekh. inst. no.75:[illegible] '59.

Analyzing the meshing of spiral gears in [illegible] N.F.Remeslova. Vest. mash. 40 no.4:[illegible] Ap '60.

GEARING, SPUR

Straight tooth involute gears with a higher than two engagement factor. M.D.Genkin, Iu.A.Mishurin. Vest. mash. 40 no.3:9-17 Mr '60.

GEARING, SPUR—TESTING

Using measuring worms in overall inspection of spur gears with single profile meshing. M.N.[illegible] Izm. tekh. no.3:1-2 Mr '60.

GEESE

Possibility of mass capture of geese for banding. [illegible] V.[illegible] Migr., ptits no.1:109-110 '59.

GELATIN

Structural and mechanical properties of solutions, gels and coagulates (concentrates) of gelatin [with summary in English]. V.A.[illegible] N.IA.[illegible] Koll. zhur. 22 no.1:[illegible] Ja-F '60.

GELATION

Gelation of carboxylated latexes. A.M.[illegible], B.S.[illegible], V.V.Chernaia. Kauch. i rez. 19 no.6:34-40 Je '60.

Radioactive indicator study of the gelation of rubber latexes [with summary in English]. [illegible] M.E.[illegible] Koll. zhur. 22 no.1:[illegible] Ja-F '60.

GEL'FREIKH, VLADIMIR GEORGIEVICH, 1885—

Vladimir Georgievich Gel'freikh. N.[illegible] Arkhit. SSSR no.6:[illegible] '60.

GENERATIVE ORGANS

Histological analysis of the winter and spring summer periods in the development of the gonads of Lake Peipus whitefish in waters of Moscow Province [with summary in English]. [illegible] Biul. MOIP [illegible] no.2:[illegible] '60.

GENERATIVE ORGANS, FEMALE—DISEASES

Fungoid diseases of the skin and genitourinary organs in girls and women. [illegible] Vest. derm. i ven. no.4:[illegible] Ap '60.

Prospects for the treatment of gynecological patients at balneological health resorts of [illegible] A.A.[illegible] Med. zhur. [illegible] no.6:[illegible] '59.

GEOCHEMICAL PROSPECTING

Hydrogeological conditions of the [illegible] ore deposits and some results of hydrochemical prospecting. [illegible] A.N.[illegible] Vest. Mosk. un. Ser. [illegible] geol., geog. 15 no.1:[illegible] '60.

GEOCHEMISTRY—CONGRESSES

International Geochemical Conference in Budapest. I.G. Tarasov. Geokhimiia no.2:185-186 '60.

GEODESY

Comments of foreign scientists on M.S.Molodenskii's book "Principal problems of geodetic gravimetry," published in the German Democratic Republic. Geod. i kart. no.3:62-67 Mr '60.

Modern means and methods of establishing transcontinental geodetic systems. A.V.Butkevich. Izv. vys. ucheb. zav.; geod. i aerof. no.1:89-101 '60.

GEODESY—ABSTRACTS

[Astronomy and geodesy; abstracts.] Referativnyi zhurnal: Astronomiia i geodeziia no.12 D '58, nos.1,5-10 Ja, My-O '59.

[Astronomy and geodesy; abstracts nos. 4601-5700.] Referativnyi zhurnal: Astronomiia i geodeziia no.6 Je '60.

GEODESY—STUDY AND TEACHING

Follow up on our articles. Sred. spets. obr. 7 no.1:61 Ja '60.

GEODESY—TABLES, ETC.

Angelov, S.A. [Tables for the reduction of directions to a plane and the calculation of spherical excesses of triangles] Tablitsy redutsii napravlenii na ploskost' i sfericheskikh izbytkov treugol'nikov. Moskva, Izd-vo geodez. lit-ry, 1960. 90 p.

GEOGRAPHICAL RESEARCH

(See also subdivision under: Canada, France)

Activities of the National Committee of Soviet Geographers during the period from January 1959 through March 1960. Information on the records of the [illegible] of the International Geographical Union. [illegible] Izv. AN SSSR. Ser. geog. no.1:[illegible] Ja-F '60.

General assembly of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. [illegible] Izv. AN SSSR. Ser. geog. no.1:[illegible] Ja-F '60.

Work of the Institute of Geography of the Academy of Sciences of the U.S.S.R. in 1959. D.A.[illegible] Izv. AN SSSR. Ser. geog. no.1:[illegible] Ja-F '60.

GEOGRAPHY

(See also subdivision under: Chuvashia, Moscow Province, Vologda Province)

Across the border. Geog. v shkole 23 no.2:63-68 Mr-Ap '60.

Brief news of "[illegible]" [illegible] My '60.

Brief news of "[illegible]" [illegible] Ap '60.

D.N.Anuchin on the development of Russian geography (before 1917). [illegible] '60.

First printed Russian book on geography. [illegible]

In the Soviet Union. Geog. v shkole 23 no.2:58-62 Mr-Ap '60.

Letters to the editors. I.P.Gerasimov. Izv. Vses. geog. ob-va 92 no.3:291 My-Je '60.

New motion pictures on geography. L.IA.[illegible] Geog. v shkole 23 no.2:[illegible] Mr-Ap '60.

The present system of geographical research in the U.S.S.R. [illegible] Vest. Mosk. un. Ser. [illegible] 15 no.1:[illegible] '60.

GEOGRAPHY—ABSTRACTS

[Geography; abstracts.] Referativnyi zhurnal: Geografiia no.4 Ap '60.

[Geography, abstracts nos. 13440-16450.] Referativnyi zhurnal: Geografiia no.6 Je '60.

[Geography, abstracts nos. 16451-19455.] Referativnyi zhurnal: Geografiia no.7 Jl '60.

GEOGRAPHY—CONGRESSES

A [illegible] of the Geographical Society [illegible]

General assembly of active members of the Geographical Society of the U.S.S.R. [illegible] Izv. Vses. geog. ob-va 92 no.3:269-270 My-Je '60.

General resolution of the Third Congress of the Geographical Society of the U.S.S.R. Izv. Vses. geog. ob-va 92 no.3:228 My-Je '60.

[illegible]

Impressions of the Third Congress of the Geographical Society of the U.S.S.R. [illegible]

Results of the Third Congress of the Geographical Society of the U.S.S.R. [illegible]

[illegible]

Third Congress of the Geographical Society [illegible]

GEOGRAPHY—DICTIONARIES

Dictionary of local geographical terms [illegible] '60.

GEOGRAPHY—JUVENILE LITERATURE

"Children's encyclopedia. Vol.1. The earth." Reviewed by [illegible] Izv. Vses. geog. ob-va 92 no.3: 288-289 My-Je '60.

GEOGRAPHY—PERIODICALS

New geographical journal. [illegible] no.3:[illegible] My-Je '60.

A new geographical journal. Izv. Vses. geog. ob-va 92 no.3:290 My-Je '60.

"Soviet geography," an American journal. [illegible] Izv. Vses. geog. ob-va 92 no.3:[illegible] My-Je '60.

GEOGRAPHY—STUDY AND TEACHING

(See also subdivision under: Amur Province, Leningrad)

Developing logical thinking in students during fifth grade geography lessons. K.A.[illegible] Geog. v shkole 23 no.2:31-37 Mr-Ap '60.

Discussing new geography programs. Geog. v shkole 23 no.2:42-45 Mr-Ap '60.

Excursion as a method of reviewing material covered in geography. A.N.[illegible] Geog. v shkole 23 no.2:61-63 Mr-Ap '60.

Excursion to a factory or [illegible] plant. [illegible] Geog. v shkole 23 no.2:[illegible] Mr-Ap '60.

Geographical excursions to a factory with fifth grade students. From the work practice of the [illegible] secondary school, [illegible] Province. [illegible] Mr-Ap '60.

[illegible]

[illegible]

[illegible] Mr-Ap '60.

[illegible]

[illegible] Matveev. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] MAPS

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[illegible] ABSTRACTS

[Geology; abstracts.] Referativnyi zhurnal: Geologiia [illegible] Ja '59.

[Geology; abstracts nos. [illegible]] Referativnyi zhurnal: Geologiia [illegible] Je '60.

[Geology; abstracts nos. [illegible]] Referativnyi zhurnal: Geologiia no.7 Jl '60.

[Geology; abstracts nos. [illegible]] Referativnyi zhurnal: Geologiia no.12 [illegible] '59.

Akademiia nauk URSR, Kiev. [Russian-Ukrainian geological dictionary; 19 000 words] Russko-ukrainskii geologicheskii slovar'. 19 000 terminov. Sost. S. M Golovashchuk i I. L. Sokolovskii Kyiv, Izd-vo Akad. nauk USSR, 1959. 280 p.

GEOLOGY—INTERNATIONAL COOPERATION

History of international bonds in the field of geology D. S. Gordeev, K. P. Mel'nikova Trudy Inst ist est. i tekh 27 191-235 '59

GEOLOGY—MAPS

Method for making maps for purposes of engineering geology. V. L. Dubrovkin, F. G. Chapovskii. Izv. vys. ucheb. zav., geol. i razv. 2 no 10 86-94 O '59.

GEOLOGY—STUDY AND TEACHING see subdivision under Crimean Mountains

GEOLOGY, ECONOMIC

(see also subdivision under Yana Valley, Yakutia)

Borovikov, P. P. [Formation of mountains and mineral resources] Obrazovanie gor i poleznykh iskopaemykh. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 51 p.

Erofeev, B. N., and N. A. Beliaevskii. [Geology in the service of the seven-year plan] Geologiia na sluzhbe semiletki Moskva, Izd-vo "Znanie," 1960 28 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no 9)

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Adz'va Valley, Aldan Valley, Altai Mountains, Antarctic regions, Antopol' District, Brest Province, Bol'shaya Shaytanovka Valley, Carpathian Mountains; China; Crimea, Crimean Mountains, Donets Basin, Gornyy Altai, Kalinkovichi District, Kara-Bogaz region, Karatayka Valley, Kazakhstan, Khanmey Valley, Kharbey Valley; Khrami Valley, Kizak Valley, Krasnyi Yar, Volga Valley, Lena Delta region, Moldavia, Podolia, Saratov Province, Siberia, Western; Sumgait Valley, Tatar A.S.S.R., Ukraine, Ural Mountains; Verkhoyansk Range, Vyatka Uval, West Siberian Plain, Yana Valley, Yakutia, Zeya)

Akademiia nauk SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. [Transactions of the Seventh Commission on the Determination of the Absolute Chronology of Geological Formations, May 8-12, 1958] Trudy Sed'moi sessii . , 8-12 maia 1958 g. Moskva, 1960. 432 p.

Stratigraphy of the lower Cambrian. L. N. Repina, V. V. Khomentovskii. Izv. vys. ucheb. zav., geol. i razv. 2 no. 10 3-19 O '59.

Structural cycles in the Dankov-Lebedyan' beds in the central Devonian field V. G. Makhlaev. Izv. vys. ucheb. zav., geol. i razv. 2 no 10 20-28 O '59.

GEOLOGY, STRATIGRAPHIC—PERIODICALS

New works about the Quaternary. A. M. Zhirmunskii. Izv. Vses. geog. ob-va 92 no. 3 290 My-Je '60.

GEOLOGY, STRUCTURAL

(see also subdivision under Akhali-Afoni region; Antarctica; Bakhta Valley, Caucasus; Dnieper Valley, Donets Basin; Kurile Islands; Minusinsk region, Pripet Valley; Queen Maud Land; Sakhalin; Shackleton Shelf-Ice region, Siberia, Eastern; Siberia, Western, Siberian Platform; Taymyr Lowland; Turkmenistan, Ul'yanovsk, West Siberian Plain)

Meshcheriakov, IU. A. [Morphological structures of plains and platforms] Morfostruktura ravninno-platformennykh oblastei. Moskva, Izd-vo Akad. nauk SSSR, 1960, 109 p.

Types of longitudinal river profiles and recent tectonic movements exemplified in the central part of the trans-Volga region. Z. S. Chernysheva. Izv. AN SSSR. Ser. geog. no. 3 84-90 My-Je '60.

GEOLOGY, STRUCTURAL—CONGRESSES

Studying the tectonic structure of Siberia IU. M. Pushcharovskii Vest AN SSSR 30 no. 6 135-136 Je '60

GEOLOGY, STRUCTURAL—MAPS

"Principles of structural geology and geological mapping" by A. E. Mikhailov Reviewed by N. I. Nikolaev and others. Izv. vys ucheb. zav., geol. i razv. 2 no 11: 125 127 N '59.

GEOLOGY AS A PROFESSION

A choice for life. E. Radkevich. Smena 37 no. 5 18-20 Mr '60.

GEOMETRICAL DRAWING—STUDY AND TEACHING

Arekhov, V. Z. [Handbook on technical drawing; geometrical drawing and a collection of problems] Posobie po tekhnicheskomu cherchenilu; geometricheskoe cherchenie i sbornik zadach. Pod obshchei red. N. I. Shinkevicha, Minsk, Red.-izdatel'skii otdel BPI im. I. V. Stalina, 1959. 93 p.

GEOMETRICAL OPTICS see Optics, Geometrical

Weyl and Riemann geometries induces on a surface by straight lines of a canonical family G. N. Tevzadze. Soob. AN Gruz. SSR 23 no 6 649-656 D '59

GEOMETRY, ANALYTIC

Problems of projective bending of families of planes in P_n. L. M. Shepelenko Izv. vys ucheb. zav., mat. no. 1 210-217 '60.

GEOMETRY, DIFFERENTIAL

Canonical quadrics of a complex of lines in projective space. N. I Kovantsov. Mat. sbor 50 no. 2 129-170 F '60.

Differential geometry of ruled V_3 hypersurfaces in R_4. J. Lumiste. Mat. sbor 50 no. 2·203-220 F '60.

GEOMETRY, EUCLIDEAN

Omar Khayyam's theory of parallels. A. E. A. Khatipov. Trudy UzGU no. 78:131-136 '58.

GEOMETRY, NON-EUCLIDEAN

Complete classification of real conic sections in an extended hyperbolic surface I. Sh. Epshtein. Izv. vys. ucheb zav., mat. no. 1·231-243 '60

GEOMETRY, SOLID

Equilibrium of bodies of revolution. V. N. Ionov. Nauch. dokl. vys shkoly, fiz.-mat. nauki no. 3·87-98 '59

GEOPHYSICAL PROSPECTING see Prospecting—Geophysical methods

GEOPHYSICAL RESEARCH

(see also subdivision under Arctic regions, Georgia, Vostok region, Antarctica)

In foreign countries. Mezhdunar. geofiz. god no. 8·91-105 '60

In the Soviet Union. Mezhdunar. geofiz. god no. 8·87-91 '60.

List of leading Soviet institutions responsible for timely submission of the data of the International Geophysical Year to the World Data Center B (subcenters B_1 and B_2). Mezhdunar. geofiz. god no. 8.16-19 '60.

GEOPHYSICS

Our knowledge of the earth is expanding. V. Belousov. Kul't i zhizn' 4 no 4:45-48 '60.

GEOPHYSICS—ABSTRACTS

[Geophysics; abstracts nos. 7011-8510.] Referativnyi zhurnal Geofizika no. 7 Jl '60

GEOPHYSICS—CONGRESSES

Conference on the problem "Sun - troposphere." IU. V. Spiridonova. Izv. AN SSSR. Ser. geog no. 3·157-159 My-Je '60.

GEOPHYSICS—INTERNATIONAL COOPERATION

Information on unions participating in the International Geophysical Year. Mezhdunar. geofiz. god no. 8 85-86 '60.

International scientific unions and problems in the organization of cooperation after the completion of observations foreseen in the program of the International Geophysical Year. A. D. Povzner. Mezhdunar. geofiz. god no. 8:67-84 '60.

GEORGIA—AGRICULTURAL RESEARCH

Theory, practice, life. G. Shkhvatsabaia. NTO 2 no. 4· 38-39 Ap '60.

GEORGIA—BARK BEETLES

Distribution of the bark beetle Ips typographus L. in Georgia. IA. S. Dzhambazishvili. Soob. AN Gruz. SSR 23 no. 6 709-711 D '59.

GEORGIA—BUILDING MATERIALS

Expand the use of local building materials in Georgia. A. Turashvili. Ekon. stroi. no. 3 69 Mr '60.

GEORGIA—CHURCHES

Rcheulishvili, L. D. [Construction at Tigva carried out by the Shirvan Queen Tamara, from the history of 12th century Georgian architecture] Tigva, stroitel'stvo shirvanskoi tsaritsy Tamary; ocherk iz istorii gruzinskogo zodchestva XII veka. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 109 p., 33 p. of illus [In Georgian with summaries in Russian and German.]

GEORGIA—CLOTHING INDUSTRY

Scientific technical conference of Georgia clothing workers. Shvein. prom. no. 1:38 Ja-F '60.

GEORGIA—ECONOMIC POLICY

Gotsiridze, O. D. [Seven-year plan of Georgia] Semiletka Gruzii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (V semiletke)

GEORGIA—FLOODS

Maximum flow resulting from rain in rivers of western Georgia. V. A. Murvanidze. Trudy GGI no. 73:146-189 '60.

GEORGIA—GEOPHYSICAL RESEARCH

Participation of the Institute of Geophysics of the Academy of Sciences of the Georgian S. S. R. in observations foreseen in the program of the International Geophysical Year. V. V. Kebuladze. Mezhdunar. geofiz. god no. 8. 60-64 '60.

Hippopotamus from lower Pleistocene sediments in Georgia A K Vekua Soob AN Gruz. SSR 23 no. 5 561-566 N '59

GEORGIA—HISTORY

Melikishvili, G. A. [A history of ancient Georgia] K istorii drevnei Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959 507 p.

GEORGIA—HYDROROMEITE

Hydroromeite from Gornaya Racha. M. S. Sakharova, L. V. Kocherovskaia, M. E. Fedorova. Vest. Mosk un. Ser. biol., pochv., geol., geog 14 no. 3:149-155 '59.

GEORGIA—INDUSTRIAL HYGIENE

Urgent problems of the trade unions of Georgia M. Lelashvili Okhr truda i sots strakh. 3 no 4 21-27 Ap '60

GEORGIA—INDUSTRIAL MANAGEMENT

Kinkladze, O D. [Mutual control] Vzaimnyi kontrol'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959 31 p.

GEORGIA—METALS, RARE AND MINOR

Concentration and distribution of some rare elements in principal sulfides of lead-zinc and polymetallic ore deposits of Georgia [with summary in English]. T. V. Ivanitskii, N. D. Gvaramadze. Geokhimiia no. 2:139-148 '60.

GEORGIA—MINERS

A miner's fate. G. Bagdasarov. Prof.-tekh. obr. 17 no. 3:29-30 Mr '60.

GEORGIA—PLANTS, PROTECTION OF

Some representatives of relict flora of the Georgian S. S. R. and problems in their preservation. V. Z. Gulisashvili. Okhr prir. i zapov. delo v SSSR no. 4 3-15 '60.

GEORGIA—POLITICS AND GOVERNMENT

Georgia (Transcaucasia) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of Georgia, seventh session, January 9-10, 1959, verbatim report] Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva (sed'maia sessiia) 9-10 ianvaria 1959 goda; stenograficheskii otchet. Tbilisi, Izd-vo TsK KP Gruzii, 1959. 212 p.

GEORGIA—PRECIPITATION (METEOROLOGY)

Diurnal distribution of precipitation in the Georgian S.S R. G I. Chirakadze. Trudy Tbil. NIGMI no. 5:124-130 '59.

GEORGIA—RAILROADS

Efficiency experts of the Khashuri section. K. M. Shevlidze Avtom., telem. i sviaz' 4 no. 3 27 Mr '60.

GEORGIA—ROAD CONSTRUCTION

Work of Georgian road builders under new conditions. Sh. A. Lebanidze. Avt. dor. 23 no. 4:30 Ap '60.

GEORGIA—SCALE INSECTS

Features of Coccoidea of the dark conifer forests of Georgia. Z. K. Khadzhibeili Soob AN Gruz. SSR 23 no. 5 575-582 N '59

GEORGIA—SPORTS

Summing up achievements by Georgian athletes at the Second Spartakiada of the Peoples' of the U.S.S.R. G. V. Sikharulidze. Teor. i prak. fiz. kul'. 22 no. 12: 886-889 '59.

GEORGIA—TECHNOLOGICAL RESEARCH

Brief results of scientific activities of the Tiflis Hydrometeorological Scientific Research Institute during 1953-1958. V. P. Lominadze. Trudy Tbil. NIGMI no. 5:3-10 '59.

GEORGIA—VOCATIONAL EDUCATION

Conference of vocational education personnel in Georgia. Prof.-tekh. obr. 17 no. 3:3 Mr '60.

GEORGIA—WIND POWER

Wind power resources of Georgia; data for use in calculations. E. V. Sukhishvili. Trudy Tbil. NIGMI no. 5 107-114 '59.

GEORGIAN INSCRIPTIONS see Inscriptions, Georgian

GEORGIAN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Georgia S. S. R.; 100 books at the exhibition in Tashkent. Inform. biul. Sov. podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 10 Jl '58.

GERANIOL

Libanotis transcaucasica Schischk. as a new source of geraniol, its variability and adaptation to cultivation A. N Lutkov Trudy Bot inst Ser. 5 no 6 226-249 '60

GERANIUMS see subdivision under Tajikistan

GERBILS—PARASITES see Parasites—Gerbils

GERMAN LANGUAGE—GRAMMAR

"Essays concerning the grammar of the German language" [in German] by J. Erben Reviewed by E I Shendel's Vop iaz 9 no 1 125-127 Ja-F '60

GERMAN LANGUAGE—PHONETICS

Phonetic excercises, based on the German language M A Arenberg. Uch. zap. MGPIIIA 22:269-278 '59.

GERMAN LANGUAGE—STUDY AND TEACHING

International seminar of German language teachers in the German Democratic Republic. V. IArnatovskaia Sov. pedag 24 no. 6:158-160 Je '60

Puppet theater in German. L.D. Agranovskaia Inostr. iaz. v shkole no. 1 81-88 Ja-F '60.

Teaching German in classes with industrial training. I.L. Lenau. Inostr. iaz. v shkole no. 1 65-69 Ja-F '60.

We say: Freudshaft! F. Mezhentsev Sem'ia i shkola 15 no. 3 27 Mr '60

GERMAN LANGUAGE—TRANSLATING

Aspects of translating during analytical reading; based on the German language. A A. Leping Uch zap MGPIIIA 22 215-228 '59.

GERMAN LITERATURE—HISTORY AND CRITICISM

Neustroev, V.P. [German literature of the Age of Enlightenment] Nemetskaia literatura epokhi Prosveshcheniia [Moskva] Izd-vo Mosk. univ., 1958 [cover 1959] 465 p.
(MH)

GERMAN PERIODICALS

The periodical "Weltbuhne" in the social and political struggle, 1914-1933. B S. Lembrikova Uch zap. LGU no 284 113-134 '60.

GERMAN PHILOLOGY

"Contemporary German language" by L. R. Zinder, T.V. Strocva. Reviewed by L. V. Shishkova, G. N. Eikhbaum. Inostr. iaz. v shkole no 1 119-120 Ja-F '60

GERMAN REUNIFICATION QUESTION (1949-

Boys and girls of the entire world declare their solidarity with German youth Mol. mira no. 7 10-11 '59

The right to self-determination or the right to revenge? A. Leonidov. Nov. vrem. 18 no. 24:7-10 Je '60.

GERMANETTO, GIOVANNI, 1885-

Giovanni Germanetto, he will be 75 on January 18. Viktor Fink Inostr. lit. no 1 266 Ja '60.

GERMANIUM

Germanium in coal V I. Losev, T. S Nikiforova Zhur prikl khim 33 no 3 730-732 Mr '60.

Role of secondary electric current carriers in the process of the anodic solution of germanium for use in electronics IU. V. Pleskov Dokl AN SSSR 132 no 6 1360-1363 Je '60

GERMANIUM—ANALYSIS

Quantitative spot analysis of germanium with the use of phenylfluorone B M. Lipshits, G. K. Smirnova. Zav lab 26 no 3:273-274 '60

GERMANIUM—ELECTRIC PROPERTIES

Anisotropy of galvano and thermomagnetic phenomena in electron germanium. I. M. TSidil'kovskii, V.P. Shirokovskii. Fiz. met. i metalloved. 9 no. 3 321-326 Mr '60.

GERMANIUM—SPECTRA

Arnautov, N. V. [Spectrographic determination of germanium in raw minerals] Spektrograficheskoe opredelenie germaniia v mineral'nom syr'e. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1959. 60 p.

GERMANIUM CRYSTALS

Using the URS-50 instrument for determining the orientation of germanium single crystals. G. F. Komovskii, L. A. Voskresenskaia. Zav. lab. 26 no 3 362-363 '60.

GERMANIUM ORGANIC COMPOUNDS—DIPOLE MOMENTS

Dipole moments of some germanium organic compounds. G. N. Kartsev, IA. K. Syrkin, V. F. Mironov. Izv. AN SSSR Otd. khim. nauk no. 5 948-949 My '60.

GERMANIUM-SILICON ALLOYS—ELECTRIC PROPERTIES

Investigating the electrical properties of Ge-Si alloys. B. G. Zhurkin, M G. Kekua, I. N Belokurova. Trudy Inst met no. 5 176-182 '60.

GERMANY—BOUNDARIES

The revival of revanchist activities. D. Umanskii. Mezhdunar. zhizn' 7 no. 7:124-125 Jl '60.

GERMANY—BOUNDARIES—POLAND

Frontier of peace ("Poland, Germany and the Oder-Neisse line" [in German]. Reviewed by G. Korotaevskii). Mezhdunar. zhizn' 7 no. 7:144-146 Jl '60.

GERMANY—COMMUNIST PARTY

Strikes carried out by German agricultural workers during the 1929 through 1932 period and the tactics employed by the Communist Party of Germany. A. D. Galkina. Nauch. dokl. vys. shkoly; ist. nauki no. 2:157-174 '58.

Struggle of the Communist Party of Germany against facist dictatorship, 1933-1945 A S Blank Prep ist. v shkole 15 no 1 23-34 Ja-F '60

GERMANY—CONCENTRATION CAMPS

The right to live; to be continued. Lev. Ginzburg. Nov. vrem. 18 no. 26:22-24 Je '60.

GERMANY—EDUCATION

From the history of German democratic pedagogy of the first half of the 19th century, Karl Friedrich Wilhelm Wander. A I Piskunov. Izv. APN no 105:53-92 '59

GERMANY—FEUDALISM

Characteristics of feudal property based on a study of royal and private property documents in Germany from the 10th through the 12th century N F Kolesnitskii Nauch dokl vys shkoly, ist nauki no 1 140-154 '60

GERMANY—FOREIGN RELATIONS

Germany, Auswartiges amt. [Documents of the German Foreign Office] Dokumenty [Moskva] Gospolitizdat, 1946. 1 v.
(DS)

GERMANY—FOREIGN RELATIONS—JAPAN

Japanese-German relations in connection with the war in China, July 1937-September 1938. D. I. Gol'dberg Uch. zap. LGU no. 282 80-106 '59.

GERMANY—FOREIGN RELATIONS—SPAIN

The policy of the encirclement of France. Z. Belousova, I Kremer. Mezhdunar. zhizn' 7 no. 7:113-120 Jl '60.

GERMANY—FOREIGN RELATIONS—UNITED STATES

Documents on Allen Dulles' secret negotiations with the Nazis in 1943 Nov vrem. 18 no 27 12-19 Jl '60.

GERMANY—RELATIONS (GENERAL) WITH RUSSIA

Book on German Soviet friendship ("Born twice. Book of friendship" [in German]. Reviewed by IU. Mozhaev, N Khudin. Inostr. lit. no. 2:265-266 F '60.

GERMANY—STRIKES AND LOCKOUTS—AGRICULTURAL LABORERS

Strikes carried out by German agricultural workers during the 1929 through 1932 period and the tactics employed by the Communist Party of Germany. A. D. Galkina. Nauch. dokl. vys. shkoly, ist. nauki no. 2:157-174 '58.

GERMANY—TRADE UNIONS

Let the people express their will. Herbert Warnke. Vsem. prof. dvizh no. 5:15 My '60

GERMANY—YOUTH

"Schiller unites the two Germanies." Horst Baerwald. Mol. mira no. 9 9 '59.

GERMANY, EAST

Ausschuss für Deutsche Einheit. [German Democratic Republic, 300 questions and answers] Germanskaia Demokraticheskaia Respublika, 300 voprosov i otvetov. Moskva, Izd-vo inostr. lit-ry, 1959. 260 p.
(CLU)

GERMANY, EAST—ADHESIVES

Metal bonding G. Shvarts Svar proizv no 2 39-42 F '60

GERMANY, EAST—AIRPLANES—MODELS

Airplane models in foreign countries. Kryl. rod. 11 no. 4: 27 Ap '60.

GERMANY, EAST—BONUS SYSTEM

Creating a bonus fund at enterprises of the German Democratic Republic. G. Shiutte. Biul. nauch. inform.: trud i zar. plata 3 no. 2:46-49 '60.

GERMANY, EAST—BOOKSELLERS AND BOOKSELLING

"Books by mail" in the German Democratic Republic Sov knizh torg 12 no 2 39-41 F '60

GERMANY, EAST—BUILDING RESEARCH

Scientific and technical cooperation between the Academy of Construction and Architecture of the U. S. S. R. and the German Academy of Construction. A. I. Kriuchkov. Izv. ASiA no. 2 182-185 '59.

GERMANY, EAST—CAR WHEELS

Expansion wheel pairs. Zhel. dor. transp. 42 no. 3:87-89 Mr '60.

GERMANY, EAST—CHEMICAL INDUSTRIES

Program for the development of the chemical industry in the German Democratic Republic. V. Vinkler. Khim. prom. no. 8:717-718 D '59.

GERMANY, EAST—CLOTHING INDUSTRY

Scientific and technical conference of textile workers in the German Democratic Republic. Shvein. prom. no. 1: 10 Ja-F '60.

GERMANY, EAST—CONSTITUTIONAL LAW

Studies on the socialist state ("Dialectics in the study of the state" [in German] by K. Polak. Reviewed by M. S. Strogovich, A. A. Piontkovskii, I. A. Lediakh). Sov. gos. i pravo no. 6:130-134 Je '60.

GERMANY, EAST—ECONOMICS

Economists of the German Democratic Republic on commodity production and the law of value under socialism. A. Granberg Nauch. dokl. vys. shkoly; ekon. nauki no. 1. 131-139 '60.

GERMANY, EAST—GLIDING AND SOARING

The skill of German glider pilots is improving. M. Golubkov Kryl rod. 11 no. 2:26 F '60

GERMANY, EAST—LAW—PERIODICALS

Main trends in the development of jurisprudence in the German Democratic Republic. Klaus Stelter. Sov. gos. i pravo no 6 134-137 Je '60.

GERMANY, EAST—LIBRARIES

Thirty days in libraries of the German Democratic Republic. T. S. Stupnikova. Bibliotekoved. i bibl. za rub. no. 4:33-54 '59.

GERMANY, EAST—MOTION-PICTURE PLAYS

"The Lorenz case", a German motion picture. Zhen. mira no. 12:30 '59.

GERMANY, EAST—NATIONAL PARKS AND RESERVES

International symposium on problems in the protection of nature in the German Democratic Republic. G P. Dement'ev, L. K. Shaposhnikov. Okhr. prir. i zapov. delo v SSSR no. 4:98-103 '60.

Protection of nature in the German Democratic Republic. M. H. Bonstedt. Okhr. prir. i zapov. delo v SSSR no. 4 110-113 '60.

GERMANY, EAST—PAVEMENTS, CONCRETE—MAINTENANCE AND REPAIR

Maintenance of cement concrete pavements in the German Democratic Republic. V. A. Kireev. Avt. dor. 23 no. 6:27-29 Je '60.

GERMANY, EAST—PHONORECORDS

"Eterna" phonograph records. E. Denisov. Sov. muz. 24 no 3:145-146 Mr '60.

GERMANY, EAST—POLITICS AND GOVERNMENT

"The birth of a new Germany, 1945-1949", the antifascist democratic ascendancy to power and the birth of the German Democratic Republic [in German] by Stefan Doernberg Reviewed by G N Goroshkova. Vop ist. no 6 163-164 Je '60.

An unsound conception. E. Korovin. Nov. vrem. 18 no. 21:20-21 My '60.

GERMANY, EAST—POTATOES

Gukailo, M. M. [Growing potatoes in the German Democratic Republic] Kartofelevodstvo v Germanskoi demokraticheskoi respublike. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 55 p.
(DA)

GERMANY, EAST—RADIO MEASUREMENTS

Radio measuring instruments made in East Germany. A. A. Sosnovskii. Biul. tekh.-ekon. inform. no. 3:65-68 '60.

GERMANY, EAST—RAILROADS

Expansion of railroad transportation in the German Democratic Republic. G. I. Konovalov, N. A. Konovalova. Zhel-dor. transp. 42 no. 4:89-92 Ap '60.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

Friendship between the miners of Krivoy Rog and Mansfeld. N. Gritsenko. Sots. trud 5 no. 3:114-116 Mr '60.

GERMANY, EAST—TARGET PRACTICE

Shooting as a sport in the German Democratec Republic V Gordiuk Voen znan 36 no 6 29 Je '60.

GERMANY, EAST—TECHNICAL EDUCATION

Training of technicians in the Federal Republic of Germany. I. D. Davydov. Sred. spets. obr. 7 no. 3:62-64 Mr '60.

GERMANY, EAST—TECHNOLOGICAL INNOVATIONS

Innovators in East Germany. G. Lutz. Izobr. i rats. no. 4:58 Ap '60.

GERMANY, EAST—TECHNOLOGY—EXHIBITIONS

Tomorrow's skilled workers. H. Khrochek. IUn. tekh. 4 no. 3:47-48 Mr '60.

GERMANY, EAST—TEXTILE INDUSTRY

The path of Irma Richter. G. Piet. Sov. profsoiuzy 16 no. 11:57-58 Je '60.

GERMANY, EAST—VOCATIONAL EDUCATION

German Democratic Republic; ways of progress. Prof.-tekh. obr. 17 no. 2:31 F '60.

GERMANY, EAST—WILDLIFE, CONSERVATION OF

Role of the conservation of nature in recreation for workers. G. Grimm. Okhr. prir. i zapov. delo v SSSR no. 4:104-109 '60.

GERMANY, EAST—WOMEN—EMPLOYMENT

Discussing the right of women to work. Hilda Benjamin, Lilian Jimenez. Zhen. mira no. 11:25-26 '59.

GERMANY, WEST—ARMAMENTS
Arsenal of war in the center of Europe. A. Serbin. Ogonek 38 no. 19:9-10 My '60.

GERMANY, WEST—ARMY
"No," say German youth Ukraina no 6:30 Mr '60

GERMANY, WEST—ARMY—MEDALS, BADGES, DECORATIONS, ETC.
Unheard of shamelessness. N. Nikolaev. Ogonek 38 no 17:25 Ap '60.

GERMANY, WEST—BOILERS
Operating boilers with liquid slag removal in the German Federal Republic. L. B. Krol'. Energokhoz. za rub. no. 5:25-33 S-O '57.

GERMANY, WEST—BONUS SYSTEM
New varieties of bonus systems. IU. Maksimov. Biul. nauch. inform.: trud i zar. plata no. 10:80-82 '59.

GERMANY, WEST—CAPITALISM
West Germany's theory and practice of "people's capitalism" ("People's capitalism in theory and practice" by G. Fabiunke. Reviewed by A. Zhdanov). Sots. trud 5 no. 1:154-158 Ja '60.

GERMANY, WEST—COAL PREPARATION
Expansion of coal preparation in the German Federal Republic. G. Meyer Obog. i brik ugl no 12 62-65 '59.

GERMANY, WEST—COKE INDUSTRY—BY-PRODUCTS
Statistical data on the by-product coke industry in German Federal Republic in 1958. Koks i khim. no. 1 62 '60.

GERMANY, WEST—CONDENSERS (STEAM)
New automatic device for condensate removal. IA. K. Terent'ev (from "Industrie-Anzeiger," no. 4 and 9, 1958) Prom. energ. 15 no. 4:45-47 Ap '60.

GERMANY, WEST—COURTS
"Criminals on the bench" [in English] Reviewed by G. Zhukov Mezhdunar zhizn' 7 no. 6 141-143 Je '60.

GERMANY, WEST—CUTTING TOOLS
Specialization in the cutting-tool industry in the U.S.A., England, and West Germany. Z. G. Magaziner. Stan. i instr. 31 no. 3:33-35 Mr '60.

GERMANY, WEST—DEFENSES
Criminal plans of West German militarism and imperialism are directed against the working classes of the whole Europe. V. Knigge. Vsem. prof. dvizh. no. 5:14-18 My '60.
Inductees born in 1922 say "no!" Mol. mira. no. 12:14 '59.
Kindred spirits. Nov. vrem. 18 no. 26:10 Je '60.

GERMANY, WEST—DIESEL LOCOMOTIVES
The 3,000 hp. diesel locomotive with hydraulic transmission. (from "Diesel railway Traction," nos. 328 and 329, 1959). Elek. i tepl. tiaga 4 no. 2 46 F '60.

GERMANY, WEST—DISARMAMENT
Forbid atomic weapons and induction into military service in West Germany. Henriette Dreyfus. Zhen. mira no. 2:29-30 '60.

GERMANY, WEST—ECONOMIC CONDITIONS
Status of the working class in West Germany. A. Stulov. Otv. na vop. trud. no. 109:51-57 '59.
West Germany's theory and practice of "people's capitalism" ("People's capitalism in theory and practice" by G. Fabiunke. Reviewed by A. Zhdanov). Sots. trud 5 no. 1:154-158 Ja '60.

GERMANY, WEST—ELECTRIC TRANSFORMERS
New system for the protection of power transformers (from "Elettrotecnica," 43, no. 6, 1956). N N Antoshin Energokhoz. za rub. no. 5:43-45 S-O '57.

GERMANY, WEST—FASCISM
Ghosts of the past are wandering... A. Fedotov. Smena 37 no. 5.21 Mr '60.

GERMANY, WEST—FLOUR AND FEED TRADE
Use of antibiotics in the mixed feed industry of West Germany. G. Badyshev. Muk.-elev. prom. 26 no. 2: 30-31 F '60.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—ASIA
Monopolistic expansion of the Federal Republic of Germany in Southeastern Asia. V. Arkhipov. Mir. ekon. i mezhdunar. otn. no. 6:114-116 Je '60.

GERMANY, WEST—FOREIGN RELATIONS—UNITED STATES
Kindred spirits. Nov. vrem. 18 no. 26:19 Je '60.

GERMANY, WEST—GLASS MANUFACTURE
Methods for clarifying the glass mass in tank furnaces. Stek. i ker. 17 no. 2:44 F '60.

GERMANY, WEST—GOVERNMENT OWNERSHIP
State monopoly enterprises of West Germany. A. A. Demin. Vest. LGU 15 no. 11:124-132 '60.

GERMANY, WEST—HARDBOARD
Production line equipment for the manufacture of particle board and plywood (from "Holz als Roh- und Werkstoff," No 4, S' 1959) Der. prom. 9 no. 3 29-30 Mr '60

GERMANY, WEST—MILITARISM
"The philosophy of crime, against the ideology of German militarism" [in German] Reviewed by M IAkovlev Kommunist 37 no 10 156-160 Jl '60
Political clericalism in the service of West German militarists. W. Bart. Komm Ukr 35 no. 3:50-57 Mr '60
Psychological war of West German militarists and the anticommunism of right-wing socialist leaders. Kommunist 37 no 11:115-120 Jl '60.

GERMANY, WEST—MOTION-PICTURE INDUSTRY
"Ufa" once more. IU. Sergeev, V. IAkovlev. Isk. kino no. 6:152-154 Je '60.

GERMANY, WEST—NUCLEAR ENGINEERING
Development of nuclear power engineering in the German Federal Republic IU Mitiaev Atom energ 8 no 6: 570-572 Je '60

GERMANY, WEST—PEACE SOCIETIES
The honor of my whole life is at stake. Edith Heret-Menge. Zhen. mira no. 2:30 '60.

GERMANY, WEST—PERIODICALS
History devoted to the service of revenge. Jiri Koralka. Vop. ist. no. 6 210-215 Je '60.

GERMANY, WEST—PETROLEUM INDUSTRY
Petroleum industry in the German Federal Republic Z. V. Kir'ianova. Khim i tekh topl. i masel 5 no. 4 70-72 Ap '60

GERMANY, WEST—PIPE, STEEL—WELDING
Production of large-diameter welded pipes in West Germany and France [with summary in English] A I Tselikov, B E Paton Stal' 20 no 3 243-253 Mr '60

GERMANY, WEST—PLYWOOD
Production line equipment for the manufacture of particle board and plywood (from "Holz als Roh- und Werkstoff," No. 4, S' 1959). Der. prom. 9 no. 3:29-30 Mr '60.

GERMANY, WEST—RAILROADS—SIGNALING
Mobile auxiliary stations for railroad blocking in the German Federal Republic (from "Der Eisenbahn-Ingenieur," no. 6, 1959). S. I. Afanas'eva, M. R Libman Avtom., telem. i sviaz' 4 no. 4:47-48 Ap '60.

GERMANY, WEST—REFUGEES—POLITICAL ACTIVITIES
The revival of revanchist activities. D. Umanskii. Mezhdunar. zhizn' 7 no. 7.124-125 Jl '60.

GERMANY, WEST—SLAVIC STUDIES
History devoted to the service of revenge. Jiri Koralka. Vop. ist. no. 6:210-215 Je '60.

GERMANY, WEST—SOCIAL CONDITIONS
The right to live; to be continued. Lev. Ginzburg. Nov. vrem. 18 no. 26:22-24 Je '60.

GERMANY, WEST—SOCIALIST PARTIES
Psychological war of West German militarists and the anticommunism of right-wing socialist leaders. Kommunist 37 no. 11:115-120 Jl '60.

GERMANY, WEST—SUGAR MANUFACTURE
Effect of juice softening on the corrosion of evaporator tubes (from "Zucker," no. 10, 1959). Sakh. prom. 34 no. 3:65 Mr '60.

GERMANY, WEST—VOCATIONAL EDUCATION
Federal Republic of Germany; fines as a basic method of training. Prof.-tekh. obr. 17 no. 2:31 F '60.

GERMANY, WEST—WOMEN
Forbid atomic weapons and induction into military service in West Germany. Henriette Dreyfus. Zhen. mira no. 2:29-30 '60.

GERMANY, WEST—YOUTH
An admission of things as they are. Herbert Krueger. Mol. mira. no. 12:10 '59.

GERMICIDES see Fungicides

GERMINATION
Effect of temperature on germination of seeds in commercial rice varieties of the Kuban [with summary in English]. E. P. Aleshin, A. I. Aprod. Fiziol. rast. 7 no. 3: 358-362 '60.
Electric field as a stimulating factor in improving the germinative capacity of grain seeds [with summaries in English, German, and French] A. M. Basov, N. D. Potanina, G. A. IAsnov. Vest. sel'khoz. nauki 5 no. 2: 113-116 F '60.
Germination of seeds in the cranberry tree (Viburnum opolus L.). T. T. Trofimov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 4:33-40 '59.
Germination of seeds on the parental plant in Medicago lupulina L. G P. Ovchinnikov Bot. zhur 45 no. 3 413 Mr '60.
Seed viability of late spring weeds in steppe soils of the Ukrainian S S R V S Podoprigora Bot zhur 45 no 2 272-276 F '60
Some biological features of the germination of seeds of trees and shrubs V S Sokalau Vestsi AN BSSR Ser biial. nav no 1 40-47 '60
Some problems in the biology of germination in Caropodium platicarpum (Boiss et Hausskn.) Schischk and Echinophora trichophylla Smith G A Denisova Bot zhur 45 no 2 249-252 F '60

GEYSERS
Geysers N Sushkina IUn nat no 5 21 My '60

GHANA—DESCRIPTION AND TRAVEL
In the land of tropical forests and savannas I. I. Sokolo. Priroda no. 6 43-48 Je '60.

GHANA—ECONOMIC CONDITIONS
Interview with Kojo Botsio Ghana's motto. Nov. vrem. 18 no. 24:17-18 Je '60.

GHANA—POLITICS AND GOVERNMENT
In Guinea and Ghana with a delegation of the Association of Free German Trade Unions. Herbert Warnke Vsem. prof dvizh. no. 5.22-26 My '60
Interview with Kojo Botsio Ghana's motto. Nov. vrem. 18 no. 24:17-18 Je '60.

GIBBERELLIC ACID
Effect of gibberellic acid on different grape varieties. T. G. Katar'ian, M. A. Drboglav, M. V. Davydova Fiziol. rast 7 no. 3:345-348 '60.
Effect of gibberellic acid on fruit formation in grape varieties with a female functional type of flower. M K Manankov. Fiziol. rast. 7 no 3:350-354 '60
Quantitative colorimetric analysis of gibberellic acid [with summaries in English, German, and French] G S Muromtsev, M N Nestiuk Vest sel'khoz nauki 5 no 2 119-122 F '60.

GIBBERELLINS
Acceleration of flowering in short-day plants treated with gibberellin. V. I. Razumov. Fiziol. rast. 7 no 3.354-357 '60.
Effect of gibberellin on fruiting in the Chaush grapevine. G. V. Tkachenko. Fiziol. rast. 7 no. 3:348-350 '60.
Effect of gibberellin on the growth and yields of hemp and tobacco. M. Kh. Chailakhian, V G. Kochankov, V. P. Zamuta. Fiziol. rast. 7 no. 3:340-343 '60.
Effect of gibberellin on the growth of young tea shoots. M. A. Alizade, R. I. Kotomina. Fiziol. rast. 7 no. 3.343-344 '60.
Soviet gibberellin; production methods and activity testing. I. V. Avseeva and others Vest Mosk. un. Ser. biol pochv., geol., geog 14 no 3,37-44 '59.

GIFTS
About presents. A. Popova. Sem'ia i shkola 15 no. 3: 22-23 Mr '60.

GIL'DSHTEIN, NIKOLAI NIKOLAEVICH, 1890-
On the 70th anniversary of N. N. Gil'dshtein's birth Masl.-zhir. prom. 26 no. 6.47 Je '60.

GILIANI, ASHRAF, 1872-1934
Works of the progressive Persian poet Ashraf Giliani. A. Tagirdzhanov. Uch. zap. Inst. vost. 25;353-376 '60.

GILIAROVSKII, VASILII ALEKSEEVICH, 1875-1959
Vasilii Alekseevich Giliarovskii, obituary. Vest. AMN SSSR 14 no. 6;94-95 '59.

GILYAK LANGUAGE—TERMS AND PHRASES
Expressions of space orientation in the Nivkh language E A Kreinovich. Vop. iaz 9 no 1 78-89 Ja-F '60

GILYAKS
Present-day Nivkh villages and dwellings [with summary in English] Ch. M. Taksami. Sov. etn no 1 23-37 Ja-F '60.

GINSENG
Aralia manshurica rupr. et maxim. G. A. Kukarin. Apt. delo 9 no. 1 69-70 Ja-F '60.
"9-1," a ginseng preparation. V. F. Chernii, D. A. Balandin. Soob. Prim. otd. VKHO no. 3:145-151 '57.

GIRDERS
(see also subdivision under Bataisk)
Approximate designing of statically indeterminate three-panel trussed beams. L. I Korshun Sbor. nauch. trud. Bel. politekh. inst. no. 76:35-44 '59
Bending of an elliptic beam having two circular cavities. A. S. Kosmodamianskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:184-185 My-Je '60.
Bending of sandwich beams subjected to concentrated and distributed loads L E Briukker Vop. rasch elem aviats konstr. no. 2 52-80 '59
Considering the effect of the lateral force on the carrying capacity of a beam subjected to bending. F. E. Klimenko. Dokl. LPI 3 no. 1/2:47-54 '59.

GIRDERS (Continued)

Designing girders on discontinuous elastic foundations. G. D. [illegible]. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11 [illegible] 56 '59.

Designing high beams [with summary in English]. A. B. [illegible]. Dop. AN URSR no. 2 [illegible] '60.

Determining maximum transverse forces in the presence of travelling loads. [illegible]. Stroi. mekh. i rasch. [illegible] no. [illegible] '60.

Experimental studies of impact deformations and stresses in beams. D. D. Abramov, [illegible], N. K. Snitko. Stroi. mekh. i rasch. soor. [illegible] no. [illegible] '60.

Girders made of low grade lumber. [illegible] Abramov. Stroi. i arkhit. Len. [illegible] no. 2 [illegible] '60.

Making prestressed reinforced concrete girders in section. B. Vol'fin, [illegible]. Biul. stroi. tekh. [illegible] no. [illegible] '60.

Most effective form of I-shaped steel elements subjected to longitudinal bending. [illegible]. Stroi. mekh. i rasch. soor. [illegible] no. [illegible] '60.

Stability of prestressed beams. A. V. Gemmerling. Stroi. mekh. i rasch. soor. [illegible] '60.

[illegible] reinforced concrete beams. [illegible] '60.

Tables and formulas for determining cross sections in designing continuous beams. [illegible] '59.

Testing rolled girders for oblique bending beyond the elastic limit [with summary in English]. [illegible]. Dop. AN URSR no. [illegible] '60.

Using the method of proportional factors in determining degrees of deformation during bending. [illegible]. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11 [illegible] '59.

GIRDERS—TESTING

Testing two prestressed reinforced concrete girders. [illegible] '60.

GIRDERS—STANDARDS

Bridge beams and girders. Standards. [illegible] 25 no. [illegible] '60.

GIRDERS—VIBRATION

[illegible] of Volterra's integral equations. [illegible] '60.

[illegible] of girders. [illegible]

GIRLS

[illegible]

[illegible]

[illegible]

G[illegible], ALEKSANDR VASIL'EVICH

[illegible]

GLACIAL EPOCH see subdivision under Siberia, Western

GLACIERS see subdivision for Admiralty Valley [illegible] Mount [illegible] Polar Mountains

GLACIOLOGICAL RESEARCH

[illegible]

Radar measurements of the thickness of ice layers. M. A. [illegible]. Izv. AN SSSR [illegible] '60.

GLACIOLOGY—CONGRESSES

[illegible]

GLADKOV, FEDOR VASIL'EVICH, 1883-1958

[illegible] of labor and struggle. [illegible]

GLANDS

[illegible] of the silkworm [illegible]

GLANDS, DUCTLESS see Endocrine glands

GLASS

(See also subdivision under [illegible])

[illegible]

[illegible]

Investigating the hydration of ordinary lithium glasses and their solubility in the state of hydration. M. A. Matveev, V. V. [illegible]. Stek. i ker. [illegible] '60.

New method for analyzing [illegible]. M. V. [illegible] '60.

Some properties of [illegible] glasses. M. A. Bezborodov, V. D. [illegible]. Dokl. AN BSSR [illegible] '60.

Studying glasses of the [illegible] '60.

[illegible]

Studying the system Na_2O — PbO — Al_2O_3 — SiO_2 in a vitreous state. M. A. Bezborodov, [illegible]. Dokl. AN BSSR [illegible] '60.

GLASS—DEFECTS

[illegible]

GLASS, CELLULAR

Making various kinds of foam glass. [illegible] no. 2 [illegible] '60.

GLASS, OPTICAL

Acceleration of the processing of [illegible]. D. M. [illegible]. Mekh. prom. [illegible]

GLASS BLOWING AND WORKING—PRODUCTION STANDARDS

Calculating production norms for the [illegible]

GLASS CONSTRUCTION

Exchange of experience among [illegible] plants. V. [illegible] '60.

GLASS FIBERS

(See also subdivision under [illegible])

[illegible]

GLASS FIBERS—TESTING

Nature of the [illegible]

GLASS FURNACES

[illegible]

GLASS MANUFACTURE

[illegible]

Melting [illegible] glass [illegible]

New wage system in the glass industry. [illegible]

[illegible]

Selecting [illegible]

[illegible]

GLASS MANUFACTURE—[illegible] AND [illegible]

[illegible]

GLASS [illegible]

GLASS [illegible]

[illegible]

GLUBOKOYE, LAKE (MOSCOW PROVINCE)—ROACH

Stages in the development of roach under different ecological conditions. N.O. Lange. Trudy Inst. morf. zhiv. no. 28 5-40 '60.

GLUCOSE

Effect of insulin and glucose on the adenosinetriphosphatase activity of the blood [with summary in English] E.D. Holovats'kyi. Dop. AN URSR no 2 224-227 '60.

Recent data on the role of gamma-aminobutyric acid. G. Kh Buniatian Dokl AN SSSR 132 no 6:1431-1433 Je '60

GLUE

(see also subdivision under Balakhna)

Fast-drying "PD" latex glue A.F.IAtygin, T.I.Nazarova. Poligr proizv. no 3 26 Mr '60

OP-10 foaming agent for synthetic glues. S.P.IAnina, V.F.Mitsak. Der.prom. 9 no.2 20-21 F '60.

GLUING

(see also subdivision under United States)

Automatic machine for gluing mosaic parquetry on paper tape. V.S.Vakhmianin. Der.prom. 9 no.2,16 F '60

Glue setting machine for rapid gluing of facings onto sheet edges for frame furniture. M.B. Liutershtein. Der.prom. 9 no.3,19 Mr '60.

Glue-setting machines for veneering curvilinear surfaces A.D.Gorshenkov, V.G.Nabilkin. Der.prom. 9 no.3·17-18 Mr '60.

GLUTAMIC ACID

Biosynthetic production of glutamic acid [with summary in English] V L.Kretovich, V.I.IAkovleva. Izv. AN SSSR.Ser biol no 2·197-205 Mr-Ap '60

GLUTARIC ACID

Advantages of glucose-natrog blood in massive blood transfusions V.K Chislovskii Vrach delo no. 1:45-48 '60

GLUTEN

Role of lipids in the formation of wheat gluten. N.P. Koz'mina, A.T.Naumova. Trudy VNIIZ no. 36,105-123 '59.

GLYBOKA DISTRICT—LIBRARIES, RURAL

All villagers should read books. O. Plantus. Sots. kul't. 13 no.3:38-39 Mr '60.

GLYCERIDES

Effect of the triglyceride components of fat on its food value M N.Ismailov. Izv. AN Uz.SSR.Ser biol.nauk. no 1:79-84 '57.

GLYCEROL see subdivision under Troitsk

GLYCINE

Aryl amides of aliphatic amino acids. Part 2 Aryl amides of glycine and glycylglycine T.S Safonova, S.I Sergievskaia Zhur ob khim 30 no 6 1848-1855 Je '60

Cyclization of the ethyl ester of N-cyanoethylglycocoll P F.Butskus Zhur ob khim 30 no 6,1814-1816 Je '60

Preparation of the cyclohexapeptide of cycloglycylylphenylalanylglycyl-glycylphenylalanylglycine. S. M Zhenodarova, E.A Morozova. Vest Mosk.un Ser.2 Khim 15 no 2 31-35 Mr-Ap '60.

GLYCOGEN

Glycogen content of the flesh of fish, crustacea, and mollusks. I.V.Kizevetter. Soob.Prim.otd.VKHO no.3:159-164 '57.

GLYCOLIC ACID

Substituted hydrazides of hydroxycarboxylic acids Part 3· Monoacyl derivatives of aryl hydrazides of diaryl- and dialkylglycolic acids I.S Berdinskii. Zhur ob khim 30 no 6 2030-2032 Je '60

GLYCOLS

Copolymerization of polyethyleneglycolfumaratephosphinate with allyl derivatives of phosphorus acids [with summary in English]. M.E.Mat'inkova, S.S.Spasskii. Vysokom.soed. 2 no.6:879-883 Je '60.

Production of polyglycol ether-type synthetic lubricants. V.I.Isaguliants, V.N.Tishkova, I.A.Grushevenko. Khim.i tekh.topl.i masel 5 no.4:8-13 Ap '60.

Roentgenometric constants of some aryl-substituted acetylene glycols and their transformation products. E.K. Vasil'ev. Izv.Sib.otd.AN SSSR no.2:111-113 '60.

GLYCOSIDES

Glucosides from Apocynum androsaemifolium L N K. Abubakirov, R.Sh.IAmatova Zhur.ob.khim. 30 no 6·2082-2085 Je '60

Photocolorimetric method for determining the glycosides in Adonis. P.G.Smolianskaia, T.M.Kogan. Med. prom. 14 no.4·41-42 Ap '60.

GNEZDOVO—CERAMIC INDUSTRIES

Slobodskaia, N.P. [Smolensk Ceramic Plant] Smolenskii keramicheskii. [Smolensk] Smolenskoe knizhnoe izd-vo, 1959. 88 p.

GNIDAVA—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Removal of sugar-beet pulp by a belt conveyer. N.S. Ignatenko. Sakh.prom. 34 no.3,47-48 Mr '60.

GOATS

Dependence of goat wool on skin development. G.G.Zelenskii. Trudy Inst.morf.zhiv. no 31 149-157 '60.

GOBI-ALTAI DISTRICT—MARMOTS AS CARRIERS OF DISEASE

Epizoological significance of the flooding of marmot burrows by snow waters. IU.D Chugunov Biul MOIP Otd.biol 64 no 5 139-142 S-O '59

GOD

God. Nauka i rel. no.1·88 S '59.

GODOWSKY, LEOPOLD, 1870-1938

Speaking of pianists... A.Chasins. Sov.muz. 24 no.3· 103-114 Mr '60.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Zhdanov, V.V. [N.V.Gogol'; an account of his life and works] N.V.Gogol'; ocherk zhizni i tvorchestva. Moskva, Gos.izd-vo khudozh.lit-ry, 1959. 162 p. (RPB)

GOGOLEVA, ELENA NIKOLAEVNA, 1900-

Restless soul of an actress. E.Velikhov. Ogonek 38 no.15:17 Ap '60.

GOITER see subdivision under Uzbekistan

GOLD see subdivision under Kazakhstan

GOLD—ANALYSIS

Determination of a microconcentration of gold in high purity selenium. V.I.Shamaev, O.F.Saunkin. Izv.vys. ucheb.zav.;khim.i khim tekh. 3 no.1:66-68 '60.

Quantitative determination of gold by means of a complex compound of trivalent chromium [in Azerbaijani with summary in Russian]. I L.Bagbanly. Azerb.khim. zhur. no.1:75-82 '59.

GOLD-COPPER ALLOYS see Copper-gold alloys

GOLDEN HAMSTER see Hamsters

GOL'DENVEIZER, ALEKSANDR BORISOVICH, 1875

In the youngest museum of Moscow. I.Faddeeva. Sov. muz. 24 no.3·41-44 Mr '60.

A teacher and a friend, on the 85th anniversary of the birth of A.B.Gol'denveizer. S.Feinberg. Sov.muz. 24 no.3;38-40 Mr '60.

GOLDZIHER, IGNACE, 1850-1921

Significance of Goldziher's scientific legacy. M.A.Batunskii. Izv.AN Uz.SSR.Ser.obshchestv.nauk no.1 50-56 '60

GOLODNAYA STEPPE—AGRICULTURAL ENGINEERING

Reclamation of the Golodnaya Steppe. IU.A Skvortsov Izv.AN Uz.SSR Ser biol nauk no 1 7-14 '57

GOLODNAYA STEPPE—COTTON GROWING

Characteristics of cotton growing in areas of the Golodnaya Steppe L M.Teodorovich Izv.AN Uz SSR Ser biol nauk no 1 29-40 '57

GOLODNAYA STEPPE—DRAINAGE

Effectiveness of horizontal drainage and division of the Golodnaya Steppe into regions based on the necessity of drainage and hydrogeological conditions. A.G. Vladimirov. Gidr.i mel. 12 no.3·44-55 Mr '60.

GOLODNAYA STEPPE—IRRIGATION

Story of the reclamation of the Golodnaya Steppe. B.V Fedorov. Izv.AN Uz.SSR.Ser.biol.nauk. no.1·15-27 '57

GOLODNAYA STEPPE—METEOROLOGY

Specific features of heat balance in the Golodnaya Steppe during periods of the Ursat'yevskaya winds. M V. Zuev, D.F.Pavlov. Trudy Sred.-Az.nauch.-issl.gidrometeor.inst. no.2;41-53 '59.

GOLODNAYA STEPPE—RECLAMATION OF LAND—HYGIENIC ASPECTS

Precautionary sanitary inspection in the reclamation of the Golodnaya Steppe. V.E.Poliak, N.V.Sal'vitskaia. Med.zhur.Uzb. no.6 73-74 Je '58.

GOLODNAYA STEPPE—SHEEP BREEDING

The seventh lamb. G.Aksel'rod. Ogonek 38 no.10;22 Mr '60.

GOLODNAYA STEPPE—WATER SUPPLY

Problem of water supply in the reclamation of the Golodnaya Steppe. I.I.Il'inskii. Med.zhur.Uzb. no.11;73-75 N '58.

GOLODNAYA STEPPE—WINDS

Aerological characteristics of the Ursat'yevskaya winds. S.G.Chanysheva. Trudy Sred.-Az.nauch.-issl.gidrometeor.inst. no.2;26-40 '59.

Brief characteristics of aerosynoptic conditions during the period of the expedition to the Golodnaya Steppe in February-March 1957 N N Romanov, S G Chanysheva Trudy Sred -Az nauch -issl gidrometeor inst. no.2·17-25 '59.

Investigating the range of the Ursat'evskaya winds. B.A. Aizenshtat Trudy Sred -Az nauch -issl gidrometeor inst no 2;3-16 '59

The Ursat'yevskaya winds. A.A Listrovoi. Trudy Sred -Az nauch -issl gidrometeor.inst. no 2·54-84 '59

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOLOVCHENKO, VASILII

A medal for valor, and a medal for toil, both are made from the same metal. A.Terekhov. Sov.voin 42 no.8·10 Ap '60.

GOMEL'—SOAP INDUSTRY—EQUIPMENT AND SUPPLIES

Using pneumatic-tube transportation. G.S.Nesmeianov. Masl.-zhir.prom. 26 no.4;45 Ap '60.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891

Honorary members of Kiev University A Matsai. Ukraina no 6 22 Mr '60

GONORRHEA

Levomycetin in the treatment of gonorrhea in the male. P.V.Dylo, TS.D Bysheleva, L P Lebedeva. Zdrav. Belor 3 no 10 44-46 O '57.

GOOSEFOOT—DISEASES AND PESTS see subdivision under Soviet Central Asia

GORBACHEV, KORNEI OSIPOVICH, 1880-1936

Life path of a worker. L.Semenov Mast.ugl. 9 no.2· 29 F '60.

GORCHAKOV, DMITRII PETROVICH, 1758-1824

Unknown atheistic verses by D.P.Gorchakov. Nauka i rel. no.3 63-64 N '59.

GORI—CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Mechanization of the manufacture of canned vegetable appetizers at the Gori cannery. N.O.Aroian, G.S. Gogodze. Kons.i ov.prom. 15 no.7:17-19 Jl '60.

GOR'KII, MAKSIM, 1868-1936

Gor'kii's fight in his newspaper articles against religion and clericalism. S.V.Smirnov. Uch.zap.LGU no.284: 53-76 '60.

"To search, arrest, and transport." Vl.Emil'ev. Sov. iust. no.3:67-70 Mr '60.

GORKIY—AMATEUR THEATRICALS

The way to the Kremlin stage. Smena 37 no.5,18-19 Mr '60.

GORKIY—AUTOMOBILE INDUSTRY

Bright outlook V.I.Zil'berberg. Mashinostroitel' no 4 6-9 Ap '60.

Experience of the Gorkiy Automobile Plant in introducing the state standard for surface smoothness. B.F.Eremin Trudy Sem.po kach.poverkh. no.4:244-246 '59.

Renovation of the Gorkiy Automobile Plant. V.IU.Prok Mashinostroitel' no 4,20 Ap '60

GORKIY—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Leaders in communist competition. F.Pikulin. Mashinostroitel' no 4 40-41 Ap '60.

Mechanizing old machine tools M V.Sedykh. Mashinostroitel' no 4·21-23 Ap '60.

The plant is proud of them. S D Sokolov. Mashinostroitel' no.4 41-43 Ap '60

GORKIY—CLIMATE

Climate of the Gorkiy area in climatograms. S.B Kul'vanovskii Uch.zap.GGPI 20 188-265 '58.

GORKIY—INSURANCE, SOCIAL

No mistakes were made in the Priokskiy Social Security District Division of Gorkiy. Sots.obesp. 21 no.2:8-14 F '60.

GORKIY—INSURANCE, SOCIAL—EMPLOYEES

Well-organized work is a guarantee of success. A.Nazarov. Sots.obesp. 21 no.2:15-16 F '60.

GORKIY—LANDSLIDES

Constructing antilandslide structures in Gorkiy. V.Kostomarov. Zhil.-kom.khoz. 10 no.4·17-19 '60.

GORKIY—LATITUDE—MEASUREMENT

Latitude station in Gorkiy. S.G.Kulagin. Biul.VAGO no.27;48-51 '60.

GORKIY—MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Efficient work. L.Chernov. Mashinostroitel' no.4 47-48 Ap '60.

New industrial equipment. A.M.Gorin. Mashinostroitel' no.4 32-33 Ap '60.

For the large-scale chemical industry. D. [illegible] Prof.-tekh.obr. 17 no.2:16 [illegible] '60.

GORKIY—TEACHERS COLLEGES
Scholarly studies of students. [illegible] Nar.obr. no.6:111 Je '60.

GORKIY PROVINCE—AGRICULTURE
Dividing Gorkiy and Arzamas Provinces into agricultural districts. I. K. Orlova. Uch.zap.GGPI 20:3-11 '58.

GORKIY PROVINCE—CINDER BLOCKS
Wall blocks made with cinders removed from thermal electric power plants by hydraulic methods. G. V. Sokolov, S. M. Shestova. Stroi.mat. 6 no.3:29-30 Mr '60.

GORKIY PROVINCE—CITIES AND TOWNS
Settlements of Gorkiy Province, general description. [illegible] Uch.zap.GGPI 20:15-18 '58.

GORKIY PROVINCE—GRASSES
Systematics of the grasses of Gorkiy Province. M. M. Lapshin. Uch.zap.GGPI 20:90-119 '58.

GORKIY PROVINCE—LUMBERING—SAFETY MEASURES
A fulfilled plan does not cover up for carelessness. I. Ipatov, S. [illegible] Okhr.truda i sots.strakh. 3 no.2:47-49 F '60.

GORKIY PROVINCE—ROAD CONSTRUCTION
Special problems in constructing stabilized soil roads in Gorkiy Province. N. A. Boldnov. Avt.dor. 23 no.4:18 Ap '60.

GORKIY PROVINCE—STOCK AND STOCKBREEDING
Hidden potentialities in the development of stockbreeding in Gorkiy Province. V. Ponomarev. Ekon.sel'khoz. [illegible] no.3:32-35 F '60.

GORKIY PROVINCE—TECHNOLOGICAL INNOVATIONS
In the Gorkiy Province organization of the scientific technological society. I. P. Apafonov. Mashinostroitel' no.4:46-47 Ap '60.

GORKIY PROVINCE—TRANSPORTATION—BUILDINGS AND STRUCTURES
From unprofitable to profitable work. V. V. [illegible] Transp.stroi. 10 no.3:4-6 Mr '60.

GORNAYA SHORIYA—BORING
Factors determining the deflection of holes in iron ore deposits of Gornaya Shoriya. A. G. Kalinin. Izv.vys.ucheb.zav.; geol.i razv. 2 no.11:108-117 N '59.

GORNAYA SHORIYA—IRON ORES
Vakhrushev, V. A. [Mineralogy, geochemistry, and genesis of iron ores in the Kondoma region of Gornaya Shoriya (Western Siberia)] Voprosy mineralogii, geokhimii i genezisa zhelezorudnykh rod Kondomskogo raiona Gornoi Shorii (Zapadnaia Sibir'). Otvetstvennyi red. G. D. Pospelov. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1959. 188 p.

GORNO-ALTAI AUTONOMOUS PROVINCE—CINNABAR
At the springs of "silver water." Vera Veling. Vokrug sveta no.3:8-11 Mr '60.

GORNO-ALTAI AUTONOMOUS PROVINCE—WATER ANALYSIS
Iodine content in water sources of the Gorno-Altai Autonomous Province. M. G. Kolomiitseva. Gig.i san. 25 no.2:88-90 F '60.

GORNYY ALTAI—GEOLOGY, STRATIGRAPHIC
Materials on the stratigraphy of Silurian and Devonian sediments of the Gornyy Altai. A. B. Gintsinger. Trudy SNIIGGIMS no.5:81-94 '59.

GORODENKA—LIME KILNS
Method for improving the performance of a limekiln. P. V. Hlavatskii. Sakh.prom. 34 no.3:45-46 Mr '60.

GORODOK DISTRICT—FARMHOUSES
Collective farmers move to new houses. H. Tkachuk. Sil'.bud. 7 no.5:3-4 My '57.

GOROKHOVETS DISTRICT—CORN
It takes time to acquire experience. D. Korobko, V. Cheremshantseva. Sov.[illegible] no.3:28-31 Mr '60.

GOSSYPOL
Interaction between phosphatides and gossypol in the presence of water. V. P. Rzhekhin, I. S. Preobrazhenskaia. Masl.-zhir.prom. 26 no.3:3-5 Mr '60.

New qualitative reaction for gossypol. Sh. P. Zaleznov, A. I. Markman. Masl.-zhir.prom. 26 no.3:6-10 Mr '60.

GOVERNMENT OWNERSHIP see subdivision under German West

GOVERNMENT PRICE CONTROL see Price regulation

GRABAR', IGOR' EMMANUILOVICH, 1871-1960
Igor' Emmanuilovich Grabar'. Obituary. Vop.ist. no.6:221-222 Je '60.

Measuring students' progress in the Russian language in normal schools. V. [illegible] Rus.iaz.v shkole [illegible] no.3:83-87 [illegible] '60.

GRAFTING OF SKIN see Skin grafting

GRAIN
(see also subdivision under Bashkiria, Volga)
All-Union interacademic conference on "The efforts of the Communist Party of the Soviet Union toward the creation of a strong grain production center in the eastern regions of the country." A. [illegible] Vop.ist. no.6:196-199 Je '60.
Development of grain culture in regions where virgin lands are being developed ("Development of grain culture in virgin land regions" by I. A. Benediktov. Reviewed by A. Romanchenko). Ekon.sel'khoz. [illegible] '60.
Electric field as a stimulating factor to improve the germinative capacity of grains [with summary in English, German, and French] A. M. Ilanov, [illegible] Pelunina, G. A. Ilanov. Vest.s-kh.nauki [illegible] '60.
Great potentials for the increase of grain production. Ekon.sel'khoz. [illegible] no.3:[illegible] Mr '60.
More grain for the homes of the [illegible] Agitator no.6:[illegible] Ap '60.

GRAIN—ANALYSIS
Mechanized taking of samples [illegible] Muk.-elev.prom. 26 no.2:25 F '60.

GRAIN—CLEANING
(see also subdivision under Altai Territory)
Birth of a new grain cleaning machine. [illegible] Muk.-elev.prom. 26 no.1:21-22 Ja '60.
ZSM-1.5 combination grain cleaning [illegible] mills with pneumatic [illegible] A. [illegible] Muk.-elev.prom. [illegible]

GRAIN—DISEASES AND PESTS
Beliaev, I. M. [Pests of grain crops [illegible]] Vrediteli zernovykh [illegible] Izd.2., dop. Moskva, [illegible] 1959. [illegible] p. (MA)
Effect of different doses of ionizing radiation on microorganisms of grain. [illegible] Trudy VNIIZ no.36:84-104 '59.

GRAIN—DISINFECTION
Fumigation of grain with [illegible] Muk.-elev.prom. 26 no.1:[illegible] Ja '60.

GRAIN—DRYING
Electric temperature regulator for grain dryers. M. I. [illegible], B. Liubimova, R. Berger. Muk.-elev.prom. 26 no.1:10-16 Ja '60.
Electronic potentiometer for the [illegible] control of temperature in hot air [illegible] I. [illegible] Muk.-elev.prom. 26 no.1:10-11 Ja '60.
[illegible] control of VIT-15 grain dryers. [illegible] Muk.-elev.prom. 26 [illegible]
Work organization at [illegible] of grain drying [illegible] B. Koval'chuk. Muk.-elev.prom. 26 no.1:11-13 Ja '60.

GRAIN—HARVESTING
Account for the entire crop yield [illegible]
New technology of harvesting [illegible] grain [with summaries in English [illegible]] [illegible] Vest.s-kh.nauki 5 [illegible] '60.

GRAIN—STORAGE
(see also subdivision under Kazakhstan, Ryazan Province)
Conference on the exchange of experience [illegible] Muk.-elev.prom. 26 no.2:[illegible] F '60.
Exemplary [illegible] of the grain [illegible] Muk.-elev.prom. [illegible] '60.

GRAIN—TRANSPORTATION
Pneumatic equipment for complete loading of railroad cars with grain. B. Valtsov. Muk.-elev.prom. 26 no.1:25-26 Ja '60.

GRAIN BINS see Granaries

GRAIN ELEVATORS
(see also subdivision under Kirov, Kokchetav Province, Kursavka, Novocherkassk, Odessa, Stalingrad Province)
Brief news. Muk.-elev.prom. 26 no.1:32-3d cover Ja '60.

Brief news. Muk.-elev.prom. 26 no.2:31 F '60.

Carry into effect resolutions of the December Plenum of the Central Committee of the Communist Party of the Soviet Union. D. Savel'ev. Muk.-elev.prom. 26 no.1:1-2 Ja '60.

[illegible] of the Ministry of [illegible] A. Lopov, N. Ledo [illegible] '60.
[illegible] of the operating rate of [illegible] Muk.-elev. [illegible]
[illegible] grain cultivation. [illegible] Muk.-elev. [illegible]
[illegible] milling enterprises [illegible] plan. [illegible] Ja '60.
[illegible] ability at grain elevators [illegible] Muk.-elev. [illegible]
[illegible] of grain. A. [illegible]
[illegible] in 1960 [illegible]

GRAIN ELEVATORS—ACCOUNTING see subdivision under [illegible]

GRAIN ELEVATORS—COMMUNICATION SYSTEMS
[illegible] operations [illegible] no.1:19-21 Ja [illegible]

GRAIN ELEVATORS—EQUIPMENT AND SUPPLIES
(see also [illegible] Moscow Province)
[illegible] grain [illegible] Muk.-elev.prom. [illegible]

GRAIN HANDLING MACHINERY
[illegible] grain mills [illegible] '60.
[illegible] Ja '60.
[illegible] A. A. Bekerai [illegible]
[illegible] Muk.-elev.prom. [illegible]
[illegible] railroad [illegible] Muk.-elev.prom. 26 [illegible]
[illegible] and [illegible] Muk.-elev.prom. 26 no.1:38 [illegible]
[illegible] '60.
[illegible]

GRAIN HANDLING MACHINERY—MAINTENANCE AND REPAIR
[illegible] Moscow [illegible]

GRAIN MILLING
Brief news. Muk.-elev.prom. 26 no.1:32-3d cover. [illegible]
[illegible] 2:31 F '60.
[illegible] Plenum of [illegible] Party of the [illegible] Muk.-elev.prom. 26 [illegible]
[illegible] milling enterprises [illegible] plan. [illegible] Ja '60.
[illegible] Muk.-elev.prom. [illegible] F '60.
[illegible] installation [illegible] A. [illegible] Ja '60.
[illegible] at grain milling enterprises [illegible] Muk.-elev.prom. 26 no.1 [illegible] Ja '60.
[illegible] milling [illegible] Muk.-elev. [illegible]
[illegible] organizing and [illegible] grain milling enterprises [illegible] predpriiatiiakh. [illegible] 1960. [illegible] p.
Using [illegible] laboratory grain mills. P. Ardus'. Muk.-elev.prom. 26 no.1:29 Ja '60.

Eliminating axial stresses in roller mills. A. Baum. Muk.-elev. prom. 26 no.1.27-28 Ja '60.

Machine for polishing groats. M. Solov'ev. Muk.-elev. prom. 26 no.1:30-31 Ja '60.

Possibilities for economizing on electricity at grain-milling enterprises. P Bershak Muk.-elev prom 26 no 2 10-11 F '60.

GRAIN-MILLING MACHINERY—MAINTENANCE AND REPAIR

Repairing hydraulic drives of the pick-up and dumping apparatus of roller mills N Kolchak Muk -elev. prom. 26 no. 2 25-26 F '60

GRAIN TRADE—COSTS

New purchase prices and grain costs on collective farms. A. A. Stolbov. Nauch.trudy MGEI no.17:122-134 '59.

GRAMMAR, COMPARATIVE AND GENERAL

A study of case correlation. E. V. Cheshko. Vop. iaz. 9 no. 2 50-56 Mr-Ap '60.

GRANARIES

Mechanized demountable granary. L. Komyshnik, N. Roitbul, V. Alanazevich. Muk.-elev. prom. 26 no. 1:23-24 Ja '60.

GRANITE

Comparative geochemical characteristics of granitoids with accessory tantalum-niobates [with summary in English]. A. S. Pavlenko, Hsiao Chung-yang, L. N. Morozov. Geokhimiia no. 2:104-120 '60.

Granitic rocks as raw materials for glass and ceramic industries. S. M. Kupfer, V. I. Magidovich. Razved. i okh nedr 25 no. 12:1-6 D '59.

GRANULAR LIDS see Conjunctivitis, Granular

GRAPE JUICE

Clarification of grape juice by the electric current. G. N. Gasiuk, B. M. Malov. Kons. i ov. prom. 15 no. 7:3-6 Jl '60.

Use of new equipment in the production of grape juice. I. S. Kagan, D IU. Liashch. Kons. i ov. prom. 15 no. 4:14-15 Ap '60.

GRAPES

Anthocyanins of grape leaves. N. N. Nutsybidze, D. I. Gulbani. Soob. AN Gruz. SSR 23 no. 6·671-676 D '59.

Effect of gibberellic acid on different grape varieties. T. G. Katar'ian, M. A. Drboglav, M. V. Davydova. Fiziol. rast. 7 no. 3:345-349 '60.

Effect of gibberellic acid on fruit formation in grape varieties with a female functional type of flower. M. K. Manankov. Fiziol. rast. 7 no. 3:350-354 '60.

Effect of gibberellin on fruiting in the Chaush grapevine. G. V. Tkachenko. Fiziol. rast. 7 no. 3:348-350 '60.

Selectivity of fertilization in the grapevine. G. V. Tkachenko. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3 59-62 '59.

GRAPES—STORAGE

Storing grapes at below-freezing temperature. V. G. Speranskii, S. N. Bruev. Sbor. nauch. rab. INKH no. 16:168-175 '59.

GRAPHIC ARTS

Moscow. Vsesoiuznaia iubileinaia khudozhestvenaia vystavka, 1957. [All-Union art exhibition devoted to the Great October Socialist Revolution. Graphic arts] Vsesoiuznaia khudozhestvennaia vystavka, posviashchennaia sorokaletiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Grafika. Moskva, Sovetskii khudozhnik, 1959. 127 p.
(MH)

[Present-day graphic arts of capitalist countries of Europe and America] Sovremennaia grafika kapitalisticheskikh stran Evropy i Ameriki. Moskva, Gos. izd-vo izobraz. iskusstva, 1959. 20 p., illus.

GRAPHIC METHODS

Graphoanalytical method of interpolation. A. A. Rudnitskii. Zhur. neorg. khim. 5 no. 2:396-400 F '60.

GRAPHITE

Graphite formation. V. V. Digonskii, V. N. Krylov. Zhur. prikl. khim 33 no. 3 723-729 Mr '60.

Reduction of manganese ferrite by hydrogen and graphite M. G. Zhuravleva, G. I. Chufarov, D. Z. Brainina. Dokl. AN SSSR 132 no. 5.1074-1077 Je '60

GRASSES

(see also subdivision under Alma-Ata; Gorkiy Province)

Anatomical features of certain species of Poa among Ukrainian flora [with summary in English]. A. H. Konstantynova. Ukr. bot. zhur. 17 no. 1:51-58 '60.

Effect of stand density on the protein content of meadow grasses [with summaries in English, German, and French]. S. P. Smelov, O. F. Farmakovskaia. Vest. sel'khoz. nauki 5 no. 2·33-36 F '60.

Problems concerning efficient utilization of the perennial grass sod in peat soils S. G. Skoropanov, M. M. Shabunina, T. N. Pashina. Trudy Belar. nav.-dasl inst mel. i vod. hasp. 8 205-218 '58.

Electromechanical dosimeter. Rats. i izobr. predl. v stroi. no. 13:18 '59.

Using fine limestone gravel instead of quartz sands in making concrete Rats i izobr predl v stroi no 14 4 '60

GRAVEL—TRANSPORTATION

Determining parameters of the hydraulic transportation of crushed stone and gravel under pressure. V. V. Trainis. Gidr. stroi. 29 no. 3,40-41 Mr '60.

GRAVITATION

Application of two-dimensional space to the gravitational field theory. IA I. Pugachev Izv vys ucheb zav ,fiz no 6 152-161 '59

Classification of general type gravitation fields with respect to motion groups. Part 2. A. Z. Petrov, V. P. Kaigorodov, V. N. Abdullin Izv. vys. ucheb. zav., mat. no. 1 175-187 '60.

Gravitational instability of a layer in relation to two-dimensional transverse perturbations [with summary in English]. R. S. Oganesian. Astron. zhur. 37 no. 3 458-463 My-Je '60.

GRAVITY

(see also subdivision under Tuymazy region)

Accurate calculation of second derivatives based on gravimetric data. K. F. Tiapkin, V. I. Pavlovskii Razved. i okh. nedr 25 no 12·22-26 D '59.

Comments of foreign scientists on M. S. Molodenskii's book "Principal problems of geodetic gravimetry," published in the German Democratic Republic. Geod. i kart. no. 3.62-67 Mr '60.

Determining some parameters of the earth's gravitational field from the results of observations of satellites 1957 β_2, 1958 δ , 1958 δ_2 [with summary in French]. I. D. Zhongolovich. Biul. sta. opt. nabl. isk. sput. Zem. no. 2 1-24 '60.

Determining vertical coordinates of the center of a disturbing body by the observed gravity anomalies. N L. Afanas'ev. Prikl. geofiz. no. 25·135-140 '60.

Molodenskii, M. S., V. F. Eremeev, and M. I. IUrkina. [Methods for studying the exterior gravitational field and the figure of the earth.] Metody izucheniia vneshnego gravitatsionnogo polia i figury zemli. Moskva, Izd-vo geodez. lit-ry, 1960. 151 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii aeros''emki i kartografii. Trudy, no. 131)

Separation of total gravitational fields as a process of frequency filtration. K. V. Gladkii. Prikl. geofiz. no. 25 114-120 '60.

Transformation of gravity anomalies. I. G. Klushin. Prikl. geofiz. no. 24:72-86 '60.

Use of calculating machines in differentiating local and regional gravity anomalies. O. K. Litvinenko. Prikl. geofiz. no. 25 130-134 '60.

GRAVITY—CONGRESSES

Third Congress of the International Gravimetric Commission, held in Paris, Sep 15-19, 1959. Milan Bursa Izv vys ucheb zav., geod i aerof no 2 145-146 '60

GRAY MULLETS see subdivision under Shabolat Lagoon; Tuzly region

GREAT BRITAIN

Great Britain. Agitator no. 6 37-38 Mr '60

GREAT BRITAIN—BOOKS

Interesting and beautiful. V. Liakhov. Kul't. i zhizn' 4 no. 2:55 '60.

GREAT BRITAIN—CEMENT

Using aerated cement mixes in England. V. I. Medeiko. Transp. stroi. 10 no. 3 57-58 Mr '60.

GREAT BRITAIN—CIRCULAR SAWS

Dimensional trimming of sheet materials (from Timber and Plywood," 117, no. 3036, 1959). Der. prom. 9 no. 2:31 F '60.

GREAT BRITAIN—COAL MINES AND MINING

Letter from a Scotch miner. Max Magary. Vsem. prof. dvizh. no. 5:40-42 My '60.

GREAT BRITAIN—COAL PREPARATION

Experimental study of coal flotation in England A. Bennett, V. R. Chapman, C. C. Dell. Obog. i brik ugl. no 12:66-75 '59.

Reduction of moisture in washed coal. D. A. Hall, H. Macpherson. Obog. i brik. ugl. no. 11:60 '59.

GREAT BRITAIN—COLONIES—AFRICA see Africa—British Colonies

GREAT BRITAIN—COMMUNIST PARTY

The 40th anniversary of the Communist Party of Great Britain. Palm Datt. Kommunist 37 no. 11:92-103 Jl '60.

GREAT BRITAIN—COMMUNIST PARTY—PERIODICALS

Review of "Marxism today," a theoretical periodical of the Communist Party of Great Britain, for 1958-1959. M. N. Delogrammatik. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1·197-201 '60.

GREAT BRITAIN—CRANES, DERRICKS, ETC.

English self-propelled jig cranes. V. M. Kazarinov, D. M. Zimin Mekh. stroi. 17 no. 3 29-32 Mr '60.

GREAT BRITAIN—CUTTING TOOLS

Specialization in the cutting-tool industry in the U.S.A., England, and West Germany. Z. G. Magaziner. Stan. i instr. 31 no. 3 33-35 Mr '60.

GREAT BRITAIN—DAIRY SCHOOLS

Training of specialists for the dairy industry in England V D Surkov Izv vys ucheb zav ,pishch tekh no 1 146-150 '60.

GREAT BRITAIN—DEFENSES

Great Britain and the problem of disarmament Konni Zilliacus Mezhdunar zhizn' 7 no 6 54-60 Je '60.

How the British government defines its military policy. Z. Solontsov. Mir. ekon. i mezhdunar otn no. 6 111-114 Je '60

The labor movement and foreign relations. K. Zilliacus. Nov. vrem. 18 no. 26·12-14 Je '60.

GREAT BRITAIN—DESCRIPTION AND TRAVEL

My English impressions. L. Kukharenko. Nauka i zhyttia 10 no. 1:57-59 Ja '60.

GREAT BRITAIN—DISARMAMENT

The Aldermaston march. T. F. McWhinnie. Vsem. prof. dvizh. [no. 6],15-16 Je '60.

GREAT BRITAIN—EDUCATION

From the history of the school and pedagogical thought in England during the period of the industrial revolution, 1760-1830. K. I. Salimova. Izv. APN no. 105,5-52 '59.

GREAT BRITAIN—ELECTRIC CURRENT RECTIFIERS

Controlled silicon rectifier (from "BTH activities", no. 6, 1959). V. I. Kartashov. Vest. TSNII MPS 19 no. 2:63 '60.

GREAT BRITAIN—ELECTRIC LINES—POLES

Stand for testing the uprights of power lines (from "The Engineer " 202, no 5263, 1956) IU E. Grigor'ev. Energokhoz za rub no 5 40-41 S-O '57

GREAT BRITAIN—ELECTRIC INSULATORS AND INSULATION—TESTING

British laboratory for testing glass insulators (from "Distribution of Electricity," 29, no 220, 1957) E A. Petrikina Energokhoz za rub. no 5 46-47 S-O '57

GREAT BRITAIN—EVAPORATING APPLIANCES

Plate-type evaporator unit. V. P. Tabachnikov. Kons. i ov. prom. 15 no. 3:38-39 Mr '60.

GREAT BRITAIN—FOREIGN RELATIONS

The labor movement and foreign relations. K. Zilliacus. Nov. vrem. 18 no. 26:12-14 Je '60.

Poliakov, V. G. [England and the Munich collusion, March-September 1938] Angliia i miunkhenskii sgovor, mart - sentiabr' 1938 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 333 p.

The struggle for peace continues with renewed energy. G. Schaffer. Sov. profsoiuzy 16 no. 12;52-54 Je '60.

GREAT BRITAIN—FOREIGN RELATIONS—SPAIN

Seducers from Madrid. Nov. vrem. 18 no. 26:21 Je '60.

GREAT BRITAIN—GLAZES

Opaque glazes with titanium dioxide (from "Ceramics," Ja. '59). Stek. i ker. 17 no. 2:44-45 F '60.

GREAT BRITAIN—HISTORY

"Traditions of the empire" and "a grain of reason" ("The end of the empire" by John Strachey. Reviewed by V. Kudriavtsev). Sovr. Vost. no. 6:61-63 Je '60.

Volkov, M. IA., and N. Kuchinskii. [Present-day Britain] Sovremennaia Angliia. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7., Mezhdunarodnaia, no. 3)
MH

GREAT BRITAIN—INTELLIGENCE SERVICE

The touring spy master. Nov. vrem. 18 no. 26:19-20 Je '60.

GREAT BRITAIN—LABOR AND LABORING CLASSES

Defending dissertations in the History Faculty. O. IU. Riazhskii. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 3:73-74 My-Je '60.

Is that true that the conditions of English workers have been improved in the postwar period? N. Kurakin. Otv. na vop. trud. no. 111:47-51 '60.

GREAT BRITAIN—LABOR PARTY

The struggle for peace continues with renewed energy. G. Schaffer. Sov. profsoiuzy 16 no. 12;52-54 Je '60.

GREAT BRITAIN—LABOR PRODUCTIVITY

About the factual and imaginary reasons for the high labor productivity in the U. S A. ("Productivity in the manufacturing industry of Great Britain and the U. S A." by M. Frenkel'. Reviewed by IU. Ol'sevich). Sots. trud 5 no. 3;151-157 Mr '60.

GREAT BRITAIN—LIGHTWEIGHT CONCRETE

Mechanized making and placing of aerated concretes and mortars. M.A.Pishchik, A.R.Bazarov. Bet.i zhel.-bet. no.3 135-138 Mr '60.

GREAT BRITAIN—MACHINE TOOLS

Horizontal milling and boring machine. Stan.i instr. 31 no.3 35-37 Mr '60.

GREAT BRITAIN—MUNITIONS

War concerns; continuation. Nov.vrem. 18 no.26 6-10 Je '60.

GREAT BRITAIN—MUSICAL SOCIETIES

The Union of British Composers. Alan Bush. Sov.muz. 24 no.3 191 Mr '60

GREAT BRITAIN—NUCLEAR REACTORS

New British research reactor. A.Seligman. Atom. energ 8 no 6:568-570 Je '60

GREAT BRITAIN—PNEUMATIC-TUBE TRANSPORTATION

Pneumatic tube transportation unit for documents (from "Plastics," no 9, 1958). Vest.TSNII MPS 19 no.2:63-64 '60.

GREAT BRITAIN—RADIATION PROTECTION

Problems of radiation protection in England. IU.V.Novikov Gig i san. 25 no 2 71-78 F '60

GREAT BRITAIN—TEXTILE FIBERS, SYNTHETIC

Processing of mixed synthetic and natural fibers on cotton spinning machines (from "Man-made Textiles," Jan 1957). D.L.Aronov. Tekst.prom. 20 no.2:91-92 F '60.

GREAT BRITAIN—TIRES, RUBBER

British metal cord tire (from "Rubb a Plast Age," no 8, 1959) Kauch i rez 19 no 2 58 F '60

GREAT BRITAIN—TRADE UNIONS

Let us continue to work hard in order to end the split. Percy Belcher. Vsem.prof.dvizh. [no.6]:9 Je '60

GREAT BRITAIN—WORLD WAR, 1939-1945

The fate that was in store for Britain (conclusion). A Leonidov Mezhdunar zhizn' 7 no 6 90-96 Je '60

GREECE

Greece Agitator no 6 40-41 Mr '60

GREECE—HISTORIOGRAPHY

Greek historiography during the fourth century B.C. K.K.Zel'in. Vest.drev.ist. no.1 84-108 '60.

GREECE—LOANS

Social aspects of eranos (loans) in Attica during the fourth century B.C. L M Gluskina. Vest.drev.ist. no.1 35-45 '60

GREECE—POLITICS AND GOVERNMENT

"Support democracy which is threatened in Greece," M.Glezos. Ogonek 38 no.11:2-4 Mr '60.

GREECE—THEATER

Modern Greek theater Ossia Trilling V zashch mira no 6 82-89 Je '60

GREEK POTTERY see Pottery, Greek

GREENHOUSE PLANTS

Karachevskii, N.N. [Ornamental greenhouse plants; Latvian work practices] Dekorativnye oranzhereinye kul'tury, opyt Latvii. Moskva, Izd-vo M-va kommun. khoz.RSFSR, 1959. 149 p.
(DA)

GREENHOUSES—HEATING AND VENTILATION

Ivaniukov, D.V. [Utilizing industrial waste heat for vegetable gardening] Ispol'zovanie teplovykh otkhodov promyshlennosti v ovoshchevodstve. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1954. 69 p.
(DA)

GREENLAND SEA—OCEANOGRAPHIC RESEARCH

Oceanographic expedition of 1958 in the diesel-electric ship "Lena" in the Greenland Sea. V.A.Shamont'ev. Probl.Arkt. no 6:124-127 '59.

Two cruises of the oceanographic expedition of 1959 in the Greenland Sea. V.A.Shamont'ev. Probl.Arkt.i Antarkt no.2 123-125 '60.

GREKOV, MITROFAN BORISOVICH, 1882-1934

Visiting the museum home of a battle painter; 25th anniversary of M.B.Grekov's death. Sov.voin 41 no.22: 29 N '59.

GRENOBLE, FRANCE—COAL PREPARATION—EQUIPMENT AND SUPPLIES

New apparatus for cleaning coal and ores (from "Mines," no. 5, 1958). N.S.Makogon, A.K.Eremenko. Koks i khim. no.1:60-61 '60.

GRESHNEVA, KLAVDIIA MAKSIMOVNA

Woman feldsher of the Soldatenkov hospital. Ogonek 38 no.11 14 Mr '60.

Commission for Labor Disputes at enterprises and institutions E.Gershanov, V Skobelkin Sots trud 5 no 1 140-145 Ja '60

GRINDING AND POLISHING

Automatic control of the diameters of ground studs. A.B. Frenkel' Priborostroenie no 3 22 Mr '60

Automation of centerless grinding I M Stavitskii Avt. prom no 3 42-43 Mr '60

Cutting forces exerted in abrasive-belt grinding K.S Mitrevich Stan i instr 31 no 4 25-29 Ap '60

Device for lapping valves of pump and injectors V Kolesnikov Avt transp 38 no 3 51 Mr '60

Device for stopping polishing machines. S.V.Chelyshkin. Tekst.prom. 20 no.2.77-78 F '60.

Devices for checking dimensions of parts machined on flat-surface grinding machines. V.A.Solov'ev. Standartizatsiia 24 no 3:48-49 Mr '60.

Effect of grinding patterns on the stress state of the martensite phase [with summary in English]. B.D. Hrozin, S.B.Nyzhnyk. Dop.AN URSR no.1:40-43 '60.

Effect of grinding techniques on the quality of the surface of chrome plated parts A.A.Mikhailov. Trudy Sem.po kach.poverkh. no.4.116-126 '59.

Effect of heat phenomena in the technological system and properties of the cooling fluid on the precision of finish grinding. P.I.IAshcheritsyn. Mash.Bel. no.6:141-151 '59.

Forces exerted in surface grinding of hard alloys with diamond wheels. R G Makhkamov Vest mash 40 no 4 61-63 Ap '60

Form grinding of gas-turbine blades on the KhSh-65 machines. A.V.IAkimov, G.G.Kravchenko. Stan.i instr. 31 no.3:10-12 Mr '60.

Grinding high-precision rings in mass production M P Merpert, IU.S.Reibakh Stan i instr 31 no.4 22-25 Ap '60

Heat phenomena caused by the grinding of tempered steel. N.A.Podosenova. Trudy Sem.po kach poverkh no.4. 142-157 '59.

Increasing the efficiency and precision of grinding on multistone grinding machines N P Lebedinskii Avt prom no 3 38-42 Mr '60

Investigating the breaking of parts due to cracks caused by the grinding of chrome-plated surfaces. N.A.Kamenev, A.A.Mikhailov. Trudy Sem.po kach.poverkh. no.4 204-210 '59.

Making involute master cams for the grinding of rams. N.M.Sirazitdinov. Stan.i instr. 31 no.3:32 Mr '60.

New system of polishing machines. V.V.Rukin, D.I. Shil'krut. Der.prom 9 no 3.13-14 Mr '60.

Paste for removal of oil during polishing. N.I.Gorbunov. Der.prom. 9 no.3:18 Mr '60.

Quality and accuracy of ground surfaces. P.I.IAshcheritsyn. Mash.Bel. no.6:119-140 '59.

Regulation of the process of lapping with vibrating bars. A.V.Nikol'skii. Trudy Sem.po kach.poverkh. no.4:236-243 '59.

Superfinish of copper. B.V.Nazaretskii. Vest.mash. 40 no.3:69-72 Mr '60.

Theory of the operating cycle in grinding as a base for improving the quality of machining. G.B.Lur'e. Trudy Sem.po kach.poverkh. no.4:98-115 '59.

Use of α-rays from radioactive isotopes in instruments for controlling the dimensions of parts in grinding V V. Kondashevskii and others Atom energ 8 no 6:576-578 Je '60

GRINDING MACHINES

Lapping machine for grinding disks of parallel valves. Rats.i izobr.predl.v stroi. no.13:100-102 '59.

The MSh-167 flat-surface grinding machine. L I.Savinov Biul tekh -ekon inform no 2 22-23 '60

New designs of pneumatic grinding machines. D.M. Doronina and others Prom.energ. 15 no.4 15 Ap '60.

Semiautomatic machine for trimming burrs and flaws of crankcases. A.I.Zibenberg, A.S.Poliakov. Avt.prom. no 4:37 Ap '60.

Stand for lapping parts P V.Lipovetskii. Mashinostroitel' no 4 23 Ap '60

The VSh-62M machine tool for grinding small balls TS B Linkovskaia Biul tekh -ekon inform no 2 24-25 '60

GRINDING WHEELS

Manufacturing and using filing wheels. A.M.Mokin. Stan.i instr. 31 no.3:28-29 Mr '60.

Precision straightening of grinding-wheel profiles formed by the arc of a circle. B.M.Malkin. Mashinostroitel' no.3 40-42 Mr '60.

GRISTLE see Cartilage

GROCERY TRADE—STATISTICS

Statistical materials. Vest.stat. no.3:80-95 '60.

GRODNO—DANCING

Amateur art group. N.Kiryk. Belarus' 17 no.2:7 F '60.

GRODNO—RATS—EXTERMINATION

Carrying out large-scale rat extermination with Isachenko's bacterial culture. A.M.Nemchenko, E.IA. Tulubovskaia Zdrav.Belor 3 no 10 54-55 O '57.

Detailed stratigraphic correlation of upper Pleistocene sediments of Grodno Province on the basis of paleobotanical data. L M.Vozniachuk Vestsi AN BSSR.Ser. fiz.-tekh.nav. no.1 96-118 '60.

GROSS NATIONAL PRODUCTS

National income Agitator no 11 22-23 Je '60

GROUPS, THEORY OF

Concurrence of different definitions of dimensionality for locally bicompact groups B Pasynkov Dokl AN SSSR 132 no 5 1035-1037 Je '60

Continuous group spectra. IU.A.Shreider. Uch.zap. Mosk un. no.186[a]:131-136 '59.

Defining relations of finite semigroups of partial transformations E G Shutov Dokl AN SSSR 132 no 6 1280-1282 Je '60

Elementary solution of inverse problems on bases of free semigroups. B.M.Bredikhin. Mat.sbor. 50 no.2: 221-232 F '60.

Finite groups. P.I.Trofimov. Trudy TGU 144:61-65 '59.

Homology groups of infinite complex. G.S.Chogoshvili. Soob.AN Gruz SSR 23 no.6 641-648 D '59.

One of the correspondences between rings and groups. A.I.Mal'tsev. Mat.sbor. 50 no.3:257-266 Mr '60.

One of the methods for obtaining subgroups in finite groups. S.A.Chunikhin. Izv.vys.ucheb.zav.,mat. no.1 227-233 '60.

"P"-factorization of finite groups with permutable factors. S A.Chunikhin. Mat.sbor. 50 no.3:383-388 Mr '60.

Product of hypergroups. R.I.Iskanderov. Trudy UzGU no.78 153-161 '58.

Projective representations of homogenous spaces. P.K. Rashevskii. Mat.sbor. 50 no.2:171-202 F '60.

Real linear locally nilpotent groups. D.A.Suprunenko. Mat.sbor 50 no 1:59-66 Ja '60.

S-radical and Sylow bases of infinite groups. P.A.Gol'berg Mat.sbor. 50 no.1:25-42 Ja '60

Structure of distributive quasigroups. V.D.Belousov. Mat.sbor. 50 no.3:267-298 Mr '60.

Theory of modular functions and related problems in the theory of discrete groups. I.I.Piatetskii-Shapiro. Usp. mat.nauk 15 no.1:99-136 Ja-F '60.

GROUSE

Material on the biology of the Siberian capercaillie. O.V. Egorov, IU.V.Labutin, A.A.Mezhennyi. Trudy Inst biol. IAFAN SSSR no.6.97-105 '59.

GROUTING

About Kh.I.Abramson's remarks on the "Guide to subsequent grouting during shaft sinking." R.A.Tiurkian and others. Ugol' Ukr. 4 no.2:45 F '60.

GROWTH

Experimentally induced changes in the growth of the mammalian body and individual organs [with summary in English]. I.V.Polezhaev. Zhur.ob.biol. 21 no 2: 130-144 Mr-Ap '60.

The Fourth Scientific Conference on Age Morphology, Physiology and Biochemistry M S.Volno. Vop ant no.1 135-137 '60.

Time of the formation of annual rings on scales of the Pacific salmon and growth rate of the humpback salmon I.B.Birman Dokl.AN SSSR 132 no.5 1187-1190 Je '60

GROWTH—BIBLIOGRAPHY see Bibliography—Growth

GROWTH (PLANTS)

Changes in the growth and developmental rate of spring wheat that has been cultivated for years in the desert. B.I.Shcherbakov. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.1:14-21 '59.

GROWTH INHIBITING SUBSTANCES

Effect of chemical potato germination inhibitors on the seed qualities of tubers and the productivity of plants sown during the summer. A.P.Shikina. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.1:15-26 '60.

Germination inhibitor from fruit of Crambe tataria Sebeok [with summary in English]. A.M.Hrodzinskyi, H.O.Kuznetsova, L.I.Musatenko Ukr.bot zhur. 17 no.1.29-39 '60

GROWTH PROMOTING SUBSTANCES

Amount of growth substances in the organs of tomatoes as related to nitrogen nutrition [with summary in English]. O.B.Boichuk. Ukr.bot.zhur. 17 no.1 19-28 '60.

Change in certain physiological and biochemical properties of corn induced by stimulation before sowing [with summary in English] U.A.Petrochenko. Ukr bot zhur 17 no 1:40-45 '60.

Effect of a growth substance derived from petroleum in increasing live weight in rabbits and sheep [in Azerbaijani with summary in Russian] M.A.Akhundov, A A. Gashimov, L G.Gashimova. Uch.zap.AGU.Biol.ser no 2 17-22 '59.

Effect of a growth substance derived from petroleum on the phagocytic activity of leucocytes [in Azerbaijani with summary in Russian]. A.I Karaev Dokl AN Azerb SSR 16 no.1 81-85 '60.

Effect of Dorogov's biological preparation of germination of seeds and the growth and development of plants. G.I. Abolina. Dokl. AN Uz. SSR no. 11 49-53 '56.

Effect of physiologically active substances on the reproduction of the tobacco mosaic virus [with summary in English]. A.V. Krylov, V.A. Smirnova, G.A. Tarakanova. Fiziol. rast. 7 no. 3:309-314 '60.

Stimulation of root formation in cucumber cotyledons by phytogenic organic substances from the air [with summary in English]. O.I. Bezkhlibnyi. Ukr. bot. zhur. 17 no 1.46-50 '60.

GROZNYY—ENTOMOLOGY—EXHIBITIONS

Entomological exhibition in Groznyy A K Politov. Zool. zhur 39 no 3 470-480 '60

GROZNYY—TECHNICAL EDUCATION

In a multinational group. N. Tepsi. Prof.-tekh. obr. 17 no 2:25-26 F '60.

GROZNYY PROVINCE—OIL FIELDS—SAFETY MEASURES

Experience of oil-field workers in Groznyy. I.E. Baev. Bezop. truda v prom. 4 no. 3:27 '60.

GULLS see subdivision under South Georgia

GRUM-GRZHIMAILO, GRIGORII EFIMOVICH, 1860-1936

General assembly of active members of the Geographical Society of the U.S.S.R., honoring G.E. Grum-Grzhimailo. A.G. Grum-Gruzhimailo. Izv. Vses. geog. ob-va 92 no. 3:280-200 My-Je '60.

GUANIDINE

Guanidine molybdates. V.I. Spitsyn, M.P. Rubel. Zhur. neorg. khim. 5 no. 2:292-206 F '60.

GUARD DUTY

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Regulations governing garrison and guard duty of the Armed Forces of the U.S.S.R.; with amendments announced by decrees of the Ministers of Defense, effective as of March 1, 1960] Ustav garnizonnoi i karaul'noi sluzhb Vooruzhennykh Sil Soiuza SSR. S izmeneniiami i utochneniiami, ob"iavlennymi prikazami Ministra oborony SSSR po sostoianiiu na 1 marta 1960 g. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 208 p.

GUERSEL, CEMAL, 1895-

People and events: Asgeir Asgeirsson; Cemal Guersel; Moulay Hassan. Nov. vrem. 18 no. 24:19, 31 Je '60.

GUILLEN, NICOLAS, 1902-

Bard of Cuba. IUrii Dashkevich. Inostr. lit. no. 1 223-225 Ja '60.

GUINEA—DESCRIPTION AND TRAVEL

Republic of Guinea. Mol. mira. no. 12:7 '59.

GUINEA—DIAMOND MINES AND MINING

Diamonds of Guinea. N. Gavrilov, V. Konstantinov Ogonek 38 no 17:17-18 Ap '60

GUINEA—ECONOMIC CONDITIONS

The first year of Guinea. Jacques Dubois. V zashch. mira no 2:25-33 F '60.

Guinea, Morocco and Tunis on the road to economic independence. V. Shmelev. Mir. ekon. i mezhdunar. otn. no. 6 107-108 Je '60.

The Guinean experiment; to be continued. IU. Bochkarev. Nov. vrem. 18 no. 24:23-26 Je '60.

A year later... Sheik Bara Lo. Mol. mira. no. 12:6-8 '59.

GUINEA—POLITICS AND GOVERNMENT

The first year of Guinea. Jacques Dubois. V zashch. mira no. 2,25-33 F '60

The Guinean experiment; to be continued. IU. Bochkarev. Nov. vrem. 18 no. 24:23-26 Je '60.

In Guinea and Ghana with a delegation of the Association of Free German Trade Unions. Herbert Warnke. Vsem. prof. dvizh. no. 5.22-26 My '60.

A year later... Sheik Bara Lo. Mol. mira. no. 12:6-8 '59.

GULIAM, GAFUR, 1903-

IAkubov, Kh. [Gafur Guliam; his life and works; a brief account] Gafur Guliam; zhizn' i tvorchestvo; kratkii ocherk. Tashkent, Goslitizdat UzSSR, 1959. 88 p. (Dekada iskusstva i literatury Uzbekskoi SSR)
(MH)

GULLS—PARASITES see Parasites—Gulls

GUMS

Change in the teeth and periodontium in experimental fluorosis. M.I. Tarnavskaia. Probl. stom. 4:143-150 '58.

Condition of the periodontium and dehydrogenase and xanthine oxidase activity in rat livers in vitamin E deficiency. N.F. Danilevskii, K.N. Veremeenko, IU.V. Khmelevskii. Probl. stom. 4:65-72 '58.

condition of the periodontium in white rats. L.A. Sarzhevskaia. Probl. stom. 4 111-114 '58.

Influence of weakened cerebral cortex function on the condition of the periodontium. Report No. I. N.A. Kodola, L.A. Sarzhevskaia. Probl. stom. 4 47-50 '58.

GUMS—BACTERIOLOGY

Microflora of the gingival pouches in paradentosis. S.L. Utevskaia, E.I. Dobrovol'skaia, G.A. Lichman. Probl. stom. 4 103-109 '58.

GUMS—DISEASES
(see also subdivision under Kiev Province)

Active acidity and content of pyruvic acid in the saliva of patients with paradentosis. N.A. Sychev and others. Probl. stom. 4:89-92 '58.

Agglutination reaction with blood serum and with the saliva of paradentosis patients in the process of treatment. Z.A. Flis, O.G. Datsenko. Probl. stom. 4:289-294 '58.

Amount of microelements in the hard tissues of the tooth and alveolar process in healthy persons and in those with paradentosis. Z.N. Sharaevskaia. Probl. stom. 4 99-102 '58.

Application anesthesia in the removal of teeth in patients with paradentosis. L.L Sirota. Probl. stom. 4:323-326 '58.

Arched prosthesis in paradentosis. V.P. Klimova, L.N. Manziuk. Probl. stom. 4:361-364 '58.

Basic argyrophil substance in paradentosis. M.E. Barabash. Probl. stom. 4:139-142 '58.

Central nervous system function in patients with paradentosis. V A. Losev. Probl. stom. 4:21-28 '58.

Character of the proteins of the saliva of patients with paradentosis. L.I. Urbanovich, V.I. Demin. Probl. stom. 4 161-166 '58.

Clinical and radiographic picture of the initial stage of paradentosis. G.N. Vishniak. Probl. stom. 4:215-219 '58.

Clinical and radiological investigation of the condition of the periodontium in students of the Kharkov Medical Stomatological Institute. IA.L. Fridman, S.A. Vaindrukh, E.P. Reusova. Probl. stom. 4:179-183 '58.

Clinical prerequisites for orthopedic intervention in paradentosis. A.I. Betel'man. Probl. stom. 4:327-333 '58.

Condition of the digestive organs in patients with paradentosis. Report No. I. S.M. Volynskii, T.G. Gol'dova. Probl. stom. 4 167-172 '58.

Condition of the mucous membrane of the alveolar process in patients with paradentosis before and after splinting with movable teeth. Z.S. Vasilenko. Probl. stom. 4:379-382 '58.

Condition of the nervous system in patients with paradentosis. P.P. Istomin. Probl. stom. 4:15-19 '58.

Condition of the periodontium in diseases of the hemopoietic organs. E.S. IAvorskaia. Probl. stom. 4:225-228 '58.

Condition of the periodontium in patients with diseases of the digestive organs; preliminary report. S.M. Volynskii, O.D. TSyganenko. Probl. stom. 4:161-165 '58.

Condition of the pulp in paradentosis. A.P. Samoilov. Probl. stom. 4:133-138 '58.

Connection of changes in the periodontium with diseases of the upper respiratory passages and the hearing organ. A.I. Lisovskaia. Probl. stom. 4 173-176 '58.

Diagnosis of the forms and stages of paradentosis. A.I. Betel'man. Probl. stom. 4:209-214 '58.

Differential diagnosis of simple catarrhal gingivitis and of the initial stage of paradentosis. E.V. Levitskaia. Probl. stom. 4:221-224 '58.

Diffusion of paradentosis among adolescents and young persons. G.N. Vishniak. Probl. stom. 4:185-188 '58.

Diffusion of paradentosis as shown by data from an investigation of blood donors. T.G. Gol'dova, N.IA. Malikova. Probl. stom. 4:195-200 '58.

Direct prosthesis in paradentosis. A.A. Kotliar. Probl. stom. 4:357-360 '58.

Frequency of paradentosis among deaf-mutes in Kiev. Report No. I. I.O. Novik, N.F. Danilevskii, E.V. Levitskaia. Probl. stom. 4:205-208 '58.

Frequency of paradentosis in patients with internal diseases. Z.A. Flis. Probl. stom. 4:189-194 '58.

Hemotherapy in the over-all treatment of paradentosis. V.S. Kovalenko. Probl. stom. 4:257-261 '58.

Higher nervous activity in patients with paradentosis. I.O. Gilula, I.O. Novik, E.L. TSapenko. Probl. stom. 4 7-14 '58.

Indications and method in the use of massage of the gums in the treatment of paradentosis. S.I. Frankovskaia. Probl. stom. 4:245-249 '58.

Influence of antibiotics on the microflora of pathological gingival pouches in paradentosis. N.N. Skurskaia, R.A. Pasternak. Probl. stom. 4:301-304 '58.

Influence of d'arsonvalization on the condition of the capillaries of the periodontium in paradentosis. S.L Frankovskaia. Probl. stom. 4 251-256 '58.

Influence of ultraviolet irradiation on the course of paradentosis. S.I. Kryshtab. Probl. stom 4:279-282 '58.

Microflora of the gingival pouches in paradentosis. S.L. Utevskaia, E.I. Dobrovol'skaia, G.A. Lichman. Probl. stom. 4:103-109 '58.

stage of paradentosis. G.N. Vishniak. Probl. stom. 4 127-132 '58.

Morphological picture of paradentosis in the treatment of vitamin C deficiency in guinea pigs with ascorbic acid and a vitamin P preparation from conifer needles. N.F. Danilevskii, N.S. Verkhratskii, M.I. Tarnavskaia. Probl. stom. 4.73-80 '58.

Nonspecific therapy in the over-all treatment of paradentosis. M.F. Datsenko. Probl. stom. 4:311-315 '58.

Peculiarities in the morphological structure of cement and dentine in paradentosis. N.A. Kodola. Probl. stom. 4 119-126 '58.

Peripheral blood picture in patients with paradentosis. I.A. Beniumova. Probl. stom. 4:157-160 '58.

Phagocytic reaction in treatment of patients with paradentosis. O.G. Datsenko, Z.A. Flis. Probl. stom. 4 295-299 '58.

Prosthesis in paradentosis. A.D. Mukhina. Probl. stom. 4:345-349 '58.

Results of prosthesis with removable parts in paradentosis. N.A. Dobytko. Probl. stom. 4:371-373 '58.

Role of physical therapy in the over-all treatment of paradentosis. I.O. Novik, G.F. Leshchuk, Z.M. Epel'beim. Probl. stom. 4.241-244 '58.

Salivation in orthopedic treatment of paradentosis. V.S. Moroz. Probl. stom. 4:375-378 '58.

Significance of the complex of B vitamins in the treatment of paradentosis. V.A. Belitser and others. Probl. stom. 4.237-240 '58.

Some data on the condition of the blood vessels and capillaries in patients with paradentosis. V.N. Val'chuk, S.L. Frankovskaia. Probl. stom. 4:115-118 '58.

Study of the phosphorus compounds and calcium in the saliva in paradentosis. T.S. Mikhailovskaia, N.A. Sychev, N.IA. Malikova. Probl. stom. 4:93-97 '58.

Traumatic occlusion and methods for its elimination in paradentosis. Z.F. Vasilevskaia. Probl. stom. 4:351-356 '58.

Treatment of hypertrophic gingivitis. I.O. Novik, E.V. Udovitskaia, E.V. Levitskaia. Probl. stom. 4:283-288 '58.

Use of aloe in inflammatory forms of paradentosis. M.M. Kiseleva. Probl. stom. 4:263-264 '58.

Use of an electrical field of ultrahigh-frequency in the treatment of suppurating forms of paradentosis. Z.M. Epel'beim, G.F. Leshchuk. Probl. stom. 4 275-278 '58.

Use of arch bars in paradentosis. L.P. Grigor'eva, V.L. Ustimenko. Probl. stom. 4:365-369 '58.

Use of celandine for the local treatment of paradentosis. E.P. Kop'eva. Probl. stom. 4:271-274 '58.

Use of diathermocoagulation in the treatment of paradentosis. Report No. I. A.I. Marchenko. Probl. stom. 4 265-269 '58.

Use of orthopedic methods in the over-all treatment of paradentosis. M.R. Marei. Probl. stom. 4:335-344 '58.

Vitamin C balance in patients with paradentosis. L.A. Begel'man, Z.M. Dinershtein, O.A. Serdiukova. Probl. stom. 4 81-88 '58.

GUMS—INNERVATION

Condition of the nerves of the periodontium in neurodystrophic processes following injury to the trigeminal nerve. E.D. Bromberg. Probl. stom. 4.29-38 '58

Nerves of the gum region in gingivitis. N.V. Liubchenko, N.D. Lesovaia. Probl. stom. 4:59-64 '58.

Nerves of the gum region in paradentosis. N.V. Liubchenko. Probl. stom. 4:51-58 '58.

GUMS—SURGERY

Surgical method in the over-all treatment of paradentosis. S.I. Bukh-Chechik. Probl. stom. 4:317-321 '58.

Surgical treatment in paradentosis. S.N. Vaisblat. Probl. stom. 4 305-310 '58.

GUMS AND RESINS

DFK [diphenyl ketone] phenol-formaldehyde resin from tar water phenols. S.I. Sverdlov. Der. prom. 9 no. 3:23-24 Mr '60.

Making fine chips of tar-impregnated wood for the wood resin industry. N A Gurich Gidroliz. i lesokhim. prom. 13 no 2:10-11 '60.

GUMS AND RESINS, SYNTHETIC

Bactericidal properties of certain synthetic resins, cellulose preparations, and fabrics finished with them. L.G. Gus'kova, K.A. Mudretsova-Viss. Sbor. nauch. rab. INKH no. 16:107-113 '59.

Using synthetic resins and plastics in architecture and construction B M. Iofan. Izv. ASiA no. 2 135-139 '59.

GUNSHOT WOUNDS

Abramov, Sh. I. [X-ray diagnosis of gunshot wounds] Rentgenodiagnostika ognestrel'nykh povrezhdenii. [Leningrad] Gos. izd-vo med. lit-ry. Leningr. otd-nie, 1959. 449 p.
(DNLM)

X-ray picture of shot wounds of the skin. A.I. Turovtsev. Sud.-med. ekspert. 2 no. 2:17-19 Ap-Je '59.

"Distant Siberian path" by Irina Guro. Reviewed by V Stepanov Zvezda no 2:217 F '60

GURUNTS, LEONID KARAKHANOVICH

"Stories of my hearth" by Leonid Gurunts Reviewed by IA Il'ichev Zvezda no 2:218 F '60

GVARDEYSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Close contacts with life B Tolkunov Part zhizn' Kazakh 30 no. 3 63-64 Mr '60

GVOZDEV, ALEKSANDR NIKOLAEVICH, 1892-1959

A N Gvozdev [obituary] V. A Malakhovskii Rus. iaz v shkole 21 no 2 119 Mr-Ap '60

GYMNASTICS

Hand care in gymnastics. A. A. Minkh. Teor. i prak. fiz kul' 23 no. 2 117-149 '60

Methods for fixing spatial concepts about motor movements A M. Dikunov Teor i prak fiz kul' 23 no 6 414-418 '60

GYMNASTICS, MEDICAL see Exercise therapy

GYPSUM

(see also subdivision under Transcaucasia)

Improving the quality of gypsum molds. R. Z. El'kinson. Stek. i ker 17 no. 2 37-38 F '60.

Increasing the water resistance of gypsum E. S. Savin. Trudy RISI no 15 93-108 '58

Machine for finishing gypsum partitions I IA Kuznetsova Rats i izobr predl v stroi no 14 32-34 '60

Making gypsum concrete partitions and wall panels on stands E E Shamis Stroi mat 6 no 3 28-29 Mr '60

Rolled large-panel gypsum concrete partitions M Ginzburg Bud mat i konstr 2 no 1 3-6 F '60

Sulfite-gypsum mastics Rats i izobr predl v stroi no 14 71 '60

Thermal relation of the interaction time of gypsum and lime with water V. B Ratinov, V A Grigorian Stroi mat 6 no 3 32-33 Mr '60

Using urea resins in making gypsum molds. L. G. Tilevich. Stek i ker. 17 no. 3 33 Mr '60.

Volzhenskii, A. V., M. I. Rogovoi, and V. T. Stambulko. [Gypsum-cement and gypsum-slag binding materials and products] Gipsotsementnye i gipsoshlakovye viazhushchie i izdeliia. Pod obshchei red. A. V. Volzhenskogo. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 166 p.

GYPSUM—TESTING

Investigating the dielectric permeability of gypsum during dehydration processes M. P. Nazarov, V. D. Alekseev. Trudy RISI no 15 109-119 '58

GYROCOMPASS

Reducing a gyrocompass for meridian during the speeding up of gyrowheels. IA. N. Roetenberg. Prikl. mat. i mekh. 24 no. 1:88-92 Ja-F '60.

HAFIZ, 14th Century

Hafiz. A. Shoitov. Nauka i rel. no. 3:88-89 N '59.

HAFNIUM

Separating hafnium and zirconium by extracting their nitrates with the diisoamyl ester of methylphosphonic acid. G. A. IAgodin, O. A. Mostovaia, A. M. Chekmarev. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:135-137 '60.

HAINAN—AUTOMOBILES—TESTING

"Volga" on the island Hainan Ogonek 38 no. 17:30 Ap '60.

HAIR

Hair shed by animals is a valuable material. M. Borisova. Sov potreb. koop 4 no 2:24 '60.

Origin of hair covering in modern man. S. A. Semenov. Trudy Inst ent. 50:210-231 '60.

HAIRDRESSING

Stylish hairdos. M. Tarankevich. Belarus' 17 no. 2:29 F '60.

University of beauty and health Smena 37 no 12 20-21 Je '60

HAITIAN LITERATURE—HISTORY AND CRITICISM

Contemporary problems in Haitian literature Jacques Stephen Alexis Inostr lit no 2 203-205 F '60

HAITIAN POETRY—HISTORY AND CRITICISM

Poets of Haiti. Inostr. lit no. 1:131-141 Ja '60

HALAN, IAROSLAV, 1902-1949

IA. Halan. Nauka i rel. no. 2:85-87 O '59.

HALID, REFIK, 1886-

Refik Halid Karai's collection of works "Stories of the motherland." G. V. Sorokoumovskaia. Uch. zap. LGU no. 282 133-143 '59.

Interaction between nitroolefins and acyl halides L M Kozlov, E A Markovich, B G Liorber Zhur ob khim 30 no 6 1937-1941 Je '60

HALL EFFECT

Hall effect in ferromagnetic materials. V. N. Novogrudskii, A A Samokhvalov, I. G. Fakidov. Fiz. met. i metalloved 8 no. 6 834-835 D '59

HALLUCINATIONS AND ILLUSIONS

Delirious phantasies. K. D. Maslova. Probl. sud. psikh. 8:277-290 '59.

Dynamics of hallucinations in schizophrenia G. M. Molchanov Probl sud psikh 8 540-549 '59

Study of the bioelectric activity of the cerebral cortex in psychogenic hallucinations and in the hallucinations of schizophrenic patients. N. I. Smirnova Probl. sud. psikh. 8:643-659 '59.

HALOGEN COMPOUNDS

Complex formation of organic halogen compounds with organic substances containing oxygen. M. I. Bardamova. Izv. Sib. otd. AN SSSR no. 2 71-75 '60.

Preparation of amino compounds by the reaction of aromatic halo derivatives with fused urea. V. A. Lavrishchev, Val. L. Plakidin, A. E. Kretov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1,127-129 '60.

HAMBURG—SUBWAYS

Television in the Hamburg subway. Avtom., telem. i sviaz' 4 no. 2:46-47 F '60.

HAMMER TOE see Toes—Abnormities and deformities

HAMSTERS

(see also subdivision under America)

Palaearctic hamster species (Cricetinae-Rodentia) in statu nascendi N N Vorontsov Dokl AN SSSR 132 no 6 1448-1451 Je '60

The system of hamsters (Cricetinae) in the world fauna and their phylogenetic relationships N N. Vorontsov. Biul MOIP. Otd biol 64 no. 5 134-137 S-O '59.

HAND

Development of the hand in the process of anthropogenesis; place occupied by the Kiik-Koba findings among Neanderthal forms V. P Alekseev Trudy Inst. ent 50:179-209 '60

Functions of the movements of the hand and eye in the process of perception [with summary in English]. V. P. Zinchenko, B. F. Lomov. Vop. psikhol 6 no. 1:29-41 Ja-F '60.

HAND—DISEASES

Gorbunov, V. P. [Stenosing ligamentitis of the dorsal ligament of the carpus and of the cricoid ligaments of the fingers] Stenoziruiushchie ligamentity tyl'noi sviazki zaplast'ia i kol'tsevidnykh sviazok pal'tsev. [Leningrad] Medgiz, 1958. 70 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HAND—HYGIENIC ASPECTS

Hand care in gymnastics. A. A. Minkh. Teor. i prak. fiz. kul'. 23 no. 2:117-149 '60.

HAND—INNERVATION

Variations in the nerve structure of the back of the human hand. T. V Doronina. Zdrav Belor 3 no 10:34-37 O '57.

HANDICAPPED see subdivision under United States

HANDICAPPED—REHABILITATION, ETC.

Fliaster, M. I [Laws that regulate the work of members of the producers' cooperatives of disabled persons] Pravovoe regulirovanie truda chlenov koperativnykh promyslovykh artelei invalidov. Moskva, Vses. koop. izd-vo, 1959 74 p.

HANDICAPPED CHILDREN—EDUCATION

N. K. Krupskaia on the schools for deaf, blind, and mentally handicapped children. A. I. D'iachkov. Sov. pedag. 24 no. 3:101-106 Mr '60.

HANDWRITING see Penmanship

HANSEN'S DISEASE see Leprosy

HANZAG, HUNGARY—RECLAMATION OF LAND

Hello, Hanzag! L. Pavlov. Vokrug sveta no. 3:49 Mr '60.

HARBORS

Ivanov, L. A. [River harbor roadsteads] Reidy rechnykh portov. Moskva, Izd-vo "Rechnoi transport," 1960. 74 p.

HARD FACING

Automatic hard facing of press bushings by means of a powder metal wire in an atmosphere of carbon dioxide. M I. Razikov, E I Bobrov. Svar proizv. no 2 29-30 F '60

Hard facing of metals by ball burnishing. Z. P. Grozinskaia. Trudy Sem. po kach. poverkh. no. 4.158-163 '59.

Iskol'dskii, S L Cherkinskaia Svar proizv no 2 32-35 F '60

Improving operating processes of electric-spark hard facing. N. F. IAkovlev. Mash. Bel. no. 6:111-118 '59.

Shokhov, I. S. [Hardfacing of cutting and stamping tools and measuring instruments] Uprochnenie rezhushchikh, shtampovykh i izmeritel'nykh instrumentov. Moskva, Vses uchebno-pedagog izd-vo Trudrezervizdat, 1959. 94 p. (Novaia tekhnika i peredovye metody truda)

Using hardening calking for increasing the fatigue strength of machine parts. I S. Shteinberg. Trudy Sem. po kach. poverkh no. 4 211-224 '59.

HARDBOARD

(see also subdivision under Black Mountain, N. C.; Germany, West)

Pressing particle boards with the use of slops concentrates. IU. N. Vinogradov, O B. Denisov, G. IA. Traitel'man Der. prom. 9 no. 3:11-12 Mr '60.

Rapid pressing of particle boards. V. M. Cherezova. Der. prom. 9 no. 2:7-9 F '60.

Stability of circular saws in cutting particle boards. A. A. Kovalenko. Der. prom. 9 no. 2:17-18 F '60.

HARDNESS

Effect of the elastic recovery of impressions on the loading dependence of microhardness. IU. S. Boiarskaia, IU. P. Keloglu, IU. O. Lapsker. Zav. lab. 26 no. 4:477-480 '60.

Effect of geometrical parameters of conical diamond tips on the results of metal hardness measurement. B. I. Pilipchuk. Zav. lab. 26 no. 4:510-513 '60.

New dynamic hardness number. M. S. Drozd. Zav. lab. 26 no. 4:472-477 '60.

New hardness number. M. S. Drozd. Zav. lab. 26 no. 3 386-388 '60.

HARDNESS—TESTING

Errors in determining hardness with impact test devices. B. A. Vandyshev. Izm. tekh. no. 2:8-11 F '60.

HARDWARE

Abramov, P. R. [Hardware and electric appliances; machines for the home] Metallokhoziaistvennye i elektrotovary; bytovye mashiny. Moskva, Gos. izd-vo torg. lit-ry, 1958. 200 p.
(NNC)

HARELIP

Method for the correction of the nose in congenital fissure of the upper lip by means of tissues of the concha nasalis inferior I. V. Berdiuk. Vrach delo no 1:85 '60.

HARES

Dispersal of seeds of some weed species by the gray hare [with summary in English] G V Modin. Zool zhur 39 no 3 472-474 '60

Effect of the white hare on the reproduction of larch forests in central Yakutia [with summary in English] L. G. Dinesman Biul MOIP. Otd biol. 64 no 5 17-35 S-O '59.

HARES—DISEASES AND PESTS

Material on the pathomorphological changes in the lungs during protostrongyliasis in hares. D. V. Moseliani, T. E. Rodonaia. Soob. AN Gruz. SSR 23 no. 6 719-720 D '59.

HARMONIC FUNCTIONS

Potentials for a polyharmonic equation of the fourth order. O. I. Panich. Mat. sbor. 50 no. 3:335-368 Mr '60.

Use of conformal mapping in solving Dirichlet's problem for a Laplace equation by interpolation. A. F. Zolin. Dokl. AN Uz. SSR no. 11:3-9 '56.

HARVESTING

Harvest reports. D. A. Utkin. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:6-8 Je '60.

HARVESTING MACHINERY

Fundamental premises for designing a reed harvesting machine L. N. Kuznetsov. Trudy RISI no. 15:171-178 '58.

Shcherbakov, K. F. [Machines for harvesting industrial crops; theory, construction, and calculation] Mashiny dlia uborki tekhnicheskikh kul'tur; teoriia, konstruktsiia i raschet. Pod red. D. I. Solov'eva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 301 p.

HASEK, JAROSLAV, 1883-1923

Jaroslav Hašek's atheistic stories. Nauka i rel. no. 3:41 N '59.

HAWAIIAN ISLANDS—ETHNOLOGY

Hawaiian collections in the Museum of Anthropology and Ethnology. IU. M Likhtenberg. Sbor. Muz. ant. i etn. 19:168-205 '60.

HAWKS

Notes of a naturalist IUn nat. no 5.38 My '60.

Comparative testing of machinery units for hay harvesting. L. Zhogova, V. Ryzhova, Z. Zhurba. Tekh. v sel'khoz. 20 no. 2 25-28 F '60.

Vorozhtsov, I. P. [Over-all mechanization of haying] Kompleksnaia mekhanizatsiia uborki trav. Moskva, Mashgiz, 1958. 72 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)
(DA)

HEAD—WOUNDS AND INJURIES

Hysterical manifestations in late periods following closed head injuries in legal psychiatric practice. T. P. Pechernikova. Probl. sud. psikh. 8:261-276 '59.

HEADACHE

Headache. E. V. Shmidt, V. A. Kachko. Zdorov'e 6 no 5,11-13 My '60.

HEALTH EDUCATION

(see also subdivision under Tula Province)

Let us have a health education room in each club. V. Z. Barbarash. Zdravookhranenie 2 no. 6:48-50 N-D '59

Popular universities of health. Zdorov'e 6 no 5 6 My '60

State of the health education program at an urban medical center. M. A. Ershova. Vrach. delo no 4 409-411 Ap '60

HEALTH RESORTS, WATERING PLACES, ETC. see subdivision under Black Sea region, Crimea, Uzbekistan; also Khmelnik, Pitsunda

HEART

Change in the frequency of cardiac contractions during muscular activity. A. A. Arutsev. Teor. i prak. fiz. kul'. 22 no. 12 930-933 '59.

Heart treats heart. N. Dzhavadian, B. Rostovtsev. Sov. Soiuz no. 2:24-25 '60.

Influence of oxygen therapy on myocardial function in patients with circulatory insufficiency as shown by electrocardiographic data. Preliminary report. I. K. Sledzevskaia. Mat po obm nauch inform no 2:135-145 '58.

HEART—ABNORMITIES AND DEFORMITIES

Defects of the septum atriorum and their closure by Sondergaard's method [with summary in English]. M. S. Grigor'ev, M. I. Burmistrov. Grud. khir. 1 no. 1:16-24 Ja-F '59.

HEART—DISEASES

Indications and contraindications for the operation of ligating the vena cava inferior in decompensated defects of the heart. I. K. Karaev. Med zhur Uzb. no. 6.39-45 Je '58.

Pathomorphological changes in the lungs and heart in thromboembolus of the pulmonary artery. T. P. Vinentsova. Vrach. delo no. 1:35-38 '60.

Physical and chemical principles involved in the insufficiency of the hypertrophied heart. G. I. Frenkel'. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:3-36 '59.

HEART—HYDATIDS

Case of echinococcus of the heart. L. E. Beloiskaia, O. G. Terekhov. Med. zhur Uzb. no 6:75-77 Je '58

HEART—INFARCTION

Abdominal form of myocardial infarct. M. P. Cheren'ko. Vrach. delo no. 3:265-267 Mr '60.

Analysis of cases of death occuring at home from myocardial infarct. M. G. Mostovoi. Vrach. delo no. 1:79-81 '60.

Miocardium infarct. IE. Revuts'kyi. Nauka i zhyttia 10 no. 2 41-44 F '60.

Moscow. TSentral'nyi institut usovershenstvovaniia vrachei. [Angina pectoris and myocardial infarct] Grudnaia zhaba i infarkt miokarda. Pod red. A. Z. Chernova. Moskva, 1959. 201 p.
(DNLM)

Use of dicoumarin in myocardial infarct. L. A. Dorosh. Med. zhur. Uzb. no. 11:31-33 N '58.

HEART—MUSCLE

Changes in the rest potential of the heart muscle in X-irradiated rats. E. N. Goncharenko. Vest. Mosk un. Ser. biol., pochv., geol., geog. 14 no. 4:14-16 '59.

HEART—RADIOGRAPHY

Comparative roentgenkymographic observations on the influence of eryside, erysimine, and strophanthin on the cardiovascular system of patients with circulatory insufficiency. L. P. Verbitskaia, E. A. Studzinskaia, O. I. Gornovskaia. Vrach. delo no. 3:239-241 Mr '60.

Roentgenkymography of the heart in pulmonary tuberculosis. M. A. Kuklin. Vrach. delo no. 2:201-203 F '60.

HEART—SURGERY

(see also subdivision under Riga)

Defects of the septum atriorum and their closure by Sondergaard's method [with summary in English]. M. S. Grigor'ev, M. I. Burmistrov. Grud. khir. 1 no. 1:16-24 Ja-F '59.

"Dry heart." N. Romova. Ogonek 38 no. 17:16 Ap '60.

of the peripheral ends of the vena cava superior and the branches of the pulmonary artery in case of dextroposition of the bulbus cordis (in Fallot's tetralogy) [with summary in English]. E. N. Meshalkin, V. I. Frantsev. Grud. khir. 1 no. 1:52-59 Ja-F '59.

Surgery for a defect of the septum atriorum and for valvular stenosis of the pulmonary artery under visual control [with summary in English]. A. A. Vishnevskii, V. I. Burakovskii. Grud. khir 1 no 1 3-15 Ja-F '59.

HEART—TUMORS

Recognition and treatment of primary tumor of the heart [with summary in English]. S. L. Libov, E. L. Kevesh, K. F. Shuriaeva. Grud. khir. 1 no. 1:101-106 Ja-F '59.

HEART—WOUNDS AND INJURIES

Distribution of ribonucleic acid during the healing of wounds in the myocardium of the rat. L. V. Akhabadze. Dokl. AN SSSR 132 no 5 1210-1212 Je '60

Heart wound. A. F. Ageev. Kaz. med. zhur. 41 no. 1. 92-93 Ja-F '60.

Knife wound of the heart and lung. I. N. Matveev. Kaz. med. zhur. 41 no. 1:92 Ja-F '60.

HEAT

Discussion on one heat theory. V. F. Stepanchuk, G. I. Khutskii. Izv. vys. ucheb. zav., energ. 3 no. 5:167-169 My '60.

HEAT—CONDUCTION

Approximate solution of some nonlinear problems of heat conductivity and percolation of liquids. G. A. Tirskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 132-138 My-Je '60.

Korenev, B. G. [Some problems on the theory of elasticity and heat conduction solvable in Bessel functions] Nekotorye zadachi teorii uprugosti i teploprovodnosti, reshaemye v besselevykh funktsiiakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 458 p.

HEAT—PHYSIOLOGICAL EFFECT

Gastric secretion and the bactericidal action of the gastric juice under high external temperature and solar radiation. G. F. Korot'ko, O. I. Smirnova. Med. zhur. Uzb. no. 8/9 79-83 Ag-S '58

Some mechanisms of the evacuatory activity of the stomach in dogs under conditions of high external temperature and solar radiation. G. F. Korot'ko. Med. zhur Uzb. no. 7 46-50 Jl '58

HEAT—RADIATION AND ABSORPTION

Temperature field of mobile sources of heat. A. G. Temkin. Dokl. AN BSSR 4 no 2:55-57 F '60.

Thermal radiation of thin coatings. Pak Sen Su. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1:64-72 '60.

HEAT—TRANSMISSION

Calculating unsteady temperatures in an I-shaped element. N. I. Nazarov, M. S. Povarnitsyn, E. V. IUrlova. Vop. rasch. elem. aviats. konstr. no. 1:142-168 '59.

Connection between the coefficients of radiating heat loss and radiating heat exchange and nomograms for their determination. N. S. Vavilov. Trudy Inst met. no. 5:50-60 '60.

Experimental determination of the heat transfer coefficient in tubular heat exchangers equipped with a spray cooler. T. A. Boushev, V. N. Shuvalov. Trudy LTIKHP 13:71-78 '57.

Experimental investigation of the processes of combustion and heat exchange in burning pulverized liquid fuels in a cylindrical combustion chamber under pressure. G. N. Deliagin. Trudy IGI 11:113-126 '59.

Heat exchange in drying cylinders with conical boring. I. K. Chernyshovskii. Izv. vys. ucheb. zav.; energ. 3 no. 6:110-116 Je '60.

Heat exchange in shaft furnaces. S. V. Shavrin, A. V. Chentsov. Izv. vys. ucheb. zav., chern. met. no. 5: 172-176 '60.

Heat transmission through the tank walls of a glass melting furnace. N. A. Zakharikov, A. I. Rozhanskii. Stek. i ker. 17 no. 3:1-9 Mr '60.

Investigating the heat transfer in the evaporation of second run sirup at the Beslan corn combine. S. K. Zhura. Sakh. prom. 34 no. 3:61-64 Mr '60.

Numerical integration of simultaneous differential equations of heat transfer and the mass of a substance. P. P. IUshkov. Trudy Inst. energ. AN BSSR no 10 73-80 '59.

Principal problems in thermophysical engineering. A. V. Lykov. Izv. ASIA no. 4:73-87 '59.

Rational method for the evaluation of the utilization of the heat potential in heat exchange processes. I. T. El'perin. Trudy Inst. energ. AN BSSR no. 10:64-72 '59.

Transmission of heat in a cone. N. N. Gvozdkov. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no. 3:14-21 '59.

HEAT CAPACITY

Investigating the heat capacity of molasses waste. S. M. Konstantinov. Izv. vys. ucheb. zav., pishch tekh. no. 1: 94-98 '60.

Methods of determining the heat expended in coking. R. E. Leibovich, V. A. Leites. Koks. i khim. no. 4:24-28 '60.

by the method of true heat capacity. IU. D. Tret'iakov, K. G. Khomiakov. Zhur neorg khim. 5 no 2:410-414 F '60.

HEAT ENGINEERING

Birkgan, IU. B. [High-temperature heat engineering in the oils and fats industry abroad] Vysokotemperaturnoe teplosnabzhenie v zhirovoi promyshlennosti za rubezhom. Moskva, GOSINTI, 1959. 47 p. (Zarubezhnaia tekhnika)

Comments on I. N. Sushkin's book "Fundamentals of heat engineering." N. F. IAkovlev, A. O. Pushkevich, S. L. Chekol'skii. Izv. vys. ucheb. zav., energ. 3 no. 4.146 Ap '60.

Conference of heat technicians in the sugar factories of the Ukraine. V. Z. Savochkin. Sakh prom. 34 no. 3 70-71 Mr '60.

Experience in the automatization of heating at the old coke-oven battery. P. S. Aizikov. Koks. i khim. no. 4 49-51 '60.

Heat engineering: Equipment for fuel feed and the disposal of ashes in industrial plants. Prom. energ. 15 no. 3 3 of cover. Mr '60.

Kholodovskii, G. E. [Physical processes in thermal-power engineering] Fizicheskie protsessy v teploenergetike. Moskva, Gos energ. izd-vo, 1960 127 p (Biblioteka teplotekhnika, no. 6)

"Principles of heat engineering" by I. N. Sushkin. Reviewed by N. F. IAkovlev, A. O. Pushkevich, S. L. Chekhol'skii. Metallurg 5 no 3 40 Mr '60

"To the volcanoes of Kamchatka" by L. E. Sviatlovskii. Priroda no 6 122 Je '60.

HEAT EXCHANGERS

Conditions for the operation of plate-type heat exchangers. A. M. Ginstling, V. V. Barsov, V. P. Vladimirtsev. Bum prom. 35 no. 1 16-18 Ja '60.

Construction of heat exchangers from new acidproof casting material. P. P. Neugodov. Med prom 14 no 3:29-31 Mr '60.

Experimental determination of the heat transfer coefficient in tubular heat exchangers equipped with a spray cooler. T. A. Boushev, V. N. Shuvalov. Trudy LTIKHP 13 71-78 '57

HEAT OF COMBUSTION

Thermochemical determination of the heats of combustion of 2-ethyl- and 2-vinylpyridines. A. A. Balandin and others. Izv. AN SSSR Otd. khim. nauk no. 5:784-786 My '60.

Ways of increasing the energy content of hydrocarbon fuels. IA. B. Chertkov. Khim. i tekh. topl. i masel 5 no. 4 1-4 Ap '60

HEAT OF FORMATION

Approximate method of calculating the ΔH°_{f} of alkanes and their radicals. L. A. Muzychenko, N. P. Shpigar', A. I. Kamneva. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no 1:24-28 '60.

Calorimetric determination of the heat of reduction of ferrites by hydrogen. Part 4 Reduction of magnesium ferrite. Determination of the heat of formation of magnesium ferrite. L. A. Reznitskii, K. G. Khomiakov. Vest Mosk un Ser 2 Khim. 15 no 2 28-30 Mr-Ap '60

Determination of the heat of formation of tungsten hexabromide. S. A. Shchukarev, G. A. Kokovin. Zhur. neorg. khim. 5 no. 2:507 F '60

Heats of formation of niobium oxides and carbides. F. G. Kusenko, P. V. Gel'd. Izv. Sib. otd. AN SSSR no. 2:46-52 '60.

HEAT PUMPS

Demon of the "Santekhnika" Plant. N. Semenov. Tekh. mol. 28 no. 2:5-7 '60.

HEAT REGENERATORS

Efficient conditions for the installation of waste heat boilers. I. B. Gol'denberg. Stal' 20 no. 3 285-287 Mr '60.

HEAT-RESISTANT ALLOYS

Investigating the heat resistance of platinum alloys with rhodium, iridium, ruthenium, chromium and aluminum by the flexure method. I. I. Kornilov, R. S. Poliakova. Trudy Inst. met. no. 5:138-144 '60.

"Nonmagnetic" alloys in the Institute of Precision Alloys. D. I. Gabrielian. Sbor. trud. TSNIICHM no. 22:5-9 '59.

Research in the field of alloys for high-temperature thermocouples. A. A. Rudnitskii, I. I. Tiurin. Zhur. neorg. khim. 5 no. 2:401-409 F '60.

Thermal expansion in heat-resistant alloys of binary systems Cr - Mo, Cr - V, Nb - Mo, Zr - Ti. K. S. Pridantseva. Sbor. trud. TSNIICHM no. 22:18-28 '59.

HEATING

Centralized heat supply from boiler installations. IU. B. Aleksandrovich. Vod. i san tekh. no 6 9-14 Je '60.

Comparison of gas and electric heating systems in industrial furnaces. A. A. Shchukin, A. A. Shchukin, jr. Gaz. prom. 5 no. 6:20-28 Je '60.

Equation for the calculation of the heat-accumulating capability of buildings. Tsin Shu-t'in. Izv. vys. ucheb. zav.; energ. 3 no. 6:130-135 Je '60.

Precast reinforced concrete construction elements for heating systems. D. IA. Bologovskoi. Stroi. i arkhit Len. 22 no. 2 25-27 '60

HEATING—STANDARDS
In the Scientific Technical Society of the Construction Industry (section of heat supply, heating and ventilation) Vod. i san. tekh. no.4:30 [illegible] Ap '60.

HEATING FROM CENTRAL STATIONS
(see also subdivision under White Russia)
Data pertaining to municipal electricity and heat plants during 1956 and 1957. A. F. Afanas'ev. Energokhoz. za rub. no.2:11-16 Mr-Ap '60.
Development of heat supply systems in cities. [illegible] Kop'ev. Vod. i san. tekh. no.6:5-9 [illegible] '60.
Increasing the reliability of packing glands in heating systems. V. V. Ovechnikov. Energetik 8 no.4:3 [illegible] '60.

HEATING FROM CENTRAL STATIONS—CONGRESSES
Conference on outlooks for the development of district heating and [illegible] in the U.S.S.R. [illegible] no.4:50-51 Ap '60.

HEATING PIPES
Economical use of metals in the construction of heating systems. A. M. [illegible] Vod. i san. tekh. no.4:[illegible] Ap '60.
Rated temperature drop in exterior heating networks. P. I. [illegible] Vod. i san. tekh. no.4:[illegible] Ap '60.

HEAVISIDE LAYER see Ionosphere

HEINE, HEINRICH, 1797-1856—BIBLIOGRAPHY see Bibliography—Heine, Heinrich, 1797-1856

HELICOPTERS
Helicopters help [illegible] A. [illegible] Grazhd. av. 17 no.[illegible] Mr '60.
Helicopters in the service of geologists. N. A. [illegible] Grazhd. av. [illegible] Mr '60.
Kondrat'ev, P.V. [Helicopters and their use] Vertolety i ikh primenenie. Moskva, Izd-vo DOSAAF, 1960. 157 p.
[illegible]
Using Mi-1 helicopters in pest control. I. Al'perovich. Tekh. v sel'khoz. 20 no.2:75-[illegible] '60.

HELICOPTERS—COLD WEATHER CONDITIONS
Flying a helicopter in winter. V. [illegible] Grazhd. av. 17 [illegible]

HELIUM
Removal of hydrogen from helium. [illegible] Gaz. prom. 5 [illegible]

HELMINTHOLOGY
[illegible] [Papers on helminthology, on the occasion of Academician K. I. Skriabin's 80th birthday] [illegible] 1959 [illegible]
(MIRA [illegible])

HEMINGWAY, ERNEST, 1899-
[illegible]

HEMOGLOBIN
[illegible]

HEMOLYSIS AND HEMOLYSINS
Hemolytic properties of [illegible] Mat [illegible] no.2:[illegible] '59.
Mechanism of hemolysis [illegible] Mat [illegible] no.2 [illegible] '59.

HEMOPOIETIC SYSTEM
[illegible]
Peripheral [illegible]
Peripheral [illegible]
Peripheral [illegible]

Condition of the [illegible] Hemingway [illegible] '60.

HEMORRHAGE
[illegible]

HEMORRHOIDS
[illegible] [Hemorrhoids] [illegible] 1959 [illegible]
(MIRA [illegible])

HEMP
[illegible]

HEPATITIS, INFECTIOUS
[illegible]

[illegible]

HERBARIA
[illegible]

HERBICIDES
[illegible]

[illegible]

Czechoslovakian scientist awarded the Nobel prize. A.Jandera. Tekh.mol. 28 no.2 3-4 '60

HIGH BLOOD PRESSURE see Hypertension

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH

Compressibility of liquids and solids by superhigh pressures. P V Matorin. Nauch.dokl vys. shkoly, fiz -mat.nauki no 3;141-144 '59

High pressure and high temperature apparatus with conical dies L. F. Vereshchagin and others Dokl AN SSSR 132 no 5 1059-1061 Je '60

Unit for studying galvanomagnetic phenomena under pressures up to 30,000 atmosphere A I Likhter Prib. i tekh eksp no 1 131-132 Ja-F '60

HIGH SPEED PHOTOGRAPHY see Photography, High speed

HIGH TEMPERATURE METALLURGY see Metals at high temperatures

HIGHER EDUCATION see Education, Higher

HIGHWAY DEPARTMENTS

Improve the organization of highway administrations to meet new objectives Avt dor 23 no 3·23-24 Mr '60

HIGHWAY TRANSPORT WORKERS

(see also subdivision under Moscow)

Let us be fully prepared for a shortened workday and the new wage system. Avt transp 38 no 2 3-5 F '60

HILBERT SPACE

TCP theorem and its applications. G.Grawert, G.Lüders, H.Rollnik. Usp.fiz.nauk. 71 no.2:289-325 Je '60.

HILEVICH, NIL, 1931-

Quests and discoveries ("Early spring has come to our land" by Nil Hilevich. Reviewed by An.Shaunin). Belarus' 17 no.3·31 Mr '60.

HINGES

Making hinge seats in window and door blocks. Rats.i izobr.predl.v stroi. no.13;111-112 '59.

HIP—EXCISION see Excision of hip

HIP JOINT—ABNORMITIES AND DEFORMITIES

Subtrochanteric osteotomy as a method for correction of a defective position of the hip. E.K.Tateosova. Trudy Len.gos nauch.-issl.inst.travm.i ortop. no.7:170-176 '58.

HIP JOINT—FRACTURE

Treatment of closed fractures of the diaphysis of the hip. E.I.Girshovich. Trudy Len.gos.nauch.-issl.inst. travm.i ortop. no.7:105-119 '58.

HIP JOINT—SURGERY

Atypical resection in tuberculous coxitis [with summary in English]. E.N.Stanislavleva. Khirurgiia 35 no.12· 73-79 D '59.

Modification of osteosynthesis in the treatment of a false joint of the femoral neck. S E.Kashkarov. Trudy Len. gos.nauch.-issl.inst.travm.i ortop. no.7:99-104 '58.

HIP JOINT—TUMORS

Case of resection of the vascular bundle in an extensive tumor of the soft tissues of the hip. A.M.Statnikov. Med.zhur.Uzb. no.10:88-89 O '59.

HIPPOPOTAMUS, FOSSIL see subdivision under Georgia

HISTORIC HOUSES, ETC. see subdivision under Buryat-Mongolia

HISTORICAL LIBRARIES see subdivision under Leningrad

HISTORICAL MARKERS see subdivision under Kamchatka

HISTORICAL MUSEUMS

(see also subdivision under Lvov; Moscow)

Museum rooms in rural clubs. S.Nemchyn, S.Ustymenko Sots.kul't. 13 no.2·12-14 F '60.

HISTORIOGRAPHY

Problems in the historiography of Soviet society V.A. Kumanev, V.S Lel'chuk Vest AN SSSR 30 no 6 143-144 Je '60.

V.I.Lenin and historical science. M.E.Naidenov. Prep. ist.v shkole 15 no.2:10-21 Mr-Ap '60.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—COMPETITIONS

Contest for the N.N.Miklukho-Maklaia Prize of the Academy of Sciences of the U.S.S.R. during 1960. Vest.ist.mir.kul't. no.1:150 Ja-F '60.

HISTORY—CONGRESSES

Soviet-British conference of historians in Moscow. Vop.ist. no.6:220 Je '60.

Historical news. Prep.ist.v shkole 15 no.2:126-128 Mr-Ap '60.

HISTORY—PERIODICALS

Leading periodical of Soviet historians Prep ist v shkole 15 no 1 122-123 Ja-F '60

Periodical "Istoriia S.S.S.R." Prep.ist.v shkole 15 no.2.124 Mr-Ap '60.

Problem plan of the methods section of the periodical for 1960 Prep ist v shkole 15 no.1 128 Ja-F '60

HISTORY—PHILOSOPHY

An Australian defender of subjectivistic views on the interpretation of historical process ("Knowing the past" [in English] by E.Tapp. Reviewed by G.M.Ivanov). Nauch.dokl.vys.shkoly; filos.nauki 3 no.1:206-207 '60.

Relation between subject and object in Marxian philosophy (in connection with the conception of the materialistic interpretation of history). M.Kissel'. Biul SNO LGU no.1 149-161 '58.

Some problems of historical materialism in the works of A.TSulukidze. M.N.Kilaberia. Nauch.dokl.vys.shkoly; filos.nauki 3 no.1·139-144 '60.

HISTORY—SOCIETIES, ETC.

Historical society in a school. A.M.Lushnikov. Prep. ist.v shkole 15 no.2;93-96 Mr-Ap '60

HISTORY—STUDY AND TEACHING

Along the Lenin path to communism. Prep.ist.v shkole 15 no.2·3-9 Mr-Ap '60.

Andreevskaia, N.V. [Essays on methods of teaching history; classes 5-7] Ocherki metodiki istorii, V-VII klassy. Leningrad, Gos. Uchebno-pedagog.izd-vo, 1958, 285 p.
(IU)

Brief notes. Vop.ist. no.6·208-209 Je '60.

"Culture in a school course on history, grades 8-10" by A A Vagin, N.V.Speranskaia. Reviewed by V P Kalinin. Prep.ist.v shkole 15 no 1 97-99 Ja-F '60

Discussion of new history programs Prep ist.v shkole 15 no.1 125 Ja-F '60

A discussion of the secondary school history program at the Institute of History of the Academy of Sciences of the U.S.S.R. A.M.Sinitsin. Vop.ist. no.6 186-191 Je '60.

[Documents and materials on the reorganization of schools] Dokumenty i materialy po perestroike shkoly. Moskva, Gos.uchebno-pedagog. Izd-vo M-va prosv. RSFSR, 1960. 169 p.

For further development of historical and legal educatio Prep ist v shkole 15 no.1 3-8 Ja-F '60.

For the improvement of historical education N F.Kolosova and others. Prep ist.v shkole 15 no 1 43-47 Ja-F '60.

Guide students to useful work Prep ist.v shkole 15 no 1 51-58 Ja-F '60

In the Academy of Pedagogical Sciences of the R.S F.S.R Prep.ist v shkole 15 no 1 124 Ja-F '60.

Inculcate the communist attitude toward work. P.S. Leibengrub. Prep.ist.v shkole 15 no.2;55-67 Mr-Ap '60.

Local lore study as means of contact between school and life. Sov.pedag. 24 no.6;3-14 Je '60.

Manual for history teachers ("Using visual aids in history classes" by M.I.Dekhtiaruk. Reviewed by V.P.Livadonov, M.R.Pliushch, V I.Lytovchuk). Rad.shk. 39 no.3·95-96 Mr '60.

The resolution of the Central Committee of the Communist Party of the Soviet Union "Concerning the tasks of party propaganda in view of present-day conditions" and the science of history Vop.ist. no 6 3-9 Je '60

A useful initiative. L.S.Semenova. Prep.ist.v shkole 15 no.2;96 Mr-Ap '60.

"Various methods for history classes" by N G.Dairi. Reviewed by P V Gora Prep ist v shkole 15 no.1 99-103 Ja-F '60.

HISTORY, ANCIENT—STUDY AND TEACHING

Concerning the work of the Department of Ancient History, 1958-1959. I.Borshch. Vest.drev.ist. no.1;202-204 '60.

Seminar on ancient history. V.A Vantsevich. Prep.ist. v shkole 15 no.1 125 Ja-F '60

HISTORY, MODERN

Molok, A.I., and V.A.Orlov, eds. [Anthology of modern history; a handbook for teachers in secondary schools] Khrestomatiia po novoi istorii; posobie dlia prepodavatelei srednei shkoly. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR.
Pt.2. 1870-1918. 1959. 372 p.

Revunenkov, V.G., ed. [Modern history; a manual for secondary schools] Novitnia istoriia; posibnyk dlia seredn'oi shkoly. Vyd. 3. Kyiv, Radians'ka shkola, 1959. 243 p.
(NNC)

HISTORY, MODERN—STUDY AND TEACHING

Discussions in current history classes. N.I.Gorkunova. Prep ist.v shkole 15 no 1 66-70 Ja-F '60

Documentary material in teaching current history A.V. Druzhkova Prep ist v shkole 15 no 1 71-72 Ja-F '60

"Experience in teaching current history in schools." Reviewed by V V Boikov, V.A Orlov Prep ist.v shkole 15 no 1 103-107 Ja-F '60

HISTORY, MODERN—TEXTBOOKS

"Current history." Part 2 (1939-1959). Reviewed by E.Bogush, I.Lunev. Kommunist 37 no.11·123-125 Jl '60

HITTITES

On the question of the location of the Hittite territories Pala and Tumanna. G.G.Giorgadze. Vest drev.ist. no.1 74-84 '60.

HO, CHI MINH, 1894?-

On the seventieth birthday of Ho Chi Minh. Nov.vrem. 18 no.21·19 My '60.

HO, CHI MINH, 1894?- —BIBLIOGRAPHY see Bibliography—Ho, Chi Minh, 1894?-

HOCKEY

Hockey at the Olympic games. V.V.Frolov. Teor.i prak. fiz.kul't. 23 no.2,99-102 '60.

HOFMANN, JOSEF, 1876-

Speaking of pianists. .A.Chasins. Sov muz. 24 no.3 103-114 Mr '60

HOISTING MACHINERY

(see also subdivision under Kuznetsk Basin, Leningrad)

All-purpose set of implements for mechanical assembling operations. Rats.i izobr.predl.v stroi. no.13 88-96 '59.

Burmistrov, P.I., K E.Ivanovskii, and G.M.Nikolaevskii. [Hoisting and conveying equipment] Pod"emno-transportnoe mashinostroenie. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 91 p. (Sovetskoe mashinostroenie v 1959-1965 gg.)

Climbing press. T.Konyshova. IUn.tekh. 4 no.3;28-29 Mr '60.

Equipment for fully prefabricated housing construction. G.Svistunov, K.Bezrukov. Arkhit.i stroi.Mosk. 8 no.7·22-25 Jl '59.

"Hoisting and conveying machinery" by A A.Vainson. Reviewed by G G Zelichenok Mekh stroi 17 no 6 30-31 Je '60

Machine with a hinged hoist for assembling operations in constructing electric railroads. G P Tarakanov. Transp stroi. 10 no.3 20-21 Mr '60.

Portable electric lifting table A A.Bol'shakov Mashinostroitel' no 4 37 Ap '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.izd-vo lit-ry po stroit , arkhit.i stroit. materialam.
Sbornik 24. [Hoisting operations] Takelazhnye raboty. 1960. 47 p.

Shortcomings in the design of building hoists. I.G. Macheret. Bezop.truda v prom. 4 no.3;12 '60.

Spiral hoists. Rats.i izobr.predl.v stroi. no.13·36-39 '59.

Without scaffold. I.Dobrynin. Izobr.i rats. no.4:33 Ap '60.

HOISTING MACHINERY—TECHNOLOGICAL INNOVATIONS

Mechanizing the hoisting and conveying of heavy parts and units D.V.Kazmenko. Mashinostroitel' no 4 10-13 Ap '60.

HOLIDAYS

(see also subdivision under Daghestan)

What are patron saints' days costing us? S.IA.Kil'miashkin. Nauka i rel. no.2:76-77 O '59.

HOLLOW BRICKS

Making ceramic bricks and ceramic-brick panels. P.M. Rudenko, S.A.Dikova. Stroi.mat. 6 no.4:10-12 Ap '60.

Using the SM-301 press in making hollow bricks with eight cavities. Rats.i izobr.predl.v stroi. no.13·62-63 '59.

HOLLOW BRICKS—TESTING

Analyzing strength and deformability of thin-walled elements [with summary in English, p. 66]. I.O.Rokhlin, I.A.Lukashenko. Visnyk ABiA URSR no.1;24-29 '60.

HOLOVKO, ANDRII VASYL'OVYCH, 1897-

Andrii Holovko O Kylymnyk Sots.kul't. 11 no.3·25 Mr '58.

HOLTZHEY, MARTIN, 1697-1764

An unissued medal by Martin Holtzhey with Armenian inscriptions. I.Spasskii. Soob.Gos.Erm. no.16:59-61 '59.

Care of our little ones. E.Maleeva, N.Borisova. Sem'ia i shkola 15 no.2:18-19 F '60.

Class adviser visits a family. I.Poterin. Sem'ia i shkola 15 no.2:4-5 F '60.

The dairy in grades 1 and 2. T.A.Motril. Nach.shkola 28 no.2:64 F '60.

Discussing the draft of the new regulations on parents' committees in schools. P.Sokolov and others. Sem'ia i shkola 15 no.2 12-13 F '60.

Fundamental trends in working with parents of grades 1-4 students. K.Z.Asaturova. Nach.shkola 28 no.3 71-76 Mr '60

How we unite the parents. I. Mineev. Sem'ia i shkola 15 no.3:13 Mr '60.

We need a committee on technical education. S.Shakhov. Sem'ia i shkola 15 no.3:13-14 Mr '60

Work of technical school teachers with parents. V V. Il'ina. Sred.spets.obr. 7 no.3 46 Mr '60.

HOME AND SCHOOL—PERIODICALS

Meeting our readers. Sem'ia i shkola 15 no.3:32 Mr '60.

HOME ECONOMICS

Advice to housewives. Belarus' 17 no.3:29 Mr '60. .

Course in domestic economy. V.A Khlebovskii. Shkola i proizv. 4 no.3:28-29 Mr '60.

Home economics corner. Prom.koop. 14 no.4:40 Ap '60.

Remarks on a schedule for an elective course in home economics. E.A.Voloshchenko Shkola i proizv. 4 no.3:29-32 Mr '60

Useful advice. Rab.i sial. 36 no.2:24 F '60.

Useful advice. Znan.ta pratsia no.3:32 Mr '60.

HOME ECONOMICS—STUDY AND TEACHING see subdivision under Lithuania

HOME EDUCATION see Correspondence schools and courses

HOME NURSING

Care for the seriously ill. A.Konoplenko, M. Tubman. Sov.kras.krest 10 no.1:28-29 Ja-F '60.

"Home care of patients with diseases of the internal organs" by L.K.Movchanova, E.A.Usherova. Reviewed by L. Zabolotskaia. Sov.kras.krest 10 no.1:32 Ja-F '60.

HOMONYMS

Different types of homonyms and methods of their rendition through machine translation. S.S.Belokrinitskaia and others. Vop.iaz. 9 no 2:97-101 Mr-Ap '60.

HONCHAR, OLEKSANDR TERENTIIOVYCH, 1918-

Pavliuk, M.T. [The people in Oles Honchar's work] Narod u tvorchosti Olesia Honchara. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 12)

HONEY PLANTS

Kovalev, A.M. [Honey-bearing plants and the development of bee culture in the central districts of the U.S.S.R.] Medonosnye resursy i razvitie pchelovodstva v tsentral'nykh raionakh SSSR. Moskva, Gos. izd-vo selkhoz.lit-ry, 1959. 306 p.
(DA)

HONTHORST, GERARD VAN, 1590-1656

A painting known as "The young woman at her vanity table" and ascribed to G. Honthorst. I. Linnik Soob. Gos.Erm. no.16:34-36 '59.

HOOREN, ISAAK JACOBSZ VAN, d.1649

Portrait works by Isaak Jacobsz van Hooren. I Linnik. Soob.Gos.Erm. no.15:27-28 '59.

HORNICH, JOHANN

Lectures of an Austrian mathematician. Kul't.i zhizn' 4 no.3:53 '60.

HORSEMANSHIP

Horsemanship. N.A.Roge, V.V.Kryzhitskii. Teor i prak fiz.kul' 23 no 6 454-456 '60

HORSES

Budennyi, S.M., comp. [Book about the horse; the anatomy and physiological characteristics of the horse] Kniga o loshadi; anatomiia i fiziologicheskie osobennosti loshadi. Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.5. 1960. 350 p.

HORSES—ANATOMY

Changes in the skeleton of herd horses during the postembryonic period. N.A.Bulnovskii. Trudy Inst.morf zhiv. no.31:170-174 '60.

HORSES, FOSSIL see subdivision under Alkhalkalaki

HOSE

Hose for siphoning liquids. Spirt.prom. 26 no.2:39-40 '60.

HOSE COUPLINGS

Simple designs of hose couplings. M.Pribyl'skii. Stroitel' no.3 26 Mr '60.

HOSPITALS—OUTPATIENT SERVICES

Organization of treatment for trauma patients following discharge from the hospital. N.F.Mitrofanova. Trudy Len.gos.nauch.-issl.inst.travm.i ortop. no 7:324-329 '58.

HOSPITALS, RURAL see subdivision under Uzbekistan

HOT SPRINGS see Springs

HOT-WATER HEATING

Additional-feeding substation for transit lines of heating system. N.F.Nesterovich. Izv.vys.ucheb.zav.; stroi. i arkhit. no.11/12:195-200 '59.

Closing sections of standpipes in single-pipe heating systems. M.IA Genin Vod i san tekh no 3 28 -? Mr '60

Horizontal continuously operating hot-water heating system designed by V M Anisimov Rats i izobr. predl v stroi no 14 88-90 '60.

HOT-WATER SUPPLY

Putnik, N.P. [Underground heat; utilization of thermal waters] Podzemnoe teplo, ispol'zovanie terminal'nykh vod Moskva, 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 4, Nauka i tekhnika, no. 13)

HOTELS, TAVERNS, ETC.—MANAGEMENT

Improving the management of hotels. Zhil.-kom.khoz. 10 no.3:1 '60.

HOUSING AND PHYSICALLY HANDICAPPED see subdivision under Ulan-Ude

HOURS OF LABOR

(see also subdivision under Batum Europe, Eastern; Stalino Province)

At the expense of the internal reserves.. A. Churakov, I Khachaturov Sov.profsoiuzy 16 no.10:28-30 My '60

Begin a new way of living and working. M. Fomin, I.Kanana, K. Marunich. Sov profsoiuzy 16 no.10:33-36 My '60.

Consider the characteristics of agricultural labor. K.Nakiuk and others. Sots.trud 4 no.12:35-36 D '59.

Courses for presidents of petroleum refinery committees. I.Senchenko. Neftianik 5 no.5:31 My '60.

Economic conferences in the Frunze District of Moscow. A.Maslennikova. Vop ekon. no.6:133-135 Je '60.

Everything for the people, everything for man A Pol'shchikov. Part zhizn' no 12 66-72 Je '60

Five-day week becomes a reality.... L.Kolobov. Okhr. truda i sots.strakh 3 no.4 42-44 Ap '60.

Introducing the seven-hour working day at grain milling enterprises. A.Bulatov. Muk.-elev.prom. 26 no.1: 13 Ja '60.

Let's fulfill the seven-year plan ahead of time. S.A.Kalinin. Poligr.proizv. no.2:17-18 F '60.

Let's have the seven-hour day! N.Shustov. Agitator no.7:49 Ap '60.

Mining operating procedure and labor productivity. N.Novoselov. Sots.trud 4 no.12:123-124 D '59.

The Moscow post office is operating on a 7-hour workday. G N.Smirnov Vest sviazi 20 no.3 23-25 Mr '60

New wage scales in chemical plants. IU.Vinogradov, G.Tatarian. Biul nauch.inform trud i zar.plata no.10:14-20 '59.

On the shift to a shortened workday. Sov.profsoiuzy 16 no.11:50-52 Je '60.

Our experience in transferring to a seven-hour workday. V.Gorshkov. Sov.profsoiuzy 16 no.8:40-42 Ap '60.

Practice of the transition to a shorter workday and regulation of wages at the Ust'-Kamenogorsk Lead-Zinc Combine. K.Akhmetov, I.Poleshkin. Biul. nauch.inform.:trud i zar.plata 3 no.6:41-44 '60.

Reduction of working hours in the U S S R A Maksimov Kommunist 37 no 10 63-71 Jl '60

Relying on the creative activity of the workers. B. Pipkovich. Sov profsoiuzy 16 no.12:23-26 Je '60.

Results of the transfer to a shorter working day and new wages. E.Kapustin. Biul.nauch.inform.: trud i zar. plata no 10:3-6 '59.

Seven-hour workday. V. Mishinkin. Grazhd.av. 17 no.2: 4-5 F '60.

Shortening the workday and improving the wage system Stek i ker 17 no 6:1-4 Je '60.

The state benefits, so does labor. T. Koval', T. Luchko. Sov.profsoiuzy 16 no.10 31-33 My '60.

Tasks of State Bank enterprises in connection with the transition to a seven-hour working day. S. Pleshakov. Den.i kred. 18 no.6:9-15 Je '60.

Time needed for the transition to a shorter work day and the regulation of wages of workers and employees. Otv. na vop.trud. no.109:30-34 '59.

To fresh air, to the forest, to the river! Sov.profsoiuzy 16 no.10 55-56 My '60

Toward the shortest workday in the world. Fin.SSSR 21 no.6:3-8 Je '60.

Transfer to a new wage system and a shorter workday. I.Baltrushevich, T.Shatova. Biul.nauch.inform.: trud i zar.plata no.10:31-39 '59.

21 no.6:22-25 Je '60.

Transition to the seven-hour working day. L. Mordasova, G.Remizovich, A.Novitskii. Sov.torg. 33 no.3:26-30 Mr '60.

Transition to a seven-hour working day requires serious preparation I Zaidenshtein Avt transp 38 no 3 30-34 Mr '60.

Under the new conditions. V.Shpagin. Sov.profsoiuzy 16 no.12:27-28 Je '60.

Under the conditions of a 7-hour workday. D G Aksel'rod. Vest sviazi 20 no 3 25-26 Mr '60

Under the conditions of a shorter workday. Sots.trud 5 no.3 96-103 Mr '60.

Utilization of production potentialities in the transfer to a seven-hour workday. I.Shatalov, A.Kniazev, M.IAkovlev Sots.trud 4 no 12:110-111 D '59.

Utilization of work time in coal mines. A. Minevich. Sots. trud 5 no.1:53-58 Ja '60.

We are changing to a shorter workday and to a new wage system. E.Lopatin. Zhil.-kom.khoz. 10 no.3:18-19 '60.

Work of trade union organizations in preparing enterprises for the transition to a shorter workday. N G. Tertyshnikov. Razved.i okh.nedr 25 no.12:16-47 D '59.

HOUSE FURNISHINGS see subdivision under Alma-Ata

HOUSE PAINTING

Finishing operations in housing construction. Stroitel' no.3:15-19 Mr '60.

Improve the quality of finishing operations to meet modern demands. G.IAvorskii. Stroi.i arkhit 8 no 6:27-28 Je '60.

HOUSE PAINTING—EQUIPMENT AND SUPPLIES

Device for painting patterns with rollers. A. Ionov Stroitel' no 3:26 Mr '60

HOUSE PLANTS

Wax plant. T.G.Klazimova. Priroda no.6:106 Je '60.

HOUSEBOATS see subdivision under Vienna

HOUSEHOLD APPLIANCES, ELECTRIC

More household helpers. G.Ivanov. Tekh.mol. 28 no.2:12-13 '60.

Moskovskoe raionnoe upravlenie energeticheskogo khoziaistva, Moscow. [What must be known about using electric power in the household] Chto nado znat' o pol'zovanii elektroenergiei v bytu. Moskva, Gos. energ.izd-vo, 1959. 94 p.

Stages of regulation for the power and temperature of electric heating appliances. A.N.Vyshelesskii, D.A. Shur. Prom.energ. 15 no.4:28-31 Ap '60.

HOUSING

(see also subdivision under Kazakhstan; Moscow)

Housing in the near future. A.Ovchinnikov. Tekh.mol. 28 no.2:37-39 '60.

Millions of Soviet people get new dwellings Agitator no 11:14-15 Je '60

Significance of the number of stories of apartment houses for the municipal economy. E.IA.Vel'fenzon. Probl.Sov.gradostroi. no.8:105-116 '60.

HOUSING FOR PHYSICALLY HANDICAPPED

(see also subdivision under Iskrynnoye District)

Editor's mail. Sots.obesp. 21 no.2:62-63 F '60.

Problems raised by life. N.Karaseva. Sots.obesp. 21 no.2:39-41 F '60.

HOUSING RESEARCH

Institute of Housing Construction. L. N. Kiselevich Izv ASiA no 3:164-165 '59.

HRDLICKA, ALES, 1870-1943

Ales Hrdlicka; on the ninetieth anniversary of his birth. M.I.Uryson. Vop.antr. no.1:130-132 '60

HRYTSAI, OSTAP, 1881-1954

Wynar, Lubomyr. [Ostap Hrytsai; his life and works] Ostap Hrytsai; zhyttia i tvorchist'. Klivlend, Nakladom Ukrains'koi akad.hormandy "Zarevo," 1960. 92 p.

HUCULS

"The Huculs," an ethnographical study by S. M. Kovaliv. Prepared for publication and supplied with an introductory article by V. M. Lesyn. Nar.tvorch.ta etn. 3 no.4:118-124 O-D '59.

HUDSON BAY REGION—MUSK OX

In the far away Hudson Land. John Glaever. Vokrug sveta no.3:50-51 Mr '60.

HULLS (NAVAL ARCHITECTURE)

Considering cushion rigidity in determining the frequency of free vibrations in large tonnage heavy boat hulls. A.F.Panshin. Trudy TSNIIRF no.40:69-74 '59.

Datum-rib deformation according to given changes in the position of the abscissa. A N.Boguslavskii. Trudy TSNIIRF no.40:75-78 '59.

Meshcheriakov, V.V. [Hull fitting shops of a shipbuilding enterprise] Korpusnye tsekhi sudostroitel'nykh predpriiatii. Leningrad, Gos.soiuznoe izd-vo sudostroit. promyshl., 1960. 259 p.

HULS (GERMANY, WEST) – [illegible]
Production of polyethylene [illegible] in Huls (Chemische Werke Huls) [illegible] Nauch. [illegible] 12 no. 6: 63-64 Je '60.

HULUN NOR, LAKE – [illegible]
[illegible] lake [illegible] 333-337 [illegible]

HULUN NOR, LAKE – [illegible]
[illegible]

HUMAN RELATIONS see [illegible]

HUMBOLDT, ALEXANDER, [illegible]
[illegible]

[illegible]

[illegible]
[illegible]

HUMIDITY
[illegible]

HUMUS
(see also [illegible])
[illegible]

[illegible]

HUNGARIAN LANGUAGE – [illegible]
[illegible]

HUNGARIAN LITERATURE – [illegible]
[illegible]

HUNGARY – [illegible]
[illegible]

HUNGARY – [illegible]
[illegible]

HUNGARY – [illegible]
[illegible]

HUNGARY – [illegible]
[illegible]

HUNGARY – ELECTRIC APPARATUS AND APPLIANCES
[illegible]

HUNGARY – ELECTRIC CABLES
[illegible]

HUNGARY – ELECTRIC ENGINEERING
[illegible]

HUNGARY – ELECTRIC TRANSFORMERS
[illegible] public [illegible] Nauka i zhyttia 10 no. 6:60 Je '60.

HUNGARY – FACTORY LIBRARIES
[illegible]

HUNGARY – HISTORY
[illegible] years of the people's Hungary. [illegible]
[illegible] (Struggle [illegible] in Hungary at [illegible] of the 20th century) [illegible] 410 p.

HUNGARY – [illegible]
[illegible]

HUNGARY – NUCLEAR PHYSICS EXHIBITIONS
[illegible] experimental [illegible]

HUNGARY – PAPER INDUSTRY
[illegible] Hungarian People's [illegible]

HUNGARY – RAILROADS – EQUIPMENT AND SUPPLIES
[illegible]

HUNGARY – [illegible]
Refract[illegible] in the Hungarian People's Republic. [illegible] no. 4:89 [illegible]

HUNGARY – [illegible]
[illegible]

HUNGARY – [illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

HYDRATION
[illegible]

HYDRAULIC CONTROL
[illegible]

HYDRAULIC ENGINEERING
(see also subdivision under Vakhsh Valley)
Apparatus for measuring [illegible] of structures. [illegible] Nauch. zap. MIIVKH 20: [illegible] '58.
[illegible] hydraulic engineers. [illegible]
[illegible]
[illegible] Moskva, [illegible] 1958. [illegible] p.

Hydraulics of screens in water intakes. A. I. Chistorazov. Nauch. zap. MIIVKH 20:100-131 '58.

Institute of Water Supply, Sewer System, Hydrotechnical [illegible] and Hydrogeological Engineering. A. A. [illegible] no. 2:[illegible] '59.

Methods of building irrigation structures on a sagging ground. A. I. Rabinshtein. Nauch. zap. MIIVKH 20: 283-288 '58.

A new textbook of land reclamation for workers in the organization of land use ("Practical work in land reclamation and rural water supply" by A. IA. Kabalugin, [illegible]). [illegible]

[illegible] distribution of sand and gravelly sand particles in hydraulic fill construction. V. A. Mel'nat'ev. Izv. VNIIG 64:[illegible] '60.

Underwater hydraulic fill construction of seepage [illegible] V. N. Prosk[illegible] Izv. VNIIG 64:[illegible] '60.

HYDRAULIC ENGINEERING – LOW TEMPERATURE CONDITIONS
[illegible] in [illegible] of hydraulic mechanization of earthwork in winter. V. A. Mel'nat'ev, K. I. [illegible] Izv. VNIIG 60:[illegible] '59.

HYDRAULIC ENGINEERING – RESEARCH
(see also subdivision under Bergamo)
[illegible] effects on [illegible] saturated with water. [illegible] Izv. VNIIG [illegible] '59.
[illegible] of [illegible] new techniques in research [illegible] no. 3/4:[illegible] '60.

HYDRAULIC JACKS
[illegible] P. [illegible] V. Kosmin[illegible] [illegible] '60.

HYDRAULIC JACKS – TESTING
[illegible] for testing hydraulic jacks. A. Mitrone[illegible] Avt. [illegible] '60.

HYDRAULIC MACHINERY
[illegible] of the flow in the [illegible] section of a hydraulic [illegible] with [illegible] blades. A. IA. Kochnarov. Trudy LPI no. 196:[illegible] '58.
[illegible] pertaining to the calculation of a jet [illegible] A. N. Lapi[illegible] Trudy LPI no. 196:[illegible] '58.
[illegible] investigating the hydraulic giant jet by [illegible]

HYDRAULIC MINING
(see also subdivision under Kuznetsk Basin)
[illegible] use of hydraulic machinery in removing [illegible] [illegible] no. 1:22 [illegible] '60.
[illegible] of [illegible] and methods for [illegible] V. P. Morgunov. Ugol' Ukr. 4 no. 1:[illegible] '60.
[illegible] hydraulic haulage. N. Ignatov. [illegible] '60.
[illegible] of [illegible] equipment at the [illegible] M. A. Zhelinovskii. Ugol' 35 no. 3:[illegible] '60.

HYDRAULIC MINING – EQUIPMENT AND SUPPLIES
[Hydraulic mining equipment; catalog and handbook on mining equipment] [illegible] [Mo[illegible]] 1960. 16 p.

HYDRAULIC MODELS
Model studies of estuaries of Arctic rivers. N. P. [illegible] V. V. Ivanov. Probl. Arkt. i Antarkt. no. 2 [illegible] '60.
[illegible] of the [illegible] of a hydrodynamic [illegible] A. [illegible] Izv. VNIIG 61:[illegible] '59.
Model studies on [illegible] of the Aral Sea. V. P. [illegible] Nauch. zap. MIIVKH 20:321-329 '58.
Technique of the production of models of hydraulic structures from organic glass (plexiglas). I. I. Kovalenko. Nauch. zap. MIIVKH 20:310-312 '58.

HYDRAULIC PRESSES
[illegible] for hydraulic gluing presses. [illegible] no. 3:[illegible] '60.
[illegible] hydraulic press. M. N. Popikov. Mashino[illegible] no. 3:[illegible] '60.
Hydraulic press for assembling the axle housing of the [illegible] Mashinostroitel' no. 3:10 [illegible] '60.
[illegible] press for [illegible] packed soil samples. V. I. Shtap[illegible] Avt. dor. 23 no. 6:[illegible] Je '60.
The P-803 and PA-803 hydraulic presses with 40-ton capacity. D. IA. Fikhman. Biul. tekh.-ekon. inform. no. 3: [illegible] '60.
[illegible] control of hydraulic presses. M. G. Arutiunian, [illegible] Mekh. i avtom. proizv. 14 no. 3:[illegible] '60.

HYDRAULIC STRUCTURES

Senkevich, A. A. [Using prestressed construction elements in building hydraulic structures, dams, sluices, pavements, linings, et cetera] Primenenie predvaritel'nogo napriazheniia v konstruktsiiakh gidrotekhnicheskikh sooruzhenii, plotiny, shliuzy, pokrytiia poverkhnostei i dr. Pod obshchei red. P. I. Vasilenko Moskva, Gos. energ. izd-vo (Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Ser. 4. Gidroelektrostantsii. Gidrotekhnicheskie sooruzheniia. Konstruktsii i materialy)
Pt. 2. 1960. 40 p.

HYDRAULIC TRANSMISSION see Oil hydraulic machinery

HYDRAULIC TURBINES

(see also subdivision under Leningrad)

Arrangement of diversion piezometers in using the spiral case of a hydraulic turbine as a water meter. Nauch zap. MIIVKH 20:313-316 '58.

Calculating the frequency of natural oscillations of runners of Francis turbines. A. IA. Aronson. Energomashinostroenie 6 no 3 8-12 Mr '60

Calculating the interaction of the lattices of the runner and the directing apparatus in axial-flow hydraulic machines. V. G. Staritskii. Trudy LPI no. 187:27-35 '56.

Checking the quality of the soldered heads of stator poles in hydraulic turbines and turbogenerators. L. M. IAblonik. Vest. elektroprom. 31 no. 3·72-74 Mr '60.

Heads used by hydraulic turbines in consolidated hydroelectric power stations. P. E. Tkachenko. Nauch. zap. MIIVKH 20:78-108 '58.

Investigating the operation of an integrated hydroturbine unit when the overflow is directed through the elbow of the draft tube. Trudy LPI no 187,44-53 '56.

Investigating the relation between the pressure drop in the scroll case and the discharge of water flowing through the turbine. I A Cherniatin Izv. VNIIG 61: 60-71 '58.

HYDRAULICS

(see also subdivision under Sukuluk River)

Automation and remote control in irrigation systems and transient processes in canals. I. B. Chizh. Trudy SANIIRI no. 95:43-57 '56.

Bottom baffles in the control of stray currents. S. N. Koriukin. Nauch. zap. MIIVKH 20:233-244 '58

Calculating normal linear rates for cross sections of trapezoidal channels. G. A. Dzhimsheli. Gidr. stroi. 29 no. 3:43-44 Mr '60.

Determining losses of head due to the "passage" in calculating the discharge capacity of a tubular water outlet. L. A. Mashkovich. Trudy SANIIRI no. 97,17-22 '59.

Effect of a by-pass on operation of a leveling tank. N.A. Palishkin. Izv. vys. ucheb. zav., energ. 3 no. 3 133-138 Ap '60.

Effect of the angle of offtake on the movement of bottom sediments and floating bodies into the diversion canal in case of a damless water intake. S. A. Bryzgalov. Gidr. i mel. 12 no. 2:39-49 F '60.

Effect of the macroroughness of the channel on its hydraulic resistances. V. S. Knoroz. Izv. VNIIG 62,75-96 '59.

Flow of a uniformly eddying ideal liquid with imposed circulation past a cylinder near the wall N. L. Granat. Izv. VNIIG 62·137-146 '59.

Formulation and investigation of problems of the stability of displacement of separating boundaries between liquids in an inhomogenous percolating flow. V. P. Pilatovskii. Nauch. zap. MIIVKH 20:330-352 '58.

Hydraulic resistances during uniform motion of liquids in open channels. E. E. Ovcharov. Nauch. zap. MIIVKH 20:180-197 '58.

Importance of the asynchronous flow of rivers for the organization of combined power systems. A. Sh. Reznikovskii. Gidr. stroi. 29 no. 3:41-43 Mr '60

Investigating the interaction of joining streams of liquid with a possibility of bilateral enlargement in the vertical plane. M. E. Faktorovich. Izv. VNIIG 61·17-30 '58.

Kinematics of turbulent streams carrying suspended matter. M. A. Dement'ev. Izv. VNIIG 62:41-55 '59.

Nonuniform steady gradually varied flow of liquid in open prismatic channels. R. R. Chugaev. Izv. VNIIG 61. 86-107 '58.

Possibility of using thermistors for measuring the speed of water flow. S. Karpukhov. Biul. SNO LGU no. 1: 82-84 '58.

Pressure pulsation during the conjugate state of head and tail water and its relation with velocity pulsation. D. I. Kumin. Izv. VNIIG 62:57-73 '59.

Problem of the movement of viscous plastic dispersion systems between two planes forming an acute angle. A. Kh. Kim. Sbor nauch. trud. Bel. politekh. inst. no 76: 85-97 '59.

Solution of the problem of heat exchange between a transit stream and a vortex in cooling ponds. A. V. Bezyzvestnykh. Trudy GGI no. 72:61-69 '59.

Some results of a hydraulic model study of the power center of a hydroelectric power station. M. B. Seliametov. Trudy SANIIRI no. 97:27-42 '59.

rate in open channels of a set form. V. B. Dul'nev Izv. VNIIG 62 111-123 '59

Submerged water discharge through a pressure pipe under the embankment E. A. Chugaeva. Trudy LIIZHT no. 165· 82-89 '59.

The theory of bottom currents in reservoirs. I. I. Levi. Izv. VNIIG 62 3-17 '59.

Union of turbulent and calm streams in suddenly enlarging channels. V. F. Khodakov. Nauch. zap. MIIVKH 20: 198-214 '58.

HYDRAULICS—TABLES, CALCULATIONS, ETC–

Table of determining the specific energy of the cross section of a trapezoidal channel. L. A. Mashkovich Trudy SANIIRI no. 97:23-25 '59.

Using calculating machines in computing the non-uniform flow in tailraces of hydroelectric power stations. V. I Obrezkov. Gidr. stroi. 29 no. 3:32-36 Mr '60.

HYDRAZIDES

Substituted hydrazides of hydroxycarboxylic acids Part 3 Monoacyl derivatives of aryl hydrazides of diaryl- and dialkylglycolic acids I S Berdinskii Zhur ob khim 30 no 6 2030-2032 Je '60

HYDRAZONES

Synthesis of indole derivatives from arylhydrazones (E. Fisher's reaction). N. N. Suvorov, V. P. Mamaev, V. M. Rodionov. Reakts. org. soed. 9 7-154 '59.

HYDROCARBONS

Addition of lithium dialkyl phosphides to vinylacetylenic hydrocarbons A. A. Petrov, V A. Kormer Dokl AN SSSR 132 no 5 1095-1098 Je '60

Alkoxysilanes Part 15 Cleavage of hexaalkyldisiloxanes by phenols. New method of synthesizing trialkylsiloxy derivatives of aromatic hydrocarbons M G Voronkov, Z I Shabarova. Zhur ob khim. 30 no 6 1955-1958 Je '60

Catalytic conversions of heptamethylene hydrocarbons under conditions of dehydrogenation catalysis S. I. Khromov, E S Balenkova, B. A. Kazanskii Vest Mosk. un Ser 2 Khim 15 no. 2 36-46 Mr-Ap '60.

Catalytic cycloalkylation of aromatic hydrocarbons by cyclohexene [In Azerbaijani with summary in Russian]. S. D. Mekhtiev, T. A. Pashaev. Azerb. khim. zhur. no. 2: 39-47 '59.

Content of water absorbed by hydrocarbon fuels as determined by the difference of fuel and air temperatures. B. A. Englin, V. M. Tugolukov. Khim i tekh. topl. i masel 5 no 3·45-49 Mr '60

Cyanoethylation of polycyclic hydrocarbons A. E Kretov, A E Okhramovich Zhur. prikl khim. 33 no. 3. 744-746 Mr '60.

Determination of the rate constants for elemental reactions between hydrogen atoms and hydrocarbons N I Gorban', A. B Nalbandian. Dokl AN SSSR 132 no. 6· 1335-1338 Je '60

Dimer products of the autoxidation of unsaturated hydrocarbons. B. V. Eraffeu, A. I. Chyrko. Vestsi AN BSSR. Ser. fiz.-tekh. nav no. 1:51-56 '60.

Effect of free fatty acids, of excess alkali and alkali electrolytes on the solubilization of hydrocarbons in soap solutions. P. A. Demchenko. Masl.-zhir. prom. 26 no. 6 27-29 Je '60.

High temperature conversion of individual hydrocarbons and their mixtures. V. P. Semenov, IA. S. Kazarnovskii. Gaz. prom. 5 no. 3 33-40 Mr '60.

Hydroaromatic hydrocarbons of the 140-175°C fraction of the petroleum in the Kirmaki series of the Buzovny field. B. F. Pishnamazzade and others. Azerb. khim. zhur. no. 1:53-64 '59.

Hydrocarbons of the tetralin series in the kerosine fraction of petroleum from the Romashkino field. L. A. Mukhamedova, M. Kh. Baiburova. Khim. i tekh. topl. i masel 5 no. 3:5-8 Mr '60.

Low temperature catalytic cracking of solid hydrocarbons. N. I. Chernozhukov, L. M. Rogacheva. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2,99-106 '60.

Negative volume in mixtures of methane with different hydrocarbons. A. S. Velikovskii, G. S. Stepanova. Gaz prom. 5 no. 6:6-11 Je '60.

Production of polystyrene foam with the use of low-boiling saturated hydrocarbons. V. M. Nepyshnevskii, G. M. Sinaiskii. Khim. prom. no. 8 672-674 D '59.

Progress in the field of chlorination of saturated hydrocarbons. Z. S. Smolian, P. S. Pyrialova, N. A. Kurdiumova. Usp. khim. 29 no. 1·23-54 Ja '60.

Using hydrogenation methods for determining the hydrocarbon group composition of petroleum products containing unsaturated compounds [in Azerbaijani with summary in Russian]. M. F. Nagiev, B. G. Abbasova, V. G. Kulieva. Azerb. khim. zhur. no. 2:17-27 '59.

Viscosity of hydrocarbons at low temperatures. P. I. Sanin and others. Khim. i tekh. topl. i masel 5 no. 2 11-19 F '60.

Ways of increasing the energy content of hydrocarbon fuels. IA. B. Chertkov Khim. i tekh. topl. i masel 5 no. 4:1-4 Ap '60.

HYDROCHLORIC ACID

Hydrochloric acid by a synthetic method. R. Antonovskaia. IUn. tekh. 4 no. 2·76-78 F '60.

HYDROCYANIC ACID

Synthesis of radioactive prussic acid. V. I. Maimind and others. Khim. i med. no. 11·45-52 '59.

HYDRODYNAMICS

Certain defining improvements in the theory of the expansion of submerged jets. N. N. Kremenetskii. Nauch. zap. MIIVKH 20:174-179 '58.

Criterion equations of the flow of viscoplastic meat products in transportation tubes N. E Fedorov and others. Izv vys. ucheb. zav, pishch. tekh no. 1 117-121 '60

Criterional values characteristic of the hydrodynamics of the flow between the plates of a separator E. M Gol'din Izv. vys ucheb zav., pishch tekh no. 1 104-111 '60

Effect of form and position of streamlined units on the coefficient of resistance of butterfly gates with flat disks B. I. IAn'shin. Energomashinostroenie 6 no. 3 27-30 Mr '60.

Hydraulic resistance in the flow of fluids. V. N. Evreinov. Trudy LIIZHT no. 165.64-81 '59.

Kinematics of circulating motion of Liquids. Ch'a Meng-hsik. Nauch. zap. MIIVKH 20·46-50 '58.

One partial differential equation of the fourth order to which the plane problem of flow in Oseen's linearization of the Navier-Stokes system of equations is reduced. O. I. Panich. Nauch. dokl. vys. shkoly, fiz.-mat. nauki no. 3:57-63 '59.

Special case of measuring static pressure in the stationary flow of a liquid by electric methods. E. V Gutovskii. Trudy LPI no. 187:36-43 '56.

HYDROELECTRIC POWER see subdivision under Danube Valley

HYDROELECTRIC POWER STATIONS

(see also subdivision under Chirchik Valley; East Kazakhstan Province, Minlong Range; Rio Colorado, Argentina; Saratov; also Bratsk Hydroelectric Power Station, Bukhtarminsk Hydroelectric Power Station; Kremenchung Hydroelectric Power Station, Landzhanuri Hydroelectric Power Station; Rybinsk Hydroelectric Power Station)

Determining the diameter of the steel turbine pipe for a hydroelectric power plant. IU. S. Vasiliev. Izv. vys. ucheb. zav., energ. 3 no. 5:161-163 My '60.

Dynamic characteristics of a hydraulic unit and their simulation. T. L. Zolotarev and others. Izv. vys. ucheb. zav ; energ. 3 no. 5:144-151 My '60.

A hydroelectric power station finished in a half an hour. N Petrov. Smena 37 no. 8 31 Ap '60.

Importance of the asynchronous flow of rivers for the organization of combined power systems. A. Sh. Reznikovskii. Gidr. stroi. 29 no. 3:41-43 Mr '60.

Indicator of the construction effectiveness of a water reservoir with seasonal adjustment for the determination of the guaranteed operating conditions of a hydroelectric power plant in the system. Fei Sian-tsiun'. Izv. vys. ucheb. zav. ; energ. 3 no. 6:154-162 Je '60.

Long-range streamflow regulation in case of parallelly working hydroelectric power stations. N. A. Kartvelishvili. Izv. VNIIG 61·181-190 '58.

Maintaining a yearly regulation regimen in power systems with several hydroelectric power stations. L. S. Beliaev. Izv. VNIIG 61:108-132 '58.

Open and semiopen hydroelectric power stations abroad. M. I. Tokar', V. S. Veprintsev. Energokhoz. za rub. no. 2·1-13 Mr-Ap '60.

The regimen of reservoir exploitation in a cascade of hydroelectric power stations. S. V. Shakhverdian. Izv. VNIIG 62:125-136 '59.

Safarov, E. V. [Hydroelectric power stations (descriptive course)] Gidroelektricheskie stantsii, opisatel'nyi kurs. Metodicheskoe posobie. Erevan, Erevanskii politekhn. in-t im. K. Marksa, 1959. 162 p

Some problems in estimating costs of hydraulic structures. E. S. Dunaev. Gidr. stroi. 29 no. 3:16-23 Mr '60.

Taking the time factor into account in the comparison of various types of hydroelectric power plants. D. S. Shchavelev. Izv. vys. ucheb. zav., energ. 3 no. 5: 152-160 My '60.

HYDROELECTRIC POWER STATIONS—DESIGN AND CONSTRUCTION

Introducing greater efficiency in underground powerhouses of hydroelectric power stations. A. A. Bashkirov. Gidr. stroi. 29 no. 3:12-16 Mr '60.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

Special problems in designing trash racks. V. K. Komarov. Gidr. stroi. 29 no. 3:44-46 Mr '60.

HYDROFOILS see Planing hulls

HYDROGEN

Adsorption of hydrogen on Ni-ZnO catalysts. D. V. Sokol'skii, N. M. Popova. Trudy Inst. khim. nauk AN Kazakh. SSR 5:15-19 '59.

Chemisorption of hydrogen on aluminosilicates and aluminum and silicon oxides K. V. Topchieva. I. F. Moskovskaia Vest Mosk un Ser. 2: Khim. 15 no 2 22-27 Mr-Ap '60 [illegible] method of producing hydrogen. V. A. [illegible]

[illegible]

[illegible] N. I. [illegible] A. D. [illegible] Dokl. AN SSSR 13[illegible]

[illegible] composition of [illegible] hydrogen [illegible] G. P. [illegible] M. I. [illegible]

[illegible] of the hydrogen bond, and its effect on the [illegible] Dokl. AN SSSR [illegible]

[illegible] catalytic action of hydrogen and the [illegible] of the catalyst. [illegible] Dokl. AN SSSR [illegible]

[illegible] of hydrogen from helium. [illegible] N. M. [illegible] A. M. [illegible] Gaz. prom. 5 no.6: [illegible] Je '60.

HYDROGEN—ANALYSIS

[illegible] V. A. [illegible] 11 no.1 [illegible]

HYDROGEN ION CONCENTRATION

[illegible]

[illegible] A. I. [illegible] A. M. [illegible]

HYDROGEN PEROXIDE

[illegible] Dokl. AN [illegible]

HYDROGEN SULFIDE

[illegible] A. F. [illegible], V. I. [illegible]

HYDROGENATION

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] anniversary of the industrial hydrogenation of fats. [illegible] Masl.-zhir. prom. 26 [illegible] '60.

[illegible]

[illegible]

[illegible] AN Kazakh. [illegible]

[illegible] catalysts. [illegible] AN [illegible]

[illegible] hydrogenation, [illegible] A. M. Sokol'skii [illegible] Vest. AN Kazakh. SSR 16 no.3 [illegible]

[illegible] of phosphorus-[illegible] A. [illegible] Vest. AN Kazakh. SSR [illegible]

[illegible] I. F. [illegible] Trudy Vost.-Sib. fil. AN SSSR no.26: [illegible]

[illegible] of petroleum [illegible] catalysts. I. A. Makarov. Trudy Vost.-Sib. fil. AN SSSR no.26: [illegible]

[illegible] D. V. Sokol'skii, I. P. Dunina. Trudy Inst. khim. nauk AN Kazakh. SSR 5:105-109 '59.

Infrared spectroscopic investigation of the chemical mechanism governing the transformations of the high molecular fraction of [illegible] tar under conditions of destructive hydrogenation. Z. A. Okhl'adnikova, A. R. [illegible]ovich, N. I. Chergina. Trudy Vost.-Sib. fil. AN SSSR no.26:91-11 '59.

Kinetics and mechanism of hydrogenation of sunflower seed oil in solutions. L. I. Sokolova, D. V. Sokol'skii, I. A. Fel'tschev. Trudy Inst. khim. nauk AN Kazakh. SSR 5: [illegible]-49 '59.

Liquid-phase hydrogenation of petroleum residues in the presence of a suspended catalyst. I. A. Makarov. Trudy Vost.-Sib. fil. AN SSSR no.26:82-87 '59.

New methods of preparing industrial catalysts for the hydrogenation of fats. B. N. Tiutiunnikov, I. I. Novitskaia. Masl.-zhir. prom. 26 no.6:18-21 Je '60.

Physical and catalytic properties of molybdenum aluminosilicate catalysts. Report No. 1: Relationship between the preparation methods and the hydrogenating activity of molybdenum aluminosilicate catalysts. I. V. Kalechits and others. Trudy Vost.-Sib. fil. AN SSSR no.26: [illegible]

Physical and catalytic properties of molybdenum aluminosilicate catalysts. Report No. 4: Effect of the carrier composition on the hydrogenating activity of molybdenum aluminosilicate catalysts. I. V. Kalechits and others. Trudy Vost.-Sib. fil. AN SSSR no.26:11- [illegible] '59.

Potentiometric study of low-pressure hydrogenation on a [illegible] catalyst. A. I. [illegible], D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR 5: [illegible]

Preface. Trudy Vost.-Sib. fil. AN SSSR no.26:4 '59.

Problem of the quantitative determination of catalyst activity in the hydrogenation of fats. [illegible] Masl.-zhir. prom. 26 no.4: [illegible]-20 Ap '60.

Problems involved in the hydrogenation of fatty acids. M. G. [illegible], I. V. Porolo. Masl.-zhir. prom. 26 no.6:21-24 Je '60.

[illegible] hydrogenation of natural fats and their [illegible] high molecular weight fatty acids. [illegible] D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh. SSR 5: [illegible]-41 '59.

[illegible] conditions [illegible] hydrogenation. I. V. Kalechits [illegible] Trudy Vost.-Sib. fil. AN SSSR [illegible] '59.

HYDROGRAPHIC SURVEYING see subdivision under Arctic regions; Caspian Sea

HYDROGRAPHY see subdivision under Caspian Sea

HYDROLOGY

(see also subdivision under Angara River, Baku Bay, Caspian Sea, Don Valley, Kama River, Kara-Bogaz-Gol, [illegible], Kazakhstan, Khrami River, Sal Steppe, Ural Mountains, Volga Delta, Volga River, Volga Valley)

Investigating the movement of bed load by high speed [illegible]. [illegible] Mirtskhulava. Izv. AN SSSR. Ser. geofiz. no.6:879-881 Je '60.

[illegible] hydrological survey. V. [illegible] Trudy [illegible] '58.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—TABLES, CALCULATIONS, ETC.

Analytic algebraic methods of determining and reducing the parameters of distribution curves to a protracted observation period. G. A. Alekseev. Trudy GGI no.73:90-140 '60.

Use of the components of distribution curves in hydrological calculations. D. D. Kvasov, I. IA. Levin. Trudy GGI no.73:141-145 '60.

HYDROLYSIS

(see also subdivision under Krasnoyarsk, Tavda)

At the Permanent Commission for the chemical processing of vegetable materials by the hydrolysis method. Gidroliz. i lesokhim. prom. 13 no.2:31-32 '60.

Intensification of reducing agents in hydrolyzates. A. V. Akhov, [illegible]. Gidroliz. i lesokhim. prom. 13 no.2:9-10 '60.

Inhibition of sugar degradation in the hydrolysis of wood. IA. I. Marek. Izv. vys. ucheb. zav.; [illegible] no.1:132-134 '60.

HYDROMAGNETIC WAVES see Magnetohydrodynamics

HYDROMECHANICS see Fluid mechanics

HYDROMETEOROLOGY

Leningrad. Gidrometeorologicheskii institut. [International geophysical year. Materials of a conference on the problem "Interaction of atmosphere and hydrosphere in the northern part of the Atlantic Ocean"] Mezhdunarodnyi geofizicheskii god. Materialy konferentsii po probleme "Vzaimodeistvie atmosfery i gidrosfery v severnoi chasti Atlanticheskogo Okeana." Leningrad, Gidrometeoizdat, 1959. 2 v.
(CU 8)

Method of calculating heat losses from the surface of water in winter. B. V. Donchenko. Trudy GGI no.72: 47-60 '58.

HYDROMETEOROLOGY—CONGRESSES

Conference of hydrometeorologists and glaciologists of Transcaucasia. Vest. AN SSSR 30 no.6:88 Je '60.

HYDROMETER

Hydrometer for measuring moisture content of grain. Kh. M. Rakhlin, G. R. Fedorova. Biul. tekh.-ekon. inform. no.3:62-63 '60.

HYDROPHOBIA see Rabies

HYDROROMETE see subdivision under Georgia

HYDROXIDES

Constancy of the activity product of simple (hydrated) metal ions and hydroxyl ions in the heterogeneous system $M^{n+} - M(OH)_n^{m} - M(OH)_n - H_2O$. N. V. Aksel'rud. Dokl. AN SSSR 13? no.5:1067-1070 Je '60.

HYDROXYL GROUP—SPECTRA

Use of infrared spectrum analysis in the quantitative determination of OH groups in cellulose nitrates and in their products of reaction with silicon organic compounds. I. A. Kirichenko, P. A. Andreev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.3:500-01 '60.

HYDROXYLAMINE

Determination of thorium with N-benzoylphenylhydroxylamine. I. P. Alimarin, Lee Yün-hsiung. Vest. Mosk. un. Ser. 2: Khim. 15 no.2:54-57 Mr-Ap '60.

HYDROXYLATION

Direct hydroxylation of 2-substituted dihydroresorcinols. S. I. Zav'ialov, V. I. Gunar, A. I. Vasil'ev. Izv. AN SSSR Otd. khim. nauk no.5:[illegible] My '60.

HYGIENE

Book of general interest ("Book on health," edited by D. A. Zhdanov. Reviewed by I. Boratinskaia). Nauka i zhizn' 27 no.5:[illegible] My '60.

Remember this, young people! A. S. Gunarova. Zdorov'e 6 no.5:31 My '60.

HYGIENE—EARLY WORKS TO 1800

Hygienic problems in the works of S. G. Zybelin (1735-1802). V. R. Nikolaev. Feld. i akush. 25 no.3:30-32 Mr '60.

HYGROMETRY

Possibility of measuring gradients of atmospheric temperature and humidity by the use of station psychrometers installed in instrument shelters. A. R. Konstantinov, V. S. Golubev. Trudy GGI no.70:[illegible]-107 '60.

HYMENOPTERA

O. I. Radoshkovskii's collection of hymenopterans. V. V. Popov. Entom. oboz. 39 no.1:237-240 '60.

HYPATIA, d. 415

Hypatia. D. K. Nauka i zhizn' no.3:60-61 Mr '60.

HYPERTENSION

Changes in blood serum proteins of hypertension patients with nervous system disorders [with summary in English]. Z. N. Iliacheva, L. I. Kocherova. Vrach. delo no.4:375-370 Ap '60.

Changes in vascular reactions in first-stage hypertension following treatment. Z. V. Dzhanovskaia. Mat. po obm. nauch. inform. no.2:31-37 '58.

Dark adaptation in hypertension. B. G. Tovbin, O. I. Rybnikova. Oft. zhur. 12 no.5:300-309 '57.

Data from a clinical and an experimental investigation of the properties of reserpine. F. V. Kovshar' and others. Vrach. delo no.1:91 '60.

Diagnosis and treatment of portal hypertension [with summary in English]. E. I. Gal'perin, B. A. Petrov. Khirurgiia 35 no.12:32-38 D '59.

Diagnostic and prognostic significance of the determination of argentophylic substances in the urine of hypertensive patients. A. S. Chizhikov. Zdrav. Belor. 6 no.2:40-43 F '60.

Dynamics and mechanisms of disturbances of the lesser pulmonary circulation in acute arterial hypertensions of the greater circulation. A. A. Moibenko. Mat. po obm. nauch. inform. no.2:87-90 '58.

Erythema and skin temperature in hypertension. D. N. Nurmukhamedov. Med. zhur. Uzb. no.7:15-21 Jl '60.

Excitability of the cerebral cortex in hypertension treated with sleep. S. N. Sharavskii. Mat. po obm. nauch. inform. no.2:167-172 '58.

Fundus oculi in hypertension [with summary in English]. G. D. Dobrovskaia, G. A. Gudzovskaia. Vrach. delo no.1: 17-21 '60.

Investigation of thyroid gland function in hypertension by means of radioactive iodine. N. M. Mukharliamov. Med. zhur. Uzb. no.10:24-27 O '58.

"Oxygen insufficiency in hypertension (prophylaxis and treatment)" [in Ukrainian] by M. S. Zanozdra. Reviewed by M. A. IAsinovskii. Vrach. delo no.4:439 Ap '60.

Restoration of sleep in hypertension. M.D.Dykhovets. Vrach. delo no.3:259-261 Mr '60.

Significance of physical exertion in the detection of external respiration disturbances and in the evaluation of the effectiveness of oxygen therapy and exercise therapy in first stage hypertension. N.G.Zanozdra. Mat. po obm. nauch. inform. no.2:55-63 '59.

Some remarks in relation to the treatment of hypertension patients with medication sleep in the light of late results. R.M.Plukha. Mat. po obm. nauch. inform. no.2:113-116 '59.

Study of vascular reactions in hypertension. I.I.Lazarenko. Med. zhur. Uzb. no.6:8-11 Je '59.

Surgical treatment of paroxysmal hypertension. V.I.Korkhov, P.T.Volkov. Khirurgiia 35 no.12:81-85 D '59.

Vascular changes in an intestine with gangrene and perforations as a consequence of a hypertension crisis. I.D.Kryzhskii, S.Sh.Kharnas. Kaz. med. zhur. 41 no.1:44-46 Ja-F '60.

HYPNOTISM - THERAPEUTIC USE

Bul', P.I. [Hypnosis and suggestion in the clinical treatment of internal diseases] Gipnoz i vnushenie v klinike vnutrennikh boleznei. [Leningrad] Gos. izd-vo med. lit-ry, 1959. 184 p. (Biblioteka prakticheskogo vracha) (MIRA)

HYPOCHONDRIA

Differential diagnosis of asthenic and hypochondriac conditions. I.I.Zavilianskaia, V.M.Bleikher. Vrach. delo no.2:147-151 F '60.

HYPOTHERMIA

Metastatic spreading in the presence of the combined action of X rays and hypothermia [with summary in English] Vrach. delo no.1:7-11 '60

Studying the structural changes in the hypophysis in hypothermia. G.R.Karal Ogly. Soob. AN Gruz. SSR 23 no.6:[illegible] D '59.

HYPOTHYROIDISM

Electrophoretic changes in hypothyroidism in rats of different ages. V.M.Merashvili, [illegible] Vestsi AN BSSR Ser. biial. nav. no.1:111-115 '60

HYSTERESIS

Hysteresis free magnetizing of ferromagnetics by means of a natural oscillation generator. V.M.Il'in, V.M.Bladyko. Izv. vys. ucheb. zav.; energ. 3 no.4:27-33 Ap '60.

Temperature magnetization hysteresis in single silicon iron crystals. I.V.Kirenskii and others. Fiz. met. i metalloved. 9 no.3:337-344 Mr '60.

HYSTERIA

Clinical and experimental investigation of hysterical psychopathy in the legal psychiatric clinic. V.A.Gur'eva. Probl. sud. psikh. 8:[illegible] '59.

Clinical and laboratory correlations in the dynamics of hysterical reactions. N.I.Felinskaia and others. Probl. sud. psikh. 8:[illegible] '59

Hysterical manifestations in late periods following closed head injuries in legal psychiatric practice. I.P.Pertsevnikova. Probl. sud. psikh. 8:[illegible] '59

Hysterical psychoses. [illegible] Probl. sud. psikh. 8:[illegible] '59.

So-called physical symptoms in hysteria. [illegible] Probl. sud. psikh. 8:[illegible] '59.

IARMOLENKA, MIKALAI FIODARAVICH, 1900-

Outstanding chemist; on the 60th birthday of M.F.Iarmolenka. E.Novikava. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no.1:137-141 '60.

IBIS

Results of banding Ibididae and Ardeidae in the U.S.S.R. N.N.Shchekova. Migr. zhiv. no.1:67-84 '59.

ICE

(see also subdivision under Angara River, Arctic Ocean; Barents Sea, Bunger Hills region, Caspian Sea; Dnieper River, Long Strait)

Determining the Young's modulus of ice by the [illegible] method. M.I.Pestikov. Probl. Arkt. no.[illegible]

Experimental determination of the intensity of crystallization of water in turbulent motion. A.Zh.Zholaev. Vest. AN Kazakh. SSR 16 no.3:51-54 Mr '60.

ICE - TESTING

Nature of the scale effect of ice. G.M.Bartenev, I.P.Tsepkov. Zav. lab. 26 no.3:330-331 '60.

ICE CREAM

Azov, G.M. [Reference tables for the manufacture of ice cream] Vspomogatel'nye raschetnye tablitsy v proizvodstve morozhenogo. Moskva, Gos. izd-vo torg. lit-ry, 1959. 163 p.

ICE FISHING

Near the hunters' camp fire. A.Kharitonov. Sov. voin 41 no.22:31 N '59.

ICE ON RIVERS, LAKES, ETC. see subdivision under Europe

ICEBERGS

(see also subdivision under Antarctic regions)

Birth of the iceberg. [illegible] Inform. biul. Sov. antark. eksp. no.14:[illegible] '60

ICHTHYOL

Accelerated method for the determination of ichthyol in medicinal suppositories and ointments. G.IA.Fikh, V.K.Kovalenko, G.M.Bolotnikov. Med. prom. 14 no.[illegible] 41-45 Je '60

ICHTHYOLOGICAL RESEARCH

Studying the feeding of the young of predatory fish [illegible] the use of the [illegible] box [with summary in English] [illegible] Zool. zhur. [illegible]

ICONS

A folding icon of the Moscow school [illegible] no.10:[illegible] '59

Pale faces of the "holy" [illegible] Nauka i rel. no.4:49-55 Ap '60

IDZHEVAN - BANKS AND BANKING

Practice in preparing and carrying out of the [illegible] and crediting plan. [illegible] Den. i kred. 18 no.6:48-50 Je '60.

[illegible] - SOCIAL GROUP WORK

Toward high cultural standards for collective farm villages. [illegible]

ILEUM

Case of intestinal obstruction [illegible] ileal loop. [illegible] '59.

ILEUM - WOUNDS AND INJURIES

Perforation of the ileum by [illegible] Khirurgiia 35 no.12:104-105 D '59.

ILI VALLEY - DESERT FLORA

Vegetation characteristics of [illegible] [with summary in English] [illegible] Mr '60

ILIN, MODEST MYKHAILOVYCH, 189-

[illegible] 40th anniversary of his work [illegible]

ILLITERACY

El'kina, D.IU. [On the cultural front; from the history of the liquidation of illiteracy [illegible]] [illegible] Moskva [illegible] nauk RSFSR, 1959. 141 p.

ILLUSTRATION OF BOOKS

Remarkable Russian artistic [illegible]

IL'MEN' REGION - PHYSICAL GEOGRAPHY

Effect of water level lowering in Lake Il'men' [illegible] [illegible] Vest. Mosk. [illegible] 14 no.4:[illegible] '59

ILMENITE

Investigating processes of reduction and slag formation during the melting of ilmenite concentrates. I.P.Bardin, V.A.Reznichenko. Titan i ego splavy no.3:[illegible] '60.

Reduction of ilmenite by means of a gaseous [illegible] and solid carbon. I.P.Bardin, V.D.Khalimov. Titan i ego splavy no.4:16-22 '59

IMAN - HARBORS

Mechanizing [illegible] [illegible]

IMIDAZOLECARBOXYLIC ACID

Condensed polymethylene derivatives of [illegible] [illegible] [illegible] Zhur. ob. khim. [illegible]

IMMUNITY

Comparative evaluation of the immunological features of human and animal blood. [illegible] Izv. AN Azerb. SSR. Biol. nauki 12 no.12:101-104 D '59.

[illegible], V.S. [Immunity in specific defense [illegible]] Immunitet [illegible] Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 8)

Problem of the duration of immunity in plague [illegible] [illegible] with a mixture of the corresponding three [illegible] V.[illegible] and others. Zhur. mikrobiol., epid. i immun. 31 no.2:[illegible] '60

IMMUNOLOGY

Immunological activity of the lymphoid organs and general regularities of immunogenesis. [illegible] Vest. AMN SSSR 15 [illegible] '60

[illegible]

[illegible] G.P. [illegible]

[illegible]

[illegible] [with [illegible]

[illegible]

[illegible]

[illegible] Artificial insemination

[illegible] Electric lamps, Incandescent

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] in the reading [illegible]

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[illegible]

INDIA - HISTORY

[illegible]

INDIA - LITERATURE

[illegible]

INDIA - POLITICS AND GOVERNMENT

[illegible]

[illegible]

INDIA - RELATIONS (GENERAL) WITH RUSSIA

Happy journey! [illegible]

INDIA - RESEARCH

[illegible]

INDIA - [illegible] CHILDREN

[illegible]

[illegible]
[illegible] S. Losain, [illegible] '60.

[illegible] see [illegible], Indian

[illegible]
[illegible] A. Klimov. [illegible]

[illegible]
[illegible]

[illegible] LITERATURE — HISTORY AND CRITICISM
[illegible] [illegible] collection of articles] Literatura [illegible] Moskva, 1959. [illegible] p.

[illegible]OGRAPHY
[illegible] Leningrad [illegible]

[illegible] see subdivision under [illegible]

[illegible] AND [illegible] PAPERS
[illegible]

[illegible]
[illegible] of the [illegible] [illegible] V. V. [illegible]

[illegible] METALLOGRAPHY
[illegible] V. M. [illegible]

[illegible]
[illegible]

[illegible]
[illegible] [illegible] '60.

[illegible] ART
[illegible] in plastic [illegible] P. A. [illegible]

[illegible] COMMUNIST PARTY
[illegible] '60.

[illegible] FOREIGN ECONOMIC RELATIONS — RUSSIA
[illegible]

[illegible] FOREIGN RELATIONS — RUSSIA
[illegible]
[illegible]
[illegible] United States. [illegible]

[illegible] HISTORY
[illegible] against [illegible]] [illegible] Moskva, [illegible] 1960. 94 p.
[illegible] [illegible] in the land of independence] [illegible] 1960. 34 p.

[illegible] POLITICS AND GOVERNMENT
[illegible] '60.

[illegible] RELATIONS (GENERAL) WITH RUSSIA
[illegible]

[illegible] LANGUAGE — SYLLABICATION
[illegible]

[illegible] see Magnetic induction

INDUCTION HEATING
Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Guide for gluing wooden constructions and subassemblies by induction heating] [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 11 p.
Calculating the drying time of wet materials dried by high frequency currents. R. P. Zhuchkov. Izv. vys. ucheb. zav.; energ. 3 no.4:100-103 Ap '60.
Electric [illegible] speed gluing by means of induction heating. [illegible] '60.
[illegible] M. V. Lobzhin. [illegible]
Rapid [illegible] using high frequency currents. [illegible]
Recrystallization of commercial grade titanium during rapid electric heating. V. I. Ivanov, B. A. Golpov, [illegible] Met. i obr. met. [illegible] My '6[illegible]
[illegible] Ap '60.

INDUSTRIAL ACCIDENTS
[illegible] the field of safety engineering. [illegible] 30 My '60.
[illegible]

INDUSTRIAL ARBITRATION see Arbitration, Industrial

INDUSTRIAL BUILDINGS
[illegible]

INDUSTRIAL BUILDINGS — VENTILATION
[illegible]

INDUSTRIAL [illegible] see [illegible], Industrial

INDUSTRIAL [illegible] see [illegible], Industrial

INDUSTRIAL ELECTRONIC [illegible]
[illegible]

INDUSTRIAL EQUIPMENT see [illegible]

INDUSTRIAL HYGIENE
(see also subdivision under [illegible])
[illegible]
[illegible]
[illegible]
[illegible] A. M. [illegible] 1959. 180 p.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Physiology and hygiene of labor in the work plans of the scientific research institutions and departments of medical schools of institutions of higher learning for 1960. N. Ka[illegible] Biul. nauch. inform.: trud i zar. plata 3 no.1: [illegible]
[illegible]
Principles of hygiene to be considered in designing cabins for overhead traveling cranes. M. F. Medvedeva. Mekh. [illegible] no.4:27 Ap '60.

[illegible] of methodology in industrial establishments. V. V. Belinovich. [illegible] 21 no.2:[illegible] '60.
Replacing harmful substances in degreasing machine parts. [illegible] Gig. truda i prof. zab. [illegible] '60.
Tasks of scientific investigation in the field of industrial hygiene in the light of the decisions of the 21st Congress of the CPSU. A. A. Letavet. Vest. AMN SSSR 15 no.3:3-10 '60.
Technical progress and problems of labor hygiene. [illegible] '60.
Work and rest schedule of subway workers on the night shift. [illegible], V. Bolov'eva. Biul. nauch. inform.: trud i zar. plata 3 no.2:31-35 '60.

INDUSTRIAL HYGIENE — LAW AND LEGISLATION
Discussing the draft of the Basic Principles of Labor Law of the U.S.S.R. and the Union Republics. [illegible] of the labor code. [illegible] Gig. truda i prof. zab. 4 no.4:3-20 Ap '60.

INDUSTRIAL HYGIENE — STUDY AND TEACHING
(see also subdivision under Hygiene)
[illegible] '60.

INDUSTRIAL LAWS AND LEGISLATION
For further improvement in the legal regulation of measures for speeding up technological progress. [illegible] Sov. gos. i pravo no.6:22-31 Je '60.
Practice of government arbitration in disputes concerning the transfer of enterprises, buildings and installations. M. I. Mingulin. Sov. gos. i pravo no.5:102-107 My '60.

INDUSTRIAL MANAGEMENT
(see also subdivision under Georgia, Izhevsk, [illegible], Stalingrad Province, White Russia)
Economic [illegible] law of [illegible] '60.
[illegible] the work of factory laboratories of a [illegible] [illegible] '60.
In the State Scientific Technological Committee attached to the Council of Ministers of the U.S.S.R. Biul. tekh.-ekon. inform. no.1:61-62 '60.
Kleiman, R. A. [Improving production organization in industrial enterprises] [illegible] Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Ekonomika, no.18)
[illegible] new machinery [illegible] enterprises. [illegible] Kommunist [illegible] '60.
Make full use of your right to control the work of [illegible] letters to the editor. [illegible] '60.
Methods for determining the economic effectiveness of [illegible] specialization. M. [illegible], [illegible] Jn '60.
Methods for evaluating labor productivity. [illegible] Vest. statist. [illegible] Ap '60.
[illegible] the role of plan in the basis for planning the growth of labor productivity. V. [illegible] Je '60.
[illegible] for the shift [illegible] I. Ivanov, [illegible] Je '60.
Reducing the operating cycle in manufacturing machines. M. A. Bagat. Vest. mash. 40 no.3:73-77 Mr '60.
Solve creatively the problems of labor organization under conditions of modern technology. [illegible] 3 no.12: [illegible]
[illegible] problems of technological progress. Kommunist 37 no.10:[illegible] Jl '60.
Some results of the work of the industrial and technical council of the Krasnogvardeets Factory. I. A. [illegible], [illegible] Med. prom. 14 no.4:44-46 Ap '60.
Technological progress and well-organized management. T. Timofeevskii, B. Votes. Kommunist 37 no.11:49-56 Jl '60.
"Theory and practice of business accounting", collection of articles. Reviewed by V. Sal'tsev, V. [illegible], V. [illegible]. Nauch. dokl. vys. shkoly; ekon. nauki no.1:172-176 '60.

INDUSTRIAL MANAGEMENT — BIBLIOGRAPHY see Bibliography — Industrial management

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION
(see also subdivision under Kharkov, [illegible] Krasnodar region, White Russia)
Pinkin, M. R. [Principles of industrial production; lecture course] Osnovy industrial'nogo proizvodstva, kurs lektsii. [Moskva] Izd-vo Mosk. univ., 1960. 341 p.
[illegible] of industrial production is the most important [illegible] for technological progress. A. Kostousov. Kommunist 37 no.10:17-24 Jl '60.
Strategy of labor. I. Vladimirov. Moskva 4 no.1:193-201 '60

INDUSTRIAL POWER TRUCKS

The AK-1 motorcar V. N Sharkov Biul tekh -ekon inform no 2 73-74 '60

INDUSTRIAL PROCUREMENT

Organization of supply of materials and equipment should be equal to present-day tasks E. Lokshin. Nauch. dokl. vys. shkoly; ekon. nauki no. 1.13-25 '60.

INDUSTRIAL RELATIONS

Discipline is the mother of order and success N Kirillova Agitator no 13 30-34 Jl '60

Honor and conscience I Karpeev Agitator no 12 9-13 Je '60

Soviet foreman Agitator no 13 3-6 Jl '60

We'll manage! A. Gerber. Smena 37 no. 2:8 Ja '60.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL SAFETY

(see also subdivision under Ul'yanovsk Province)

Consultations. Bezop. truda v prom. 4 no. 3:32 '60.

Russia (1917- R. S. F. S R.) Ministerstvo stroitel'stva. Glavmetallurgmontazh. [Instructions for industrial safety measures in the assembly of technological equipment and piping] Instruktivnye ukazaniia po tekhnike bezopasnosti pri montazhe tekhnologicheskogo oborudovaniia i truboprovodov. Izd 2., perer. i dop. Moskva, TSentr. biuro tekhn. informatsii, 1959. 160 p.

Thoughtful, vigilant, strict G Voskresenskii Mast. ugl. 9 no. 2:8-8a F '60.

INDUSTRIAL SAFETY—STUDY AND TEACHING

One can't do much with such textbooks V. Gapeev. Okhr. truda i sots. strakh. 3 no. 2 37-38 F '60.

INDUSTRIAL STATISTICS

Kats, IA. D. [Collection of problems on industrial statistics] Sbornik zadach po promyshlennoi statistike. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 139 p.

INDUSTRIAL STATISTICS—INDEXES

How to use the system of interdependent indexes, M. Darahan Ekon Rad. Ukr. no 1 101-105 Ja-F '60.

INDUSTRIAL TELEVISION

Television in the Hamburg subway. Avtom., telem. i sviaz' 4 no. 2:46-47 F '60.

INDUSTRIAL TOXICOLOGY

Papok, K. K., and L G. Baron. [Toxicity of fuels, oils, and industrial liquids] IAdovitost' topliv, masel i tekhnicheskikh zhidkostei. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 78 p.

Problems in the toxicological and hygienic evaluation of chemical substances. S. L. Danishevskii. Plast. massy no 2 55-58 '60.

INDUSTRIAL WASTES

Hygienic problems in the location of industrial enterprises. D. N. Kaliuzhnyi, IA. I Kostovetskii Vrach delo no. 3 293-296 Mr '60.

Industrial wastes should be utilized. I. Derbedenev. Prom. koop 14 no 4 20 Ap '60

Making blocks using granulated slags and distillation wastes S Hrechushnykov and others Bud mat. i konstr 2 no. 1 28-30 F '60.

Method for the determination of cyanides in the sewage of coke chemical plants and gas generating stations. F. G Detlovitskaia. Gig. i san 25 no 2 51-54 F '60.

Mining industry wastes are valuable materials for building purposes F A Asinkritov Stroi mat 6 no 6 9-13 Je '60

Nauchno-issledovatel'skii institut sel'skogo stroitel'stva. [Instructions for using organic plasticizing soap-stock wastes in making mixed and lime mortars] Ukazaniia po primeneniiu v smeshannykh i izvestkovykh rastvorakh organicheskogo plastifikatora-otkhoda soapstoka. Moskva, Gos. izd-vo lit-ry po stroit., akhit. i stroit. materialam, 1959. 14 p.

INDUSTRIES, LOCATION OF

Lösch, August. [The economics of location. Translated from the English] Geograficheskoe razmeshchenie khoziaistva. Moskva, Izd-vo inostr. lit-ry, 1959. 455 p.
(DS)

INDUSTRIES, LOCATION OF—HYGIENIC ASPECTS

Hygienic problems in the location of industrial enterprises. D. N. Kaliuzhnyi, IA. I. Kostovetskii. Vrach. delo no. 3:293-296 Mr '60.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INEQUALITIES (MATHEMATICS)

Nodal solutions of a system of linear inequalities. S. N. Chernikov. Mat. sbor. 50 no. 1:3-24 Ja '60.

One differential inequality of the fourth order. IU. P. Gor'kov. Nauch. dokl. vys. shkoly, fiz. -mat. nauki no. 3:22-24 '59.

vys. shkoly, fiz. -mat. nauki no 3,23-32 '59

One of Mathieu's inequalities V. A. Zmorovich. Izv. vys. ucheb. zav., mat. no. 1:123-124 '60.

Some inequalities for entire functions of finite degree. A. S. Dzhafarov. Izv. vys. ucheb zav., mat no 1 103-115 '60.

INFANTILE PARALYSIS see Poliomyelitis

INFANTRY DRILL AND TACTICS

Application of "battle sounds" during basic training G Konetskii. Voen. vest 39 no. 12:70-71 D '59.

Good on the drill field, strong in combat V Viktorov Voen znan 36 no 6 13-14 Je '60

Rifle platoon's march security during the night. K. Maksimov. Voen vest. 39 no 12:31-37 D '59

INFANTS

TSimbal, O. L. [Roentgenological studies of newborn infants] Rentgenologicheskoe issledovanie novorozhdennykh. [Leningrad] Medgiz, 1959. 274 p.
(DNLM)

INFANTS—CARE AND HYGIENE

Letters to mothers Fifth letter. M M. Bubnova Zdorov'e 6 no. 5 14-15 My '60.

Massage and gymnastics for infants. R. Sorochek. Sem'ia i shkola 15 no. 2 44-45 F '60.

Massage and gymnastics for infants. R. Sorochek. Sem'ia i shkola 15 no. 3:43-44 Mr '60.

Maturation and training of a child in his first year. N. Terekhova. Sem'ia i shkola 15 no. 2 8-10 F '60.

"A mother's diary" by R. N. Berkovets, N. R. Elges. Reviewed by G. Liamina. Sem'ia i shkola 15 no. 3:31-32 Mr '60.

Natasha isn't the only one who asks. Zdorov'e 6 no 5 15 My '60

Use of massage and exercise in nurseries for children in the first year of life. K. V. Shvets, M. S. IUzeeva. Kaz. med. zhur. 41 no. 1:85-86 Ja-F '60.

Your child's enemies M D Krylova Zdorov'e 6 no 5 18-19 My '60

INFANTS—DISEASES

Deficient nutrition in children of the indigenous people of South Africa. P Dransfild Usl zhiz i zdorov 1 no 5 50-51 '59

INFANTS—NUTRITION

(see also subdivision under Ukraine)

Nutritional disorders of children in tropical countries G Ferro-Luzzi Usl zhiz i zdorov. 1 no 5 27-29 '60

Work of the collective farm milk kitchen. T. F. Krylova. Zdravookhranenie 3 no. 1:60-61 Ja-F '60.

INFANTS (PREMATURE)

Hemoplacental therapy of premature infants in the first weeks after birth L. I. Kantarovich, V M Bruk. Zdrav. Belor. 3 no. 10:38-40 O '57.

INFLAMMABLE MATERIALS

Regularities of ignition of explosible mixtures of saturated hydrocarbons and air. V. S. Kravchenko, R. M. Khalcev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:133-139 My-Je '60.

INFLAMMATION

Leucopenia in some chronic inflammatory processes. I. V. Lisovetskaia. Vrach. delo no. 3:251-255 Mr '60.

INFLUENZA

(see also subdivision under Khorezm Province; Odessa; Uzbekistan)

Akademiia meditsinskikh nauk SSR, Moscow. Institut infektsionnykh boleznei. [Asian influenza, collection of articles] Aziatskii gripp, sbornik nauchnykh rabot. Redkollegiia: N. I. Morozkin i dr. Kiev, Gos. med. izd-vo USSR, 1958. 285 p.
(DNLM)

Characteristics of the influenza outbreak of 1959. N. N. Orlova, A. I. L'vova Vest AMN SSSR 14 no. 10.17-19 '59.

Concerning the term "virus influenza." V. L. Cherkasov. Vrach. delo no. 2:201 F '60.

Condition of the capillaries in influenza. V. V. Slavskaia. Vrach delo no 1:95 '60.

Don't relax the struggle against grippe. V. Zhdanov. Okhr. truda i sots. strakh. 3 no. 2:63-65 F '60.

Etiology of the influenza outbreak of 1959 A. S Gorbunova and others. Vest AMN SSSR 14 no. 10 19-23 '59.

Neurological complications in type A_2 virus influenza. S. M. Slinin. Vrach. delo no. 2:189 F '60.

Use of astringent substances for the prevention and treatment of virus grippe. V. A Zhulkevich. Vrach delo no. 1:87-89 '60.

INFLUENZA—DIAGNOSIS

Rhinocytoscopic diagnosis of grippe. I. G. Shroit Zdravookhranenie 2 no 6:44-47 N-D '57.

INFORMATION SERVICES

Work of the All-Union Institute of Scientific and Technical Information Vest AN SSSR 30 no 6 124 Je '60

Applied and mathematical linguistics. I M IAglom, R L Dobrushin, A. M IAglom Vop iaz. 9 no. 1 100-110 Ja-F '60.

Coding which is relatively stable in respect of fading (antifading coding). E. L. Blokh, A A. Kharkevich. Elektrosviaz' 14 no. 4:3-6 Ap '60

Comparison of two methods for decoding interval codes. L. P. Kuklev, IU. P. Ozerskii. Radiotekh. i elektron. 5 no. 6:894-901 Je '60.

Conference on mathematical linguistics. N D Andreev Vop. iaz 9 no. 1 131-137 Ja-F '60

Differentiation of slowly varying signals [with summary in English]. S. N. Diligenskii. Avtom. i telem. 21 no. 4 513-524 Ap '60.

Equidistant and other optimum and nearly optimum codes. L. F. Borodin. Radiotekh. i elektron. 5 no. 6:883-893 Je '60.

Interference rejection of a differential-discrete method of transmission of information [with summary in English] V. M Baikovskii Avtom i telem. 21 no 3 344-358 Mr '60

Investigation of the stability of some linear distribution systems IU I Neimark, IU I Gorodetskii, N. N Leonov. Izv vys. ucheb zav., radiofiz 2 no 6 961-988 '59

Linear distortions in the conversion of continuous signals to discrete signals. V. A. Vol. Radiotekhnika 15 no. 4 36-41 Ap '60.

Maximum interference rejection of systems with discrete signals. N. L. Teplov. Radiotekhnika 15 no. 4.27-35 Ap '60.

Optimum nonlinear systems for filtering a signal with fixed parameters from noise. Izv vys. ucheb zav., radiofiz 2 no 6 892-901 '59

Questions on the theory of speech communications. IU. F. Pelegov. Elektrosviaz' 14 no 4:7-13 Ap '60.

Relationships of optimum signal detection systems. L. S. Gutkin. Radiotekhnika 15 no. 4 21-26 Ap '60.

What is meant by transformational analysis. T M Nikolaeva Vop iaz 9 no. 1 111-115 Ja-F '60

INFORMATION THEORY—BIBLIOGRAPHY see Bibliography—Information theory

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Use of infrared irradiation for the heat treatment of groats during the preparation of groat concentrates and the commercial properties of the latter. I. I. Iurchkin. Sbor. nauch rab. INKH no. 16:121-128 '59.

Using infrared radiation lamps for heating purposes I. I Riabov Energetik 8 no. 2:39 F '60.

Using radiant energy in the heat treatment of precast reinforced concrete products Rats. i izobr. predl v stroi no 14 14-16 '60.

INHERITANCE AND SUCCESSION

[Who can inherit property and what are the rules of succession] Kto i v kakom poriadke mozhet nasledovat'. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 41 p. (IUridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh)

INLAND NAVIGATION

Ivanov, L. A. [River harbor roadsteads] Reidy rechnykh portov. Moskva, Izd-vo "Rechnoi transport," 1960. 74 p.

INLAND NAVIGATION—LAWS AND REGULATIONS

Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Rules of navigation on R. S. F. S. R. inland waterways] Pravila plavaniia po vnutrennim vodnym putiam RSFSR. Vvedeny v deistvie s 1 marta 1959 g. prikazom ministra rechnogo flota no. 28 ot 11 fevralia 1959 g. Moskva, Izd-vo "Rechnoi transport," 1959. 124 p.

Sutyrin, M. A. [Directives on rules and regulations in navigation on inland waterways of the R. S F S R.] Rukovodstvo po izucheniiu pravil plavaniia po vnutrennim vodnym putiam RSFSR. Moskva, Izd-vo "Rechnoi transport," 1959. 171 p.

INLAND WATER TRANSPORTATION

(see also subdivision under Moscow River)

Severnoe gosudarstvennoe rechnoe parokhodstvo. [Passenger's guide for the 1957 navigation season] Spravochnik passazhira na navigatsiiu 1957 goda. Arkhangel'sk, 1957. 145 p.

Vorob'ev, P. F. [Organization of freight and passenger transportation on small rivers] Opyt organizatsii gruzovykh i passazhirskikh perevozok na malykh rekakh. Moskva, Izd-vo "Rechnoi transport," 1959. 32 p. (Obmen opytom)

INLAND WATER TRANSPORTATION—LAWS AND LEGISLATION

[River transportation in the directives of the Communist Party, legislative acts and regulations of the Soviet government, 1918-1959] Rechnoi transport v direktivakh Kommunisticheskoi partii, zakonodatel'nykh aktakh i postanovleniiakh Sovetskogo Pravitel'stva, 1918-1959. Moskva, Izd-vo "Rechnoi transport," 1959. 230 p.

Establishing norms for time-consuming work of production personnel servicing transportation. L. Kurtsman, S. Slutskii. Biul. nauch. inform. trud i zar. plata 3 no. 6:20-26 '60.

INOCULATION see Vaccination

INSANITY

Legal psychiatric significance of the prodromal stage of schizophrenia. M. F. Tal'tse Probl. sud. psikh. 8:463-481 '59.

INSCRIPTIONS, ARABIC see subdivision under Daghestan

INSCRIPTIONS, CHINESE

A rare inscription from the period of the Sung Dynasty E. Lubo-Lesnichenko. Soob Gos. Erm. no. 16.54 '59.

INSCRIPTIONS, GEORGIAN

Barnaveli, T. V. [Inscriptions of Zion Cathedral. Nadpisi Atenskogo Siona. Tbilisi, Akad. nauk Gruzinskoi SSR] 1957. 63 p. [In Georgian.]
(MH)

INSECTICIDES

Belosel'skaia, Z. G., and A. D. Sil'vestrov. [Protecting plantings from insects and diseases] Zashchita zelenykh nasazhdenii ot vreditelei i boleznei. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 230 p.
(DA)

Berim, N. G., and others. [Concise manual on the use of chemicals in plant growing] Kratkii spravochnik po primeneniiu iadokhimikatov v rastenievodstve. Pod obshchei red. G. E. Osmolovskogo. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 349 p.
(DA)

Grachev, D G. [Mineral fertilizers and chemicals; a manual for amateur fruit, vegetable, and flower growers] Mineral'nye udobreniia i iadokhimikaty, posobie dlia liubitelei sadovodstva, ogorodnichestva i tsvetovodstva. Izd. 3 Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960 99 p
(DA)

INSECTICIDES—PHYSIOLOGICAL EFFECT

Manifestation of resistance to chlorinated hydrocarbons by insects and ticks. V. I. Vashkov Zhur mikrobiol epid i immun. 31 no 2 122-128 F '60.

INSECTS

(see also subdivision under Crimea)

In vitro culture of insect tissues. Report No. 1. [with summary in English]. Nat. B. Medvedeva. Ent. oboz. 39 no. 1 77-85 '60.

Manifestation of resistance to chlorinated hydrocarbons by insects and ticks. V I Vashkov. Zhur mikrobiol. epid i immun. 31 no 2 122-128 F '60.

INSECTS—ANATOMY

Brain structure of insects during the successive stages of postembryonic development. Report No. 3: Optic lobes [with summary in German]. A. A. Panov. Ent. oboz. 39 no. 1 86-105 '60.

Muscles of the mouth parts and pharynx in desert darkling beetles (Coleoptera, Tenebrionidae) of Turkmenistan [with summary in English]. G. S. Medvedev. Ent. oboz. 39 no. 1 106-121 '60.

Structure of the forelimb in spider mites (Acariformes, Tetranychidae). B. A Vainshtein. Biul. MOIP Otd biol 64 no 5 146-149 S-O '59.

INSECTS—COLLECTION AND PRESERVATION

Collecting insects by airplane as a new method of studying the insect fauna of large areas. V. S. Odintsov. Ent. oboz. 39 no. 1,227-230 '60.

INSECTS—DEVELOPMENT

The life cycle of ticks of the family Ixodidae. G. V. Serdiukova. Trudy Vses. ent. ob-va 47:273-280 '60.

INSECTS—DEVELOPMENT—CONGRESSES

International symposium on the ontogenic development of insects. D. M. Shteinberg. Ent. oboz. 39 no. 1:233-237 '60.

INSECTS—HABITS AND BEHAVIOR

Why are insects attracted by light? [with summary in English]. G. A. Mazokhin-Porshniakov. Ent. oboz. 39 no. 1.52-58 '60.

INSECTS AS CARRIERS OF DISEASE

Mites, ticks, and fleas parasitic on rodents, insectivores, and birds in natural foci of acarid-borne rickettsiosis in East Kazakhstan Province [with summary in English]. S. P. Pionikovskaia, A. V. Ivanov. Zool. zhur. 39 no. 2: 200-206 F '60.

INSTALMENT PLAN

What is the procedure for selling things on instalment. I. Zolotarevskii. Otv. na vop. trud. no. 109:41-44 '59.

INSTANTANEOUS PHOTOGRAPHY see Photography, Instantaneous

(see also subdivision under Kirovabad)

This interesting book needs more work ("Fundamentals of electric measurements, electronic appliances and automation in the instrument industry" by S F. Korndof. Reviewed by A. V. Lebedev). Vest. vys. shkoly 18 no 7:90-92 Jl '60.

INSTRUMENT INDUSTRY—LABOR PRODUCTIVITY

Measuring labor productivity in instrument manufacturing. Z. Levit, K. Vdovichenko Biul. nauch. inform. trud i zar. plata 3 no. 1:3-10 '60.

Method of analyzing hidden potentialities of labor productivity in an assembly-line production workshop. N. Levitskii, Z. Magaziner. Biul. nauch. inform. trud i zar. plata 3 no. 2:12-21 '60.

INSTRUMENT LANDING SYSTEMS

From the farthest to the closest... V. Andreev, IU. Valerius. Grazhd. av. 17 no. 3.9-11 Mr '60.

INSTRUMENT MANUFACTURE

Application of high-speed motion-picture photography for the investigation of the machining of the components of precision instruments N I Ryndiukov. Usp nauch fot 6 173 '59

Elinvar alloys for elastic sensitive elements. N. G. Chomova. Sbor. trud. TSNIICHM no. 22:104-110 '59.

A good book requires additions ("Fundamentals of electric measurements, electronic equipment, and electric control used in the manufacture of instruments" by S. F. Korndorf. Reviewed by E. I. Gitis). Priborostroenie no. 4:31-32 Ap '60.

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. [Design of parts and mechanisms for precision instruments, collected articles] Raschety detalei i mekhanizmov tochnykh priborov, sbornik statei. Pod red. T. A. Gevondiana. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 260 p.

New alloy for instrument parts. A. Z. Ivanushkina, N. A. Solov'eva. Sbor. trud. TSNIICHM no. 22:52-56 '59.

Using plastics in manufacturing measuring instruments and automatic devices. A. M. Vedmidskii. Izm tekh. no. 2:1-3 F '60.

INSTRUMENT MANUFACTURE—CONGRESSES

Republic conference on the manufacture of instruments. N. N. Skvortsov. Priborostroenie no. 3:27-28 Mr '60.

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSTRUMENTS—SHOCK ABSORBERS

Designing shock-absorbing springs for instruments equipped with stretchers. P. I. Khronkov. Izv. tekh. no. 3:30-31 Mr '60.

INSULATING MATERIALS

Peat insulating panels. M. A. Sukhanov. Torf. prom 37 no. 1 28-29 '60.

INSULATING OILS

Production of stable transformer oils from sulfur-bearing crudes. A. E. Al'tshuler. Khim. i tekh topl. i masel 5 no. 3:12-17 Mr '60.

INSULATION (HEAT)

Asbestos cement shells for protecting heat-insulated pipes. Rats. i izobr. predl. v stroi. no. 13.74-77 '59.

Experimental investigations in the technology of lime siliceous heat insulating materials L F IAnkelev, V. N. Dvorkin. Stroi. mat 6 no. 2 33-36 F '60.

Fireproof concrete thermal insulation. L. F. IAnkelev. Energokhoz. za rub. no. 2.21-26 Mr-Ap '60.

Foam volcanic tuff, a new heat insulating material M. A Matveev, K. V. Kharmandarian Stroi. mat 6 no 2, 36-37 F '60.

Insulation for high temperature steam. B. A. Malants. Energokhoz. za rub. no. 2.41-42 Mr-Ap '60.

Making asbestos-silicate heat-insulating materials. I. Z. Volchek, G. F Kuznetsov. Mont. i spets. rab. v stroi. 22 no. 3.18-20 Mr '60.

Making two-layer precast elements for insulating pipes. Rats. i izobr. predl. v stroi. no. 13:77-79 '59.

Textbook on the technology of heat insulating materials R L. Pevzner. Stroi mat. 6 no 3 39-40 Mr '60.

INSULATION (SOUND) see Soundproofing

INSULIN

Effect of insulin and glucose on the adenosinetriphosphatase activity of the blood [with summary in English]. I. D. Holovats'kyi. Dop. AN URSR no. 2:224-227 '60.

Oxyhemometric data in insulin therapy of schizophrenic patients. Z. R Tiushkevich. Zdrav Belor 3 no 10 32-34 O '57.

Role of insulin and adrenaline in the amino acid metabolism of the mammary gland. V. G. IAkovlev, G. N. Ozerova, I. K. Mishchenko. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:37-63 '59.

(see also subdivision under Moldavia)

Follow-up of our materials. Fin. SSSR 21 no. 6:78-79 Je '60

INSURANCE, ACCIDENT

A true story. I. Kirienko. Okhr. truda i sots. strakh. 3 no. 2 46-47 F '60.

INSURANCE, LIFE—RATES AND TABLES

Rybnikov, S. A. [Basic life insurance schedules] Osnovy tarifnykh raschetov po strakhovaniiu zhizni. Moskva, Gosfinizdat, 1959. 56 p.

INSURANCE, SOCIAL

(see also subdivision under Albania, Astrakhan Province, Belgorod; France; Gorkiy, Leningrad; Lomonosov; United States)

Closer to life and closer to the people. Sots obesp 21 no. 2 3-7 F '60.

Convention of the International Labor Office on the minimal norms of social insurance. V. Nikitin. Okhr. truda i sots. strakh. 3 no. 2:77-79 F '60.

New legislation and regulations. Sots. obesp. 21 no. 2: 51-55 F '60

We'll fulfill the resolutions of the December Plenum of the Central Committee of the CPSU. Sots. obesp. 21 no. 2: 1-2 F '60.

INSURANCE, SOCIAL—ACCOUNTING

Some shortcomings in auditing F. Arkhipova. Sots. obesp. 21 no 2 19-23 F '60

INSURANCE, SOCIAL—AUDITING AND INSPECTION see subdivision under Bryansk Province

INSURANCE, SOCIAL—EMPLOYEES see subdivision under Gorkiy

INSURANCE, SOCIAL—PERIODICALS

Republic-wide readers conference in Leningrad. Sots. obesp. 21 no. 2.59-62 F '60.

INSURANCE LAW

Grave, K. A., and L. A. Lunts. [Insurance] Strakhovanie. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 175 p. (Kurs sovetskogo grazhdanskogo prava)

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Investigating beam vibrations by means of Volterra's integral equations. V. K. Kabulov. Dokl. AN Uz. SSR no. 11: 11-16 '56.

A nonlinear integral equation with fixed singularity. T. A. Ebanoidze. Soob. AN Gruz. SSR 23 no. 5 521-526 N '59.

Solving a boundary problem for polyharmonic equations. T. M. Kerimov. Uch. zap. AGU Fiz.-mat. i khim. ser. no. 1.49-61 '59.

Studying special solutions of a class of nonlinear integral equations [in Azerbaijani with summary in Russian]. Dzh. G. IUsif-zade. Uch. zap. AGU Fiz.-mat. i khim. ser. no. 1:19-29 '59.

Theory of the existence for a Uryson equation in space LP. S. Ashirov. Uch. zap. AGU Fiz.-mat. i khim. ser. no. 1 15-18 '59.

INTEGRALS

Differential properties of certain integral transformations. T. G. Gegelia. Trudy Mat inst. AN Gruz. SSR 26:195-225 '59.

Limit transition under the integral sign from the general point of view of the Kolmogorov integral theory. L. IA. Leifman. Izv. vys. ucheb. zav ;mat. no 1:139-153 '60.

Remarks on "Conditions of the existence of Kolmogorov's integral and the concept of differential equivalence." L. IA. Leifman. Usp. mat. nauk 15 no. 1:259-261 Ja-F '60.

Studying the function $I(\theta) = \int p(\theta)\, L(\theta)\, d\theta$. A Erugin. Biul. SNO LGU no. 1:20-34 '58.

Substituting a variable under the sign of the Lebesque integral. O. D. TSereteli. Trudy Mat. inst. AN Gruz. SSR 26:65-73 '59.

Summation of multiple integrals. V. G. Chelidze. Trudy Mat. inst. AN Gruz. SSR 26:75-90 '59.

INTEGRALS, DEFINITE

Investigating a certain class of definite integrals containing the square of a Bessel's function of the first order. K. S. Shifrin, E. P. Novosel'tsev. Trudy GGO no. 100: 25-36 '60.

INTELLECT

Knowledge and cybernetics. IA. F. Askinadze. Nauka i zhizn' 27 no. 2:39-42, 51 F '60.

INTELLIGENCE SERVICE see subdivision under Great Britain; United States

INTERFERENCE (LIGHT)

Dynamic theory of the interference of X rays for a finite crystal P. A. Bezirganian. Dokl. AN Arm SSR 29 no 5:223-230 '59.

Rest mass of light, and interference phenomena I. R. Plotkin Izv. vys. ucheb zav ,fiz. no. 6:90-94 '59.

Interferometry of the roughness of surfaces H. Trumpold. Izm.tekh. no.2:52-57 F '60.

Use of interference light filters of the Fabry-Perot interferometer type for simplified spectral measurements of direct solar radiation in the ultraviolet region of the spectrum. N. I. Nikitinskaia. Trudy GGO no.100 124-127 '60.

INTERIOR DECORATION

Interior decoration of one-family apartments. K. Blomerius. Arkhit. i stroi. Mosk. 8 no 7 18-20 Jl '59.

Office colors in the U. S. A. L. Malakhova. Biul nauch. inform.: trud i zar. plata 3 no. 2:59-61 '60.

University of beauty and health Smena 37 no 12 20-21 Je '60

INTERNAL FRICTION

Effect of addition alloying with molybdenum on internal friction during the ordering of Ni_3Mn alloys. IU.S Avraamov, S O. Mezhennaia. Izv. vys. ucheb. zav., chern. met. no.5:102-105 '60.

Mechanism of the occurrence of internal friction impurities peak. V. T. Shmatov, A. V. Grin'. Fiz. met. i metalloved. 8 no.6:829-833 D '59.

Sorokin, E. S. [Theory of internal friction in case of vibration of elastic systems] K teorii vnutrennego trenila pri kolebaniiakh uprugikh sistem Moskva, Gos. izd-vo lit-ry po stroit, arkhit i stroit. materialam, 1960. 130 p.

INTERNAL MEDICINE see Medicine, Internal

INTERNATIONAL AGREEMENTS see Treaties

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION—SOCIETIES, ETC

Unauthorized actions of the secretary general must be corrected. K. D. Nikonov. Standartizatsiia 24 no.3:59 Mr '60.

INTERNATIONAL CORRESPONDENCE

My suggestions on the exchange of correspondence. Siem Kie Khian. Mol. mira. no.12:21 '59.

News from schools. Prof.-tekh. obr. 17 no.3:32 Mr '60.

INTERNATIONAL ECONOMIC RELATIONS

Alignment of forces in the imperialist camp. B. Pichugin. Mezhdunar. zhizn' 7 no.7:99-108 Jl '60.

Certain problems of international trade. A. Mikoian. Mir. ekon. i mezhdunar. otn. no.6 3-14 Je '60.

INTERNATIONAL EDUCATION

UNESCO seminars on the education of students in the spirit of international understanding. V. Shakh-Nazarova, I. TSikora. Sov. pedag. 24 no.6 156-158 Je '60.

INTERNATIONAL LAW

Baginian, K. A. [Struggle of the Soviet Union against agression] Bor'ba Sovetskogo Soiuza protiv agressii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 286 p.

Blishchenko, I. P. [International and domestic law] Mezhdunarodnoe i vnutrigosudarstvennoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 237 p.

"Soviet international law yearbook." Reviewed by A. I. Poltorak Sov. gos. i pravo no.5 144-149 My '60.

The third annual meeting of the Soviet International Law Association. B. M. Klimenko. Sov. gos. i pravo no.6: 124-127 Je '60.

INTERNATIONAL LAW—DICTIONARIES

"Dictionary of international law terms" [in French]. Reviewed by V. N. Drzudenevskii. Sov. gos. i pravo no.5: 157 My '60.

INTERNATIONAL RELATIONS

Calendar of diplomatic events. Mezhdunar. zhizn' 7 no.7:154 Jl '60.

The ideology and policy of the backers of "coexistence at the sword's point," IU. Frantsev. Mezhdunar. zhizn' 7 no.7:69-77 Jl '60.

INTERNATIONALISM

Lenin's ideas of proletarian internationalism. M. V. Parnev. Prep. ist. v shkole 15 no.2:34-43 Mr-Ap '60.

INTERPARLIAMENTARY UNION

Parliamentary group of the U. S. S. R. A. P. Volkov. Kul't. i zhizn' 4 no.3:10-14 '60.

INTERPERSONAL RELATIONS

Basic rules of social intercourse. V. T. Vladimirov. Vop filos 14 no.6:140-143 '60.

On a sensitive and attentive attitude toward man. M. Sokolova. Otv. na vop. trud. no.109:44-50 '59.

INTERPLANETARY VOYAGES

Liapunov, B. V. [Problem of interplanetary voyages in works by Russian scientists, verbatim report of a lecture delivered in the lecture hall of the Moscow City Committee of the All-Union Voluntary Society for the Promotion of Aviation] Problema mezhplanetnykh puteshestvii v trudakh otechestvennykh uchenykh; stenogramma publichnoi lektsii, prochitannoi v lektorii Moskovskogo gorodskogo komiteta DOSAV. Moskva, 1951. 22 p.

(DS)

INTERPOLATION

Graphoanalytical method of interpolation. A. A. Rudnitskii. Zhur. neorg. khim. 5 no.2 396-400 F '60.

Use of conformal mapping in solving Dirichlet's problem for a Laplace equation by interpolation A. F Zolin. Dokl. AN Uz. SSR no.11 3-9 '56.

INTESTINES

Character of the distribution of mitotic figures in the Lieberkuhn crypts of mammalian intestines. A. N Zorin. Uch zap 2-go MGMI 16.192-200 '58

Mitotic activity of the epithelium of the Lieberkuhn crypts and the cornea in starvation and following administration of nutrient substances. A. N Zorin. Uch. zap 2-go MGMI 16 201-216 '56

INTESTINES—BACTERIOLOGY

Determination of the fermentative capacity of intestinal bacteria. L. A. Kolesinskaia, B. Z. Vol'fson. Lab. delo 6 no.2 51 Mr-Ap '60.

Etiology of the unstable stool in children. A. P. Podgornova. Med zhur Uzb. no 8/9 39-42 Ag-S '58

Test of the sensitivity to antibiotics of enterococci of varying origins. Sh. N. Khaltaev. Med. zhur. Uzb. no.11 70-72 N '58.

INTESTINES—DISEASES

(see also subdivision under Minsk)

Disorders of the intestine following traumas. B. M. Rivkind Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no.7:318-323 '58.

Enteroliths of Meckel's diverticulum. M. D. Purik. Zdravookhranenie 2 no.6:54-55 N-D '59.

Some data on acute intestinal diseases of children. B. A. Andzhelov. Izv. AN Arm. SSR. Biol. nauki 12 no.12:27-31 D '59.

Vascular changes in an intestine with gangrene and perforations as a consequence of a hypertension crisis. L. D. Krymskii, S. Sh. Kharnas Kaz. med. zhur. 41 no.1.44-46 Ja-F '60.

Work of the intestinal infections section at Children's Hospital No.15 in Oktyabr' District in Tashkent I. M Gal'perin. Med zhur. Uzb no.8/9:35-39 Ag-S '58.

Your child's enemies. M D Krylova. Zdorov'e 6 no 5 18-19 My '60.

INTESTINES—INTUSSUSCEPTION

Case of invagination of the small intestine into an aplastic vitelline duct. I. P. Shuliak. Khirurgiia 35 no.12:96 D '59.

Invagination of the jejunum into the stomach through a gastroenterostomic opening. IU. N. Murashov Zdrav Belor. 3 no.10:69-70 O '57

Rare case of invagination of the large intestine in typhoid fever in an eleven months-old child. V. A. Alimov. Med. zhur. Uzb. no.5:64-66 My '56.

INTESTINES—OBSTRUCTIONS

(see also subdivision under Almetyevo)

Case of atresia of the small and large intestine. R. K. Islambekov. Med. zhur. Uzb. no.5:69-70 My '58.

Case of impassable obstruction caused by intestinal calculi. N. Kh Akalaev. Med. zhur. Uzb. no 8/9 122-123 Ag-S '58.

Case of intestinal obstruction caused by duplication of an ileal loop. V. S. Tikhonov. Khirurgiia 35 no.12:89-90 D '59.

Case of intestinal obstruction of dysenterial orgin in a child. P. D. Tuliaganov. Med. zhur. Uzb. no.5:66-67 My '56.

Treatment of high obstruction of the digestive tract developing after resection of the stomach [with summary in English]. O. S. Shkrob. Khirurgiia 35 no.12:38-44 D '59.

INTESTINES—RADIOGRAPHY

Physiological function of the distal section of the large intestine under radiographic illumination. D. M. Abdurasulov. Med. zhur Uzb. no.8/9 54-58 Ag-S '58

X-ray examination of the intestine under polyclinic conditions. V. I. Petrov. Vest. rent. i rad. 35 no.1:14-18 Ja-F '60.

INTESTINES—SURGERY

Aftereffects of resection of the small intestine. P. G. Bogach. Vrach. delo no.3:277-278 Mr '60.

Extensive resection of the large intestine. S. M. IAnovskii, K. M. Sultanov. Med. zhur. Uzb. no.10:84-85 O '58.

INTESTINES—TUBERCULOSIS

Clinical and radiological characteristics of tuberculosis of the intestines in patients without active pulmonary tuberculosis. B. Kh. Magzumov. Med. zhur. Uzb. no.8/9:50-53 Ag-S '58.

INVENTIONS

Creative power is a perpetual motivating force. M. Voitkevich. Izobr. i rats. no.3:30-32 Mr '60.

In the Expert Council of the Committee on Inventions and Discoveries. Izobr. i rats. no 3.43 Mr '60.

Mozolin, V. P. [Rights of inventors and efficiency promoters] Prava izobretatelei i ratsionalizatorov v SSSR. [Moskva] Izd-vo Mosk. univ., 1959. 90 p.

Cuba, France, Venezuela

INVESTMENTS, FOREIGN

The role of the export of capital in the world capitalist economy A. Bechin. Mir ekon. i mezhdunar. otn. no 6:93-106 Je '60.

INVESTMENTS, JAPANESE

Revival of Japan as an exporter of capital. V. Arkhipov. Fin. SSSR 21 no.6.80-86 Je '60

IOAN IV, Voivode of Moldavia, d 1577 or 8

Hasdeu, Bogdan Petriceicu. [Voivode Ioan, the Terrible. Translated from the Moldavian] Ion-Voevoda Liutyi. Kishinev, Kartia Moldoveniaske, 1959. 206 p.

IODATES—ANALYSIS

Photometric determination of iodates. S. S. Vil'borg. V. A. Drozdov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no.1:75-77 '60.

IODIDES

Determination of iodides in the presence of bromides and chlorides by means of radioactive iodine. M. D. Murachevskaia, B. V. Ptitsyn Zav. lab. 26 no 3:269-271 '60

Studies in the series of alkylated aromatic amines Part 2 Interaction between unsymmetrical dietertiary n-phenylenediamines and alkyl iodides N A Zakharova, N V. Khromov-Borisov Zhur ob khim 30 no 6 1805-1814 Je '60

IODINE

Iodine content in water sources of the Gorno-Altai Autonomous Province. Gig. i san. 25 no 2:88-90 F '60.

IODINE—ISOTOPES

Determination of iodides in the presence of bromides and chlorides by means of radioactive iodine. M. D. Morachevskaia, B. V. Ptitsyn Zav lab 26 no.3:269-271 '60.

Investigation of thyroid gland function in hypertension by means of radioactive iodine. N. M. Mukharliamov. Med. zhur. Uzb. no.10:24-27 O '58.

Methods for removing radioactive iodine from sewage of medical institutions [with summary in English]. T. A. Berezina, V. IA. Golikov Gig i san. 25 no 2.12-14 F '60.

Treatment of cardiovascular diseases and circulatory insufficiency with radioactive iodine. TS. A. Lovina, E. D. Dubovyi, E. A. Gruzina. Vrach. delo no.2:201 F '60.

"Use of radioactive iodine in the clinic" by N. M Draznin Reviewed by A. Atabek Zdrav Belor 6 no 2 76 F '60

IODINE—THERAPEUTIC USE

Blue iodine. B. Rozen Nauka i zhizn' 27 no.3:77-78 Mr '60

Restoration of the ovular function of the ovary by elimination of the iodine deficiency in the diet. E. I. Smirnova. Uch. zap. 2-go MGMI 10:175-191 '58.

IODINE IN THE BODY

Influence of manganese on the thyroid gland of rats in iodine insufficiency. T. S. Samofal. Vrach. delo no.3 313 Mr '60.

IODOMETRY

Arsenate method for determining thorium iodometrically. G. B. Shakhtakhtinskii, I. A. Mamedov. Azerb. khim. zhur. no.2:105-110 '59.

Arsenate method for the iodometric determination of aluminum and iron present simultaneously. G. B. Shakhtakhtinskii, I. A. Mamedov. Azerb. khim. zhur. no.1:45-51 '59.

IODONIUM COMPOUNDS

Crystal structure of diphenyliodonium fluoroborate. IU. T. Struchkov, T. L. Khotsianova. Izv. AN SSSR Otd. khim. nauk no.5:821-831 My '60.

ION EXCHANGE

Analytical characteristics of the EDE-10p anionite. V. G. Sochevanov and others. Zav. lab. 26 no.4:422-425 '60.

Cation exchange in condenser paper located in a nonaqueous environment. V. T. Renne, M. N. Morozova. Izv. vys. ucheb. zav., energ. 3 no.5:65-69 My '60.

Complexonometric determination of the value of the exchange capacity of sulfonated cationites. N. G. Polianskii, V. I. Vishnevskaia, A. P. Rodionova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:96-98 '60.

Determining aluminum in tellurium by means of an anionite. N. P. Strel'nikova, V. N. Pavlova. Zav. lab. 26 no.4:425-426 '60.

Exchange ions in soil and their availability to plants [with summary in English]. A. V. Peterburgskii. Izv. TSKhA no.6:70-76 '59.

Ionite membranes; uses of ionite membranes in chemical technology. V. S. Titov. Plast. massy no.1:55-59 '60.

Nature of ion-exchange reactions on Lvov glauconite [with summary in English]. O. I. Komlev. Dop. AN URSR no.2.198-201 '60.

[illegible]

IRAN—EDUCATION

The tragedy of Iranian children. [illegible] Sovr. Vost. [illegible] no.6:30 Je '60.

IRAN—ELECTIONS

[illegible] Nov. vrem. 18 no.27:31 Jl '60.

IRAN—FOREIGN RELATIONS—UNITED STATES

[illegible] American agreement [illegible] no.7:121-124 Jl '60.

IRAN—HISTORY

[illegible] [Intrigues of British and American [illegible] in Iran, 1941-1947] [illegible] 1941-1947 gody. [illegible] 1959. 210 p.

[illegible] movement in the [illegible] in 1917-1920. [illegible] no.11:[illegible] '60 [illegible]

[illegible] from the history of popular [illegible] A. Danilov. Vest. [illegible]

IRAN—LAND TENURE

[illegible] village commune in modern Iran. [illegible]

IRAN—MAPS

[illegible] Moskva, [illegible] 1959 [illegible] Iran. [illegible]

IRAN—RELATIONS (GENERAL) WITH RUSSIA

[illegible] Cultural [illegible]

[illegible] Iran [illegible] '58

IRANIAN LANGUAGES—STUDY AND TEACHING

[illegible] (1917-1957). [illegible] '60

IRANIAN PERIODICALS

[illegible] Cultural [illegible]

IRAQ—AGRICULTURE

[illegible] Vest. AN [illegible] '60

IRAQ—FOREIGN ECONOMIC RELATIONS—RUSSIA

[illegible]

IRAQ—POLITICS AND GOVERNMENT

[illegible]

[illegible]

IRAQ—SOCIAL CONDITIONS

[illegible]

IRKUTSK PROVINCE—AUTOMATION

[illegible] enterprises of the Irkutsk [illegible] Mr '60

IRKUTSK PROVINCE—BIOLOGY—BIBLIOGRAPHY

"Bibliography of Irkutsk Province biology." Trans[illegible] of the [illegible] Irkutsk State University. Reviewed by [illegible] '59

IRKUTSK PROVINCE—FINANCE

[illegible] Fin. [illegible] '60

IRKUTSK PROVINCE—JUVENILE DELINQUENCY

The passport of life. [illegible] V. Simlatskaia. Mol. [illegible] Mr '60.

IRKUTSK PROVINCE—LABOR AND LABORING CLASSES

[illegible] in the Irkutsk Economic Region. V. [illegible] Mr '60

IRKUTSK PROVINCE—REGIONAL PLANNING

[illegible] of the regional planning for the Irkutsk [illegible] Arkhit SSSR no.6 [illegible] '60

IRKUTSK PROVINCE—TECHNOLOGICAL INNOVATIONS

[illegible] and automation of enterprises of the Irkutsk Economic Council. [illegible] Mekh. i [illegible] Mr '60

IRKUTSK PROVINCE—TREE TAPPING

For a further improvement of the new technology of tree tapping. A. V. Hucvich. Gidroliz. i lesokhim. prom. 13 no.2:10-10 '60

IRON

Electric properties of systems consisting of polymers and metals. B. D. Levina, K. P. Lobanova, N. A. Plate. Dokl. AN SSSR 132 no.5:1140-1143 Je '60

Study of the possibility of replacing ethyl ether with higher boiling solvents in the synthesis of ferrocene from cyclopentadienyl magnesium bromide and ferrous chloride. P. B. Sokolov, M. P. Shchebanova, V. A. Zhichkina. Zhur. ob. khim. 30 no.6:2040-2042 Je '60.

Synthesis of diferrocenyl by the Ullmann reaction. E. G. Perevalova, O. A. Nesmeianova. Dokl. AN SSSR 132 no.5:1093-1094 Je '60

Ternary system antimony – iron – sulfur (on the theory of precipitation smelting). G. G. Urazov and others. Zhur. neorg. khim. 5 no.2:410-485 F '60.

IRON—ANALYSIS

Arsenate method for the iodometric determination of aluminum and iron present simultaneously. G. B. Shakhtakhtinskii, I. A. Mamedov. Azerb. khim. zhur. no.1:45-51 '60.

Iron content of red and yellow marrow and its fat fractions. N. I. Kostin, O. A. Kozlova. Izv. vys. ucheb. zav.; pishch. tekh. no.1:135-137 '60

Rapid method of determining iron in alloys. R. B. Golubtsova. Trudy Inst. met. no.6:103-105 '60.

IRON—CLASSIFICATION

Developing a system of numerical specifications of brands of ferrous metals. M. S. Aronovich, A. S. TSukublin. Standartizatsiia 24 no.3:33-34 Mr '60.

IRON—ELECTRIC PROPERTIES

Electric conductivity of iron at high temperatures. V. S. Gumeniuk, V. V. Lebedev. Fiz. met. i metalloved. 8 no.6:847-850 D '59

IRON—HEAT TREATMENT

Effect of the speed of heating and cooling on the irreversible deformation of iron. S. I. Kovtun. Fiz. met. i metalloved. 8 no.6:930-945 D '59.

IRON—METALLOGRAPHY

Fine crystal structure of intergranular transition zones in commercial grade iron. R. S. Kosatkin, G. I. Baranskii. Fiz. met. i metalloved. 8 no.6:881-884 D '59.

Observations of the dislocation structure of commercial-grade iron grain and block boundaries. IU. A. Skakov. Izv. vys. ucheb. zav.; chern. met. no.5:85-90 '60.

IRON—TESTING

Effect of pretreating at 300° K on the mechanical properties of commercial grade iron at 77° K. I. A. Gindin. Fiz. met. i metalloved. 9 no.3:447-455 Mr '60.

IRON—THERAPEUTIC USE

Pathogenetic treatment of hypochromic anemia. V. N. Domoshir. Mat. po obm. nauch. inform. no.2:203-208 '58

IRON ALLOYS—ELECTRIC PROPERTIES

Effect of silicon on the viscosity and the electrical resistance of iron carbon alloys. B. M. Turovskii, A. P. Liubimov. Izv. vys. ucheb. zav.; chern. met. no.5:8-15 '60.

IRON ALLOYS—TESTING

Investigating binary and ternary iron and molybdenum-base alloys by means of micro thermoelectric forces. F. V. Panchenko, E. M. Streg. Izv. vys. ucheb. zav.; chern. met. no.5:177-180 '60.

IRON ALUMINUM ALLOYS—METALLOGRAPHY

Investigating the texture and anisotropy of magnetostriction in Fe-Al and Fe-Cr alloys. M. M. Borodkina, Z. N. Bulycheva, IA. P. Seliaskii. Fiz. met. i metalloved. 9 no.3:390-399 Mr '60.

Stable state occurring during ordering in work-hardened Fe_3Al alloys. IA. P. Seliaskii. Fiz. met. i metalloved. 9 no.3:472-473 Mr '60.

IRON AND STEEL BUILDING see Building, Iron and steel

IRON AND STEELWORKERS see subdivision under Elektrostal'; Stalingrad

IRON CHLORIDE

Synthesis of solid aryl diazonium salts from double aryldiazonium salts of ferric chloride. O. A. Reutov, O. A. Ptitsyna, S. I. Orlov. Vest. Mosk. un. Ser. 2: Khim. 15 no.2:47-49 Mr-Ap '60.

IRON-CHROMIUM ALLOYS—METALLOGRAPHY

Investigating the texture and anisotropy of magnetostriction in Fe-Al and Fe-Cr alloys. M. M. Borodkina, Z. N. Bulycheva, IA. P. Seliaskii. Fiz. met. i metalloved. 9 no.3:390-399 Mr '60.

IRON CHROMIUM ALLOYS—THERMAL PROPERTIES

Thermal expansion of binary iron alloys with chromium and vanadium. K. S. Pridantseva. Sbor. trud. TSNIICHM no.22:20-41 '59.

PROPERTIES

Electric properties of nichrome and iron-chromium-aluminum alloys. N.V. Semenova, N.A. Semenova. Sbor. trud. TSNIICHM no.22:248-268 '60.

IRON-CHROMIUM-SILICON ALLOYS—TESTING

Carbon solubility in iron-chromium-silicon alloys. P.V. Gel'd, M.S. Petrushevskii. Fiz. met. i metalloved. 9 no.3:473-475 Mr '60.

IRON IN THE BODY

Nonhemoglobin iron and blood protein fractions in systemic diseases of the hematopoietic system. A.G. Goldenshtel'ko. Mat. po obm. nauch. inform. no.2: 191-203 '59.

IRON INDUSTRY

Increase of electric power available to ferrous metallurgy plants. S.A. Sheidin. Prom. energ. 15 no.3:17-18 Mr '60.

IRON INDUSTRY—COSTS

Raw material base of ferrous metallurgy and cast iron costs. G.N. Chubakov. Nauch. trudy MGPI no.17:6-24 '59.

IRON MINES AND MINING

(see also subdivision under Kursk Province)

Friendship between the miners of Krivoy Rog and Mansfeld. N. Grishenko. Sots. trud 5 no.4:114-118 Mr '60.

Solid basis of metallurgy. Agitator no.11:18 Je '60.

IRON MINES AND MINING—STANDARDS

Zenkov, I. F. [Technical norms in open pit iron mines] Tekhnicheskoe normirovanie na zhelezorudnykh kar'erakh. Pod red. A. Kh. Demona. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 166 p.

IRON NICKEL ALLOYS—ELECTRIC PROPERTIES

Temperature dependence of the thermomagnetic effect of Nernst-Ettingshausen in nickel and iron-nickel alloys. R.P. Ivanova. Fiz. met. i metalloved. 8 no.6:841-850 D '59.

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Investigating the relation of saturation magnetization to the load factor of invar type iron-nickel alloys. I.N. Fedotov, V.I. Sanin. Sbor. trud. TSNIICHM no.22: 121-133 '59.

IRON NICKEL COBALT ALLOYS

New alloy for instrument parts. A.Z. Isanushkina, N.A. Solov'eva. Sbor. trud. TSNIICHM no.22:52-56 '59.

IRON NICKEL COBALT ALLOYS—HARDENING

High strength alloys with specified coefficients of thermal expansion. N.A. Solov'eva. Sbor. trud. TSNIICHM no.22:42-51 '59.

IRON ORES

(see also subdivision under Abakan region, Gornaya Shoriya, Kazakhstan, Kremenchug region, Krivoy Rog, Yakutia)

Metallurgical properties of sinters produced from Kursk Magnetic Anomaly, Krivoy Rog and Makeyevka ores. N.I. Zhilo, I.M. Frolov. Trudy Inst. met. no.5:1-7 '60.

IRON ORES—BIBLIOGRAPHY see Bibliography—Iron ores

IRON ORES—MAGNETIC PROPERTIES

Intensity of magnetization in the region of maximum magnetic susceptibility of an agglomerate and its remanence [with summary in English]. Z.I. Nekrasov, V.V. Chekin. Dop. AN URSR no.1:51-54 '60.

IRON OXIDES

Artificial drying oil, colcothar, and magnolite. N.I. Oranskii. Rab. Prim. otd. VKhO no.3:201-207 '57.

Kinetics of the reduction of iron oxides by carbon. A.A. Gavrilova. Trudy [illegible] 11:105-112 '59.

IRON-SILICON ALLOYS—METALLOGRAPHY

Formation of a cubic texture in iron-silicon alloys. Chou P'en-hsin, Wang Wei-ming, Cheng Nien-heng. Fiz. met. i metalloved. 8 no.6:805-811 D '59.

IRON TITANIUM ALLOYS see Titanium-iron alloys

IRON VANADIUM ALLOYS—THERMAL PROPERTIES

Thermal expansion of binary iron alloys with chromium and vanadium. K.S. Pridantseva. Sbor. trud. TSNIICHM no.22:29-41 '59.

IRRIGATION

(see also subdivision under Caspian Depression; Golodnaya Steppe, Tajikistan, Ukraine)

For technical progress in the water economy of our country. Gidr. i mel. 12 no.2:3-5 F '60.

Multistage basin system of irrigation with water delivery from a large reservoir. G.A. Shumakov. Gidr. i mel. 12 no.3:18-21 Mr '60.

(see also subdivision under Kura Lowland)

New machine for filling up temporary irrigation canals. M. D. [illegible] Mekh. sil'. khoz. 11 no.3:[illegible] Mr '60.

IRRIGATION FARMING see subdivision under Don Valley, Saratov Province, Ukraine

IRRIGATION LAWS see subdivision under Kirghizistan

IRSHAVA DISTRICT—SOCIAL GROUP WORK

Close contacts with collective farmers. I. [illegible] [illegible] Mr '60.

IRTYSH VALLEY—PHYSICAL GEOGRAPHY

Engineering and geological characteristics of the left bank slope of the Irtysh River in the region of its lower course. A. [illegible] '59.

ISKRYANOYE DISTRICT—HOUSING FOR PHYSICALLY HANDICAPPED

Good traditions should be developed. G. [illegible] obesp. 21 no.3:42-44 Mr '60.

ISLAMIC STUDIES

Significance of the Islamic scientific legacy. [illegible] '60.

ISMAIL HEIDAR OGLU, 1486-1524

Unknown verses of Khatai [illegible] Mirza [illegible] Izv. AN Azerb. SSR [illegible]

ISMAILLY DISTRICT—AGRICULTURE

Students help collective farms fulfill [illegible] plan. [illegible] '60.

ISOINDOLINE

Pharmacological characteristics of [illegible] dichloromethylate of N-(dimethylaminoethyl)-4,5,6,7-tetrachloroisoindoline. Report No. 2. V.M. Avakian. Izv. AN Arm. SSR. Biol. nauki 12 no.12:9-16 D '59.

ISOMERISM

Dual reaction capacity of [illegible] M. I. Kabachnik. Vest. AN SSSR [illegible] '60.

ISOMERIZATION

Physical and catalytic properties of [illegible] modified catalysts. [illegible]

ISONICOTINIC ACID

Cumulative and lethal action of [illegible] V. Ratner [illegible]

[illegible]

[illegible] Ap '60.

[illegible]

ISOPRENE

Properties of the SKI-3, new synthetic isoprene rubber. V.N. Reikh and others. Kauch. i rez. 19 no.3:1-5 Mr '60.

ISOPROPYL ALCOHOL

Dehydrogenation of alcohols at [illegible] A.A. Tolstopiatova, A.A. Balandin, V.Kh. Matyushenko. Izv. AN SSSR. Otd. khim. nauk [illegible]

ISOTOPES

Atom serves the peace. V. Frolov. Ogonek 38 no.1 Ja '60.

Isotope-containing molecules of the [illegible] 11:10-18 '59.

ISOXANTHENONE

Quantitative spot analysis of germanium with the use of phenylfluorone. D.M. Lipshits, G.K. Rubtsova. Zav. lab. 26 no.3:273-274 '60.

ISOXANTHENE

Syntheses in the series of isoxanthene derivatives. Part 1. Synthesis of dimethylisoxanthene and its [illegible] from 1,3,9-trimethylisoxanthene. Ye.S. Golovchinskaia, P.S. Chaman. Zhur. ob. khim. 30 no.6: 1873-1878 Je '60.

Syntheses in the series of isoxanthene derivatives. Part 2. Some amino acid derivatives of methylated [illegible] isoxanthene. P.S. Chaman, A.A. Cherkasova, Ye.S. Golovchinskaia. Zhur. ob. khim. 30 no.6:1876-1878 Je '60.

[illegible] compounds. Part 3. [illegible] V. [illegible] Zhur. ob. khim. [illegible] Je '60.

[illegible] DISTRICT—STOCK AND ZOO KEEPING

[illegible] Agitator no.12 [illegible]

[illegible] DISTRICT—AGRICULTURE

[illegible]

[illegible]

[illegible] M. Zernskii. [illegible]

ITALY

[illegible]

Ivanov, [illegible] Italia. [illegible]

ITALY—CAPITALISM

[illegible]

ITALY—ECONOMIC CONDITIONS

[illegible] of Italian workers. [illegible] no.8 [illegible] Jl '60.

[illegible]

ITALY—[illegible]

[illegible]

ITALY—[illegible]

[illegible]

ITALY—[illegible]

[illegible]

ITALY—[illegible]

[illegible] of Italian workers. [illegible] no.8 [illegible] Jl '60.

ITALY—[illegible]

[illegible]

ITALY—[illegible]

[illegible]

ITALY—WORKING [illegible]

[illegible]

ITALY—YOUTH

[illegible] Marii [illegible]

[illegible]

IVANOV, [illegible], 1904-

[illegible]

IVANOV, VIKTOR IVANOVICH, 1908-

[illegible]

IVANOV KRAMSKOI, A

[illegible]

IVANOVO—BOOK INDUSTRY

Twenty [illegible] Daily. M.I. [illegible] Poligr. proizv. no.2:48 F '60.

IVANOVO—BOOKBINDING

Mechanization of [illegible] the bookbinding [illegible] V.G. Ashkhgevskaia. Poligr. proizv. no.2:38-39 F '60.

IVANOVO—FLIGHT TRAINING

The pilot's [illegible] M. Lapter. Kryl. rod. 11 no.2:16 F '60.

IVANOVO—LATEX

Expand the use of latex glues. G.N. Pavlova. Poligr. proizv. no.2:39 F '60.

[illegible]

[illegible] Plant for the treatment of [illegible]

JAPAN—COMMERCE—RUSSIA
[illegible] of goods and payments [illegible] and Japan for the period of [illegible]

JAPAN—COMMUNISM
[illegible] Marxist-Leninist philosophy [illegible] [with summary in English, p. [illegible]] [illegible]

JAPAN—COOPERATIVE SOCIETIES
[illegible] Japanese cooperatives for their rights. [illegible] no.3:[illegible] Mr '60.

JAPAN—DEFENSES
[illegible]

JAPAN—DESCRIPTION AND TRAVEL
[illegible]

JAPAN—ECONOMIC CONDITIONS
[illegible]

JAPAN—[illegible]
[illegible]

JAPAN—FOREIGN RELATIONS—BURMA
[illegible]

JAPAN—FOREIGN RELATIONS—GERMANY
[illegible]

JAPAN—FOREIGN RELATIONS—UNITED STATES
[illegible]

JAPAN—LABOR AND LABORING CLASSES
[illegible]

JAPAN—MILITARY BASES, AMERICAN
[illegible]

JAPAN—MOTION PICTURE PLAYS
[illegible]

JAPAN—NEW YEAR
A New Year celebration in Japan. Masaru Arai. [illegible]

JAPAN—PEASANTRY
[illegible] in Japan 1922-1926. [illegible]

JAPAN—POLITICS AND GOVERNMENT
[illegible]

JAPAN—SOCIALISM
[illegible]

JAPAN—STONE AGE
[illegible] in the ancient [illegible]

JAPAN—STRIKES AND LOCKOUTS
[illegible]

JAPAN—STUDENT ACTIVITIES
No "act of God." Zengakuren. Vsem.stud.nov. 14 no.2: 13 13 F '60.

JAPAN—THEATER
Yoso, a theater for the people. Z.Popova. Sov.Vost. no.6:42-44 Je '60.

JAPAN—TUNNELS
Floating tunnel. Nauka i zhizn' 27 no.3:71 Mr '60.

JAPAN—TYPHOONS
No "act of God." Zengakuren. Vsem.stud.nov. 14 no.2: 13 13 F '60.

JAPAN, SEA OF—MARINE FAUNA
Diverse are gathering a harvest. Ol'ga Khitadova. Vokrug sveta no.4:45-48 Ap '60.

JAPANESE INVESTMENTS see Investments, Japanese

JAPANESE PHILOLOGY—STUDY AND TEACHING
Work of Soviet scholars in the field of Japanese language. O.P.Petrova. Uch. zap. Inst. vost. 25:111-140 '60.

JAUNDICE
Differential diagnosis of Botkin's disease and malignant neoplasms causing obstructive jaundice. I.I.Kater, A.F.Avonin. Vrach.delo no.1:61-65 '60.
Mistakes in the diagnosis of Botkin's disease and of obstructive jaundice. E.IA.Latsinik and others. Vrach. delo no.1:63-66 '60.

JAWS—DISEASES
Intramuscular injection of penicillin in acute suppurative odontogenic diseases of the maxillofacial region. [illegible] Vrach.delo no.3:200-201 Mr '60.
Morphological changes in the alveolar bone in the initial stage of paradentosis. G.N.Vishniak. Probl.stom. 4:147-152 '58.

JAYMERT, HEINRICH, 1910
People and events: [illegible] Heinrich [illegible]. Nov.vrem. 18 no.27:30-31 '60.

JEALOUSY
Children's jealousy. Z.Akhmedullina. Sem'ia i shkola [illegible] '60.

JEHOVAH'S WITNESSES
Before the tribunal of a worker's conscience. I.Lazarev. Nauka i rel. no.3:73-76 Mr '60.
Exploitation and sacrifice. E.Bartoshevich, P.Borisplolets. Nauka i rel. no.4:41-46 Ap '60.

JEJUNUM—TRANSPLANTATION
Replacement of the stomach with the jejunum in resection [with summary in English]. Iu.I.Bataev. Khirurgiia 35 no.12:70-71 D '59.

JEIRDA see subdivision under Kyzyl Kum

JET PLANES—FUEL
Jet fuels. A.M.Stoklon. Khim. i tekh. topl. i masel 5 no.3:60 Mr '60.

JET STREAM see subdivision under Mirnyy region, Antarctica

JET TRANSPORTS
TU-114 in the air. Grazhd.av. 17 no.3:6-7 Mr '60.

JETS
Theory of some principles of the performance of a gas jet injector. B.R.Noriev. Izv.vys.ucheb.zav.; neft' i gaz 3 no.1:119-127 '60.

JETS—FLUID DYNAMICS
Jet apparatus for making slag pumice. P.D.Rozovskii, A.I.Mishorin, V.A.Kolomiets. Strol.mat. 6 no.4: 17-19 Ap '60.

JEWELRY, AZTEC
An Aztec gold chest ornament; on the problem of the jeweler's art in ancient Mexico. R.V.Kinzhalov. Sbor. Mus.ant.i etn. 19:200-220 '60.

JEWS
"Tragedy of the Soviet Jews" [in French] by Leon Leneman. Reviewed by D.Borg. Vest.Inst.po izuch.SSSR no.1:184-190 Ja-Mr '60.

JEWS—POLITICAL AND SOCIAL CONDITIONS
Situation of the Jewish people in the U.S.S.R. S.I.Gol'del'man. Vest.Inst.po izuch.SSSR no.4:17-31 O-D '59.

JIMENEZ, LILIAN
Our books ("Your name, Guatemala" [in Spanish] by Lilian Jimenez, "The women of Ravensbrueck" [in German]. Book review). Zhen.mira no.9:16 '59.

JOB ANALYSIS
(see also subdivision under China)
On the problem of work classification depending on work conditions. B.Tsetlin. Biul.nauch.inform.:trud i zar.plata 3 no.6:34-40 '60.
Principles of the international classification of occupations. M.Stakhnal'ter. Biul.nauch.inform.: trud i zar. plata 3 no.2:55-59 '60.

Temporary transfer to other work. A. Epshtein Sots trud 5 no. 3:130-135 Mr '60.

A uniform nomenclature for white-collar jobs O Vechkanova Biul nauch inform trud i zar plata no 10 50-54 '59

JOHANNES XXIII, POPE, 1881-

First encyclical of Pope John XXIII. M. Sheinman. Nauka i rel. no.1:40-44 S '59.

JOINTS—DISEASES

Pathological changes in newly formed metacarpophalangeal joints following arthroplasty. E. A. Tyshchuk Trudy Len gos. nauch.-issl. inst. travm. i ortop. no. 7: 161-169 '58

Sergel', E V. [Chronic diseases of the joints, infectious arthritis, gout, chronic deforming polyarthritis) Khronicheskie zabolevaniia sustavov, infektsionnye artrity, podagra, khronicheskii deformiruiushchii poliartrit. [Leningrad] Gos izd-vo med. lit-ry. Leningr. otd-nie, 1958. 12 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Study of experimentally reproduced free intra-articular bodies ("joint mice"). V. S. Balakina, P. V Sipovskii. Trudy Len. gos. nauch.-issl inst. travm i ortop. no. 7: 17-25 '58.

JOLIOT-CURIE, FREDERIC, 1900-1958

Frederic Joliot (1900-1958) A Lacassagne Usl zhiz i zdorov 1 no 5 18-20 '59

Frederic Joliot-Curie I Konozenko Ukraina no 5 3 Mr '60

Our anniversary calendar Nauka i zhyttia 10 no. 2 63 F '60

JOURNALISM

(see also subdivision under Bulgaria; Ukraine)

Among our youth I Semenets Sov pech no 3 31-33 Mr '60

By personal example M. Luk'ianov Sov pech no 3 35 Mr '60

Facts and conclusions. I. Tiurin. Sov. pech. no. 4:45-49 Ap '60.

For a Lenin style of work. K. Sorokin. Sov. pech. no. 4,23-27 Ap '60.

High honor imposes an obligation. D. Zaslavskii. Sov. pech. no. 4,5 Ap '60.

In the main direction. R. Sokolova. Sov. pech. no. 4: 28-29 Ap '60.

Journey to friends D. Potapov. Sov pech no 3 48-49 Mr '60

Main characters. A. Stefanovskii Sov. pech no 3 34-35 Mr '60

Meetings, seminars, and lectures Sov pech no 3 50-52 Mr '60

More clearly, more poetically Aleksei Nosenko Sov pech no 3 39-40 Mr '60

Not only WHAT but mainly HOW A. Stroeva Sov. pech no 3 26-28 Mr '60

Operativeness and effectiveness. I. Portiankin. Sov. pech no. 4:21-23 Ap '60.

Skill? This includes word, thought, and deed Ol Kurin Sov pech no 3 18-20 Mr '60

Stepanov, V. P. [Promoting the Marxist-Leninist theory in newspapers, a lecture delivered at the Higher Party School attached to the Central Committee of the CPSU] Propaganda marksistsko-leninskoi teorii v gazete, lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS Moskva, Izd-vo *VPSh i AON pri TsK KPSS*, 1959, 37 p

There is in the editorial office a section that is not a part of the regular staff . T Nikonova Sov. pech no 3 49-52 Mr '60

JOURNALISM—CONGRESSES

To the round table, colleagues! S. Shatskov. Sov. pech. no. 4:59-60 Ap '60.

JOURNALISM—PERIODICALS

Promote more extensively the labor and agricultural newspaper correspondents' periodical A. Bazylev. Raspr. pech no 3 16 Mr '60

JOURNALISM, LABOR

Kriukov, M. P., and N. S. Ushatikov. [On the front line; factory newspapers in the struggle for technological progress] Na perednem krae, zavodskaia gazeta v bor'be za tekhnicheskii progress. Moskva, Izd-vo "Sovetskaia Rossiia," 1960, 30 p.

Militant organ of the collective in a tractor construction plant. S. Putiaev. Sov. profsoiuzy 16 no. 12:61-62 Je '60.

JOURNALISM, MILITARY

Forty militant years. A. Marela. M. Romanov. Sov. mor. 20 no. 12 6-7 Je '60.

Portiankin, I. A., ed. [The Soviet military press; historical essay] Sovetskaia voennaia pechat'; istoricheskii ocherk. Moskva, Voen. izd-vo M-va obor. SSSR, 1960, 417 p.

Province

JUDAISM—CONTROVERSIAL LITERATURE

In the service of imperialism. H Rusakivs'ka Nauka i zhyttia 10 no 2 52-55 F '60

JUDGING (SPORTS) see Sports officiating

JUPITER (PLANET)

Features on Jupiter and the position of its bands in 1957. V. I. TSvetkov. Biul. VAGO no. 27:20-26 '60.

JUPITER (PLANET)—SATELLITES see Satellites—Jupiter

JUSTICE, ADMINISTRATION OF

Crime and punishment. P. Skomorokhov. Moskva 4 no. 2,191-199 '60.

Let's study and disseminate progressive experience. Sov. iust. no. 2:1-4 F '60.

Session of an academic council at a factory. V. F. IAkovleva. Vest. LGU 15 no. 11:152-154 '60.

V. I. Lenin on socialist legality. V. S. Tadevosian. Sov. gos. i pravo no. 5:11-17 My '60.

JUTE see subdivision under Odessa

JUVENILE DELINQUENCY see subdivision under Irkutsk Province, United States, Ust'-Nera

JUVENILE DELINQUENCY—CASES

Your fate is in your hands! K. Dorofeev. Smena 37 no. 5 14-15 Mr '60.

KABARDINO-BALKAR A. S. S. R.—WOMEN

Striking change. N. Kalibatova. Kul't.-pros. rab. 21 no. 2:24-26 F '60.

KADIYEVKA—SEWAGE DISPOSAL

Dephenolization of waste waters from recovery plants by the "microbe method," V. N. Nenich and others. Koks i khim. no. 1:38-41 '60.

KAGAN DISTRICT—GAS, NATURAL

Light in the wilderness. IU. Tonin. Zvezda no. 2:137-145 F '60

KAGARLIK DISTRICT—REGIONAL PLANNING

Projects for regional planning in Kagarlik District of Kiev Province [with summary in English, p 66] H. O. Deleur. Visnyk ADIA URSR no 1:9-11 '60

KAKHOVKA RESERVOIR

Wave effect on water intakes IA E. Gugniaev. Vod i san. tekh no 4 31-32 Ap '60.

KAKHOVKA RESERVOIR—FRESH-WATER FLORA

Principal features of the formation of vegetation in the Kakhovka Reservoir during the three years of its existence [with summary in English]. K. K. Zerov. Ukr. bot. zhur. 17 no. 1:3-11 '60.

KALA-AZAR

(see also subdivision under Karabakh Range)

Occurrence of visceral leishmaniasis in the southern republics of the U. S. S. R. in relation to *the age of the* patients. N. A. Mirzoian. Med. zhur. Uzb. no. 11:25-27 N '58.

KALASHNIKOVA, LIUBOV' MIKHAILOVNA, 1903-1960

Liubov' Mikhailovna Kalashnikova. Kons. i ov. prom. 15 no. 7,47 Jl '60

KALININ—ELECTRIC POWER PLANTS

Automatic control and mechanization of production processes at electric power plants of the Kalinin Electric Power System M V. Gurychev. Energetik 8 no. 2,1-3 F '60

KALININ—PEAT

Simplifying the administrative structure and system of peat enterprises. IA. Khazanov. Biul. nauch. inform. trud i zar. plata 3 no. 1 16-21 '60.

KALININ—PHYSICAL EDUCATION AND TRAINING

Professional orientation in physical education G. A. Kalashnikov. Teor i prak. fiz. kul' 23 no. 6:418-421 '60.

KALININ—TEXTILE FIBERS, SYNTHETIC

Factory testing laboratory. A. I. Riabinina, V. A. Pavlovich. Khim. volok. no. 1:68 '60.

Mechanization of the unloading of sulfur at warehouses. N. N. Pestov, A. I. Mamurin, E. A. Petrov. Khim. volok. no. 1:65-66 '60.

Nine months of work under new conditions. A. I. Karneev. Khim. volok. no. 1:46-48 '60.

KALININ PROVINCE—TEXTILE INDUSTRY

Toward abundance. E. Sapunova. Sov. profsoiuzy 16 no. 10,13 My '60.

KALININGRAD—COKE OVENS

Brick lining of coke-oven doors. IA. S. Bolotin. Koks i khim. no. 1:37 '60.

Introducing progressive technology. P. Stepanko. Prof.-tekh. obr. 17 no. 3:9-10 Mr '60.

KALININGRAD—PIERS

Building precast reinforced concrete mooring structures in the Kaliningrad harbor for fishing boats. N. V. Krasov, N. I. Burin. Transp. stroi 10 no. 1:20-23 Ja '60.

KALININGRAD PROVINCE—AMBER

Kaliningrad amber. M M. Lopatin. Priroda no. 6:97-98 Je '60.

KALINKOVICHI DISTRICT—GEOLOGY, STRATIGRAPHIC

Problem of correlating sections of the Mozyr key well. V. K. Halubtsou. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 1 131-136 '60.

KALMYK A. S. S. R.—HISTORY

"350 years together with Russia" by B O. Dzhimbinov Reviewed by M IA. Popov. Prep. ist v shkole 15 no 1:115-116 Ja-F '60.

KALMYK A. S. S. R.—SAIGA

Food habits of saiga on the right bank of the Volga River [with summary in English] I. S Lebedeva Biul MOIP Otd biol 64 no 5 27-35 S-O '59.

KALUGA—GAS TURBINES

That is every engineer's duty. V. Kurguzikov. NTO 2 no. 3:30-31 Mr '60.

KALUGA—GRAIN ELEVATORS

Reconstruction of the processing tower of the grain elevator at the Kaluga Grain Milling Combine. M Prokhorov, I. Kapust'ian Muk.-elev. prom 26 no 1:24-25 Ja '60

KALUGA—JOURNALISTS

Instructive meetings. N. Aleksandrov. Sov. pech. no. 4: 53 Ap '60.

KALUGA—ODOROUS SUBSTANCES

Anticorrosion technique in the production of synthetic odorous substances B I. Shapovalenko, N. M Sviatunova, B. V. Chuvilo. Masl.-zhir prom 26 no. 4 37-41 Ap '60.

KALUGA—RESTAURANTS, LUNCHROOMS, ETC .

Competing lunchrooms in Kaluga. F. Sokolov, A. Koniakhina. Obshchestv. pit. no. 3 13-14 Mr '60.

KALUSH DISTRICT—SECTS

Come to see us, comrade reporters! Onysym Mel'nyk Ukraina no 5 19-20 Mr '60.

KAMA RESERVOIR

Dubrovin, L. I., IU. M. Matarzin, and I. A Pecherkin. [Kama Reservoir] Kamskoe vodokhranilishche. "Perm", Permskoe knizhnoe izd-vo, 1959. 160 p.

"Kama Reservoir" by L. I Dubrovin, IU. M. Matarzin, I. A. Pecherkin Reviewed by B. N. Vishnevskii. Priroda no. 6,121 Je '60.

KAMA RIVER—HYDROLOGY

Summer and fall streamflow prediction by hydrological and synoptic meteorological factors; based on a study of the Kama River . M. I. Gurevich. Trudy GGI no. 76: 14-62 '60.

KAMA VALLEY—PHYSICAL GEOGRAPHY

Geological processes forming valley slopes of the Kama and Belaya Rivers in the region of the future Lower Kama Reservoir. G. I. Tarasova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:171-178 '59.

KAMCHATKA—AIRLINES

The wings of Kamchatka. A. Petrov. Grazhd. av. 17 no 3,20-21 Mr '60.

KAMCHATKA—COOPERATIVE SOCIETIES

In the front ranks. Sov. potreb. koop. 4 no. 2:45 '60.

KAMCHATKA—HISTORICAL MARKERS

Historical markers of Kamchatka. G. Shchedrin. Ogonek 38 no. 5:28 Ja '60.

KAMCHATKA—INDUSTRIES

Competition between Kamchatka and Sakhalin. Part. zhizn' no. 13 39-43 Jl '60

KAMCHATKA—VOLCANOES

Sviatlovskii, A. E. [To the Kamchatka volcanoes] K vulkanam Kamchatki. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 99 p.

"To the volcanoes of Kamchatka" by L. E. Sviatlovskii. Priroda no. 6,122 Je '60.

KAMCHATKA—WINDS

Wind regime of Kamchatka. I. A. Kursanova. Trudy Dal'nevost. NIGMI *no 7:107-137* '59.

KAMEN'—RESTAURANTS, LUNCHROOMS, ETC

Galina Kovban from the village Kamen'. M. L'vov. Obshchestv. pit. no. 3:36-38 Mr '60.

[illegible]

[illegible] AGRICULTURE—STUDY AND TEACHING
[illegible]

[illegible]

[illegible]

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[illegible]

[illegible] WATER—COMPOSITION
[illegible]

[illegible] GEOLOGY, STRATIGRAPHIC
[illegible]

[illegible] see subdivision under Fergana Valley

[illegible] SOLAR RADIATION
[illegible]

[illegible]

[illegible] MAGNETITE
[illegible]

[illegible] of magnetite-bearing placers in [illegible]

KARA-MAZAR MOUNTAINS—GEOLOGY
[illegible] the geology of the northern part of the [illegible] M. I. Vlasov [illegible]

KARA-TAU—BRACHIOPODA, FOSSIL
[illegible]

KARABAKH RANGE—KALA-AZAR
[illegible]

KARABIL—PULMONATA, FOSSIL
[illegible]

KARABULAK—SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
[illegible]

KARADAG—MARINE BIOLOGY—RESEARCH
[illegible]

KARAGANDA REGION—OIL WELL DRILLING
[illegible]

KARAGANDA—CONSTRUCTION WORKERS
[illegible]

KARAGANDA BASIN—COAL MINERS
[illegible]

KARAGANDA BASIN—COAL MINES AND MINING
[illegible]

KARAGANDA BASIN—COAL MINING MACHINERY
[illegible]

KARAGANDA ECONOMIC REGION—COAL MINING MACHINERY—MAINTENANCE AND REPAIR
[illegible]

KARAGANDA ECONOMIC REGION—ELECTRIC POWER DISTRIBUTION
[illegible]

KARAKUL SHEEP
[illegible]

KARAKULIN, BORIS PALLADIEVICH, 1884-1942
[illegible]

KARAMAZAR MOUNTAINS—ROCKS—DENSITY
[illegible]

KARATAYKA VALLEY—GEOLOGY, STRATIGRAPHIC
[illegible]

KARELIA—APATITE
[illegible]

KARELIA—ARCHAEOLOGY
[illegible]

KARELIA—ECONOMIC CONDITIONS
[illegible]

Intergrowing of apatite and feldspar from pegmatite veins in northern Karelia [with summary in English]. I. P. Kamentsev. Vest LGU 15 no. 12:16-22 '60.

KARELIA—FORESTS AND FORESTRY
Studies on the development of forestry and lumbering in Karelia. I. V. [illegible]. Trudy Kar. fil. AN SSSR no. 19:5-75 '59.

KARELIA—HISTORY
Information on the Karelian past in prerevolutionary historical and regional literature. D. A. Balagurov. Trudy Kar. fil. AN SSSR 12:97-109 '59.

KARELIA—LUMBERING
Studies on the development of forestry and lumbering in Karelia. I. V. [illegible]. Trudy Kar. fil. AN SSSR no. 19:5-75 '59.

KARELIA—NAMES, GEOGRAPHICAL
A study of [illegible] toponymy within the territory of the Karelian Autonomous Republic. G. M. Kert. Vop. iaz. 9 no. 1:80-85 Mr-Ap '60.

KARELIA—PINE
Defectiveness of wood in spruce and pine stands of various forest types of Karelian A.S.S.R. S. P. [illegible]. Trudy Kar. fil. AN SSSR no. 19:101-105 '59.

KARELIA—REVOLUTION, 1917-1921—FOOD QUESTION
Organization and activity of the committees for the poor in Karelia. A. N. Bogdanova. Trudy Kar. fil. AN SSSR 12:38-45 '59.

KARELIA—SPRUCE
Defectiveness of wood in spruce and pine stands of various forest types of the Karelian A.S.S.R. S. P. [illegible]. Trudy Kar. fil. AN SSSR no. 19:101-105 '59.

KARELIA—TRANSPORTATION
Karelian routes and methods of transportation during the prerevolutionary period, end of the 18th to the beginning of the 20th century. R. F. Taroeva. Trudy Kar. fil. AN SSSR 22:30-51 '59.

KARELIA—WOOD-USING INDUSTRIES
The growth of labor initiative and labor activity in Karelia during the beginning of the third five-year plan. A. I. [illegible]. Trudy Kar. fil. AN SSSR 22:3-17 '59.

KARELIN, LAZAR VIKTOROVICH, 1920-
"Love and hope" by L. Karelin. Reviewed by A. Khailov. Zvezda 37 no. 2:216-217 F '60.

KARENKO, VASILII IVANOVICH
Heroic deeds of our scouts. V. Nagornyi. Voen. znan. 36 no. 6:10 Je '60.

KARPINSKY DISTRICT—COLLECTIVE FARMS—ACCOUNTING
Eliminate shortcomings in accounting for fixed assets. V. I. Chistiakov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:37-38 Mr '60.

KARST
(see also subdivision under Black Sea region)
Influence of karst upon the runoff of small rivers. A. M. Gavrilov. Izv. Vses. geog. ob-va 92 no. 3:261-263 My-Je '60.

KARYOKINESIS
Character of the distribution of mitotic figures in the Lieberkühn crypts of mammalian intestines. A. N. Zavarzin. [illegible] MOIP 10:193-200 '58.
Mitotic activity of the epithelium of the Lieberkühn crypts and the cornea in starvation and following administration of nutrient substances. A. N. Zavarzin. [illegible] MOIP 10:201-210 '58.

KASHIRA DISTRICT—COLLECTIVE FARMS—FINANCE
Financial planning during the transition of collective farms to monetary wages. A. I. [illegible]. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:19-23 Mr '60.

KATANOV, NIKOLAI FEDOROVICH, 1863-1922
Domozhakov, N. G., comp. [Nikolai Fedorovich Katanov; materials and papers] Nikolai Fedorovich Katanov, materialy i issledovaniia. Abakan, Khakasskoe knizhnoe izd-vo, 1958. 214 p.

K

One dialectic form [in Kazakh with summary in Russian]. S. Omarbekov. Vest. AN Kazakh. SSR 16 no. 3,73-77 Mr '60.

KAZAKH LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES

Kazakh S. S. R., "Letter to a friend from the East." Inform. biul. Sov podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 8-9 Jl '58.

KAZAKH MUSIC see Music, Kazakh

KAZAKHSTAN—AERIAL PHOTOGRAMMETRY

Production of maps for mountain and high-mountain area on the scale of 1:25,000. A M Danil'chev, A I Kizakov Geod i kart. no 2:10-20 F '60

KAZAKHSTAN—AGRICULTURAL MACHINERY

Creation of new machinery is being delayed A. Kamyshnikov Nar khoz Kazakh 18 no 3 63-65 Mr '60.

KAZAKHSTAN—AGRICULTURE

Brief agroclimatic characteristics of the Kazakh S. S R by the republic's natural farming zones G G Beloborodova and others Trudy KazNIGMI no 11 5-29 '59

KAZAKHSTAN—ALFALFA

Alfalfas and clover of Kazakhstan are the best forage plants. V. P. Goloskokov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1.58-72 '60.

KAZAKHSTAN—ALUMINUM INDUSTRY

Supply the aluminum industry with Kounradskiy sericite. L Zolotsev Nar khoz. Kazakh. 18 no 3 44 Mr '60.

KAZAKHSTAN—ARCHITECTURE—DESIGNS AND PLANS

Several problems of housing construction in Kazakhstan A. Mukhtarov. Nar khoz Kazakh. 18 no 3 81-84 Mr '60.

KAZAKHSTAN—ATMOSPHERIC TURBULENCE

Conditions for the development of atmospheric turbulence in the piedmont zone of southeastern Kazakhstan N F Gel'mgol'ts. *Trudy KazNIGMI no 11 152-161 '59*

KAZAKHSTAN—BOTFLIES

Recent data on the nasopharyngeal botfly Rhinoestrus *tsherryshevi Grunin (Diptera, Oestridae)* parasitic in the argali (Ovis ammon L.) [with summary in English]. K. IA. Grunin, A. A. Sludskii. Ent. oboz 39 no. 1.210-212 '60.

KAZAKHSTAN—BUILDING RESEARCH

Kazakhstan Branch A. I Minas Izv ASIA no 4 159-160 '59

KAZAKHSTAN—CLOVER

Alfalfas and clover of Kazakhstan are the best forage *plants*. *V. P.* Goloskokov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:58-72 '60.

KAZAKHSTAN—COLLECTIVE FARMS—FINANCE

Increase and correctly use undivided funds of collective farms. A Bocharov. Nar. khoz Kazakh 18 no 3 58-62 Mr '60

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

The Tenth Congress of the Communist Party of Kazakhstan Part zhizn' Kazakh 30 no 3 3-10 Mr '60

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Organizational work should contribute to the solution of new problems Part zhizn' Kazakh 30 no 3 11-16 Mr '60.

Party news Part. zhizn' Kazakh 30 no 3 78-80 Mr '60

KAZAKHSTAN—CULTURE

Cultural development of Kazakhstan [in Kazakh with summary in Russian]. R. Suleimenov. Vest. AN Kazakh. SSR 16 no. 2:64-71 F '60

KAZAKHSTAN—DROUGHTS

Connection between droughts in the south of the European part of the U. S S. R and the northern half of the Kazakh S. S. R. M. Kh. Baidal, A. S. Utešhev Trudy KazNIGMI no. 11:130-144 '59.

KAZAKHSTAN—ECONOMIC CONDITIONS

Economy of the republic in the period between congresses Nar. khoz. Kazakh 18 no. 3:12-18 Mr '60.

The Kazakh people are building communism. V. *Zatsepilin*. Ekon. Rad. Ukr. no. 1 109-111 Ja-F '60.

Lenin's ideas are undefeatable. B. Dzhumagaliev. *Nar.* khoz. Kazakh. 18 no 3 3-8 Mr '60

KAZAKHSTAN—EDUCATION, COOPERATIVE

Strengthen and develop the material base of technical education. T. Iskakov Nar. khoz. Kazakh. 18 no. 3: 70-72 Mr '60

KAZAKHSTAN—ENSILAGE—BACTERIOLOGY

Microbiology of ensilage in Kazakhstan. Sh. A. Chulakov, Vest. AN Kazakh. SSR 16 no. 2:102-103 F '60.

On the problem of studying Ephedra in Kazakhstan. L. S. Aliukina, L. K. Klyshev, R. Kunaeva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:33-46 '60.

KAZAKHSTAN—EUCOMMIA

Investigating physiological characteristics of eucommia during its acclimatization in Kazakhstan. L. F. Belosliudova. Izv. AN Kazakh. SSR. Ser. bot i pochv. no. 1:43-55 '59.

KAZAKHSTAN—EXCHANGES, LITERARY AND SCIENTIFIC

Exchange of books with foreign countries. A. K. Dubrovina. Vest. AN Kazakh. SSR 16 no. 2:107 F '60.

KAZAKHSTAN—FARM MECHANIZATION

Teach machine operators related skills. A. Isaeva. Prof. -tekh. obr. 17 no. 3:31 Mr '60.

KAZAKHSTAN—FOG

Synoptic aerological conditions of the formation of fogs according to the data of Kazakhstan T. A. Duletova and others. Trudy KazNIGMI no 11 103-121 '59

KAZAKHSTAN—GASTEROMYCETES

Tertiary relicts among the gasteromycetes of Kazakhstan. *S. R. Shvartsman*. *Izv.* AN Kazakh. SSR. Ser. bot. i pochv. no. 1 3-14 '60.

KAZAKHSTAN—GEOLOGICAL RESEARCH

Studying the natural riches of the republic. S. M. Mukhamedzhanov. Vest. AN Kazakh. SSR 16 no. 2:105-106 F '60.

KAZAKHSTAN—GEOLOGY

Setting up an interagency organizational committee on the Quaternary geology and geomorphology of Kazakhstan. N. N. Kostenko Vest. AN Kazakh SSR 16 no. 3:89-90 Mr '60.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Soveshchanie po unifikatsii stratigraficheskikh skhem dopaleozoia i paleozoia vostochnogo Kazakhstana. Alma-Ata, 1958. [Transactions of the conference on the unification of stratigraphic diagrams of the Pre-Paleozoic and Paleozoic in eastern Kazakhstan, Alma-Ata, May 12-17, 1958] Trudy. Alma-Ata, Izd-vo Akad nauk Kazakhskoi SSR.

Vol. 1. [Pre-Paleozoic, Cambrian, Ordovician, Silurian] Dopaleozoi, kembrii, ordovik, silur. 1960. 296 p.

KAZAKHSTAN—GOLD

Alkamergen' gold-bearing massif of secondary quartzites in northeastern Kazakhstan. M. P. Rusakov, T. Sraiylov. Vest AN Kazakh. SSR 16 no. 2:35-39 F '60.

KAZAKHSTAN—GRAIN—STORAGE

Give more attention to the construction of grain procurement centers F Potapov Nar khoz. Kazakh. 18 no. 3, 29-31 Mr '60

KAZAKHSTAN—HOUSING

Several problems of housing construction in Kazakhstan. A. *Mukhtarov* Nar khoz Kazakh 18 no. 3:81-84 Mr '60.

KAZAKHSTAN—HYDROLOGY

Approximate estimation of the discharge of suspended sediments by rivers flowing through the peneplain of central Kazakhstan P. F. Lavrent'ev Trudy KazNIGMI no. 11 86-89 '59.

KAZAKHSTAN—INDUSTRIAL EQUIPMENT

More on the utilization of new equipment I. Davydov, G. Raiz. Nar. khoz. Kazakh. 18 no. 3 47-49 Mr '60.

KAZAKHSTAN—INDUSTRIAL STATISTICS

Industry and construction of the republic in January, *1960*. *Nar* khoz. Kazakh. 18 no. 3,93-94 Mr '60.

KAZAKHSTAN—INDUSTRIES

Information. Nar. khoz. Kazakh. 18 no. 3:91-92 Mr '60.

The Tenth Congress of the Communist Party of Kazakhstan. Part zhizn' Kazakh 30 no 3 3-10 Mr '60.

KAZAKHSTAN—INTELLECTUAL LIFE

The first-born of the cultural three-year plan. IU. Toropkin. Prof. -tekh. obr. 17 *no. 3:24 Mr '60.*

KAZAKHSTAN—IRON ORES

Location of metasomatic iron ore deposits in northern Kazakhstan. M. A. Abdulkabirova. Vest. AN Kazakh. SSR 16 no. 2:49-59 F '60.

KAZAKHSTAN—LADYBIRDS

Morphological and taxonomic study of coccinellid larvae in southeastern Kazakhstan [with summary in English] *G. I. Savoiskaia*. Ent. oboz. 39 no. 1 122-133 '60.

KAZAKHSTAN—LEAFHOPPERS

New and little-known leafhoppers (Homoptera, Phylloidea) of Central Asia and Kazakhstan. M. M. Loginova. Trudy Vses. ent. ob-va *47:53-93 '60.*

KAZAKHSTAN—LIBRARIES

Librarians of Kazakhstan have a lot to do. P. Kovalev. Klub 9 no. 2:10-11 F '60.

Increasing the productive capacity of the meat processing industry. K. Edygenov. Nar khoz Kazakh 18 no. 3 34-35 Mr '60

KAZAKHSTAN—MINES AND MINERAL RESOURCES

Amateur geologist's page. S. Glushnev. Vokrug sveta no 4 26 Ap '60.

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES—LABOR PRODUCTIVITY

Labor productivity in nonferrous metallurgy. B. Novozhilov. Nar. khoz Kazakh. 18 no 3 25-28 Mr '60.

KAZAKHSTAN—NONFERROUS METALS

Alma-Ata. TSentral'nyi institut nauchno-tekhnicheskoi informatsii. [Leaders of nonferrous metal production in Kazakhstan] Peredoviki proizvodstva tsvetnoi metallurgii Kazakhstana. Izd. 2., ispr. Alma-Ata, 1959. 28 p.

KAZAKHSTAN—NONFERROUS METALS—METALLURGY

For a close tie between science and production. M. Sokolov, P. Kolomitskii Nar khoz. Kazakh. 18 no 3:66-69 Mr '60.

KAZAKHSTAN—PALEONTOLOGY

New paleographic bases for a paleogeography and stratigraphy for Kazakhstan. V. S. Bazhanova, B. S. Kozhamkulova. Vest. AN Kazakh. SSR 16 no 3,67-68 Mr '60.

KAZAKHSTAN—PARASITOLOGY—CONGRESSES

Scientific conference on problems in the parasitology of Kazakhstan and Central Asian republics. V IA Panin Zool. zhur 39 no. 3 478-479 '60.

KAZAKHSTAN—PHYCOMYCETES

"Coemansia almaatensis S. Swartzman sp. nova, a new fungus species" by S. R Shvartsman. Reviewed by P. N. Golovin, A. S. Bondartsev. Bot. zhur. 45 no. 3:154-155 Mr '60

KAZAKHSTAN—PLANTS—TRANSPIRATION

Transpiration of certain plants in the semidesert climate of Central Kazakhstan. S. A. Bedarov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:101-109 '60.

KAZAKHSTAN—PLANTS, ORNAMENTAL

The Alma-Ata Botanical Garden and its role in ornamental gardening in Kazakhstan K L Sushkov. Trudy Alma-At bot sada 5 93-96 '60

KAZAKHSTAN—POPLAR

Poplars of Kazakhstan. Trudy Alma-At. bot. sada 5:63-82 '60

KAZAKHSTAN—PUBLIC HEALTH

For the sake of people's health. V. Kalafuba. Nar. khoz. Kazakh 18 no 3:76-80 Mr '60

KAZAKHSTAN—REVOLUTION, 1917-1921—FOOD QUESTION

In answer to V. I. Lenin's appeal. P. Tugov. Nar. khoz. Kazakh. 18 *no* 3 *9-11 Mr '60.*

KAZAKHSTAN—RHUBARB

Bringing Kazakhstan rhubarbs into cultivation. V. P. Mikhailova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:77-88 '60.

KAZAKHSTAN—RIVERS

The river network of Kazakhstan. P. V Shkalikov. Trudy KazNIGMI no 11 90-95 '59

KAZAKHSTAN—SHRUBS

Dendrological regions of Kazakhstan. A. M Mushegian Trudy Alma-At bot. sada 5 47-62 '60.

KAZAKHSTAN—SNOW

Representativeness of station snow surveys. I I Prokharov. Trudy KazNIGMI no. 11:96-100 '59.

KAZAKHSTAN—SOAPROOT

Natural reproduction of Acanthophyllum gypsophiloides Rgl. S. B. Bespaev. Trudy Alma-At bot. sada 5:161-*163 '60.*

KAZAKHSTAN—STOCK AND STOCKBREEDING

"*Hidden potentialities* for the increase of livestock products in southern Kazakhstan." Reviewed by I. Tiutiunnikov. Nar. khoz. Kazakh. 18 no. 3:89-90 Mr '60.

KAZAKHSTAN—TEXTILE INDUSTRY

Development and technical progress of the textile industry of Kazakhstan during the seven-year plan A. -K A. Azizov. Vest. AN Kazakh. SSR 16 no. 2:11-18 F '60

Now you can see what communist labor is. G. Isachenko Part. zhizn' Kazakh 30 no. 3 55-59 Mr '60

KAZAKHSTAN—THUNDERSTORMS

Methods of predicting the *possibility of thunderstorms by* the data of vertical atmospheric soundings. R. S Golubov Trudy KazNIGMI no. 11:122-129 '59

KAZAKHSTAN—TREES

Dendrological regions of Kazakhstan. A. M Mushegian. *Trudy Alma-At.* bot. sada 5:47-62 '60.

KAZAKHSTAN—TRIANGULATION SIGNAL TOWERS

Using the E-153 excavator in the construction of complex signals. I. N. Tret'iakov. Geod. i kart. no. 1:31-32 Ja '60.

Oxidation of silver sulfide as the cause of the removal of the chloride ion from mountain river waters in central Kazakhstan. S. A. Durov and others. Izv vys. ucheb zav., geol. i razv. 2 no. 11·98-100 N '59

KAZAKHSTAN—WATER RESOURCES DEVELOPMENT

Valuable book on the water economy of Kazakhstan ("Water economy of Kazakhstan" by S. Daulenov, M. Zozulia. Reviewed by N. S. Goriunov). Gidr. i mel. 12 no. 2,60-62 F '60

KAZAKHSTAN—WHEAT—VARIETIES

Qualities of gluten and physical properties of dough made of certain wheat varieties. Kazakhstan. G. A. Kaptiushina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:106-109 '59.

KAZAN—BOTANICAL SOCIETIES

Organizing the Kazan Section of the All-Union Botanical Society. E. L. Liubarskii. Bot. zhur. 45 no. 3:463 Mr '60

KAZAN—OPERA

Welcome! N. Sadkovoi Teatr 21 no 3 164 Mr '60.

KAZAN—STOMATOLOGY

Brief news. Kaz. med. zhur. 41 no. 1:126-127 Ja-F '60.

KAZAN REGION—EROSION

New data on the erosion of upper Kazan sediments in the Kazan portion of the Volga Valley. A. Z. Tazitdinov. Trudy VNIGNI no. 20 98-106 '59.

KAZBEK, MOUNT—METEOROLOGY

They winter under the skies. G. Klevakin. Ogonek 38 no. 9 6 F '60.

KECHEK'IAN, STEPAN FEDOROVICH, 1890-

S. F. Kechek'ian's 70th birthday. Sov. gos. i pravo no. 5: 133 My '60.

KEMEROVO—COKE-OVEN GAS

Effect of the composition of coal charges on the hydrogen content of coke-oven gas. G. P. Gorovoi, M. L. Belgorodskii, G. I. Bol'shakov. Koks i khim. no. 1:12-14 '60.

KEMEROVO—COKE OVENS

Use of self-sealing doors in pitch coke ovens. L. I. Zlatin, B. K. Kretov, F. M. Panenko. Koks. i khim. no. 4:51 '60.

KEMEROVO—FERTILIZER INDUSTRY—HYGIENIC ASPECTS

Four thousand suggestions. D. Dvorovenko, R. Pinsker. Okhr. truda i sots. strakh. 3 no. 2:30 F '60.

KEMEROVO PROVINCE—FOOD—PRICES

Using all possible means for reducing the prices of food V Varenova Obshchestv. pit. no 4 47 Ap '60.

KEMEROVO PROVINCE—TECHNICAL EDUCATION

New machinery and new demands. O. Shubina. Prof.-tekh. obr 17 no. 2:9 F '60.

KEMEROVO PROVINCE—TECHNOLOGICAL INNOVATIONS

Is our solution correct? I. Solodovnikov. Izobr. i rats. no 3:25-27 Mr '60.

KEMI VALLEY—LUMBERING

Efficient utilization of lumber resources in forests of the Kemi Basin in the Karelian S. S. R. (Methods for determining the extent of principal yield cuttings, and the distribution of logging camps and woodworking enterprises). I. Z. Poluiko. Trudy Kar. fil. AN SSSR no. 10: 76-152 '59.

KENYA—POLITICS AND GOVERNMENT

Kenya struggles for its independence. IU. Ivanov. Agitator no. 7:56-57 Ap '60.

KEPLER'S EQUATION see Orbits

KERATOCONJUNCTIVITIS

Treatment of allergic keratoconjunctivitis in trachoma patients [in Azerbaijani with Russian summary]. Z. T. Kulieva. Azerb. med. zhur. no. 3:16-20 Mr '60.

KERBABAEV, BERDY MURADOVICH, 1894-

"The Nebit-Dag", a novel by Berdy Kerbabaev. Reviewed by A. Zyrin Zvezda no 3·215-216 Mr '60.

KERCH PENINSULA—IRON ORES

Utilization of Kerch deposit brown ores. N A. Gladkov, A. G. Ul'ianov. Metallurg 5 no. 3·3-4 Mr '60

KEROSENE

Structural group analysis of kerosene from Bavly Carboniferous petroleum. N. G. Amirkhanova and others Khim. i tekh. topl. i masel 5 no 2:38-43 F '60.

KESTNER, HANS

Foreign organists. Leonid Roizman. Sov. muz. 24 no. 3·130-131 Mr '60.

KETMEN' RANGE—PASTURES AND MEADOWS

Characteristics of pastures on northern slopes of the Ketmen' Range. A. N. Matiushenko, E. B. Khudaibergenov Trudy Alma-At. bot. sada 5:83-92 '60.

Addition of nitroalkanes to β, β-dimethyldivinylketone. S. S. Novikov, I. S. Korsakova, N. N. Bulatova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:132-134 '60.

Autocondensation reactions of cyclic ketones, and condensation with ammonia S V. Svetozarskii and others Zhur ob khim 30 no 6 2042-2047 Je '60

Esters of β-ketophosphonic acids. Report No. 5· Structure of the products of the interaction between certain α-halo ketones of the carbocyclic series, triethyl phosphite, and sodium diethyl phosphite. B. A. Arbuzov, V. S. Vinogradova, N. A. Polezhaeva. Izv. AN SSSR Otd. khim. nauk no. 5 832-841 My '60.

Intermediate reactions of ketones in the liquid-phase oxidation of octadecane. I. V Berezin, A M Ragimova. Dokl AN Azerb. SSR 16 no. 1 19-22 '60.

Reaction between sulfuryl chloride and beta-diketones. E. Gudriniotse and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:119-121 '60.

Synthesis of α, β-unsaturated ketones of the furan series and study of their conversions Part 3⁽ Condensation of 5-nitrofurfurole with methyl ketones Z N. Nazarova, T V Ustimenko Zhur ob khim 30 no 6 2017-2021 Je '60

KEYS AND KEYWAYS (STEELWORK)

Repairing key joints. A. I. Sharov. Stan. i instr. 31 no. 3·29-30 Mr '60.

KHABAROVSK—RESTAURANTS, LUNCHROOMS, ETC.

Identical conditions, different results. P. Gavrilovskii. Obshchestv. pit. no. 3:25 Mr '60.

KHABAROVSK—YEW

Phenological observations on Taxus cuspidata S. et Z. G. V. Senchukova. Bot. zhur. 45 no. 3·415-416 Mr '60.

KHABAROVSK REGION—CLOUDS

Conditions furthering the formation of low clouds in the Khabarovsk region. K S Sukhova Trudy Dal'nevost. NIGMI no 7:46-73 '59.

KHABAROVSK TERRITORY—COMMUNIST YOUTH LEAGUE

[Your name is Komsomol; a collection of articles and essays on the history of the Communist Youth League organizations of Khabarovsk Territory] Imia tvoe - Komsomol; sbornik statei i ocherkov iz istorii komsomol'skikh organizatsii Khabarovskogo kraia. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1958. 126 p. (40 let VLKSM)

(MIl)

KHABAROVSK TERRITORY—INDUSTRIES

Mel'nikova, G. S. [Development of heavy industry in Khabarovsk Territory] Razvitie tiazheloi promyshlennosti v Khabarovskom krae. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1957. 69 p.

(IU)

KHAKASS AUTONOMOUS PROVINCE—ARCHAEOLOGY

Kyzlasov, L. R. [Tashtyk period in the history of the Khakass-Minusinsk Basin] Tashtykskaia epokha v istorii Khakassko-Minusinskoi kotloviny. [Moskva] Izd-vo Mosk. univ., 1960. 197 p.

KHAKASS AUTONOMOUS PROVINCE—COAL

Semenov, L. V. [Coal resources of Khakassia and prospects for their utilization] Ugol'nye resursy Khakasii i perspektivy ikh ispol'zovaniia. Abakan, Khakasskoe knizhnoe izd-vo, 1959. 71 p.

KHANMEY VALLEY—GEOLOGY, STRATIGRAPHIC

Example of noncorrespondence between metamorphism and stratigraphy (Polar Urals). A. S Perfil'ev, IU E. Moldavantsev. Dokl AN SSSR 132 no 6 1395-1398 Je '60

KHARABALINSKAYA DISTRICT—CANNING INDUSTRY

Conference of the workers employed in the area supplying the Kharabali canning factory with raw products. T. F. Voronov. Kons. i ov. prom. 15 no. 7:44-45 Jl '60.

KHARAULAKH

An outline of the biology of the marmot Marmota camtschatica Pall [with summary in English]. V. I. Kapitonov. Zool. zhur. 39 no. 3,448-457 '60

KHARBEY VALLEY—GEOLOGY, STRATIGRAPHIC

Example of noncorrespondence between metamorphism and stratigraphy (Polar Urals). A. S Perfil'ev, IU. E. Moldavantsev. Dokl. AN SSSR 132 no. 6·1395-1398 Je '60

KHARKOV—ASTRONOMY—OBSERVATIONS

Astronomical observations. M. Barabashov Nauka i zhyttia 10 no. 2 22 F '60.

KHARKOV—AUTOMATION

Technological progress is the most important condition for the further growth of labor productivity. P. Miroshnykov. Ekon. Rad. Ukr. no. 1,30-38 Ja-F '60.

KHARKOV—BALLET

In search of something new. IU. Stanishevskii. Sov. muz 24 no. 3,98-99 Mr '60.

PREVENTION

Volunteer women's crews in fire fighting. N. Kostiuchenko. Pozh. delo 6·27 Je '60.

KHARKOV—CLOTHING INDUSTRY

Mobilizing potentialities for increased production IA. Cherkass Prom. koop 14 no 4 9 Ap '60

Practice in the mechanization of technological processes and in modernizing equipment. A. Z. Shatunovskii. Shvein prom. no. 1 19-20 Ja-F '60.

KHARKOV—COLLEGE AND SCHOOL JOURNALISM

A lively and interesting newspaper A IA Zil'berman. Sred. spets. obr. 7 no. 1 48-50 Ja '60

KHARKOV—CONCRETE SLABS

Making tent-type reinforced concrete roofing panels in Kharkov N Sepetyi and others. Bud. mat. i konstr. 2 no. 1 16-18 F '60

KHARKOV—DIESEL ENGINES

On the effectiveness of merging small subsidiary plants with detailed specialization to the main producing plant. V. Klochko. Nauch. dokl. vys shkoly, ekon nauki no. 1 149-152 '60.

KHARKOV—DIESEL LOCOMOTIVES

Our new socialistic obligations. A. A. Kirnarskii. Elek. i tepl. tiaga 4 no. 4:10-11 '60.

KHARKOV—EDUCATION, COOPERATIVE

Such children are not dependent on their fathers D Khmelevskoi Klub 9 no 1 14-16 Ja '60

KHARKOV—EFFICIENCY, INDUSTRIAL

"Obligatory" schedule, production plan, and dwindled millions. A. Borin. Izobr. i rats. no. 3:20-23 Mr '60.

KHARKOV—ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

On tracings and in concrete constructions. R Polons'kyi, V Rodionov Ukraina no 5 26 Mr '60

KHARKOV—EVENING AND CONTINUATION SCHOOLS

After 6 p. m L. Spektor. Ukraina no. 6 8 Mr '60

KHARKOV—INDUSTRIAL ORGANIZATION

On the effectiveness of merging small subsidiary plants with detailed specialization to the main producing plant. V. Klochko Nauch. dokl. vys. shkoly, ekon. nauki no. 1 149-152 '60.

KHARKOV—INDUSTRIAL RELATIONS

A frank conversation. G. Kudriashov. Agitator no. 7: 45-46 Ap '60.

KHARKOV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Leaders of technical progress A Bondarenko Agitator no 11 60-61 Je '60

KHARKOV—MEDICAL RESEARCH

Creators of health. T. Volyns'kyi. Znan. ta pratsia no. 3:18-19 Mr '60.

KHARKOV—RESEARCH

Contributions of our university teachers. I. Bulankin. Nauka i zhyttia 10 no. 1,56 Ja '60.

KHARKOV—RESTAURANTS, LUNCHROOMS, ETC.

In our factory lunchroom... D. Arkad'ev. Obshchestv. pit. no. 3:28-29 Mr '60.

KHARKOV—TECHNICAL EDUCATION

University of science and technology. V. Dmitrienko. NTO 2 no. 3:35 Mr '60.

KHARKOV—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

Competition in technical promotion and introduction of advanced experience. A. M. Solianik. Mashinostroitel' no. 3:25 Mr '60.

KHARKOV—TRACTORS

A remarkable tractor. Znan. ta pratsia no. 3:4 Mr '60.

Tractor and prime mover. Ukraine no. 6.3 Mr '60.

KHARKOV—TURBOGENERATORS

Some recent work of the Kirov Turbogenerator Plant in Kharkov. V. L. Ingul'tsov, M. I. Ivanova. Energomashinostroenie 6 no. 3·16 '60.

KHARKOV—VEGETABLES—STORAGE

Experience in mechanizing vegetable storage. M. Antonov, IU. Volosov. Sov. torg 33 no. 3:42-46 Mr '60

KHARKOV ECONOMIC REGION—ECONOMIC POLICY

[A regional economic council and life; from practice of industrial administration in the Kharkov Economic Administrative Region. Collection of articles] Sovnarkhoz i zhizn'; iz opyta upravleniia predpriiatiiami Khar'kovskogo ekonomicheskogo administrativnogo raiona. Sbornik statei. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1959 212 p.

SELLING

Books in the service of the new advance in agriculture T Bondar' Sov knizh torg 12 no 3 35-37 Mr '60

Fulfill the year's plan by the fifth of December! Sov knizh torg 12 no 3 6 Mr '60

KHARKOV PROVINCE—ECONOMIC POLICY

Strengthen bank connections with regional economic councils. B. Elenevich, A. Korzhanovskii. Den. i kred. 18 no. 6:43-48 Je '60.

KHARKOV PROVINCE—EGGS—PRODUCTION

For two million eggs a year! V. Sidora Ekon sel'khoz 31 no 3 60-61 Mr '60

KHARKOV PROVINCE—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Kharkov Province Ophthalmological Society for 1955-1956 I I Merkulov, N. S. Eremenko Oft zhur 12 no. 5 315-316 '57

KHARKOV PROVINCE—POULTRY HOUSES AND EQUIPMENT

Advantages of keeping chickens in a large chicken house L. Firsova Ekon. sel'khoz 31 no 3 62-65 Mr '60.

KHARKOV PROVINCE—SUGAR BEETS

Problem of the profitableness of state farms, from the experience of sugar-beet growing state farms in Kharkov Province L. Klets'kyi, P. Shepeliev. Ekon. Rad. Ukr. no 1·62-67 Ja-F '60.

KHARKOV PROVINCE—WHITEFISH

Histological analysis of the winter and spring-summer periods in the development of the gonads of Lake Peipus *whitefish in waters of Kharkov Province* [with summary in English]. O M Bezkrovnyi, O A. Sukachova Dop AN URSR no 2·214-217 '60.

KHARUZHAIA, VERA

I am proud of my mother. A. Kharuzhaia. Rab. i sial. 36 no. 2:7 F '60.

Our country is proud of her. V. Khmialeuskaia. Rab. i sial. 36 no. 2:5-6 F '60.

KHATAI, pseud see Ismail Geidar Oglu, 1486-1524

KHENKIN, VLADIMIR IAKOVLEVICH, 1883-1953

With and without make-up Argo Teatr 21 no 3 137-141 Mr '60

KHERSON—COTTON SPINNING—TECHNOLOGICAL INNOVATIONS

New rights bring many obligations. A. Zemliankina. NTO 2 no. 4·28-29 Ap '60.

KHERSON PROVINCE—BRICKMAKING

Kilning bricks using liquid fuels. H. Fohel'. Sil'. bud. 7 no. 5:13 My '57.

KHERSON PROVINCE—CITY PLANNING

We are building new state-farm villages. IE. Bukin. Sil'. bud. 10 no. 6·3-4 Je '60.

KHIBINY MOUNTAIN REGION—INDICATOR PLANTS

Relation of landscape to the geological structure in the Khibiny Tundra. N. N. Karpov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:205-208 '59.

KHIRATSUKA, RAITSE, 1886-

Raitse *Khiratsuka was a victim of* injustice even as a child. Tomi Kobaiasi. Zhen. mira no. 12·17-18 '59.

KHMELEVKA—MILITARY EDUCATION

School of technicians L. Rusin Voen znan. 36 no 6· 3-4 Je '60.

KHMELNIK—HEALTH RESORTS, WATERING PLACES, ETC.

Khmelnik, the balneological and mud resort of the Ukraine G A Novitskii Vrach. delo no 4 427-429 *Ap '60.*

KHMEL'NITSKII, BORIS MOISEEVICH, 1885-1959

In memory of B. M. Khmel'nitskii. Probl. tub. 37 no. 8· *107-108 '59.*

KHMEL'NITSKIY PROVINCE—RURAL CONDITIONS

Combined expedition to Lyesovody, a collective farm village. Dm. Kosaryk. Nar. tvorch. ta etn. 3 no. 4: *161-162 O-D '59.*

KHMEL'NITSKIY PROVINCE—SUGAR INDUSTRY

Modernization and reconstruction of sugar factories in the Khmel'nitskiy Province are proceeding according to plan. A. P. Sharko. Sakh. prom. 34 no. 3.5-7 Mr '60.

KHODZHAEV, ALIM

Alim Khodzhaev. A. Tiumeneva. Uzbekiston. 18 no. 8·22 Ag '59.

KHOLUY—MUSEUMS

Museum in a village. A. Reinev. Prom. koop. 14 no. 4: 27 Ap '60.

KHOREZM PROVINCE—INFLUENZA

Some problems in the organization of control measures for virus influenza in Khorezm Province. I. A. Abdullaev, K. S. Zairov, V. T. Ligvankhva. Med. zhur. Uzb. no 5 50-52 My '58.

KHOSTY—COOKING SCHOOLS

Culinary art in a school program. P. Zakharevskii. Obshchestv. pit. no. 3:51-52 Mr '60.

KHOTIN DISTRICT—REVOLUTION, 1917-1921

History of a propaganda leaflet T Tymoshchuk Ukraina no 6 6 Mr '60

KHRAMI RIVER—HYDROLOGY

Method of long-range forecasting of spring high-water discharge of the Khrami River. V. N. Rukhadze. Trudy Tbil. NIGMI no 5·177-181 '59.

KHRAMI VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the upper Cretaceous vulcanogenic and carbonate formations of the Lokskiy and Khrami massifs. R A. Gambashidze. Soob AN Gruz SSR 23 no. 5 553-559 N '59

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

[Happiness and peace for the people; visit of the Chairman of the Council of Ministers of the U.S.S.R. N. S. Khrushchev to India, Burma, Indonesia, and Afghanistan, February 11-March 5, 1960] Schast'e i mir narodam; prebyvanie Predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva v Indii, Birme, Indonezii i Afganistane, 11 fevralia - 5 marta 1960 g. Moskva, Gospolitizdat, 1960. 349 p.
(DS)

Let's have fewer nightingales and more bees. Louis Saillant. Vsem. prof. dvizh. no. 5:1-2 My '60.

N. S. Khrushchev, honorary coal miner. Sov. profsoiuzy 16 no. 8.9 Ap '60.

N S Khrushchev in France Sov Soiuz no. 4·1 '60

[N. S. Khrushchev's visit in Tula and Tula Province, February 16-19, 1959] Prebyvanie N. S. Khrushcheva v Tule i Tul'skoi oblasti, 16-19 fevr. 1959. goda. [Tula] Tul'*skoe knizhnoe izd-vo, 1959. 115 p.*
(MH)

Our strength lies in friendship and brotherhood. Ogonek 38 no. 18·2-4 My '60

People welcome the messenger of peace. E. Mikhailov. Sov. pech. no. 4:38-41 Ap '60.

Using materials of N. S Khrushchev's visit to the United States in teaching social sciences. K. I. Illarionov. Sred. spets. obr. 7 no. 1.6-10 Ja '60.

Visit of friendship and peace; N. S. Khrushchev in France. Sov. Soiuz. no. 5:2-33 '60.

KHRUSHCHEV IN LITERATURE AND ART

Inspiring motion picture V. Kuznetsov. Mystetstvo 7 no 1 4-5 Ja-F '60

KHUDIAK, MARK MATVEEVICH, 1899-1959

M. M. Khudiak; obituary. Soob. Gos. Erm. no. 16:73-74 '59.

KHVEISENIA, DMITRII VASIL'EVICH, 1895-1957

D. V. Khveisenia; obituary. Zdrav. Belor. 3 no. 10:80 O '57.

KIDNEYS

Excretion of dysentery antigen by the kidneys. A. E. Reznik. Kaz. med. zhur. 41 no. 1:64-71 Ja-F '60.

Kidney function in patients with chronic diseases of the liver and gall bladder. L S. Kvint. Zdrav. Belor. 6 no 2·26-27 F '60.

Kidney function test based on the use of sodium para-aminosalicylate (PAS) [with summary in French]. G. P. Rozengol'ts. Probl. tub. 37 no. 8 64-71 '59.

Localization of the action of desoxycorticosterone in the *nephron of the mammalian kidney* IU. V. Natochin, T. V. Krestinskaia, A. A. Bronshtein. Dokl. AN SSSR 132 no. 5·1177-1178 Je '60

Synthesis of amino acids from keto acids and ammonium salts in rat kidneys [with summary in English]. I. N. Piatnitskaia. Biokhimiia 25 no. 1:86-89 Ja-F '60.

KIDNEYS—BLOOD SUPPLY

Intraorgan changes in the renal vessels following ligation of the ureter. M. IA. Tatishvili. Soob. AN Gruz. SSR 23 no. 6·741-744 D '59.

KIDNEYS—DISEASES

Contribution to the study of the developmental cycle of the nematode Dioctophyme renale (Goeze, 1782), a kidney parasite of carnivorous mammals and *man.* E. M. Karmanova. Dokl AN SSSR 132 no. 5:1219-1220 Je '60.

Preventive effect of prolonged sorbitol administration in choline deficiency [with summary in English]. L. A. Cherkes, A. A. Dinerman. Biokhimiia 25 no. 1:102-105 *Ja-F '60.*

Study of the proteins of the renal medullary substance in normal rabbits *and in rabbits with* experimental nephritis [with summary in English] B. L. Rubenchyk. Ukr. *biokhim. zhur.* 32 no. 1.44-53 '60.

Vascular reactions in kidney diseases. L. I. Lazarenko. Med. zhur Uzb. no. 6 50-54 Je '58.

Resection of the pole of the kidney in tuberculosis. L. M. Grinshpan Zdrav Belor 6 no 2·63-64 F '60

KIDNEYS—TUMORS

Kidney tumors in children. A. V. Gabai. Kaz. med. zhur. 41 no. 1.46-51 Ja-F '60.

KIEV—BALLET

Shortcomings of a ballet performance. V. Neradenko. Nar. tvorch. ta etn. 3 no. 4:166 O-D '59.

KIEV—BOILERS

Full automatic control. N. Skvortsov. Zhil.-kom. khoz. 10 no. 3:32-33 '60.

KIEV—CHEMICAL RESEARCH

For the production of synthetic materials. K. Kornev. Nauka i zhyttia 10 no. 1.12 Ja '60.

KIEV—COMMUNITY CENTERS

Opera on a club stage IA. Marynovych Sots. kul't 11 no 3 32 Mr '58

KIEV—CONCRETE SLABS

Making ceiling panels at Kiev plants M. Stoliarevych Bud. mat. i konstr 2 no. 1 3-6 F '60.

KIEV—*DEAF*

Frequency of paradontosis among deaf-mutes in Kiev. Report No. 1. I. O. Novik, N. F. Danilevskii, E. V. Levitskaia. *Probl. stom.* 4·205-208 '58.

KIEV—DOMES

Precast reinforced concrete circus dome. V. Narizhnyi Stroi. i arkhit. 8 no. 3 14-15 F '60

KIEV—EDUCATION, PRESCHOOL

We should always care for mothers and their children. P. Hrudina. Doshk. vykh. 21 no. 3:6-9 Mr '60.

KIEV—ELECTRIC UTILITIES

Organization at the Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S.S.R. of a group to study the use of computer equipment in the power systems of the Kiev Power Administration. Dop AN URSR no. 2.233 '60.

KIEV—ELECTRONIC CALCULATING MACHINES

Mechanization of engineering calculations at computing centers P. M. Sonts. Stroi mekh i rasch soor 3 no. 3 45-50 '60

KIEV—FIRE ENGINES

Improving vacuum systems. N. Fedorov. Pozh. delo 6:28 Je '60.

KIEV—HISTORY

Akademiia nauk URSR, Kiev. Instytut istorii. [History of Kiev] Istoriia Kyieva. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 1 v.
(CU)

'KIEV—MACHINERY INDUSTRY

If light is needlessly on, our state suffers a loss. G. Tazov. Agitator no. 5:44-46 Mr '60.

KIEV—MICROBIOLOGICAL RESEARCH

Effective preparations. V. Drobot'ko. Nauka i zhyttia 10 no. 1:20 Ja '60.

KIEV—MINING RESEARCH

There they create the technology of the seven-year plan. V. Brun'ko. Znan. ta pratsia no. 3:20-21 Mr '60.

KIEV—NUCLEAR REACTORS

We have put into operation a nuclear reactor in Kiev. Ukraina no 5:3 Mr '60.

KIEV—PAVEMENTS, CONCRETE

Constructing and repairing asphalt concrete pavements in Kiev. B. Vil'ner and others. Zhil.-kom. khoz. 10 no. 4:27-28 '60.

KIEV—POTTERY

Clay miles. V. Il'in. Sov. Soiuz no. 2:28-29 '60.

KIEV—PRECAST CONCRETE CONSTRUCTION

Factory-made products and materials for Kiev construction sites. B. L. Rybchinskii. Stroi. mat. 6 no. 3.7-12 Mr '60.

KIEV—PRINTING INDUSTRY

Our practices in saving electric power and non-ferrous metals. A. Prokhovnik. Poligr. proizv. no. 4:24 Ap '60.

KIEV—RADIOBROADCASTING

Attention, this is Kiev speaking! V. Nuzhnyi. Sov. pech no. 3·37-38 Mr '60.

KIEV—RELIGION

Atheists of Kiev. A. Okorokov. Nauka i rel. no. 4 76-77 Ap '60.

KIEV—SCALES (WEIGHING INSTRUMENTS)

Automatic scales for vegetable oil. S. A. Avakov. Masl.-zhir. prom. 26 no. 3:36 Mr '60.

And where is the lobby? I. Vlasenko, V. Sabaldyr. Znan. ta pratsia no. 3:28-29 Mr '60.

KIEV—TELEPHONE DIRECTORIES

Kiev. Gorodskaia telefonnaia set'. [List of subscribers to the Kiev telephone service; as of October 10, 1945] Spisok abonentov Kievskoi goroskoi avtomaticheskoi telefonnoi stantsii. Po sostoianiiu na 10 oktiabria 1945 goda. [Kiev] Izd-vo Direktsii Kievskoi gorodskoi telefonnoi seti [1945] 88 p.
(MH)

KIEV—THEATERS

Kiev. Derzhavnyi akademichnyi teatr opery ta baletu URSR. [T. H. Shevchenko State Theater of Opera and Ballet of the Ukraine] Derzhavnyi ordena Lenina akademichnyi teatr opery ta baletu Ukrains'koi RSR im. T. H. Shevchenka. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 1 v.

KIEV—WATER—CHLORINATION

Is ammonification necessary in the chlorination of artesian waters? S. A Brind, G S. Girenko, O L Shapiro Vod. i san tekh no. 4:32-33 Ap '60

KIEV—YEAST

At the Kiev yeast factory. N. G. Kolosov. Khleb. i kond. prom. 4 no. 3:36-38 Mr '60.

KIEV PROVINCE—AGRICULTURE

Kosolapov, N. L. [Competition between two provinces] Sorevnovanie dvukh oblastei. [Moskva] Mosk. rabochii, 1959. 75 p.
(DA)

KIEV PROVINCE—GUMS—DISEASES

Frequency of paradentosis among the rural population of Fastov and Brovary Districts of Kiev Province. A. I. Marchenko, N. G. Karpenko, A. S. Shcherbina. Probl. stom. 4:201-204 '58.

KIEV PROVINCE—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Kiev Province Ophthalmological Society for 1956. I. Korenevich, L. Ustimenko. Oft zhur. 12 no. 5 317-319 '57.

Work plan of the Kiev Province Ophthalmological Society for 1957. I. Korenevich, L. Ustimenko Oft. zhur. 12 no. 5:319 '57.

KIEV PROVINCE—SANATORIUMS

Effectiveness of treating patients with cardiosclerosis in the "Koncha-Zaspa" clinical sanatorium. D. I. Vizir, N. D. Fesenko Vrach delo no 1:13-17 '60.

KIIK-KOBA (CRIMEA)—NEANDERTHAL RACE

Development of the hand in the process of anthropogenesis; place occupied by the Kiik-Koba findings among Neanderthal forms. V. P. Alekseev Trudy Inst ent. 50:179-209 '60

KIIN-KERISH MOUNTAIN—PALEOBOTANY

Flora of the northern Zaysan series of Kiin-Kerish Mountain. E. V. Romanova. Vest. AN Kazakh. SSR 16 no. 2:97-99 F '60.

KILNS

Changing the designs of tunnel-kiln valves Rats. i izobr predl. v strol. no 14:53-54 '60.

Experimental checking of the motion of kilned material in shaft furnaces. A. I. Mochalov. Stroi. mat. 6 no. 4:38-39 Ap '60.

How to construct kilns. I. Zaika. Sil'. bud. 10 no. 3:21-22 Mr '60.

Over-all mechanization and automatization of the heat treatment of ceramic stones (comments on M. I. Rogovyi's and D. O. Konovalov's article) Stroi mat. 6 no 3:25-27 Mr '60.

ILNS—MAINTENANCE AND REPAIR

Causes of the early destruction of annular kilns. M I. Rogovoi. Stroi. mat. 6 no. 2·17-18 F '60

ILNS, ROTARY

Erecting a 4.5x170 m rotary cement kiln. I. T. Chumadin. Mont. i spets. rab. v stroi. 22 no. 3:1-4 Mr '60.

Laying grooved linings in rotary kilns. S. N. Rabinovich. TSement 26 no. 2:20-21 Mr-Ap '60.

Rotary kiln for burning keramzit in laboratories. N. A. Kolesnikova. Stroi. mat. 6 no 6·37 Je '60

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Regulations SN 64-59 on carrying out lining operations in rotary cement-burning kilns] Instruktsiia po proizvodstvu futerovochnykh rabot vo vrashchaiushchikhsia tsementnoobzhigatel'nykh pechakh; SN 64-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 68 p.

Single half-period feeding system for electric filters for purifying stack gases in rotary kilns. S. N. Rabinovich. TSement 26 no. 2:20-21 Mr-Ap '60.

Thermal balance of rotary kilns for kilning keramzit. P. I. Berenshtein. Stroi mat. 6 no. 2 12-14 F '60

NDERGARTEN

Culture and tact. Doshk. vykh. 21 no. 3:44-45 Mr '60.

Preparing older kindergarten children for handwriting instruction N. Baturina. Doshk. vykh. 21 no. 3·28-33 Mr '60.

Teaching older kindergarten children to behave as cultivated people do. S. Kryzhanivs'ka. Doshk. vykh. 21 no. 3·26-28 Mr '60.

Teaching to behave as cultivated people do. K. Voropaieva. Doshk. vykh. 21 no. 3 18-22 Mr '60.

KINDERGARTEN—MUSIC

How is it in your kindergarten? S. Gukasian. Sem'ia i shkola 15 no. 3;28 Mr '60.

KINDNESS

A sympathetic person. L. Sashin. Okhr. truda i sots. strakh. 3 no. 4 64 Ap '60

KINEMATICS

Infinitely free mechanical systems. V. I. Kirgetov. Prikl. mat. i mekh 24 no. 1·39-46 Ja-F '60.

Some ties with friction. N. G. Chetaev. Prikl. mat. i mekh. 24 no. 1:35-38 Ja-F '60.

KIRGHIZ LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Kirghiz S. S. R. "Frunze speaks." The periodicals "Ala Too" and "Literaturnyi Kirgizstan." Inform biul. Sov. podgot. kom. po sozyvu konf. pis. stran Azii i Afr. 14-15 Ag '58.

KIRGHIZISTAN—DAMS

Results of hydraulic investigation of the dam across the Kugart River in connection with its reconstruction. V. N. Sholokhov, N. F. Tushmanov. Trudy SANIIRI no. 97:3-16 '59.

KIRGHIZISTAN—DISCOVERY AND EXPLORATION

"Studies on the history of geographical discoveries and explorations" by S. Umurzakov. Reviewed by E. M. Murzaev. Izv. AN SSSR. Ser. geog. no. 3·148 My-Je '60.

KIRGHIZISTAN—ECONOMIC POLICY

Dikambaev, K D. [Kirghizistan in the seven-year plan] Kirgiziia v semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1960. 77 p.

KIRGHIZISTAN—FINANCE

As the result of improving economic analysis. A. Panychev. Fin. SSSR 21 no. 6,62-64 Je '60.

KIRGHIZISTAN—INDUSTRIES

Esipov, N. S. [Industry of Kirghizistan] Promyshlennost' Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1957. 163 p.

KIRGHIZISTAN—IRRIGATION LAWS

Ilebaev, Ulchuman. [Irrigation laws of the Kirghiz S. S. R., a brief study] Pravo sel'skokhoziaistvennogo vodopol'zovaniia v Kirgizskoi SSR, kratkii ocherk. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 102 p

Rules of law should be tested by practice ("Irrigation laws in the Kirghiz S. S. R."; brief study by U. Ilebaev. Reviewed by S. Baisalov). Sov. gos. i pravo no. 5:142-144 My '60.

IRGHIZISTAN—MOTH FLIES

Biological and ecological characteristics of different moth fly species in Kirghizia [with summary in English] I A Tarvit-Gontar' Zool. zhur. 39 no. 3;399-406 '60

KIRGHIZISTAN—RED CROSS

Public opinion is a great force. IU. Mal'chikov. Sov. kras. krest 10 no. 1:19 Ja-F '60.

KIRGHIZISTAN—SUGAR BEETS

Causes of the decrease in the saccharinity of beets in Chuyskaya dolina. V. A. Ochoretinnyi. Sakh. prom. 34 no. 3:52-54 Mr '60.

KIRGHIZISTAN—THEATER

A year after the ten-day festival (in the dramatic theaters of Kirghizistan). I. Romaneeva Teatr 21 no 3, 104-111 Mr '60.

KIRICHENKO, ALEKSANDR NIKOLAEVICH, 1884-

On Professor A. N. Kirichenko's 75th birthday. M. M. Loginova. Ent. oboz. 39 no. 1:231-233 '60.

KIROV DISTRICT—SHEEP

The tale of a shepherd. K. Kistaubaev. Agitator no. 8:62 Ap '60.

KIROV GULF—WATER RESOURCES DEVELOPMENT

State of the Kirov and Agrakhan Gulfs in connection with their reclamation [as commercial fishing grounds] following the lowering of the sea level. V. A. Sabir Trudy Okean. kom. 5:376-380 '59.

KIROV PROVINCE—AGRICULTURE

Order of Lenin is a summons to great deeds. P. Syrtseva. Kul't.-pros. rab. 21 no. 3;18 Mr '60.

KIROV PROVINCE—MITES

Grain mites occuring in meadow formations [with summary in English]. S. V Sorokin Zool. zhur. 39 no. 3 356-364 '60.

KIROV PROVINCE—PEAT

Deep drying of peat deposits. V. F. Mitin. Torf. prom. 37 no 1·12-15 '60.

KIROVABAD—INSTRUMENT INDUSTRY

The great spring. IA. Gik. Ogonek 38 no. 17:12-13 Ap '60

KIROVOGRAD PROVINCE—ADULT EDUCATION

Popular university. O. Hornyts'ka Sots. kul't 13 no 2 18-19 F '60

KIROVOGRAD PROVINCE—AGRICULTURAL LABORERS—MEDICAL CARE

Our experience in giving medical aid in the field. D. A. Vasilenko Fel'd. i akush. 25 no 3 47-48 Mr '60.

KIROVOGRAD PROVINCE—SOCIALIST COMPETITION

Korolenko, L. L., and N. M. Vesna. [Aleksandr Gitalov's school] Shkola Aleksandra Gitalova. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 35 p.

KISEL, ALEKSANDR ANDREEVICH, 1859-1938

A. A. Kisel' and his role in the development of concepts on tuberculosis in children. M. P Pokhitonova. Probl tub 37 no. 8:97-103 '59.

KISELEV, PETR NIKOLAEVICH

In step with life. B. I. Umanskii. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:42-44 Mr '60.

KISELINCHEV, ASEN KHRISTOV, 1905-1960

A. Kh. Kiselinchev; obituary. Vop. psikhol. 6 no. 1:190 Ja-F '60.

KITAB—ASTRONOMICAL OBSERVATORIES

Latitude service. A M. Kalmykov Nauka i zhizn' 27 no 3 44-46 Mr '60

KITCHEN UTENSILS

New kitchen utensils. IU. Krasnov. Obshchestv. pit. no. 4,58-60 Ap '60

Potato grating machine. V. Stepanov. Obshchestv. pit. no. 3:42 Mr '60.

KIZAK VALLEY—GEOLOGY, STRATIGRAPHIC

Age of continental sediments in the Kizak Valley (Tyumen' Province). V. V. Gribkov. Trudy VNIGRI no. 140:160-177 '59.

KIZEL—COAL MINES AND MINING—LABOR PRODUCTIVITY

Mining operating procedure and labor productivity. N. Novoselov. Sots. trud 4 no. 12,123-124 D '59.

KIZIL KUM see Kyzyl Kum

KIZNER—GRAIN ELEVATORS

Workers of the Kizner Grain Procurement Station have assumed the name of the Group of the Communist Labor. A Stepanov, V. Dubrovin. Muk.-elev. prom. 26 no. 2 5-6 F '60.

KLIN—TEXTILE MACHINERY

Effectiveness of the method of doffing yarn on twisters at different times. M. N. Beilitsin. Khim. volok. no. 1:60-61 '60.

KLINTSEVO—VOCATIONAL EDUCATION

Reorganization of instruction in technical schools. D. K. Laptev. Sred. spets. obr. 7 no. 3 17-19 Mr '60.

KLYSTRONS

Investigation of the fluctuation of oscillations of a klystron generator. V. N. Nikonov Izv. vys ucheb. zav., radiofiz 2 no. 6 915-926 '59.

KNEE

Influence of anesthesia and stimulating drugs on the contracture of the knee joint in immobilization. E. M. Lebedeva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7;139-146 '58.

KNEE—WOUNDS AND INJURIES

Late results of treatment for injury to the meniscus of the knee joint. N. I. Medvedeva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7;120-128 '58.

KNIT GOODS

Novodorezhkin, P. I., S. S. Palladov, and I. A. Ter-Ovakimian. [Clothing and knit goods] Tovary shveinye i trikotazhnye. Moskva, Gos. izd-vo torg. lit-ry, 1959. 344 p.
(CU)

KNITTING

Gal-Gulina, Z. S. [Knit for children] Sviazhite dlia detei. Izd. 2. Moskva, Vses. koop. izd-vo, 1960. 86 p.

KNITTING MACHINES

Modernization of automatic two-process circular hosiery knitting machines. V. A. Sharova. Tekst. prom. 20 no. 2·42-44 F '60.

Outstanding looper operator. N. S. Solov'eva. I. I. Bobrovskaia, L. F. Gromyshev. Tekst. prom. 20 no. 2:67 F '60.

New design of eye rings for ropes. B. Dimkov. Vest. mash. 40 no.3:28-30 Mr '60.

KNOTWEED

Akademiia nauk Uzbekskoi SSR, Tashkent Institut botaniki [Polygonum coriarium Grig] Taran dubil'nyi (Polygonum coriarium Grig) Pod red. V P. Drobova. Tashkent, Izd-vo Akad nauk Uzbekskoi SSR, 1959 181 p

KNOWLEDGE, THEORY OF

Basic formal logical laws *of thought and their cognitive* role. A. A. Chikpaverova. Nauch. dokl. vys. shkoly, filos nauki 3 no.1:73-81 '60.

Hegel, Georg Wilhelm Friedrich [Works Translated from the German] Sochineniia Moskva, Izd-vo sotsial'no-ekon lit-ry
    Vol. 4. [System of sciences] Sistema nauk
        Pt 1. [Phenomenology of mind] Fenomenologiia *dukha 1959 438 p*

Narskii, I. S. [Some problems in the dialectics of knowledge in K. Marx's "Capital"] Voprosy dialektiki poznaniia v *"Kapitale" K Marksa [Moskva]* Izd-vo Mosk. univ., 1959 41 p

KNOWLEDGE, THEORY OF (RELIGION)

Reactionary nature of the present-day theory of the "knowledge of God." I. K. Noskov. Nauch dokl. vys. shkoly, filos. nauki 3 no.1:145-152 '60.

KOCH, ROBERT, 1843-1910

Robert Koch. Hilaire Cuny. V zashch. mira no. 3:47-55 Mr '60.

Robert Koch. N. Zhukov-Verezhnikov. Sov. Soiuz. no.5: 40-41 '60.

KOCHERGA, IVAN ANTONOVICH, 1881-1952

The best name in the world Roman Tereshchenko Ukraina no 5 24 Mr '60

KODAR MOUNTAINS—GLACIERS

Glaciers of Kodar. I Timashev. Vokrug sveta no. 4: *33-34 Ap '60*

KOK-SAGHYZ

Changes in the carbohydrate and nitrogenous substances content of different kok-saghyz types during their development. A. *P Shikina*. Izv. AN Kazakh. SSR Ser. bot. i pochv. no. 1 36-42 '59.

KOKCHETAV PROVINCE—GRAIN ELEVATORS

We have increased the productivity of our grain drying and cleaning tower. M TSepliaev. *Muk.-elev. prom.* 26 no.1 29 Ja '60.

KOLA PENINSULA—CHRYSOLITE

Olivine in ultrabasic and basic rocks on the Kola Peninsula [with summary in English] E. N Eliseev, G I. Kavardin, B A IUdin. Vest LGU 15 no 12 5-14 '60

KOLA PENINSULA—FOREST LITTER

Estimating the yearly amount of organic matter shed by trees in two types of pine forests on the Kola Peninsula. V. I. Levina Bot. zhur. 45 no.3 418-423 Mr '60

KOLA PENINSULA—PEGMATITES

Ratio between the thallium and rubidium content *of minerals* from pegmatite veins of the Kola Peninsula according to the data of spectrum analysis [with *summary* in English]. T. F. Borovik-Romanova, A. F. Sosedko. Geokhimiia no.1:31-36 '60.

KOLCHIN, PAVEL

The Kolchins are on the mark. V. Viktorov. Sov. Soiuz *no. 2:40-41 '60.*

KOLKHOZES see Collective farms

KOLOMNA—DIESEL LOCOMOTIVES

Our experience in transferring to a seven-hour workday. V. Gorshkov. Sov. profsoiuzy 16 no.8:40-42 Ap '60.

KOLOMNA—DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS

Engineers - innovators of the seven-year plan. A. Gusev. Mashinostroitel' no. 3:34-35 Mr '60.

KOLOMNA—FOREMEN

"Our group leader is our propagandist." V. Shebanov. Agitator no.5 48-49 Mr '60.

KOLPINO (LENINGRAD PROVINCE)—STEEL INDUSTRY

A series of achievements V Stashkevich *Part zhizn'* no 12 42-45 Je '60.

KOLTUBAN REGION—ALGAE, FOSSIL

Find of the alga Epiphyton in upper *Devonian deposits of* the Southern Urals. M. A Voshchakin. Paleont zhur no 4:146-148 '59.

KOMAR, ANATOLII NIKOLAEVICH, 1909-1959

A. N Komar, outstanding scientist and architect A V. *Dobrovol'skii.* Izv. *ASiA* no. 4 171-172 '59

Problems concerning comprehensive utilization of natural resources in the Komi A.S.S.R. V. A. Vitiazeva. Izv AN SSSR. Ser. geog. no 3 55-61 My-Je '60.

KOMI A S S. R —WOOD—CHEMISTRY

Shakhrai, F. V. [Ways of developing wood chemistry in the Komi A.S.S.R.] Puti sozdaniia lesokhimii v Komi ASSR. Syktyvkar, Komi knizhnoe izd-vo, 1959. 21 p.

KOMISSARZHEVSKAIA, VERA FEDOROVNA, 1864-1910

Example of inspiring service to the people; on the 50th anniversary of V F Komissarzhevskaia's death A Al'tshuller Zvezda no 2:173-177 F '60

KOMMANDER ISLANDS

A far corner of the country F. Fartusov Sov Soiuz no 4 36-37 '60.

KOMOV, PAVEL TIMOFEEVICH, 1893-1959

P. T. Komov, obituary Zdrav Belor 6 no 2 77 F '60.

KOMZON, I.

"This is really happiness" by I. Komzin. Reviewed by I Beterchtina. Zvezda no 2:216 F '60

KONOBEYEVO—COMMUNITY CENTERS

Rural school of culture. D. Ionov. Kul't.-pros rab. 21 *no. 2 14-16 F '60.*

KONOTOP DISTRICT—SONGS, UKRAINIAN

Folklore versions of a Soviet song. D. O. Kushnarenko. Nar. tvorch. ta etn. 3 no 4:79-83 O-D '59

KONOVALOV, G

"Sources", a novel by G. Konovalov Reviewed by V. Stepanov Zvezda no 3 215 Mr '60

KOPET DAG—BOTANY

Essential oil plants of the Kopet-Dag as sources of spices and aromatics for the food industry L. I. Medvedeva. Trudy Bot inst Ser 5 no 6 127-216 '60

KOPYL' DISTRICT—SWINE—FEEDING AND FEEDS

Their sunny days. N. Plotnikava. Rab. i sial. 36 no. 2: 17-18 F '60.

KOREA—EDUCATION OF CHILDREN

Children have a right to be happy. I. Kulakov. Sovr. Vost. no. 6, 12-15 Je '60

KOREA—ETHNOLOGY

Bruk, S. I. [Population of China, the Mongolian People's Republic, and Korea, explanatory notes to the populgraphic map] Naselenie Kitaia, MNP i Korei; poiasnitel'naia zapiska k karte narodov. Moskva, Izd-vo Akad. *nauk SSSR, 1959. 40* p.

[MICROFILM]

KOREA—HISTORY

History of the national liberation movement in Korea, 1900-1917, comments on the revolutionary struggle of the Chinese people based on the Russian *foreign policy* archives. L V. Zenia Uch. zap. LGU no. 281,52-64 '59.

KOREA, NORTH

Moscow. Institut mezhdunarodnykh otnoshenii. *[Fifteen* years of Korean independence] 15 let osvobozhdeniia Korei. Moskva, Izd-vo IMO, 1960. 152 p.

KOREA, NORTH—AGRICULTURE

Achievements of socialist changes in agriculture of the Korean People's Democratic *Republic. G. Petrov. Ekon* sel'khoz 31 no. 2:116-119 F '60

KOREA, NORTH—COKE INDUSTRY

Expansion of the resources of raw materials *for the coke* industry in the Korean People's Democratic Republic. V. V. Martynov. Koks i khim. *no.* 3:57-58 '60.

KOREA, NORTH—DESCRIPTION AND TRAVEL

"Rushing ahead like the winged horse..." *Tom Morris.* Mol. mira. no.12:16-17 '59.

KOREA, NORTH—PHILOSOPHY

"Philosophy collection" [in Korean]. Reviewed by A. M. Ushkov. *Vop. filos.* 14 no. 6:174-175 '60.

KOREA, NORTH—POLITICS AND GOVERNMENT

"Philosophy collection" [in Korean]. *Reviewed by A. M.* Ushkov Vop filos. 14 no. 6:174-175 '60.

KOREA, NORTH—RELATIONS (GENERAL) WITH RUSSIA

New features in our work. Li Gi En. Kul't. i zhizn' 4 no. 3:21-23 '60.

KOREA, NORTH—REPATRIATION

Workers of the Pyongyang textile combine welcome the repatriates *from* Japan. Pak Gen Chan. Vsem. prof. dvizh. [no. 6]:46-48 Je '60.

KOREA, NORTH—TECHNICAL EDUCATION

In socialist countries. Nar. obr. no. 6:101 Je '60.

Workers of the Pyongyang textile combine welcome the repatriates from Japan. Pak Gen Chan. Vsem. prof. dvizh. [no. 6]:46-48 Je '60.

KOREA, SOUTH—ECONOMIC ASSISTANCE, AMERICAN

The consequences of United States "economic aid" to South Korea. V. Tolstikov. Mir. ekon. i mezhdunar. otn. no. 6:124-129 Je '60

KOREA, SOUTH—ECONOMIC CONDITIONS

The consequences of United States "economic aid" to South Korea. V. Tolstikov. Mir ekon. i mezhdunar. otn. no 6 124-129 Je '60.

KOREA, SOUTH—FOREIGN RELATIONS—UNITED STATES

Events in South Korea. Vl Li. Mezhdunar zhizn' 7 no. 6 97-102 Je '60.

The Seoul cauldron. G. Staiko. Nov. vrem. 18 no. 21: 18-19 My '60.

KOREA, SOUTH—POLITICS AND GOVERNMENT

Events in South Korea. Vl. Li. Mezhdunar. zhizn' 7 no. 6:97-102 Je '60.

The Seoul cauldron. G. Staiko. Nov. vrem. 18 no. 21: 18-19 My '60.

South Korea; an instructive case. K. Romanovskii. Sovr. Vost. no. 6:6-9 Je '60.

South Korea; down with Syngman Rhee. Ogonek 38 no. 18 26 My '60.

South Korean workers fight for their freedom. F. Lechner. Vsem. prof. dvizh. [no. 6]:17-19 Je '60.

KOREA, SOUTH—WOMEN—EMPLOYMENT

Discussing the right of women to work. Madeleine Colin. Zhen. mira no. 10:20-21, 23 '59.

KOREAN LITERATURE—TRANSLATIONS INTO FOREIGN LANGUAGES—BIBLIOGRAPHY see Bibliography—Korean literature—Translations into foreign languages

KOREAN OPERA see Opera, Korean

KOREAN REUNIFICATION QUESTION

[For peaceful unification of the native land; collection of documents] Za mirnoe ob"edinenie rodiny, sbornik dokumentov. Izd. 2., dop. *Pkhen'ian, Izd-vo lit-ry n* inostr. iazykakh, 1958. 106 p.

KOREAN WAR, 1950-1953

Justified vengeance. V. IUrzanov. Sov. voin 42 no.12: 30 Je '60.

"Rushing ahead like the winged horse..." Tom Morris. Mol. mira. no.12:16-17 '59.

KORENOVSKAYA DISTRICT—COLLECTIVE FARMS

Size of regular production brigades on collective farms. A. Raev. Ekon. sel'khoz 31 no. 3:95-102 Mr '60

KORETSKII, VLADIMIR MIKHAILOVICH, 1890-

V. M. Koretskii's 70th birthday. Sov. gos. i pravo no. 5: *132 My '60.*

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

V. G. Korolenko's social and political ideas during the first Russian revolution, and his newspaper work. P. S. *Karasev*. *Uch*. zap. LGU no. 284:20-52 '60.

KOSINO (MOSCOW PROVINCE)—EDUCATION

First results of work according *to the new programs.* E. N. Studitskaia. Nach. shkola 28 no. 2:91-92 F '60

KOSTELOVSKAIA, MARIA MIKHAILOVNA, 1878-

Everything for the hardest task. Ogonek 38 no. 6:15-16 F '60.

KOSTENKO, MIKHAIL POLIEVKTOVICH, 1889-

Visiting Academician Kostenko *A. Gol'shtein Nauka i* zhizn' 27 no. 3 42-43 Mr '60

KOSTROMA PROVINCE—PEAT INDUSTRY

In the Technical and Economic Council of the Kostroma *Province.* Torf. prom. 37 no. 1:35-36 '60.

KOSVEN, MARK OSIPOVICH, 1884-

On the 75th birthday of M. O. Kosven. Vest. drev. ist. no. 1:210 '60.

KOTKA, FINLAND—WOODWORKING INDUSTRIES

Mass production line for manufacturing small boards for boxes. G. L. Shalimov. Der. prom. 9 no. 2:30 F '60.

KOTOITE

Experimental investigation of the conditions of formation of kotoite-ascharite ores [with summary in English]. *V. L. Barsukov,* N. N. Derlugina. Geokhimiia no. 1:55-59 '60.

KOTOVSKII, *GRIGORII IVANOVICH, 1881-1925*

Kotovs'ka, O. P. [Faithful son of the Soviet people; memoirs] Vernyi syn sovetskogo naroda; vospominaniia. Kishinev, Gos. izd-vo MSSR "Kartia Moldoveniaske, 1959. 53 p.

[illegible]

KRASNODAR—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

[illegible] a collection of documents and recollections [illegible] of the underground of Krasnodar [illegible] the temporary fascist occupation, July 1942 - February 1943] [illegible] Kyiv, Vyd-vo [illegible] 1960. 377 p.

KRASNOKUTSK DISTRICT—BRICKMAKING

[illegible] of bricks. [illegible] My '57

KRASNOVODSK—HARBOR

[illegible] in connection with [illegible]

KRASNOGRAD—AEROSANIES

[illegible] Kryl. rod. 11 no. 4:10 Ap [illegible]

KRASNOYARSK—APARTMENT HOUSES

[illegible] Stroitel' no. [illegible] My [illegible]

KRASNOYARSK—BUILDINGS

[illegible] A. [illegible] Stroitel' no. [illegible] Ap [illegible]

KRASNOYARSK—BUILDING RESEARCH

[illegible]

KRASNOYARSK—FACTORIES, DEPOTS AND [illegible]

[illegible]

KRASNOYARSK—HYDROLYSIS

[illegible]

KRASNOYARSK—MORAL EDUCATION

[illegible]

KRASNOYARSK—SHIPBUILDING

[illegible]

KRASNOYARSK TERRITORY—CONSTRUCTION INDUSTRY

[illegible]

KRASNOYARSK TERRITORY—COURTS

[illegible]

KRASNOYARSK TERRITORY—INDUSTRIES

[illegible]

KRASNOYARSK TERRITORY—STRIP MINING

[illegible]

KRASNOYARSK TERRITORY—TREE TAPPING

[illegible]

KRASNYI YAR (VOLGA VALLEY)—GEOLOGY, STRATIGRAPHIC

[illegible] oil field. V. A. [illegible]

KRASNYI LUCH—CIVIC IMPROVEMENT

[illegible] 6:11-12 Mr '60

KRASNYI LUCH—COAL MINES AND MINING

[illegible] of party control. [illegible]

KREISLER, FRITZ, 1875-

[illegible]

KREMENCHUG HYDROELECTRIC POWER STATION

[illegible] concrete in erecting plain and reinforced concrete structures of the Kremenchug Hydroelectric Power Station. [illegible] A. I. Filatov. [illegible] My '60

KREMENCHUG REGION—IRON ORES

[illegible] Kremenchug iron ore deposits. [illegible] Ja-F '60.

KREOSOTE see Creosote

KRESS, ANATOLII EVSEEVICH

Tireless explorer of the sea depths. N. A. Krasil'nikov. Priroda no.6:5-6 Je '60.

KRIVOY ROG—GIRDERS

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Utilization of prestressed reinforced concrete on construction sites of Krivoy Rog; practices of the "Krivbasstroi" Combine] Predvaritel'no napriazhennyi zhelezobeton na stroikakh Krivogo Roga; iz opyta kombinata "Krivbasstroi." Moskva, 1959. 26 p.

KRIVOY ROG—IRON ORES

Kisolev, B. K. [Sintering finely pulverized concentrates of Krivoy Rog iron bearing rock] Aglomeratsiia tonkoizmel'chennykh kontsentratov zhelezistykh porod Krivogo Roga. Leningrad, Izd. Biuro tekhn. inform. In-ta mekhanobr, 1956. 60 p. (Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy, no. 97)

KRIVOY ROG—MINING ENGINEERING

Hidden potentialities of great importance. A. Nizhegorodov. Part. zhizn' no. 12:37-42 Je '60

KRIVOY ROG—ORE DRESSING

Secondary ore crushing in the Krivoy Rog Basin with use of a pneumatic sledge hammer. S. A. Delitsyn. Izv. vys. ucheb. zav.; gor. zhur. no. 1:00-100 '60.

KRIVOY ROG—WALLS

Rolled large-panel gypsum concrete partitions. M. Ginzburg. Biul. stroi. tekhn. 1 no. 1:3-0 F '60.

KRIVOY ROG BASIN—PHYSICAL GEOGRAPHY

Aspects of the relief of the Krivoy Rog Basin related to human activity. V. Bespalyi. Biul. SNO LGU no. 1:70-81 '58.

KRIVOY ROG BASIN—SHALE

Decoloration of carbon-quartz sericite shales of the upper section in the Krivoy Rog area [with summary in English]. N. I. Strozhina, D. I. Ishchenko. Dop. AN URSR no. 1:87-90 '60.

KROPYVNYTS'KYI, MARKO LUKYCH, 1840-1910

Pil'huk, I. I. [Life and works of M. L. Kropyvnyts'kyi; on the 50th anniversary of his death] Zhyttia i tvorchist' M. L. Kropyvnyts'koho, do 50-richchia z dnia smerti. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 11)

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

Krupskaia, N. K. [My life] Moia zhizn'. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 29 p., illus.

N. K. Krupskaia about the role of a mothers. A. Sergeeva. Sem'ia i shkola 14 no. 3:5-6 Mr '60.

N. K. Krupskaia on the schools for deaf, blind, and mentally handicapped children. A. I. D'iachkov. Sov. pedag. 24 no. 3:100-108 Mr '60.

KRYZHOPOL' DISTRICT—LIBRARIES

How we propagate books on farm mechanization. A. Vasylevs'kyi. Rad. kul't. 13 no. 3:36-37 Mr '60.

KSAVEROVKA—DESCRIPTION

Renovated collective farm village. Kul't. i zhizn' 4 no. 1:25-27 '60.

KUBAN—CONDENSATE OIL WELLS

Studying the potential of the Leningrad gas-condensate field. A. S. Velikovskii and others. Gaz. prom. 5 no. 2:3-8 F '60.

KUBAN—DISTILLERIES

Complete processing of sugar-beet molasses in distilleries of the Kuban. Spirt. prom. 26 no. 2:40-41 '60.

KUBAN—RICE

Effect of temperature on germination of seeds in commercial rice varieties of the Kuban [with summary in English]. F. P. Aleshin, A. I. Aprod. Fiziol. rast. 7 no. 3:358-362 '60.

KUBAN VALLEY—CROPS AND CLIMATE

Agroclimatic conditions in the Teberda Valley and the upper Kuban Valley. N. P. Stolypin. Trudy Tbil. NIGMI no. 5:191-199 '59.

KUBAN VALLEY—SOIL MOISTURE

Agrohydrological characteristics of mountain valleys in the Caucasus. G. D. Chikvaidze. Trudy Tbil. NIGMI no. 5:182-190 '59.

KUBETSKII, LEONID ALEKSANDROVICH, 1906-1959

Leonid Aleksandrovich Kubetskii; obituary. N. S. Khlebnikov. Usp. fiz. nauk. 71 no. 2:351-353 Je '60.

KUFAREV, PAVEL PARFEN'EVICH, 1909-

Pavel Parfen'evich Kufarev; on his fiftieth birthday. Trudy TGU 144:149-156 '59.

[illegible]

By group effort. P.Usenko, I.Marchenko. Prof.-tekh. obr. 17 no.3:20 Mr '60.

KUKUL'SKAIA, MARIIA KONSTANTINOVNA
Mariia Konstantinovna Kukul'skaia. Prep.ist. v shkole 15 no.1:48-49 Ja-F '60.

KULDOR-TEPE--EXCAVATIONS (ARCHAEOLOGY)
Excavations undertaken in 1957 of the ancient site of Kuldor-Tepe. B.Stavitskii. Soob.Gos.Erm. no.15:57-59 '59.

KULIBIN, IVAN PETROVICH, 1735-1818
I.P.Kulibin. A.Vel'man. Kul't.i zhizn' 4 no.4:59 '60.

KULYAB REGION--BOTFLIES
Recent data on the nasopharyngeal botfly Rhinoestrus tshernyshevi Grunin (Diptera, Oestridae) parasitic in the argali (Ovis ammon L.) [with summary in English]. K.IA.Grunin, A.A.Stadnik. Ent.oboz. 39 no.1:210-212 '60.

KUNTSEVO DISTRICT--COLLECTIVE FARMS
New way of life. Nauka i zhizn' 27 no.3:31 Mr '60.

KUPALA, IANKA, pseud. see Lutsevich, Ivan Dominikovich, 1882-1942

KUR ISLAND--SOILS
Bottom-land soils on islands of the Northern Dvina River in the Kholmogory region. I.V.IAkushevskaia. Vest. Mosk.un.Ser.biol., pochv., geol., geog. 14 no.4:91-100 '59.

KURA LOWLAND--IRRIGATION CANALS AND FLUMES
Irrigation and drainage construction work in the Shirvan Steppe. A.D.Saakov. Gidr.i mel. 12 no.3:3-10 Mr '60.

KURA RIVER--FISHERIES--RESEARCH
Fishery management of the Kura River and outlook for its development. A.N.Derzhavin. Trudy Okean.kom. 5:247-250 '59.

KURAMA RANGE--ORE DEPOSITS
Types of enclosing carbonate rocks in the Chatkal and Kurama Ranges and their role in ore deposition. M.A. Akhmedzhanov. Uzb.geol.zhur. no.1:21-30 '60.

KURDISH LANGUAGE--STUDY AND TEACHING
Development of Soviet Kurdish studies. K.K.Kurdoev. Uch.zap.Inst.vost. 25:51-67 '60.

KURDS
"Kurds; studies in sociology and history" [in French] by Basile Nikitine. Reviewed by N.A.Kisliakov. Sov.etn. no.1:162-168 Ja-F '60.

KURDS--HISTORY
The works of P.I.Lerch on Kurdish studies; the study of Kurdish history in Russia. K.K.Kurdoev. Och.po ist. rus.vostokoved. no.4:39-51 '59.

KURGAN--APARTMENT HOUSES--MAINTENANCE AND REPAIR
Eliminate serious shortcomings in maintaining apartment houses. Sh.Vertsberg. Zhil.-kom.khoz. 10 no.3:16-17 '60.

KURGAN--SCHOOL LUNCHROOMS, CAFETERIAS, ETC.
Solicitous hands. I.Danilov. Obshchestv.pit. no.3:3 Mr '60.

KURGAN PROVINCE--ECONOMICS--STUDY AND TEACHING
Schools of economics. P.Bezborodov. Agitator no.7:63 Ap '60.

KURGAN PROVINCE--SQUIRRELS
A new subspecies of squirrels from the forest steppe of the trans-Ural region [with summary in English]. V.S. Smirnov. Zool.zhur. 39 no.2:308-310 F '60.

KURGANINSKIY DISTRICT--PROPAGANDA
Promotion brigades in a leading territory. S.Rogov. Kul't.-pros.rab. 21 no.2:13-14 F '60.

KURGANNAYA DISTRICT--SOWING
Effectiveness of a second sowing and of a sowing following a grain crop. F.Moskalenko. Ekon.sel'khoz. 31 no.3:84-88 Mr '60.

KURILE ISLANDS--GEOLOGY, STRUCTURAL
Geomorphological observations on the Kuriles. V.F.Kanaev. Trudy Inst.okean. 33:215-231 '60.

KURILE ISLANDS--SYRPHUS FLIES
Materials on the syrphus flies (Diptera, Syrphidae) of Sakhalin and the Kurile Islands. N.A.Violovich. Trudy Vses.ent.ob-va 47:217-272 '60.

KUROCHKIN, VASILII STEPANOVICH, 1831-1875
We are glad that they did not come to it.... M.Kaz'mina. Agitator no.7:61-62 Ap '60.

KURSAVKA--GRAIN ELEVATORS
Work mechanization and increased labor productivity at the Kursavka Grain Procurement Station. V.Danilenko. Muk.-elev.prom. 26 no.2:17 F '60.

KURSK--[illegible]
Our fruitful group work. A.Kalinin. Kryl.rod. 11 no.2:11 F '60.

KURSK--POSTAL SERVICE
Mechanization of loading and unloading operations in the Kursk Mail Transportation Department. M.I.Malykhin. Vest.sviazi 20 no.1:20-21 Mr '60.

KURSK MAGNETIC ANOMALY--WATER, UNDERGROUND
Hydrogeological conditions in the Yakovlevskoe iron ore deposit. B.N.Smirnov. Razved.i okh.nedr [illegible] 27-30 D '59.

KURSK PROVINCE--COCKCHAFERS
Spreading of the cockchafer Melolontha melolontha L. in relation to the nature of the vegetation [with summary in English]. A.M.[illegible]. Zool.zhur. 39 no.2:214-221 F '60.

KURSK PROVINCE--CORN (MAIZE)
Corn is a decisive means for creating a feed supply ("In Kursk 333 centners are harvested from one hectare of land." Reviewed by I.Poloz'enko). Ekon.sel'khoz. 31 no.2:124-125 F '60.

KURSK PROVINCE--EDUCATION, ELEMENTARY
Contact between academic instruction and life. I.Novodskaia. Nach.shkola 30 no.4:5-10 Ap '60.

KURSK PROVINCE--IRON MINES AND MINING
Northwest of Kursk. Aleksandr Volkov. Moskva 4 no.2:191-193 F '60.

KURSK PROVINCE--LOADING AND UNLOADING
Entrust railroads with loading and unloading work. I.Kogukov, A.Dorokhin. Zhel.dor.transp. 41 no.1:64-67 Ja '60.

KURSK PROVINCE--PUBLIC HEALTH
Concerning Professor V.V.Levkoevskii's article "On the development of hygiene and sanitation [illegible]." [illegible] Akulinin. Gig.i san. 25 no.2:86 F '60.

KURSK PROVINCE--RELIGION
End of an age-old deception ("Origin of the so-called religious procession in Kursk" by [illegible]). Reviewed by [illegible]. [illegible] no.1:88-91 '59.

KURSK--STOCK AND STOCKBREEDING
We get cheap milk. N.Agarkov. Agitator no.7:[illegible] Ap '60.

KUSTANAY PROVINCE--INDUSTRIES
Urgent problems in the development of a new [illegible] region. B.Kadyrbaev. Nar.khoz.Kazakh. 19 no.3:10-24 Mr '60.

KUSTANAY PROVINCE--RUSSIAN NEWSPAPERS
They just record the facts. I.Kokarev. Part.zhizn' Kazakh. 30 no.3:65-67 Mr '60.

KUTAN REGION (CAUCASUS, NORTHERN)--OIL FIELDS--PRODUCTION METHODS
Stopping the flowing of a well. B.P.Mikarin. Neftianik 5 no.5:16 My '60.

KUYBYSHEV--APARTMENT HOUSES--MAINTENANCE AND REPAIR
Take care of apartment houses. B.[illegible]. Zhil.-kom. khoz. 10 no.3:15-16 '60.

KUYBYSHEV--BEARING INDUSTRY
Honor and conscience. I.Karpeev. Agitator no.13:9-13 Je '60.

KUYBYSHEV--CLAY INDUSTRIES
Excursion to a brick and tile plant. A.N.Zakharov. Geog.v shkole 23 no.2:64-67 Mr-Ap '60.

KUYBYSHEV--CONSTRUCTION INDUSTRY--HYGIENIC ASPECTS
Indifference is a bad assistant. K.[illegible]. Okhr.truda i sots.strakh. 3 no.4:55-56 Ap '60.

KUYBYSHEV--ELECTRIC LOCOMOTIVES--MAINTENANCE AND REPAIR
Initiative of Kuybyshev workers. D.I.Brenkevich. Elek.i tepl.tiaga 4 no.4:27-28 '60.

On Lenin's labor-watch -- brigade of communistic labor. A.V.Kiriliuk. Elek.i tepl.tiaga 4 no.4:9 '60.

KUYBYSHEV--EVIDENCE, EXPERT
Not for imitation. Sov.iust. no.3:68 Mr '60.

KUYBYSHEV--LOCOMOTIVES
New development in locomotive operation and maintenance. D.I.Brenkevich. Zhel.dor.transp. 41 no.3:58-61 Mr '60.

KUYBYSHEV--MOTORCYCLE RACING
Gaining strength and experience. G.Belanov. Za rul. 18 no.2:8-9 F '60.

KUYBYSHEV--RESTAURANTS, LUNCHROOMS, ETC.
Improvement of the quality of food must be the prime objective. K.Sopruko. Obshchestv.pit. no.4:48 Ap '60.

[illegible] G.Bikbulatov. [illegible] Ap '60.

KUYBYSHEV--SCHOOL EXCURSIONS
Excursion to a brick and tile plant. A.N.Zakharov. [illegible] 23 no.2:64-67 Mr-Ap '60.

KUYBYSHEV--THEATER
[illegible]

KUYBYSHEV--TRACTION ELECTRIC EQUIPMENT
[illegible]

KUYBYSHEV--TRAFFIC CONTROL
[illegible] 17 no.2 [illegible]

KUYBYSHEV PROVINCE--AGRICULTURAL RESEARCH
[illegible] 3 no.4:43-45 Ap '60.

KUYBYSHEV PROVINCE--[illegible] EVALUATION
[illegible] Mr '60.

KUYBYSHEV PROVINCE--[illegible]
[illegible] [with summary in English] [illegible]

KUYBYSHEV PROVINCE--PETROLEUM INDUSTRY
[illegible] workers. [illegible] 12-13 My '60.

KUZNETSK--[illegible]
[illegible] places. I.S. [illegible]

KUZNETSK BASIN--[illegible]
[illegible]

KUZNETSK BASIN--[illegible]
[illegible]

KUZNETSK BASIN--COAL MINERS
[illegible]

KUZNETSK BASIN--COAL MINES AND MINING
[illegible]

KUZNETSK BASIN--COAL MINES AND MINING--SAFETY MEASURES
[illegible] V.I. [illegible] '60.

KUZNETSK BASIN--COAL PREPARATION
[illegible]

KUZNETSK BASIN--COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK
[illegible]

KUZNETSK BASIN--[illegible]
[illegible] '59.

KUZNETSK BASIN--HOISTING MACHINERY
[illegible]

KUZNETSK BASIN--HYDRAULIC MINING
[illegible]

KUZNETSK BASIN--LABOR SUPPLY
[illegible] Mr-Ap '60.

KUZNETSK BASIN--MINE VENTILATION
[illegible] '60.

KUZNETSK BASIN—MINING ENGINEERING
Determining the arrangement of [illegible] in a shield [illegible] systems. M.P. Mishin. [illegible]

KUZNETSK BASIN—PETROLEUM GEOLOGY
Akademiia nauk SSSR. Institut [illegible] [Materials on the geology [illegible] of the Kuznetsk Basin] Materialy po [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible]

KUZNETSK BASIN—[illegible]
[illegible] in the Kuznetsk Basin. [illegible]

KUZNETSK BASIN—STRIP MINING
[illegible]
[illegible] use of system [illegible] transportation [illegible] in the Kuznetsk Basin. [illegible]

[illegible] see [illegible]

[illegible]—CLIMATE
[illegible]

[illegible]

Labor [illegible] with pictures. N.M. [illegible]
Lenin's writings on the unity of the working class. [illegible] Vest. Mosk. un. Ser. [illegible] no.3 [illegible] Mr-Ap '60.
Letters to the editor. [illegible] and others. [illegible]
Letters to the editor. [illegible]
Letters to the editor. [illegible]
Letters to the editor. [illegible]
Letters to the editor. [illegible]
Letters to the editor. [illegible]
[illegible]
People who have reached the fatherland. I. Kozyrev. [illegible]
[illegible]
[illegible] A. [illegible]
[illegible]
Scientific research work plan of the Labor Institute for 1961. [illegible]
[illegible]

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—[illegible] see [illegible]

LABOR AND LABORING CLASSES—MEDICAL CARE
[illegible]

LABOR AND LABORING CLASSES—RESEARCH
[illegible]

LABOR [illegible]
[illegible]

LABOR [illegible]
[illegible]

LABOR JOURNALISM see Journalism, Labor

LABOR LAWS AND LEGISLATION
(see also subdivision [illegible] under Italy [illegible])
[illegible]
For the good of the Soviet people. [illegible]
[illegible]

Several comments on the draft laws. I. Tanchuk. Sots. trud 5 no.1:27-30 Ja '60.
Several questions on wages. P. Liatopulov, A. Kazankov, N. Solov'ev. Sots. trud 4 no.12:32-34 D '59.
Some remarks on the proposed Basic Principles of Labor Law. P. Sedugin, R. Livshits. Sov. iust. no.2:34-38 F '60.
Soviet labor law in the post-Stalin period. P.D. Davletshin. Vest. Inst. po izuch. SSSR no.1:51-60 Ja-Mr '60.
Temporary transfer to other work. A. Epshtein. Sots. trud 5 no.1:140-145 Mr '60.
Textbook on labor law ("Soviet labor law" by A. Abramova and others. Reviewed by V. Acharkan, E. Gerasimov). Sots. trud 5 no.1:147-150 Mr '60.
There must be corrections. [illegible] Okhr. truda i sots. strakh. [illegible] no.2:[illegible] '60.
V.I. Lenin on labor laws. [illegible] Okhr. truda i sots. strakh. 3 no.4:[illegible] Ap '60.
Workers discuss the proposed Basic Principles of Labor Law. L. Nasinova. Sov. iust. no.2:33-34 F '60.

LABOR PARTY (GREAT BRITAIN) see Great Britain. Labor Party

LABOR PASSPORTS
Your labor passport. A. [illegible] Okhr. truda i sots. strakh. 3 no.2:58-60 F '60.

LABOR PRODUCTIVITY
(see also subdivision under Azerbaijan, Great Britain, United States)
Accumulation of socialist capital and growth of labor productivity. A. Vikent'ev. Sots. trud 5 no.3:10-20 Mr '60.
Correlation between increasing labor productivity and the growth of wages in the U.S.S.R. [illegible] Ekon. [illegible] no.1:56-61 Ja [illegible] '60.
Fomin, K. I. [Labor productivity in assembling precast construction elements] Proizvoditel'nost' truda na montazhe sbornykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 39 p.
Important source on labor economics ("Methods of reducing [illegible] time on auxiliary work in industry" by [illegible] V. [illegible]). Sots. trud 5 no.2:155 F '60.
Implementation of the plenum of the Central Committee of [illegible] Vest. stat. no.6:1-5 '60.
Main problem. [illegible] Solomes. Nauka i zhizn' 27 no.2:3-[illegible] F '60.
[illegible] of equipment and growth of labor productivity. V. Vorotilov, [illegible] Sots. trud 5 no.1:[illegible]-15 Ja '60.
[illegible] organizational and technical plan is the basis for planning the growth of labor productivity. V. Gandshtak, [illegible] Sots. trud 5 no.1:32-40 Ja '60.
Problems of measuring labor productivity. Vop. ekon. no.6:80-92 Je '60.

LABOR PRODUCTIVITY—BIBLIOGRAPHY see Bibliography—Labor productivity

LABOR PRODUCTIVITY—CONGRESSES
Academic conference on the potentials of labor productivity and the utilization of labor resources. V. Kozlov. Biul. nauch. inform.: trud i zar. plata 3 no.1:61-65 '60.
Akademiia nauk SSSR. Institut ekonomiki. [Problems in increasing labor productivity in Soviet industry; materials of a coordinated conference, January 1958] Problemy povysheniia proizvoditel'nosti truda v promyshlennosti SSSR; materialy nauchno-koordinatsionnogo soveshchaniia, ianvar' 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1958. 261 p.
(MIRA)
Conference on questions of labor productivity. [illegible] Sots. trud 5 no.6:142-146

LABOR REPRESENTATION IN REGULATION OF INDUSTRY see Employees' representation in management

[illegible]
Some problems in the organization of laboratory animal breeding in the Soviet Union and in foreign countries. P. P. Popontanis. Vest. AMN SSSR 14 no.6:64-73 '59.

LACTAMS
δ-Lactones and δ-lactams. Part 21: Dibromides of δ-enol lactones (3,6-dibromo-5,6-dihydro-2-pyranones). N.P.Shusherina, A.V.Golovin, R.IA.Levina. Zhur. ob. khim. 30 no.6:1762-1769 Je '60.

LACTATION
Certain biochemical characteristics of the blood and milk of sows during lactation (with summary in English). N.N. Petrenko, V.I. Lestydovyk. Ukr. biokhim. zhur. 32 no.3:407-410 '60.
Secondary hypogalactia and methods for stimulating lactation. T. I. Vogolkina. Fel'd. i akush. 25 no.4:22-25 Mr '60.

LACTIC ACID BACTERIA
Proteolytic activity of the "D-1", a new strain of thermophilic lactic acid bacteria. I. M. Bottov, R. S. Bandurova. Izv. vys. ucheb. zav.; pishch. tekh. no.1:58-60 '60.

LACTONITRILE
Esters of acetone cyanohydrin and of aromatic acids. L. M. IAgupol'skii, R. V. Belinskaia. Zhur. ob. khim. 30 no.6:2014-2016 Je '60.

LADOGA, LAKE—BEACHES
A single noded notch on Yakimvar Bay, Lake Ladoga. T.I. Maltina. Izv. Vses. geog. ob-va 92 no.3:271-276 My-Je '60.

LADYBIRDS see subdivision under Kazakhstan

LAGOCHILUS
Lagochilus inebrians Bge. in connection with the study of medicinal plants of Central Asia. O. I. Neustrueva-Kosheleva. Trudy Bot. inst. Ser. 5 no.6:50-[illegible] '60.
Pharmacological study of Lagochilus setulosus Vved. (with summary in English). T. P. Polatova. Apt. delo 9 no.2:26-29 Mr-Ap '60.

LAGODEKHI PRESERVE—BOTANY
Seasonal dynamics of vegetation of subalpine meadows in connection with ecological conditions in the Lagodekhi Preserve. G.Sh. Nakhutsrishvili. Soob. AN Gruz. SSR 23 no.6:699-704 D '59.

LAKES
(see also subdivision under Siberia, Western)
Using shallow lakes in supplying water to populated areas. V. Balabanov. Zhil.-kom. khoz. 10 no.1:21-24 '60.

LAMARCK, JEAN BAPTISTE, 1744-1829
Lamarck and Darwin as founders of phylogenetic taxonomy. V. I. Bol'shakov. [illegible] no.4:5-10 '59.

LAMBALU REGION—MICROCLIMATOLOGY
Microclimatic conditions of the Lambalu massif in the Armenian S.S.R. G. M. Kandelaki, I. A. Lomadzhian, N.S. Chervyak. Trudy Tbil. NIGMI no.5:160-208 '59.

LAMELLIBRANCHIATA see subdivision under Ural Mountains

LAMINAR FLOW
Applying Mises' variables to the problem of the propagation of a laminar jet along a wall. N.I.Akatnov. Prikl. mat. i mekh. 24 no.1:154-156 Ja-F '60.
Friction in laminar flow. G.A.Gak. Trudy LIIZhT 17:52-55 '57.
Laminar boundary layer on an infinite disk rotating in a gas. V.P.Shidlovskii. Prikl. mat. i mekh. 24 no.1:161-164 Ja-F '60.

LAMINATED METALS
Investigating the flexure of bimetallic strips during rolling. V.G.Smitnyn, N.P.Grinnov. Sbor. trud. TSNIICHM no.22:134-140 '59.

LAMPROPHYRES see subdivision under [illegible] region

LAND
Give a gift to your collective farm. [illegible] no.5:4-5 My '60.

LAND—CLASSIFICATION
A qualitative evaluation of agricultural land. I. Shelkin. Vop. ekon. no.6:151-154 Je '60.

LAND TENURE
(see also subdivision under Cuba, Iran, Rome, Yontsey Government)
"Laying the foundation for the 1864 agrarian reform" by V. V. Garmiza. Reviewed by I. G. Mamulova. Vop. ist. no.6:158-159 Je '60.

LANDSCAPE GARDENING
(see also subdivision under Leningrad, Moscow, Ukraine)
Aid for people building their own houses. Stroitel' no.4:30 Ap '60.
Continuous flower display in the yard. V.Vasil'ev. Zhil.-kom. khoz. 10 no.1:21-20 '60.
[illegible] Prom. zav. i proekt. no.8:43 '60.
Role of landscape gardening in further improvement of public areas in cities. [illegible] Arkhit. SSSR no.1:15-17 '60.

LANDSLIDES
(see also subdivision under [illegible], Crimea, [illegible], Siberian Platform)
Petrographic composition of rocks in connection with landslide processes and the classification of landslide types. [illegible]

LANDZHANURI HYDROELECTRIC POWER STATION
[illegible]

LANGUAGE AND LANGUAGES
Letter of V. Jagić to A. A. Potebnia. Vop. iaz. 9 no.2:103-110 Mr-Ap '60.
Why do people speak different languages. [illegible]

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CONGRESSES
Conference on mathematical linguistics. [illegible] Vop. iaz. 9 no.1:146-147 Ja-F '60.

LANGUAGE AND LANGUAGES—ETYMOLOGY
A study of so-called "internationalisms" [illegible] Vop. iaz. 9 no.1:[illegible] '60.

LANGUAGE AND LANGUAGES—JUVENILE LITERATURE
Uspenskii, L.V. [Word about words; essays on language] Slovo o slovakh; ocherki o iazyke. [illegible] [Moskva] Izd-vo TSK VLKSM "Molodaia gvardiia," 1960. 300 p.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
(see also subdivision under Moscow [illegible])
Applied and mathematical linguistics. [illegible]
"Basic problems in linguistics" [illegible] Reviewed by [illegible]
[illegible]
Chronicle. [illegible] Vop. iaz. [illegible] Mr-Ap '60.
[illegible]
General problems [illegible]
[illegible]
Expanding the network of [illegible]
Integrated [illegible]
[illegible]
The [illegible] Reviewed by N. A. Slinarova. Vop. iaz. [illegible] '60.
Methods of work with new [illegible] MGPIIIA [illegible]
"Preparation of [illegible]
Programs and plans for [illegible]
The [illegible] Vop. [illegible]
Reaching [illegible] MGPIIIA [illegible]
The role of [illegible] foreign languages in the special [illegible] higher learning. M. A. [illegible]
Typology of class work at the [illegible]
The utilization of [illegible] during the third and fourth years [illegible] faculties. [illegible] MGPIIIA [illegible]
The utilization of [illegible] instruction at higher language schools. V. A. [illegible] MGPIIIA [illegible]
What are the rules for admission to and [illegible] foreign language correspondence courses. [illegible] '60.
What is meant by transformational analysis. [illegible] Vop. iaz. [illegible] '60.

[illegible]

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES
Intervention of the United States in Latin America. Mol. mira no.1·21 '60.

LATIN AMERICA—MILITARY BASES, AMERICAN
Dangerous plans of the United States. E. IUr'ev. Mezhdunar. zhizn' 7 no.7 124-126 Jl '60.

LATIN AMERICA—POLITICS
Let's meet the youth of Latin America. Juan Pablo Galvan. Mol.mira no.1 16-17 '60

LATIN AMERICA—POLITICS AND GOVERNMENT
Youth movement in Latin America. M. Mokhnachev. Mol.komm. no. 3 106-113 Mr '60.

LATIN AMERICA—TRADE UNIONS
Latin American metalworkers prepare their first conference. Jean Maillier. Vsem.prof.dvizh. [no.6] [illegible]-21 Je '60.

LATIN AMERICA—YOUTH
Let's meet the youth of Latin America. Juan Pablo Galvan. Mol.mira no.1 16-17 '60.
Youth movement in Latin America. M. Mokhnachev. Mol.komm. no. 3 106-113 Mr '60.

LATIN AMERICA—WOMEN
Women of Latin America are preparing for their congress. Adela Bettinelli. Zhen.mira no 10 10-11 '59

LATITUDE
Latitude service A M Kalmykov Nauka i zhizn' 27 no 3 44-46 Mr '60

LATITUDE—CONGRESSES
The fourth latitude conference and basic problems in studying the motion of terrestrial poles. V I. Sakharov. Astron zhur. 37 no. 3:595-600 My-Je '60.

LATVIA—AIR PILOTS
Latvian aviators are members of the All-Union Society of Innovators and Inventors. P. Spanovskii. Grazhd. av. 17 no. 3:3 Mr '60

LATVIA—BOOKSELLERS AND BOOKSELLING
Books in Latvian villages. V. Apin'. Sov knizh. torg 12 no 3 22 Mr '60.
Communist Youth League members have bound themselves to sell 300,000 books V. Auzin'. Sov knizh. torg 12 no. 3·29-30 Mr '60.
One third of the edition is for repeat orders V. Jula Sov. knizh. torg 12 no 3 30-31 Mr '60.
Retail system is the foundation for the mass distribution of literature S. TSavna Sov knizh. torg 12 no 3 20-21 Mr '60.
Together with writers D. Strukov. Sov. knizh torg. 12 no 3 32-33 Mr '60

LATVIA—COLLECTIVE FARMS—FINANCE
Our suggestions for improving the utilization of undivided funds of collective farms. G. A. Strausmanis. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:33-38 Je '60.

LATVIA—COMMUNIST YOUTH LEAGUE
Communist Youth League members have bound themselves to sell 300,000 books. V Auzin'. Sov knizh torg 12 no 3:29-30 Mr '60.

LATVIA—ELECTRIC MACHINERY INDUSTRY—HYGIENIC ASPECTS
Workers are evacuated from the "danger zone." E. Dikon. Okhr. truda i sots. strakh. 3 no. 2:27-29 F '60.

LATVIA—MAPS
L. A. Mellin and his "Atlas of Liefland." E. F. Varep. Trudy Inst. ist. est. i tekh. 27:265-269 '59

LATVIA—PASTURES AND MEADOWS
Economic foundations of an efficient agricultural system in Latvia. IA. Vanag. Ekon. sel'khoz 31 no 2:33-37 F '60

LATVIA—PHYSICAL EDUCATION AND TRAINING
Physical education as a social entity. E. P. Vasil'ev. Teor i prak. fiz kul' 23 no. 6:467-469 '60.

LATVIA—PLANTS, ORNAMENTAL
Karachevskii, N. N. [Ornamental greenhouse plants; Latvian work practices] Dekorativnye oranzhereinye kul'tury, opyt Latvii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 149 p.
(DA)

LATVIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
On the shores of the peaceful Baltic Sea. P. I. Valeskaln. Kul't. i zhizn' 4 no. 2:8-14 '60.

LATVIA—STOCK AND STOCKBREEDING
Economic foundations of an efficient agricultural system in Latvia IA. Vanag Ekon. sel'khoz. 31 no 2:33-37 F '60

LATVIAN POETRY—TRANSLATIONS INTO RUSSIAN
[Anthology of Latvian poetry] Antologiia latyshskoi poezii. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 2 v.
(CU)

LAUNDRY
Changes in the properties of textile materials during repeated washing in different types of home washing. A. I. IAkovlev. Sbor. nauch. rab. INKH no. 16.66-79 '59

LAW
(see also subdivision under White Russia)
Berchenko, A. IA. [Essence and principles of Soviet socialist law; a lecture delivered at the Higher Correspondence Party School, sponsored by the Central Committee of CPSU] Sushchnost' i printsipy sovetskogo sotsialisticheskogo prava, lektsii, prochitannye v ZVPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 41 p.
Ivanov, V. N. [Man and the law] Chelovek i zakon. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 78 p.
Legal services for the national economy should be equal to the tasks of building communism. Sov gos. i pravo no. 6:3-10 Je '60
Reactionary utopian conception of the "synthesis" of socialist and bourgeois legal systems. S. L. Zivs Sov gos. i pravo no. 6 53-64 Je '60.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES
Judicial practice. Sov. iust. no. 2:77-87 F '60.
Judicial practice. Sov. iust. no. 3·77-88 Mr '60.
Russia (1917- R. S. F. S. R.) Verkhovnyi sud. [Collection of resolutions of the Presidium and decisions of the Judicial Collegium on civil cases of the Supreme Court of the R. S. F. S. R., 1957-1958] Sbornik postanovlenii Prezidiuma i opredelenii Sudebnoi kollegii po grazhdanskim delam Verkhovnogo suda RSFSR 1057-1958 gg. Pod red. A. T. Rubicheva. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 222 p.

LAW—CODIFICATION
Brief news. Sov. iust. no. 2·88, 90 F '60.

LAW—DICTIONARIES
Bardin, P. L., K. P. Gorshenin, and P. I. Kudriavtsev, eds. [Concise legal dictionary and handbook for the layman] Kratkii iuridicheskii slovar-spravochnik dlia naseleniia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 406 p.

LAW—HANDBOOKS, VADE MECUMS, ETC.
Karev, D. S., ed. [Legal manual for the deputies of local soviets] IUridicheskii spravochnik deputata mestnogo Soveta. [Moskva] Izd-vo Mosk. univ., 1960. 380 p.

LAW—INDEXES
Index of legislative enactments. Sov. iust. no. 2·89, 91 F '60.
Index of legislative enactments. Sov. iust. no. 3·94-95 Mr '60

LAW—PERIODICALS
(see also subdivision under Germany, East)
The work of the journal must be equal to the new tasks. Sov. gos. i pravo no. 5:3-10 My '60.

LAW—PHILOSOPHY
V. I. Lenin's "Philosophical notebooks" and the theory of law [with summary in English]. D. A. Kerimov. Vest. LGU 15 no. 11:97-110 '60.

LAW—SOCIETIES, ETC.
Activities of the Bureau of the International Association of Democratic lawyers in the defense of democratic rights and freedoms. K. P. Gorshenin, P. I. Kudriavtsev. Sov. gos. i pravo no. 5·57-63 My '60.

LAW—STUDY AND TEACHING
For further development of historical and legal education. Prep. ist. v shkole 15 no. 1 3-8 Ja-F '60.

LAW, SUMERIAN
The laws of Ur-Nammu. V. Afanas'eva. Vest. drev. ist. no. 1:61-74 '60.

LAW AND LITERATURE see subdivision under United States

LAW ENFORCEMENT see subdivision under China

LAW SCHOOLS see subdivision under Leningrad

LAWNS
Some results of testing perennial lawn grasses. N. I. Fadeeva. Trudy Alma-At bot sada 5·132-150 '60.

LAWYERS—EDUCATION AND TRAINING
Work of local study groups. I. Tanchuk, N. Gvozdev. Sov. iust. no. 2:52-53 F '60.

LAZAREV REGION, ANTARCTICA—PHYSICAL GEOGRAPHY
Brief physicogeographical characteristics of the region of the Lazarev South Polar Station. P. S. Voronov, IU. A. Kruchinin Inform. biul. Sov. antark eksp. no. 12 5-9 '59.

LAZAREV STATION, ANTARCTICA
Work and life at the Lazarev Station. Inform. biul. Sov. antark eksp no 14 35-36 '60.

LE CHAMBON-FEUGEROLLES, FRANCE—TRADE UNIONS
Fifty years of service to the cause of the laboring classes. Luciano Casadei. Vsem. prof. dvizh. no. 5: 27-29 My '60.

LEACHING
Goroshchenko, IA. G. [Physicochemical investigation of the treatment of rare-earth titanium niobates by the sulfuric acid method] Fiziko-khimicheskie issledovaniia pererabotki redkozemel'nykh titanoniobatov sernokislotnym metodam. Moskva, Izd-vo Akad. nauk SSSR, 1960. 183 p.

LEAD
Using dusts from the lead production in the phase analysis for selenium compounds. N. A Filippova and others. Zav. lab. 26 no. 4 401-410 '60.

LEAD—METALLURGY
Behavior of zircon and monazite in granites during heating. N. N. Golubchina. Geokhimiia no. 2·184 '60.

LEAD—SPECTRA
Experimental determination of oscillator strengths of the Pb I lines $\lambda\lambda$ 4057 and 3683 Å, and the lead content of the solar atmosphere. Part I. Determination of the f values by emission lines in a hollow cathode [with summary in English]. M. Z. Khokhlov. Izv. Krym. astrofiz. obser. 21·84-102 '59.

LEAD ACETATE
Oxidation of β-ketoacetals by lead tetraacetate N K Kochetkov, E E Nifant'ev. Zhur ob khim 30 no 6 1866-1872 Je '60
Preparation of nonhydroxylated solvents of very low water content IA I Chulkov Zhur ob khim. 30 no 6 1753-1755 Je '60

LEAD GERMANATE
Form and nature of lead germanates. E. I. Speranskaia. Zhur. neorg. khim. 5 no. 2·421-432 F '60

LEAD INDUSTRY see subdivision under Ust'-Kamenogorsk

LEAD ORES
Some regularities and conditions of the formation of lead-antimony ores [with summary in English]. G. O. Grigorian. Geokhimiia no. 1:60-67 '60.

LEAD OXIDES
Thermodynamics of the direct and indirect reduction of melted lead oxides. A. N. Kviatkovskii and others. Vest. AN Kazakh. SSR 16 no 2:10-25 F '60.

LEAD POISONING
Early manifestations of tetraethyl lead intoxication. V. E. Liubomudrov. Vrach. delo no. 2:175-177 F '60.
Lead poisoning in everyday life. V. S. Tulkevich. Vrach. delo no. 2:187-189 F '60.

LEAF BEETLES see subdivision under Amur Province; Askaniya-Nova Region

LEAF ROLLERS
New species of the genera Salsolicola Kuznetz., g. nov., Pammene Hb., and Laspeyresia Hb. (Lepidoptera, Tortricidae) in the fauna of the U. S. S. R. V. I. Kuznetsov. Ent. oboz. 39 no. 1:189-199 '60.

LEAFHOPPERS see subdivision under Kazakhstan; Soviet Central Asia

LEATHER, ARTIFICIAL

Manufacture of artificial leather. P. Efimov. IUn. tekh. 4 no. 2:8-9 F '60.

LEAVES

Role of leaves in the vernalization of winter and biennial plants [with summary in English]. A. S. Kruzhilin, Z. M. Shvedskaia. Fiziol. rast. 7 no. 3:287-295 '60.

LEAVES—ANATOMY

Anatomical characteristics of leaves in early and late forms of oak of different geographical origin A M Shutiaev Bot zhur. 45 no 2 279-283 F '60

Characteristics of the anatomical structure of the epidermis of leaves in solanaceous plants E A Romanovich. Bot zhur 45 no 2 259-266 F '60

LEAVES—OPTICAL PROPERTIES

Studying optical properties of leaves in woody plants with the SF-4 spectrophotometer [with summary in English]. I. A. Shul'gin and others. Fiziol. rast. 7 no. 3:300-308 '60.

LEBANON—STUDENTS

Two sides of a coin. R. Fayad. Vsem. stud. nov. 14 no. 2:7-8 F '60.

LEBEDENKO, ALEKSANDR GERVAS'EVICH

Aleksandr Lebedenko A Filatova Zvezda no 3·207-209 Mr '60

LEBEDIN DISTRICT—RELIGION

Our mobile club. A. Mitnik. Nauka i rel. no. 3:80-81 Mr '60.

LECTURES AND LECTURING

(see also subdivision under Sverdlovsk)

Republic conference. B. S. Zharmagambetov. Vest. AN Kazakh SSR 16 no 2:103 F '60.

Rural lecture office. V. Shvets. Agitagor no. 7:49 Ap '60.

LEFEBVRE, GEORGES, 1874-1959

Georges Lefebvre; obituary. V. Al'tman. Vest. ist. mir. kul't. no. 1 144-146 Ja-F '60.

LEFT-AND RIGHT-HANDEDNESS

Archaeological evidence of the Neanderthal's right-handedness S. A Semenov. Vop antr no 2 69-73 '60.

LEGAL CHEMISTRY see Chemistry, Legal

LEGENDS see subdivision under Siberia, Eastern

LEGENDS, ORIENTAL

On the history of the legend "Salaman and Ibsal" [in Uzbek with summary in Russian]. A. Irisov. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1 20-26 '60.

LEGISLATION

Important legislation of foreign states, September, 1959-January, 1960. Sov. gos. i pravo no. 5·158-162 My '60.

Important legislative acts of foreign states, February-March, 1960. Sov. gos. i pravo no. 6·150-155 Je '60.

LEGUMES

More vegetable proteins. S. Chernobryvenko. Nauka i zhyttia 10 no 2 23-24 F '60.

LEIPZIG—EXHIBITIONS

Exhibition on standardization in Leipzig. F. F. Rekovskii. Standartizatsiia 24 no. 3·60-62 Mr '60.

LEIPZIG—FAIRS

Leipzig Spring Fair in 1960. Vest. mash. 40 no. 3·82-83 Mr '60.

LEISHMANIASIS

Comparative evaluation of some preparations in the treatment of internal leishmaniasis in children. V. G. Mikhailov. Med. zhur. Uzb. no. 5:20-31 My '58.

LENA DELTA REGION—GEOLOGY, STRATIGRAPHIC

Some recent data on the conditions of the formation of Lukumay strata of the Olenek coal-bearing series on the left bank of the Olenek and Bulkurskaya arms of the Lena Delta. I. I. Vashchenko. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:123-128 '59.

LENA VALLEY—RAIN AND RAINFALL

Rains in the Lena basin. A. D. Zamorskii. Probl. Arkt. no. 6:63-70 '59.

LENIN, VLADIMIR IL'ICH, 1870-1924

About Lenin. Sun Yat-sen and others. Kul't. i zhizn' 4 no. 4:8-12 '60

Academic sessions dedicated to the 90th anniversary of V. I. Lenin's birth. M. P. Gapochka, Zh. V. Konstantinov, I. S. Korzheva Vop. filos. 14 no 6:147-152 '60.

The agrarian program of the proletarian party as depicted in Lenin's works of the 1890's. IU. B. Gertman. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2:67-80 Mr-Ap '60.

Akademiia nauk SSSR. Institut vostokovedeniia. [Lenin and the East; a collection of articles] Lenin i Vostok; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 304 p.

Bookshelf. Kul't. i zhizn' 4 no. 4·64 '60.

Brief news. Agitator no. 7:63-64 Ap '60.

Communism is Soviet power plus electrification of the whole country. I. Syromiatnikov. NTO 2 no. 4·7-9 Ap '60

Communist education of students through examples from V. I. Lenin's life. V. G. Mushkin. Prep. ist. v shkole 15 no. 2:44-49 Mr-Ap '60.

Comrade Lenin M. Ol'minskii Sov pech no 3 4-5 Mr '60.

Conducting lessons on the subject of the beginning of V. I. Lenin's revolutionary activity A V. Eriukhin. Prep ist. v shkole 15 no. 2.49-51 Mr-Ap '60.

Countrymen. R. Zernova. Ogonek 38 no. 16:18-21 Ap '60.

Critical evaluation of relativism by V. I. Lenin. A. G. Nikitina. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1: 27-37 '60.

Dear words of Il'ich. A. Zhukov. Kryl. rod. 11 no. 4:5 Ap '60.

The dearest ("Lenin", collected articles by N. K Krupskaia Reviewed by A Koloskov) Agitator no 6 56-58 Mr '60

Efficiency expert's advice M Bochkareva Chto chitat' 3 no 3 40 Mr '60.

Eternally alive Sots kul't 11 no 3 27 Mr '58

The 50th anniversary V. I. Lenin's book "Materialism and empiric criticism" A. P Filipov Vest Inst po izuch SSSR no 1 61-81 Ja-Mr '60

Following the path of the great Lenin Svetotekhnika 6 no. 4·1-3 Ap '60.

For the 90th anniversary of V. I. Lenin's birthday. Okhr. truda i sots. strakh. 3 no 4·1-7 Ap '60

For the 90th birth anniversary of V. I. Lenin. Rus. iaz. v shkole 21 no. 2;1-7 Mr-Ap '60.

Forty years ago. S. Val'shonik. Sov. pech. no. 4;32 Ap '60.

Friend of science. F. N Petrov. Nauka i rel no. 4 24 Ap '60.

Gililov, S S. [V. I Lenin, the organizer of the Soviet multinational State] V. I Lenin - organizator Sovetskogo mnogonatsional'nogo gosudarstva. Moskva, Gos. izd-vo polit. lit-ry, 1960. 236 p

Great power of Lenin's ideas; on the 50th anniversary of V. I. Lenin's "Materialism and empiric criticism." IU. A. Aseev Uch. zap. kaf. obshchestv. nauk vuz. g. Len. no. 2;160-184 '60.

He was great in big and small things. N. Barbinov. Prom. koop. 14 no. 4 5 Ap '60

Here Il'ich made a speech. P. Arzamastsev. Izobr. i rats. no. 4·6-7 Ap '60.

History of a photograph. I. Tverskoi, N. Chernikov. Ogonek 38 no. 16:24 Ap '60.

How Lenin entered my life. G. Monmousseau. Ogonek 38 no. 16:29 Ap '60.

How V. I. Lenin developed Marxist dialectic in the postrevolutionary period. L. N. Suvorov. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1;16-26 '60.

How we took down the leader's speeches. M. Gliasser. Sov. pech. no 3 7-8 Mr '60.

A humanist in things great and small. Sov. Soiuz no 4 13 '60.

Ideas and precepts of Lenin in the formation of the Soviet public health system K F Duplenko Vrach delo no 4 337-343 Ap '60

In a district seminar. Kul't.-pros. rab. 21 no. 2;58-59 F '60.

In all languages of the world. Agitator no. 6·59-60 Mr '60.

In the course of work... E. Zharova. Ogonek 38 no. 15: 15 Ap '60.

In the editorial offices of "Proletarii" and "Vpered " A. Shlikhter. Sov pech no. 3 6-7 Mr '60

In the hearts and thoughts of the people. IU. Sidorova. Chto chitat' 3 no 3 29 Mr '60

In the sunlight of Lenin's ideas we are marching toward the summit of communism, on the 90th anniversary of V I Lenin's birth. V. Stepanov Agitator no 6,4-13 Mr '60.

Incandescence of his life. A. Aleksandrov. Smena 37 no. 8;4-5 Ap '60.

Inspiring figure of journalist and editor. Sov. pech. no. 4;6-16 Ap '60.

Invigorating and victorious ideas of Lenin. Komm. Ukr. 35 no. 3 31-42 Mr '60.

It was in Longjumeau... I. Belostotskii. Ogonek 38 no. 16:12 Ap '60.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Great power of Lenin's ideas] Velikaia sila leninskikh idei. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 534 p.

Konstantinov, F. T. [Lenin's theory of the socialist revolution and its further development] Leninskaia teoriia sotsialisticheskoi revoliutsii i ee dal'neishee razvitie. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 16)
MH

Kozlovskii, V. E. [V. I. Lenin on the dialectic of contradictions] V. I. Lenin o dialektike protivorechii. Moskva, Znanie, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2. Filosofiia, no. 7)
MH

Krzhizhanovskii, G. M. [Thinker and revolutionary] Myslitel' i revoliutsioner. Moskva, Gos. izd-vo polit. lit-ry, 1959. 30 p.
(CU)

Leading figure in science. N. Demenov. NTO 2 no. 4· 5-6 Ap '60.

Lenin alive. A. Chlenov. Kul't. i zhizn' 4 no. 4·41-44 '60

Lenin and children Z K. Shnekendorf. Nach. shkola 28 no. 4,14-24 Ap '60.

Lenin and France Maurice Thorez. Vop. ist. no 6 10-26 Je '60.

Lenin and radio. Radiotekhnika 15 no. 4·1-7 Ap '60.

Lenin and Soviet cartography. V. G. Churkin. Izv. Vses. geog ob-va 92 no. 3:205-215 My-Je '60.

Lenin and the fate of Africa. I. Potekhin. Ogonek 38 no. 16;25 Ap '60.

Lenin and the present. Kul't. i zhizn' 4 no 4:3-7 '60.

Lenin as a leader and promoter of science. Fiziol. rast. 7 no. 3;257-260 '60.

Lenin Book Day. Kul't.-pros. rab. 21 no. 3;10-11 Mr '60.

Lenin is our banner, our pride, our glory! Nauka i rel no 4·3-9 Ap '60

Lenin is the banner of our victories. NTO 2 no. 4·2-4 Ap '60.

Lenin lived here ("Lenin in Germany" by K. Streb, "Al-- Lenin places in London" by V. M. Semenov. Reviewed by V. Stepanov). Kul't. i zhizn' 4 no. 4.61-62 '60.

Lenin on cultural and educational work. A. Brudnyi. Klub 9 no 3·15-16 Mr '60.

Lenin, peace, coexistence V Leont'ev Sov Soiuz no 4 10-12 '60

Lenin readings on the collective farm. V. Skomorokhov. Kul't.-pros. rab. 21 no. 3;6-9 Mr '60.

Lenin wanted to establish perfect working conditions for all technicians. K. P. Gorbunov. Izobr. i rats. no. 4: 2-5 Ap '60.

Lenin with us. Obshchestv pit. no 4 3-4 Ap '60

Lenin's articles. S G Uralov. Nauka i rel no 4 23 Ap '60

Lenin's books in the U. S. S. R. Kul't. i zhizn' 4 no. 4:7 '60.

Lenin's doctrine of the socialist state. IU. V. Todorskii. Prep. ist. v shkole 15 no. 2;22-23 Mr-Ap '60.

Lenin's favorite books IU Zubov. Chto chitat' 3 no 3 24-25 Mr '60

Lenin's electrification plan in action. Zhel-dor. transp. 42 no. 4;p. 32a-32d Ap '60.

Lenin's ideas are undefeatable. B. Dzhumagaliev. Nar. khoz. Kazakh. 16 no 3;3-9 Mr '60.

Lenin's ideas live and conquer. Avtom., telem. i sviaz' 4 no. 4:1-3 Ap '60.

Lenin's ideas of proletarian internationalism. M. V. Parnov. Prep. ist. v shkole 15 no. 2;34-43 Mr-Ap '60.

Lenin's ideas on the building of state farms are put into practice. F Trizno, S. Bykov. Ekon. sel'khoz. 31 no. 3;15-22 Mr '60.

Lenin's immortal heritage. N. G. Sevriugina. Prep. ist. v shkole 15 no. 2;97-99 Mr-Ap '60.

Lenin's legacy in action. V. I. Prokhorov. Sov. profsoiuzy 16 no. 8;10-16 Ap '60.

Lenin's living word rings today as it did yesterday. Chto chitat' 3 no. 3 31-35 Mr '60.

Lenin's name on the map. Kul't.-pros. rab. 21 no. 3 12 Mr '60.

Lenin's plan for the reorganization of the Central Control Committee of the Workers' and Peasants' Inspection. I. M. Sorokovanova. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2:41-55 Mr-Ap '60.

Lenin's precepts for atheists G. Vorontsov. Nauka i rel. no 4 17-21 Ap '60.

Lenin's principle of the theory of material self-interest and collective farm wages [with summary in English]. N. T. Osipov. Vest. LGU 15 no. 11:111-123 '60.

Lenin's theory of state capitalism in the transition period and its international significance [with summary in English]. M. V. Zakharova. Vest. LGU 15 no. 11:13-23 '60.

Lenin's voice. B. Gol'tsev. Ogonek 38 no. 16;17 Ap '60.

Lenin's word. IA. El'kovich. Smena 37 no. 8;14-15 Ap '60.

Lenin's writings on the unity of the working class. I. S Galkin. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2.5-14 Mr-Ap '60.

Leont'ev, L. A. [Lenin's theory of imperialism] Leninskaia teoriia imperializma. Moskva, Znanie, 1960. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 13)
(MH)

Life of V. I. Lenin ("V. I. Lenin; biography" by P. N. Pospelov and others. Book review). Ogonek 38 no. 17.3 Ap '60.

Light of a great love. M. Vinokurov. Sov. pech no 3 20-23 Mr '60.

Lively and energetic newspaper work. A. Zhigulev. Sov. pech. no. 4;34-36 Ap '60.

[illegible], A. V. [Reminiscences about Lenin] [illegible] Lenine. Moskva, Gos. izd-vo polit. lit-ry, [illegible] 31 p.

[illegible], V. I. [V. I. Lenin on the dialectic of the [illegible] world] V. I. Lenin o dialektike [illegible] Moskva, Izd-vo "Znanie," [illegible] 46 p. (Vses. ob-vo po rasprostraneniu [illegible] znanii. Ser. 3, Filosofiia [illegible])

[illegible] dedicated to the 90th [illegible] of Vladimir Il'ich Lenin's birthday. [illegible] Nach. shkola 20 no. 1 77-81 Mr '60.

[illegible] with Lenin. B. N. Gil'. Ili. nat. no. 4 19 Ap [illegible]

[illegible] logical basis of V. I. Lenin's criticism of the [illegible] political content of positivism [with summary [illegible]]. Iu. A. Ancev. Vest. LGU 15 no. 11 80-90 [illegible]

[illegible] Akademiia obshchestvennykh nauk. [Great [illegible] of the Ideas of Leninism] Velikaia [illegible] Moskva, Izd-vo VPSh i AON pri [illegible], 1960. 483 p.

[illegible], M. A. [V. I. Lenin in the last years of his [illegible]] V. I. Lenin v poslednie gody zhizni, 1921-1924 gg. [illegible] Kyzyl, [illegible], 1959. 120 p.

[illegible] R. P. Sverdlova. Ogonek 38 no. [illegible] 17 Ap '60.

[illegible] V. I. Lenin [illegible] G. I. Vygon. [illegible] 15 no. 2 72-74 Mr-Ap '60.

[illegible] always with us. [illegible] 7 10 [illegible] '60.

[illegible] no. 4 1-2, 6 12-15 24 [illegible] Ap '60.

[illegible] graphy of Vladimir Il'ich Lenin. [illegible] 8-12 Ap '60.

[illegible] of the birth of V. I. Lenin. Avtom [illegible] 31 no. 4 433-435 Ap '60.

[illegible] set up by the great Lenin are being reached. [illegible] 21 no. 4 2 Ap '60.

[illegible] [illegible] 3/15 Mr '60.

[illegible] "The village" [illegible] 3 6 5 Mr [illegible]

[illegible] of Vladimir Il'ich [illegible] 15 [illegible] 4 1 5 Ap '60.

[illegible] [illegible] reminiscences by old [illegible] meetings with V. I. Lenin] Nash Il'ich, [illegible] Moskva, [illegible], 1960. 315 p.

[illegible] A. [illegible] 15 [illegible]

[illegible], I. F. [V. I. Lenin, the great strategist of the [illegible]] V. I. Lenin - velikii strateg [illegible] Moskva, Izd-vo "Znanie," [illegible] 38 p. (Vses. ob-vo po rasprostraneniu [illegible] znanii. Ser. 1, Istoriia, [illegible])

[illegible] A. Petrov. Ogonek 38 no. 16 [illegible]

[illegible] 4 12 20 [illegible]

[illegible] on the [illegible] 15 no. 3 25-27 Mr '60.

[illegible] V. A. [illegible] 11 Ap '60.

[illegible] I. M. [illegible] 1 2 15 Ap '60.

[illegible], A. [illegible] Agitator no. 5 8 12 Mr '60.

[illegible] V. I. Lenin. [illegible] Artemov. [illegible] 62 no. 4 [illegible] Ap '60.

[illegible] V. [illegible] Ogonek 38 no. 15 [illegible] '60.

[illegible], P. A. [Lenin, the party, and the masses. [illegible] of the Central Committee of the Russian Communist Party (Bolsheviks), under the leadership of [illegible] to strengthen the ties with the masses, 1921-[illegible]] Lenin. Partiia. Massy. Deiatel'nost' TsK [illegible] V. I. Lenina po ukrepleniiu sviazei [illegible] 1921-1923. Moskva, Izd-vo sotsial'no-[illegible] lit-ry, 1960. 383 p.

[illegible] V. I. Lenin [illegible] 51 no. 2 1 Mr '60.

[illegible] memory of Lenin. V. [illegible] 15 no. 4 116-117 Ap '60.

[illegible] of Lenin's ideas for the development of the [illegible] I. G. Cheban [illegible] 4 343-344 Ap [illegible]

[illegible] a literary [illegible] Mr '60.

[illegible], E. L. [V. I. Lenin on technological progress; [illegible] of a lecture delivered in the hall of the [illegible] of Moscow] V. I. Lenin o tekhnicheskom [illegible] Moskva, Izd-vo "Znanie," 1960. 36 p. (Vses. ob-vo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 19)

"State in the article everything that you were saying ..." [illegible] Ist. [illegible] no. 3 5 6 Mr '60.

Statements by world famous writers. A. Gorbunov. Chto chitat' 3 no. 3 20 Mr '60.

[Stories about Lenin told by workers] Rasskazy rabochikh o Lenine. Moskva, Izd-vo VTsSPS Profizdat, 1960. 175 p.

Study of V. I. Lenin in school. Nach. shkola 20 no. 3 10-11 Mr '60.

Teacher and friend. P. D. Starova. Chto chitat' 3 no. 3 6-7 Mr '60.

"Throughout the whole world goes the procession of Lenin's thoughts, words, and deeds." M. Bochkareva [illegible] 9 no. [illegible] 14 [illegible] '60.

To live and to work in Lenin's way. M. A. Mel'nikova, O. M. Nikiforova. Nach. shkola 20 no. 4 8 11 Ap '60.

To V. I. Lenin, Council of People's Commissars, the Kremlin, Moscow; letters from workers. [illegible] 21 no. 1/2 3 Mr '60.

Traits of a great portrait. V. [illegible] Ogonek 38 no. 11 10-11 Mr '60.

Traits of a great portrait (to be concluded). V. A. [illegible] Ogonek 38 no. 9 [illegible] '60.

Triumph of Lenin's theory of socialist democracy. [illegible] Kommunist 34 no. 1 21-29 Mr '60.

Unforgettable. A. Aslanian. [illegible] no. 4 11-34 Ap '60.

Unforgettable days. A. Shalfeev. [illegible] 14 no. 4 [illegible] Ap '60.

Unforgettable meetings. M. Osipov. Kryl. rod. 11 no. 4 3-4 Ap '60.

Unforgettable meetings. [illegible] no. 8 10 Ap '60.

[illegible] V. I. Lenin. [illegible] no. 4 [illegible] Ap '60.

A useful [illegible] ("Propaganda of V. I. Lenin's works and literature dedicated to him.") [illegible] Agitator no. 12 51-53 Je '60.

V. I. Lenin and [illegible] M. I. [illegible] 15 no. 2 [illegible] Mr-Ap '60.

V. I. Lenin and [illegible] transportation. [illegible] Vest. [illegible] 12 no. 2 3 8 '60.

V. I. Lenin and [illegible] in Russia. [illegible] 31 no. 3 [illegible] 20 Mr '60.

V. I. Lenin [illegible] Ap '60.

V. I. Lenin and the 1922 Genoa Conference. [illegible] Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2 17-30 Mr-Ap '60.

V. I. Lenin [illegible] Mr '60.

V. I. Lenin [illegible] Ap '60.

V. I. Lenin [illegible] Vest. [illegible] 15 no. 6 3-12 '60.

V. I. Lenin [illegible] and the present day capitalist reality. [illegible] 14 no. 6 [illegible] Je '60.

V. I. Lenin [illegible] no. 8 12 Ap '60.

V. I. Lenin [illegible] Ap '60.

V. I. Lenin [illegible] 2 Ap '60.

V. I. Lenin [illegible] 15 no. 3 22 24 Mr '60.

V. I. Lenin [illegible] Mr '60.

V. I. Lenin on socialist legality. [illegible] 5 11 17 My '60.

V. I. Lenin on the attitude of empiriocriticism to natural laws [with summary in English]. A. A. Satylganov. Vest. LGU 15 no. 11 77-85 '60.

V. I. Lenin on the [illegible] no. [illegible] '60.

V. I. Lenin on the role of ideology in [illegible] Mr-Ap '60.

V. I. Lenin's childhood and youth. A. P. [illegible] 15 no. 3 23-101 Mr-Ap '60.

V. I. Lenin's conception of the nature of movement and its significance in the fight against metaphysics [with summary in English]. V. I. Sviderskii. Vest. LGU 15 no. 11 61-70 '60.

V. I. Lenin's creation of the theoretical basis of statistics [with summary in English]. I. P. Suslov. Vest. LGU 15 no. 11 5-12 '60.

V. I. Lenin's development of the theory of scientific communism [with summary in English]. V. P. Rozhin. Vest. LGU 15 no. 11 36-48 '60.

V. I. Lenin's development of the theory of the state, based on V. I. Lenin's works of 1917-1920 [with summary in English]. Z. M. Protasenko. Vest. LGU 15 no. 11 49-62 '60.

V. I. Lenin's name on the geographical map. F. M. Poppo-kov. Geog. v shkole 23 no. 2 2-4 Mr-Ap '60.

V. I. Lenin's "philosophical notebooks" and the theory of law [with summary in English]. D. A. Kerimov. Vest. LGU 15 no. 11 97-108 '60.

V. I. Lenin's role in the creation of the Russian Basin Autonomous Industrial Colony. V. I. Kotel'nikov. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2 27-36 Mr-Ap '60.

V. I. Lenin's views on [illegible] of expansion in socialist [illegible] I. P. [illegible] 43 no. 4 1-10 Ap '60.

Vinogradov, V. G. [V. I. Lenin on education] V. I. Lenin o prosveshchenii. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniu politicheskikh i nauchnykh znanii. Ser. 3, Filosofiia, no. 13)

Vladimir Il'ich Lenin. [illegible] A. Volkov. Nach. shkola 20 no. 4 1-7 Ap '60.

We celebrate the anniversary of V. I. Lenin's birthday; collected notes. [illegible] 11 no. 4 6-9 Mr '60.

What should be read on V. I. Lenin in lessons on extracurricular reading. [illegible] N. [illegible] Nach. shkola 20 no. 4 [illegible] 18 Ap '60.

What we should read about Il'ich. Z. Medvedeva. [illegible] shkola 15 no. 4 [illegible] '60.

When Lenin is in their hearts. V. Rudina. Ogonek 38 no. 16 14-15 Ap '60.

When Lenin lived in Pskov ... G. Deich. Ogonek 38 no. 12 29 Mr '60.

Williams, Albert Rhys. [Lenin and the October Revolution. Translated from the English. Preface by Boris Polevoi] O Lenine i Oktiabr'skoi revoliutsii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 206 p.

The wisdom of our leader illuminates our path. V. [illegible] N. Nikiforova. Chto chitat' 3 no. 4 16 18 Mr '60.

Wise and [illegible] 32 no. 6 24 Ap '60.

LENIN, VLADIMIR IL'ICH, 1870-1924 - BIBLIOGRAPHY
see Bibliography - Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924 - HOMES AND HAUNTS

Lenin in the [illegible] Ukraina [illegible] 5 11 Mr '60.

LENIN, VLADIMIR IL'ICH, 1870-1924 - MONUMENTS, ETC.

History of a [illegible] Ukraina [illegible] 8 15 Mr '60.

LENINABAD (TADZHIKISTAN PROVINCE) - [illegible] HOSPITALS AND SANATORIUMS

Work of the [illegible] M. [illegible] 6 [illegible]

LENIN IN LITERATURE AND ART

[illegible] Mr '60.

[illegible] Ap '60.

[illegible] M. [illegible]

Made of living flowers. M. [illegible] Ili. nat. no. 4 [illegible] Ap '60.

[illegible] Mr '60.

V. I. Lenin [illegible] M. [illegible] Ap '60.

[V. I. Lenin in works by Soviet artists; in commemoration of the 90th anniversary of his birth] V. I. Lenin v proizvedeniiakh sovetskikh khudozhnikov, k 90-letiiu so dnia rozhdeniia. [Moskva, Sovetskii khudozhnik, 1960] 10 p., 75 plates
(MIU)

[illegible] Mr '60.

LENIN IN LITERATURE AND ART - BIBLIOGRAPHY
see Bibliography - Lenin in literature and art

LENIN PRIZES

The Lenin Peace Prize [illegible] Mikhail [illegible] 8 [illegible] Je '60.

[illegible] Ogonek 38 no. [illegible] My '60.

Lenin Prize winners [illegible] of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 30 no. 6 43-51 Je '60.

Lenin Prizes for outstanding work in the field of [illegible] architecture. [illegible] I. P. Chernov. [illegible] no. 2 110-111 '60.

Most talented and most purposeful. N. [illegible] Ogonek 38 no. 18 [illegible] My '60.

Recipients of the Lenin Prize for 1960. Usp. fiz. nauk. 71 no. 2 349 Je '60.

Stepanova, V. K., and V. V. [illegible] [Lenin Prizes for 1959 in the natural sciences and technology, a bibliography] Leninskie premii 1959 goda v oblasti estestvoznaniia i tekhniki, rekomendatel'nyi ukazatel' literatury. Pod red. [illegible] Leningrad, Gos. publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1959. 18 p.

Works in the field of history of science received in the [illegible] for the Lenin prizes. Prep. ist. v shkole 15 no. 2 [illegible] Mr-Ap '60.

LENINABAD SILK MANUFACTURE - TECHNOLOGICAL INNOVATIONS

Masters of their own destiny. R. Khodzhaev, P. Prisla-[illegible]. VTO 2 no. 4 22-23 Ap '60.

LENINAKAN—DYSENTERY

Observations on the foci of bacillary dysentery. M.S. Ambartsumian. Med. sestra 19 no.4:34-35 Ap '60.

LENINGRAD—ACCIDENTS—STATISTICS

Accident cases among those hospitalized. S.IA. Freidlin. Trudy Len.gos nauch.-issl inst.travm i ortop no 7. 341-350 '58

LENINGRAD—ANTHROPOLOGICAL MUSEUMS AND COLLECTIONS

Description of A.L. IAshchenko's Australian collection in the Museum of Anthropology and Ethnology V P Kabo Sbor Muz ant i etn 19 111-167 '60

Hawaiian collections in the Museum of Anthropology and Ethnology IU M Likhtenberg Sbor.Muz ant i etn. 19 168-205 '60.

LENINGRAD—APARTMENT HOUSES

Assembling houses by the method of lifting stories L Gal'perin Arkhit SSSR no 6 43-48 '60

Building residential blocks I M Chaiko Stroi i arkhit Len 22 no 2 4-10 '60

Constructing large-block apartment houses. D. Malyshev. Stroitel' no.4'5-7 Ap '60.

Economic effectiveness of organizing industrialized housing construction in Leningrad A. Efimov, G. Chulkevich. Ekon.stroi no.3 36-42 Mr '60

Houses built of silicate blocks A P Shcherbenok Stroi i arkhit Len 22 no 2 15-17 '60

Urban development and industrialization. A.A. Liubosh. Stroi.i arkhit.Len. 22 no.3'7-11 '60.

LENINGRAD—ARABIC STUDIES

Arabic studies in Leningrad for the past forty years. V.I. Beliaev. Uch zap.Inst.vost. 25 218-253 '60.

Historical study of the Arabic countries in Leningrad. A.F Iskanerov. Uch zap.Inst.vost. 25:254-262 '60.

LENINGRAD—ART—EXHIBITIONS

The exhibition "Materials on the history of Russian culture during the first quarter of the 19th century " A. Pomarnatskii Soob.Gos Erm no.15'7-8 '59.

Temporary exhibitions. Soob.Gos.Erm. no.16,5-10 '59.

Temporary exhibits. Soob.Gos.Erm no.15'9-12 '59.

LENINGRAD—ART, JAPANESE—EXHIBITIONS

Exhibition of Japanese art. V. Dashkevich, M. Krechetova. Soob.Gos.Erm no.15'8-9 '59.

LENINGRAD—ART GALLERIES AND MUSEUMS

An exhibition entitled "The Hermitage during 40 years of Soviet rule." D Timofeev. Soob.Gos Erm. no.15,8 '59.

LENINGRAD—AUTHORS

"Literary landmarks of Leningrad." Reviewed by V. Manuilov Zvezda no 2'219 F '60

LENINGRAD—BAR ASSOCIATIONS

Such conferences are of great use. A. TSubin. Sov.iust. no.2 50-52 F '60.

LENINGRAD—BOARDING SCHOOLS

Doing homework in primary grades of boarding schools. I F Goncharov. Nach shkola 28 no.4:73-78 Ap '60

LENINGRAD—BOOKSELLERS AND BOOKSELLING

Advertising a book in a store and its effectiveness N Rybchinskii Sov knizh torg 12 no 2 29-30 F '60

Leningrad Communist Youth League members are bookmen S Lobanov Sov knizh torg 12 no 2 15-16 F '60

LENINGRAD—BUILDING

Competition among Moscow and Leningrad builders. Stroi.i arkhit.Len. 22 no.3'3 of cover '60.

In the Executive Committee of the Leningrad City Soviet. Stroi.i arkhit.Len. 22 no.3'3 of cover '60.

LENINGRAD—BUILDING MACHINERY INDUSTRY—ACCOUNTING

Faershtern, N.D., M.L. Kats, and A.I. Ivanisov. [Method of planning and rules for accounting in industrial management without workshops, from the work practice of the Leningrad Building Machinery Plant] Planirovanie i normativnyi metod ucheta pri bestsekhovom upravlenii proizvodstvom, Is opyta raboty Leningradskogo zavoda stroitel'nykh mashin. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 69 p.

[MICROFILM]

LENINGRAD—BUILDING RESEARCH

Leningrad Branch. G.D. Platonov Izv ASiA no.4: 157-158 '59.

LENINGRAD—BUILDING TRADES—STUDY AND TEACHING

Popov, B.D., S.L. Slivker, and F.G. Korzhenevich. [On-the-job training of workers on construction sites, practices of the Main Administration for Housing and Public Construction in the City of Leningrad] Proizvodstvenno-tekhnicheskoe obuchenie rabochikh na stroitel'stve, Iz opyta Glavleningradstroia. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 153 p.

LENINGRAD—CATALOGS, LIBRARY

Leningrad. Universitet. Biblioteka. [Guide to the catalogs of the Gor'kii Science Library of Leningrad University] Putevoditel' po katalogam Nauchnoi biblioteki imeni Gor'kogo pri LGU. [Leningrad] Izd-vo Leningr.univ., 1958. 13 p.
(NIC)

LENINGRAD—CHINESE STUDIES (SINOLOGY)

Chinese studies in Leningrad for the past forty years. Z.I. Gorbacheva, L.N. Men'shikov, N.A. Petrov. Uch. zap.Inst.vost. 25;82-101 '60.

LENINGRAD—CITY PLANNING

Group of apartment houses at the entrance to the Kalinin District. A.K. Barutchev. Stroi.i arkhit.Len. 22 no.3;34 '60.

New residential sections. G.I. Pribylovskii. Stroi.i arkhit.Len. 22 no.3;35 '60.

Planning and building housing developments in large areas between highways. V.A. Vitman; A.V. Makhrovskaia. Stroi.i arkhit.Len. 22 no.3'12-14 '60.

Planning and building new residential districts in Leningrad. A Naumov Arkhit SSSR no.3 17-23 '60.

What's new in planning and building in Leningrad. A.I. Naumov. Stroi.i arkhit.Len. 22 no.3:1-6 '60.

LENINGRAD—CLOTHING INDUSTRY—LABOR PRODUCTIVITY

What hampers the growth of labor productivity? M.M. Krasnoshchekov. Shvein.prom. no.1:9-12 Ja-F '60.

LENINGRAD—COLLEGE AND SCHOOL JOURNALISM

Efficacy of the school press. I.IA. Maslaisov. Sov. pedag. 24 no.3,79-86 Mr '60.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Measure your strength G Kapralov Agitator no 12' 57-58 Je '60

LENINGRAD—COMMUNITY AND SCHOOL

Beautiful impulses of the soul. V. Skorobogatov. Ogonek 38 no.19 17 My '60.

LENINGRAD—COMPRESSORS

Modernization of the 1G226-320 compressor regulators. E B Dobroklonskii. Khim.mash no 2 39-40 Mr-Ap '60

LENINGRAD—CONCRETE SLABS

Conveying lines for making keramzit-concrete wall slabs A V Kann, S O Kontorovich. Stroi mat. 6 no.3 4-7 Mr '60

LENINGRAD—CONFECTIONERY—EQUIPMENT AND SUPPLIES

Machine for gluing shut the openings of crimped boxes filled with the finished product and for pasting trademark wrappers on them. S.S. Smirnov. Khleb.i kond. prom. 4 no.3.14-16 Mr '60.

LENINGRAD—CONSTRUCTION INDUSTRY

In the Executive Committee of the Leningrad City Soviet Stroi i arkhit Len 22 no.2 3 of cover '60

Machines are building the house. K. Cherevkov. Ogonek 38 no.12-18-19 Mr '60.

LENINGRAD—CRIMINAL INVESTIGATION

Investigator's persistence. V. Shtriker. Pozh.delo 6;9-10 Je '60.

LENINGRAD—DRAWINGS

The Section of Drawings in the State Hermitage. T. Kamenskaia. Soob.Gos.Erm. no.15;3-5 '59.

LENINGRAD—ENTOMOLOGICAL SOCIETIES

A survey of the activities of the All-Union Entomological Society during the past hundred years (1859-1959). G.IA. Bei-Bienko. Ent.oboz. 39 no.1,5-33 '60.

LENINGRAD—ENVIRONMENTAL CHAMBERS

Tropics of Vasil'evskiy Island. G. Mishkevich. IUn.tekh. 4 no.2'18-23 F '60.

LENINGRAD—EXCAVATING MACHINERY

Introducing new machinery and techniques at the Leningrad Excavator Plant V.I Morozov. Stroi.i dor. mashinostr. 5 no.3,31-32 Mr '60.

LENINGRAD—FACTORY LIBRARIES

At the "Proletarskaia Pobeda" Plant. V. Pochetnyi, V. Kirsanov, F. Voronin. Bibliotekar' no 6'18-19 Je '60

At the S.M. Kirov Meat-Packing Plant. I. Bruntaeva, M Kleinberg Bibliotekar' no 6;19-20 Je '60

LENINGRAD—FLIGHT TRAINING

From simple to difficult. V. Trekhin, M. Sheinin. Grazhd. av. 17 no.2;17-18 F '60.

LENINGRAD—FLOWER SHOWS

How to create a continuous flower display. V. Romanov. Zhil.-kom.khoz. 10 no.4'23-24 '60.

LENINGRAD—GEOGRAPHY—STUDY AND TEACHING

From the experience of studying the local district. A.V. Ashnina. Prep.ist.v shkole 15 no.2,81-82 Mr-Ap '60.

LENINGRAD—HISTORICAL LIBRARIES

The library of Voltaire in Leningrad N V Varbanets, T.N Kopreeva. V zashch mira no 4 54-61 Ap '60

LENINGRAD—HOISTING MACHINERY

Through an industrial plant with a pencil. O. Isaeva. Agitator no.6'42-43 Mr '60.

LENINGRAD—HOSIERY INDUSTRY

Outstanding looper operator, N.S. Solov'eva. I.I. Bobrovskaia, L.F. Gromyshev. Tekst.prom. 20 no 2 67 F '60.

LENINGRAD—HYDRAULIC TURBINES

Technical progress in the construction of hydraulic turbines at the Leningrad Metalworking Plant during the current seven-year plan. G.S. Shcheglov. Energomashinostroenie 6 no 3 1-4 Mr '60.

LENINGRAD—INDUSTRIES

A history of the evacuation of industry during the early period of military intervention in the civil war; based on Petrograd documents. D.A. Kovalenko. Nauch.dokl. vys.shkoly; ist.nauki no 2:105-121 '58.

LENINGRAD—INSURANCE, SOCIAL

Considerations concerning a budget. V. Malykhin, G. Shapiro. Okhr.truda i sots.strakh. 3 no.2;13-17 F '60.

LENINGRAD—LABOR COURTS

Fellow workers' court at the Kirov Plant. G. Dun', IU. Petrov Sov.iust. no 3 34-36 Mr '60.

LENINGRAD—LANDSCAPE GARDENING

Landscaping microdistricts L.M Tverskoi. Stroi i arkhit.Len 22 no 2 11-14 '60

LENINGRAD—LAW SCHOOLS

International contacts of the Leningrad University Law Faculty in 1959. V.N. Smirnov. Vest.LGU 15 no.11: 147-151 '60.

LENINGRAD—LIBRARIES

Common plan for library service. E. Kuzhel'nkova, I. Mitgarts. Bibliotekar' no.6 7-9 Je '60.

LENINGRAD—MACHINERY INDUSTRY

Conference at the Kirov Plant. M. Prasolov. NTO 2 no.3;56-57 Mr '60.

Vazhentsev, I.A. [At the forefront of heroic workers, the party organization of the Kirov Plant during the Great Patriotic War] Vo glave geroicheskogo kollektiva, partiinaia organizatsiia Kirovskogo zavoda v gody Velikoi Otechestvennoi voiny. [Leningrad] Lenizdat, 1959 274 p.

LENINGRAD—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Fulfill the seven-year plan for labor productivity in five years. Sots.trud 5 no.2:116-121 F '60.

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Transmitting duties of technical councils to sections of the scientific technological society A Men'shikov, I. Gokhfel'd NTO 2 no 3 45-46 Mr '60.

LENINGRAD—MUSEUMS

Under the dome of the Kazan Cathedral. A. Ilgin. Nauka i rel. no.3;80-82 N '59.

LENINGRAD—MUSIC MUSEUMS

Unique collection. V. Vnukovskaia. Znan.sila 35 no.3 19 Mr '60.

LENINGRAD—OCCUPATIONAL THERAPY

First experience. S. Damsker. Sots.obesp. 21 no.2' 38-30 F '60.

LENINGRAD—OILS AND FATS

Operational experience with a newly introduced oil-extraction line equipped with the DS-70 belt-conveyer extractor. I.E. Bezuglov, V.N. Kurdiumov. Masl.-zhir.prom. 26 no.3;29-34 Mr '60.

LENINGRAD—ORIENTAL STUDIES

Activities of the Caucasian Section of the Institute of Oriental Studies after 1917. R.R. Orbeli. Uch.zap. Inst.vost. 25;68-81 '60.

LENINGRAD—PERSIAN LANGUAGE—STUDY AND TEACHING

The study of Tajik and Persian languages at the University of Peterburg. I.M. Oranskii. Och.po ist.rus. vostokoved. no.4:137-152 '59.

LENINGRAD—PRECAST CONCRETE CONSTRUCTION

Assembling the molding equipment at the Obukhovo Housing-Construction Combine. K.S Bol'shakov, Liang Ch'ing-feng. Stroi i arkhit Len 22 no.2:19-20 '60

Demidkin, A.S. [Large-panel construction] Iz opyta krupnopanel'nogo stroitel'stva. [Leningrad] Lenizdat, 1959. 54 p. (Novatory leningradskoi promyshlennosti)

Economic effectiveness of organizing industrialized housing construction in Leningrad. A. Efimov, G. Chulkevich. Ekon.stroi. no.3;36-42 Mr '60.

New forms of industrialized housing construction. V.IA. Isaev. Mekh.stroi. 17 no.4;8-15 Ap '60.

LENINGRAD – PRECAST CONCRETE CONSTRUCTION
(Continued)

Features of housing construction combines of the Main Administration for Housing and Public Construction in Leningrad K. Zazerskii. Stroi. i arkhit 8 no. 6·22-24 Je '60

Mikhailovskii, E. G. [New methods for organizing the industrialized housing construction, housing construction combines in Leningrad] Novye metody organizatsii industrial'nogo domostroeniia; domostroitel'nye kombinaty Leningrada. [Leningrad] Lenizdat, 1960. 53 p.

Verishnikov, S. M. [Industrialized housing construction in Leningrad, housing construction combines] Industrial'noe zhilishchnoe stroitel'stvo v Leningrade, domostroitel'nye kombinaty. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 333 p.

Ways of increasing efficiency of production of the Polyustrovo Housing Construction Combine. V. M. Lipovskii, S. L. Khotianov, L. G. IUzbashev. Stroi. i arkhit. Len. 21 no. 3 28-31 '60.

LENINGRAD—PRINTING INDUSTRY

Laboratories organize scientific and technical work at the plants M S Vaniukov. Poligr. proizv. no 3.25-26 Mr '60.

LENINGRAD—PRINTING PLANTS

Plan for a new newspaper and magazine printing combine Stroi i arkhit. Len 22 no 2 40 '60

LENINGRAD—PUPPETS AND PUPPET PLAYS

Puppet theater in German. L. D. Agranovskaia. Inostr. iaz v shkole no. 1 81-88 Ja-F '60.

LENINGRAD—RADIO

How we train radio technicians. V. Beliaev. Radio no 3 10 12 Mr '60.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.

First in Leningrad. A. Dlugach. Obshchestv. pit. no. 3: 31-33 Mr '60.

Practical results of the application of new methods to the public food service in Leningrad V Veber Obshchestv. pit no 4.49 Ap '60.

Semiprocessed food in lunchrooms for river boat crews. L. Bystritskii. Obshchestv. pit. no. 3·23-24 Mr '60.

Vegetables and plants for shaping and decorating dishes. B. Borovoi. Obshchestv. pit. no. 3 19-21 Mr '60.

Whole lunches without cash receipts. V. Kharchenko. Obshchestv. pit. no. 3 24 Mr '60.

LENINGRAD—REVOLUTION, 1917-1921

The hall in which the Provisional Government was put under arrest. T. Sokolova. Soob. Gos. Erm. no. 15:7 '59.

LENINGRAD—RUBBER INDUSTRY

On the 100th anniversary of Leningrad rubber factories (1860-1960). Kauch. i rez. 19 no. 6·1-9 Je '60.

LENINGRAD—RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Centralized control and regulation of molding equipment. L D. Grishman, S. B. Krichevskii. Kauch. i rez. 19 no. 3 49-53 Mr '60.

LENINGRAD—RUSSIAN NEWSPAPERS

Through an industrial plant with a pencil. O. Isaeva. Agitator no. 5·42-43 Mr '60.

LENINGRAD—SIEGE, 1941-1944

Vaibentsev, I. A. [At the forefront of heroic workers; the party organization of the Kirov Plant during the Great Patriotic War] Vo glave geroicheskogo kollektiva, partiinaia organizatsiia Kirovskogo zavoda v gody Velikoi Otechestvennoi voiny. [Leningrad] Lenizdat, 1959 274 p.

LENINGRAD—SOAP INDUSTRY

Lozner, G. E. [Assembling, adjustment, and operation of units employed in the continuous manufacture of soap in a vacuum; operating experience of the Karpov Leningrad soap factory] Montazh, naladka i ekspluatatsiia ustanovok nepreryvnogo proizvodstva myla pod vakuumom; opyt Leningradskogo mylovarennogo zavoda im. Karpova. Moskva, GOSINTI, 1959. 37 p. (Obmen otechestvennym opytom)

LENINGRAD—SOAP INDUSTRY—EQUIPMENT AND SUPPLIES

GSL-30M crawler. S. K. Akatov. Masl.-zhir. prom. 26 no 4.44 Ap '60.

LENINGRAD—SOCIALIST COMPETITION

[Moscow - Leningrad] Moskva—Leningrad. [Moskva] Mosk. rabochii, 1960. 37 p.

LENINGRAD—STRIKES AND LOCKOUTS—PHARMACISTS

Recollections of the first strike of St. Petersburg pharmacists. A. U. Shats. Apt. delo 9 no. 2·56-58 Mr-Ap '60.

LENINGRAD—TAJIK LANGUAGE—STUDY AND TEACHING

The study of Tajik and Persian languages at the University of Peterburg. I. M. Oranskii. Och. po ist. rus. vostokoved. no. 4.137-152 '59.

LENINGRAD—TECHNOLOGICAL INNOVATIONS

Engineers and technicians of Lenin's city. V. Belianin. NTO 2 no. 4:10-12 Ap '60.

Results of a competition. M. Shabad. NTO 2 no. 4·55 Ap '60.

LENINGRAD—TELEPHONE, AUTOMATIC

Automatic control of intraprovince through calls at the Leningrad Long-Distance Telephone Office A P Morozov Vest sviazi 20 no 3 16-18 Mr '60

LENINGRAD—TELEPHONE DIRECTORIES

Russia (1917- R. S. F. S. R.) Ministerstvo sviazi. [Concise telephone directory of the Leningrad telephone system for 1960] Kratkii telefonnyi spravochnik Leningradskoi gorodskoi telefonnoi seti, 1960. Leningrad, Izd. Upr. Leningr. gorodskoi telefonnoi seti, 1960. 285 p.

LENINGRAD—TEXTILE INDUSTRY

We should teach and educate our workers. S. Alekseev. Agitator no. 5·47-48 Mr '60.

LENINGRAD—THEATERS—CONSTRUCTION

New materials on the history of the Hermitage Theater building. R. Liulina. Soob. Gos Erm. no. 16.17-19 '59.

LENINGRAD—TIRES, RUBBER

Fourth technical and economic conference on production problems at the Krasnyi treugol'nik" factory. V P. Khabarov. Kauch. i rez. 19 no. 6 56-57 Je '60

Machine for measuring and recording the width of a moving rubberized material (cord, chafer, bicycle tire fabric). O L. Mishelevich, V G Gurvich. Kauch i rez 19 no. 6:54-55 Je '60.

LENINGRAD—TRAFFIC ENGINEERING

Transportation in the master plan of the city of Leningrad. K Krivtsov Arkhit SSSR no 3 48-54 '60

LENINGRAD—TRANSPORTATION, AUTOMOTIVE

Modernization of automotive transportation units in Leningrad E Katsnel'son Avt transp 38 no 3 18-19 Mr '60

LENINGRAD—TURKIC STUDIES

Turkic studies in Leningrad, 1917-1957. A. N. Kononov. Uch. zap. Inst. vost. 25:278-290 '60.

LENINGRAD—UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS

[Leningrad institutions of higher learning; handbook for admissions in 1960] Vuzy Leningrada; spravochnik dlia postupaiushchikh v 1960 godu. [Leningrad] Lenizdat, 1960. 172 p.

LENINGRAD—VAUDEVILLE

Don't count your chickens before they are hatched. V. Brusianin. Smena 37 no. 2:21 Ja '60.

LENINGRAD—VOCATIONAL EDUCATION

Skillful hands. V. Razik. Prof.-tekh. obr. 17 no. 3:28 Mr '60.

LENINGRAD ECONOMIC REGION—CONSOLIDATION AND MERGER OF CORPORATIONS

Consolidation of related enterprises in the Leningrad Economic Region. P. Usanov. Sots. trud 5 no 2:70-72 F '60.

LENINGRAD ECONOMIC REGION—PEAT

Conference on the exchange of experience in the manufacture of peat fertilizers. Torf. prom. 37 no. 2:37-38 '60.

LENINGRAD PROVINCE—AGRICULTURE

[For a further increase in the agriculture of Leningrad Province] Za dal'neishii pod''em sel'skogo khoziaistva Leningradskoi oblasti. [Leningrad] Lenizdat, 1959. 241 p.
(DA).

LENINGRAD PROVINCE—AGRICULTURE—ACCIDENTS

Accidents among workers and machinery operators of the machine-tractor stations in Leningrad Province. G. P. Manzhulo. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:335-340 '58.

LENINGRAD PROVINCE—BOOKSELLERS AND BOOKSELLING

Ways of getting books to the masses P Rachinskii Sov knizh torg 12 no 2·14-15 F '60

LENINGRAD PROVINCE—COLLECTIVE FARMS

Supply collective farms with a repair depot of their own IU. Novikov Ekon. sel'khoz 31 no. 3 107-109 Mr '60.

LENINGRAD PROVINCE—ENCEPHALITIS

Nature of diphasic meningoencephalitis in Leningrad Province [with summary in English]. R I. Kuznetsova, O. I. Sukhomlinova, A A. Churilova. Zhur mikrobiol epid i immun 31 no. 2·56-61 F '60.

LENINGRAD PROVINCE—FERTILIZERS AND MANURES

First contribution to agriculture from the All-Union Scientific Research Institute of the Peat Industry. Torf. prom. 37 no. 1: 36-37 '60.

LENINGRAD PROVINCE—MEALY BUGS

New and little-known species of mealy bugs (Homoptera, Coccoidea, Pseudococcidae) from Leningrad Province [with summary in English]. E. M. Dantsig. Ent. oboz. 39 no. 1 172-181 '60.

LENINGRAD PROVINCE—PEAT

First contribution to agriculture from the All-Union Scientific Research Institute of the Peat Industry Torf prom. 37 no 1 36-37 '60

LENINGRAD PROVINCE—PRINTING INDUSTRY

Improving the printing supply base of Leningrad Province. N I Panin Poligr. proizv no 3 8-9 Mr '60

LENINGRAD PROVINCE—SPINDLE TREE

Some characteristics of the root system in two-year-old plants of five Evonymus species under conditions prevailing in Leningrad Province. P. K. Krasil'nikov. Bot. zhur 45 no 3:394-397 Mr '60.

LENINGRAD PROVINCE—TECHNOLOGICAL INNOVATIONS

Council, active members, trade unions. I. Viktorov. Izobr. i rats. no. 3.28-29 Mr '60.

LENINGRAD PROVINCE—TEXTILE INDUSTRY

Struggle for technical progress. M. L. Lanovskii. Tekst. prom. 20 no. 2.7-12 F '60.

LENINGRAD PROVINCE—TRILOBITES

The new genus Protophychopyge from the lower Ordovician of the Baltic Sea region F A. Balashova Paleont zhur. no. 4.125-129 '59.

LENINGRAD REGION—REGIONAL PLANNING

Planning Leningrad suburban zones Arkhit SSSR no 6 8-11 '60

LENINGRAD UNIVERSITY

Leningrad Universitet [Handbook for students registering in 1954, brief information on Leningrad University admission rules and entrance examination requirements] Spravochnik dlia postupaiushchikh v 1954 g., kratkie svedeniia ob universitete, pravila priema i programmy priemnykh ekzamenov. Leningrad, Izd-vo Leningr univ, 1954 87 p.

LENINO DISTRICT—AGRICULTURE

Just as Lenin advised. I. Bulanov. Sov. pech. no. 4: 30-31 Ap '60.

LENKORAN LOWLAND—HUMUS

Humus fractions in some soil types of Lenkoran and their role in the formation of soil structure. A I Kul'chitskaia Vest Mosk. un Ser. biol., pochv., geol., geog 11 no. 3 71-78 '59.

LENSES

Method for speeding up the polymerization of styrene in the manufacture of optical lenses. V. I. Vladimirov and others. Plast. massy no. 3 71-73 '60.

LEON, MAX

Max Leon, a reporter for the newspaper "Humanité." G Aleksandrov Sov pech no 3 59-60 Mr '60

LEON—FEUDALISM

A history of the development of feudal landownership in Asturias and Leon from the ninth through the tenth century. S. V. Friazinov. Nauch. dokl. vys. shkoly; ist. nauki no. 2·122-142 '58.

LEOPOLDVILLE—DESCRIPTION

In Leopoldville. L. Popov. Nov. vrem. 18 no. 26:25-27 Je '60.

LEPROSY

Comparative evaluation of the results of combined sulfonotherapy in an Azerbaijanian leprosarium [in Azerbaijani with Russian summary]. S. G. Ishkanian, I. T. Bairamalibeili. Azerb. med. zhur. no. 3:58-60 Mr '60.

LEPTOSPIRA

Method of isolating leptospiral cultures from aqueo sources. I. I. Ashmarin. Med. zhur. Uzb. no. 5: My '58.

New color culture medium for cultivating and stu the biochemical properties of Leptospira A S dov Uch zap. AGU. Biol ser no 2 71-87

LEPTOSPIROSIS

(see also subdivision

Case of isolation of I kidney of a mouse. 3 no 10 70-71 O

Some data on leptos Malykh, A. A. Prok 31 no 2,140-141 F

Some data on natural mice [with summary in Engli mikrobiol. epid i immun 31

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

Hero of our time, masterpieces of world literature. S.Bocharov. Chto chitat' 3 no.1:22-23 Ja '60.

Ivanova, T.A. [Four summers; Lermontov in Serednikovo] Chetyre leta; Lermontov v Serednikove. Moskva, Gos.izd-vo detskoi lit-ry M-va pros. RSFSR, 1959. 91 p. (Shkol'naia biblioteka. Po dorogim mestam)

Rez, Z.IA. [Lermontov in school] Lermontov v shkole. Leningrad, Gos.uchebno-pedagog. izd-vo, Leningr. otd-nie, 1959. 214 p.
(NIC)

LESGAFT, PETR FRANTSEVICH, 1837-1909

Viewpoint of P.F.Lesgaft on hand work and its influence on the practice of Russian general schools. I.V.Bogdanovich. Uch.zap.Ped.inst.Gertsa. 193:97-110 '59.

LESOVODY - BUILDING

Many new things happen in Lesovody. N.Tkachuk. Sil'. bud. 10 no.3:5-6 Mr '60

LEUCOCYTES

Dynamics of the changes in the quantity of leucocytes in connection with solar radiation. N.A.Shul'ts. Lab. delo 6 no.2:38-40 Mr-Ap '60.

Influence of blood transfusion on the phagocytic activity of the polymorphonuclear leucocytes and lymphocytes in pulmonary tuberculosis patients. A.M.Vil'derman. [illegible] no.1:42-46 Ja '60

LEUCOCYTOSIS

Stomach function and leucocytosis of the peripheral blood in peptic ulcer. D.IA.[illegible] Vrach.delo no.4:[illegible] Ap '60

LEUCOPENIA

Leucopenia in some chronic inflammatory processes. I.V.[illegible] Vrach.delo no.3:[illegible] Mr '60.

LEUCOPLAKIA, MALIGNANT see Agranulocytosis

LEUKEMIA

Natural radioactivity and leukemia. V.A.Levanov. Dokl. AN BSSR 4 no.2:[illegible] '60

Nonhemoglobin iron and blood protein fractions in systemic diseases of the hemopoietic system. A.G.[illegible] Mat.po obm.nauch.inform. no.2 101-204 '59

Peptic ulcer of the stomach and duodenum in chronic lymphatic leukemia. A.G.[illegible] Vest.rent.i rad. 35 no.1:57-59 Ja-F '60.

Some peculiarities in the clinical aspects of leukemia. A.I.[illegible] Med.zhur.[illegible] no.11:40-41 N '60.

Two cases of remission in acute leucosis (hemocytoblastosis) treated with cortisone. Z.I.Zil'berman, Z.P.Krylova. Vrach.delo no.2:107-108 F '60.

LEVEL INDICATOR FOR LIQUIDS see Liquid level indicators

LEVEL INDICATORS

Improved level indicators to be used in loading bins. M.A.Titov. Mekh.stroi. 17 no.4:29-30 Ap '60.

LEVELING

Photographic level with a double sight camera. V.I.[illegible] Geod.i kart. no.[illegible] '59.

LEVIN, [illegible], d.1960

[illegible] Levin, obituary. [illegible] 6 no.2 [illegible] '60.

LEVINA, ZATA ALEKSANDROVNA, 1905-

A concert in honor of Z.A.Levina. Z.Mikhailovskaia. Sov.muz. 24 no.4:120-121 Ap '60.

LEVSKI, VASIL, 1837-1873

Vasil Levski's views on the people's armed uprising in Bulgaria during the 1860's and the beginning of the 1870's. S.I.Sidel'nikov. Nauch.dokl.vys.shkoly; ist.nauki no.1:100-117 '60.

LIABILITY (LAW)

Deduction of old-age pensions from the compensation for injuries to health. V.Daev, V.Smirnov. Sov.iust. no.2:22-26 F '60.

"Legal forms of the responsibility of collective farm officials" by I.F.Pankratov. Reviewed by P.I.Sedugin, A.M.Shirshikov. Sov.gos.i pravo no.5:110-113 My '60.

Unwarranted payments. [illegible] Sov.iust. no.5: 51-54 Mr '60.

LIANOZOVO - AGGREGATES (BUILDING MATERIALS)

What helps to achieve the rated capacity; practices in producing keramzit gravel at the Lianozovo Housing Construction Combine. [illegible], A.A.Vergasov. Stroi.mat. 6 no.2:10-12 F '60

LIAPUNOV, SERGEI MIKHAILOVICH, 1859-1924

Letters written by S.M.Liapunov to P.A.[illegible] Sov.muz. 24 no.1:91-97 Ja '60

LIBRARIANS

But what do you think? Bibliotekar' no.6:45-46 Je '60.

Let us be worthy of our profession. A.Kolomytsev, [illegible] Bibliotekar' no.6:51-52 Je '60.

Our common cause. Boris [illegible] Bibliotekar' no.6:[illegible] '60

Urgent problems. Bibliotekar' no.6:37-40 Je '60

LIBRARIES

(see also subdivision under: Budapest; Cheliabinsk Province; China; Czechoslovakia; Fastov District; Germany, East; Kazakhstan; [illegible] District; Leningrad; Moscow Province; Munich; [illegible]; Sofia; Sredne-Kolymsk; Stalino Province; Tambov Province; Tiflis; Ukraine)

Abramov, K.I., and V.I.Vasil'chenko. [History of libraries in the U.S.S.R. to the year 1917; a textbook for students in library schools] Istoriia bibliotechnogo dela v SSSR do 1917 goda; uchebnik dlia studentov bibliotechnykh institutov. Moskva, Sovetskaia Rossiia, 1959. 100 p.
(MIR)

Brief news. Sov.bibl. no.1:111-115 '60

Brief news. Sov.bibl. no.1:130-132 '60.

Coordination of reference and bibliographical work of Soviet libraries based on data for the V.I.Lenin State Library of the U.S.S.R. [illegible] Sov.bibl. no.1:[illegible] '60

Good beginning ("Work on local lore in provincial and republic libraries." Reviewed by M.[illegible], A.Mamontov). Bibliotekar' [illegible]

Immediate tasks of libraries. V.I.[illegible]

In the Council on Problems of Library Work. [illegible]

Problems in the work of provincial libraries [illegible] Bibliotekar' no.12:18 [illegible]

Role of books and libraries in our life. [illegible] Sots.kul't. 11 no.4:[illegible] Mr '60

Statute governing library committees. [illegible] '60

LIBRARIES - ACCESSIONS

(see also subdivision under: Tatar A.S.S.R.)

Acquisition of books by provincial libraries. [illegible] Bibliotekar' no.6:33 [illegible] '60

LIBRARIES - REFERENCE DEPT. see subdivision under Cheliabinsk

LIBRARIES, CHILDREN'S

Children's libraries [illegible] V.[illegible] '60

LIBRARIES, PRIVATE

(see also subdivision under: Lvov)

In friendship with books. V.Osipov. Chto chitat' 3 no.1:35 Ja '60.

LIBRARIES, RURAL

(see also subdivision under: Akkurgan District; Glybokaya District; Iavaslav District; [illegible] District; Kalinovka District; [illegible] District)

[illegible] V.[illegible] Bibliotekar' no.6:24-26 Je '60

Problems in the organization of [illegible] Bibliotekar' [illegible]

LIBRARIES, UNIVERSITY AND COLLEGE

(see also subdivision under: Odessa)

Librarian's educational work with students [illegible] Library of Moscow University [illegible]

University libraries of the U.S.S.R. and their role in the system of Soviet libraries. [illegible] '59.

LIBRARIES AND READERS

(see also subdivision under: Odessa Province; [illegible])

"Greater confidence for library subscribers." [illegible]

In order that there may be more grain and meat. [illegible]

Librarians went into the steppe. A.Maslov. Bibliotekar' no.6:21 Je '60

Libraries and readers. [illegible] no.3:43 Mr '60

Victorious stride. Bibliotekar' no.6:1 [illegible] Je '60

LIBRARY CONFERENCES see subdivision under Bratislava

LIBRARY SCIENCE

For you, librarians! ("Library science and bibliography." Reviewed by [illegible]) [illegible] no.1:26-27 Mr '60.

LIBRARY SCIENCE, BIBLIOGRAPHY see Bibliography - Library science

LIBRARY SCIENCE - DICTIONARIES

"Dictionary of library science terms" by [illegible] Reviewed by [illegible] '60

LIBYA - AIR BASES, AMERICAN

Wheelus Field. N.Kondrashov. Nov.vrem. 18 no.26: 27-28 Je '60.

LIBYA - DESCRIPTION AND TRAVEL

The country under discussion; Libya in the eyes of [illegible] Attilio Gaudio. V zashch.mira no.6:42 [illegible] Je '60

[illegible]

LIGHTWEIGHT CONCRETE (Continued)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Mobile automatic S-285B unit for making mixes and lightweight concretes] Peredvizhnaia avtomatizirovannaia ustanovka S-285B dlia prigotovleniia rastvorov i legkikh betonov Moskva, 1959. 19 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki i ograzhdaiushchikh konstruktsii. [Instructions for designing and making keramzit-concrete panel walls and ceilings] Ukazaniia po konstruirovaniiu i proizvodstvu panel'nykh ograzhdaiushchikh konstrukstii iz keramzitobetona. Moskva, Gos. izd-vo lit-ry po stroit., arkhit, i stroit. materialam, 1960. 79 p.

Concrete obtained without water or cement. L. Geiman, IU. Svirskii. IUn. tekh. 4 no.2:8-9 F '60.

Expanded perlite for concretes and mortars. M. Khutomanskii, G Beliaeva. Stroi. i arkhit. 8 no.6·30-31 Je '60

High strength fine grained concretes made with sandy portland cements A V Volzhenskii, L N Popov Bet i zhel -bet no 2 51-55 F '60

Increase the production of lighweight concrete aggregates Bet i zhel -bet no. 2·49 F '60

Large aerated-concrete wall and roofing panels. K E Gorlainov and others Stroi i arkhit. Len 22 no 2 21-23 '60

Lightweight panel ceilings for apartment houses. N. Spivak, D. Baulin. Zhil. stroi. no. 3·22-25 Mr '60.

Mastering the production of large aerated concrete products made with nepheline cements A I Lisianskii A. N Krasheninnikov Stroi mat 6 no 6 14-18 Je '60

New machine for cutting aerated concrete A Karpovtsev Bud mat. i konstr 2 no 1 57-59 F '60

Selecting efficient methods for placing lightweight concretes. G. S. Burlakov. Trudy RISI no.15·25-34 '58.

Using vacuum techniques for cooling large porous products in autoclaves K E Gorlainov, I B Zasedatelev Stroi mat 6 no 6 18-20 Je '60

LIGNIN

Adsorption properties of hydrolytic lignin [with summary in English] V I Vanina and others. Koll zhur 22 no 1 9-15 Ja-F '60

Using lignin as a fuel. M. S. Semenov, L. A. Vasil'kovich Gidroliz. i lesokhim. prom 13 no. 2,15-17 '60.

LIGNITE

(see also subdivision under Dnieper Basin; Donets Basin, Ural Mountains)

Beater mills for brown coal. B. A. Speranskii. Energokhoz. za rub. no. 5·18-24 S-O '57.

LIKHOBORY—RELIGION

Likhobory evenings. E. Vasil'ev. Nauka i rel. no. 3·78-79 N '59.

LIKINO (MOSCOW PROVINCE) PROFESSIONAL EDUCATION

Technical Club. A. Popov. NTO 2 no. 3·38-39 Mr '60.

LILIES OF THE VALLEY

Sensitivity of two types of frogs (Rana temporaria and Rana ridibunda) to preparations of Convallaria majalis and Adonis vernalis. N. N. Pigulevskaia. Apt. delo 9 no. 1:55-58 Ja-F '60.

LIME

Interaction of quartz with lime at high temperatures and pressures. S. M. Roiak, A. M. Dmitriev. Stroi. mat. 6 no. 4·30-34 Ap '60.

Koriliov, M. F. [Liming of soils in the northwestern area of the non-Chernozem region of the U. S. S. R.] Izvestkovanie pochv severo-zapadnoi zony nechernozemnoi polosy SSSR. Moskva, Gos. izd-vo selkhoz. lit-ry, 1955. 217 p.
(DA)

Structuration taking place during the hydration solidification of calcium oxide of various dispersities [with summary in English] E. E. Segalova, S I Kontorovich, P. A Rebinder. Koll. zhur. 22 no. 1·74-81 Ja-F '60.

Thermal relation of the interaction time of gypsum and lime with water. V. B. Ratinov, V. A Grigorian Stroi. mat 6 no 3 32-33 Mr '60

Using sea shells in making lime. I. Bondar. Sil'. bud. 8 no. 2·14-15 F '58.

LIME INDUSTRY—EQUIPMENT AND SUPPLIES

Thermomechanical continuous lime slaking unit. Rats. i izobr predl v stroi no 14 66-68 '60

LIMEKILNS see subdivision under Gorodenka

LIMESTONE

Experience in working with limestone fragments from 20 to 100 mm. in size. P. P. Tkachenko. Sakh. prom. 34 no. 3:44-45 Mr '60.

Using rotary methods in boring holes in limestones. N F. Ladygin. Stroi mat 6 no. 2·23-25 F '60.

Using shell-rock limestone as aggregate for plain and reinforced concrete. A. I. Konoplenko, R. L. Mailian, E. S. Savin. Bet. i zhel. -bet. no. 3 112-117 Mr '60.

Using soft limestone in making wall bricks for industrial building K I Laburenko, M I Kaplun, I M Abramovich Stroi mat 6 no 2 21-22 F '60

LIMING OF SOILS

Causes of the toxicity of Podzolic soils with respect to Azotobacter [with summary in English]. E P Gromyko Izv AN SSSR Ser biol no 2:265-271 Mr-Ap '60

LINDEN see subdivision under Siberia, Western

LINEAR EQUATIONS

Using iteration methods in solving a system of linear equations P P. Suvorovskii Stroi. mekh i rasch soor 2 no 1:27-30 '60

LINGUISTICS—BIBLIOGRAPHY see Bibliography—Linguistics

LINOTYPE

(see also subdivision under Ivanovo)

Dotted-face matrices. IA. E. Paperno. Poligr. proizv. no. 4:24-25 Ap '60.

Efficient use of linotypes. Poligr. proizv. no. 3·13 Mr '60

Shklover, M. A. [Improving the quality of linotype] Puti povysheniia kachestva linotipnogo nabora. Moskva, Gos. izd-vo "Iskusstvo," 1959. 333 p.

LINTERS

Prospects in the development of cottonseed delinting processes. I. B. Merkin Tekst. prom. 20 no. 2 18-21 F '60.

LIPETSK—BOILERS

Automatic liquid level indicator in steam boilers. V. G. Merkin. Spirt. prom. 26 no. 2·26-27 '60.

LIPETSK—DISTILLERIES—EQUIPMENT AND SUPPLIES

Automatization of continuous processes of cooking and sacharification. B. K. Grachev. Spirt. prom. 26 no. 2: 24-26 '60.

LIPETSK—STEEL INDUSTRY

Insignificant? No, indispensable! B. IUrin. Smena 37 no. 5 9-11 Mr '60.

Lipetsk iron and steel industry. IU. Kochkin. Ogonek 38 no. 12·8 Mr '60.

LIPETSK PROVINCE—STATISTICS

Lipetskaya oblast'. Statisticheskoe upravlenie. [Economy of Lipetsk Province, a statistical manual] Narodnoe khoziaistvo Lipetskoi oblasti; statisticheskii sbornik. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1959. 182 p.

LIPIDS

Proteolipid complexes of certain fractions of brucella lipids [with summary in English]. G. D. Bolgova, E. K. Alimova, N. D. Moiseenko. Ukr. biokhim. zhur. 32 no. 1,87-92 '60.

Role of lipids in the formation of wheat gluten. N. P. Koz'mina, A. T. Naumova. Trudy VNIIZ no. 36 105-123 '59.

LIQUEFIED GASES—TRANSPORTATION

Methods for eliminating ice plugs in tank cars for liquefied gases. L. B. Kontorer. Gaz. prom. 5 no. 3 30 Mr '60.

LIQUEFIED PETROLEUM GAS

Gas appliances for district and domestic use changed-over to operate on compressed gas. V. S. Beliunova, I. G. Chernysheva, M. A. IUrlova. Gaz. prom. 5 no. 2 24-28 F '60.

LIQUID FUELS

Combustion of liquid fuel and the simultaneous vaporization of atomized water in a common reaction zone. V. M. Ivanov. Trudy IGI 11:169-187 '59.

Effect of the temperature and phase relation on the density (concentration) of saturated liquid fuel vapors. I. P. Budarov. Khim. i tekh. topl. i masel 5 no. 3:49-54 Mr '60.

Experimental investigation of the processes of combustion and heat exchange in burning pulverized liquid fuels in a cylindrical combustion chamber under pressure. G. N. Deliagin. Trudy IGI 11:113-126 '59.

LIQUID LEVEL INDICATORS

Automatic liquid level indicator in steam boilers. V. G. Merkin. Spirt. prom. 26 no. 2:26-27 '60.

Measuring the level of chemicals. B. Shkarban. Grazhd. av. 17 no. 2.29 F '60.

Plastic oil gauges for machine tools. A. M. Gavriliuk Mashinostroitel' no. 4 33 Ap '60.

Simple design of an electric water level signal in steam boilers. A. A. Vasil'ev. Prom. energ. 15 no. 4 33 Ap '60.

Water level relay with an electrode pickup L. I. Shevchenko. Energetik 8 no 2 18-20 F '60.

LIQUID METALS

Instrument for measuring the surface tension of molten metals. V. S. Barzilovich. Zav. lab. 26 no. 3,346-348 '60.

LIQUID METALS—TESTING

Structure of liquid eutectics. A. A. Vertman, A. M. Samarin, A. M. IAkobson. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3·17-19 My-Je '60.

LIQUID METALS—THERMAL PROPERTIES

Photoelectric method and testing equipment for the determination of the radiating properties of liquid metals D IA Svet, O N. Talenskii Trudy Inst met no 5 183-188 '60

LIQUIDS

Determination of the volume of a liquid from its level in horizontal cylindrical reservoirs. V. V. Bukharin. Masl. -zhir. prom. 26 no. 3·41-42 Mr '60

Thermodynamics of thin liquid layers [with summary in English] L M Shcherbakov Koll zhur 22 no 1 111-116 Ja-F '60

LIQUIDS—TRANSPORTATION

Devices for the transportation of harmful liquids. E. Petrov. Okhr. truda i sots strakh. 3 no. 2·72-73 F '60.

LIQUOR INDUSTRY

(see also subdivision under Blagoveshchensk (Amur Province), Stalingrad)

Consultation. Spirt. prom. 26 no. 2·47 '60.

Fermentation method of preparing the main semiprocessed products in the liqueur and vodka manufacture M T Golovkina Trudy LTIKHP 13 17-27 '57

Simplifying the calculation of the liqueur and vodka production. A. I. Alekseev. Spirt. prom. 26 no. 2·35 '60.

LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

Bottle-washing machine designed by the Dzhambul Liqueur and Vodka Plant. G. S Kodin Spirt. prom. 26 no. 1 22-27 '60.

"Equipment of the liqueur and vodka plants" by A. M. Dinaburg, I. M. Roiter Reviewed by M. S. Kas'ianskii. Spirt. prom 26 no. 1 38-39 '60.

LIQUOR LAWS see subdivision under Poland

LISKI—OIL INDUSTRIES

Increasing the productive capacity of oil mills. F. I. Mazniak, I. G. Shapovalov Masl -zhir. prom. 26 no. 6 34-36 Je '60.

LISTERELLOSIS

Solomkin, P. S. [Listerellosis in farm animals] Listerelloz sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 60 p.
(DA)

LITERARY RESEARCH see subdivision under Ukraine

LITERARY STYLE see Style, Literary

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

"Characters and circumstances" by A. Karaganov Reviewed by M. Druzina Zvezda no 3 219 Mr '60

"Literature and the people", articles by Maksim Ryl'skii Reviewed by M Ul'man Zvezda no 3 218 Mr '60

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—MISCELLANEA

Mournful notes Zvezda no 3 220-222 Mr '60

LITERATURE—PERIODICALS

"Literaturnoe nasledstvo " Vest AN SSSR 30 no 6 126 Je '60

LITERATURE—PHILOSOPHY

Tragic stoicism of the struggle; open letter to Professor Maxine Greene. R. Orlova. Inostr. lit no. 1 218-222 Ja '60.

V. I. Lenin on the role of ideology in artistic work. V. I. Mazepa. Rad. lit no. 2:8-22 Mr-Ap '60.

LITERATURE, MEDIEVAL see subdivision under Ukraine

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND SCIENCE

A. P. Chekhov and science. V. Romanenko. Nauka i zhyttia 10 no. 1:52-55 Ja '60.

LITHIUM

Reaction equilibrium of lithium oxide reduction by the thermodynamics of silicon in presence of calcium oxide. T. F. Fedorov, F I Shamrai Trudy Inst. met. no 5: 162-165 '60

Synthetic anesthetics. Report No. 32: Cis-1, 2, 6-trimethyl-4-piperidone and its derivatives. I. N. Nazarov, O. I. Sorokin. Izv. AN SSSR Otd. khim. nauk no. 5:872-878 My '60.

Relative abundance of lithium isotopes in uranium minerals and meteorites [with summary in English]. B. G. Ordzhonikidze. Geokhimiia no.1:37-41 '60.

LITHIUM COMPOUNDS

Addition of lithium alkyls to divinylacetylene. A. A. Petrov, V. A. Kormer. [illegible] no.1:107-111 '60.

Addition of lithium dialkyl phosphides to vinylacetylenic hydrocarbons. A. A. Petrov, V. A. Kormer. Dokl. AN SSSR 132 no.5:1095-1098 Je '60.

LITHUANIA

Shalkzon, M. R. [The Lithuanian S.S.R.; lecture delivered at the Vilnius Higher Party School] Litovskaia SSR; lektsiia, prochitannaia v Vil'niusskoi Vysshei partiinoi shkole. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 63 p.

LITHUANIA—BIOLOGICAL RESEARCH

New biological institutes in the Lithuanian Academy of Sciences. L. A. Rakauskas. Vest. AN SSSR 30 no.6:99-100 Je '60.

LITHUANIA—DISTILLING INDUSTRIES

Alcohol industry and the liqueur and vodka industry of the Lithuanian S.S.R. Spirt. prom. 26 no.3:11-16 '60.

LITHUANIA—HOME ECONOMICS—STUDY AND TEACHING

They will be good housekeepers. V. Boroshko. Ogonek 38 no.10:21 Mr '60.

LITHUANIA—MOTION PICTURE PLAYS

Initial successes. N. Kovarskii. Isk. kino no.6:40-41 Je '60.

LITHUANIA—PEAT

Production of peat litter in the Lithuanian S.S.R. for export. Torf. prom. 37 no.2:30 '60.

LITHUANIA—PRIESTS

Catholic priests in the village of Dabingiai. M. [illegible], L. Zukauskas. Agitator no.5:50-57 Mr '60.

LITHUANIA—SCIENCE—PERIODICALS

"Mokslas ir technika." Reviewed by K. Dankas. Nauka i zhizn' 27 no.3:[illegible] Mr '60.

LITHUANIA—SURGERY

Emergency surgical care in the Lithuanian S.S.R. S. M. Markevich. Zdrav. Belor. 6 no.10:[illegible]

LITHUANIA—TECHNICAL EDUCATION

For the national economy of the republic. P. A. [illegible]. Vest. vys. shkoly 18 no.6:[illegible] '60.

LITHUANIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Lithuanian literature

LIUDKEVICH, STANISLAV, 1879-

S. P. Liudkevych and the Ukrainian folk music. M. P. Zagaikevych. Nar. tvor. ta etnog. no.4:[illegible] '60.

LIVER

Activity of alkaline phosphatase of the blood in liver disorders in connection with long-term occupational intoxication by sulphur compounds and [illegible]. E. I. Gol'dshtein. Kaz. med. zhur. 41 no.1:[illegible] Ja-F '60.

Antitoxic and protein-forming functions of the liver in acute [illegible]. N. M. [illegible]. [illegible]

Antitoxic function of the liver in patients with pulmonary suppuration in connection with aerosol antibiotic treatment. O. V. Korkushko. Vrach. delo no.2:155-159 F '60.

Choleretic action of vitamin D active preparations. I. Ia. Panchuk. Vrach. delo no.3:[illegible] '60.

Effect of irradiation of certain stages of oxidative conversion of carbohydrates in the rat liver [with summary in English]. G. A. Kochetov. Biokhimiia 25 no.1:[illegible] Ja-F '60.

Liver function disorders in peptic ulcer before and after stomach resections. L. Kh. Gorbatova. Kaz. med. zhur. 41 no.1:[illegible] Ja-F '60.

Liver function in gastric and duodenal ulcer. Kh. K. [illegible]. Vrach. delo no.4:[illegible] Ap '60.

Nucleoproteins in normal and regenerating liver [with summary in English]. E. M. [illegible]. Biokhimiia 25 no.1:[illegible] Ja-F '60.

Oxidation of tyrosine in rat liver slices [with summary in English]. Wang Chung-yen. Biokhimiia 25 no.1:118-124 Ja-F '60.

Significance of changes in liver function following sleep therapy for peptic ulcers. E. I. Zaitseva. Kaz. med. zhur. 41 no.1:117-118 Ja-F '60.

Trace element content of the liver and pancreas of cattle. [illegible] N. V. [illegible]. Izv. Sib. otd. AN SSSR no.2:104-110 '60.

Associated disturbances of the function of the bile-secreting apparatus of the liver in chronic appendicitis. Report no.2. V. S. [illegible]. Kaz. med. zhur. 41 no.1:116-117 Ja-F '60.

Cholinesterase of the blood serum in liver diseases. M. P. [illegible]. Kaz. med. zhur. 41 no.1:[illegible] Ja-F '60.

Clinical aspects of [illegible]. Vrach. delo no.3:[illegible] Mr '60.

Data on the etiology and pathogenesis of [illegible]. A. Ia. [illegible]. Vrach. delo no.3:[illegible] Mr '60.

Histopathology of the [illegible]

Kidney function in patients with chronic diseases of the liver and gallbladder. [illegible]

Peculiarities in the clinical course of [illegible] patients with pathological processes of the liver and biliary tract [with summary in English]. [illegible]. Vrach. delo no.4:[illegible] Ap '60.

Some clinical peculiarities of [illegible] no.5:[illegible] My '60.

LIVER—DISPLACEMENT

[illegible]

LIVER—GLYCOGENIC FUNCTION

[illegible] E. M. [illegible] no.3:[illegible] '60.

LIVER—HYDATIDS

[illegible]

LIVER—WOUNDS AND INJURIES

Closed injuries of the liver. [illegible]

Suture in traumatic rupture of the liver. [illegible] Ap '60.

LIVNY DISTRICT—[illegible]

[illegible]

LIVONIA—PEASANTRY

[illegible]

LOADING AND UNLOADING

(See also subdivision under [illegible])

Automotive loading ramps [illegible]. Spirt. prom. 26 no.2:[illegible]

[illegible] N. N. [illegible]

[illegible], Iu. A., comp. [Mechanization of loading and unloading work [illegible]] 1960. [illegible] p.

[illegible] Ap '60.

Improving [illegible]

Manually [illegible] no.4:17-20 '60.

Mechanization of the unloading of [illegible] N. N. [illegible], A. I. [illegible], L. A. Petrov. [illegible] no.12:60-61 '60.

"1960" on loading and lifting [illegible] no.1:54 Mr '60.

[illegible]

LOADING AND UNLOADING—TECHNOLOGICAL INNOVATIONS

Automatic load lifting devices [illegible] Mr '60.

Automatic [illegible] no.3:[illegible] Mr '60.

LOANS see subdivision under Credit

LOBBYING see subdivision under United States

[illegible]

Methodological basis of V. I. Lenin's criticism of the social and political content of positivism [with summary in English]. IU. A. Aseev. Vest. LGU 15 no. 11:86-96 '60.

LOKHVITSA—MOLASSES

Seminar on the complete processing of molasses. I. I. Rizberg. Spirt. prom. 26 no. 2:46 '60.

LOKHVITSA—OAK

A 600-year-old oak. V. A. Fedorov. Priroda no. 6 79 Je '60.

LOKHVITSA—TEACHERS COLLEGES

Methodological work in normal schools. P. B. Semko. Rad. shk. 39 no. 3:70-75 Mr '60.

LOMONOSOV—INSURANCE, SOCIAL

The Veterans' Council is the main assistant of the Municipal Department of Social Security. P. Fedorov. Sots. obesp. 21 no. 3:40-42 Mr '60.

LONDON, JACK, 1876-1916

Is that true that the Catholic Church prohibits the reading of Jack London's books? Otv. na vop trud. no. 111. . 60-61 '60.

LONDON—OPERA

Letter from London. Evan Senior. Sov. muz. 24 no. 3: 188-189 Mr '60.

LONG, MARGUERITE

The famous pianist of France. S. Khentova. Ogonek 38 no. 12:16 Mr '60.

LONG STRAIT—ICE

Drift of ships led by the ice-breaking vessel "Admiral Makarov" through Long Strait in 1956. B. P. Khimich. Probl. Arkt. no. 6:121-124 '59.

LONGEVITY

Longevity. V. V. Alpatov. Nauka i zhizn' 27 no. 2:31-35 F '60.

Problem of longevity. R. P. Pulatov. Med. zhur. Uzb. no. 7:3-7 Jl '58.

LOOMS

The AT-175-5 automatic loom. S M. Efremov Biul tekh. -ekon. inform. no. 2 45-47 '60.

The AT-175-L5 automatic loom. V. A. Andriushin. Biul. tekh. -ekon. inform. no. 3:42-44 '60.

Efficient arrangement of looms. A. A. Novozhylov. Tekst. prom. 20 no. 2.12-14 F '60.

New looms. Tekst. prom. 20 no. 2:40-41 F '60.

Preventing play in the transmission of ATS-100 looms. A. A. Stukolov. Tekst. prom. 20 no. 2:80 F '60.

Results of tests on Kovo hydraulic looms. P. V. Monina and others. Tekst. prom. 20 no. 2:36-39 F '60.

Self-knotter for staple yarn. A. A. Kozhanova. Tekst. prom. 20 no. 2:80-81 F '60.

Theoretical principles in designing batten blades. S. P. Vostroknutov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1:147-151 '60.

LOPARITE

Specific features of the concentration of rare-earth elements in eudialytes and loparites of the Lovozero massif [with summary in English]. IU. A. Balashov, N. V. Turanskaia. Geokhimiia no. 2:121-130 '60.

LOS'—SANATORIUMS

Hopes and disappointments. N. Efremova. Okhr. truda i sots. strakh 3 no. 4 50-53 Ap '60.

LOUDSPEAKERS

Kol'tsov, B. V. [Miniature loudspeakers for transistorized radio receivers] Miniatiurnye gromkogovoriteli dlia priemnikov na tranzistorakh. Moskva, Gos. energ. izd-vo, 1960. 45 p. (Massovaia radiobiblioteka, no. 361)

LOVOZERO TUNDRAS—RARE EARTHS

Specific features of the concentration of rare-earth elements in eudialytes and loparites of the Lovozero massif [with summary in English]. IU. A. Balashov, N. V. Turanskaia. Geokhimiia no. 2:121-130 '60.

LOW TEMPERATURE ENGINEERING

Permafrost conditions and the prediction of their variation in connection with hydraulic construction work in the upper Amur Valley. G. M. Epshtein. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3:185-190 '59.

LOW TEMPERATURE MATERIALS see Materials at low temperature

LOW TEMPERATURE METALS see Metals at low temperatures

LOW TEMPERATURE RESEARCH

Cold at work. V. M. Brodianskii Nauka i zhizn' 27 no. 3:17-23 Mr '60.

LOW TEMPERATURE RESEARCH—CONGRESSES

Sixth All-Union Conference on Low Temperature Physics. Usp. fiz. nauk. 71 no. 2:339-347 Je '60.

(PROPOSED)

Lower Volga Hydroelectric Power Station and its role in the national economy I S Semenova. Trudy Okean kom. 5 381-382 '59

LOWESTOFT, ORIENTAL see Porcelain, Chinese

LOYEV DISTRICT—MAMMALS

Wild animal remains found at the Chaplin site of an ancient city V V Shchahlova, L D Pobal' Vestsi AN BSSR Ser bital nav no 1 116-129 '60

LU, YU, 1125-1210

Lu Yu's (1125-1210) poetry on the theme of struggle against foreign invaders. E. A. Serebriakov. Uch. zap. LGU no. 281 130-146 '59.

LUBRICATION AND LUBRICANTS

Anastas'evskaya petroleum as a stock for producing the MK-8-type lubricating oils. S. E Krein, E. N Kalaitan, IU V. Stupishin. Khim i tekh. topl i masel 5 no. 2,6-11 F '60.

Changes in the tendency of oil to form lacquers in an operating engine. A R. Kosiakin Khim. i tekh topl. i masel 5 no 3:54-56 Mr '60.

Comparative evaluation of methods for determining the color of lubricants by using different colorimeters I A Ptashchinskii. Khim. i tekh topl. i masel 5 no. 3.69-70 Mr '60.

Effect of lubricants and antiwear additives on the abrasive wear of metals in sliding friction M. D. Bezborod'ko, G. V. Vinogradov, V. P. Pavlov. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2 73-79 '60.

Electrochemical method of evaluating the anticorrosive properties of greases V M. Martynov, M V. Morozova. Khim i tekh. topl. i masel 5 no. 3 22-28 Mr '60.

Evaluating the effect of the lubricant on the pitting failure of steel. G. S. Krivoshein. Zav. lab. 26 no 3 375-377 '60.

How to store consistent grease and how to remove it from containers. V. Mikhlin, V. Shustikov. Tekh. v sel'khoz. 20 no. 2 52-53 F '60.

Irisov, A. S., and N. I. Ilinskaia. [Fuel and lubricants] Toplivo i smazochnye materialy. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 469 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Lubricating oils based on organo fluoro compounds. E. P. Braudo, A. I. Dintses. Khim. i tekh. topl i masel 5 no. 2 58-70 F '60

Lubricating property of the disulfide of molybdenum. L. A. Chatynian. Trudy Sem. po kach. poverkh. no. 1:278-281 '59.

Method of evaluating the crankcase properties of oils in the PZZ unit. K K. Papok, A P Zarubin, G V Zakharov. Khim. i tekh topl i masel 5 no. 2 46-52 F '60

Production of polyglycol ether-type synthetic lubricants. V. I Isaguliants, V. N. Tishkova, I A. Grushevenko. Khim. i tekh. topl. i masel 5 no. 4 8-13 Ap '60.

Resistance of lubricants to radiation. Atom. energ. 8 no. 6;575-576 Je '60.

Settling tank with a filter for purifying oil after the running in of engines. Torf. prom. 37 no. 2:35-36 '60.

Solid lubricants used in unlubricated friction. L. A. Chatynian, P. E. D'iachenko, O. E. Kestner. Trudy Sem. po kach. poverkh. no. 4.79-84 '59.

Synthesis of the products of condensation of carbamide and alkyl phenols with formaldehyde, and study of their stabilizing action of lubricating oils. A. M. Kuliev, G. A. Zeinalova, A. B. Abdinova. Azerb. khim. zhur. no. 2. 29-38 '59.

Thixotropic properties of greases. K. I. Klimov, B. I. Leont'ev. Khim. i tekh. topl. i masel 5 no. 3.17-21 Mr '60.

Utilization of heavier lubricant fractions of Ukrainian paraffinic crudes. N. IA. Rudakova, S Z. Krimerman, A. D. Bilonizhko. Khim. i tekh. topl. i masel 5 no. 2 27-30 F '60.

LUBRICATION AND LUBRICANTS—ADDITIVES

Effect of the thickening of mixtures of petroleum and silicone liquids by high-polymer additives. D. S. Velikovskii, L V Chervova. Khim. i tekh topl. i masel 5 no. 2:30-38 F '60.

LUBRICATION AND LUBRICANTS—CONGRESSES

Conference on Lubrication and Wear. London. 1957. [New works on friction and wear; a collection of reports at the London Conference on Lubrication and Wear, 1957] Novye raboty po treniiu i iznosu; sbornik dokladov Londonskoi konferentsii po smazke i iznosu 1957 g. Moskva, Izd-vo inostr. lit-ry, 1959. 258 p.
(CU)

LUBRICATION AND LUBRICANTS—TESTING

Determining the dispersive power of lubricating oils containing detergent additives A. M Ravikovich, G G. Vinner. Khim. i tekh. topl. i masel 5 no. 4:57-62 Ap '60.

Effect of the tarry matters present in lubricating oils on the corrosiveness of oils. V. S. Demchenko, V K. Novikov. Khim. i tekh. topl. i masel 5 no. 4.40-43 Ap '60.

Young patriots A Rachkovskaia Sov knizh. torg 12 no 3 13 Mr '60

LUGANSK—CONSTRUCTION INDUSTRY—ACCOUNTING

Open road to lower echelon business accounting. B. Nezhentsev. Ekon. stroi. no. 3 46-48 Mr '60.

LUGANSK—DIESEL LOCOMOTIVES

Important initiative of diesel locomotive builders in Lugansk. Elek. i tepl. tiaga 4 no. 4:10 '60.

LUGANSK—EDUCATION, COOPERATIVE

Features of communist work. V. Bazikalov. Prof. -tekh. obr 17 no. 2:7-8 F '60.

Instructional workshops at industrial enterprises. P. S. Khailo, Rad. shk 39 no. 3 35-39 Mr '60

LUGANSK—TECHNICAL EDUCATION

Factories set the topics of final projects. I. N. Kartashov. Vest. vys. shkoly 18 no. 7:52-54 Jl '60.

LUGANSK PROVINCE—COAL MINES AND MINING

Miners of Lugansk march ahead. N. Khudosovtsev. Mast. ugl. 9 no. 2 3-4 F '60.

LUGANSK—GAS PRODUCERS—TESTING

Gas generators with free pistons on the test stand of the plant. Elek. i tepl. tiaga 4 no. 4:15 '60.

LUGANSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Klymenko, V. K. [Work with party members ensures our success] Robota z kadramy - osnova nashykh uspikhiv. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1960. 99 p.

LUGANSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

New restaurant chief I Zakharov Obshchestv. pit no 4 19-21 Ap '60

LUGANSK PROVINCE—VOCATIONAL EDUCATION

Effective help. V. Andrianov. Prof. -tekh. obr. 17 no. 2: 29-30 F '60.

LUK'IANOV, VLADIMIR VENEDIKTOVICH, 1898-1960

Vladimir Venediktovich Luk'ianov; obituary. Khleb. i kond. prom. 4 no. 3 47 Mr '60.

LUMBER

Systems for lengthwise sawing of hardwood logs with circular saws. N. K. IAkunin. Der. prom. 9 no. 3. 9-11 Mr '60.

LUMBER—DRYING

Automatic compartment-type drying chamber. I. Kh. Merkin, IU. P. Bondarev. Der. prom. 9 no. 2:3-4 F '60.

Effect of cyclic actions of surrounding media on the strength of wood. E. I. Lysenko. Trudy RISI no. 15: 85-92 '58.

In connection with V. S. IAsinskii's article "Investigating the effectiveness of drying wood in the form of boards and rough stock." B. F. Ivanenko, A. S. Al'perin. Der. prom. 9 no. 2 27 F '60.

LUMBER—TRANSPORTATION

Hauling lumber on motortrucks without trailers. F. Kolosov Les prom 38 no 2:6-7 F '60

How logging trucks move on snow IU. D. Silukov Les prom 38 no 2 8-9 F '60

Land transportation of timber. Les prom 38 no 2 27 28 F '60

Pominova, G. I. [Rafts on rivers and lakes] Rechnye i ozernye ploty. Moskva, Goslesbumizdat, 1959. 96 p.

Possibilities of developing lumber floating Les prom 38 no 2 28 F '60

Rafts without driving units N Zlobin Les prom 38 no 2 21-23 F '60

Timber transportation frame with automatic locking of the uprights. A I. Loginov Les prom 38 no 2:13-14 F '60

LUMBERING

(see also subdivision under Archangel Province; Karelia; Kemi Valley)

Do boat crews receive bonuses deservedly? F. Fomin. Sots. trud 5 no. 2:124 F '60.

Exact timing of operations in lumbering F Sirmbard, A Bartenev Les prom 38 no. 2 26 F '60.

Expand the utilization of hardwood species A I Suchkov, G M. Benenson. Les. prom 38 no 2 28-29 F '60

For a closer tie between science and production I I Leonovich, M D Shraer Les prom 38 no 2 29 F '60

For better co-operation between engineers and enterprises S. V Belinskii Les prom 38 no. 2:2-5 F '60

Investigating the felling of trees on two supports. E. IA. Belozerov, A M Gol'dberg S. F Orlov Les prom 38 no 2 19-20 F '60

[illegible]

Items from technical journals Les prom 38 no 2 Insert F '60

Make way for young engineers in the lumbering industry Les prom 33 no 2 1 F '60

New wage schedule in the lumber industry. P. Boroshnev, K Ippolitov. Sots trud 5 no. 2:56-64 F '60.

Reference manual on labor laws and legislation ("Guide on the application of basic regulations of labor legislation in the lumber industry" by N. Spicharnyi, V. Kamyshev, I. Firov. Reviewed by P Boroshnev). Sots trud 5 no 1 151-154 Ja '60.

Using trenches in loading large bundles of timber A A Polyniglazov Les prom 38 no 2 10-11 F '60

With crown and roots IA Emel'ianov Nauka i zhizn' 27 no 3 67 Mr '60

LUMBERING—BIBLIOGRAPHY see Bibliography—Lumbering

LUMBERING—HYGIENIC ASPECTS

Industrial hygiene or industrial safety? A. Moskalenko. Okhr. truda i sots. strakh 3 no 2 35 F '60.

LUMBERING—MACHINERY

(see also subdivision under Perm Province)

The MVL-1 machine for trimming timber ends V. N Semenov Biul tekh -ekon inform no 2 74-76 '60

Timber skidding and loading unit. A. Bunishko, G. Vol'kenson. NTO 2 no. 3:27 Mr '60.

TSentral'noe biuro tekhnicheskoi informatsii lesnoi promyshlennosti. [Manual of prices for overhauling machinery and equipment used in lumbering] Sbornik optovykh tsen kapital'nogo remonta mashin i mekhanizmov, primeniaemykh na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 120 p.

LUMBERING—PRODUCTION STANDARDS

Established technical production standards in lumbering. V. Lushnikov. Sots. trud 4 no 12:93-95 D '59.

LUMBERING—SAFETY MEASURES see subdivision under Gorkiy Province

LUMBERING—TRANSPORTATION

Urgent questions of labor organization and wages in timber work. P. Selivanov. Sots. trud 5 no. 3,124-125 Mr '60.

LUMINISCENCE

Bogatov, G. B. [Electroluminescence and its possible applications] Elektroliuminestsentsiia i vozmozhnosti ee primeneniia. Moskva, Gos. energ. izd-vo, 1960. 47 p. (Massovaia radiobiblioteka, no. 364)

Luminescence of matter in arbitrary absorption and emission bands in an infinitely thick layer. A. M. Samson. Dokl. AN BSSR 4 no. 2 51-54 F '60.

Luminescent method of analyzing oil in gases. N. E. Bulanova. Zav. lab 26 no. 4:465-466 '60.

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

Music and the revolution. Sim. Dreiden. Sov. muz. 24 no. 3 45-60 Mr '60.

LUNAR PROBES

Artificial comet V F Esipov, V I, Moroz Astron tsir. no 205 1 O '59.

Man is becoming acquainted with the universe. A. Lebedinskii. Nauka i rel. no. 2:20-22 O '59.

Observations of the artificial comet in Byurakan E. E. Khachikian, A. T Kalloglian, M. A. Kazarian. Astron tsir no 205 2-3 O '59

LUNGS—ABSCESS

Antitoxic function of the liver in patients with pulmonary suppuration in connection with aerosol antibiotics treatment. O. V. Korkushko. Vrach. delo no. 2:135-139 F '60.

Basic problems in the surgical treatment of pulmonary suppuration [with summary in English]. V. I. Struchkov. Grud. khir. 1 no. 1 86-92 Ja-F '59.

LUNGS—BLOOD SUPPLY

Intrapericardial section of the vessels of the radix pulmonis in patients with pulmonary tuberculosis. I. L. Druian. Zdrav. Belor 6 no 2 20-23 F '60

LUNGS—CANCER

Brochogenic cancer and tuberculosis K. E. Nikishin, T. N Khavkin Med. zhur. Uzb. no. 6 21-26 Je '58.

Erythrocyte sedimentation rate in patients with stomach and pulmonary cancer. V A Germanov Vrach. delo no 1:93 '60

Lesions of the intrathoracic lymph nodes caused by metastatic hypernephroma. R. M. Rabinovich. Probl tub 37 no. 8 91-92 '59

Smoking can cause cancer of the lung. F. Uhlov. Nauka i zhyttia 10 no. 1:34-37 Ja '60.

LUNGS—COLLAPSE

Case of congenital atelectasis. I. M. Medzievich. Med zhur. Uzb. no. 5:67-68 My '58.

the Academy of Medical Sciences of the U. S. S. R. N. I. Krakovskii Vest. AMN SSSR 15 no 1 81-83 '60

LUNGS—DISEASES

Chronic nonspecific inflammatory pulmonary processes, morphological study IU. Z. Sukhov. Zdravookhranenie 3 no. 1 36-41 Ja-F '60

Diagnosis of paragonimiasis. M. V. Antonova Vrach. delo no 3:317-318 Mr '60

LUNGS—DUST DISEASES

Histogenesis of silicotic pneumosclerosis. S. F. Serov. Vest AN Kazakh SSR 16 no. 3:54-58 Mr '60

Investigation of proteins in the lung tissues of rats under normal conditions and following introduction of quartz and coal dust [with summary in English] M I Okun', B. S. Rodkina, A. M Baru. Ukr. biokhim zhur. 32 no. 3 358-367 '60

Present status of the problem of the etiology and pathogenesis of silicosis and further tasks in its investigation V K Navrotskii Vrach delo no 4 391-397 Ap '60

Reaction of lung tissue following experimental introduction of dusts containing mercury and tungsten A. A. Akhmerova. Med. zhur Uzb no. 6,54-56 Je '58.

LUNGS—RADIOGRAPHY

Interpretation of X-ray pictures of the lungs [with summary in English]. L. B. Naumov Vest. rent. i rad. 35 no. 1:33-39 Ja-F '60.

LUNGS—SURGERY

Economical lung resection in tuberculosis. A. L. Shinder. Zdravookhranenie 3 no. 1 25-28 Ja-F '60.

Experience with pulmonary resection in tuberculosis at a city tuberculosis hospital. B. V. Dedovich Probl. tub. 37 no 8 93-94 '59

Oxyhemometric investigations during resection of the lung in tuberculous patients [with summary in French]. S. M. Kniazhetskii. Probl. tub 37 no. 8 72-74 '59.

Pathways in the development of surgery for pulmonary tuberculosis. L. K. Bogush Vest AMN SSSR 15 no. 1:17-25 '60.

Use of the UKL-60 apparatus in pulmonary resection by reason of tuberculosis P. M Kuziukovich Zdrav Belor 6 no 2 15-16 F '60

LUNGS—TUMORS

Benign neoplasms and cysts of the lungs and mediastinum V V Vakhidov. Med zhur Uzb. no 6 26-34 Je '58.

Course of metastatic sarcoma of the lung during gamma-ray and sarcolysin therapy R. M. Rabinovich, O. N. Nikonova. Vest. rent. i rad. 35 no. 1:66 Ja-F '60.

LUNGS—WOUNDS AND INJURIES

Knife wound of the heart and lung. I. N. Matveev. Kaz. med. zhur. 41 no. 1 92 Ja-F '60.

LUNGWORMS

Material on the pathomorphological changes in the lungs during protostrongyliasis in hares. D. V. Moseliani, T. E. Rodonaia. Soob. AN Gruz. SSR 23 no. 6.719-720 D '59.

LUNGWORT

Anatomical investigation of Pulmonaria officinalis L. [with summary in English]. N. I. Grinkevich. Apt. delo 9 no. 2 22-26 Mr-Ap '60.

LUPINE

Effectiveness of different races of nodule bacteria in their symbiosis with different varieties of lupine [with summary in English]. M. V. Fedorov, K. A. Svitych. Izv. *TSKhA* no. 6:39-44 '59.

Some data on growing perennial lupine (Lupinus polyphyllus Lindl) on deep sand V D. Averkiev. Uch. zap GGPI 20 157-167 '58

LUPINE—DISEASES AND PESTS see subdivision under White Russia

LUPUS

Nervous system function in lupus patients during treatment. K. S Suleimanov. Med. zhur Uzb. no. 6 45-50 Je '58

LUSHNIKOVKA—ECONOMIC CONDITIONS

Sixty years later. Irina Volk. Kul't. i zhizn' 4 no. 4:21-23 '60.

LUTIDINE—ANALYSIS

Quantitative determination of γ-, β- picolines and 2, 6-lutidine by the method of precipitation chromatography. V. A. Kostiuk. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:146-148 My-Je '60.

LUTSEVICH, IVAN DOMINIKOVICH, 1882-1942

Akademiia navuk BSSR, Minsk. Literaturny muzei IAnki Kupaly. [The beloved poet of the White Russian people] Liubimy paet belaruskaha naroda. Minsk, 1960. 257 p.

Interesting study ("IAnka Kupala's dramatic works" by M. IArosh. Reviewed by IA. Usikau). Belarus' 17 no. 2:30 F '60.

LUTSK REGION—RAIN AND RAINFALL

Heavy shower in Volyn' Province. M. N. Sosedko. Meteor. i gidrol. no. 6:30 Je '60.

Luxemburg. Agitator no 6,40 Mr '60

LVOV—AIR—BACTERIOLOGY

Bacterial aeroplankton of the upper atmospheric strata in the winter. S. D Kliuzko and others. Vrach. delo no 1:75-76 '60.

LVOV—BONUS SYSTEM

Bonus awards to workers of light industry enterprises. V. Verber. Biul. nauch. inform.: trud i zar. plata no. 10,44-45 '59.

LVOV—BOOKSELLERS AND BOOKSELLING

Bookstores that sell special literature. B. IUdakov. Sots kul't 11 no 3 40-41 Mr '58.

LVOV—COTTON SPINNING—TECHNOLOGICAL INNOVATIONS

Our support. I. Shelomanov. NTO 2 no. 4:26-27 Ap '60.

LVOV—GLIDING AND SOARING

Progress of Lvov glider pilots. V. Leshchenko. Kryl. rod. 11 no. 4:8-9 Ap '60.

LVOV—HISTORICAL MUSEUMS

Closer to life. M. Lytvynenko. Sots. kul't. 13 no. 3:41 Mr '60.

LVOV—LIBRARIES, PRIVATE

Works of southern Slavic writers in I. IA. Franko's private library. M. IA. Gol'berg. Rad. lit. no. 2:120-126 Mr Ap '60.

LVOV—OPHTHALMOLOGICAL SOCIETIES

Report on the work of the Lvov Ophthalmological Society for 1956 A. M Rodigina, O. A. Katorgina. Oft zhur. 12 no 5,316-317 '57.

LVOV—PRINTING PLATES

Introducing the use of emulsions in etching printing plates. V. D. Glushko and others. Poligr. proizv. no. 4:23-24 Ap '60.

LVOV—RAILROADS—SAFETY MEASURES

Even a little mound can overturn a big cart. A. Pofalitov. Okhr. truda i sots. strakh 3 no. 4:56-57 Ap '60

LVOV—SHOE INDUSTRY—PRODUCTION STANDARDS

Bonus awards to workers of light industry enterprises. V. Verber. Biul. nauch. inform.: trud i zar. plata no. 10:44-45 '59.

LVOV—SHOE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Heading the technical development. A. Shtern. NTO 2 no. 4:28 Ap '60.

LVOV—THEATER

"If you love." I. Svarnik. Teatr 21 no. 3 94-95 Mr '60

LVOV ECONOMIC REGION—DISTILLERIES

Use of mold fungus in lieu of malt in distilleries of the Lvov Economic Region. Spirt. prom. 26 no. 2:43 44 '60.

LVOV ECONOMIC REGION—DISTILLING INDUSTRIES

Prospects for the development of the distilling industries in the Lvov Economic Region. Spirt. prom. 26 no. 2:37 '60.

LVOV ECONOMIC REGION—INDUSTRIAL ORGANIZATION

Specialization and cooperation of the industrial enterprises of the Lvov Economic Council. S. Lokot'. Ekon. Rad. Ukr. no. 1:66-72 Ja-F '60.

LVOV ECONOMIC REGION—YEAST

Semicontinuous method of preparing yeasts. Spirt. prom. 26 no. 2:41-42 '60.

LVOV PROVINCE—TECHNOLOGICAL INNOVATIONS

A good initiative. P. Paskalov. NTO 2 no. 4:29-30 Ap '60.

LVOV-VOLYN' BASIN—COAL

Investigating Novovolynskii deposit coals. A I. Kosko and others Obog. i brik ugl. no. 12:17-20 '59.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Our strength is in group work. B. Sheginskii. Mekh. ugl. 9 no. 2,6 F '60.

LVOV-VOLYN BASIN—MINE DRAINAGE

Feasibility of electro-osmotic drainage of certain soils in the Lvov-Volyn coal basin. L. P. Zagorulko. Ugol' Ukr. 4 no. 2:14-17 F '60.

LYBIA—FOREIGN RELATIONS—UNITED STATES

Lybia and its problems("Lybia and the Arabic world" [in Italian] by Giorgio Assan Reviewed by V. Valentinov). Mezhdunar. zhizn' 7 no. 6:146-148 Je '60.

LYBIA—POLITICS AND GOVERNMENT

Lybia and its problems ("Lybia and the Arabic world" [in Italian] by Giorgio Assan. Reviewed by V. Valentinov) Mezhdunar. zhizn' 7 no. 6:146-148 Je '60.

LYMPHATICS

Course of the regenerative processes in the lymphopoietic organs in rabbits following complete deprivation of food. L.A.Poberii. Uch.zap.2-go MGMI 16:63-80 '58

Immunological activity of the lymphoid organs and general regularities of immunogenesis. G.A.Gurvich, G.V.Shumakova. Vest.AMN SSSR 15 no 1 57-67 '60

Investigation of the lymph nodes in the clinic. M.A. Chepeleva. Mat po obm. nauch inform no 2;229-235 '58

Lesions of the intrathoracic lymph nodes caused by metastatic hypernephroma. R.M.Rabinovich. Probl. tub 37 no.8:91-92 '59

Lymphatic vessels in the wall of the inferior vena cava in man and animals. A.I.Sviridov Dokl. AN SSSR 132 no.6 1452-1453 Je '60.

Regenerative processes in the lymphopoietic organs of starving rabbits following parenteral feeding of protein. L.A.Poberii. Uch.zap 2-go MGMI 16 81-103 '58

LYMPHATICS—DISEASES

Intravital diagnosis of pulmonary adenomatosis [with summary in French]. T.N.Oleneva. Probl.tub. 37 no.8:24-28 '59

Tomography in some diseases of the lymph nodes of the mediastinum [in Azerbaijani with Russian summary]. I.I.Shatov. Azerb.med.zhur. no.3:40-45 Mr '60.

LYN'KOU, MIKHAS', 1899-

A great and humane talent; on M.TS Lyn'kou's 60th birthday D IA.Bubalou. Vestsi AN BSSR.Ser hram nav no 1 15-27 '60

LYSKOVO—BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES

Learning to work with the keramzit unit at a brick factory. A.S.Arben'ev. Stroi.mat. 6 no.4:26-27 Ap '60.

LYUBAN' DISTRICT—WOMEN AS FARMERS

Thank you, my dear! K.Shaplyka. Rab.i sial. 36 no.2:20 F '60.

LYUBAN' DISTRICT—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Zaleski, A.I. [Life of White Russian peasants in a region of guerrilla warfare] Byt belaruskikh sialian u partyzanskim krai. Minsk, Vyd-va Akad. navuk BSSR, 1960 209 p.

LYUBERTSY—AGRICULTURAL MACHINERY INDUSTRY

Glory to our party, B Samsonov. Sov.profsoiuzy 16 no.10 7-8 My '60.

What we expect from Lyubertsy machinery builders. N.V. Buhaichenko. Mekh.sil'.hosp. 11 no.2:26 F '60.

MACARONI

Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. [Modernization of equipment of the macaroni industry; operating experience of the Moscow No.1 and Leningrad factories, of the Tallinn Grain House and the Central Scientific Research Laboratory of the Macaroni Industry] Modernizatsiia oborudovaniia makaronnoi promyshlennosti, iz opyta raboty Moskovskoi No.1 i Leningradskoi makaronnykh fabrik, Tallinskogo zernokombinata i TsNILMAP. Moskva, 1959. 35 p.

New varieties of macaroni products. P.V.Tychkina. Khleb.i kond.prom. 4 no.3:16-19 Mr '60.

MACH, ERNST, 1838-1916

F.Herneck's comments "On Albert Einstein's letter to Ernst Mach." M.E.Omel'ianovskii. Vop.filos. 14 no 6:106-108 '60.

On Albert Einstein's letter to Ernst Mach. F.Herneck. Vop.filos. 14 no.6:104-106 '60.

MACHINE ACCOUNTING

(see also subdivision under Maritime Territory; Moscow)

In the Central Committee of the Trade Union of Government Workers. D.Zh. Vest.stat. no.3:75-76 '60.

Introducing mechanized pension accounting. V.TSvetkova. Sots.obesp. 21 no.2:23-24 F '60.

Moscow. Ekonomiko-statisticheskii institut. [Problems in statistics and accounting; a collection of articles on machine accounting] Voprosy statistiki i ucheta; sbornik statei po mekhanizatsii ucheta. Moskva, Gos. stat izd-vo.
No.2. 1959. 350 p.
[MICROFILM]

MACHINE-SHOP PRACTICE

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.izd-vo lit-ry po stroit.,arkhit.i stroit. materialam.
Sbornik 34. [Forging and fitting operations] Kuznechno-slesarnye raboty. 1960. 72 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Approximate time norms for repair work, metal machining, fitting, fitting-assembly, electric welding, gas welding, and forging operations for collective farms and state farms] Primernye normativy vremeni na remontnye raboty; mekhanicheskaia obrabotka metallov, slesarnye, slesarno-sborochnye, elektrosvarochnye gazosvarochnye i kuznechnye raboty dlia kolkhozov i sovkhozov. Moskva, Izd-vo M-va sel'skogo khoz.SSSR, 1960. 109 p.

MACHINE-SHOP PRACTICE—PRODUCTION STANDARDS

Methodology for increasing work norms in fitting and assembly work ("Labor organization and technical standards in fitting and assembly work in the instrument industry" by M.S.Pavlov. Reviewed by S Chernoplekov). Sots trud 4 no 12,143-144 D '59.

MACHINE-SHOP PRACTICE—TECHNOLOGICAL INNOVATIONS

Mechanizing the assembly of some plastic and rubber parts. L.K.Sizenov. Mashinostroitel' no 3:1-3 Mr '60.

MACHINE-TOOL INDUSTRY

(see also subdivision under Poland, Vitebsk)

Develop the manufacture of precision machine tools more rapidly. Stan i instr 31 no.4 1-2 Ap '60.

Outlook for development of the machine-tool industry in the U S.S.R. A A Padogin Stan.i instr. 31 no 4: 43-44 Ap '60

MACHINE-TOOL INDUSTRY—LABOR PRODUCTIVITY

Comparing labor productivity levels in the machine-tool industry of the U.S.S.R. and the U.S.A. K Kuznetsova, G.Sergeeva. Vest.stat no.6:25-32 '60

MACHINE-TOOL INDUSTRY—PRODUCTION STANDARDS

The working out and application of consolidated norms. G.Skachkov. Biul.nauch.inform.: trud i zar.plata 3 no.1:32-36 '60.

MACHINE-TOOL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy

MACHINE TOOLS

(see also subdivision under Great Britain)

All-purpose tool sets. A Dorokhov. Sov.Soiuz no.4 47-49 '60

Automatic machine for making cylindrical springs M.I.Kaplan, B Z.Gol'dshtein, E S.Tovpik. Stan i instr. 31 no.4,36-37 Ap '60.

Machine for edging disks. A.I.Kuznetsov. Mashinostroitel' no.3:24 Mr '60.

Machine for straightening wheel disks. M.Shneiderman, V.Komarov. Avt.transp 38 no.3 28-29 Mr '60

Made by efficiency promoters and inventors. Tekh.v sel'khoz. 20 no.2:78-80 F '60.

"Miracle" in a factory laboratory. I.Smol'ski. Belarus' 17 no.2:7 F '60.

New machine tools. Stan.i instr. 31 no.3:40-42 Mr '60.

New machine tools and automatic lines. Stan i instr. 31 no.4;40-42 Ap '60.

On the history of machine tools from Peter the Great's Machinery Laboratory. V.Vasil'ev. Soob.Gos.Erm. no.16:13-17 '59.

The 1L80 automatic machine-tool line. V.K.Musatov. Biul.tekh.-ekon.inform. no.3:15-16 '60.

The 3A224 machine unit for machining bodies of electric motors. V.V.Gamberg. Biul.tekh.-ekon.inform. no.3:18-20 '60.

The 3A377 three-sided six-spindle drilling and milling machine. F.M.Berkovich. Biul.tekh.-ekon.inform. no.3:22-23 '60.

The ZA107 and ZA108 machine tools for machining fittings. G.D.Zapriev. Biul tekh.-ekon inform no.2 26-29 '60.

MACHINE TOOLS—ATTACHMENTS

High-speed universally readjusted attachments. IU.I. Kuznetsov. Mashinostroitel' no.3,19-22 Mr '60

Regulated bin-guiding device Kh IA.Finkel'. Stan.i instr 31 no.4 34-35 Ap '60.

"Technical and economic bases for the standardization and universalization of attachments" by A.V.Proskuriakov. Reviewed by IU.K.Kozlov. Vest.mash. 40 no.3: 84-85 Mr '60.

MACHINE TOOLS—DESIGN

Development of the design of heavy-duty machine tools. B.A.Kudinov, S.P.Naletov. Stan.i instr. 31 no.3: 1-10 Mr '60.

MACHINE TOOLS—NUMERICAL CONTROL

Tepinkichiev, V.K. [Program control of machine tools] Programmnoe upravlenie stankami. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959. 74 p.

MACHINE TOOLS—PNEUMATIC DRIVING

High-speed pneumatic-spring drive for clamping parts in collets. B.L.Smolenskii. Mashinostroitel' no.3:18 Mr '60.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

The 1L38 semiautomatic line for machining crawler-link bushings for the S-80 tractors, E.S Shul'kina Biul tekh -ekon inform no 2 15-18 '60

MACHINE TOOLS—VIBRATION

Dynamic loads in machine-tool drives due to cutting. E.I.Rivin, R.M.Pratusevich, A.A.Bul'kanov. Stan.i instr. 31 no.3:16-18 Mr '60.

MACHINE-TRACTOR STATIONS

Planning and building central establishments for machine-tractor stations. K.Kaverin, E.Dibner. Sil'.bud. 8 no.2;18-20 F '58.

MACHINE TRANSLATING

Different types of homonyms and methods of their rendition through machine translation. S.S.Belokrinitskaia and others. Vop.iaz. 9 no.2,97-101 Mr-Ap '60.

"Mechanical resolution of linguistic problems" [in English] by A Booth, L Brandwood, J Cleave Reviewed by G.A.Tarasova Vop iaz 9 no 1 129-130 Ja-F '60

Structure of an algorithm for an independent grammatical analysis of the Russian language Dokl AN SSSR 132 no 5 1049-1050 Je '60

MACHINE TRANSLATING—PERIODICALS

New publications. Vop.iaz. 9 no 2:159-160 Mr-Ap '60.

MACHINERY

Census of uninstalled equipment. P.Zel'tser, K.Truskina. Vest.stat. no.3:52-57 '60.

Youth, you must live in a world of machines. P.Smirnov. Chto chitat' 3 no.2:9 F '60.

MACHINERY—CONSTRUCTION

Characteristics of polyamides as materials for machine construction K N.Vlasova, L.A.Nosova Vest mash. 40 no.4 33-39 Ap '60

[Machine building; abstracts.] Referativnyi zhurnal' Mashinostroenie nos.8-9,15,19,20 '58, nos 4-6 '59.

[Machine building; abstracts nos.60316-66095.] Referativnyi zhurnal: Mashinostroenie no.12 Je '60.

[Machine building; abstracts nos.66096-71945.] Referativnyi zhurnal: Mashinostroenie no 13 Jl '60.

[Machine building; abstracts nos.71946-78235.] Referativnyi zhurnal: Mashinostroenie no 14 Jl '60.

Using reinforced concrete in heavy machinery and press manufacture. I.G.Liudkovskii. Izv.ASIA no.4:88-107 '59.

MACHINERY—DESIGN

Designing body parts of machines. A.E.Krushevskii. Sbor.nauch.trud.Bel.politekh inst. no.75:10-14 '59.

Experience in practical designing. M.Belyi. Prof.-tekh. obr. 17 no.3:14-15 Mr '60.

Grading of dimensions and similitude laws in designing elements of machines and machine tools; abstract. K.V.Khitsenko. Standartizatsiia 24 no.3:63-64 Mr '60.

Selecting allowed stresses for machine parts subjected to variable loads taking the dispersion of the life of parts into consideration V.N.Treier. Sbor.nauch.trud.Bel. politekh.inst. no.75:61-67 '59.

Wages of engineering workers in experimental production. V.Zhukov, N.Trusikhin. Sots.trud 5 no.3:108-112 Mr '60.

MACHINERY—DRAWING

Where can we get machinery drawings? B.Salankin, M.Gomer. Izobr.i rats. no.3:16-17 Mr '60.

MACHINERY—MAINTENANCE AND REPAIR

(see subdivision under Communist Countries)

Built-up welding under flux by means of a weaving arc. V.B Shliapin and others. Svar.proizv no 2 24-26 F '60.

Contribution of the scientists in institutions of higher learning to technical progress; from the Exhibition of the Achievements of the National Economy. E.Evgen'ev. Vest.vys.shkoly 18 no.7:36-40 Jl '60.

MACHINERY—STORAGE

Experience in long outdoor storage of equipment. S.M. Nosenko. Vest.mash. 40 no.3:77-80 Mr '60.

MACHINERY—TESTING

Accelerated durability tests for machine parts which wear out. V.N.Treier. Sbor.nauch.trud.Bel.politekh.inst. no.75.3-9 '59.

Using compressed air in testing machine parts. M.Z.

(see also subdivision under Uzbekistan)

Important source on labor economics ("Methods of reducing labor time on auxiliary work in industry" by B. V. Vlasov. Reviewed by B. Miller). Sots.trud 5 no.1:[illegible] 159 '60.

Leasing credit for new machinery. I. M. Brokle. Sov.gos i pravo no.6:34-38 Je '60.

Method of determining the economic effectiveness of the mechanization and automation of production. A. Emel'ianov, V. Krasovskii. Plan.khoz. 37 no.6:[illegible] Je '60.

Methods of determining the effectiveness of over-all mechanization and automation. A. Efimov. Vop.ekon. no.6:40-50 Je '60.

Modernization of equipment and growth of labor productivity. V. Vorotilov, G. Ovchinenko. Sots.trud 5 no.1:9-15 '60.

Study on the mechanization of labor ("Statistical study on the mechanization of labor" by IA. B. Kvasha. Reviewed by V. Krasovskii). Sots.trud 5 no.2:151-154 '60.

Technological progress and obsolescence of equipment in the U.S.S.R. A. Migirov. Nauch.dokl.vys.shkoly; ekon.nauki no.1:[illegible] '60.

MACHINERY IN INDUSTRY—PERIODICALS

"Technical Informer," a Czechoslovak journal. [illegible] 11 no.2:[illegible] '60.

MACHINERY INDUSTRY

(see also subdivision under Altai Territory; Bashkiria; China; Czechoslovakia; Elektrostal'; Gorkiy; Kiev; Leningrad; Moscow; Mytishchi; Prague; Rostov Province; Sverdlovsk)

Additional hidden potentials in machinery plants. M. V. Radaev. Mashinostroitel' no.[illegible] Mr '60.

For a wider adoption of technological assemblies by machine-building plants. V. V. Doronin, G. G. Kuntsev. [illegible] prom. 37 no.1:[illegible] '60.

In the State Committee on Automation and Mechanical Engineering attached to the Council of Ministers of the U.S.S.R. Mekh.i avtom.proizv. 14 no.3:56 Mr '60.

Malakhov, I. K., and D. H. Khmel'nyts'kyi. [Economy, organization, and planning of machinery plants] Ekonomika, organizatsiia i planuvannia mashynobudivnykh pidpryiemstv. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 163 p.

Mechanization and automation of technological processes in the heavy machinery industry. I. S. Zhavoronkov, G. M. Kharakov. Mekh.i avtom.proizv. 14 no.3:[illegible] Mr '60.

"Production specialization and distribution of the machinery manufacturing industry in the U.S.S.R." A. G. Omarovskii. Reviewed by S. Semin. Plan.khoz. 37 no.6:81-83 Je '60.

Razumov, I. M., and others. [Organizing and planning machinery plants] Organizatsiia i planirovanie mashinostroitel'nykh predpriiatii. Pod red. I. M. Razumova i L. IA. Shukhgal'tera. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 491 p.

Review of "Automation of technological processes in the manufacture of machines" by [illegible] Shapovalov, [illegible], [illegible], V. Golubkin. Mashinostroitel' no.[illegible] Mr '60.

Scientific technical conference on economic problems in the automation of the manufacture of machines. A. A. Dubasov. Vest.mash. 40 no.3:81-83 Mr '60.

Some problems in standardizing machinery manufacturing enterprises with overhead conveying systems. B. I. Aizenberg. Prom.stroi. 38 no.4:[illegible] '60.

"Specialization and the distribution of machinery manufacturing enterprises in the U.S.S.R." by A. G. Omarovskii. Reviewed by B. Zabelin. Vop.ekon. no.6:[illegible] '60.

Standardization of industrial processes in the manufacture of machines. N. V. Kolotilova. Standartizatsiia 24 no.3:57-58 Mr '60.

MACHINERY INDUSTRY—CONGRESSES

Conference on precision in the manufacture of machines. V. A. Braginskii, V. N. Gostev. Standartizatsiia 24 no.3:53-56 Mr '60.

MACHINERY INDUSTRY—COSTS

Several problems in calculating industrial production costs, based on production in machinery manufacturing and chemical industries. V. A. Danemovich. Nauch.trudy MGPI no.17:16-60 '60.

MACHINERY INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Bryansk)

Influence of the microclimate of the plant and of industrial labor on the incidence of respiratory diseases among machinery industry workers. G. L. Khazan and others. Vrach.delo no.2:199 F '60.

MACHINERY INDUSTRY—LABOR PRODUCTIVITY see subdivision under Leningrad

MACHINERY INDUSTRY—PRODUCTION STANDARDS

(see also subdivision under Altai Territory; Moscow)

All-Union scientific and technical conference on work norms and research work in the machinery industry. Sots.trud 5 no.2:115-118 F '60.

[illegible] Sots.trud [illegible] '60.

Introduce uniform work norms in all machine manufacturing enterprises. [illegible] '60.

Results of the All-Union contest for the best work on the methodology of technical standards and work norms. F. Pogrebitskii. Biul.nauch.inform.: trud i zar.plata 3 no.2:[illegible] '60.

Scientific technical conference [illegible] in the machinery manufacturing industry. [illegible] Biul.nauch.inform.: trud i zar.plata [illegible] '60.

Working out norms for the [illegible]. Biul.nauch.inform.: trud i zar.plata [illegible] no.1 [illegible] '60.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kharkov; Leningrad; Moscow; White Russia)

Province scientific technological conference on mechanization and automation in the [illegible]. B. A. Kapitonov. Mekh.i avtom.proizv. 14 [illegible] Mr '60.

MACKEREL see subdivision under [illegible]

MACROMOLECULAR COMPOUNDS

A. P. [illegible] contribution [illegible] chemistry of high molecular [illegible] anniversary of A. P. [illegible] Mr '60.

Chemical effect of ultrasonics [illegible]

Great polymers (continuation). [illegible] 38 no.2:[illegible] '60.

Seventh scientific conference on high molecular compounds. [illegible]

"Solutions of high molecular weight [illegible]" Reviewed by [illegible]

MADAGASCAR—ECONOMIC CONDITIONS

"Inside Madagascar". [illegible]

MADRAS, INDIA—DESCRIPTION

In Madras. [illegible] Je '60.

MAGADAN—RESEARCH

Organization of a [illegible]

MAGADAN—THEATER

The [illegible] theater in Magadan. [illegible] Mr '60.

MAGADAN PROVINCE—COAL MINES AND MINING

Magadan coal. [illegible]

MAGALA—EXCAVATIONS [illegible]

[illegible]

MAGELLAN, FERDINAND, 1480-1521

Columbus and Magellan. I. P. Magidovich. [illegible] 25 no.3:11-20 Mr-Ap '60.

MAGNESITE

Refractory [illegible] magnesite [illegible]. P. I. Kolin, A. I. Belerg, [illegible]. [illegible] 25 no.1:44-46 '60.

Investigating the [illegible] magnesite. [illegible]

MAGNESIUM

Mechanism of the [illegible] magnesium [illegible]. M. S. [illegible] Je '60.

Reduction kinetics of tetrachloride of titanium by magnesium. V. A. Reznichenko, S. V. Ogurtsov. Titan i ego splavy no.3:82-91 '59.

Role of magnesium in the composition of metasomatic formations with borate mineralization [with summary in English]. A. P. Egorov. Geokhimiia no.2:104-116 '60.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM COMPOUNDS

Reaction of sodium dialkyl [illegible] alkyl phosphonates with alkyl [illegible]. [illegible] Petrov, N. K. Bliznuik, [illegible]. [illegible] 30 no.6:1984-1988 Je '60.

[illegible]

MAGNETIC RECORDERS AND RECORDING

"Gamma" magnetic tape recorder. R. Pollakov. Radio no 3 55-59 Mr '60.

High density recording of numerical information on a magnetic drum Izv. vys ucheb zav , radiofiz 2 no. 6 998-1004 '59

Palette of new sounds. G. Anfilov. Znan. sila 35 no. 3: 13-22 Mr '60.

Parkhomenko, V.I. [Magnetic recording heads] Magnitnye golovki. Moskva, Gos. energ. izd-vo, 1960. 70 p. (Massovaia radiobiblioteka, no. 365)

Use of Hall pick-ups in magnetic pickup heads [with summary in English]. IU A Vasilevskii. Avtom i telem 21 no 3 402-406 Mr '60

MAGNETIC SEPARATION OF ORES

Roller-type separator with a strong magnetic field V I Karmazin, V V Krutii Biul tekh -ekon inform no 2 6-8 '60

MAGNETIC STORMS

Types of irregular magnetic disturbances and mechanisms of influence of solar corpuscular streams on the outer atmosphere [with summary in English]. M. S. Bobrov. Astron. zhur. 37 no. 3 410-424 My-Je '60.

MAGNETISM

Reversal of magnetism in the generator of an electric drive. L.G. Rubo. Prom. energ. 15 no. 3:60 Mr '60.

MAGNETISM, TERRESTRIAL
(see also subdivision under Armenia)

Geomagnetism IU. D. Kalinin Mezhdunar. geofiz. god no. 8.19-21 '60.

Magnetism and the earth's core. Priroda no. 6·99-100 Je '60.

Principles of geophysical exploration by investigating the earth's magnetic field [with summary in English]. A. P. Bondarenko Dop AN URSR no 2.159-163 '60.

Service based on seconds. V. A. Troitskaia. Kul't, i zhizn' 4 no. 3,30-34 '60.

Short-period pulsations of the earth's magnetic field [with summary in English]. A. S. Dvorlashin. Izv. Krym. astrofiz. obser. 21:198-208 '59.

Some notes on V. I. Pochtarev's article "The earth's magnetic field and its relationship with other geophysical phenomena and the geological structure of the earth's crust." P. N. Kropotkin. Izv. AN SSSR. Ser. geofiz. no. 6:909-910 Je '60.

Third all-Union Conference on residual magnetism. V.V. Metallova. Vest. LGU 15 no. 12·157-158 '60.

V. I. Pochtarev's reply to IU. D. Kalinin and P. N. Kropotkin's articles. Izv. AN SSSR. Ser. geofiz. no. 6:911-912 Je '60.

Velocity of corpuscules in streams causing M-disturbances [with summary in English]. E. R. Mustel'. Astron zhur 37 no. 3.403-409 My-Je '60.

MAGNETISM, TERRESTRIAL—DIURNAL VARIATION

Some regularities of behavior of the vertical component of short-period variations of a geomagnetic field with a stable regimen (Rs); according to observations of the International Geophyscial Year. O. V. Dol'shakova, K. IU. Zybin, N. F. Mal'tseva. Izv. AN SSSR. Ser. geofiz. no. 6.818-827 Je '60.

MAGNETISM, TERRESTRIAL—MAPS see subdivision under Czechoslovakia

MAGNETITE see subdivision under Kara-Kyz region (Uzbekistan)

MAGNETOHYDRODYNAMICS

Plane flow of an ideal gas with infinite électric conductivity in a magnetic field which is not parallel to the speed of the stream. M. N. Kogan. Prikl. mat. i mekh. 24 no. 1 100-110 Ja-F '60.

Shock waves in magnetohydrodynamics. N. N. Kogan. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3· 143-146 My-Je '60.

Solution of problems in magnetic gas dynamics. I. M. IUr'ev. Prikl. mat. i mekh. 24 no. 1·168-170 Ja-F '60.

Some solutions of problems in one-dimensional magnetohydrodynamics and their application to problems of the propagation of shock waves. V. P. Korobeinikov, E. V. Riazanov. Prikl. mat. i mekh. 24 no. 1:111-120 Ja-F '60.

MAGNETOMETER

Measuring the intensity and gradient of nonhomogeneous magnetic fields with nuclear magnetometers IU N. Denisov. Prib. i tekh. eksp. no 1 82-84 Ja-F '60.

MAGNETOSTRICTION

Investigating the texture and anistropy of magnetostriction in Fe-Al and Fe-Cr alloys. M. M. Borodkina, Z. N. Bulycheva, IA. P. Selisskii. Fiz. met. i metalloved. 9 no. 3:390-399 Mr '60.

MAGNETOTHERMAL EFFECTS see Thermomagnetism

MAGNETS—STANDARDS

Constant magnets and their magnetic characteristics. V. M. Chernov. Standartizatsiia 24 no. 3:18-19 Mr '60.

MAGNITOGORSK—COMMUNITY AND SCHOOL

Following the example of Magnitogorsk workers. M. Evteeva. Sem'ia i shkola 15 no. 2,1-3 F '60.

MAGNITOGORSK—STEEL INDUSTRY

At the foot of the Magnitnaya Mountain. Sov. voin 42 no. 12:8 Je '60.

MAGNITOGORSK REGION—SPRINKLER IRRIGATION

Work practices in the construction and operation of closed irrigation systems by the use of DM-60 sprinklers. L.V. Sventitskii. Gidr. i mel. 12 no. 3 11-14 Mr '60.

MAGNOLITE

Artificial drying oil, colcothar, and magnolite. N. I. Oranskii. Soob. Prim. otd. VKHO no. 3·201-207 '57.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

Grigor'ev, N.D. [Maiakovskii in Vladimir] Maiakovskii vo Vladimire. [Vladimir] Vladimirskoe knizhnoe izd-vo. 1959. 106 p.

Kalitin, N.I. [Poet and innovator; Maiakovskii's work] Poet-novator; o masterstve Maiakovskogo. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 9)

Maiakovskii as an essayist. A. A. Smorodin. Uch. zap. LGU no. 284 77-97 '60

[Our Maiakovskii] Nash Maiakovskii. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 158 p.

Rymashevskii, V.V. [Nekrasov and Maiakovskii; essays in literary criticism] Nekrasov i Maiakovskii; literaturovedcheskie ocherki. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 211 p.
(NNC)

MAKARENKO, ANTON SEMENOVICH, 1888-1939

A good means of education ("Club activities and games in the practice of A.S Makarenko" by V. N Terskii Reviewed by I. Mar'enko). Nar. obr no 6 114-115 Je '60

MAKARENKO, ANTON SEMENOVICH, 1888-1939—BIBLIOGRAPHY see Bibliography—Makarenko, Anton Semenovich, 1888-1939

MAKAROV, STEPAN OSIPOVICH, 1849-1904

Russia (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi arkhiv Voenno-Morskogo Flota. [S. O. Makarov, documents] S. O. Makarov; dokumenty. Pod red. V. S. Shlomina. Moskva, Voen. izd-vo M-va obor. SSSR. (Materialy dlia istorii Russkogo flota - russkie flotovodtsy)
Vol. 2. 1960. 781 p.

MAKAROVKA DISTRICT—BRICKMAKING

Our success depends on having our own means of production. V. Petrenko. Sil'. bud. 8 no. 2·9-10 F '58.

MAKEYEVKA—METALLURGICAL PLANTS

Simplifying the production control apparatus at the Makeyevka metallurgical plant. P. Goncharov. Sots. trud 4 no. 12·116-119 D '59.

MAKHACHKALA—HARBOR

Difficulties in the use of the port of Makhachkala due to the lowering level of the Caspian Sea O IU. Omarov. Trudy Okean kom. 5:286-297 '59.

MAKHYNIA, PANTELEI KLYMOVYCH

In a worker's and poet's name A Nechyporenko Sots kul't 13 no 2·37 F '60.

MALAGASY NEWSPAPERS

"Imongo Vaovao", the voice of the people of Madagascar. L. Korneev. Sovr. Vost. no. 6,52-53 Je '60.

MALAYA—CHINESE

The Chinese of the Federation of Malaya. M. G. Zhuravleva. Sov. etn. no 1:99-107 Ja-F '60.

MALAYA ALMAATINKA RIVER—FLOOD CONTROL

Prevention of mud flow formation in glacier regions S. P. Kavetskii, A. V Vetiutnev Trudy KazNIGMI no. 11 40-51 '59

MALAYA ALMAATINKA RIVER—FLOODS

Formation and dynamics of mud flows. I. P. Smirnov. Trudy KazNIGMI no. 11 52-61 '59.

MALDIVE ISLANDS—AIR BASES, BRITISH

High-pressure tactics of the colonialists. N. Alekseev. Mezhdunar. zhizn' 7 no. 7·126-128 Jl '60.

MALISHEUSKI, A.

Exhibition of the achievements of a painter. L. Drobau. Belarus' 17 no. 3:21 Mr '60.

MALLEOIDOSIS see Melioidosis

MALNUTRITION see subdivision under South Africa

MALO-KARACHAEVSK DISTRICT—COMMUNITY CENTERS

Bring the mountain girls into the active groups of the clubs. B. Batashev. Kul't.-pros. rab. 21 no. 2 26-27 F '60.

MALONIC ACID

Preparation of diethyl monoimidomalonate hydrochloride N. I Shirokova, T V Krasnova, I V. Aleksandrov Zhur prikl khim. 33 no 3 746-748 Mr '60.

Synthesis of malonic acid and its esters from carbon suboxide. L. B. Dashkevich Dokl. AN SSSR 132 no 6 1319-1321 Je '60.

MALORITA—APPLE JUICE

Experience in manufacturing apple juice at the Malorita Vegetable Dehydrating Plant. A. F. Skurikhin, V. A. Shakh. Kons. i ov. prom. 15 no. 4·15-16 Ap '60

MALORITA DISTRICT—ATHEISM

Concrete and pertinent propaganda. G. Ignatov. Komm. Bel. 34 no. 3:56-58 Mr '60.

MALT

Influence of nonsugars and salts of molasses sirup upon the amylolytic ferments of malt. M. T. Poluianova. Spirt. prom. 26 no. 1:9-13 '60

MALT—DISINFECTION

Disinfection of green malt. S. A. Konovalov and others. Spirt. prom. 26 no. 1 13-16 '60.

MAMMALS see subdivision under Loyev District, Volga Valley

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS, FOSSIL
(see also subdivision under Taymyr Peninsula)

"Large Ice Age mammals" [in German] by H. D. Kahlke. Reviewed by M A Gremiatskii. Vop. antr. no 1 153 '60

MAN—INFLUENCE OF CLIMATE

Climatic factors of heat perception in man. M. I. Budyko, G. V. TSitsenko. Izv. AN SSSR. Ser. geog. no. 3 3-11 My-Je '60.

Hypsistenocephaly as an adaption trait in a tropical zone. V P. Volkov-Dubrovin, IA. IA. Roginskii. Vop antr no. 1,45-55 '60.

MAN—INFLUENCE OF ENVIRONMENT

Role of the external environment in the incidence of poliomyelitis G. A. Bagdasar'ian Fel'd. i akush. 25 no. 3·3-6 Mr '60.

MAN—ORIGIN

Against the vulgarization of Marxist science on the origin of man and society G. F. Khrustov. Vop antr. no. 2 75-83 '60.

Darwin and current problems of anthropogenesis. M F. Nesturkh Vop antr. no. 2:7-18 '60

Reflection of antrhopogenesis concepts in progressive Russian journals at the time of the publication of C. Darwin's "Origin of species" in 1859 N G. Zalkind. Vop. antr. no 2 39-44 '60.

MAN, PREHISTORIC
(see also subdivision under Shansi Province; Yuzhyy Oleniy Island)

Age of the Cro-Magnon man. N. N Karlov. Priroda no 6·83 Je '60.

MAÑARA Y VICENTELO DE LECA, MIGUEL, 1627-1679

"Saint" Don Juan. A. Bobrovskii. Nauka i rel. no. 3 40-42 N '59.

MANGANESE

Amounts and chemical form of copper and manganese in experimental C-avitaminosis [with summary in English]. V. O. Savrych Ukr biokhim. zhur. 32 no. 1,100-106 '60.

Catalytic properties of pyrophoric manganese. A E Agronomov, V. N. Luzikov. Dokl. AN SSSR 132 no. 6· 1315-1318 Je '60.

Phase composition, luminescent properties and structure of synthetic zinc silicates containing manganese. V. V. Osiko. Zhur. neorg. khim. 5 no. 2·297-305 F '60.

MANGANESE—ANALYSIS

Determination of metallic manganese in slags. V. S. Nagibin, A. V. Arkhipova. Trudy Inst. met no 5:106-107 '60

MANGANESE—CORROSION

Studying the effect of certain inhibitors on the corrosion of manganese. L. N. Dzhaparidze. Soob. AN Gruz SSR 23 no. 5·547-552 N '59.

MANGANESE—PHYSIOLOGICAL EFFECT

Effect of boron and manganese on variation in sugar production in the cotton plant and the translocation of sugars from the leaves [in Azerbaijani with summary in Russian] M G. Abutalybov. Uch zap AGU. Biol. ser. no. 2 37-47 '59

Influence of manganese on the thyroid gland of rats in iodine insufficiency. T. S. Samoflal. Vrach. delo no. 3:313 Mr '60.

[illegible]—METALLOGRAPHY

Investigating the characteristics of the manganese phase of certain manganese bronze alloys. M.P. Belin, Z.A. Svidzinskaia, I. I. Robinin. Trudy Inst. met. no.5: 95-01 '60.

MANGANESE COMPOUNDS

Synthesis and physicochemical studies of a complex salicylate of trivalent manganese. M.S.Shumyle, Grigor'eva, P.H.Gilbina. Zhur. neorg. khim. 5 no.2: 201 [illegible] '60.

MANGANESE FERRATE

Reduction of manganese ferrite by hydrogen and graphite. M.G. Zhuravleva, G.I. Chufarov, E.A. Bratulin. DAN SSSR 131 no.5:1074-1077 Ap '60.

MANGANESE IN THE BODY

Manganese content of the blood, organs, and tissues of rabbits at different physiological stages. V.A. [illegible] H.H. Halsko. Vestsi AN BSSR. Ser.biial.nav. no.1: 71-77 '60.

MANIC-DEPRESSIVE PSYCHOSES

"Pathophysiological characterization of patients with manic-depressive psychosis and ways of preventing it" by P.V.Bilenbovich. Reviewed by I.I.Robinin. Zhur.nevr.i psikh. 60 no.1:[illegible] '60.

MANN, HEINRICH, 1871-1950

Tenth anniversary of the death of Heinrich Mann. Vest. AN SSSR. 30 no.6:[illegible] Je '60.

MANOMETER

High pressure differential contactless manometer. M.L. Zhukhovskii, V.V.Baidyakova. Izm.tekh. no.[illegible] Mr '60.

[Leveling condensing vessels for differential manometers, steam flow meters for operating pressures up to 100 kg/cm²] Sosudy uravnitel'nye kondensatsionnye dlia differentsial'nykh manometrov, parameromer na rabochee davlenie do 100 kg/cm². Moskva, Standartgiz, 1960. 20 p. (Normal' mashinostroeniia MN 138-59 (25R))

Manometric gauge for determining the moisture of peat. A.Iu.Berdalin. Torf.prom. 37 no.2:21-23 '60.

Widening the area of application of standard two-piston vacuum manometers. E.I.[illegible]. Izm.tekh. no.2:16-[illegible] '60.

MANUAL TRAINING

(see also subdivision under Ukraine)

Psychological peculiarities of the transfer of skills among higher-level pupils [with summary in English]. P.A.Mitroran. Vop.psikhol. 6 no.1:[illegible] Ja-F '60.

MANUAL TRAINING—HYGIENIC ASPECTS see subdivision under Tashkent

MANUAL TRAINING—PSYCHOLOGICAL ASPECTS

"Psychological problems in industrial training". Edited by P.N. Shimbirev. Reviewed by [illegible]. Vop. psikhol. 6 no.[illegible] '60.

MANUSCRIPTS, SLAVIC—PRESERVATION

Bezhanovskii, M.A., V.P.Petrov, and B.G.Butkevich. [Manuscript experience in preserving cores] Opyt Mono[illegible]. Moskva, Gos. [illegible], 1959. 57 p.

A spacious pre-Cyrillic manuscript. L.P.Chukovskaia. Vop.ist. [illegible] no.3:142-144 Mr-Ap '60.

MAP DRAWING

[illegible] to make a map of the area. [illegible] no.5:[illegible] My '60.

MAP PRINTING

From the pages of "the Polygrapher" [a German journal]. V.M.Varaggin. Geod.i kart. no.3:69-73 Mr '60.

Improved switching handle for the lifting of glass and regulation of the vacuum. V.M. Dubeshkin. Geod.i kart. no.2:64 F '60.

Manufacture of cross line screens on photomechanical films. V.M.Varaggin, V.P.Stepanov. Geod.i kart. no.2:41-46 F '60.

MAP PROJECTION

Some studies of formulas for rectangular coordinates of Lambert's conformal conic projection. I. A. Vakhramova. Izv.vys.ucheb.zav.; geod.i aerof. no.2:[illegible] '60.

MAPLE see subdivision under White Russia

MAPS

(see also subdivision under Central America)

Determining distances between geographical points. N.Antimonov. Geog.v shkole 23 no.2:35-41 Mr-Ap '60.

MAPS—BIBLIOGRAPHY see Bibliography—Maps

MAPS—SYMBOLS

Editorial work in representing vegetation on topographic maps. O.P.Lomakina. Izv. [illegible] no.1:[illegible] Ja '60.

MARCONI, MARCHESE GUGLIELMO, 1874-1937

Popov and Marconi. D. Jones. Ogonek 38 no.[illegible] Mr '60.

MAREEV, NIKOLAI PETROVICH, 1893-1959

Nikolai Petrovich Mareev. Khim.volok. no.1:[illegible] '60.

MARI A.S.S.R.—FORESTS AND FORESTRY

Chistiakov, A.R., and A.R.Denisov. [Conserved forests in the Mari A.S.S.R. and adjacent regions] Ohrannye lesa Mariiskoi A.S.S.R. i sopredel'nykh raionov. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. 71 p.

MARI A.S.S.R.—PRINTING INDUSTRY

Achievements and needs of the printing industry of the Mari A.S.S.R. N.Kishtinov. Poligr.proizv. [illegible] F '60.

MARI A.S.S.R.—RIVERS

Lebedev, A.D., and M.V.Potbeslin. [Attractive and [illegible] natural resources] Vitrinny [illegible]. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. [illegible]

MARINE BIOLOGY

Invisible life of an ocean ("Microbiology of ocean waters" by A.E.Kriss). Reviewed by [illegible]. [illegible] no.4:[illegible] Ap '60.

MARINE BIOLOGY—BIBLIOGRAPHY see Bibliography—Marine biology

MARINE BIOLOGY—RESEARCH see subdivision under Karadag

MARINE DIESEL ENGINES

Supplying marine diesels as assemblies, their installation and delivery setups. K.A. Vasil'ev. Trudy NTO sud.prom. no.32:17-25 '59.

MARINE ENGINEERING

Assembled unit manufacture and mounting of auxiliary mechanisms. R.K.Bedelin. Trudy NTO sud.prom. no.32:[illegible] '59.

Assembling mechanical equipment in [illegible] improving mounting operations [illegible]. I. V.[illegible]. Trudy NTO sud.prom. no.32:6-13 '59.

Ulinov, I.H. [Handbook of a technician of a refitting shop of a ship repair plant] Spravochnik tekhnika [illegible] [illegible]. Izd. 3., perer.i dop. Moskva, Izd-vo "Morskoi transport," 1960. 604 p.

Methods of protecting ship mechanisms. F.V. Isbra. Trudy NTO sud.prom. no.32:49-53 '59.

MARINE ENGINEERING—CONGRESSES

Discussing the reports at [illegible] Trudy NTO sud.prom. no.32:52-59 '59.

MARINE FLORA

Studying the [illegible]. Vestn. [illegible] Vest. AN [illegible].

MARINKA DISTRICT—SOCIAL GROUP WORK

[illegible] 1 '60.

MAR'INO (KURSK PROVINCE)—DESCRIPTION

Fedorov, B.I. [Mar'ino country estate] Usad'ba Mar'ino. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 81 p. (Arkhitekturnye pamiatniki)

MARITIME PROVINCE—CHEMISTRY

Ten years of work of the Maritime Section of the D.I. Mendeleev All-Union Chemical Society. Zhur. VKHO no.3:[illegible] '57.

MARITIME TERRITORY—ART INDUSTRIES

A good start has been made. D. Palachinskaia. Dekor. iskusstvo. 3 no.3:31 Mr '60.

MARITIME TERRITORY—ATMOSPHERIC TEMPERATURE

Characteristics of mean monthly air temperature [illegible] in the Maritime Territory. P.A. Alsova, A.I. Sorokina. Trudy Dal'nevost. NIGMI no.7:[illegible] '59.

MARITIME TERRITORY—COAL MINES AND MINING

The most important thing. [illegible] Sov. profsoiuzy 16 no.[illegible] My '60.

MARITIME TERRITORY—ENCEPHALITIS

Spontaneous infections of the tick Haemaphysalis japonica douglasi N. with the virus of tick-borne encephalitis in the Maritime Territory. N.P. Bolikova, I. G. Tokarevich. Dokl. AN SSSR 132 no.6:1452-1454 Je '60.

MARITIME TERRITORY—MACHINE ACCOUNTING

Transition to a seven hour workday and the mechanization of administrative work. V.Belopol'ski. Fin. SSSR 21 no.6:22-25 Je '60.

MARITIME TERRITORY—[illegible]

Arsen'ev [illegible] Maritime Territory. I.K. [illegible] no.[illegible] '60.

MARITIME TERRITORY—[illegible]

[illegible]

MARKING [illegible]

[illegible] V.I. Afanas'ev [illegible] Ap '60.

[illegible]

MARKING OF ANIMALS see Animals, Marking of

MARKOVYCH, MARIIA OLEKSANDRIVNA (VOVCHOK), 1834-1907

[illegible] literary works. [illegible] Mr-Ap [illegible].

[illegible] [Marko Vovchok and Russian literature] Marko Vovchok i russkaia literatura. [illegible]

MARL

[illegible] materials. [illegible] 21 no.[illegible] Ap [illegible].

MARRIAGE

[illegible]

MARRIAGE—[illegible]

MARR, NIKOLAI IAKOVLEVICH, 1864-1934

[illegible]

MARS [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MARS (PLANET)—[illegible]

[illegible]

MARS (PLANET)—[illegible]

[illegible]

MARS (PLANET)

[illegible]

[illegible] Mars [illegible]

[illegible]

MARS (PLANET)—OPPOSITION, 1956

[illegible]

MARSEILLES

Birth place of the "Marseillaise." [illegible] 3 Mr '60.

MARSHALL ISLANDS—[illegible]

[illegible]

MARSHES see Swamps

MARTENSITE

Effect of grinding patterns on the stress state of the martensite phase [with summary in English] B. D. Hrozin, S. B. Nyzhnyk. Dop AN URSR no. 1 40-43 '60

Phase stabilization of austenite. O P Maksimova, E I Estrin Dokl. AN SSSR 132 no 6 1303-1306 Je '60

MARTI, JOSE, 1853-1895

Study on Jose Marti ("Jose Marti, American writer" [in Spanish] by Juan Marinello Reviewed by S. Vorob'ev). Inostr. lit no. 1:250-251 Ja '60.

MARTIN, JOSEPH, 1856-1892

The last trail. V. Vinogradov, A. Solov'ev. Vokrug sveta no. 3:13 Mr '60.

MARTIN DU GARD, ROGER, 1881-1958

Triumph and downfall of Jean Barrois ("Jean Barrois" by Roger Martin du Gard. Reviewed by L. Zonina). Nauka i rel. no. 2:92-94 O '59.

MARTINIQUE—FER DE LANCE

The scourge of Martinique. IU Lopatin. Ogonek 38 no. 18 32 My '60.

MARX, KARL, 1818-1883

Pazhitnov, L N [At the sources of revolutionary upheaval in philosophy. K. Marx's "economic and philosophical manuscripts of 1855"] U istokov revoliutsionnogo perevorota v filosofii, "ekonomichesko-filosofskie rukopisi 1844 goda " K. Marksa. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 168 p.

Unfading ideas ("Works" by K Marx and F Engels Vol 14 Reviewed by M. Gil'man). Part zhizn' Kazakh 30 no 3 68-73 Mr '60

MARX, KARL, 1818-1883—BIBLIOGRAPHY see Bibliography—Marx, Karl, 1818-1883

MARX, KARL, 1818-1883—MONUMENTS, ETC.

To the founder of theoretical communism. Arkhit. i stroi. Mosk. 8 no. 7 4-5 Jl '59.

MASKS—CLASSIFICATION

The mask, classification of types based on ethnological materials (article 2) A D Avdeev Sbor. Muz ant i etn 19 39-110 '60.

MASLOV, MIKHAIL STEPANOVICH, 1885-

Medical researcher A V. Alekseev Zdorov'e 6 no 5 6-8 My '60.

MASS SPECTROMETRY

Using methods of mass spectrometry for analyses in physical metallurgy. IU. N Liubitov Trudy Inst met no. 5 238-243 '60.

MASS TRANSFER

"Theory of the transfer of energy and matter" by A. V. Lykov, IU. A. Mikhailov. Reviewed by A. I. Chudnouski. Vestsi AN BSSR. Ser. fiz. -tekh. nav. no. 1:142-144 '60.

MASSAGE

Indications and method in the use of massage of the gums in the treatment of paradentosis. S. I. Frankovskaia. Probl. stom. 4:245-249 '58.

MATERIALS

Gul'kov, M. M. [Metals and materials; reference tables] Metally i materialy; spravochnye tablitsy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 241 p. (Biblioteka konstruktora)

MATERIALS—DETERIORATION

Kinetics of disintegration and the scale effect. S. D. Volkov. Zav. lab. 26 no. 3:323-329 '60.

Problem of a scale factor. N. P. Shchapov. Zav. lab. 26 no 3:321-323 '60.

Role of the composition of rubber mixes during the biological deterioration of rubber goods. A. Petrulova, V. Zanova. Kauch i rez. 19 no. 2 16-17 F '60.

MATERIALS—ELECTRIC PROPERTIES

Instrument for a simultaneous study of dielectric and rheological properties of viscoplastic materials. IU. F. Deinega, V. P. Pavlov, G. V. Vinogradov. Zav. lab. 26 no. 3:353-356 '60.

MATERIALS—TESTING

Determination of the true logarithmic vibration decrement IU. K. Favstov. Zav. lab 26 no. 3:335-337 '60.

Device for testing materials under composite stress. IU. N. Rabotnov, B. P. Sokolov. Zav. lab. 26 no. 3. 374-375 '60.

Effect of the dimensions of the samples on their mechanical properties. N. N. Davidenkov. Zav. lab. 26 no. 3: 319-320 '60.

Improved method of lubricant feeding in abrasion wear testing. IU. D. Pashin. Zav. lab. 26 no. 3:377-378 '60.

Measuring the extent of the defects in goods with the amplitude of ultrasound. I. N. Ermolov. Zav. lab. 26 no. 4:446-451 '60.

Polymer materials with different physicomechanical characteristics for the study of stresses by the optical method N A. Shchegolevskaia and others. Izv vys. ucheb. zav., khim. i khim. tekh 3 no. 1,172-175 '60

Uses of a gamma flaw detector with a scintillation counter. V N Fainberg Khim. mash. no. 2 41-43 Mr-Ap '60

MATERIALS, EFFECT OF RADIATION ON

Stability of a round plate subjected to radiation. IU I Remnev. Nauch dokl vys. shkoly, fiz -mat. nauki no 3 145-117 '59

MATERIALS AT LOW TEMPERATURES

Effect of low temperatures on the efficiency of sealings IU A Nosov Trudy MAI no 117 40-60 '59

MATERNAL AND INFANT WELFARE

(see also subdivision under Vladimir Province)

Concern for mothers. Sots. obesp. 21 no. 3:1-3 Mr '60.

MATGRASS

Formation of turf plots and the life cycle of matgrass [with summary in English] Z I Persikova Biul MOIP Otd biol 64 no 5 61-68 S-O '59

MATHEMATICAL ANALYSIS

Best approximation of x^k functions when $k \to \infty$ by polynomials of the n th degree. M. K. Kovalenko Nauch. dokl. vys. shkoly, fiz. -mat. nauki no 3:99-101 '59.

New characteristics of pairs of T-complexes. G. G Bashirova. Trudy UzGU no 78 137-112 '58.

Problem of moments and the biorthogonalization of kernels. M M Dzhrbashian, R M Martirosian Dokl AN SSSR 132 no 6 1250-1253 Je '60

Projective and projective-metric transfers in manifolds with affine connectivity and in Rieman spaces V G Lemlein Dokl AN SSSR 132 no 6 1261-1264 Je '60

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL PHYSICS

Description of electron - phonon interaction by Green's functions. A. N. Voloshinskii. Nauch. dokl. vys. shkoly, fiz -mat. nauki no. 3,126-131 '59.

MATHEMATICAL SOCIETIES see subdivision under Moscow

MATHEMATICAL STATISTICS

Mathematical statistics A S Chebotarev Izv vys ucheb zav, geod i aerof no 2 61-72 '60

"Statistical methods of research" by R. A. Fisher; "Statistical methods" by F. Mills Reviewed by M. V. Ignat'ev. Vop. antr. no 1,153-155 '60

Using the method of statistical control in determining the quality of metal-cutting tools. V. I. Sis'kov, P. G. Katsev. Standartizatsiia 24 no. 3:3-6 Mr '60.

MATHEMATICS

(see also subdivision under Ukraine)

[Mathematics; translations of foreign articles.] Matematika; periodicheskii sbornik perevodov inostrannykh statei 4 no 3 My-Je '60.

MATHEMATICS—ABSTRACTS

[Mathematics; abstracts nos. 6008-7124.] Referativnyi zhurnal: Matematika no. 6 Je '60.

[Mathematics; abstracts nos. 7125-8451.] Referativnyi zhurnal: Matematika no. 7 Jl '60.

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—CONGRESSES

Mezhvuzovskaia konferentsiia po istorii fiziko-matematicheskikh nauk 1960. [Summaries of papers and reports of the Interuniversity Conference on the History of Physics and Mathematics] Tezisy dokladov i soobshchenii. [Moskva] Izd-vo Mosk. univ., 1960. 187 p.

MATHEMATICS—PERIODICALS

Need for an all-Union periodical in the domain of computation mathematics. L. A. Liusternik, V. K. Saul'ev. Usp. mat. nauk 15 no. 1:257-258 Ja-F '60.

MATHEMATICS—PHILOSOPHY

Plaskovs'kyi, B. V. [Struggle of materialism against idealism in present-day mathematics] Borot'ba materializmu z idealizmom v suchasnii matematytsi. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 1)

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Antonov, N. P., and others. [Collection of problems on elementary mathematics; aid for self-study] Sbornik zadach po elementarnoi matematike, posobie dlia samoobrazovaniia. Izd. 6. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 532 p.

Malov, V. N., A. F. Urnis, and K. N. Udalov. [Methodological instructions and examples on mathematics and physics] Metodicheskie ukazaniia i primery po matematike i fizike, v pomoshch' postupaiushchim v institut. Leningrad, M-vo putei soobshcheniia SSSR, 1959. 110 p.

Shchigolev, B M [Mathematical processing of observation data] Matematicheskaia obrabotka nabliudenii Moskva, Gos izd-vo fiziko-matem lit-ry, 1960 344 p.

MATHEMATICS—STUDY AND TEACHING

A. N Kolmogorov's seminar on selected problems of analysis. (1958-1959). Usp. mat. nauk 15 no. 1:247-250 Ja-F '60.

Experience in the more efficient teaching of mathematics. S. P. Dobrzhans'kyi Rad. shk. 39 no. 3 55-58 Mr '60.

How to develop the students' interest in mathematics. H D. Hrynevych. Rad. shk 39 no 3 58-64 Mr '60.

Students should be taught the required computation skills. N I Smirnov. Sred. spets. obr 7 no 1 23-27 Ja '60.

MATHEMATICS—TABLES, ETC

Bradis, V. M. [Four-digit mathematic tables for the secondary school] Chetyrekhznachnye matematicheskie tablitsy dlia srednei shkoly. Izd. 31. Moskva, Gos. Uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 62 p.

MATRICES

Imbedding of an additive category into a category with direct products I. E. Burmistrovich. Dokl AN SSSR 132 no 6 1235-1237 Je '60

MATTER

V. I. Lenin's conception of the nature of movement and its significance in the fight against metaphysics [with summary in English]. V. I. Sviderskii. Vest. LGU 15 no. 11: 63-76 '60

MAUGHAN, WILLIAM SOMERSET, 1874-

"Summing up" and "Points of view", Somerset Maughan aesthetic views and creative career D Zhantieva. Inostr lit no 2 185-192 F '60.

MAUTHAUSEN (CONCENTRATION CAMP)

"Don't forget it!" Herbert Thur. Mol. mira no. 9:15 '59.

"In the torture chambers of Mauthausen" by V. Sakharov. Reviewed by E Dagin Zvezda no 2:219 F '60

Those who are not missing in action. IU. Korol'kov. Ogonek 38 no. 16:22 Ap '60.

MAY DAY (LABOR HOLIDAY)

Holiday of peace and work. Ogonek 38 no. 18 1 My '60.

Moscow, Red Square. Ogonek 38 no. 19:2-3 My '60.

Revolutionary festival of progressive forces; material for lectures and discussions on May 1st. K. Zarodov. Agitator no 7,3-10 Ap '60.

MAY DAY (LABOR HOLIDAY)—BIBLIOGRAPHY see Bibliography—May Day (Labor Holiday)

MAYA VALLEY—ALGAE, FOSSIL

Stromatolites from late Cambrian and Cambrian deposits on eastern slopes of the Aldan shield. S V. Nuzhnov. Dokl. AN SSSR 132 no. 6:1421-1424 Je '60.

MAYSKIY DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

When they put vim in their work K Gorislavskii Raspr. pech no. 3 7-8 Mr '60

MEADOW SAXIFRAGE

Libanotis transcaucasica Schischk. as a new source of geraniol, its variability and adaptation to cultivation A. N Lutkov. Trudy Bot. inst. Ser. 5 no 6 226-249 '60.

MEADOWS see Pastures and meadows

MEALY BUGS see subdivision under Leningrad Province

MEASLES

Measles. O. P. Snezhnitskaia. Med. sestra 19 no. 4:40-42 Ap '60.

MEASURING see Mensuration

MEASURING INSTRUMENTS

(see also subdivision under France)

For wide use of devices for the establishment of technical standards. V Loskutov, A. Fedorchenko. Sots. trud 5 no. 2:87-92 F '60.

Improved cylindrical torsiometer with a cut-in strip. I. M. Pavlov, I. K. Suvorov, IU. E. Fomenko. Izv. vys. ucheb. zav., chern. met. no. 5:72-75 '60.

Increasing the reliability of measuring instruments. N. Rafaevich. NTO 2 no. 3:18 Mr '60.

Provide industry with new devices for the establishment of technical standards. E Pogrebal'ko. Sots. trud 4 no. 12:89-92 D '59.

Shokhov, I. S. [Hardfacing of cutting and stamping tools and measuring instruments] Uprochnenie rezhushchikh, shtampovykh i izmeritel'nykh instrumentov. Moskva, Vses uchebno-pedagog izd-vo Trudrezervizdat, 1959 94 p (Novaia tekhnika i peredovye metod, truda)

Tips for devices used for internal measurements I S. Vasilenko. Izm tekh. no 2.7 F '60.

MEASURING INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Measuring instruments

MEASURING INSTRUMENTS—COSTS

Material compensation in reducing the cost of production. V Krokhlushkin, S Karshenbaum Sots trud 5 no. 3. 101-108 Mr '60

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR

Ervais, A. V. [Adjustment and repair of measuring instruments] IUstiroyka i remont izmeritel'nykh mashin Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960 106 p.

A manual on repair and adjustment of measuring instruments is needed. A. N. Andrianov. Izm. tekh. no. 3. 55-56 Mr '60.

Problems of repairing measuring equipment have been set aside. V. N. Shchukin Izm. tekh. no. 3·56 Mr '60

MEASURING INSTRUMENTS—STANDARDS

Devices for checking dimensions of parts machined on flat-surface grinding machines. V. A. Sotol'ev Standartizatsiia 21 no. 3 48-49 Mr '60

New standards for measures and measuring instruments approved by the Committee (registered in January 1960) Izm tekh no 3 64 Mr '60.

MEASURING INSTRUMENTS—TESTING

New instructions on checking measures and measuring instruments (registered in November-December 1959 and January 1960). Izm tekh no 2 64 F '60.

MEASURING WORM

Using measuring worms in over-all inspection of spur gears with single-profile toothing M. N. Bokin. Izm. tekh. no. 3 1-2 Mr '60.

MEAT

Changes in the chemical composition of subproducts during cooking. N. N. Luchkina Sbor. nauch. rab. INKH no. 16,225-230 '59

Criterion equations of the flow of viscoplastic meat products in transportation tubes N E Fedorov and others Izv vys ucheb zav ,pishch tekh no 1 117-121 '60.

New technical conditions for raw meat products Obshchestv. pit. no. 3 59-63 Mr '60.

MEAT—DRYING see subdivision under Rostov

MEAT—STORAGE

Storing chilled meat in a carbon dioxide medium. M. A. Gabriel'iants Sbor. nauch. rab. INKH no 16,161-167 '59

MEAT INDUSTRY see subdivision under Kazakhstan, United States

MEAT INDUSTRY—COSTS

Costs and wholesale prices in the meat industry. S. I. Lushin. Nauch. trudy MGEI no. 17·183-197 '59.

MECHANICAL DRAWING

Drawings by students taking the course in the principles of machinery and the elements of production. L. M Eidel's. Shkola i proizv. 4 no 3 48-54 Mr '60.

General-purpose drawing set. E. L. Freikman Shkola i proizv 4 no. 3·54-58 Mr '60.

MECHANICAL DRAWING—STANDARDS

Presentation of tabular drawings. A. IA. Raikhman. Standartizatsiia 24 no. 3;37-38 Mr '60.

MECHANICAL DRAWING—STUDY AND TEACHING

Experience in teaching mechanical drawing in the Kungur technical school for the petroleum industry. G. V. Semovskikh Sred. spets. obr 7 no 1·27-31 Ja '60.

MECHANICAL ENGINEERING

(see also subdivision under Czechoslovakia; Izhevsk; Poland)

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche. [Design of parts and mechanisms for precision instruments, collected articles] Raschety detalei i mekhanizmov tochnykh priborov, sbornik statei. Pod red. T. A. Gevondiana. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1960. 260 p.

Structural system of technological processes D V. Charnko Stan i instr 31 no 4 3-11 Ap '60

Technical and economical bases for efficient use of machines. V. N. Treier. Mash. Bel. no. 6.152-159 '59.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

Studying the fundamentals of sciences in conjunction with new machinery G. M. Itskovich. Sred. spets. obr 7 no. 1 36-38 Ja '60.

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

Analytic investigation of the motion of an arbitrarily selected point on the connecting rod of a crank mechanism. S. B. Minut Izv. vys. ucheb. zav., mashinostr no 7·9-30 '59

Efficient design of planetary mechanisms L N Reshetov Vest mash 40 no 4 3-6 Ap '60

Graphic cynthesis of a mechanism based on a given three-dimensional trajectory. P. B. TSviiak. Dokl. LPI 3 no 1/2·31-37 '59

Using descriptive geometry methods in plotting an acceleration scheme for crankgears. P. B. TSviiak. Dokl. LPI 3 no. 1/2·25-30 '59.

MECHANICAL WEAR

Abrasive wear caused by rolling friction. G. V. Vinogradov, V. A. Vishniakov. Izv. AN SSSR. Otd tekh. nauk. Mekh. i mashinostr. no. 3 89-98 My-Je '60.

Changes in surface layers of steel caused by abrasive wear. G. M Zamoruev, A. G Shchulepnikova Izv. vys. ucheb. zav ; mashinostr no. 7·45-50 '59.

Classification characteristics of the kinds of wear of coal-machine parts M. M Tenenbaum, V. M. Guterman. Trudy Sem. po kach. poverkh. no 4·274-277 '59.

Distribution of wear resistance in parts of agricultural tractors A S Gal'perin Vest mash 40 no 4 7-11 Ap '60

Experiments for determining the wear process. E. G. Getsevich. Sbor nauch trud. Bel. politekh. inst. no. 75· 55-60 '59.

Wear resistance of cemented steel and its submicrostructure I. M. Liubarskii, A. P. Liubchenko, G N. Bakakin. Fiz. met. i metalloved. 8 no. 6 872-877 D '59.

MECHANICAL WEAR—TESTING

Effect of the direction of machining marks on the wear of flat friction pairs. P. V. Dolgolenko. Trudy Sem. po kach. poverkh. no 4:49-54 '59

MECHANICS

IA. P. Kozel'skii's works on mechanics. N. N. Krulikovskii. Trudy TGU 144:66-71 '59.

Speical case of motion of a body of variable mass. IU. S. Zav'ialov, G. I. Kopylov. Trudy TGU 144:94-96 '59.

MECHANICS—ABSTRACTS

[Mechanics; abstracts.] Referativnyi zhurnal' Mekhanika nos 7,12 Jl, D '57; nos. 9-11 S-N '58

[Mechanics; abstracts nos. 6791-8330.] Referativnyi zhurnal' Mekhanika no 6 Je '60.

[Mechanics; abstracts nos. 8331-9730.] Referativnyi zhurnal' Mekhanika no. 7 Jl '60.

MECHANICS—CONGRESSES

Conference on mechanics, interview with Academician L. I Sedov Nauka i zhizn' 27 no. 3,25 Mr '60

MECHANICS—PERIODICALS

New periodicals on mechanics. O. A Horoshko Prykl mekh 6 no 1 115 '60

MECHANICS—STUDY AND TEACHING

Visual aids in teaching theoretical mechanics. L. I. Gridulianova. Sred. spets. obr. 7 no. 1·17-23 Ja '60.

MECHANICS, CELESTIAL

Basic perturbances of an artificial satellite caused by the asymmetry of the northern and southern hemispheres of the earth [with summary in French]. I. D. Zhongolovich. Biul. sta. opt. nabl. isk. sput. Zem. no. 2·25-30 '60.

Rapid "refinement of the roots of secular equations" by Maiants' method B. L. Livshits Dokl. AN SSSR 132 no. 6 1295-1298 Je '60.

Using electronic computers in plotting analytic theories of the motion of stars [with summary in German] N G Polozova Biul Inst. teor astron. 7 no 8 599-638 '60

MEDIASTINUM—DISEASES

"Abscesses and phlegmons of the mediastinum (mediastinitis)" by A. IA. Ivanov. Reviewed by G. E. Ostroverkhov. Khirurgiia 35 no. 12·111-112 D '59.

MEDIASTINUM—RADIOGRAPHY

Tomography in some diseases of the lymph nodes of the mediastinum [in Azerbaijani with Russian summary]. I I. Shakov. Azerb. med. zhur. no 3:10-15 Mr '60.

MEDIASTINUM—TUMORS

"Diagnosis of tumors and cysts of the mediastinum" by B. IA. Luk'ianchenko. Reviewed by Sh. M. Mirganiev. Vest rent i rad. 35 no. 1:75-76 Ja-F '60.

MEDICAL CARE see subdivision under Ukraine

All-Union Conference on Problems of Outpatient and Polyclinic Care. I. Manafov. Azerb. med. zhur. no. 3·95-100 Mr '60

MEDICAL CARE, COST OF see subdivision under United States

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

(see also subdivision under Czechoslovakia)

Apparatus for cholangiometry. V. S. Kosulin, T. V. Kalinina, G. V. Astaf'ev. Med. prom. 14 no. 4 52-53 Ap '60.

Appliance for double contrast in the examination of the Stomach I. A. Saupitei. Vest. rent. i rad. 35 no. 1·55 Ja-F '60.

Basic regularities in the construction of indicators of volumetric blood flow velocity A. D. Khazan Med prom 14 no 3:16-28 Mr '60.

Factory competition of the Scientific and Technical Society of the Machinery Industry. G. S. Krilin, K. V. Chemena. Med. prom. 14 no. 4 64 Ap '60.

"Medicinal commodity administration" by P. E. Krendal', IU. F. Kabatov. Reviewed by S L. Voskoboinik. Apt. delo 9 no. 1 92 Ja-F '60.

Method for the investigation of skin sensitivity. I. I Shogam. Vrach. delo no. 3 315 Mr '60.

New medical products at the exhibit of the All-Union Scientific Research Institute for Medical Instruments and Apparatus B. V. Boldyrev. Med. prom. 14 no. 6·03 3 of cover Je '60.

New technology in the manufacture of tubular form components by means of high-frequency heating. L. N. Bashnin and others Med. prom 14 no 3·50-52 Mr '60

Percussoscope. V. G. Tiagnibidin. Nauka i zhizn' 27 no. 2;77-78 F '60.

Simple apparatus for recording pulse waves. S. I. [illegible] Vrach. delo no. 3,309 Mr '60.

Specialization in the All-Union Scientific Research Institute of Medical Instruments and Equipment. I. P. Smirnov. Med. prom. 14 no. 4 3-6 Ap '60.

"Technology of the production of medical instruments and of parts for apparatus" by E. S. Eidus. Reviewed by N. A. Politov. Med. prom. 14 no. 6:61-62 Je '60.

We suggest. P. A. Kobzarev. Nauka i zhizn' 27 no. 2: 78 F '60.

MEDICAL INSTRUMENTS AND APPARATUS—TECHNOLOGICAL INNOVATIONS

Taking care of the health of Soviet people. A. Lebedev. NTO 2 no. 4·46-47 Ap '60.

MEDICAL JURISPRUDENCE

(see also subdivision under France, Moscow)

"Collection of research works of the S. M. Kirov Institute for Higher Medical Education." Edited by A. D. Adelanov. Reviewed by L. M. Eidlin. Sud. -med. ekspert. 2 no 2:61-64 Ap-Je '59.

Conference of chief medico-legal experts. Sud. -med. ekspert. 2 no. 2;60-61 Ap-Je '59.

Our tasks. Sud. -med. ekspert. 2 no. 2;3-6 Ap-Je '59.

MEDICAL JURISPRUDENCE—CONGRESSES

All-Union Conference of Medicolegal Experts. S. Prilutskii Zdrav. Belor. 3 no. 10·79 O '57.

MEDICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Determination of the degree of retraction of the fibrin blood clot by means of a new microretraction meter. N. D. Ul'ianova. Lab. delo 6 no. 2 38-41 Mr-Ap '60.

MEDICAL PERSONNEL

Legal advice. A. V. Roll. Vrach. delo no. 2:223-224 F '60.

Legal advice. I. I. Bryksin. Zdravookhranenie 2 no. 6: 55-56 N-D '59

Legal consultation. A. V. Roll. Vrach. delo no. 1:111-112 '60

Legal consultation. A. V. Roll. Vrach. delo no. 3·335-336 Mr '60.

Legal consultation A. V Roll. Vrach. delo no 4 447-448 Ap '60.

Two-stage care of infirmary patients (method for calculating the staff). I. A. Gorokhover. Kaz. med. zhur. 41 no. 1;113-116 Ja-F '60.

MEDICAL PERSONNEL—DISEASES AND HYGIENE see subdivision under Bulgaria; Czechoslovakia

MEDICAL PERSONNEL—PENSIONS

Order of the fixing of pensions for meritorious service for medical and pharmaceutical personnel employed in medical establishments and drugstores. S. Gitkin Zdrav Belor 6 no. 2 79 F '60.

MEDICAL PHOTOGRAPHY see Photography, Medical

MEDICAL RECORDS

Registration of mistakes in medical diagnosis and disability evaluation at medical and prophylactic establishments. N. I. Gavrilov. Vrach. delo no. 2;181-183 F '60.

MEDICAL RESEARCH
(see also subdivision under Kharkov, Minsk)

To keep a man healthy! M. Anan'ev. Ogonek 38 no. 10·16 Mr '60.

Overhaul of the human body. Izobr. i rats. no. 3·38-41 Mr '60

Some results of the investigations of the Academy of Medical Sciences of the U. S. S. R in 1958. M. A. Zhukovskii Vest AMN SSSR 14 no. 10 47-59 '59.

MEDICAL SOCIETIES see subdivision under Ukraine

MEDICAL STATISTICS see subdivision under Moldavia

MEDICAL SUPPLIES
Export of articles produced by the Soviet medical industry A Romanova, V Su in Vnesh. torg 30 no 6 33 '60

MEDICAL SUPPLIES—TRANSPORTATION
"Aerial delivery" N. Antrushin. Grazhd. av. 17 no. 2·29 F '60.

MEDICINE
(see also subdivision under China; Czechoslovakia, Moldavia; Ukraine; Uzbekistan)

Cooperation of medical workers Oleg. Pisarzhevskii. Kul't i zhizn' 4 no. 4:34-37 '60.

Striving for better health I. N. Maiskii Nauka i zhizn' 27 no 3 2-7 Mr '60

Tasks of the Academy of Medical Sciences of the U. S. S. R. in publishing medical classics. V. N. Ternovskii. Vest. AMN SSSR 15 no 1·68-70 '60

MEDICINE—ABSTRACTS
[Medical abstracts.] Meditsinskii referativnyi zhurnal sect. 2 vol. 4 no. 7 Jl '60, sect. 4 vol 4 no 7 Jl '60, sect. 5 vol 4 no. 7 Jl '60; sect. 6 vol 4 no. 7 Jl '60

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES
[Great Medical Encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev Moskva, Gos nauchn izd-vo "Sovetskaia entsiklopediia."

Vol 15. "Kurt-limfotsity." Izd. 2, 1960. 1216 columns.
—— [List of articles and terms under the letters "K" and "L"] Perechen' statei i terminov na budvy "K" i "L."
—— [Phonograph record for the article "Tongue-tie"] Grammofonnaia plastinka k stat'e "Kosnoiazychie."

On physical training and sports in the second edition of the "Great medical encyclopedia." IU. B. Bukin. Teor. i prak. fiz. kul'. 22 no. 12·948-950 '59

MEDICINE—FORMULAE, RECEPITS, PRESCRIPTIONS
Consultation. Apt. delo 9 no. 2 94-95 Mr-Ap '60.

Novik, I. O., and A. I. Marchenko. [Concise prescription manual for the stomatologist] Kratkii retsepturnyi spravochnik vracha-stomatologa. Kiev, Gos. izd-vo USSR, 1959. 87 p.
(DNLM)

MEDICINE—HANDBOOKS, MANUALS, ETC.
Egorov, P. I., ed. [Reference manual for practicing physicians] Spravochnik prakticheskogo vracha. Izd. 8., ispr. Moskva, Medgiz, 1959. 2 v.
(DNLM)

MEDICINE—PRACTICE
Praiseworthy initiative. II. L'vova. Belarus' 17 no. 2·7 F '60.

MEDICINE—PHILOSOPHY
More attention in studying the philosophical problems of medicine ("Some philosphical problems in theoretical medicine." Reviewed by M. M. Abrashnev and others). Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1:194-197 '60.

MEDICINE—STUDY AND TEACHING
Advanced training and improvement of the qualifications of semiprofessional medical personnel. V. M. Dokshitskaia-Zaton and others. Fel'd. i akush. 25 no. 3,45-47 Mr '60.

MEDICINE, CLINICAL
"Manual on the clinical investigation of the patient" by E. I. Zaitseva, P. N. Stepanov Reviewed by R I. Sharlai. Vrach. delo no. 1:101-103 '60.

MEDICINE, INDUSTRIAL
(see also subdivision under Stalinogorsk)

Considerations concerning a budget. V. Malykhin, G. Shapiro. Okhr. truda i sots. strakh. 3 no. 2:12-17 F '60.

New features in medical care. N. Evzerov. Okhr truda i sots. strakh. 3 no. 4:39-42 Ap '60.

MEDICINE, INTERNAL
Bal', P. I. [Hypnosis and suggestion in the clinical treatment of internal diseases] Gipnoz i vnushenie v klinike vnutrennikh boleznei. [Leningrad] Gos izd-vo med. lit-ry, 1958. 184 p. (Biblioteka prakticheskogo vracha
(DNLM)

Notes on medical thought and on the problem of technic in the field of internal medicine. A. M Sigal. Kaz. med. zhur. 41 no. 1,8-16 Ja-F '60

MEDICINE AND RELIGION
How superstitions harm health. V. A. Aristova. Nauka i rel. no. 3 69-70 N '59.

Liubushin, A. A. [Medicine and religion] Meditsina i religiia. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 23 p.

Superstition is the enemy of health. A. N. Bakulev Nauka i rel. no. 3 12-18 Mr '60.

MEDVEDEVA, NINA BORISOVNA, 1899-
Nina Borisovna Medvedeva; on her 60th birthday. Vrach. delo no. 1·95-96 '60.

MEDYNSKII, GRIGORII ALEKSANDROVICH, 1899-
If you stumbled.... ("Honor" by G. Medynskii. Reviewed by L. Fomenko). Ogonek 38 no. 10·29 Mr '60.

Reading a tale by Medynskii ("Honor" by G. Medynskii. Reviewed by S. Ezerskii) Nar. obr. no 6 102-104 Je '60

MEERSON, DARIIL'VOVICH, 1880-1959
In memory of D. L. Meerson. Probl. tub. 37 no. 8·107 '59

MELIOIDOSIS
Current status of the study of melioidosis and some research problems [with summary in English] M I Levi Zhur mikrobiol epid i immun 31 no 2 133-139 F '60

MELKIKH, SERGEI MIKHEEVICH, 1877-1952
S. M. Melkikh, the founder of the Departmental Therapeutic Clinic of the Minsk Medical Institute G R. Kriuchok, P I Shishko. Zdrav Belor 3 no 10 72-74 O '57

MELLIN, LUDWIG AUGUST, 1754-1835
L. A. Mellin and his "Atlas of Liefland." E F. Varep. Trudy Inst ist est i tekh 27 205-209 '59.

MEL'NIKOV, NIKOLAI VASIL'EVICH, 1909-—BIBLIOGRAPHY see Bibliography—Mel'nikov, Nikolai Vasil'evich, 1909-

MELONS
Amino acid composition of globulins in ripening watermelon seeds [with summary in English] N. A. Byvskikh Fiziol. rast. 7 no 3:335-339 '60.

MELTING POINTS
Activation energy of self diffusion and the melting points of metals. V. I. Meshkov. Izv. vys. ucheb. zav.; chern. met. no. 5 93-98 '60.

Fusibility curve for the system Ti - Cr - Mo N. V. Gum Grzhimailo, V. G Gromova. Trudy Inst met no. 5 144-150 '60

Investigating the melting point of thin condensation layers of Sn and Bi. L. S. Palatnik, IU. F. Komnik. Fiz. met. i metalloved. 9 no. 3:374-378 Mr '60.

MEMBRANES (CHEMISTRY)
Determining the resistance coefficient of diaphragms to the passage of gas. B. IA. Shamovskii. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:178-194 '59

MEMORY
Developing students' memory during the learning process. P. I. Zinchenko Rad. shk. 39 no. 3 20-26 Mr '60.

Memory and the structure of mental processes. A. R. Luriia. Vop. psikhol 6 no. 1:145-155 Ja-F '60

MENDELEEV, DMITRII IVANOVICH, 1834-1907
D. I. Mendeleev and agriculture. A. V. Mizerov. Soob Prim. otd. VKHO no. 3·27-40 '57.

D. I. Mendeleev's unknown works on the criminal expertise of documents. A. Dulov, L. Krylov. Sov. iust no. 2:70-72 F '60.

MENINGES—TUBERCULOSIS
Clinical aspects of late complications following tuberculous meningitis in adults. G R. Khersonskii. Vrach delo no. 3:267-271 Mr '60.

Course of the basic tuberculous process in tuberculous meningitis and the effect on the latter of antibacterial treatment. L. I. Glonti. Soob. AN Gruz SSR 23 no. 6· 745-752 D '59.

Diabetes insipidus in children following tuberculous meningitis [with summary in French]. A V. Aleksandrova, V. F Elufimova. Probl. tub 37 no 8 53-57 '59.

Method for the detection of Kernig's sign A. IA. Shtianevskii. Probl tub 37 no 8·93 '59

MEN'S CLOTHING
Fashions. Belarus' 17 no. 2·28 F '60

MENSURATION
Beskin, L. N. [Stereometry; a manual for teachers of secondary schools] Stereometriia; posobie dlia uchitelei srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va pros., 1960. 239 p.

Instruction No. 130-56 must be supplemented. S. I. Izotov. Izm. tekh. no. 2,61 F '60.

Shortcomings of a textbook ("Organizing and conducting laboratory work on the subject 'Tolerances, setting, and technical measurements'" by A D. Rubinov Reviewed by IA. B Maizlish, B I. Silant'ev) Sred. spets. obr. 7 no. 1 56-58 Ja '60

MENSURATION—STUDY AND TEACHING
Quality of training and precision of measurement. E. Snigirev, V. Berkov. Prof.-tekh. obr. 17 no 2 17-19 F '60.

MENTAL DEFICIENCY
Reactive conditions in oligophrenic patients O E Freierov Probl sud psikh 8 243-260 '59

Work capacity of mentally deficient persons and their attitude toward work as shown by data of occupational therapy. O Kh Suncheleev. Uch zap LGU no 287 112-122 '60

MENTAL DEPRESSION see Depression, Mental

MENTAL HYGIENE
Bernshtein, V. A [Hygiene of mental labor] Gigiena umstvennogo truda. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 9)

MENTAL ILLNESS
Aminazine therapy of some forms of reactive conditions. A. K. Dobrzhanskaia Probl. sud psikh. 8:374-387 '59.

Case of acute physhosis caused by Taeniarhynchus infestation. Sh G. IUlDashev, B M. Mukhtarov. Med. zhur. Uzb no. 10 84-85 O '58.

Catamnestic data on psychopaths recognized as irresponsible. V. L. Pivovarova. Probl. sud. psikh 8,402-417 '59.

Classification systems for mental diseases. A. Odarčenko. Zhur nevr i psikh. 60 no. 1·85-90 '60.

"Clinical aspects of psychic and neural diseases" [in German] by Kurt Kolle Reviewed by E. Shternberg. Zhur. nevr. i psikh. 60 no 1 120-121 '60.

Concept of chronic mental disease in legal psychiatric practice. D. R. Lunts. Probl. sud. psikh. 8:16-36 '59.

Incapacity of persons with reactive conditions. E. M. Kholodkovskaia. Probl. sud. psikh. 8:388-401 '59.

Interaction of analyzers (olfactory and optic) in some disorders of cerebral activity I M. Feigenberg. Probl. sud. psikh. 8:625-642 '59.

Method for the investigation of neurodynamics of the normal human subject and in disorders of the higher nervous activity. K S. Ratner. Probl. sud. psikh 8: 660-673 '59.

Nosological specificity of psychopathological syndromes [with summary in French]. Zhur. nevr. i psikh. 60 no. 1 91-108 '60.

Peculiarities in the clinical aspects of reactive conditions arising against a background of vascular disorders of the brain. N. N. Lebedeva. Probl. sud. psikh. 8 291-307 '59.

Psychopathies as a clinical problem [with summary in French]. V. IA. Gindikin, O. V. Kerbikov. Zhur. nevr. i psikh. 60 no. 1·61-76 '60.

Skin galvanic reflexes in patients with a paranoid syndrome. N. D. Lakosina. Probl. sud. psikh. 8:517-527 '59.

Some new data in the teaching on pseudodementia. M. G. Guliamov. Probl. sud. psikh. 8:144-166 '59.

Study of neurodynamics in reactive conditions. N. I. Felinskaia. Probl. sud. psikh. 8:57-85 '59.

Treatment of reactive conditions by prolonged medication sleep. N. N. Lebedeva. Probl. sud. psikh. 8:339-344 '59.

Treatment of reactive conditions with a combination of solutions of barbamyl and caffeine. E. B. Miakina. Probl. sud. psikh 8:363-373 '59.

Treatment of reactive conditions with electronarcosis. A. K. Dobrzhanskaia. Probl. sud. psikh. 8:345-362 '59.

MENTAL ILLNESS—DIAGNOSIS
Delimitation of the paranoid syndrome in schizophrenia, of the pathological development of the personality, and of some forms of reactive conditions. IU. L. Sologub. Probl. sud. psikh. 8:500-516 '59.

MENTALLY HANDICAPPED CHILDREN
Pevzner, M. S. [Oligophrenic children; a study of mentally handicapped children in the process of their education and training] Deti-oligofreny; izuchenie detei-oligofrenov v protsesse ikh vospitaniia i obucheniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 484 p.
(CU)

MENTALLY ILL
So-called archicapillaries in psychotics. L. A. Bulakhova. Vrach. delo no. 2:143-147 F '60.

1865

Berlin. National-Galerie. [Exhibition of A. Menzel's drawings from the collections of the National Gallery in Berlin] Vystavka risunkov A. Mentselia iz sobraniia Natsional'noi galerei v Berline. Katalog. Moskva, "Iskusstvo," 1957. 67 p.
(NjP)

MERCANTILE BUILDINGS

Take the floor, industrial workers, discussing a standard design for a service industry center with a 1,200 thousand ruble capacity. Prom.koop. 13 no.1:22-23 Ap '60.

MERCAPTO GROUP

Influence of low temperature and of the concentration of the reagent in the determination of sulfhydryl groups by sodium nitroprusside. I. N. Mironchik. Zdrav. Beloruss. 6 no.2:34-40 F '60.

Reversible changes in the sulfhydryl groups of cysteine due to the effect of radiation energy [with summary in English]. M. A. Kolomiichenko, I. P. Shevchenko. Ukr. biokhim. zhur. 32 no.1:[illegible]-135 '60.

MERCHANT MARINE

Far from native shores. M. Kolobov. Agitator no.12:55-56 Je '60.

New wages for the merchant marine. I. Lavrentev. Sots. trud 5 no.1:40-47 Mr '60.

We are waiting for you, comrades! G. Nakaev. Sov. prof. 16 no.12:6-7 Je '60.

MERCURIMETRY

New mixed indicator for mercurimetry. B. D. Glukhovskaia, N. A. Tsvetkova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:49-51 '60.

MERCUROPHYLLINE

Use of novurit in circulatory insufficiency. N. P. Petrov. Vrach. delo no.1:67 '60.

MERCURY

Effect of radiation on mercury admixtures on the rate of thermal decomposition of silver oxalate. V. V. Boldyrev, V. I. Eroshkin, Iu. A. Zakharov. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:11-15 '60.

MERCURY—PHYSIOLOGICAL EFFECT

Reaction of lung tissue following experimental introduction of a drug containing mercury and tungsten. V. A. Akhmerova. Med. zhur. Uzb. no.6:54-56 Je '59.

MERCURY COMPOUNDS

Synthesis of organomercury nitro compounds. Report No. 3: Reactions of the mercuric salt of trinitromethane with nitro derivatives of aromatic compounds. S. S. Novikov, I. I. Godovikova, V. A. Tartakovskii. Izv. AN SSSR. Otd. khim. nauk no.[illegible] Mr '60.

MERCURY NITRATE

Mercurometric determination of table salt in food products. A. M. Sushko, Z. A. Emel'ianenko. Sbor. Prim. otd. VKhO no.3:73-77 '57.

MERCURY ORGANIC COMPOUNDS—TOXICOLOGY

Poisoning from granosan. R. V. Gorodishskaia-Kuznetsova. Fel'd. i akush. 25 no.3:41-44 Mr '60.

MERKULOV, IVAN IOSIFOVICH, 1897-

Creative career of Ivan Iosifovich Merkulov, on his 60th birthday. Oft. zhur. 12 no.5:[illegible] '57.

MESENTERY—DISEASES

Huge cyst of the mesentery of the small intestine. A. A. Khartonik. Zdrav. Belor. 6 no.2:60 F '60.

MESHCHERA—SOIL PERCOLATION

Permeability of sands to water in the Meshchera Lowland and some methodological problems in determining the seepage coefficient under field conditions with reference to the design of drainage structures. P. I. Fadeev. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.4:161-170 '59.

MESHCHERA—SOILS

Use of aerial photographic materials in fractional division of soils in the Meshchera Lowland. I. V. Afanas'eva. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.2:61-[illegible] '60.

MESHCHERA—SPRING

June in the Meshchera. M. V. Fradkin. Priroda no.6:[illegible] Je '60.

MESOBILIRUBINOGEN

New modification of a method for the quantitative determination of the urobilinogen in the urine. O. P. Tarasov. Lab. delo 6 no.2:23-26 Mr-Ap '60.

MESONS

Creation of a Σ^- hyperon by negative π-mesons with an impulse of 8.3 Bev/c. M. I. Solov'ev. Atom. energ. 8 no.6:562-563 Je '60.

Transition effect of μ-mesons. T. V. Varsimashvili, O. A. Shakhulashvili. Soob. AN Gruz. SSR 21 no.5:527-531 N '58.

Changes in some biochemical indexes following action on the body of alternating high and low air temperature. G. Kh. Shakhbazian, I. M. Shleifman. Vrach. delo no.4:399-401 Ap '60.

Effect of intercellular energy exchange on metabolism in a yeast culture. I. I. Luk'ia. Dokl. AN BSSR 4 no.2:[illegible] '60.

Studying regularities of metabolism in microorganisms during the dynamic process of their development. N. Ierusalimskii. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no.3:9-20 '59.

METAL CLADDING

Microstructure and strength of weld joints in pressure welding of multilayer steels. I. I. Antsev. Svar. proizv. no.2:11-[illegible] '60.

New composition of a welding chromium nickel alloy for austenitic wires. Z. I. Kop'eva, V. A. Pogodin, [illegible] Ardentov, N. P. Komarova. Svar. proizv. [illegible] '60.

METAL CRYSTALS

Destruction of martensitic crystals in [illegible] effect of external tensile and compressive stresses. Metalloved. i obr. met. [illegible] '60.

"Inherent roughness" in polycrystals. Ia. I. Frenkel', N. N. Ovcharenko. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.3:48-53 My-Je '60.

Investigating the melting point of thin crystalline layers of Sn and Bi. I. D. Palatnik, Iu. F. Komnik. Fiz. met. i metalloved. 9 no.3:374-[illegible] Mr '60.

Temperature magnetization hysteresis in cobalt ferrite crystals. I. V. Miroshnikov. Fiz. met. i metalloved. 9 no.3:[illegible] Mr '60.

METAL CRYSTALS—CORROSION

[illegible] [Intergranular corrosion [illegible]] Mezhkristallitnaia korroziia [illegible] Moskva, Gos. nauchno-tekhn. izd-vo [illegible] 1960. 158 p.

METAL CRYSTALS—MAGNETIC PROPERTIES

Temperature dependence of [illegible] the low temperature [illegible] manganese ferrite. K. P. Belov, [illegible] Fiz. met. i metalloved. 9 no.3:[illegible] Mr '60.

METAL CUTTING

(See also Milling machinery; Shapers; etc.)

Calculating cutting force and power in [illegible] duty machine tools. I. M. [illegible] Vest. mash. 40 no.1:66-68 Ja '60.

Cutting force and speed in [illegible] N. P. Golubev. Stan. i instr. 31 no.[illegible] Mr '60.

Determining the contact stresses [illegible] of cutting tools, and the pressure [illegible] M. I. Klushin. Stan. i instr. 31 no.3:[illegible] Mr '60.

Effect of residual stresses [illegible] steel [illegible] Ap '60.

Effect of the quality of [illegible] strength. [illegible]

Even milling with form cutters. [illegible] 40 no.4:64 Ap '60.

Fineness of [illegible] A. I. [illegible]

Flame processing of metals. A. G. Fortalin. [illegible] no.6:28 Je '60.

Formation of a surface layer [illegible]

Machining parts with [illegible] Stan. i instr. 31 no.[illegible]:40 Mr '60.

Machining shaped surfaces with [illegible] Mashinostroitel' no.3:[illegible]

Metal cutting at the [illegible] [illegible] '60.

Milling deep and narrow grooves. M. G. Mishin. Stan. i instr. 31 no.3:12-16 Mr '60.

New method for measuring cutting forces [illegible] having reciprocating [illegible] Ap '60.

Procedure of cutting metal with [illegible] Metallurg 5 no.[illegible]

Use of high-speed micro [illegible] tion of metal cutting [illegible]

Using the cutting process for increasing fatigue strength of machine parts. [illegible] no.4:[illegible] '60.

METAL CUTTING—HYGIENIC ASPECTS

Protection against heat radiation. [illegible] Gig. truda i prof. zabol. 4 no.4:[illegible] Ap '60.

[illegible] RENOVATIONS

[illegible] Ap '60.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL CUTTING TOOLS

[illegible] metal cutting [illegible] and [illegible]

[illegible]

METAL [illegible]

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METAL [illegible]

[illegible]

METAL [illegible]

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METAL [illegible]

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METALLIC FILMS

[illegible]

Effect of [illegible] beryllium and [illegible]

[illegible]

METALLIC FILMS—MAGNETIC PROPERTIES

[illegible]

METALLIC OXIDES

Investigating [illegible]

METALLOGRAPHY

Attachment for examining fractures under the microscope. V. S. Kovalenko. Zav. lab. 26 no. 3 369 '60.

Cameras and devices for studying the texture of coarse-grained test samples. M. M. Borodkina. Zav. lab. 26 no. 4·491-494 '60.

Dependence of metal microstructure on the reversal of stress during plastic deformation I. M. Pavlov, V IA Mezis Trudy Inst met. no 5 127-132 '60.

"Inherent roughness" in polycrystals. IA. E. Geguzin, N. N. Ovcharenko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:48-52 My-Je '60.

Measuring the surface of structural constituents by the intersecting cycloid method. A. G. Spektor. Zav. lab. 26 no. 3 303-305 '60.

Methods of determining stresses of the second order and dimensions of mosaic structure blocks. IA. M. Golovchiner. Zav. lab. 26 no. 4;431-444 '60.

Modern metallographic microscope. A. S. Egudkin. Zav. lab. 26 no. 3;383-386 '60.

Review of "Seizure of metals" by A. P. Semenov V. A. Kislik Vest. mash 40 no 4 85-86 Ap '60

Soveshchanie po teorii liteinykh protsessov, 4th. [Crystallization of metals; transactions of the fourth Conference on the Theory of Founding Processes] Kristallizatsiia metallov; trudy Chetvertogo soveshchaniia. ... Moskva, Izd-vo Akad. nauk SSSR, 1960. 325 p.

METALLURGICAL FURNACES

Connection between the coefficients of radiating heat loss and radiating heat exchange and nomograms for their determination. N. S. Vavilov Trudy Inst. met. no. 5 50-60 '60.

Heat exchange in shaft furnaces. S. V. Shavrin, A. V. Chentsov. Izv. vys. ucheb. zav., chern. met. no. 5 172-176 '60.

METALLURGICAL FURNACES—COMBUSTION

Importance of the combustion probability of atomized fuel droplets in a turbulent flow. V. IA. Basevich, S. M. Kogarko. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3: 121-126 My-Je '60.

METALLURGICAL FURNACES—MODELS

Distribution of electric current in the three dimensional model of a furnace metal bath. A. I. Leushin. Izv. vys. ucheb. zav., energ. 3 no. 5;70-79 My '60.

METALLURGICAL LABORATORIES see subdivision under Rostov-on-Don

METALLURGICAL PLANTS

(see also subdivision under Canada; Makeyevka)

Standardization of electric power allocations in a metallurgical combine. S. A. Sheidin. Prom. energ. 15 no. 4:12-15 Ap '60.

METALLURGICAL PLANTS—ELECTRIC EQUIPMENT

Moscow. TSentral'nyi institut informatsii chernoi metallurgii [Ferrous metallurgy of capitalist countries] Chernaia metallurgiia kapitalisticheskikh stran. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.

Pt 9. B. A. Levitanskii. [Electric driving and automatic control] Elektroprivod i avtomatika. 1960. 451 p.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Pogodin-Alekseev, G. I., ed. [Achievements in science and technology and the progressive practices of industry and construction] Dostizheniia nauki i tekhniki i peredovoi opyt v promyshlennosti i stroitel'stve. Moskva, Izd-vo VPSh i AON pri TsK KPSS.

No. 2. [Ferrous and nonferrous metallurgy] Chernaia i tsvetnaia metallurgiia. 1958. 157 p.

METALLURGICAL PLANTS—FINANCE see subdivision under Sverdlovsk

METALLURGICAL PLANTS—MAINTENANCE AND REPAIR

Overhaul of equipment and buildings of metallurgical plants. IA. Volkov. Sots. trud 5 no. 1:130-132 Ja '60.

METALLURGICAL PLANTS—PRODUCTION STANDARDS

On establishing a norm plan. F. Borodin and others. Sots. trud 5 no. 3;90-95 Mr '60.

METALLURGY

New channel for the river of fire. V. D. Chekhranov. Znan. ta pratsia no. 3;6-8 Mr '60.

METALLURGY—ABSTRACTS

[Metallurgy; abstracts.] Referativnyi zhurnal: Metallurgiia no. 6 Je '58; no. 3 Mr '59.

[Metallurgy; abstracts nos. 11757-14204.] Referativnyi zhurnal: Metallurgiia no. 6 Je '60.

METALLURGY—HYGIENIC ASPECTS see subdivision under Alma-Ata

METALLURGY—STUDY AND TEACHING

Materials on the seven-year plan in classes on the technology of metals. P. Bystrov. Prof.-tekh. obr. 17 no. 3:11-13 Mr '60.

METALS

Adhesion of polytrifluoroethylene coatings to metals. T. N. Nikolaeva, N. S. Kudriavtseva. Khim. prom. no. 8;668-672 D '59.

Be economical! A. Dorokhov. IUn. tekh. 4 no. 3;2-4 Mr '60.

Constancy of the activity product of simple (hydrated) metal ions and hydroxyl ions in the heterogeneous system $M^{n+}-M(OH)_{n+m}^{m-}-M(OH)_n-H_2O$ N V Aksel'rud Dokl AN SSSR 132 no 5 1067-1070 Je '60

Continuous metal - water vapor method of producing hydrogen. V. V. Lebedev. Trudy IGI 11 215-225 '59.

Controlling the functioning of condensation units in the chlorination process. A. S. Berengard, V. A. Kozheniakin Zav. lab 26 no. 3·316-317 '60.

Gul'kov, M. M. [Metals and materials; reference tables] Metally i materialy; spravochnye tablitsy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 241 p. (Biblioteka konstruktora)

Metal bonding G Shvarts Svar proizv no 2 39-42 F '60

Metals of our age. G. Morov. Sov. voin. 42 no. 11·28-30 Je '60.

Ternary metallic compounds. B. K. Vul'f. Usp. khim. 29 no. 6:774-795 Je '60.

METALS—ANALYSIS

Analytical characteristics of the EDE-10p anionite. V. G. Sochevanov and others. Zav. lab. 26 no. 4:422-425 '60.

Brief reports. Zav. lab. 26 no. 4·430 '60.

Conference on the analysis of rare and semiconductor elements. Zav. lab. 26 no. 4·514-515 '60.

Consecutive radiometric titration of some elements by the sodium salt of 1-dithiocarboxy-3-methyl-5-phenylpyrazoline containing sulfur-35 A. I. Busev, V. M. Byr'ko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1;52-55 '60.

Method for the determination of admixtures of lead (2), copper (2), and iron (3) in pharmaceutical preparations [with summary in English]. O. I. Khokhlova. Apt. delo 9 no. 1.28-34 Ja-F '60.

METALS—COLD WORKING

Relation of metal hardness during cold working to the reversal of the deformation stress I. M Pavlov, V. IA. Mezis. Trudy Inst met. no. 5 100-112 '60.

METALS—DEFECTS

Soveshchanie po teorii liteinykh protsessov, 3d. [Shrinkage processes in metals; transactions of the Third Conference on the Theory of Founding Processes] Usadochnye protsessy v metallakh; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 281 p.

METALS—ELECTRIC PROPERTIES

Changes in the electric resistance of metals during electrolytic saturation with hydrogen. V V. Kuznetsov, V. A. Frolov. Zhur. prikl khim 33 no 3 628-632 Mr '60.

METALS—FATIGUE

Development of the fatigue breakdown and its relation to the intensity of vibrations. M. A. Puzanov. Prykl. mekh. 6 no. 1;95-100 '60.

Effect of the quality of a surface layer on the fatigue strength. D. D. Papshev. Trudy Sem. po kach. poverkh. no. 4·85-92 '59.

Physical principles of the fatigue of metals. N. S. Akulov, V. A. Franiuk. Dokl. AN BSSR 4 no. 2:62-65 F '60.

Using the cutting process for increasing fatigue strength of machine parts. I. S. Shteinberg. Trudy Sem. po kach. poverkh. no. 4:55-78 '59.

METALS—FINISHING

Depositing plastic coatings on metal articles by immersion in a fluidized powder. IU. A. Avgustov. Khim. mash. no. 2;44-45 Mr-Ap '60.

Problems of surface quality in machinery manufacture. P. E. D'iachenko. Vest AN SSSR 30 no. 6 141-143 Je '60.

Tests of pigmented lacquer films for resistance to impact. L. S. Bobkov. Zav. lab. 26 no. 4;489-490 '60.

METALS—HARDENING

Dependence of metal microstructure on the reversal of stress during plastic deformation. I. M. Pavlov, V. IA Mezis. Trudy Inst. met no. 5·127-132 '60

METALS—HEAT TREATMENT

Vsesoiuznyi nauchno-issledovatel'skii instrumental'nyi institut. [Technological operations in the manufacture of metal-cutting tools; instructions] Tekhnologiia izgotovleniia metallorezhushchikh instrumentov; rukovodiashchie materialy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

No. 7. [Heat treament] Termicheskaia obrabotka. 1960. 127 p.

METALS—HYDROGEN CONTENT

Changes in the electric resistance of metals during electrolytic saturation with hydrogen. V V. Kuznetsov, V A. Frolov Zhur. prikl khim 33 no. 3 628-632 Mr '60.

Hydrogen removal in argon blowing of the metal, depending on the method of blowing. N. M. Chuiko, A. G. Rabinovich. Izv. vys. ucheb. zav.; chern. met. no. 5;49-54 '60.

Methods of determining the amount of hydrogen evolved from alloys at room temperature IU. A. Nekhendzi, V. P. Kalenov Zav. lab. 26 no. 3·314-316 '60

METALS—SPECTRA

A. c. arc as a source of light for the spectrum analysis of smelted metals. L. E. Vvedenskii, V. I. Shekhobalova. Trudy MATI no. 41 68-75 '59.

Condensed spark as a source of light for the spectrum analysis of smelted metals. L. E. Vvedenskii, V. I. Shekhobalova. Trudy MATI no. 41:76-85 '59.

METALS—TESTING

Akademiia nauk USSR, Kiev. Instytut metallofizyky. [Use of ultrasonic waves for the investigation of properties, quality control and the working of metals and alloys] Primenenie ul'trazvukovykh kolebanii dlia issledovaniia svoistv, kontrolia kachestva i obrabotki metallov i splavov. Kiev, 1960. 106 p.

Brief reports. Zav. lab. 26 no. 4;490 '60.

Dependence of the strength limit, the yield limit and the elongation per unit length on stress reversal during plastic metal deformation I M Pavlov, V. IA Mezis. Trudy Inst. met. no. 5,113-126 '60.

Determining the tear resistance of plastic metals by a comparison method. S. A. Dovnar. Dokl. AN BSSR 4 no. 3 122-125 Mr '60.

Effect of the elastic recovery of impressions on the loading dependence of microhardness. IU. S. Boiarskaia, IU. P. Keloglu, IU. O. Lapsker. Zav. lab. 26 no. 4:477-480 '60.

Effect of the forced slip of the faces on the plastic compression of metals M P. Zagrebennikova Izv. vys. ucheb zav., fiz no 6 171-172 '59.

Final deformations in plain shearing. V. G. Osipov. Trudy Inst. met no. 5 133-138 '60.

Influence of the scale effect on the deformation of metals. I. A. Razov, E. M. Shevandin, A. V. Efimov Fiz. met. i metalloved. 8 no. 6;928-933 D '59.

Instrument for determining the surface tension of metals. A. P. Rudoi, K. I. Vashchenko. Zav. lab 26 no. 3 349-350 '60.

Instrument for determining the surface tension of slag in a steel furnace. L. I. Rostovtsev. Zav. lab. 26 no. 3· 351-353 '60.

New dynamic hardness number. M. S. Drozd. Zav. lab. 26 no. 4:472-477 '60.

Using characteristics established in testing the hardness of materials in calculating strains of deformations S. A. Dovnar, I K. Khristuk Sbor nauch trud. Bel. politekh inst no 76;75-85 '59.

METALS—THERMAL PROPERTIES

Effect of the structure of cast iron on its heat conductivity. K. L. Sheptunov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:53-56 My-Je '60.

METALS, EFFECT OF TEMPERATURE ON

Effect of prestressing at 300° K on the mechanical properties of commercial-grade iron at 77° K. I. A. Gindin. Fiz. met. i metalloved. 9 no. 3;447-455 Mr '60.

Effect of testing temperatures on the dynamic hardness and elasticity of metals. S. A. Dovnar, F. V. Nichiporovich. Sbor. nauch. trud Bel. politekh inst. no. 76;67-73 '59.

Set-up for the study of the rates of high temperature heterogeneous processes. R. A. Sandler, L. F. Krasovskii. Zav. lab. 26 no. 3·365-367 '60.

Superplasticity of eutectoid aluminum-zinc alloys. A. A. Presniakov, V. V. Cherviakova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3;92-98 My-Je '60.

METALS, RARE AND MINOR

(see also subdivision under Georgia)

Akademiia nauk SSSR. Institut metallurgii. [Rare metals and alloys, transactions of the First All-Union Conference on Rare Metal Alloys, November 18-20, 1957] Redkie metally i splavy; trudy Pervogo Vsesoiuznogo soveshchaniia po splavam redkikh metallov, 18-20 noiabria 1957 g. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 404 p.

Vsesoiuznoe soveshchanie po khimii, tekhnologii i analiticheskoi khimii redkikh shchelochnykh elementov. 1st, 1958, Novosibirsk. [Rare alkali elements, collected papers given at the Conference on the Chemistry, Technology, and Analytical Chemistry of Rare Alkali Elements, Jan. 27-31, 1960] Redkie shchelochnye elementy; sbornik dokladov soveshchaniia po khimii, tekhnologii i analiticheskoi khimii redkikh shchelochnykh elementov 27-31 ianvaria 1958 g. Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1960. 99 p.

METALS AT HIGH TEMPERATURES

Effect of overheating on the properties of steel. N. N. Lipchin, IU. A. Sobolev. Izv. vys. ucheb. zav.; chern. met. no. 5 135-141 '60.

Electric conductivity of iron at high temperatures. V. S. Gumeniuk, V. V. Lebedev. Fiz. met. i metalloved. 8 no. 6·847-850 D '59.

Interrelation of elements of the fine crystal structure and the plasticity of steel at high temperatures. TS. N. Rafalovich. Izv. vys. ucheb. zav.; chern. met. no. 5;81-84 '60.

Red hardness of the R18 highly alloyed high-speed steel treated by cooling below 0°. I. M. Mar'ianovskii, I. A. Revis. Trudy LTIKHP 13:150-157 '57.

METALS AT LOW TEMPERATURES

Characteristics of the K-state in alloys. I. L. Aptekar'. Sbor. trud. TSNIICHM no.22:177-182 '60.

Determining the elastic limit of metals at ultralow temperatures. N. M. Rudnev, A. P. Smirnov. Prib. i tekh. eksp. no.1:128-130 Ja-F '60.

Red hardness of the R18 highly alloyed high speed steel treated by cooling to low 0°. I. M. [illegible], L. A. [illegible]. Trudy [illegible] '57.

Studying the mechanical properties of solids, especially metals, at temperatures of 4.2°K and lower. Part 1. Mechanical properties of iron, titanium, tantalum, and [illegible] at temperatures of 4.2°K and [illegible]. O. V. Klyavin, A. V. Stepanov. Fiz. met. i metalloved. 8 no.[illegible] '59.

METALWORK

(see also subdivision under United States)

Investigating the process of flanging low carbon steels. M. A. Baranovskii, V. G. Ionov. Mash. Bel. no.6:[illegible] '60.

Medvedik, N. I. [Metalwork] Metallicheskie i slesarnye raboty. Izd. 4., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. [illegible] p.

Present state of the theory of shaping metals by pressure. M. V. Storozhev. Vest. mash. 40 no.5:48-51 My '60.

Zhuravlev, B. A., and S. N. Lisitsyn. [Sheet steel workers' handbook] Spravochnik zhestianshchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 326 p.

METALWORK – STUDY AND TEACHING

Studying metalworking in eight-year schools. D. G. [illegible]. [illegible] no.4:[illegible] My '60.

METALWORK – TECHNOLOGICAL INNOVATIONS

The process of reverse [illegible] plant of Vilnius [illegible]. B. IAchukhin. [illegible] 37 no.[illegible]:10 [illegible] '60.

METALWORK – TESTING

Akademiia nauk URSR, Kiev. Instytut metalofizyky. [Use of ultrasonic waves for the investigation of properties, quality control and the working of metals and alloys] Primenenie ul'trazvukovykh kolebanii dlia issledovaniia svoistv, kontrolia kachestva i obrabotki metallov i splavov. Kiev, 1960. 108 p.

METALWORKING LUBRICANTS

Cooling metal cutting tools with atomized liquids. I. B. Malev, B. N. [illegible]. Mashinostroitel' no.4:[illegible] Ap '60.

Selecting lubricants for reverse cold extrusion of steel. M. A. Baranovskii, V. N. Bulakh. Mash. Bel. no.6:[illegible] '59.

METAMORPHISM (GEOLOGY)

Example of non-correspondence between metamorphism and stratigraphy (Polar Urals). A. S. Perfil'ev, Iu. P. Moldavantsev. Dokl. AN SSSR 132 no.6:1395-1398 Je '60.

METAMORPHOSIS (INSECTS) see Insects – Development

METASOMATISM

Role of magnesium in the composition of metasomatic formations with borate mineralization [with summary in English]. A. P. Egorov. Geokhimiia no.2:161-170 '60.

METASTASIS

Metastatic spreading in the presence of the combined action of X rays and hypothermia [with summary in English]. Vrach. delo no.1:7-11 '60.

METEORITES

(see also subdivision under Azerbaijan; Podkamennaya; Tunguska Valley)

Achondrites; vector diagram of chemical compositions. L. G. Kvasha. Meteoritika no.17:21-40 '59.

"Brief meteoritics" by Fritz Heide. Reviewed by E. L. Krinov. Meteoritika no.17:140-142 '59.

Bright fireball of December 25, 1957. M. G. Karimov, V. S. Matiagin. Meteoritika no.17:9-22 '59.

Experimental investigation of the melting of solids in a supersonic flow. I. A. Zotikov. Meteoritika no.17:85-92 '59.

Inert gases in two iron meteorites. L. K. Levskii. Geokhimiia no.2:183 '60.

Investigating the composition of tektites. Part 1. Tektites from Indochina. G. G. Vorob'ev. Meteoritika no.17:64-74 '59.

Meteorites in China. M. I. D'iakonova. Meteoritika no.17:96-101 '59.

Mineralogical-petrographic investigation of the Zvonkovoye stone meteorite. Z. P. Rodionov. Meteoritika no.17:47-54 '59.

A new sample of the Manych stone meteorite. V. G. Gnilovskoi. Meteoritika no.17:71-79 '59.

Origin of meteorites. B. Iu. Levin. Meteoritika no.17:55-63 '59.

"Oxidation and weathering of meteorites" by John Davis Buddhue. Reviewed by L. G. Kvasha. Meteoritika no.17:133-139 '59.

Relative abundance of lithium isotopes in uranium minerals and meteorites [with summary in English]. [illegible]. Geokhimiia no.1:[illegible] '60.

Stone meteorite showers in North Carolina. [illegible]. Meteoritika no.17:[illegible] '59.

Third enlarged plenary session of the Committee on Meteorites of the Ukrainian Academy of [illegible]. [illegible] Alekseeva. [illegible] '60.

[illegible] meteorite in Italy. [illegible]. Meteoritika no.17:[illegible] '59.

Using the centrifugal method for isolating meteoritic [illegible] fractions from stone meteorites. (Isolation of [illegible] from the Pervomaiskiy Poselok stone meteorite). [illegible]. Meteoritika no.17:107-[illegible] '59.

METEOROLOGICAL INSTRUMENTS

Apparatus for measuring and recording atmospheric transparency. V. I. Goryshin. Trudy GGO no.100:73-[illegible] '60.

A black large aperture radiator. A. M. Brounshtein. Trudy GGO no.100:94-101 '60.

METEOROLOGICAL OPTICS

Actinometric apparatus for measuring spectral optical characteristics of the atmosphere and the underlying surface. IU. I. Rabinovich. Trudy GGO no.100:[illegible]-124 '60.

Comparative analysis of sighting conditions in [illegible] overcast and cloudless skies. E. P. Novosel'tsev. Trudy GGO no.100:41-44 '60.

Light scattering in the earth's atmosphere. [illegible] no.2:174-[illegible] '60.

Sighting with an objective receiver through a turbid atmosphere. L. B. Krasil'shchikov. Trudy GGO no.100:[illegible]-130 '60.

Spectral variability of radiation from the earth's surface in the visible and near infrared region of the spectrum. N. P. [illegible]. Trudy GGO no.100:[illegible] '60.

METEOROLOGICAL RESEARCH see subdivision under Finland

METEOROLOGICAL RESEARCH – CONGRESSES

Conference on regional synoptics. L. A. [illegible]. Meteor. i gidrol. no.[illegible] '60.

METEOROLOGY

(see also subdivision under Atlantic Ocean; Carpathian [illegible]; Elbrus region; [illegible]; Soviet Central Asia; Valday region)

Long wave radiation balance of the underlying surface according to observations made in Karadag. T. P. Barashkova. Trudy GGO no.100:[illegible] '60.

Mystery of the little men ("At the bottom of the air ocean" by L. Andreeva, L. Kladova [illegible]). Vokrug sveta no.[illegible] My '60.

Relationship between long wave atmospheric radiation and meteorological elements. [illegible]. Trudy GGO no.100:154-161 '60.

Solar calendar of atmospheric processes. L. A. Vitel's. Trudy GGO no.90:[illegible]-129 '60.

METEOROLOGY – BIBLIOGRAPHY see Bibliography – Meteorology

METEOROLOGY – CONGRESSES

Conference on the problem "Sun – troposphere". [illegible] Kolobkov. Meteor. i gidrol. no.6:51-52 Je '60.

METEOROLOGY – OBSERVATIONS see [illegible] under [illegible]

METEOROLOGY, AGRICULTURAL

Agrometeorological forecasting as a type of service of utmost importance to agriculture. M. S. Kulik. Meteor. i gidrol. no.6:3-8 Je '60.

Meteorological conditions in the [illegible] stage of winter wheat and corn fields during periods of dry winds. [illegible]. Trudy UkrNIGMI no.16:87-[illegible] '59.

METEOROLOGY IN AERONAUTICS see subdivision under Stalingrad

METEORS

Bright fireballs over Ryazan. V. I. [illegible], V. A. Stepanova. Astron. tsir. no.205:[illegible] '59.

A catalog of 215 trigonometric meteor heights determined from base line observations in 1949. [illegible]. Trudy Inst. fiz. i geofiz. AN Turk. SSR 5:3-17 '58.

Catalogs of shooting stars. [illegible]. no.4:15-17 Ap '60.

Distribution of true radiants of [illegible] definite limit of their mass. [illegible] no.2:[illegible] '60.

Duration distribution of meteor radio echoes. [illegible] Reflection from unstable trails [with summary in English]. [illegible]. Astron. zhur. 37 no.3:[illegible] My-Je '60.

Luminosity functions of meteor streams and sporadic material. K. A. Liubarskii. Trudy Inst. fiz. i geofiz. AN Turk. SSR 5:18-25 '58.

Mechanism of the formation of a meteor trail [with summary in English]. B. A. Mirtov. Astron. zhur. 37 no.3:511-518 My-Je '60.

[illegible]

METHYL GROUP

[illegible]

Poisoning by methyl violet. M. IU. Platoch. Sud.-med. ekspert. 2 no. 2 51-52 Ap-Je '59.

METHYLAL

High boiling formals from formalin and alcohol. D. M. Vinokurov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no 1 190-192 '60.

MEXICO CITY—EXHIBITIONS

Visiting with Mexicans. V. Kozyreva. Prom. koop. 14 no 4 26 Ap '60.

MIASS—AUTOMOBLIE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Innovations cause sensation but are stifled. D. Matsevich. Izobr. i rats. no 4:38-40 Ap '60.

MIASS VALLEY—RUNOFF

Method of investigating the runoff of small rivers of the Urals. V. V. Ivakin, E. T. Moskvina. Trudy Otd. ekon. issl. UFAN SSSR no 3:19-12 '58.

MICA

Determination of potassium in mica by the perchlorate method. M. L. IAshchenko, E. S. Varshavskaia. Zav. lab. 26 no 3:275-276 '60.

Use of synthetic mica in electron tubes which are processed at high bake-out temperatures. K. R. Rassel. Radiotekh. i elektron. 5 no. 7:1184-1185 Jl '60.

MICE AS CARRIERS OF DISEASE

Case of isolation of Leptospira grippotyphosa from the kidney of a mouse. A. P. Krasil'nikov. Zdrav. Belor. 3 no 12:70-71 O '57.

MICELLES

Beloborodov, V. V., and M. A. Chudnovskaia. [Improvement of the process of micelles distillation in the oil extraction industry] Uluchshenie protsessa distilliatsii mistselly v masloekstraktsionnom proizvodstve. Moskva, GOSINTI, 1959. 17 p. (Obmen otechestvennym opytom)

MICROBIOLOGICAL RESEARCH see subdivision under Kiev

MICROBIOLOGY

El'bert, B. IA. [Microbes and viruses] Mikroby i virusy. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 543 p.

Invisible life of an ocean ("Marine microbiology; deep water" by A. E. Kriss. Reviewed by S. Osokin). Ogonek 38 no. 17:16 Ap '60.

MICROBIOLOGY—CONGRESSES

Congress of microbiologists. V. V. Alferov. Priroda no 6:26 Je '60.

MICROCHEMISTRY

Microchemical determination of ethylene [with summary in English]. IU. V. Rakitin, K. L. Povolotskaia. Fiziol. rast. 7 no. 3:360-373 '60.

MICROCINEMATOGRAPHY

Use of high-speed microcinematography for the investigation of metal cutting processes. S. P. Tambovtsev. Usp. nauch. fot. 6 174 '59.

MICROCLIMATOLOGY

(see also subdivision under Lambalu region)

Air temperature and humidity in fields covered by different farm crops. F. A. Muminov. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 2:175-184 '59.

Demon of the "Santekhnika" plant. N. Semenov. Tekh. mol. 28 no. 2:5-7 '60.

New method for calculating and evaluating the microclimate of dwellings. V. E. Koren'kov. Izv. ASiA no. 4:131-139 '59.

Some microclimatic characteristics of sugar beet fields in the Chu Valley. A. G. Toropova. Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no. 2:197-205 '59.

MICROLITE

Composition of microlite and of the metallic compound NiAl. V. P. Eliutin and others. Zhur. prikl. khim. 33 no. 3 559-563 Mr '60.

MICROMETER

Formula for computing the run of the OT-02 optical micrometer. M. V. Shul'min. Geod. i kart. no. 2:26-29 F '60.

Measuring object-micrometer-type scales. N. A. Klentov. Izm. tekh. no. 2:5-6 F '60.

MICRO-ORGANISMS

Microbes and hormones. V. K. Eroshin. Priroda no. 6:90-92 Je '60.

MICRO-ORGANISMS, PATHOGENIC

Bactericidal action of propolis extract on some pathogenic micro-organisms. Report no. 1. Z. Kh. Karimova and others. Kaz. med. zhur. 41 no 1 71-73 Ja-F '60.

MICROPHONE

Electret microphone. A. Gubkin, V. Kopanev. Radio no 3:54 Mr '60.

Case and projector for a microscope. A. L. Egorov. Shkola i proizv. 4 no 3 68-74 Mr '60.

Modern metallographic microscope. A. S. Egudkin. Zav. lab. 26 no. 3:383-386 '60.

New condenser for lighting microscopes [with summaries in English, German, and French] IA. Balabash. Vest. sel'khoz. nauki 5 no 2 116-119 F '60.

Photometric attachments to microscope. L. S. Agroskin, N. V. Korolev. Prib. i tekh. eksp. no 1 140-141 Ja-F '60.

MICROSCOPE—TESTING

Testing the MPB-2 self-reading microscopes. F. P. Volosevich. Izm. tekh. no. 2:7 F '60.

MICROSCOPY

Combination arrangement for dark-field and luminescent microscopy. F. V. Person. Lab. delo 6 no. 2 54-55 Mr-Ap '60.

Device for microscopic observations during cooling and freezing [with summary in English]. G. A. Samygin. Fiziol. rast. 7 no. 3:374-377 '60.

Problem of bacterioscopic detection of tularemia bacteria in the organs of guinea pigs in experimental infection, concerning the article by V. P. Dzhanpoladova. Zhur. mikrobiol. epid. i immun. 31 no 2:69-71 F '60.

MICROSCOPY, MEDICAL

Phase contrast and luminescent microscopy in the morphological (cytological) diagnosis of malignant neoplasms. V. E. Chernikova. Lab. delo 6 no. 2:27-29 Mr-Ap '60.

MICROWAVES

Experimental investigation of phase fluctuations in centimeter radio waves propagated over water. A. V. Men', S. IA. Braude, V. I. Gordach. Izv. vys. ucheb. zav., radiofiz. 2 no 6 848-857 '59.

Shteinshleiger, V. B., ed. [Low-loss wave guide transmission lines; collection of articles translated from the English] Volnovodnye linii peredachi s malymi poteriami, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 478 p.

Theory of cross distortions in long-distance tropospheric microwave propagation. A. V. Prosin. Radiotekh. i elektron. 5 no. 7:1052-1064 Jl '60.

MIGRAINE

Pathogenesis of migraine. L. N. Perervina. Mat. po obm. nauch. inform. no 2:90-103 '58.

MIGRATION OF ANIMALS see Animals, Migration of

MIKHAILOV, MIKHAIL LARIONOVICH, 1829-1865

Bogatov, V. V. [M. L. Mikhailov, thinker and revolutionary; lectures] M. L. Mikhailov, myslitel' i revoliutsioner, lektsii. [Moskva] Izd-vo Mosk. univ., 1959. 45 p.
(MII)

MIKHAILOV, SERGEI

The street of Lieutenant Mikhailov. B. Koval'skii. Sov. voin 42 no. 12:24 Je '60.

MIKHEEV, NIKOLAI DMITRIEVICH, 1881-1958

N. D. Mikheev; obituary. Soob. Gos. Erm. no. 16:72 '59.

MIKHOV, NIKOLA VASILEV

Collection of papers in honor of Academician Nikola Mikhov. I. V. Gudovshchikova, D. V. Lebedev. Sov. bibl. no. 1:126-130 '60.

MILANI, LORENZO

"Crime" of the Reverend Father Milani ("Pastoral experience" by Don Lorenzo Milani. Reviewed by I. Lavretskii). Nauka i rel. no. 1:94-96 S '59.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ASSISTANCE, AMERICAN see subdivision under Vietnam, South

MILITARY BASES, AMERICAN

(see also subdivision under Europe, Western; Japan; Latin America; Philippines; Puerto Rico; Turkey)

Memory of peace. Z. IUr'ev. Sov. voin 42 no. 8:31 Ap '60.

One of the most important aspects of disarmament ("For the liquidation of U. S. military bases on foreign territories" by M. I. Lazarev. Reviewed by R. L. Dobrov). Vest. LGU 15 no. 11:136-138 '60.

This is not the way to preserve peace. Nov. vrem. 18 no. 21:16-17 My '60.

MILITARY BASES, DUTCH see subdivision under New Guinea, Dutch

Teaching discipline. V. Chinin and others. Voen. vest. 39 no. 12:38-48 D '59.

MILITARY EDUCATION

(see also subdivision under Khmelovka; Moscow)

Adjust propaganda work to the level of our immediate problems. Voen. znan. 36 no 6 1-2 Je '60.

Individual tactical training of young soldiers. P. Marintsev. Voen. vest. 39 no 12:49-57 D '59.

Members of the All-Union Volunteer Society for Assistance to the Ary, Air Force, and Navy of the Donets Basin area visit Moscow. Voen. znan. 36 no 6 6 Je '60.

Overcoming hardships. K. Kozorin. Voen. znan. 36 no 6 9-10 Je '60.

The Soldier's pride. A. Kochetkov. Sov. voin. 42 no 11 13 Je '60.

Towards new achievements. Voen. vest. 39 no. 12:2-8 D '59.

MILITARY JOURNALISM see Journalism, Military

MILITARY MUSIC—STUDY AND TEACHING see subdivision under Moscow

MILITARY OFFENSES

Russia (1923- U. S. S. R.) Prokuratura. Metodicheskii Sovet. [Theoretical and practical commentaries to the law on criminal responsibility for military offenses] Nauchno-prakticheskii kommentarii k zakonu ob ugolovnoi otvetstvennosti za voinskie prestupleniia. Pod red. A. G. Gornogo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 103 p.

MILITARY TOPOGRAPHY

Role of geodesy and cartography in the Great Patriotic War, 1941-1945. M. K. Kudriavtsev. Geod. i kart. no 1: 54-63 Ja '60.

MILK

Certain biochemical characteristics of the blood and milk of sows during lactation [with summary in English]. H. H. Petrenko, V. I. Tertyshnyk. Ukr. biokhim. zhur. 32 no 1:107-110 '60.

Emulsification of milk fat by means of emulsifying agents. M. M. Kazanskii, G. V. Tverdokhleb, V. T. Silin'. Izv. vys. ucheb. zav., pishch. tekh. no 1 64-70 '60.

MILK—BACTERIOLOGY

Effect of irradiated milk as a medium upon the activity of lactic bacteria. N. A. Golovkin, B. I. Cherniak. Trudy LTIKHP 13:3-6 '57.

Problem of alimentary tick-borne encephalitis and measures for preventing it. E. N. Levkovich, V. V. Pogodina. Vest. AMN SSSR 14 no 10 7-13 '59.

MILK—PASTEURIZATION

Automatic regulation of temperature in pasteurization. A. A. Lapshin, V. N. Shuvalov. Trudy LTIKHP 13:54-70 '57.

Pasteurization of milk. A. Zlotin. Tekh. v sel'khoz. 20 no. 2:35-36 F '60.

MILK—SPECTRA

Optical properties of milk. B. V. Ozimov, L. V. Vorob'eva. Trudy LTIKHP 13:28-34 '57.

MILK, DRIED

Deformation of solution particles in spray drying. S. N. Zhilov. Trudy LTIKHP 13:107-113 '57.

MILK, HUMAN see Lactation

MILK AS FEED

Use of skim milk hydrolysate as a nutrient medium for streptococcus. I. G. Akimov, I. N. Krasnova. Lab. delo 6 no. 2:47-50 Mr-Ap '60.

MILK PLANTS—EQUIPMENT AND SUPPLIES

Goncharov, N. N. [Mechanic's handbook for the milk industry] Spravochnik mekhanika molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1959. 657 p.

MILKY WAY

Investigating the absorption in the region of the Milky Way with the center $\alpha = 20^h 16^m$, $\delta = +42^{\circ} 30'$ [with summary in English]. R. N. Ikhsanov. Izv. Krym. astrofiz. obser. 21:257-267 '59.

Investigating the region of the Milky Way with the center $l = 343^{\circ}$, $b = 0^{\circ}$ [with summary in English]. I. I. Pronik. Izv. Krym. astrofiz. obser. 21:268-275 '59.

Spectra, magnitudes, and colors of O-A-type stars in the region of the Milky Way with the center $\alpha = 20^h 16^m$, $\delta = +42^{\circ} 30'$ [with summary in English]. R. N. Ikhsanov. Izv. Krym. astrofiz. obser. 21:229-256 '59.

MILLET

Processing millet seeds. I. Elagin. Tekh. v sel'khoz. 20 no 2 28-30 F '60.

MILLING MACHINERY

Circulating air separators for cement grinding. S. IA. Bokshtein. TSement 26 no 2 26-28 Mr-Ap '60.

New methods for making various materials using air-blast processes V I Akuno. Stroi mat 6 no 3 19 Mr '60

Using separator mills in making cements of various specific surface areas. V. V. Tkachev and others. TSement 26 no. 2 13-20 Mr-Ap '60.

MILLING MACHINES

The DF-143 semiautomatic machine for milling groves in runners of blade-type pumps V I Krivonosov Biul tekh -ek n inform no 2 30-31 '60

The KZh-20 drum-type milling machine N A Zubov Biul tekh -ekon inform no 2 18-20 '60

MILLING MACHINES—ATTACHMENTS

Device for lifting cutter holders V B Surovezhin Mashinostroitel' no 4 34-35 Ap '60

Twin-spindle head for the 6H82 horizontal milling machine. L. B. Rogalnikov, M. I. Nanos. Mash. Bel no. 6 168 '59.

MILLING MACHINES—NUMERICAL CONTROL

Alliance between figures and electrons controls a cutting machines. E. Aksenov, A. Kotov. IUn. tekh. 4 no. 2: 24-26 F '60.

MILLING MACHINES—STANDARDS

[Auxiliary tools for milling machines] Instrument vspomogatel'nyi k frezernym stankam. Moskva, Gos izd-vo standartov, 1959. 72 p. (Normali mashinostroeniia SSSR)

MIND AND BODY

Mansurov, N. S. [Science and religion on mental activity] Nauka i religiia o psikhicheskoi deiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 111 p. (Nauchno-populiarnaia biblioteka)

MINE COMMUNICATIONS

Sparkproof mine telephone apparatus without transformers M A Rol'nik Ugol' Ukr 4 no 2 27-28 F '60

Underground loudspeaker communications. Ugol' Ukr. 4 no. 3 31 Mr '60.

MINE DRAINAGE

(see also subdivision under Lvov-Volyn Basin)

Forerunner of the modern drainage pump. S. Shukhardin Mast ugl 9 no 3 28 Mr '60

MINE DUSTS

Bekirbaev, D. B., and others. [Coal and rock dust control in mines] Bor'ba s ugol'noi i porodnoi pyl'iu v shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 499 p.

High pressure water infusion in coal seams as an effective means of dust control P. N Torskii. Ugol' Ukr. 4 no. 3 9-11 Mr '60.

"Venturi-DV3" dust collector (from "Bulletin d'information techniques" no 87, August 1959) Ugol' Ukr 4 no 2 43 F '60

MINE EXPLOSIONS see subdivision under Rutchenkovo

MINE FIRES

Reviewing "Prevention and extinction of endogenous fires by silting" by B K. Sereda, D. I. Sazhin, K. G. Bubok, V. IA Manakov, E. I. Cherniavskii. Bezop. truda v prom. 4 no. 3 36 '60.

MINE GASES

Determining the amount to be expected of methane emission during mine shaft sinking. N. P. IAkushin Ugol' Ukr 4 no. 2 9-12 F '60.

MINE GASES—CONGRESSES

First All-Union Conference on Gas Removal from Coal Seams. Ugol' Ukr. 4 no. 2.46-47 F '60.

MINE HAULAGE

Magnetic VM2N-type switch operating as pick-up and cutout A. T. Kniazev Ugol' Ukr 4 no 2 31 F '60.

Protection against short-circuit currents in electric haulage systems. M M Khaesh Ugol' Ukr. 4 no 2 21-22 F '60

Useful manual for engineers ("Mine haulage vibrator machines" by A. O Spivakovskii, I F. Goncharevich. Reviewed by G. IA Palant) Ugol' 35 no. 3 63-64 Mr '59

MINE HOISTING

Experimental investigation of stresses in mine hoisting machine drums. G. A. Dobroborskii. Izv. vys. ucheb. zav.; gor. zhur. no. 1·124-129 '60.

Some problems in determining the economy factors of using metal head frames. M. M. Zherbin. Ugol' Ukr. 4 no. 3 19-21 Mr '60.

MINE HOISTING—EQUIPMENT AND SUPPLIES

Rubberized fabric lining for hoist drive pulleys. IU. P. Shabanov-Kushnarenko, K A Mositchuk Ugol' Ukr. 4 no. 2 19-21 F '60

MINE MANAGEMENT

Keeping pace with life I. Khalepa Mast ugl. 9 no 2· 16 F '60

MINE PUMPS

Hermetic sealing of stators of immersible electric motors for NDV-type pumps I I Liashenko Ugol' Ukr 4 no 2 37 F '60

The 16APV artesian submersible pump. IA. S. Khelfets. Biul. tekh. -ekon. inform. no. 3·38-39 '60.

MINE RAILROADS

From "live engines" to powerful electric locomotives A Shvartsman Mast ugl 9 no 2 28-29 F '60

Inadequate catalog-manual ("Catalog manual on electric mine locomotives." Reviewed by P. M IAkovlev). Ugol' 35 no. 3·64 Mr '60

Locomotives without engines. Znan. ta pratsia no. 3·7 Mr '60.

Mechanizing the shifting of railroad tracks in the open pits of the "Aleksandriiaugol'" Trust L F Zorin Mekh i avtom. proizv 14 no 3 18-23 Mr '60.

MINE RAILROADS—BRAKES

Determining the weight of an electric underground haulage train by its braking distance. L. I. Zhukov Izv. vys ucheb zav., gor. zhur. no 1.115-118 '60.

MINE RAILROADS—CARS

Vibration packing of mine cars as a means to increase their loadability. G. A. Ushakov, V. N. Korol'. Ugol' 35 no. 3;41-44 Mr '60.

MINE RAILROADS—EQUIPMENT AND SUPPLIES

Machine for turning tires. M. Solov'ev, V. Tolmachev Mast. ugl. 9 no. 2.9 F '60

MINE RESCUE WORK

Space traveler? Deep-sea diver?... No, mine rescue team. Sov. Soiuz no. 2:41-43 '60.

MINE RESCUE WORK—EQUIPMENT AND SUPPLIES

Stalinsk. Sovet narodnogo khoziaistva. Nauchno-issledovatel'skaia laboratoriia po gornospasatel'nomu delu. [Manual on the control of mine rescue equipment] Posobie po proverke gornospasatel'nogo oborudovaniia. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 125 p.

MINE SANITATION

Effect of roof control method on thermal conditions in deep Donets Basin mines [with summary in English] O N. Shcherban', E I Baratov Dop. AN URSR no. 2. 177-180 '60

Following the precepts of Il'ich. Okhr. truda i sots. strakh 3 no 4 13-16 Ap '60.

MINE SURVEYING

Error of bordering on two mine plumb bobs by the method of a connecting guadrangle. V. I. Akulov. Izv. vys. ucheb. zav, gor. zhur. no. 1 42-62 '60.

MINE SURVEYING—EQUIPMENT AND SUPPLIES

Two types of projection instruments for the orientation of underground workings. N. A. Gusev. Izv. vys. ucheb. zav., gor. zhur. no. 1 34-41 '60.

MINE TIMBERING

(see also subdivision under Donets Basin; Moscow Basin)

Effectiveness of sodium fluoride for mine timber preservation M. A. Komissarov. Ugol' Ukr. 4 no. 3;30-31 Mr '60.

Improved mine supports P. Evlent'ev, V. Kuznetsov. Mast. ugl 9 no 3 10-11 Mr '60.

Some problems in increasing the effectiveness of the use of steel supports. V. T. Davidiants, A. N. Piasetskii. Ugol' Ukr 4 no 2 5-6 F '60.

MINE TIMBERING—TESTING

Comparative laboratory tests of metal supports having an increasing and constant resistance. S. T. Kuznetsov, F. P. Glushikhin, A. A. Orlov. Ugol' Ukr. 4 no. 3:26-29 Mr '60.

Mine testing of new types of steel supports. S. I. Panasenko, I M Aksenov Ugol' Ukr. 4 no. 2 35-37 F '60

MINE VENTILATION

(see also subdivision under Kuznetsk Basin)

Effect of the speed of air flow on dust and gas conditions during the operation of mining machines. A. S. TSyrul'nikov, I. A. Ryzhenko. Ugol' Ukr. 4 no. 3;24-26 Mr '60.

Highly economical centrifugal fans with shaped blades. V. S. Pak, G. A. Babak, V. V. Pak. Ugol' Ukr. 4 no. 3; 41-42 Mr '60.

Parameters of a ventilation stream characterizing the removal of dust from the stoping faces of mines [with summary in English]. I. O. Ryzhenko. Dop. AN URSR no. 1;32-35 '60.

Shaft heating with heating units. V. Z. Maruflenko Ugol' Ukr 4 no 2 12-14 F '60.

Some investigations of the coefficient of fan regulation C_{fr}. N. N Babkin. Izv. vys. ucheb. zav., gor. zhur. no. 1: 69-82 '60.

Use of helicopters for the ventilation of open-pit mines. N N. Ladeev. Izv. vys ucheb. zav., gor. zhur. no 1.92-95 '60

Velocity field in rectangular cross-section mines. I. A. Ryzhenko, A. A. Skorobagat'ko Izv. vys ucheb. zav., gor zhur. no. 1 83-87 '60.

Ways to improve mine ventilation systems with centrifugal fans A. G. Bychkov, I. I. Lokshin. Ugol' 35 no. 3·44-50 Mr '60.

MINE VENTILATION—CONGRESSES

All-Union Scientific Technical Conference on Mine Ventilation and Fan Designing V I Kravets Ugol' Ukr 4 no. 2 16 F '60.

MINERAL INDUSTRIES see subdivision under Ural Mountain region

MINERAL OILS

Vsesoiuznaia kontora regeneratsii otrabotannykh smazochnykh masel. [Instructions on the gathering of spent petroleum oils for mechanics and shop supervisors] Pamiatka po sboru otrabotannykh neftianykh masel, dlia mekhanikov i nachal'nikov tsekhov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 24 p.

MINERAL OILS—ANALYSIS

Luminescent method of analyzing oil in gases. N. E. Bulanova. Zav. lab. 26 no. 4:465-466 '60.

MINERAL WOOL

Acoustical parameters of slag wool Z. N Naumenko Prom aerodin no 14 99-108 '59

Semiautomatic production line for rigid mineral-wool slabs V M Ontishchenko Stroi mat 6 no 6 27-20 Je '60

Using fused furnace slags in making slag wool Rats i izobr predl v stroi no 14 73-75 '60.

MINERAL'NYYE VODY—ATMOSPHERIC TEMPERATURE

Effect of the main Caucasian range on the temperature regime of the free atmosphere over the central part of Transcaucasia. I. F. Kvaratskheliia. Trudy Tbil. NIGMI no. 5·102-106 '59.

MINERALOGY

(see also subdivision under Bug Valley; Dnieper Valley; Ukraine)

"Mineralogical landscape." IU. K. Gumennyi. Priroda no. 6:80 Je '60.

MINERALOGY, DETERMINATIVE

Amateur geologist's page. Vokrug sveta no. 3:30-31 Mr '60.

MINERALS IN SOILS

Mineral composition of vegetation as related to soil formation in forests of the Crimean foothills [with summary in English]. N. N. Dzens-Litovskaia. Vest. LGU 15 no 12 110-126 '60.

MINERALS IN THE BODY

Chemical asymmetry of the subcortical nodes and cerebral cortex in man [with summary in French]. V. A. Del'va. Zhur. nevr. i psikh. 60 no. 1.26-28 '60.

How feed rations with various potassium content affect the mineral metabolism in lactating cows [with summaries in English, German, and French]. V. M. Shcherbakov. Vest. sel'khoz. nauki 5 no. 2.53-56 F '60

MINERS see subdivision under Georgia

MINERS IN LITERATURE AND ART

Kind word about countrymen ("Dynasties of miners" by N. Domovitov. Reviewed by L. Skvortsov). Mast. ugl. 9 no. 2:25 F '60.

MINES AND MINERAL RESOURCES

(see also subdivision under Azerbaijan; Kazakhstan; Susuman District)

Akademiia nauk SSSR. Komissiia po probleme "Zakonomernosti razmeshcheniia poleznykh iskopaemykh." [Characteristics of the distribution of mineral resources] Zakonomernosti razmeshcheniia poleznykh iskopaemykh. Moskva.

Vol. 2. 1959. 504 p.

[MICROFILM]

Mineral resources in capitalist countries, nonmetallic minerals. N. A. Bykhover, A. F. Opalev. Razved. i okh. nedr 25 no. 12:40-53 D '59.

MINGECHAUR RESERVOIR—DAMS

Results of constructing the dam of the Mingechaur installation. V. E. Domanskii. Dokl. AN Azerb. SSR 16 no. 1 23-27 '60.

MINGECHAUR RESERVOIR—TEMPERATURE

Annual cycle of water temperature in the Mingechaur Reservoir [in Azerbaijani with summary in Russian] R. B. Tarverdiev. Dokl. AN Azerb. SSR 16 no. 1·41-43 '60.

[illegible]

MINING MACHINERY—TESTING
Results of checking the operation of loading machines. M.A. [illegible] Ugol' Ukrainy 24 no.1:36-37 Mr '60

MINING RESEARCH see subdivision under Dnepropetrovsk [illegible]

[illegible] REGION—BRACHIOPODA, FOSSIL
[illegible] Uzbekistan. [illegible] Vestnik no.10:[illegible] '60.

MINOR PLANETS see Planets, Minor

MINSK—ACTING—STUDY AND TEACHING
[illegible] Belarus' [illegible] '60

MINSK—AUTOMOBILE INDUSTRY
[illegible] in the introduction of [illegible] Minsk Automobile Plant [illegible]
[illegible] conferences methods. [illegible] Mr '60.

MINSK—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS
[illegible] Mashinostroitel' [illegible]

MINSK—AUTOMOBILE INDUSTRY WORKERS—[illegible]
[illegible] at the Minsk Automobile [illegible] Alma [illegible]

MINSK—AUTOMOBILES—MAINTENANCE AND REPAIR
[illegible] Belarus' [illegible] Mr '60.

MINSK—[illegible]
[illegible] A. Kozlovskii. Zhil. [illegible] Mr '60.

MINSK—COMMUNITY CENTERS
[illegible] '60.

MINSK—[illegible]
[illegible] A. [illegible]

MINSK—[illegible] TOWER
[illegible] Belarus' [illegible]

MINSK—[illegible] LABORATORIES
[illegible] Belarus' [illegible]

MINSK—[illegible]—PROTECTION
[illegible] Minsk Polytechnic [illegible]

MINSK—[illegible] DISEASES
[illegible] infections [illegible]

MINSK—[illegible]
[illegible] Belarus' 17 no.3 [illegible] Mr [illegible]

MINSK—[illegible] INDUSTRY
[illegible] A. [illegible] Belarus' [illegible] Mr [illegible]

MINSK—PUBLIC HEALTH—STUDY AND TEACHING
[illegible] health. N. Pavlov. [illegible] Mr '60

MINSK—RADIO INDUSTRY
[illegible] of the workers. [illegible] 16 no.13:36 Je '60

MINSK—REINFORCED CONCRETE
[illegible] Reinforced Concrete Plant [illegible]

MINSK—SHEET METAL WORK
[illegible] Minsk Tractor [illegible] Mash. [illegible] '59.

MINSK—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS
[illegible] Belarus' 17 no.3 [illegible] '60

MINSK—[illegible]
[illegible]

MINSK—WINTER SPORTS
Winter sports of tractor plant workers. A. Matski. Belarus' 17 no.3:12 Mr '60.

MINT
Processing whole dry mint plants in continuous Revazov-Moskalev units. N.N. Kadunovskaia. Masl.-zhir. prom. 26 no.6:40-42 Je '60

MINUSINSK BASIN—ARCHAEOLOGY
Kyzlasov, L.R. [Tashtyk period in the history of the Khakass-Minusinsk Basin] Tashtykskaia epokha v istorii Khakassko-Minusinskoi kotloviny. [Moskva] Izd-vo Mosk.univ., 1960. 197 p.

MINUSINSK REGION—GEOLOGY, STRUCTURAL
Pre-Givetian discontinuity and angular unconformity in the Devonian of the Minusinsk depressions. A.A. Mossakovskii. Dokl. AN SSSR 133 no.6:1401-1404 Je '60

MIRNYY REGION, ANTARCTICA—JET STREAM
Jet streams in the atmosphere over the Mirnyy area. V.A. Bugaev. Inform.biul.Sov.antark.eksp. no.13:20-23 '60

MIRNYY REGION, ANTARCTICA—TERRESTRIAL ELECTRICITY
Observation of earth currents at the stations Mirnyy and Oasis in 1957. [illegible] Inform.biul.Sov.antark.eksp. no.11:24-26 '60

MIRRORS
(see also subdivision under China)
Chemically softened water to be used in silvering glass. M.I. Koz'min, [illegible] A. [illegible] Stek.i ker. 17 no.6:10-11 Je '60

MIRPIAGATOV, MIRZA USMANOVICH
One of the first. [illegible] Uzbekiston 10 no.6:11 Ag '59.

MIRES see subdivision under Kirov Province, Vologda Province

MISSILE CARRIERS OF DEFENSE see subdivision under White Russia

MITOSIS see Karyokinesis

MITRAL VALVE—DISEASES
Mechanism of the formation of secondary mitral stenosis following commissurotomy [with summary in English]. N.M. [illegible] and others. Grud.khir. 1 no.1:41-47 Ja-F '59.
Some quantitative and phonocardiographic data in mitral stenosis [with summary in English]. G.G. Gel'shtein, T.M. [illegible] Grud.khir. 1 no.1:31-35 Ja-F '59.
Some problems in surgical treatment of mitral stenosis. A.N. Bakulev, E.A. Kolesnikova. Vest.AMN SSSR 15 no.1:10-17 '60.

MITRAL VALVE—SURGERY
Commissurotomy in mitral stenosis [with summary in English]. B.A. Korolev. Grud.khir. 1 no.1:23-31 Ja-F '59
Results of mitral commissurotomy. [illegible] Vrach.delo no.4:349-351 Ap '60

MIXING MACHINERY
(see also subdivision under Poland)
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Mobile automatic S-[illegible] unit for making mixes and lightweight concretes] Peredvizhnaia avtomatizirovannaia ustanovka S-[illegible] dlia prigotovleniia rastvorov i legkikh betonov. Moskva, 1959. 10 p.
Equipment for making mortars to be used in separate concreting. A. Alekseev. Mekh. stroi. 17 no.6:20-[illegible] Je '60
Mechanized making and placing of aerated concretes and mortars. M.A. Pishchik, A.R. Bazarov. Biul.tekh.-ekon. inf. no.3:135-138 Mr '60.
Using vibration methods in mixing fine grained concretes. V.I. [illegible], O.F. [illegible], I.N. Ushakova. Biul.tekh.-ekon. inf. no.2:70-75 F '60

MIXING MACHINERY—HYDRAULIC DRIVING
Asphalt-concrete mixers with hydraulic drive. S.A. [illegible] Avt. dor. 23 no.3:29 Mr '60.

MOCHALOVA, VARVARA VASIL'EVNA
Accountant of a state farm section. A.B. Borisov. Uchet i fin.v kolkhoz.i sovkhoz. 17 no.3:34-35 Mr '60.

MODERN HISTORY see History, Modern

MODULAR COORDINATION (ARCHITECTURE)
Unification and standardization of construction elements of buildings for various purposes. V.M. Keldysh, G.A. Gradov, D.N. Khazanov. Izv.ASiA no.4:81-100 '59.

MODULATION (ELECTRONICS)
Effect of an e.m.f. with a rapidly varying frequency on inert systems. I.S. Gonorovskii. Radiotekh.i elektron. 5 no.6:903-912 Je '60.
Plate modulation of a stage with a common grid. B.P. Terent'ev. Radiotekhnika 15 no.3:31-34 Mr '60

MOGILEV DISTRICT—COMMUNITY CENTERS

In winter evenings. P.Shandersykon. Belarus' 17 no.3:11 Mr '60.

MOGILEV DISTRICT—DAIRYING

Great deeds are in store for them. Halina Platsova. Rab.i sial. 36 no.2:18-19 F '60.

MOGILEV PROVINCE—TEXTILE FIBERS, SYNTHETIC

Staple fibers. P.Pankouski. Belarus' 17 no.3:13 Mr '60.

MOHAMMEDANISM

(see also subdivision under Bukhara)

Present day Islam. I.Palatov. [illegible] no.3:70-71 Mr '60.

MOISTURE—MEASUREMENT

Automatic and semi-automatic devices for determining the content of moisture in ceramic materials. N.N. [illegible] Steklo i keram. 16 no.2:11-16 F '60.

Determination of the moisture in drug preparations by Fischer's method. [illegible] Apt.delo 9 no.1:71-74 Ja-F '60.

Diffusion point hygrometer. R. Aulenstoľka, I. Bonhov, O. Chumisheva. [illegible] 2 no.1:55-56 Ja-F '60.

Rapid determination of moisture content in textile materials. I.A.Lovtshin, N.A.Semina. [illegible] 24 no.3:39-40 Mr '60.

MOKSHIN, IVAN IGNAT'EVICH

Ivan Ignat'evich Mokshin. [illegible] v shkole 10 no.1:49-50 Ja-F '60.

MOKUL'SKII, STEFAN STEFANOVICH

In memory of S.S. Mokul'skii. A. Anikst. [illegible] Teatr 21 no.3:166-167 Mr '60.

MOLASSES

(see also subdivision under [illegible])

Automatic disk sampler of molasses syrup. A.P. [illegible] Spirt.prom. 26 no.1:30-31 '60.

Calculation of the additional yield of sugar obtained at the expense of the good quality of molasses. [illegible] Sakh.prom. 34 no.3:[illegible] Mr '60.

Complete processing of sugar beet molasses in distilleries of the Kuban. Spirt.prom. 26 no.2:30-31 '60.

Influence of [illegible] molasses syrup upon the amylolytic ferments of malt. M.I. [illegible] Spirt.prom. 26 no.1:9-11 '60.

Investigating the heat capacity of molasses waste. V.M. Konstantinov. Izv.vys.ucheb.zav.; pishch.tekh. no.1:91-93 '60.

Problem of the technical and economic effectiveness of the complete utilization of sugar beet molasses in the distilling industry. I.E. [illegible] Spirt.prom. 26 no.2:30-34 '60.

Processing molasses with an admixture of corn extract. O.A.Bakushinskaia. Khleb.i kond.prom. 4 no.3:19-20 Mr '60.

Viscosity and specific gravity of molasses waste. V.D. Popov, V.M.Konstantinov. Spirt.prom. 26 no.1:27-30 '60.

MOLCHAN, VIACHESLAV ALEKSANDROVICH, 1910 or 1911-1960

V.A. Molchan; obituary. Zdrav.Belor. 6 no.3:[illegible] '60.

MOLDAVIA—ARCHITECTURE

Zakharov, A.I. [Traditional architecture of Moldavia; stone building in central regions] Narodnaia arkhitektura Moldavii; kamennaia arkhitektura tsentral'nykh raionov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit.materialam, 1960. 91 p.

MOLDAVIA—BIOLOGICAL RESEARCH

Reorganization of the Institute of Biology of the Moldavian Branch. Vest.AN SSSR 30 no.6:[illegible] Je '60.

MOLDAVIA—CHORAL SOCIETIES

"Doina", a Moldavian a cappella chorus. [illegible] Sov.muz. 24 no.3:[illegible] Mr '60.

MOLDAVIA—CULTURE

Sun, art, joy, and song. Petria Kruchenluk. Sov.Soiuz no.5:34-37 '60.

MOLDAVIA—DIPHTHERIA

In the Collegium of the Ministry of Public Health of the Moldavian S.S.R. Zdravookhranenie 3 no.1:61 Ja-F '60.

MOLDAVIA—ECONOMIC CONDITIONS

Stavrakov, Kh.N. [The Moldavian S.S.R.] Moldavskaia SSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 39 p.

MOLDAVIA—ESSENCES AND ESSENTIAL OILS

For a further improvement of the production. V.A.Popov. Masl.-zhir.prom. 26 no.4:41-43 Ap '60.

MOLDAVIA—EXTREMITIES, LOWER—WOUNDS AND INJURIES

Characteristics of injuries of the lower extremities in the medicolegal practice of the Moldavian S.S.R. P.I. Maksimov. Zdravookhranenie 2 no.6:37-39 N-D '59.

MOLDAVIA—GEOLOGY, STRATIGRAPHIC

Main features of the [illegible] in the Ukraine and Moldavian [illegible] upper Jurassic [with summary in English] [illegible] V.S. [illegible]

MOLDAVIA—HISTORY

Ivanov, Iu. [Participation of youth in the revolutionary movement in Moldavia, 1900-1917] [illegible] Moldavii, 1900-1917 gg. Kishinev, Kartia Moldoveniaske, [illegible]

(MIR)

MOLDAVIA—INSURANCE

How we are helping [illegible]

MOLDAVIA—MEDICAL STATISTICS

Statistical data based on materials of the Department of Medical Statistics of the Ministry of Public Health of the Moldavian S.S.R. Zdravookhranenie [illegible] '59.

MOLDAVIA—MEDICINE

Some data on the development of [illegible] Moldavia. [illegible]

MOLDAVIA—MOLLUSKS, FOSSIL

Didkovs'kyi, V.Ia. [Fossil [illegible] western part of the Soviet Union [illegible]] Kyiv, Vyd-vo Akad.nauk URSR [illegible]

MOLDAVIA—[illegible]

Production planning [illegible]

MOLDAVIA—PALEOGEOGRAPHY—MAPS

Paleogeographic atlas of the [illegible]

MOLDAVIA—PEAS

Refrigeration of green peas [illegible]

MOLDAVIA—PUBLIC HEALTH

[illegible]

MOLDAVIA—THERAPEUTICS

Republic conference of [illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—[illegible]

[illegible]

MOLDAVIA—YOUTH

Ivanov, Iu. [Participation of youth in the revolutionary movement in Moldavia, 1900-1917] [illegible] Kishinev, Kartia Moldoveniaske, [illegible]

(MIR)

MOLDAVIAN LITERATURE—BIBLIOGRAPHY see [illegible] Moldavian literature

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

[illegible]

MOLDING MACHINES

Centralized [illegible]

MOLDINGS

[illegible]

MOLDS (BOTANY)

Properties of [illegible]

Use of blue light [illegible]

Use of mold fungus in [illegible] malt in distilleries. [illegible] '60.

MOLECULAR SPECTRUM see Spectrum, Molecular

[illegible]

MONGOLIA

In the people's Mongolia. V.Kasatkin. Sov.kras.krest 37 no.1:27 Ja-F '60.

MONGOLIA—AIRLINES

Over caravan trails. A.Denisovich. Grazhd av. 17 no 3 24 Mr '60.

MONGOLIA—ATMOSPHERIC PRESSURE

Spatial problem of numerical prediction of the baric field taking into account the influence of high-mountain plateaus Tu Hsing-yuan. Trudy GGO no 99 93-104 '59.

MONGOLIA—ECONOMIC CONDITIONS

The new life triumphs. I Pozdniak, V Popov Agitator no 13 47-49 Jl '60

MONGOLIA—ETHNOLOGY

Bruk, S.I. [Population of China, the Mongolian People's Republic, and Korea, explanatory notes to the population graphic map] Naselenie Kitaia, MNP i Korei, poiasnitel'naia zapiska k karte narodov Moskva, Izd-vo Akad. nauk SSSR, 1959. 40 p.

[MICROFILM]

MONGOLIA—HISTORY

Mongolian history in the works of Leningrad orientalists I I. Iorish, Uch.zap.Inst vost, 25,108-117 '60.

MONGOLIA—WOMEN—EMPLOYMENT

Women of Mongolia have free access to all vocations. Zhen.mira no.11 27 '60

MONGOLIAN LANGUAGES—STUDY AND TEACHING

The study of Mongolian languages in Leningrad. D.A, Alekseev, Uch zap.Inst.vost. 25:127-133 '60.

MONGOLIAN LITERATURE—HISTORY AND CRITICISM

Mongolian literature in studies of Leningrad in Mongolian specialists. L.S. Puchkovskii. Uch.zap.Inst.vost 25:118-126 '60.

MONGOLIAN POETRY—COLLECTIONS

Sikorskii, Vadim, ed. [Verse by Mongolian poets. Translated from the Mongolian] Stikhi mongol'skikh poetov. Moskva, Izd-vo inostr. lit-ry, 1959. 157 p. (Sovremennaia zarubezhnaia poeziia)
(MH)

MONGOLIANS

Racial distinctions between the Mongol and European groups in childhood. N N Miklashevskaia. Vop antr no 1 103-110 '60.

MONKEYS

(see also subdivision under Caucasus)

Histological structure of the ovaries in a rhesus monkey (macaca rhesus) during the postnatal ovogenesis IU.S. Bocharov Vop antr. no 2 123-125 '60.

Structure of the precentral area of the cerebral cortex in rhesus and pig-tailed macaques in connection with special features of their ecology. T I.Belova. Vop antr no 2 55-67 '60.

MONOCHROMATORS

Reflecting spectrograph-monochromator for visible and ultraviolet regions of the spectrum, constructed on a two-mirror system. L.E Vvedenskii. Trudy MATI no 41 63-67 '59.

MONOPOLIES

Mashera, V.F., and V.A. Budarin. [Concentration of production and monopolies] Kontsentratsiia proizvodstva i monopolii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 59 p.

MONSOONS

(see also subdivision under China)

Hydrodynamic resonance in summer monsoon streams. V.V.Shuleikin. Izv. AN SSSR.Ser.geofiz. no.6:828-838 Je '60.

MONTREAL—FORENSIC PSYCHIATRY

Activity of the Forensic Psychiatry Clinic in Montreal. E.Cameron. Zhur.nevr.i psikh. 60 no.1:122-123 '60.

MOON

Barabashov, N.P., and others. [Moon] Luna. Pod red. A.V.Markova, Moskva, Gos.izd-vo fiziko-matem. lit-ry, 1960. 384 p.

Color contrasts on the lunar surface in the visible spectrum. V.G.Teifel'. Vest.AN Kazakh.SSR 16 no.2:77-84 F '60.

Lunar photometry. N.Sytinskaia. IUn.tekh. 4 no.2: 36-40 F '60.

MOON—OBSERVATIONS

Photometric characteristics of the moon [with summary in English]. V.G.Fesenkov. Astron zhur. 37 no.3: 496-500 My-Je '60.

MOON—PHOTOGRAPHS, MAPS, ETC.

First lunar globe. D.Dmitriev. IUn.tekh. 4 no.2:48 F '60.

How was the other side of the moon photographed? IU Pskovskii Most ugl. 9 no 3 21 Mr '60.

Photograph from outer space V A Sokolov Nauka i zhizn' 27 no 3 8-10 Mr '60

MOON—SURFACE

Barycentric large relief near the edge of the moon. I V. Gavrilov. Astron tsir no 206 5-6 D '59

Color contrasts of lunar craters N.P.Barabashov, V I Ezerskii Astron tsir no 205 9-10 O '59

Comparing catalogs of the reflecting power of the moon's surface. V.A Ezerskaia, V.I.Ezerskii Astron tsir no 205 10-11 O '59

First results of studying photographs of the other side of the moon N.P Barabashov. IU.N.Lipskii Astron tsir no 206 1-4 D '59

Spectral-polarization properties of the moon's surface V G Teifel' Astron tsir no 205 7-8 O '59

MOON PROBES see Lunar probes

MOOSE see subdivision under under Kuybyshev Province

MORAINES

Marine moraines in Quaternary deposits. K.K.Markov. Izv.AN SSSR.Ser.geog. no.3 75-79 My-Je '60.

MORAL EDUCATION

(see also subdivision under Krasnoyarsk, Perm Province)

Inculcating a sense of responsibility in students A.I. Zhavoronko. Sov.pedag 24 no.3 62-71 Mr '60.

Individual approach in the education of upperclassmen. V.P.Gurin. Sov.pedag. 24 no.3:72-78 Mr '60.

Krutetskii, V.A. [Will and character training] Vospitanie voli i kharaktera. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.10, Molodezhnaia, no.4)

Role of the personal example of teachers in the moral education of preschool children. K.Borozna. Doshk. vykh. 21 no.3:15-18 Mr '60

MORAL EDUCATION—BIBLIOGRAPHY see Bibliography—Moral education

MORAL REARMAMENT

Charlatanry and saboteurs ("Ideology and coexistance." [in English]. Reviewed by L Sedin). Nov.vrem. 18 no 27:28-30 Jl '60

MOROCCO—DESCRIPTION AND TRAVEL

Rubaba sings of freedom. V.Iordanskii. Vokrug sveta no 4:52-54 Ap '60

MOROCCO—ECONOMIC CONDITIONS

Guinea, Morocco and Tunis on the road to economic independence. V.Shmelev. Mir.ekon.i mezhdunar otn no.6:107-108 Je '60.

MOROCCO—POLITICS AND GOVERNMENT

Events. Mezhdunar. zhizn' 7 no.7:154 Jl '60.

MOROZOV, PETR PAVLOVICH

Golos Rodiny. [It could happen to anyone; Peter Moroz's tragedy; a collection of materials from the newspaper "Golos rodiny."] Eto mozhet sluchit'sia s kazhdym; tragediia Petra Moroza. Sbornik materialov gazety "Golos rodiny " [Berlin] Izd.Komiteta za vozvrashchenie na rodinu i razvitie kul'turnykh sviazei s sootechestvennikami, 1960. 55 p.
(CSt-H)

MORPHOGENESIS

Konarev, V.G. [Nucleic acids and morphogenesis of plants] Nukleinovye kisloty i morfogenez rastenii. Moskva, Gos.izd-vo "Vysshaia shkola," 1959. 346 p.

MORPHOLOGY (ANIMALS)

Physiological importance of the transformation of the skeletomuscular, respiratory, and cardiovascular systems in various mammals during ontogenesis. I.A.Arshavskii. Trudy Inst.morf.zhiv. no.31:35-50 '60.

Question of the origin of breed and production characteristics in the individual development of livestock. S N. Bogoliubskii. Trudy Inst.morf.zhiv. no.31:7-15 '60.

Some morphological characteristics of early maturity in meat type farm animals Pt 1 [with summary in English] S N Bogoliubskii. Biul.MOIP.Otd biol 64 no 5 99-115 S-O '59

MORPHOLOGY (PLANTS) see Botany—Morphology

MORTAR

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Making mortars and concrete mixes] Prigotovlenie rastvorov i betonnykh smesei. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 178 p.

Device for feeding mortars to vertical and horizontal joints of masonry walls and seams of reinforced concrete wall elements. Rats.i izobr.predl.v stroi. no.13:96-98 '59.

Device for switching off mortar feeders. Rats.i izobr. predl.v stroi no.13:56-57 '59.

Machine for making clayey suspensions. Z.Doniakin. Stroi i arkhit 8 no 2 27 F '60.

Nauchno-issledovatel'skii institut sel'skogo stroitel'stva. [Instructions for using organic plasticizing soap-stock wastes in making mixed and lime mortars] Ukazaniia po primeneniiu v smeshannykh i izvestkovykh rastvorakh organicheskogo plastifikatora-otkhoda soapstoka. Moskva, Gos.izd-vo lit-ry po stroit., akhit.i stroit. materialam, 1959. 14 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for making masonry mortars, SN 43-59. Approved by the State Construction Committee of the Council of Ministers of the U S.S.R. on January 12, 1959] Instruktsiia po rastvoram dlia kamennoi kladki, SN 43-59. Utverzhdena Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 12 ianvaria 1959 g. (Izdanie ofitsial'noe). Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam, 1959. 42 p.

Waterproof mortars for protecting residential and industrial buildings A Shnypkin Bud mat.i konstr. 2 no 1 52-55 F '60

Year-round operating mortar plant V.Voronov, A.Lokshin, A Posysaev Stroitel' no 3 19-23 Mr '60

MORTAR—TRANSPORTATION

Pneumatic units for transporting building mixes IA I Marcnnyi Mekh stroi 17 no 6 24-25 Je '60

MOSCOW

Division of Moscow Province into regions by soil types. K P Gugneva. Vest Mosk un Ser.biol.,pochv ,geol., geog. 14 no.3:85-90 '59

MOSCOW—ABORTION

Joy is preserved M.Mirskii Zdorov'e 6 no 5 21 My '60

MOSCOW—AGRICULTURAL EXHIBITIONS

Sviridenko, V.V. [Practices of participants in the All-Union Agricultural Exhibition, the Northern Caucasus] Opyt uchastnikov VSKhV Severnyi Kavkaz. Moskva, "Sovetskaia Rossiia" 1958. 70 p.
(DA)

MOSCOW—AGRICULTURE—STUDY AND TEACHING

On assignments from collective and state farms. A.G. TSiklauri. Vest.vys.shkoly 18 no.7,59-61 Jl '60.

MOSCOW—AIRPLANES—MODELS

Masters of sports are helping young airplane model builders P.Ryvkin. Kryl.rod. 11 no.2:5 F '60

MOSCOW—AIRPORTS

The air gates of our capital. Kryl.rod. 11 no.4:16 Ap

MOSCOW—ANTHROPOLOGY—STUDY AND TEACHING

Fiftieth anniversary of the students' anthropological study group in the Moscow University. T.D.Gladkova, IA.IA.Roginskii. Vop.antr no 2 133-134 '60.

Work of the Anthropological Section of the Moscow Society of Naturalists in 1957 and 1958 T D Gladkova, M F Nesturkh. Vop antr. no.1 139-143 '60.

MOSCOW—APARTMENT HOUSES

Ezdrin, K.B., and B.A. Finkinshtein. [Houses built of large keramzit-concrete panels; construction of block 11 in Novyye Cheremushki] Doma iz krupnykh keramzitobetonnykh panelei, opyt stroitel'stva 11-go kvartala Novykh Cheremushek. Moskva, 1959. 39 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: Stroitel'stvo, vyp.5)

MOSCOW—ARCHITECTURE

Moscow. Muzei arkhitektury. [Moscow; an architectural guidebook] Moskva; arkhitekturnyi putevoditel'. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 587 p.

MOSCOW—ART—EXHIBITIONS

Art exhibition "Soviet Russia." A.Vasil'eva Ogonek 38 no.17 28-29 Ap '60.

MOSCOW—ART, BURYAT

Encounters at the festival of art and culture. IA.Brianskii. Kul't.-pros.rab. 21 no.2:17-19 F '60.

MOSCOW—AUTOMOBILE DRIVERS

Training course for amateur drivers. B.Gartenberg. Za rul. 18 no.2:9 F '60.

MOSCOW—AUTOMOBILE INDUSTRY

Automatic control and telemechanization of power installations of the Likhachev Automobile Plant in Moscow. A.M.Gevrilov. Prom.energ. 15 no.3:1-4 Mr '60.

Young engineers pave the way to progress. V.Timofe Vest.vys.shkoly 18 no.7 28-35 Jl '60.

MOSCOW—AUTOMOBILES, RENTAL

Experience of a car-rental unit A Katsev, S Lein transp 38 no 3 13-16 Mr '60.

MOSCOW—BAKERS AND BAKERIES

Bread is one of the greatest inventions. A.IAsneva. tekh. 4 no 3 38-42 Mr '60

SUPPLIES

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. [Innovations in Moscow bakeries] Novoe na moskovskikh khlebopekarnykh predpriiatiiakh, sbornik statei Moskva, 1959. 28 p.

MOSCOW—BAKERS AND BAKERIES—TECHNOLOGICAL INNOVATIONS

Bread on a conveyer. M. Gorchakov. Izobr. i rats no. 3 33-34 Mr '60.

MOSCOW—BIBLIOGRAPHICAL EXHIBITIONS

Interesting and beautiful. V. Liakhov. Kul't. i zhizn' 4 no. 2,55 '60.

MOSCOW—BISCUITS

Efficiency promoters of the Moscow "Bol'shevik" biscuit factory striving to raise the technical level of the factory. V.K. Kuznetsova. Khleb. i kond. prom. 4 no. 3 32-34 Mr '60.

MOSCOW—BOARDING SCHOOLS

Role and place of an educator IA Vetrov. Nar obr. no. 6 80-82 Je '60.

MOSCOW—BOOKSELLERS AND BOOKSELLING

Obligations of the Muscovites Sov knizh torg 12 no 3 6 Mr '60

"Soul craves beauty " A Rogov Sov knizh torg 12 no 2 17 F '60

Work of the Moscow "Books by Mail" Section M Leshchinskii Sov knizh torg 12 no 3 44 Mr '60

MOSCOW—BOTANICAL GARDENS

The Main Botanical Garden [with summaries in English, German and French] P I Lapin Vest. sel'khoz nauki 5 no 2 100-105 F '60.

MOSCOW—BUILDING

Competition among Moscow and Leningrad builders. Stroi. i arkhit. Len. 22 no. 3·3 of cover '60.

How we work. N. Silkin. Stroitel' no. 4·9-10 Ap '60.

In the Executive Committee of the Moscow City Soviet. Arkhit. i stroi. Mosk. 8 no. 7 32 Jl '59.

In the Executive Committee of the Moscow City Soviet. Stroi. i arkhit. Mosk. 9 no. 6;3 of cover Je '60

We can and must build high-quality buildings. V.D. Polezhaev. Gor. khoz. Mosk. 34 no. 2,33-35 F '60.

MOSCOW—BUILDING—EXHIBITIONS

The exhibition is a school of the advanced practices of builders. Ekon. stroi. no 3 64-65 Mr '60.

Exhibition of the achievements of Soviet urban development. K. Butuzova. Stroi. i arkhit. Mosk. 9 no. 6 2-3 Je '60.

Exhibition of urban development Arkhit SSSR no 6 62-63 '60

MOSCOW—BUILDING MATERIALS INDUSTRY

Etmekhdzhiian, A. A. [Consolidation and specialization of building organizations and building materials plants in Moscow; practices and economic effectiveness] Ukrupnenie i spetsializatsiia stroitel'nykh organizatsii i predpriiatii promyshlennosti stroitel'nykh materialov v Moskve, opyt i ekonomicheskaia effektivnost'. Moskva, Gos. izd-vo lit-ry po stroit , arkhit. i stroit materialam, 1959. 141 p.

MOSCOW—CHAMBER MUSIC

New works and new performers. V. Andreev Sov. muz. 24 no. 3·129-130 Mr '60.

MOSCOW—CHEMICAL ENGINEERING RESEARCH

Scientific Research Institute of Chemical Engineering. F Berkov Nauka i zhizn' 27 no 3 78-79 Mr '60

MOSCOW—CHEMISTRY—STUDY AND TEACHING

Moscow. Universitet. [Department of Chemistry of Moscow State University] Khimicheskii fakul'tet Moskovskogo ordena Lenina i ordena Trudovogo Krasnogo Znameni gosudarstvennogo universiteta imeni M. V. Lomonosova. [Moskva] 1955. 59 p.

MOSCOW—CHILDREN'S LITERATURE—EXHIBITIONS

At the exhibition of children's books. O. Smekalina. Nar. obr. no. 6 112-113 Je '60.

MOSCOW—CHILDREN'S PLAYS

"The golden key." I. Vasilinina Teatr 21 no. 3 97-98 Mr '60.

MOSCOW—CITY PLANNING

Appeal from the participants of the All-Union Conference on Urban Development of all city builders and workers. Stroi. i arkhit. Mosk. 9 no. 6:1-2 Je '60.

Building along the Krutitskaya and Simonovskaya Quays. M. Siniavskii, I. Vakhutin. Arkhit. i stroi. Mosk. 8 no. 7 16-17 Jl '59.

Chernitsyno - Gol'yanovo. Arkhit. i stroi. Mosk. 8 no. 7 26-27 Jl '59.

Exhibition of planning projects for the southwestern sections of Moscow. Zhil.-kom. khoz. 10 no. 3:14 '60.

Southwestern districts of Moscow. N Ullas. Stroi. i arkhit. Mosk. 9 no. 6;8-11 Je '60.

Tomorrow's look of the southwestern part of Moscow. L. Malinov Znan. sila 35 no. 3:1 Mr '60.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

"The lawbreaker wasn't punished " Part zhizn' no 12 78 Je '60

Our method of study. A. Kachkin. Agitator no. 7;53 Ap '60

MOSCOW—COMMUNITY CENTERS

Activists are in charge of the training program. B Emel'ianov. Sov. profsoiuzy 16 no. 12;33-35 Je '60.

MOSCOW—CONFECTIONERY

Rodionova, L. V., and others. [Shopless organization of the management at the Marat Confectionery Plant in Moscow] Bestsekhovaia struktura upravleniia na moskovskoi konditerskoi fabrike im. Marata. Moskva, Gos. nauchno-issl. in-t nauchn. i tekhn. informatsii, 1959. 31 p. (Obmen otechestvennym opytom)

MOSCOW—CONSERVATORIES OF MUSIC

Talent and boarding school. N. Tarasenkova. Ogonek 38 no. 5·24 Ja '60.

MOSCOW—CONSTRUCTION INDUSTRY

Assembly-line methods are the basis of the organization of housing construction in Moscow. A. Kashirskii. Stroi. i arkhit. Mosk. 9 no 6,29-31 Je '60.

Etmekdzhiian, A. A. [Consolidation and specialization of building organizations and building materials plants in Moscow; practices and economic effectiveness] Ukrupnenie i spetsializatsiia stroitel'nykh organizatsii i predpriiatii promyshlennosti stroitel'nykh materialov v Moskve; opyt i ekonomicheskaia effektivnost'. Moskva Gos. izd-vo lit-ry po stroit , arkhit. i stroit. materialam, 1959. 141 p.

Let's introduce technical improvements and fulfill the seven-year plan ahead of time. Arkhit. i stroi. Mosk. 8 no. 7 1 Jl '59.

Let's meet the objectives in an honorable manner. Stroi. i arkhit. Mosk 9 no. 6;1 Je '60.

Our construction industry should work as efficiently as our industrial enterprises do. V. Storchak. Mol. komm. no. 3 36-44 Mr '60.

So that the Soviet man would say "thank you " A. Gorev Sov profsoiuzy 16 no 10 10-11 My '60.

MOSCOW—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

New forms of labor organization at Moscow construction sites. Sots. trud 5 no. 1 122-127 Ja '60.

Not brigades, but teams. V. Svetlov. Sots. trud 4 no. 12 120-122 D '59.

MOSCOW—CONSTRUCTION WORKERS

Nina Moroz's brigade of communist labor. M. A. Musin. Transp stroi. 10 no 3 8-9 Mr '60

MOSCOW—COSTS, INDUSTRIAL

Every worker should have some knowledge of economics A IAkimenko Agitator no 13 62-63 Jl '60

MOSCOW—DEPARTMENT STORES

Everything for everybody! Ogonek 38 no. 9·13 F '60.

MOSCOW—DESCRIPTION AND TRAVEL

Gorchakov, A. S. [A walk along the Moscow River] Progulka po Moskve-reke. [Moskva] Izd-vo "Rechnoi transport," 1960. 43 p.

MOSCOW—DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

We will march to the victory of communist labor. S. Greytsev. NTO 2 no. 4:24-25 Ap '60.

MOSCOW—ECONOMICS—STUDY AND TEACHING

Economic conferences in the Frunze District of Moscow. A. Maslennikova Vop ekon. no. 6·133-135 Je '60.

MOSCOW—EDUCATION

First results of the reorganization of Moscow schools. A. I. Shustov. Sov. pedag. 24 no. 3;0-25 Mr '60.

MOSCOW—EFFICIENCY, INDUSTRIAL

Efficiency promoters of the local industry. T. N. Potemkina. Gor. khoz. Mosk. 34 no. 2 36-38 F '60.

MOSCOW—ELECTRIC INDUSTRIES

Following Il'ich's legacy. V. Konakhov. NTO 2 no. 4: 13-15 Ap '60.

MOSCOW—ELECTRIC INDUSTRIES—TECHNOLOGICAL INNOVATIONS

Here Il'ich made a speech. P. Arzamastsev. Izobr. i rats. no. 4·6-7 Ap '60.

MOSCOW—ELECTRIC LIGHTING

Activity of the Illumination Engineering Section of the Moscow Scientific Technical Society of the Power Industry in 1959. G I. Ashkenazi. Svetotekhnika 6 no 3 23-25 Mr '60.

MOSCOW—ELECTRIC RAILROADS

Tomfel'd, L. P. [The work practice of communist labor brigades at an electric railroad terminal] Opyt raboty brigad kommunisticheskogo truda v elektrodepo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960 26 p.

Possibilities for economizing electric power used for municipal needs. N. S. Maksimov. Gor. khoz. Mosk. 34 no. 2:17-18 F '60.

MOSCOW—EVENING AND CONTINUATION SCHOOLS

The ninth department. V. Dubinskii. Smena 37 no. 2;10 Ja '60.

MOSCOW—EXHIBITIONS

Celebration of young technicians. IUn. tekh. 4 no. 2· 26-27 F '60.

Color television at the Exhibition of Achievements of the National Economy of the U S S R. Elektrosviaz' 14 no 3 68-72 Mr '60

Comrade Simice talks. K. Vishnevetskii Smena 37 no 8,28-29 Ap '60

Exhibition "Czechoslovakia in 1960." Vest. mash 40 no 4 83 Ap '60

Exhibition "French Measures" in Moscow. Izm. tekh. no. 2;62 F '60.

Exhibition of the Achievements of the National Economy of the U. S. S. R. has been opened. Arkhit. i stroi. Mosk. 8 no. 7:2 Jl '59.

The Fourth Finnish Industrial Exhibition in Moscow. O. Gerold. Vnesh. torg. 30 no 6·27-28 '60

Great success. A. Morozov. Vnesh. torg. 30 no. 6: 11-13 '60

"Made in Hungary " D Khodosov. Nauka i zhizn' 27 no 3 66 Mr '60.

Unforgettable days. A. Kheifets. Prom. koop. 14 no. 4 3 Ap '60.

Who's going to the exhibition? I. Drozdov. IUn nat no 5 27-29 My '60

MOSCOW—FACADES

External appearance of the capital. V. Luk'ianov. Stroi. i arkhit. Mosk. 9 no. 6;12-15 Je '60.

MOSCOW—FROZEN GROUND—STUDY AND TEACHING

Training of specialists in permafrost research at the Moscow University. V. A. Kudriavtsev. Vest. Mosk un. Ser. biol., pochv., geol., geog. 14 no. 4;247-248 '59.

MOSCOW—FURNITURE—EXHIBITIONS

Equipment and furnishings for public buildings Arkhit SSSR no 3 61-62 '60

MOSCOW—FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES

Paste for removal of oil during polishing. N. I. Goshunov. Der. prom. 9 no. 3;18 Mr '60.

MOSCOW—HIGHWAY TRANSPORT WORKERS

Highway transport workers of the capital carry out their pledge. Avt transp 38 no. 2 6-7 F '60.

MOSCOW—HISTORICAL MUSEUMS

In the State Historical Museum. A. V. Koroleva, T. N. Sidorova. Vop. ist. no. 6·202-207 Je '60

MOSCOW—HOUSING

[Bulletin for exchange of living quarters.] Biulleten' po obmenu zhiloi ploshchadi no. 44 Je '60.

MOSCOW—INDUSTRIAL RELATIONS

An exciting topic. I. Itelson. Agitator no. 7;41-43 Ap '60.

Our common task. I. Krysanov. Agitator no. 8;57-58 Ap '60.

MOSCOW—INDUSTRIES

This is you, Moscow! A. Litvak. Moskva 4 no. 1·3-10 '60

MOSCOW—KREMLIN

Conducting restoration and repair work in the Kremlin. N. N. Zakharov. Gor. khoz. Mosk. 34 no. 2:26-28 F '60.

MOSCOW—LANDSCAPE GARDENING

Improvement of public areas in Sokolniki District. V. M. Zimin. Gor. khoz. Mosk. 34 no. 2;6-9 F '60.

MOSCOW—LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Good initiative. Inostr. iaz. v shkole no. 1.9 Ja-F '60.

MOSCOW—MACHINE ACCOUNTING

First year of work of the machine accounting service center of the Central Statistical Administration of the R. S. F. S. R. under business accounting conditions. E. Starosel'skii, D. TSagareli. Vest. stat. no. 3,61-62 '60.

MOSCOW—MACHINERY INDUSTRY

Second year of the seven-year plan at a plant. V. Bitunov. Sots. trud 5 no. 1;99-104 Ja '60.

MOSCOW—MACHINERY INDUSTRY—PRODUCTION STANDARDS

A regional economic council and the economy and regulation of work norms. V. Khokhlov, Kh. Gordon. Sots. trud 5 no. 1:105-108 Ja '60.

MOSCOW—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

At a plant manufacturing automatic production lines. A.Shpigel'. NTO 2 no. 3:10-11 Mr '60.

MOSCOW—MANUFACTURES

Shifts became shorter. M. Moro. Prom. koop. 14 no. 4: 10-11 Ap '60.

MOSCOW—MATHEMATICAL SOCIETIES

Sessions of the Moscow Mathematical Society. Usp. mat. nauk 15 no. 1:235-236 Ja-F '60.

Summary of papers submitted to the board of Directors of the Moscow Mathematical Society and accepted by it. Usp. mat. nauk 15 no. 1:237-246 Ja-F '60.

MOSCOW—MEDICAL JURISPRUDENCE

Concerning a painting by A. Vasnetsov. Sud.-med. ekspert. 2 no. 2.34-35 Ap-Je '59.

MOSCOW—MILITARY EDUCATION

Moscow. Voennaia akademiia imeni M. V. Frunze. [Forty years of the M. V. Frunze Military Academy] Sorok let Voennoi akademii imeni M. V. Frunze. Moskva, Voen. izd-vo M-va obor. SSSR, 1958. 311 p.
(NNC)

MOSCOW—MILITARY MUSIC—STUDY AND TEACHING

Students of the Suvorov school. G. Vokhmianin. Smena 37 no. 4·9 F '60.

MOSCOW—MOTION-PICTURE AUDIENCES

By request of the movie-goers. Isk. kino no. 6:140-141 Je '60.

MOSCOW—MOTION-PICTURE THEATERS

First circular panoramic motion-picture theater. V. Shul'tin. Arkhit. i stroi. Mosk. 8 no. 7:28-29 Jl '59.

MOSCOW—MOTION PICTURES IN EDUCATION

Introduction of educational motion pictures in Moscow technical schools. IU. A. Lipskii. Sred. spets. obr. 7 no. 1:40-42 Ja '60.

MOSCOW—MOTORCYCLE RACING

The Chkalov prize. G. Afremov. Za rul. 18 no. 2:12-13 F '60.

MOSCOW—MUNICIPAL SERVICES

In the Executive Committee of the Moscow Soviet. Gor. khoz. Mosk. 34 no. 2:39 F '60.

MOSCOW—MUSIC MUSEUMS

In the youngest museum of Moscow. I. Faddeeva. Sov. muz. 24 no. 3:41-44 Mr '60.

MOSCOW—NEWSPAPERS

Striving for high standards of newspaper production. P. A. Rusakov. Poligr. proizv. no. 2:21-22 F '60.

MOSCOW—NUCLEAR RESEARCH

Attacking the microcosm. V. Orlov. Ogonek 38 no. 11:8 Mr '60.

MOSCOW—OFFSET PRINTING

Practices of the offset department of the First Model Printing House. N. A. Perchikhina. Poligr. proizv. no. 4:22 Ap '60.

MOSCOW—OPERA

"Betrothal in a cloister." R. Shaverdian. Sov. muz. 24 no. 3·95-97 Mr '60.

Tamino is setting out... (performances of the Komische Oper). M. Sokol'skii. Teatr 21 no 3:177-183 Mr '60.

"War and peace." A. Karpov Teatr 21 no 3:83-84 Mr '60

Young voices. I. Kuznetsova. Ogonek 38 no. 19:17 My '60.

MOSCOW—OPERETTA

"Simple lass." Vl. Simonov. Sov. muz. 24 no. 3:88-95 Mr '60.

MOSCOW—PAINTINGS—EXHIBITIONS

Artists of the theater work "for themselves." I. Uvarova. Teatr 21 no. 3:163 Mr '60

MOSCOW—PENSIONERS—SOCIETIES, ETC.

Unnecessary centralization. Sots. obesp. 21 no. 2:42 F '60.

MOSCOW—PHOTOGRAPHY—EXHIBITIONS

Paris in Moscow. Roman Carmen. Kul't. i zhizn' 4 no. 4:55-57 '60.

MOSCOW—PIPELINES

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Combined laying of pipes; practices of the Administration for Building Underground Structures in Moscow] Sovmeshchennaia prokladka truboprovodov; opyt Upravleniia po stroitel'stvu podzemnykh sooruzhenii v Moskve. Moskva, 1959. 20 p.

MOSCOW—PLANETARIA

The universe under a cupola. V. Vazykin. Nauka i rel. no. 3:83-84 N '59.

MOSCOW—POLICE PATROL

Is it useful? Is it possible? It certainly is. A. Chukalin. Sov. iust. no. 2·47-49 F '60.

MOSCOW—POLICEWOMEN

Cook and policewoman. D. Aleksandrov. Obshchestv. pit. no. 3·41 Mr '60.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee.] Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta no. 2 Ja '59, no. 14 Jl '60.

[Bulletin of the Moscow Executive Committee.] Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta no 8 Ap '59; nos 10-11 My-Je '60.

[Bulletin of the Moscow Executive Committee.] Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta no. 13 Jl '60.

MOSCOW—POSTAL SERVICE

The Moscow post office is operating on a 7-hour workday. G N. Smirnov Vest sviazi 20 no. 3 23-25 Mr '60

MOSCOW—PRINTING INDUSTRY

Work of efficiency promoters and inventors of the Moscow printing industry. Poligr. proizv. no. 4:20-22 Ap '60.

MOSCOW—PUBLIC HEALTH

Solicitude for the health of the people. Gor. khoz. Mosk. 34 no. 2:10-11 F '60.

MOSCOW—RADIO

Followers of a good start Vest sviazi 20 no 3 27 Mr '60.

MOSCOW—RAILROADS—COMMUTING TRAFFIC

Russia (1923- U.S.S.R.) Glavnoe passazhirskoe upravlenie. [Timetable of Moscow-Dmitrov-Dubna suburban trains on the Savelovo line of the Moscow Railroad] Raspisanie dvizheniia prigorodnykh poezdov Moskva - Dmitrov - Dubna, Savelovskaia liniia Moskovskoi zh. d.; leto 1960 goda. [Moskva] Transzheldorizdat [1960] 39 p.

MOSCOW—RAILROADS—EMPLOYEES

At the sources. O. Shmelev. Ogonek 38 no. 18:20-21 My '60.

MOSCOW—RAILROADS, INDUSTRIAL

Studying the work of a railroad workshop. V. Udovichenko. Biul. nauch. inform.: trud i zar. plata 3 no. 6 26-31 '60.

MOSCOW—REFUSE AND REFUSE DISPOSAL

Urgent objectives in improving sanitary conditions in the city of Moscow. N. F. Guliaev. Gor. khoz. Mosk. 34 no. 2.3-5 F '60.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

Customers give their appraisals. IA. Magidov. Obshchstv. pit. no. 3·17-18 Mr '60.

Duty of a Communist. F. Viktorov. Obshchestv. pit. no. 2:4-6 Mr '60.

Great, glorious path... R. Bikke. Obshchestv. pit. no. 3:10-12 Mr '60.

Moscow-Sortirovochnaya railroad station L. Maipletkova Ovshchestv. pit. no 4:9-11 Ap '60.

That's the Communist Youth League's way. P. Nikitin. Obshchestv. pit. no. 3:7-9 Mr '60.

Workers feel really cared for. D. Arkad'ev. Obshchestv. pit no. 4·12-15 Ap '60.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

Cook and policewoman. D. Aleksandrov. Obshchestv. pit. no. 3:41 Mr '60.

MOSCOW—REVOLUTION, 1917-1921

At the memorial plaques of the capital. Vl. Ishimov, K. Nikolaev. Moskva 4 no. 2:156-173 '60.

MOSCOW—ROAD CONSTRUCTION

Improvement of public areas in Sokolniki District. V. M. Zimin. Gor. khoz. Mosk. 34 no. 2:6-9 F '60.

MOSCOW—SELF-SERVICE STORES

Make wider use of new techniques in retail trade. L. V. Deribin. Gor. khoz. Mosk. 34 no. 2:12-16 F '60.

MOSCOW—SHOW WINDOWS

External appearance of the capital. V. Luk'ianov. Stroi. i arkhit. Mosk. 9 no. 6:12-15 Je '60.

MOSCOW—SINGERS

Singers' appearances. V. Zak, E. Dobrynina. Sov. muz. 24 no. 3:123-127 Mr '60.

MOSCOW—SOCIALIST COMPETITION

[Let us make a worthy contribution to technological progress] Vnesem dostoinyi vklad v tekhnicheskii progress. [Moskva] Mosk. rabochii, 1960. 71 p. (V pomoshch' agitatoru i propagandistu)

[Moscow - Leningrad] Moskva—Leningrad. [Moskva] Mosk. rabochii, 1960. 37 p.

MOSCOW—STEEL INDUSTRY

The important thing is to keep in contact with life. I. Chikhachev, N. Chesnokov. Sov. profsoiuzy 16 no. 12,29-32 Je '60.

MOSCOW—STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

Realization of a dream. E. Kontseevaia, N. Podvoiskii. NTO 2 no. 4:20-21 Ap '60.

MOSCOW—STORES, RETAIL—LIGHTING

Let's use electricity wisely and economically. A. Zakharin. Sov. torg. 33 no. 3:31-33 Mr '60.

MOSCOW—STREETCARS

Workers of the groups of communist labor. A. Timofeev. Zhil.-kom. khoz. 10 no. 4:14-16 '60.

MOSCOW—SUBWAYS

The earth mass is attacked. Ogonek 38 no. 16:30-31 Ap '60.

Work and rest schedule of subway workers on the night shift. G. Gambashidze, V. Solov'eva. Biul. nauch. inform.: trud i zar. plata 3 no. 2·33-35 '60.

MOSCOW—SUBWAYS—HYGIENIC ASPECTS

In an underground city. V. B Khudyi, I. A. Tarakanov Zdorov'e 6 no 5 25 My '60.

MOSCOW—SUGAR MACHINERY

Screw or belt conveyer. L. V. Frampol'. Sakh. prom. 34 no. 3,47 Mr '60.

MOSCOW—SURGICAL SOCIETIES

Minutes of session No. 1692 of the Moscow and Moscow Province Surgical Society on May 22, 1959. Khirurgiia 35 no. 12 117-122 D '59.

Minutes of session No. 1693 of the Moscow and Moscow Province Surgical Society on June 12, 1959. Khirurgiia 35 no. 12·123-126 D '59.

Minutes of session No. 1694 of the Moscow and Moscow Province Surgical Society on June 26, 1959. Khirurgiia 35 no. 12:126-129 D '59.

MOSCOW—SYMPHONY ORCHESTRAS

Symphony concerts in the Great Hall of the Conservatory. A. Medvedev, G. IUdin. Sov. muz. no. 3·120-121 Mr '60.

MOSCOW—TEACHERS, TRAINING OF

Help given to Russian language teachers in the Moscow Province Institute for Teacher Improvement. N. L Khersonskaia. Rus. iaz. v shkole 21 no. 2:117-119 Mr-Ap '60.

MOSCOW—TECHNICAL EDUCATION—EXHIBITIONS

Contribution of the scientists in institutions of higher learning to technical progress; from the Exhibition of the Achievements of the National Economy. E. Evgen'ev. Vest. vys. shkoly 18 no. 7:36-40 Jl '60.

MOSCOW—TECHNOLOGICAL INNOVATIONS

[Let us make a worthy contribution to technological progress] Vnesem dostoinyi vklad v tekhnicheskii progress. [Moskva] Mosk. rabochii, 1960. 71 p. (V pomoshch' agitatoru i propagandistu)

MOSCOW—TELEPHONE DIRECTORIES

Moscow. Gorodskaia telefonnaia set'. [Moscow telephone directory] Spisok abonentov Moskovskoi gorodskoi telefonnoi seti. Moskva, Izd. upr. Mosk. gor. telefonnoi seti.
Pt. 2. [Residential list for 1960] Kvartirnye telefony 1960. 1960. 927 p.

MOSCOW—TESTING LABORATORIES

Example given by the scientists of the plastics laboratory of the Moscow City Economic Council. V. N. Lymzin. Plast. massy no. 1:2 '60.

[illegible]

Second Moscow city conference of the trade union. Zhil.-kom.khoz. 10 no.4:33 '60

MOSCOW—TRANSPORTATION, AUTOMOTIVE

Childrens' bus route. L. Berman. Kul't.-pros rab. 21 no 2 32-35 F '60.

Operational efficiency of motor vehicles is higher that that suggested for the end of the seven-year plan K Matveev, Sh Mogilevskii Avt transp 38 no 3 8-9 Mr '60

Starting the second year of the seven-year plan G Prasolov Avt transp 38 no 3 6-8 Mr '60

MOSCOW—TROLLEY BUSES

Workers of the groups of communist labor. A. Timofeev. Zhil.-kom.khoz. 10 no.4.14-16 '60

MOSCOW—TUNNELING

Using compressed air in tunneling N.F Karasev, I.M. IAkobson Transp stroi 10 no.1 17-19 Ja '60.

MOSCOW—TUNNELING—EQUIPMENT AND SUPPLIES

Mechanized tunneling using light-gauge heading machines. A G. Kirillov, L. A. Bliakher. Gor.khoz.Mosk. 34 no. 2:28-32 F '60.

MOSCOW—UNIVERSITIES AND COLLEGES

Moscow invites you. Sov. Soiuz. no.5 54 '60.

Organization of the University of Peoples' Friendship. Meteor. i gidrol. no.6:50 Je '60.

University of Friendship of Peoples. L.N Solov'ev. Sov. profsoiuzy 16 no.8:17-18 Ap '60

With imagination and generosity. Ogonek 38 no.11 15-16 Mr '60.

MOSCOW—WATER-SUPPLY ENGINEERING

Development of the water-supply system in the capital. V. I. Markizov. Gor. khoz. Mosk. 34 no 2:18-19 F '60.

MOSCOW BASIN—MINE TIMBERING

Fields of use for powered "Mosbass" supports in Moscow Basin mines N. D. Balashov. Izv. vys. ucheb zav., gor. zhur. no.1 7-13 '60.

MOSCOW BASIN—STRIP MINING

Separate mining of complex structure coal seams in open pit mines of the Moscow Basin. V. A. Ovchinnikov. Ugol' 35 no 3,19-24 Mr '60.

MOSCOW GOVERNMENT—AGRICULTURE, COOPERATIVE

Agricultural cooperation of the Moscow Government, 1921-1930. I. V. Anokhin. Nauch. dokl. vys. shkoly, ist nauki no.1,17-32 '60.

MOSCOW PROVINCE—AGRICULTURAL RESEARCH

By joint efforts. A. Kuimov. NTO 2 no.3:52 Mr '60.

MOSCOW PROVINCE—AGRICULTURE

Assistance by specialized groups to village workers G Podel'shchikov Sov. profsoiuzy 16 no 10 42-44 My '60

Kosolapov, N. I. [Competition between two provinces] Sorevnovanie dvukh oblastei. [Moskva] Mosk. rabochii, 1959. 75 p.
(DA)

Why we should make fuller use of hidden potentialities on collective and state farms. A. Andreevskii. Otv. na vop trud. no.111:3-8 '60.

MOSCOW PROVINCE—AGRICULTURE—LABOR PRODUCTIVITY

Increase of production intensity and labor productivity on collective farms Dzh Abramov Ekon sel'khoz 31 no 2:93-100 F '60

MOSCOW PROVINCE—COLLECTIVE FARMS

How builders change the appearance of collective farm villages. A. Baryshev. Otv. na vop. trud. no.109:34-40 '59.

MOSCOW PROVINCE—CONSTRUCTION INDUSTRY—FINANCE

Formation of working capital in construction. L. TSimmerman. Nauch. dokl. vys. shkoly, ekon. nauki no.1. 73-79 '60

MOSCOW PROVINCE—EGGS—MARKETING

Encouraging results. K. Tret'iakov. Sov. potreb. koop. 4 no.3:69 Mr '60.

MOSCOW PROVINCE—ELECTRIC POWER DISTRIBUTION

How we economize electric power. V. Alekseev. Zhil.-kom. khoz. 10 no.3:23-25 '60.

MOSCOW PROVINCE—FIRE PREVENTION—STUDY AND TEACHING

Problems of fire prevention discussed in the local press. V. Shutov. Pozh. delo 6:14 Je '60.

MOSCOW PROVINCE—GEOGRAPHY

Moscow Province. B. A. Kondrat'ev, A. M. Nizova. Nach shkola 28 no.2:93-96 F '60

MOSCOW PROVINCE—GRAIN ELEVATORS—EQUIPMENT AND SUPPLIES

Establishing year-round maintenance of machinery and equipment at grain procurement stations and centers of Moscow Province F Pen'kovskii, G Misarenko Muk.-elev prom 26 no 2 6-8 F '60

MOSCOW PROVINCE—LIBRARIES

In order that libraries become bulwarks of the party G Podel'shchikov Klub 9 no 1 22-24 Ja '60

MOSCOW PROVINCE—MUSHROOMS, EDIBLE

Studying the chemical composition of certain types of little known edible mushrooms of the Moscow area. A. V. Vasil'ev. Sbor. nauch rab. INKH no 16:231-240 '59

MOSCOW PROVINCE—RECREATION AREAS

Recreation zone on the shores of the Kiyazmino Reservoir. L. Karlik. Stroi. i arkhit Mosk. 9 no.6:24-27 Je '60.

MOSCOW PROVINCE—STANDARDIZATION

Standardization team at a plant. S. S. Goppen. Standartizatsiia 24 no.3:43-44 Mr '60.

MOSCOW PROVINCE—VEGETABLE TRADE

Encouraging results. K. Tret'iakov. Sov. potreb. koop. 4 *no.3:69 Mr '60.*

MOSCOW REGION—PAVEMENTS

Using rough surface finish on roads of the Moscow highway system A. I. Anurova Avt dor. 23 no 3 21 Mr '60.

MOSCOW RIVER—INLAND WATER TRANSPORTATION

Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Sailing schedule from the Moscow Northern River Station for 1960] Raspisanie dvizheniia sudov ot Moskovskogo Severnogo rechnogo vokzala na 1960 god Moskva, Izd-vo "Rechnoi transport," 1960. 71 p.

MOSCOW UNIVERSITY

Moscow. Universitet. [Department of Chemistry of Moscow State University] Khimicheskii fakul'tet Moskovskogo ordena Lenina i ordena Trudovogo Krasnogo Znameni gosudarstvennogo universiteta imeni M. V. Lomonosova. [Moskva] 1955. 59 p.

MOSCOW UNIVERSITY—ENTRANCE REQUIREMENTS

Moscow. Universitet. [Handbook for admission to Moscow University in 1960] Spravochnik dlia postupaiushchikh v MGU v 1960 godu. Pod *red.* K. I. Ivanova. [Moskva] 1960. 173 p.

MOSQUITOES see subdivision under Uzbekistan, Vladimir Province

MOSSES

(see also subdivision under Apsheron Peninsula)

Systematics of the section Bryoidium C. Müll. of the genus Fissidens Hedw. V M. Mel'nychuk. Ukr. bot. zhur. 17 no.1 67-75 '60

MOTH FLIES see subdivision under Kirghizistan

MOTHERS

My dear mother Oleksandr Luk'ianenko Ukraina no 5 6 Mr '60

N. K. Krupskaia about the role of a mother. A. Sergeeva. Sem'ia i shkola 15 no.3:5-6 Mr '60.

Stars of Konstantinov family. IA. Mileiskii. Ogonek 38 no 19:26-27 My '60.

MOTHS—*BIOLOGICAL CONTROL*

"Milk" disease in caterpillars of the Siberian silkworm (Dendrolimus sibiricus) [with summary in English]. A B Gukasian Izv AN SSSR Ser biol no 2:291-293 Mr-Ap '60

MOTION

Integrability of equations of the motion of a heavy solid body secured at one point. V. T. Dubasov. Trudy MATI no 41 42-46 '59

Integration of equations *for the motion of* systems moving under the effect of forces linearly dependant on velocity. Sh. A. Gumerov Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no.6 5-13 '59.

MOTION-PICTURE AUDIENCES see subdivision under Moscow, Zaporozh'ye

MOTION-PICTURE CAMERAS

Expanding the operational possibilities of the SKS-1 motion-picture camera S. V. Ryllo. Usp nauch. fot 6 141-144 '59

Light sources for high speed motion-picture cameras N N. Ogurtsova, I V. Podmoshenskii. Usp. nauch. fot. *6 58-61 '59*

Ultrahigh-speed motion-picture camera with a frequency of 200,000 frames per second I I. Kryzhanovskii Usp nauch fot 6 139-140 '59

MOTION-PICTURE INDUSTRY

(see also subdivision under Germany, West, Italy, Minsk)

A ribbon that engirdled the whole world. Ogonek 38 no.9 13-14 F '60.

MOTION-PICTURE PHOTOGRAPHY

What should be known about film. E. Iofis. Isk. kino no 6:145-150 Je '60.

MOTION-PICTURE PHOTOGRAPHY—DICTIONARIES

Sakharov, A. A. [Anglo-Russian dictionary of photography and cinematography] Anglo-russkii slovar' po fotografii i kinematografii Pod red E. M. Goldovskogo. Moskva, Glav. red. inostr. nauchno-tekhn slovarei Fizmatgiz, 1960. 395 p.

MOTION-PICTURE PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Investigating the movement of bed load by high-speed microcinematography. TS. E. Mirtskhulava. Izv. AN SSSR. Ser. geofiz. no.6 879-881 Je '60.

Use of high-speed cinematography in investigating the shutters of aerial cameras IU N Kuznetsov Izv vys ucheb zav., geod i aerof no 2 105-109 '60

MOTION-PICTURE PHOTOGRAPHY, HIGH SPEED

Effective light pulse duration. L. V. Vasil'ev, Y A. Shmatov Usp nauch fot 6 113-115 '59

Grid method of high-speed motion-picture photography. O F. Grebennikov. Usp nauch fot 6 115-151 '59

Optical accelerators and a new optical system for high speed motion-picture cameras L. A. Samarov Usp nauch. fot 6 121-130 '59

Photographic materials for high-speed photography and cinematography IU N Gorokhovskii. Usp nauch fot 6 172 '59

Ultrahigh-speed cinematography in the investigation of surface boiling of fluids G G. Treshchev Usp nauch fot 6 213-214 '59

Ultrahigh-speed motion-picture camera with a frequency of 200,000 frames per second I I Kryzhanovskii Usp *nauch fot, 6,139-140 '59*

Use of high-speed cinematography with a pulse light source in the investigation of the aerodynamics and stability of rotating parts of airplanes. A. I Khokhlov Usp nauch fot. 6,201 '59

Use of ultrahigh-speed cinematography in the investigation of phenomena occurring in the acoustic field of fluids L O. Makarov. Usp nauch. fot 6 211 '59.

Using high-speed cinematography for investigating aerodynamic and combustion processes. S. V Iliukhin Usp nauch. fot 6:212 '59

Vibration measurement by means of high-speed cinematography. Kh Z. Regel'man. Tekst. prom 20 no.2:50-51 F '60.

MOTION-PICTURE PHOTOGRAPHY, HIGH SPEED—LIGHTING

Light sources with continuous radiation for high-speed motion-picture photography V G Pell' Usp nauch fot 6 7-13 '59

MOTION-PICTURE PLAYS

(see also subdivision under Armenia; Bulgaria; France, Germany, East, Italy, Japan; Lithuania; Ukraine; United States)

Anniversary present. I. Kheifits. Smena 37 no.2:12-13 Ja '60.

"Ballad about a soldier." I. Kozlova. Agitator no.5 61-62 Mr '60.

[*Ballad of a soldier*] Ballada o soldate. [Moskva] Biuro propagandy Sovetskogo kinoiskusstva, 1959. 1 v.

"Baltic skies." IU. Stepanov. Sov mor. 29 no.9 22 My '60.

By special order. Vera Shitova. Isk. kino no.6:33-36 Je '60.

Editor's mail. Vsem. stud. nov. 14 no.2:24 F '60.

Historical calendar of motion pictures. S. Shuster. Isk. kino no.6,157 Je '60.

History comes alive on the screen. S. Morozov. Ogonek 38 *no.12-7 Mr '60.*

In the guise of something new. R. Zuseva. Isk. kino no.6:29-32 Je '60.

In the historical 17th, ... S. Semenov. Smena 37 no 1 9 Ap '60.

Inspiring motion picture V. Kuznetsov Mystetstvo 7 no 1 4-5 Ja-F '60.

"Man's fate", a Soviet film. Zhen. mira no.11 30 '59.

Notes about foreign motion pictures and their showing B. Kryzhanivs'kyi Mystetstvo 7 no 1 37-39 Ja-F '60

One and thirteen. Bor. Medvedev. Isk. kino no.6:11-14 Je '60.

The power of truth. Mystetstvo 7 no 1 25-27 Ja-F '60

"Problems of motion-picture script writers." Reviewed by S. Ginzburg. Isk. kino no.6:127-131 Je '60.

Regrettable duel. Z. Finitskaia. Isk. kino no.6:14-16 Je '60.

See these films Sots kul't 11 no 3:30 Mr '59

See these films Sots. kul't. 13 no 2 43 F '60.

See these films. Sots. kul't. 13 no.3:45 Mr '60.

"What is new in the East?" M. Palliero. Kul't. i zhizn' 4 no.3:54-55 '60.

When a film is richly endowed. Ian Bereznitskii. Isk. kino no.6:24-28 Je '60.

MOTION-PICTURE THEATERS see subdivision under Moscow, Zaporozh'ye Province

MOTION-PICTURE THEATERS—VENTILATION

Model tests of fundamental ventilation schemes for the auditorium of a motion-picture theater with the main floor and balcony designed to seat 1600 people A L Altymova Vod i san tekh no 4 12-16 Ap '60

MOTION PICTURES
(see also subdivision under Africa, Ukraine)

After the plenum. Fridrikh Ermler. Isk.kino no.6. 14-20 Je '60.

Artificial and genuine. S.Gerasimov. Isk.kino no.6. 4-13 Je '60.

Brief notes. Isk.kino no.6:143-144 Je '60.

From the editor's mailbox. Isk.kino no.6 156 Je '60.

Homemade film studio. F.Timiriazev. Kul't.-pros. rab. 21 no.3:41 Mr '60

How they dub motion pictures into other languages H Myslavs'kyi Sots kul't 11 no.3 37-39 Mr '58

A keen viewpoint. IU.Martynenko. Isk.kino no.6: 150-151 Je '60.

Old? No, new! M.Sul'kin. Isk.kino no.6:54-55 Je '60.

Were the "great silent" films effective? Khr.Khersonskii. Isk.kino no.6:132-138 Je '60.

MOTION PICTURES—LIGHTING

Determining the capacity of a lighting unit for narrow-film motion-picture photography under laboratory conditions. F.A.Opeiko. Sbor.nauch trud.Bel.politekh.inst. no.75 68 70 '59.

MOTION PICTURES—PLOTS, THEMES, ETC.—RELIGION

On the question of anathema. G.Rykim Nauka i rel. no.3 59-62 N '59.

MOTION PICTURES—SCIENTIFIC APPLICATIONS

Experimental investigation of the entry of a body into water A M Rushailo Usp nauch fot 6 207-210 '59

MOTION PICTURES, DOCUMENTARY

Against religious stupefaction. V.Kuznetsov. Isk.kino no.6:51-52 Je '60.

Following events or plunging into the depths of problems? Oleg Pisarzhevskii. Isk.kino no.6,122-126 Je '60.

From facts to art. I.Rachuk. Isk.kino no.6:107-113 Je '60.

Long overdue. V.Andon. Isk.kino no.6:130-140 Je '60.

Motion-picture festival on the theme "Broaden the road to technical progress." V.Gorozhankin. Kul't.-pros. rab. 21 no.3:34-35 Mr '60.

New documentary motion pictures. Sred spets.obr. 7 no 1 59 Ja '60.

Reason wins. Isk.kino no.6 1-3 Je '60.

Thrilling film story Nauka i zhizn' 27 no 3 40 Mr '60

What, how, why? I.Vasil'ev. Klub 0 no.2:28-29 F '60.

Why Aleksandr Koval'chuk is singled out. R.Grigor'ev. Isk.kino no.6:114-121 Je '60.

MOTION PICTURES IN AGRICULTURE
(see also subdivision under Babanka District)

Investigating the flight trajectory of grains by the method of ultrahigh-speed cinematography. A.A Kukibnyi Usp nauch fot. 6 203-205 '59

Using ultrahigh-speed cinematography for studying the mechanization of tea leaf picking I. I Markarov Usp nauch.fot 6.206 '59.

MOTION PICTURES IN EDUCATION
(see also subdivision under Moscow)

Applications of high-speed photography in institutions of higher learning. B.V Kubeev Usp nauch.fot 6 215-217 '59.

Motion pictures about V.I.Lenin in schools. G.E.Vygon. Prep.ist.v shkole 15 no 2:52-54 Mr-Ap '60.

New motion pictures on geography. I.IA.Melamedov. Geog.v shkole 23 no.2:75-77 Mr-Ap '60.

Review and discussion of the motion picture "Mishka Strekachev's extraordinary journey." N.V.Goncharova. Nach.shkola 28 no.2 62-63 F '60.

Stress geographical motion pictures. N.Matveev. Vokrug sveta no.3.12 Mr '60.

There is a break. V.Bokshitskaia. Vokrug sveta no.4: 16 Ap '60.

Traveling on the screen. V.Shneiderov. Vokrug sveta no.3:10-11 Mr '60.

The utilization of motion pictures for foreign language instruction at higher language schools. V.A.Dashevskaia. Uch.zap.MGPIIIA 22:127-130 '59.

MOTION PICTURES IN HEALTH EDUCATION

Can't it be a little quieter? V R Nikolaev. Zdorov'e 6 no 5 32 My '60.

MOTION PICTURES IN INDUSTRY

Application of high-speed motion-picture photography for the investigation of the machining of the components of precision instruments N I.Ryndenkov Usp nauch fot 6 173 '59.

High-speed cinematography as a method for the investigation of metal coating formation S R Zhukovskii, V K. Pereverzev. Usp nauch fot 6 175-179 '59.

Stereorecording used in investigating fuel consumption processes in engines. IU.B Sviridov, E B Shatrov, E K.Korsi. Avt.prom. no.4;14-16 Ap '60

MOTION PICTURES IN MINING

Investigating the mechanism of the fragmentation of rods under the action of an impact wave using the high speed cinematography method A N Khanukaev Usp nauch fot 6 180-182 '59

Some results of investigating the hydraulic giant jet by means of high-speed cinematography. L P Severin Usp nauch fot 6 183-184 '59

MOTION PICTURES IN SCIENCE

"Meetings with a devil." A.Zguridi. Ogonek 38 no.12:14 Mr '60.

MOTOR SCOOTERS

The "Viatka" motor scooter in 1960. V.Beliakov. Za rul. 18 no.2:18-19 F '60.

MOTOR SLEDGES

By aerosleigh over snow-covered land. B.Abramov. IUn.tekh. 4 no.3,49-54 Mr '60.

MOTOR VEHICLES

Conference on special-purpose vehicles. Avt transp 38 no 2 56-57 F '60.

News of automobile engineering abroad Avt.transp 38 no 3 60 Mr '60

News of automobile engineering abroad. Za rul. 18 no.2:26-27 F '60.

News of foreign automobile engineering Avt transp 38 no 2 62 F '60

Readers' letters Avt transp 38 no.2 53 F '60

Reduce norms for the amortization period of motor-vehicle operation L. Olenin Avt.transp 38 no 3 25 Mr '60

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—BRAKES

Comparative evaluation of properties of motor-vehicle braking systems. IU.B.Belen'kii. Sbor.nauch.trud. Bel.politekh.inst. no.72:30-44 '59.

MOTOR VEHICLES—COLD WEATHER OPERATION

Movable heating units R Grakhovskii. Avt transp 38 no 3 21-22 Mr '60

MOTOR VEHICLES—DYNAMICS

Analyzing kinematic diagrams of motor-vehicle turns. B.E.Mitin. Sbor.nauch.trud.Bel.politekh.inst. no.72: 3-20 '59.

Determining accelerations by an accelerometer equipped with strain gauges. S.P.Kravchuk. Sbor.nauch.trud. Bel.politekh.inst. no.72:45-52 '59.

Traction properties of a gas-turbine motor vehicle B S Fal'kevich, A P Kuznetsov. Avt prom. no 3 10-14 Mr '60

MOTOR VEHICLES—ENGINES

Performance of a carburetor engine under unsteady conditions G N Zlotin Avt prom no 3 8-10 Mr '60

MOTOR VEHICLES—ENGINES—CYLINDERS

Increasing the wear resistance of engine cylinders R V Kugel' Avt prom. no.3 1-5 Mr '60.

MOTOR VEHICLES—ENGINES—OIL FILTERS

Druslantsev, N.V. [New automobile filters for fine oil clearing] Novye avtomobil'nye fil'try tonkoi ochistki masla i ikh primenenie. Moskva, Gos.nauchno-tekhn. izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 25 p.

MOTOR VEHICLES—FUEL SYSTEMS

Selecting an efficient system for the gas distributing mechanism. V.M.Shestakov. Mash.Bel. no.6,33-39 '59.

MOTOR VEHICLES—IGNITION

Model of the ignition system. V.Sanpiter. Za rul. 18 no.2:14-15 F '60.

Voltage generated by an ignition coil M L Frezinskii Avt prom. no 3 19-23 Mr '60.

MOTOR VEHICLES—INSPECTION

Commissions of public inspection of motor vehicles. N.Sokolov Avt transp 38 no 2 51 F '60

MOTOR VEHICLES—MAINTENANCE AND REPAIR

Chekrygin, I.G. [Safety measures in the maintenance and repair of motor vehicles] Tekhnika bezopasnosti pri tekhnicheskom obsluzhivanii i remonte avtomobilei. Izd.4, ispr Moskva, Nauchno-tekhn izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 68 p. (Tekhnika bezopasnosti na avtotransporte)

Economic efficiency of overhauling R.Kolegaev Avt transp 38 no 3 24-25 Mr '60

Effect of general overhauls on the life of motor vehicles R.Kugel'. Avt.transp 38 no.2 33 F '60

Improving technical conditions of motor-vehicle parks A Bel'tsov Avt transp 38 no.2 31-32 F '60.

Is it necessary to overhaul motor vehicles? B Gopnik Avt transp 38 no 2 32 F '60

Kakuevitskii, V.A., and A.S.Silkin. [Using plastic deformation methods in reconditioning motor-vehicle parts] Vosstanovlenie detalei avtomobilia metodom davleniia. Moskva. Nauchno-tekhn izd-vo M-va avtomobil'nogo transp.i shosseinykh dorog RSFSR, 1960. 55 p.

New mobile repair shop N Mishin Avt.transp 38 no 2 29 F '60

Overhaul and life of motor vehicles G Tokarev Avt transp 38 no 3 23-24 Mr '60

Russia (1917- R.S.F.S.R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. TSentral'naia normativno-issledovatel'skaia stantsiia. [Norms for the consumption of materials and tools for the maintenance and repair of motor vehicles in automobile repair shops and automotive transportation units] Normy raskhoda materialov i instrumentov na tekhnicheskoe obsluzhivanie i remont avtomobilei dlia avtoremontnykh predpriiatii i avtomobil'nykh khoziaistv. Moskva, Avtotransizdat, 1960. 70 p.

Selecting parts for repairing V Kakuevitskii. Avt. transp 38 no 2 37-38 F '60

State of motor-vehicle repair shops I Argir Avt transp 38 no 3 26 Mr '60

Utilization of hidden potentialities IU.Sturlis Avt transp 38 no 3 17-18 Mr '60

MOTOR VEHICLES—SHOCK ABSORBERS

Improving the performance of motor-vehicle shock absorbers IU.B.Belen'kii. Sbor.nauch.trud.Bel.politekh.inst. no.72:53-59 '59.

MOTOR VEHICLES—SOCIETIES, ETC.
(see also subdivision under Novosibirsk)

A federation has been established Za rul 18 no 3 1-2 Mr '60

MOTOR VEHICLES—TRANSMISSION DEVICES

Wear of couplings in gearboxes L.Eremin. Avt. transp 38 no 2 34-36 F '60

MOTOR VEHICLES—WHEELS

Sidewise motion of a motor-vehicle wheel. B.E.Mitin. Sbor.nauch.trud.Bel.politekh.inst. no.72:60-81 '59.

MOTORBOAT RACING

Every master trains sportsmen of the lower categories. M.Epikhin. Za rul. 18 no.2:1 F '60.

MOTORBOATS

Automobile trailer and motorboat. K Chumakov Za rul 18 no 3 20-21 Mr '60

Gantman, V.B. [Four thousand kilometers on motorboats] 4000 kilometrov na motornykh lodkakh. Moskva, Izd-vo DOSAAF, 1960. 118 p.

MOTORBUS LINES—STATIONS

Urban bus stations V Daklino Arkhit SSSR no 6 22-2' '60

MOTORBUSES

Experimental model of the ZIL-159 motorbus. Avt. transp 38 no 2 59 F '60

The first Soviet turbine-engined bus. E.Kurovskaia. NTO 2 no.3:24 Mr '60.

The LAZ-697 "Turist" motorbus K.M Atoian Avt prom no 3 44 Mr '60.

MOTORCYCLE RACING
(see also subdivision under Kuybyshev, Moscow)

The most important victory. S.Rumiantsev Za rul 18 no 3 12 Mr '60.

Motorcycle racing on ice. V.Karneev, M Telegin Za rul 18 no 3 8-9 Mr '60.

Our work must be harmonious and full of initiative. N Strakhov. Za rul 18 no 3 2-3 Mr '60

Racing abroad. Za rul. 18 no.2:32 F '60.

Racing abroad Za rul. 18 no 3 32 Mr '60.

There will be more of us. V.IAkovlev and others. Za rul. 18 no.2:1 F '60.

"Zhuzhel'" in Poland and in the U S.S.R R.Izewski. Za rul 18 no 3 30 Mr '60

MOTORCYCLES

Learning to drive a motorcycle D.Abez'ianin Za rul. 18 no 3 18-19 Mr '60.

Modernization of the S-157 motorcycle. B.Karmanov. Za rul. 18 no.2:10-11 F '60.

Preparing for the new racing season. S.Ivanitskii. Za rul. 18 no.2:10 F '60.

MOTORCYCLES—ENGINES

Increasing the power of two-cycle engines. A.Silkin Za rul 18 no 3 22-23 Mr '60

MOTORCYCLES—ENGINES—CARBURETORS

Carburetors for racing motorcycles. V.Dikarev. Za rul. 18 no.2:11 F '60.

MOTORCYCLES—IGNITION

Is the ignition in order? Za rul'. 18 no.3:23 Mr '60.

MOTORCYCLES—MAINTENANCE AND REPAIR

The ignition is working, then why doesn't the engine start? Za rul'. 18 no.2:11 F '60.

MOTORTRUCKS

How logging trucks move on snow. [illegible] Les. prom. [illegible] '60.

The MAZ-500 motortruck. Avt. transp. 38 no.3:[illegible] Mr '60.

Motortruck for mechanical loading and unloading of gas cylinders. A. D. [illegible] Mashinostroitel' no.4:[illegible] Ap '60.

Operational requirements of motortrucks, trailers, and semitrailers. N. B. Ostrovskii. Avt.prom. no.4:1-[illegible] Ap '60.

Passenger truck. [illegible] V. I. Akimov. Avt. prom. [illegible] no.2:[illegible] F '60.

They can go everywhere. [illegible] Nauka i zhizn' 27 no.2:[illegible] F '60.

MOTORTRUCKS—BRAKES

Improving the components of the brake system of the ZIL motortrucks. [illegible] Egorov. Avt. transp. 38 no.2:48-50 F '60.

MOTORTRUCKS—CATALOGS

Moskovskii avtomobil'nyi zavod imeni I. A. Likhacheva. [Catalog of parts for the ZIL-164 and ZIL-164R motortrucks, the ZIL-MMZ-585I and ZIL-MMZ-585K dump trucks, and the ZIL-MMZ-164N fifth-wheel tractors] Katalog detalei gruzovykh avtomobilei ZIL-164 i ZIL-164R, avtomobilei-samosvalov ZIL-MMZ-585I i ZIL-MMZ-585K, i sedel'nogo tiagacha ZIL-MMZ-164N. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 300 p.

MOTORTRUCKS—ENGINES

The ZIL-130 eight-cylinder V engine. [illegible] Avt.prom. no.4:10-14 Ap '60.

MOTORTRUCKS—FRAMES

Gel'fgat, D. B., and V. A. [illegible] [Truck frames] Ramy gruzovykh avtomobilei. Pod red. A. A. Lipgarta. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1959. 228 p. (Proektirovanie avtomobilei)

MOTORTRUCKS—MAINTENANCE AND REPAIR

Maintenance of motortruck brakes and clutches. [illegible] V. Koroplev. Avt. transp. 38 no.2:[illegible] F '60.

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Manual for the maintenance of the GAZ-51, GAZ-63, GAZ-69, and GAZ-69A motortrucks] Rukovodstvo po tekhnicheskomu obsluzhivaniiu avtomobilei. Moskva, Voen.izd-vo M-va oborony SSSR, 1960. 147 p.

MOTORTRUCKS—SPRINGS

Parameters for suspensions of motortrucks with high loadability. [illegible] Avt. prom. no.3:[illegible] Mr '60.

MOTORTRUCKS—STANDARDS

New standards for weight parameters and over-all dimensions of motortrucks and trailers. [illegible] Avt. transp. 38 no.3:[illegible] Mr '60.

MOTORTRUCKS—STEERING GEAR

Checking the steering mechanism of motortrucks. [illegible] Tekh.v sel'khoz. 20 no.2:56-58 F '60.

MOTORTRUCKS—TIRES

Proper use of tires. [illegible] Mekh.sil'.hosp. 11 no.2:28-29 F '60.

MOTORTRUCKS—TRANSMISSION DEVICES

Improving the shape of blades of a single-stage complex hydraulic torque converter. A. N. Narbut. Avt. prom. no.3:5-8 Mr '60.

MOTORTRUCKS—WINDOWS AND WINDSHIELDS

Glass frame risers of the ZIL motortrucks. G. Kabakov, A. Zakharov. Avt. transp. 38 no.3:41 Mr '60.

MOULAY, HASSAN, 1929-

People and events: Angelo Angelopoulos; Cemal Gürsel; Moulay Hassan. Nov.vrem. 18 no.24:19,31 Je '60.

MOUNTAINEERING

(see also subdivision under Annapurna, Caucasus, Caucasus, Northern)

Complicated climbing techniques of mountain climbers in foreign countries. [illegible] Teor. i prak. fiz. kul't. 23 no.6:449-451 '60.

MOUTH—CARE AND HYGIENE see subdivision under Zaporozh'ye

MOUTH—DISEASES

Importance of the detection of foci of pathological irritation in the dental system in the prevention and treatment of peptic ulcer. T. F. Podval'nikova. Probl. stom. 4:229-233 '58.

Multiform exudative erythema and the appearance of the mucous membrane of the oral cavity. [illegible] Vest.derm.i ven. [illegible] no.3:[illegible] Mr '60.

MOVEMENT (PHYSIOLOGY)

Basic problems in studying human voluntary movements from the biophysical viewpoint. [illegible] Biofizika 5 no.1:98-107 '60.

Methods for forming spatial concepts about motor movements. A. M. [illegible] Teor. i prak. fiz. kul't. [illegible]

On certain prepathological conditions of the neuromuscular system of athletes. [illegible]

"Sense of time" and the rate of the motor reaction [illegible] Reviewed by [illegible] Teor. i prak. fiz. kul't. [illegible]

[illegible] of posturography. [illegible] Teor. i prak. fiz. kul't. [illegible] '60.

MOZHAISKII, ALEKSANDR FEDOROVICH, 1825-1890

Inventor of the first airplane. [illegible] 11 no.3:5 Mr '60.

MUCOUS MEMBRANE

Condition of the mucous membrane of the alveolar process in patients with parodontosis before and after splinting with movable teeth. Z. D. Vasil'eva. Probl. stom. 4:370-383 '58.

MUD VOLCANOES see subdivision under Baku Archipelago

[illegible] see subdivision under [illegible] District

MULBERRY

Effect of certain [illegible]

MULTIPLE SCLEROSIS

[illegible] of multiple sclerosis with Mar[illegible] vaccine. M. B. [illegible]

Views of acute encephalomyelitis [illegible] relation to multiple sclerosis. [illegible] Vest. AMN SSSR [illegible] '59.

MUMPS

"Epidemic parotitis [illegible]"

MUNICH—LIBRARIES

[illegible]

MUNICH—RUSSIAN CHURCH

Activities of our institute. [illegible]

MUNICH FOUR-POWER AGREEMENT, 1938

Hajek, Jiri. [Munich. Translated from the Czech] Miunkhen. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 22[illegible] p.

Poliakov, V.G. [England and the Munich collusion, March-September 1938] Angliia i miunkhenskii sgovor, mart-sentiabr' 1938 g. Moskva, Izd-vo Akad.nauk SSSR, 1960. 311 p.

MUNICIPAL OWNERSHIP

Lawsuits concerning [illegible]

MUNICIPAL SERVICES

(see also subdivision under Moscow, Tyumen, Voronezh)

Brief news. Zhil.-kom.khoz. 10 no.3:35 '60.

Brief news. Zhil.-kom.khoz. 10 no.4:35 '60.

Communal enterprises receive help from the Scientific and Technical Society of Municipal Services and Automotive Transportation. V. Kos'min. Zhil.-kom.khoz. 10 no.3:19-20 '60.

Distribution of public service enterprises in microdistricts. O. Malashenko. Zhil.-kom.khoz. 10 no.4:6-8 '60.

In District [illegible] Gor.khoz.Mosk. 34 no.2:40-41 '60.

In the Technical Council of the Ministry. Zhil.-kom.khoz. 10 no.3:35 '60.

In the Technical Council of the Ministry. Zhil.-kom.khoz. 10 no.4:33 '60.

Significance of the number of stories of apartment houses for the municipal economy. T. B. Vol'fenzon. [illegible] no.8:[illegible] '60.

V. I. Lenin's instructions are being carried out. Zhil.-kom.khoz. 10 no.4:1-3 '60.

[illegible] RANGE—HYDROELECTRIC POWER STATIONS

Water resources of the [illegible] Mountains. [illegible] Gidr.stroi. 29 no.3:48-51 Mr '60.

MUNITIONS

(see also subdivision under Great Britain; United States)

The Russian State Bank [illegible] during 1914 and 1915. [illegible]

MURAV'EV, VASILII IVANOVICH, [illegible]

[illegible]

Vasilii Ivanovich [illegible] A. I. Mikhailov, V. M. [illegible] Izv. AN SSSR no.4:[illegible] '59.

MURMANSK PROVINCE—DRAINAGE

[illegible]

MURMANSK PROVINCE—ECONOMIC CONDITIONS

[illegible]

MURMANSK PROVINCE—HISTORY

[illegible]

MUROM—DIESEL LOCOMOTIVES

[illegible]

MUSCLE

[illegible]

MUSCLES

[illegible]

MUSCLES—ABNORMITIES AND DEFORMITIES

[illegible]

MUSCLES—[illegible]

[illegible]

MUSCLES—WOUNDS AND INJURIES

[illegible]

[illegible] see subdivision under [illegible]

[illegible]

[illegible]

MUSEUMS see subdivision under Kiev; Leningrad, also subdivision 'Art galleries and museums' under Bratislava, Frankfurt, Leningrad, Paris

[illegible] see subdivision under Moscow Province

MUSIC

(see also subdivision under Berlin, Bulgaria, Czechoslovakia, Hungary, [illegible], Voronezh)

[illegible]

Rozenshil'd, K.K. [Essays of the strength and achievements of Soviet music, a manual for lecturers and propagandists] Sila muzyki i dostizheniia sovetskoi muzyki; v pomoshch' lektoru-propagandistu. Moskva, Sovetskii kompozitor, 1959. 132 p. [illegible]

[illegible]

MUSIC—ACOUSTICS AND PHYSICS

Composer as a painter. Znan. sila 35 no. 3 26-30 Mr '60.

MUSIC—ANALYSIS, APPRECIATION

Development of music appreciation; listening to music. N. L. Grodnenskaia. Izv. APN no 110 213-250 '60.

Rossikhina, V P. [Try to understand music] Uchis' ponimat' muzyku Moskva, Izd-vo "Sovetskaia Rossiia," 1960 58 p (Bibliotechka sel'skogo klubnogo rabotnika, no 4)

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS

International music competitions. Sov. muz. 24 no. 3· 191 Mr '60

MUSIC—CONGRESSES

With composers from Kazakhstan and Kirghizia. A. Lenskii. Sov. muz. no. 3 147-150 Mr '60.

MUSIC—HISTORY AND CRITICISM

(see also subdivision under Azerbaijan, Uzbekistan)

Certain traits in the development of national musical cultures I. IA. Ryzhkin Soob Inst ist. isk no 15·8-22 '59

Music and contemporaneity. Dm. Kabalevskii. Sov. muz. 24 no. 3:7-27 Mr '60.

Music and the revolution. Sim. Dreiden. Sov. muz 24 no 3 45-60 Mr '60

Musical journalism during the first years of Soviet rule. S R Stepanova Soob. Inst ist. isk no 15·133-158 '59

MUSIC—INSTRUCTION AND STUDY

(see also subdivision under Pochinok)

Problems of musical literacy. M. A. Rumer. Izv. APN no 110 105-100 '60.

[Singing and music; a manual for teachers' colleges] Spivy ta muzyka; navchal'nyi posibnyk dlia pedagogichnykh uchylyshch. Kyiv, Radians'ka shkola, 1959. 462 p. (NNC)

MUSIC—PHILOSOPHY AND AESTHETICS

For a profound understanding of music I Liashenko Mystetstvo 7 no 1 31-31 Ja-F '60

MUSIC, CHINESE—HISTORY AND CRITICISM

Remarks on the development of contemporary Chinese music. F. G. Arzamanov. Soob. Inst. ist. isk. no. 15: 159-166 '59

MUSIC, KAZAKH

Studying the musical heritage of the Kazakh people. B. G. Erzakovich Vest. AN Kazakh. SSR 16 no. 2·107-108 F '60.

MUSIC FESTIVALS see subdivision under Plovdiv, Bulgaria

MUSICAL INSTRUMENTS, ELECTRONIC

Palette of new sounds. G. Anfilov. Znan. sila 35 no. 3· 19-22 Mr '60.

MUSICAL INSTRUMENTS, UKRAINIAN—CONSTRUCTION

Let's improve the construction of national musical instruments. M Helis Sots kul't 11 no 3 30-31 Mr '58

MUSIC MUSEUMS see subdivision under Chernigov Province, Leningrad, Moscow

MUSICAL SOCIETIES see subdivision under Great Britain

MUSICOLOGY

In the Music Section. Soob. Inst. ist. isk. no. 15:180-183 '59.

On some problems of research in the history of Soviet music. Soob. Inst. ist. isk. no. 15:3-7 '59.

MUSK OX see subdivision under Hudson Bay region

MUSORGSKII, MODEST PETROVICH, 1839-1881

Folk song sources in Musorgskii's vocal melodies of the 1860's. I. IA. Vershinina. Soob. Inst. ist. isk. no 15: 76-87 '60

MUTUAL BENEFIT ASSOCIATIONS

"Protect mutual benefit associations from dishonest people." G. Afanas'ev and others. Sots. obesp. 21 no. 3: 37 Mr '60.

MYASTHENIA GRAVIS

Late results of the treatment of myasthenia gravis by irradiation of the thymus with X rays and surgery of the resulting radiation ulcer [with summary in English]. M. A. Merkova, N. P. Mordvinova, E. B. Golland. Vest. rent. i rad. 35 no. 1:45-47 Ja-F '60.

MYCENAEAN CIVILIZATION see Civilization, Mycenaean

MYCOBACTERIUM TUBERCULOSIS

Comparative rating of methods for studying the morphology of drug-resistant varieties of Mycobacterium tuberculosis. L. D. Zhurull. Izv. AN Arm. SSR. Biol. nauki 12 no. 12:17-26 D '59.

Relationship between the clinical course of pulmonary tuberculosis and the sensitivity or resistance of tubercle bacilli to isoniazid [with summary in French]. Pham Ngoc Thach Probl. tub 37 no 6 41-47 '59

MYCORHIZA

Conditions promoting the formation of mycorhiza of pine with Boletus luteus (Linn) Fr in pure cultures [with summary in English] N M Shemakhanova Izv AN SSSR Ser biol no 2·240-255 Mr-Ap '60

Mycorhiza of wheat and its role in the growth and development of the plant [with summary in English] E P. Khrushcheva Izv AN SSSR Ser biol no 2·230-239 Mr-Ap '60

MYTHOLOGY—DICTIONARIES

"Mythological dictionary " Prep ist v shkole 15 no 1 116-117 Ja-F '60.

MYTISHCHI—MACHINERY INDUSTRY

Life is becoming better S Naumov. Sov profsoiuzy 16 no 10 18-23 My '60

MYTISHCHI—PENSIONS

Following the best examples P Arsent'ev Sots. obesp 21 no. 2 18-19 F '60.

MYTISHCHI—SCHOOL GARDENS

Working in a school garden A. P. Demidova. Nach shkola 28 no. 1,68-72 Ap '60.

NADVORNAYA—PETROLEUM WORKERS—DISEASES AND HYGIENE

Reactivity of the circulatory system in petroleum refinery workers. M. N. Berezhnitskii. Vrach. delo no. 2· 157-159 F '60.

NAILS AND SPIKES

Device for driving spike nails by pressing. Rats. i izobr. predl. v stroi. no. 13·87-88 '59.

Identification of an automatic nail-making machine. R. A. Kentler. Sov. krim. na sluzh. sled. no. 12.139-146 '59.

NAKHICHEVAN A.S.S.R.—AGRICULTURE

From the history of the development of agriculture in Nakhichevan [in Azerbaijani with summary in Russian]. R. Kagramanov. Izv. AN Azerb. SSR. Ser obshchestv. nauk no 1:33-15 '60.

NAL' ISLAND—SOILS

Bottom-land soils on islands of the Northern Dvina River in the Kholmogory region. I. V IAkushevskaia. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3 91-100 '59.

NALCHIK REGION—VOLCANIC ASH, TUFF, ETC.

Properties of volcanic tuffs from Nalchik region, supply base of natural building materials of the Northern Caucasus. V. P. Anan'ev, L. A. Ilrovskii. Trudy RISI no. 15 141-153 '58

NAMANGAN PROVINCE—DIAGNOSIS, FLUOROSCOPIC

Organization of fluorographic examination in Namangan Province. I. L. Sinitskii Med. zhur Uzb. no. 6·19-20 Je '58.

NAMANGAN PROVINCE—TUBERCULOSIS

Tuberculosis care in Namangan Province. I. F. Fesenko. Med. zhur. Uzb. no. 6 15-16 Je '58.

NAMATJIRA, ALBERT, 1902-1959

In memory of Albert Namatjira. A. Novitskaia. Sov. etn. no. 1:155-157 Ja-F '60.

NAMES—CONGRESSES

"Contributions to onomastics published on the occasion of the Sixth International Onomastic Congress in Munich, 24-28 August, 1958" [in French]. Reviewed by D. P. Bogdan. Vop. iaz. 9 no. 2.138-141 Mr-Ap '60.

NAMES, GEOGRAPHICAL

(see also subdivision under Karelia)

V. I. Lenin's name on the geographical map. E. M. Pospelov. Geog. v shkole 23 no. 2:2-4 Mr-Ap '60.

NAMES, PERSONAL

How are you going to call your child? S. I. Ozhegov, Lev Uspenskii, S. Marshak. Ogonek 38 no. 18·24 My '60.

NAPHTHALENE

Hydrogenation of naphthalene in pilot flow units over industrial sulfur-resistant catalysts. L. F Ovsianikov, D. B. Orechkin. Trudy Vost.-Sib. fil AN SSSR no. 26: 63-70 '59.

Relation between the second virial coefficient of polymer solutions, determined by light scattering, and the angle of scattering [with summary in English]. V E. Eskin Koll. zhur. 22 no 1 117-119 Ja-F '60.

Thionaphthene, a sulfur compound associated with naphthalene. B. M. Pats, A. S. Nepomniashchaia. Khim. prom. no. 8:666-668 D '59.

NAPHTHALENE—SPECTRA

Spectrophotometric determination of naphthalene in the gas phase. I. A. Gil'denblat, N. M. Zhavoronkov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:92-95 '60.

NAPHTHALENEDISULFONIC ACID

Investigating the color reaction of zirconium with sulfophenylazochromotropic acid. V. M. Peshkova, N. V Mel'chakova, E. D. Sinitsyna. Izv vys. ucheb. zav., khim. i khim. tekh 3 no. 1:72-74 '60.

NAPHTHENES

Oxidizing naphthene hydrocarbons in order to obtain naphthenic acids P G Igonin and others Khim i tekh. topl i masel 5 no 2 25-27 F '60.

Properties of naphthenes of different structural types having the composition C_{14}-C_{28} A D Petrov and others Zhur ob khim 30 no 6 1769-1780 Je '60

NAPTHENIC ACID

Oxidizing naphthene hydrocarbons in order to obtain naphthenic acids P. G. Igonin and others Khim i tekh topl i masel 5 no. 2·25-27 F '60

NAPHTHOL

Substitution of halogen in azo compounds Part 10 Synthesis of monoethers of 2, 2'-dihydroxy-1, 1'-azonaphthalene and ethers of 1-amino-2-naphthol B I Stepanov Zhur ob khim 30 no 6 2008-2014 Je '60

NAPHTHOQUINONE

Quinones Part 32· Synthesis of substituted 2, 5-bis (amino)-1, 4-benzoquinones and 2-amino-1, 4-napthoquinones A N Grinev and others Zhur ob khim 30 no 6 1914-1918 Je '60

NARO-FOMINSK—TEXTILE RESEARCH

Practices of the operation of a technological bureau. K. M. Kalashnikov. Tekst. prom. 20 no. 2.81-82 F '60.

NARTOV, ANDREI KOSTANTINOVICH, 1693-1756

Book about a Russian inventor ("Nartov and a 'Clear picture of machines' " by V V. Danilevskii Reviewed by E Nikitina) Nauka i zhizn' 27 no 3 74 Mr '60

NARYN REGION (TIEN SHAN)—SEISMOMETRY

Action spectra of some earthquakes in the Naryn zone of the Tien Shan R I Khovanova Trudy Inst fiz zem no 5 114-125 '59

NASOPHARYNX—CANCER

Symptomatology of cancer of the nasopharynx extending into the skull cavity. R. L. Gizatullina Kaz. med. zhur. no. 1:93-95 Ja-F '60.

NATIONAL PARKS AND RESERVES

Necessity for utilizing preserve areas for the preservation of Russian nature. G. A. Kozhevnikov. Okhr. prir. i zapov. delo v SSSR no. 4.90-97 '60.

Some research problems at national preserves in connection with objectives in expanding the national economy. N. E Kabanov. Okhr. prir. i zapov. delo v SSSR no 4· 75-89 '60.

NATIONALITIES

(see also subdivision under Ukraine)

Still closer relations among and all-round flourishing of soviet socialist nations [with summary in English, p. 183]. Sh. R. Rashidov. Vop filos 14 no 6·16-30 '60

NATURAL RESOURCES

(see also subdivision under Astrakhan Province; Ukraine)

Publicizing the protection of nature in our press. L. K Shaposhnikov, N. A. Chefranova. Okhr. prir. i zapov. delo v SSSR no. 4.126-128 '60.

Reactionary character of modern bourgeois population concepts and the "crisis of world resources" theory. D. Valentei. Nauch. dokl. vys. shkoly, ekon. nauki no. 1: 100-110 '60.

V. I. Lenin on one's attitude toward nature. F. N. Petrov. Vokrug sveta no 4·2-3 Ap '60.

NATURAL RESOURCES—LAW

For further improvement in natural resources legislation. O. S. Kolbasov. Sov. gos. i pravo no. 5·129-132 My '60.

NATURE PHOTOGRAPHY

Photography contest of "Vokrug sveta." V. Tanasiichuk. Vokrug sveta no. 4:61 Ap '60.

NATURE STUDY

(see also subdivision under Toybokhoy)

[For you, hikers!] Vam turisty; kak provodit' nabliudeniia nad prirodoi v turistskom pokhode. [Leningrad] Lenizdat, 1960. 246 p.

How to study the subject "Scenes of nature and work in our country" in the fourth grade. A. M. Nizova. Nach. shkola 28 no. 2·38-42 F '60.

Ideas and concepts concerning plants and animals in students of the first grade. P. A. Zavitaev. Izv. APN no. 107: 103-119 '59.

It seems that... IUn. nat. no 5·36-37 My '60.

Local material on nature study in the fourth grade. R. M. Izmailova, A. N. Matveeva. Nach. shkola 28 no. 3:62-65 Mr '60.

Nature observations in the first grade. T. A. Palkina. Nach. shkola 28 no. 2·58-59 F '60.

Notes of a nautralist. IUn. nat. no. 4:37 Ap '60.

Primary nature study ideas of the first-grade students. A. M. Nizova. Izv. APN no. 107·139-169 '59.

[illegible]

[Teaching children to observe nature] Trud i nabliudeniia v prirode. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 240 p.

Your notebook. S. Khlavno. Iun. nat. no. 5:35-20 My '60

NATURE STUDY—TEXTBOOKS

Contemplated subject outline for primary-grade nature study textbooks to be published in 1960-1965. Nach. shkola 28 no. 2:70 F '60.

NAUTICAL INSTRUMENTS

Activities of the optical repair shop of the hydrographic administration of the Naval Ministry. Z. K. Novokshonova. Trudy Inst. ist. est. i tekh. 27:210-220 '59

NAVAL ARCHITECTURE

Pugachev, A. S. [Collection of problems on drawing in shipbuilding] Sbornik zadach po sudostroitel'nomu chercheniiu. Izd. 2., perer. i dop. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 335 p.

NAVAL MANEUVERS see subdivision under China

NAVIGATION

Bukhanovskii, I. L. [Computation of a ship's course; brief guide on navigator service] Schislenie puti sudna; kratkoe rukovodstvo po shturmanskoi sluzhbe. Izd. 3., dop. Moskva, Izd-vo "Morskoi transport," 1960. 106 p.

NAVIGATION (AERONAUTICS)

Keeping the course toward the moon. V. Pavlov. Nauka i zhizn' 27 no. 2:14-16, 30 F '60.

NEANDERTHAL RACE

(see also subdivision under Kiik Koba, Crimea)

Archaeological evidence of the Neanderthal's right handedness. S. A. Semenov. Vop. antr. no. 2:69-71 '60

NEANDERTHAL RACE—CONGRESSES

International congress "Centennial of the Discovery of Neanderthal Man" in Duesseldorf, August 26-30, 1956. M. I. Uryson. Vop. antr. no. 1:132-135 '60

NEAR EAST—HISTORY

Akademiia nauk SSSR. Institut vostokovedeniia. [Lenin and the East; a collection of articles] Lenin i Vostok, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1960. 304 p.

History of Near Eastern studies in Russia during the second quarter of the 19th century. B. M. Dantsig. Krat. soob. Inst. vostokoved. no. 4[illegible]:38 '59.

Precapitalist formations in the Near and Middle East according to the works of Leningrad orientalists. N. V. Pigulevskaia. Uch. zap. Inst. vost. 25:192-201 '60

NEAR EAST—PEASANTRY

The village and the peasants of the Near East in the Middle Ages in works of Leningrad orientalists. I. P. Petrushevskii. Uch. zap. Inst. vost. 25:204-217 '60.

NEAR EAST—PETROLEUM INDUSTRY

The present and future of Middle Eastern petroleum. R. Avetrossian. Mezhdunar. zhizn' 7 no. 7:31-41 Jl '60.

NEBIT DAG—VOCATIONAL EDUCATION

In the distant Nebit-Dag. A. Saparov. Prof.-tekh. obr. 17 no. 3:30 Mr '60.

NEBULAE

Absolute spectrophotometry of nebula NGC 7000 with light filters [with summary in English]. R. E. Gershberg, V. I. Pronik. Izv. Krym. astrofiz. obser. 21:315-320 '59.

Emission nebula IC 443 + H 40. M. V. Dolidze. Astron. tsir. no. 204:11-14 S '59

Photography of nebulae with an electron telescope [with summary in English]. P. V. Shcheglov. Astron. zhur. 37 no. 3:586-587 My-Je '60

NEGATIVISM

Pathophysiological bases of negativism. O. V. Pilaiskaia. Probl. sud. psikh. 8:520-538 '59.

NEGROES see subdivision under United States

NEGROES—CIVIL RIGHTS see subdivision under South Africa, Union of; United States

NEJD—HISTORY

"Modern history of Nejd" by Amin ar Reihani as a source on the ethnology of central Arabia. M. Churakov. Sov. etn. no. 1:83-90 Ja-F '60.

NEKRASOV, ALEKSANDR IVANOVICH, 1883-1957

Aleksandr Ivanovich Nekrasov; on the 75th anniversary of his birth. Usp. mat. nauk 15 no. 1:153-162 Ja-F '60.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Kymashevskii, V. V. [Nekrasov and Maiakovskii; essays in literary criticism] Nekrasov i Maiakovskii; literaturovedcheskie ocherki. [Iaroslavl'] Iaroslavskoe knizhnoe izd-vo, 1959. 211 p.
(NNC)

NEMATODA

(see also subdivision under Amu Darya Valley)

Biology of predaceous fungi [with summary in English]. M. V. Gorlenko, [illegible]. Biul. MOIP. Otd. biol. 64 no. 6:99-[illegible] '59

Changes in the system of the family [illegible] 1880 in connection with the study of [illegible] Baylis, 1911 [with summary in English]. [illegible] Morozov. Zool. zhur. [illegible] '60

Contribution to the study of the developmental cycle of the nematode Dioctophyme renale (Goeze 1782), a kidney parasite of carnivorous mammals and man. E. M. Karmanova. Dokl. AN SSSR 130 [illegible] Ja '60

NEMTSOV, VLADIMIR IVANOVICH

Contemporaneity and fantasy ("The last flag ship"; a novel by Vl. Nemtsov; "The Andromeda nebula" [illegible] by I. Efremov. Reviewed by I. Antopol'skii). [illegible] 4 no. 2:210-211 '60

NENETS NATIONAL AREA—FOXES

Interrelationships of the common and Arctic fox in the tundra of the Nenets National Area [with summary in English]. V. D. Skrobov. Zool. zhur. [illegible] '60

NENETS NATIONAL AREA—SILVERSMITHING

The cover of a silver bowl from the Nenets [illegible] A. Bank. [illegible]

NEOCINCHOPHEN

Detection of novatophan by means of [illegible]. V. G. Baltkov. Izv. [illegible] 3 no. 1:70 '60

NEODYMIUM

Neodymium and its alloys with aluminum. E. M. Savitskii, [illegible], V. F. Terekhova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:13-20 My-Je '60

NEODYMIUM ALUMINUM ALLOYS see Aluminum-neodymium alloys

NEODYMIUM MAGNESIUM ALLOYS

Mechanism of the protective [illegible]. M. S. [illegible] no. 5:1122-1124 Je '60

NEON TUBES

Rotating neon tubes. M. A. [illegible] 4 no. 1:27-28 Mr '60

NEOSTIGMINE

Neostigmine therapy in experimental [illegible] 43 no. 5:601-[illegible] '60

NEPAL

Kostinskii, D. N. Nepal. Moskva, Izd-vo vostochnoi lit-ry, 1960. 151 p.

NEPAL—DESCRIPTION AND TRAVEL

On the path to modernity. Harry Viktorovskii. Vokrug sveta no. 3:44-47 Mr '60.

NEPAL—POLITICS AND GOVERNMENT

On the path to modernity. Harry Viktorovskii. Vokrug sveta no. 3:44-47 Mr '60.

NEPHELITE

Interesting nephelite concretions [illegible] Soldatov. [illegible] 17 no. 2:74 [illegible] '60

NEPHRITIS see Kidneys—Diseases

NERUDA, PABLO, 1904-

Life, love, and the struggle ("Selected works in two volumes" by Pablo Neruda. Reviewed by A. Kelin) Inostr. lit. no. 2:259-262 F '60

NERVES

Effect of ultraviolet irradiation on nerve fibers [with summary in English]. R. G. Tsvetkovskaia, [illegible]. Biofizika 5 no. 1:40-45 '60.

NERVES, CRANIAL—DISEASES

Clinical aspects and pathogenesis of [illegible] paralysis of the cerebrocranial nerves [with summary in English]. V. G. Tandoevtseva, M. I. Gabrielian. Zhur. nevr. i psikh. 60 no. 1:51-54 '60.

NERVES, CUTANEOUS

Changes in the peripheral nervous system of the skin under medicinal cupping. A. K. Kodzhaliteva. Vrach. delo no. 4:429 Ap '60

NERVES, FACIAL—DISEASES

Study of the mechanism and prognosis of contractures in paresis of the facial nerve [with summary in English]. S. L. Levin. Zhur. nevr. i psikh. 60 no. 1:55-[illegible] '60

NERVES, FACIAL—SURGERY

Roentgenokymography of the diaphragm following anastomosis of the facial nerve with the phrenic nerve [with summary in English]. L. A. Pikulev, V. I. Gavrilenok. Vest. rent. i rad. 35 no. 1:24-28 Ja-F '60

[illegible]

NERVOUS SYSTEM—TUBERCULOSIS

Some clinical variants of tuberculous diseases of the nervous system M G Gol'del'man, A D Drobinskii Vrach delo no 4 369-373 Ap '60

NERVOUS SYSTEM—WORMS

Effect of gamma-aminobutyric acid and beta-alanine on the motor and bioelectric activity of annelid ganglia. S M Vereshchagin, I A Sytinskii Dokl AN SSSR 132 no 5 1213-1215 Je '60

NERVOUS SYSTEM, SYMPATHETIC

Connections of the superior cervical sympathetic ganglion. M G Gulamov. Med zhur Uzb no 7 55-59 Jl '58

Origin of the positive after-potential of sympathetic ganglia [with summary in English]. V. I. Skok. Dop. AN URSR no. 1:103-105 '60

NERVOUS SYSTEM, SYMPATHETIC—BLOOD SUPPLY

Fine vascularization of the prevertebral ganglia of the sympathetic nervous system. A. E. Tikhonova. Kaz. med. zhur. 41 no. 1:73-79 Ja-F '60.

NETHERLANDS

Holland Agitator no 6 39-40 Mr '60

NETHERLANDS—COMMUNIST PARTY

Communistische partij van Nederland. [Nineteenth Congress of the Communist Party of the Netherlands, Amsterdam, December 26-29, 1958. Translated from the Dutch] XIX s"ezd Kommunisticheskoi partii Niderlandov, Amsterdam 26-29 dekabria 1958 goda. Moskva, Gos. izd-vo polit. lit-ry, 1959. 126 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

NETHERLANDS—POULTRY

Panskikh, K. G. [Poultry raising in the Netherlands] Ptitsevodstvo Gollandii. Moskva, Izd-vo sel'khoz lit-ry, 1959. 78 p.
(DA)

NETHERLANDS—SWIMMING

Techniques of the best swimmers of Holland. S. M. Gordon. Teor. i prak. fiz. kul'. 23 no. 2:134-138 '60.

NETHERLANDS—WATER-SUPPLY ENGINEERING

Water supply of populated places in Holland A M Koniushko. Vod i san. tekh no 4 35-37 Ap '60

NEURALGIA, TRIGEMINAL

Treatment of trigeminal neuralgia with cobalt preparations. F. T Abdukhakimov. Med. zhur. Uzb. no. 10:7-10 O '58.

NEURITIS

Alcoholic neuritis. T. A. Pustovalova. Med. zhur. Uzb. no. 10:16-17 O '58.

Drogichina, E A [Toxic polyneuritis and encephalomyelitis] Toksicheskie polinevrity i entsefalomielopolinevrity Moskva, Gos. izd-vo med. lit-ry, 1959. 251 p.
(DNLM)

Vibration neuritis among shoe factory workers. A. D. Filatova, N. L Gordina Vrach. delo no. 1:25-29 '60.

NEUROLOGISTS see subdivision under Poland

NEUROSES

Simson, T. P. [Neuroses in children; their prevention and treatment] Nevrozy u detei, ikh preduprezhdenie i lechenie. Moskva, Gos. izd-vo med. lit-ry, 1958. 214 p
(DNLM)

EUTRONS

Absorption cross sections of fast neutrons. T. S. Belanova. Atom. energ. 8 no. 6:549 Je '60.

Determination of the dose of thermal neutrons by the activation method M. V. Alferov, A. D. Turkin. Gig i san 25 no 2 49-50 F '60.

Mechanical properties and microstructure of structural materials following neutron bombardment. I M. Voronin and others. Atom energ. 8 no 6:514-518 Je '60

Moderation of neutrons in iron - water mixtures. L. A. Geraseva, V. V Vavilov Atom energ. 8 no. 556-557 Je '60.

Scintillation spectrometer for fast neutrons A G Khabakhpashev. Prib. i tekh. eksp. no. 1 25-29 Ja-F '60

Series convergence in the multigroup theory of neutron diffusion A V Stepanov. Atom energ 8 no 6:550-551 Je '60

EUTRONS—CAPTURE

Measurement of the γ-ray spectra resulting from neutron capture in certain rocks A A. Fedotov, M M. Sokolov, A P Ochkur Atom. energ 8 no 6:555-556 Je '60

EVA RIVER—FLOODS

Applying some general regularities of cyclone motion to cyclones causing floods of the Neva River. N. L. Spitsyna. Trudy GGO no. 90 149-155 '60.

EVEL'SK STRAIT—TIDAL POWER

Using "lunar energy." Nauka i zhizn' 27 no 3 71 Mr '60

NEVEL'SKII, GENNADII IVANOVICH, 1813-1876

Vinokurkov, I. G. [Admiral Nevel'skii's heroic deed] Podvig admirala Nevel'skogo. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 195 p.
(NNC)

NEVOLIN, FEDOR VASIL'EVICH, 1900-

F. V. Nevolin; on his 60th birthday. Masl.-zhir. prom. 26 no. 3:47 Mr '60.

NEVRLY, MIKULAS

Letters from Bratislava S. Leonidov Ukraina no 6 18 Mr '60

NEW GUINEA, DUTCH—MILITARY BASES, DUTCH

Another provocation against Indonesia. L. Skomorokhov. Sovr. Vost. no. 6:54-55 Je '60.

NEW YEAR see subdivision under Japan

NEW YORK (CITY)—AGRICULTURAL EXHIBITIONS

Agricultural section of the Soviet Exhibition of 1959 in New York A. Z Arkhimovich Vest Inst. po izuch SSSR no 4 89-96 O-D '59

NEW YORK (CITY)—EXHIBITIONS

"Made in the U.S.S.R." - it has a proud sound! A. Mikhailov. Smena 37 no. 8 20 Ap '60

NEW ZELAND—GAS INDUSTRY

Gas industry in Australia and New Zealand. R. Leshchiner. Gaz. prom. 5 no. 3:48-49 Mr '60.

NEW ZEALAND—RELATIONS (GENERAL) WITH RUSSIA

The stars of the Bol'shoi Theater in our sky. W. Rodes. Kul't. i zhizn' 4 no. 2:57-60 '60.

NEWSPAPER AND PERIODICAL CIRCULATION

(see also subdivision under Alekseyevka District, Belgorod Province; Bulgaria, Kyzyl-Orda Province, Mayskiy District; Shushenskoye, Ul'yanovsk; Uzda District)

Brief news. Agitator no 11 64 Je '60

How to take saturation by printed matter into account I. Krasilov, M Pisarev Raspr. pech. no 3 10 Mr '60

Improve methods of distributing printed matter by subscription and by retail trade. Raspr pech no 3 20 Mr '60.

Let us improve financial control in Press Union sections P. Sichevoi Raspr. pech no 3 21 Mr '60

Observations and suggestions N Mozhaitsev Raspr pech no 3 17-19 Mr '60

The press furnishes a powerful means for party propaganda. Raspr. pech no 3 1-2 Mr '60.

What the results of the new-year subscription campaign reveal M. Razorenov Raspr pech no 3 3-5 Mr '60

NEWSPAPERS see subdivision under Moscow

NEWSREEL see subdivision under Uman'

NGUYEN-DU, 1765-1820

Nguyen-Du's verse. N. Nikulin. Inostr. lit. no. 2:207-208 F '60.

NICKEL

Effect of plastic deformation of nickel on the rate of diffusion in the system Ni - S. B. IA. Pines, E. F. Chaikovskii. Fiz. met. i metalloved. 9 no. 3:369-373 Mr '60.

Mechanism of the change with time in the oxygen overvoltage on a nickel anode at constant current density IA. I Tur'ian Dokl. AN SSSR 132 no. 6 1368-1371 Je '60.

NICKEL—ANALYSIS

Vanadium and nickel in Chokrak oils of Dagestan. D. I. Zul'fugarly, N. S. Ukhmanova. Azerb. khim. zhur. no. 2:129-135 '59.

NICKEL—ELECTRIC PROPERTIES

Temperature dependence of the thermomagnetic effect of Nernst-Ettingshausen in nickel and iron-nickel alloys. R. P. Ivanova. Fiz. met. i metalloved. 8 no. 6:851-856 D '59.

NICKEL—METALLOGRAPHY

Volumetric and structural changes during the heating of cold-deformed electrolytic and remelted nickel. S. D. Gertsriken, L. N. Larikov, N. N. Novikov. Fiz. met. i metalloved. 9 no. 3:478-480 Mr '60.

NICKEL—METALLURGY

Refining nickel concentrates by the elimination of iron. IU. V. Alekseev. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 3:35-38 My-Je '60.

X-ray investigation of the reduction processes of certain ferrates V. N. Bogoslovskii. Fiz. met. i metalloved. 8 no. 6 857-860 D '59

NICKEL ALLOYS

Alloys for compounding with ceramics. M. I. IUdkevich. Sbor. trud. TSNIICHM no. 22:10-17 '59.

NICKEL ALLOYS—METALLOGRAPHY

Constitutional diagram of the system nickel - nickel subboride. P. T. Kolomytsev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:83-85 My-Je '60.

NICKEL ALLOYS—THERMAL PROPERTIES

Effect of the time factor on the form of the composition - heat resistance diagram for the alloys in the five-component system Ni - Cr - W - Ti - Al I I Kornilov, L I Priakhina, O. V Ozhimkova Dokl AN SSSR 132 no 5 1086-1089 Je '60

NICKEL BORIDE

Constitutional diagram of the system nickel - nickel subboride. P. T. Kolomytsev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:83-85 My-Je '60.

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL-CHROMIUM ALLOYS—ELECTRIC PROPERTIES

Electric properties of nichrome and iron-chromium-aluminum alloys. N. V. Semenova, N. A. Semenova. Sbor. trud. TSNIICHM no. 22:248-268 '59.

Electric resistance anomaly in the Ni_3Cr alloy. N. V. Semenova. Sbor. trud. TSNIICHM no. 22:226-247 '59.

NICKEL-CHROMIUM ALLOYS—THERMAL PROPERTIES

K-state and the durable strength of nickel-chromium base alloys. I. S. Beliatskaia, B. G. Livshits. Izv. vys. ucheb. zav., chern. met. no. 5:99-101 '60.

NICKEL-CHROMIUM-COBALT ALLOYS see Cobalt-nickel-chromium alloys

NICKEL-CHROMIUM-MOLYBDENUM ALLOYS

Modified N35KhMB (A) alloy for watch mechanism spiral springs (hairs). A. K. Borisova. Sbor. trud. TSNIICHM no. 22:111-120 '59

NICKEL-CHROMIUM-TITANIUM ALLOYS

Effect of molybdenum on the properties of the N36KhTIU (EI702) alloy. V. A Sol'ts, L. T. Nosan'. Sbor. trud. TSNIICHM no. 22:91-103 '59.

Elinvar alloys for elastic sensitive elements. N. G. Chomova. Sbor. trud. TSNIICHM no. 22:104-110 '59.

NICKEL-CHROMIUM-TUNGSTEN ALLOYS

Properties of the alloys in the ternary system nickel - chromium - tungsten. P. B. Budberg, K. I. Shakova Zhur. neorg. khim. 5 no. 2 415-420 F '60.

NICKEL COMPOUNDS

Composition of microlite and of the metallic compound NiAl V P Eliutin and others Zhur prikl khim. 33 no 3 559-563 Mr '60.

NICKEL-COPPER ALLOYS

Sensivity of nickel - copper alloys in the saturation region. V. Rode, U Gofman. Nauch. dokl. vys shkoly; fiz.-mat. nauki no. 3.148-150 '59.

NICKEL FERRATES—MAGNETIC PROPERTIES

Magnetic characteristics of nickel-chromium ferrites. A S Khlystov, S M Khlystov, G A Petrakovskii Izv vys ucheb zav, fiz no 6 108-109 '59.

NICKEL-IRON ALLOYS—MAGNETIC PROPERTIES

Antiferromagnetic properties of Ni_3Fe alloys in connection with atomic ordering. M. V. Dekhtiar. Fiz. met. i metalloved. 9 no. 3:345-352 Mr '60.

NICKEL-IRON-COBALT ALLOYS see Iron-nickel-cobalt alloys

NICKEL-MANGANESE ALLOYS—METALLOGRAPHY

Effect of addition alloying with molybdenum on internal friction during the ordering of Ni_3Mn alloys. IU. S. Avraamov, S. O. Mezhennaia. Izv. vys. ucheb. zav.; chern. met. no. 5:102-105 '60.

NICKEL PLATING

Effect of organic admixtures on the reduction of nickel in acid and alkaline solutions A. I. Lipin, M M Livshits Zhur prikl khim 33 no 3 658-662 Mr '60.

NICKEL SILICATE

Catalytic polymerization of olefins. Report No. 9: Activity of a nickel silicate deposited on an aluminosilicate in the course of ethylene polymerization. IA. T Eidus, K V. Puzitskii, B. A Kazanskii. Izv. AN SSSR Otd. khim. nauk no. 5:926-930 My '60.

NICKEL-TIN ALLOYS see Tin-nickel alloys

NICOTINIC ACID

Therapeutic value of vitamin B_1 and nicotinic acid in motor disorders of the stomach IA. I Tomashevskii Vrach delo no 4 433-434 Ap '60

NIGERIA—DESCRIPTION AND TRAVEL

At the shores of Niger. O. Orestov. Ogonek 38 no. 17: 20-21 Ap '60.

NIGHT FIGHTING (MILITARY SCIENCE)

Rifle platoon's march security during the night K. Maksimov Voen vest 39 no 12:31-37 D '59.

[illegible]

Brightness of the twilight and night sky. O.D. Barteneva, A.N. Bolotova. Trudy GGO no.100:133-140 '60.

The fourth conference on noctilucent clouds. N.I. Grishin. Astron.tsir. no.204:18-20 S '59.

Observation of noctilucent clouds in Vilnius. V. Straizys. Astron.tsir. no.204:17-18 S '59.

NIGHT VISION

Being able to see in the dark. D. Shelkovnikov. Voen. vest. 39 no.12:74-75 D '59.

NIGHT WORK

Work and rest schedule of railway workers on the night shift. G. Gambashidze, V. Solov'eva. Biul.nauch.inform.: trud i zar.plata 3 no.2:33-35 '60.

NIGHTSHADE

Characteristics of the anatomical structure of the epidermis of leaves in solanaceous plants. P.A. Romanovich. Bot. zhur. 45 no.2:259-266 F '60.

NIKITIN, NIKOLAI IGNAT'EVICH, 1890

Nikolai Ignat'evich Nikitin, on the 70th anniversary of his birth. N.IA. Solechnik. Zhur. prikl. khim. 33 no.3:[illegible] Mr '60.

To N.I. Nikitin, corresponding member of the Academy of Sciences of the U.S.S.R. Zhur. prikl. khim. 33 no.3:[illegible] Mr '60.

NIKOLAEVA, GALINA EVGEN'EVNA, 1911

When the writer is still searching. V. Pankov. Kul't.-prosv. [illegible] no.9:[illegible] '60.

NIKOLAYEV PROVINCE—AMATEUR ART ACTIVITIES

Exchange of concert performances. M. Kudriavtsev. Kul't.-prosv.rab. [illegible] '60.

NIKOLAYEV PROVINCE—FARM MECHANIZATION

The road to plenty. M. Orlov. [illegible] no.[illegible] '60.

NIKOL'SKAYA, GORA

End of "Nikol'skaya Gora." A.I. Seliverstov. Nauka i zhizn' 27 no.1:[illegible] '60.

NIKOL'SKOYE—AMATEUR THEATRICALS

Artists from the village Nikol'skoye. A. Morov. Ogonek 38 no.5:28-29 Ja '60.

NIOBATES

Comparative geochemical characteristics of granitoids with accessory tantalum niobates [with summary in English]. A.G. Pavlenko, Hsiao Chung-yang, L.N. Morozov. Geokhimiia no.2:101-120 '60.

NIOBIUM

Phase constitution of niobium slags. A.V. Rudneva. Titan i ego splavy no.2:41-49 '59.

Results of enlarged laboratory investigation on the converter blowing of niobium pig iron. I.P. Bardin and others. Titan i ego splavy no.2:[illegible] '59.

NIOBIUM—ANALYSIS

Separation of niobium from tantalum by means of adsorption and complex formation chromatography. [illegible] K.V. Chmutov. Izv. AN SSSR. Otd.khim. nauk no.5:[illegible] My '60.

NIOBIUM—SPECTRA

Spectral determination of niobium and tantalum impurities in titanium. N.F. [illegible], K.A. Semenenko, N.E. [illegible] Vest. Mosk. un. Ser. 2: Khim. 15 no.2:[illegible] Mr-Ap '60.

NIOBIUM COMPOUNDS

Heats of formation of niobium oxides and carbides. [illegible] Izv. Sib. otd. AN SSSR no.2:[illegible] '60.

NIOBIUM IODIDE

Synthesis of tantalum and niobium iodides by the reactions of $TaCl_5$ and $NbCl_5$ with Al_2I_6 and SiI_4. [illegible] Zhur. neorg. khim. 5 no.2:249-251 F '60.

NIOBIUM OXIDE

Kinetics of the formation and coagulation of niobium pentoxide sol as a function of the acidity of the medium. A.A. Malakhov. Azerb. khim. zhur. no.2:101-104 '59.

NITRATES see subdivision under United States

NITRIC ACID

Kinetics of the scale removal from a ribbon made of 1Kh18N9T stainless steel in solutions of nitric acid. A.I. [illegible] Zhur. prikl. khim. 33 no.3:[illegible] Mr '60.

Markov, S.S., and E.V. Valikova. [Analytical control of the production in the nitrogen industries] Analiticheskii kontrol' proizvodstva v azotnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry. No.14, pt.2. [Controlling the production of concentrated nitric acid made by direct synthesis] Kontrol' proizvodstva kontsentrirovannoi azotnoi kisloty metodom priamogo sinteza. 1960. 420 p.

[illegible] conditions with admixtures of ammonium nitrate and ammonia in the product of nitric acid. [illegible] Zhur. prikl. khim. [illegible] '60.

Vapor density of HNO_3 over mixed solutions of nitric and sulfuric acid. I.I. Chernyshov. Khim. prom. no.8:708-709 D '59.

NITRIFICATION

Effect of some drainage [illegible] on nitrification [illegible] decomposition. [illegible] no.12:[illegible] '60.

NITRILES

Certain reactions of nitriles leading to the formation of a new nitrogen to carbon bond. [illegible] Usp. khim. 29 no.6:[illegible] Je '60.

NITRO COMPOUNDS

Catalytic reduction of aromatic nitro compounds [illegible] Trudy Inst. khim. nauk AN Kazakh. SSR [illegible]

Nitro compounds in the synthesis of [illegible] A.A. Fainzil'berg [illegible] 207-210 [illegible] '60.

Synthesis of organometallic nitro compounds [illegible] with nitro derivatives of [illegible] Novikov, [illegible] V.V. [illegible] Izv. AN SSSR. Otd. khim. nauk [illegible]

NITROCELLULOSE—SPECTRA

Use of infrared spectrum analysis in the quantitative determination of OH groups in nitrocellulose [illegible] in their products of reaction with [illegible] F.A. [illegible] Vysokomol. soed. [illegible]

NITROGEN

Sorption of nitrogen [illegible] sulfide catalyst. [illegible] Izv. AN SSSR. Otd. khim. nauk [illegible]

NITROGEN—ANALYSIS

Chromatographic method of [illegible] hydrogen, nitrogen [illegible] Zhur. prikl. khim. [illegible] '60.

NITROGEN—ISOTOPES

Isotopic exchange in [illegible] A.I. [illegible] '60.

Studies of compounds tagged with N^{15} and O^{18}. [illegible] No.10. Reactions of [illegible] N^{15} [illegible] V.I. [illegible] Izv. AN SSSR. Otd. khim. nauk [illegible]

NITROGEN COMPOUNDS

Nitrogen-containing [illegible] '60.

NITROGEN METABOLISM

[illegible] '60.

NITROGEN OXIDE

Explosive decomposition of nitric oxide [illegible] A.I. [illegible] '60.

Method of determining nitric oxide [illegible] N.A. [illegible], L.A. Khokhlova. [illegible] '60.

[illegible] M.I. Varlamov, [illegible] Izv. vys. ucheb. zav.; khim. i khim. tekh. [illegible]

NITROPRUSSIDES

Use of sodium nitroprusside in the qualitative analysis of pharmaceutical chemicals. [illegible] Med. prom. 14 no.6:[illegible] Je '60.

NITROSYL FLUORIDE

Preparation of nitrosyl fluoride [illegible] G.A. Sokol'skii, [illegible] Izv. AN SSSR. Otd. khim. nauk [illegible]

NIZAMI, GANJAWI, 1141-1203?

Sociological views of Nizami. [illegible] Mamedov. Nauch. dokl. vys. shkoly; filos. nauki 3 no.1:[illegible] '60.

NIZHNIY TAGIL—COKE OVENS

In the by-product coking plant of the Nizhniy Tagil Metallurgical Combine. [illegible]

NIZHNIY TAGIL—LABOR AND LABORING CLASSES

For the Soviet people. [illegible] no.8:[illegible] Ap '60.

NIZHNIY TAGIL—RAILROADS—CARS

For the Soviet people. [illegible] no.8:[illegible] Ap '60.

NIZHNIY TAGIL—[illegible]

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NOMOGRAPHY (MATHEMATICS)

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Making use of sulfur dioxide in nonferrous metal plants V. S. Nagibin. Trudy Inst met no 5:73-75 '60.

Pogodin-Alekseev, G. I., ed. [Achievements in science and technology and the progressive practices of industry and construction] Dostizheniia nauki i tekhniki i peredovoi opyt v promyshlennosti i stroitel'stve. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
  No. 2. [Ferrous and nonferrous metallurgy] Chernaia i tsvetnaia metallurgiia. 1958. 157 p.

Theory of obtaining lean waste slags in the process of copper and nickel ore smelting V S. Nagibin Trudy Inst. met. no 5,70-72 '60

NONMETALLIC MINERALS

Sequence of crystallization of the nonmetallic oxide and sulfide inclusions in steel. A L. Zagianskii Trudy Inst met no.5 13-40 '60

NORIL'SK—SNOW REMOVAL

How we prepare to control melt waters. F. Antonov. Zhil.-kom.khoz. 10 no.3:27-28 '60.

NORIL'SK REGION—PETROLOGY

Godlevskii, M. N. [Traps and ore-bearing intrusions in the Noril'sk region] Trappy i rudonosnye intruzii Noril'skogo raiona. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 67 p.

NORTH ATLANTIC TREATY ORGANIZATION

The American military machine on the European continent. V. Nagrebetskii. Mir ekon. i mezhdunar. otn. no.6 46-58 Je '60.

A den of imperialists in the Bois de Boulogne Oleksa Kosenko Ukraina no 6 18-19 Mr '60

"Don't give the generals a carte blanche." Edward Le Ghait. Mezhdunar. zhizn' 7 no.7:129-131 Jl '60.

Facts Mezhdunar zhizn' 7 no.6:151-156 Je '60

Seducers from Madrid. Nov. vrem. 18 no.26:21 Je '60.

NORTH KAZAKHSTAN PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Let's learn to operate tractors. Zh. Zhumashkin. Agitator no.5:49 Mr '60.

NORTH KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING

Propagandists organize their competition IU Babanov Part. zhizn' Kazakh 30 no 3 42-44 Mr '60

NORTH SEA—HERRING FISHERIES

Distribution and composition of herring stocks in the North Sea in 1957. N P Biriukov, V I. Skorniakov Trudy BaltNIRO no.4 26-53 '58

Economic expediency of the development of herring trawling in the North Sea. M. P. Pa'kova Trudy BaltNIRO no 1:92-105 '58.

NORTH SEA—PLANKTON

Plankton distribution in the northern part of the North Sea in the fall of 1957. G. B. Semenova. Trudy BaltNIRO no. 4 79-91 '58

Plankton distribution in the southern part of the North Sea in the fall of 1957 K. T. Gordeeva. Trudy BaltNIRO no. 4 63-78 '58

NORTH SEA—TEMPERATURE

Temperature variations of the surface water in different regions of the North Sea [with summary in English]. E. S. Seltskaia. Trudy GOIN no.48:104-111 '59.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN DONETS-DONETS BASIN CANAL

Construction of the Northern Donets-Donets Basin water conduit B. F. Beletskii Vod. i san. tekh. no. 3 3-7 Mr '60.

NORTHERN WAR, 1700-1721

Role of the White Russian people in the Northern War. I I Parfionau Vestsi AN BSSR Ser hram nav no. 1 67-80 '60.

NORWAY—FOREIGN RELATIONS—UNITED STATES

What Norwegians think. Finn Gustavsen. Nov. vrem. 18 no.26:16-18 Je '60.

NORWEGIAN SEA—BENTHOS

Bottom fauna of the Norway-Iceland area as a water regime indicator [with summary in English]. Z. I. Kobiakova. Zool. zhur. 39 no. 3:321-326 '60.

NORWEGIAN SEA—FISHERIES—RESEARCH

First research and fishery survey cruise of the SRT-1045 boat of the Atlantic Scientific Prospective Fishery Exploration attached to the Baltic Scientific Research Institute of Marine Fisheries and Oceanography. A. E. Antonov, K. IA. Batal'iants. Trudy BaltNIRO no 1 16-25 '58.

NOSE—SURGERY

Method for the correction of the nose in congenital fissure of the upper lip by means of tissues of the concha nasalis inferior. I. V. Berdiuk. Vrach delo no. 1:85 '60.

Plastic surgery in support of the edge of the apertura piriformis in asymmetries of the alae nasi. A. A. Limberg. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:290-292 '58.

Trudy Len. gos nauch.-issl. inst travm. i ortop no. 7. 262-272 '58.

NOTARIES
(see also subdivision under Stalino)

Apropos of the article of M. Avdiukov and E. Kovaleva. S. Kriuchkov. Sov. iust. no.3 60-61 Mr '60.

NOVALGIN

Complexonometric determination of sulfates and anal'gin. O. IU. Kalers, M. E. Volkova Apt. delo 9 no.2 45-48 Mr-Ap '60

NOVGOROD—CLOTHING INDUSTRY

Factory gives help to artel. N. Ivanov Prom koop 14 no.4 28 Ap '60

NOVGOROD—EXCAVATIONS (ARCHAEOLOGY)

The Novgorod expedition. M. N. Kislov. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 3:69-71 My-Je '60

NOVGOROD—FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Mechanization of labor consuming operations. A. Kal'm. Pozh. delo 6,30 Je '60.

NOVGOROD PROVINCE—COURTS

How we improve the examination of civil cases. N. Shvaniukov. Sov. iust. no. 2 17-21 F '60.

NOVGOROD PROVINCE—PSYCHIATRIC HOSPITALS

Extension of psychoneurological care in Novgorov Province. A. Sokolov. Zhur. nevr. i psikh. 60 no.1 123 '60.

NOVO-ALEKSANDROVSKIY DISTRICT—COMMUNITY CENTERS

We train the personnel ourselves. G. Gavrilov. Kul't.-pros. rab. 21 no.2 23 F '60.

NOVO-POKROVKA DISTRICT (ORENBURG PROVINCE)—ECLOGITE

Trivalent titanium in eclogites of the Southern Urals [with summary in English]. B. V. Chesnokov. Geokhimiia no. 1:68-71 '60.

NOVO-VASIL'YEVKA DISTRICT—COMMUNIST YOUTH LEAGUE

A Communist Youth League propaganda center in action. E. Mukhlynkina. Mol. komm. no. 3:76-77 Mr '60.

NOVOCAINE

Comparative evaluation of the anesthetizing effect of novocaine and lignocaine. A Sh Simonishvili. Soob. AN Gruz. SSR 23 no. 5:627-629 N '59.

Intradermal epigastric novocaine block in the differential diagnosis and treatment of cholecystitis and gastric and duodenal ulcer. A. B. Aliev. Azerb. med. zhur. no. 3:56-57 Mr '60.

Nopraquin therapy in experimental extrasystole G. S. Gvishiani, T. A Gedevanishvili Soob AN Gruz SSR 23 no 5:601-606 N '59

Treating peptic ulcer exacerbations with a vagosympathetic block. B. A. Stekol'nikov, Z. N. Baier. Med. zhur. Uzb. no. 10:34-37 O '58.

NOVOCHERKASSK—GRAIN ELEVATORS

Workers are improving their qualifications. M. Novomlinskii Muk.-elev. prom 26 no. 2 20 F '60

NOVOGRAD-VOLYNSKIY—COMMUNITY CENTERS

We won first place B Sharvarko Sots kul't 11 no 3 10-12 Mr '58

NOVOGROZNENSKIY—PETROLEUM REFINERIES

On the road to the automation of our refinery. A. S. Uryvskii. Neftianik 5 no. 5:17-18 My '60.

NOVOSELITSA DISTRICT—LIBRARIES, RURAL

The highest honors L Besedyns'ka Sots kul't 11 no 3 22-23 Mr '58

NOVOSIBIRSK—BREAD

Quality of round bread. L. D. Tomashevskaia. Khleb. i kond. prom. 4 no. 3:28-29 Mr '60.

NOVOSIBIRSK—BUILDING—STUDY AND TEACHING

Following the example of the residents of Novosibirsk. F. Evdokimov. Prof.-tekh. obr. 17 no. 3:26 Mr '60.

NOVOSIBIRSK—CONCRETE SLABS

Mastering the production of aerated concrete panels in Novosibirsk M IA Krivitskii, G. V. Matysek Bet i zhel.-bet. no 2 55-58 F '60.

NOVOSIBIRSK—LOCKS (HYDRAULIC ENGINEERING)

Measuring ground stresses in the foundation of the lock chamber of the Novosibirsk Hydroelectric Power Station. S. IA. Eidel'man, E K. Aleksandrovskaia. Izv VNIIG 62:157-163 '59.

Some results of in situ observations on the temperature regimen and strained state of the concrete lock block of the Novosibirsk Hydroelectric Power Center. S. IA. Eidel'man, E. K. Aleksandrovskaia. Izv. VNIIG 61: 111-158 '58.

NOVOSIBIRSK—MOTOR VEHICLES—SOCIETIES, ETC.

Without allowances for "poverty" B Kuznetsov Za rul. 18 no 3 10-11 Mr '60

The collective decided a man's fate. F. Frejdenzon Prom koop 14 no 4 36 Ap '60

NOVOSIBIRSK—TESTING LABORATORIES

Conference of technicians of Novosibirsk factory laboratories. A. I. Gert. Zav lab. 26 no 3 389 '60.

NOVOSIBIRSK PROVINCE—AGRICULTURE—MAPS

Agricultural map of Novosibirsk Province. A. G. Gushchina. Geol. i kart. no. 1:49-53 Ja '60.

NOVOSIBIRSK PROVINCE—BUTTERFLIES

Diurnal lepidopteran fauna (Lepidoptera, Rhopalocera) of Novosibirsk Province and its origin. A. E. Shtandel'. Trudy Vses. ent. ob-va 47:122-142 '60.

NOVOSIBIRSK PROVINCE—FIRE PREVENTION

Start of a big program. I. Mikhailov. Pozh. delo 6:7 Je '60.

NOVOSIBIRSK PROVINCE—ROAD CONSTRUCTION

Constructing stabilized soil roads in Novosibirsk Province. G. N. Levchanovskii, Z. F. Egorova. Avt. dor. 23 no. 4:5-7 '60.

NOVOSIBIRSK REGION—CITY PLANNING

Science center near Novosibirsk M Belyi, I Orlov Arkhit SSSR no 6 1-7 '60

NOVOYE SELO DISTRICT—COMMUNITY CENTERS

Agricultural and zootechnical study room in a rural club M Onyshko Sots kul't 11 no 3 9 Mr '58

NUCLEAR COUNTERS

Measuring counting-rate ratio G. P Petin. Prib i tekh eksp no. 1 48-50 Ja-F '60.

Performance of gas-discharge counters at high pulse overvoltages. B. A Dolgoshein, B. I. Luchkov, V I Ushakov Prib i tekh eksp no. 1 39-42 Ja-F '60.

Use of Cherenkov counters for studying electron-nuclear showers. S. A. Azimov, T. S. IUldashbaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6:47-51 '59.

Use of α-rays from radioactive isotopes in instruments for controlling the dimensions of parts in grinding V. V Kondashevskii and others Atom. energ 8 no 6:576-578 Je '60

NUCLEAR ENGINEERING
(see also subdivision under Germany, West; Sweden)

Brief news Atom. energ 8 no. 6:578-580 Je '60

[Nuclear engineering aborad.] Atomnaia tekhnika za rubezhom 2 no 1 Ja '58.

[Nuclear engineering abroad]. Atomnaia tekhnika za rubezhom 4 no. 7 Jl '60.

NUCLEAR FISSION

Stellarator. L. Spitzer. Usp. fiz. nauk. 71 no. 2:327-338 Je '60.

NUCLEAR MOMENTS

Phenomenological theory of free precession of nuclear magnetic moments V M Ryzhkov, G. V Skrotskii, IU I Alimov Izv vys ucheb zav., radiofiz 2 no 6: 884-891 '59

NUCLEAR PHYSICS

Physics of high energy. A. Val'ter. Nauka i zhyttia 10 no. 1:14-18 Ja '60.

NUCLEAR PHYSICS—BIBLIOGRAPHY see Bibliography—Nuclear physics

NUCLEAR PHYSICS—EXHIBITIONS see subdivision under Hungary

NUCLEAR REACTIONS

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions] Trudy. Moskva, Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii.
  Vol. 4. [Chemistry of radioelements and radiation transformations] Khimiia radioelementov i radiatsionnykh prevrashchenii. 1959.
  (NN)

π-mesons and protons originating in the nuclear reaction of nucleons and matter. R. B. Begzhanov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1:47-57 '60.

NUCLEAR REACTORS
(see also subdivision under Great Britain, Kiev; United States)

Economy of organic-cooled reactors of large capacities. V V. Batov Atom energ. 8 no 6:564-565 Je '60.

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Works. Selected reports by foreign scientists] Trudy. Izbrannye doklady inostrannykh uchenykh. Moskva, Izd-vo Glav. uprav. po ispol'zovaniiu atomnoi energ. pri Sovete Ministrov SSSR.
  Vol. 3. [Physics of nuclear reactors] Fizika iadernykh reaktorov. Pod obshchei red. A. I. Leipunskogo, i V. S. Fursova. 1959. 803 p.

New developments in nuclear reactor construction and design. A N. Komarovskii Atom. energ. 8 no. 6:505-513 Je '60.

NUCLEAR REACTORS (Continued)

Resistance of lubricants to radiation. Atom. energ 8 no 6:575-576 Je '60

SM research reactor of 50 mw capacity. S. M. Feinberg and others Atom energ 8 no 6:493-504 Je '60

NUCLEAR RESEARCH

(see also subdivision under Moscow)

Brief news Atom energ. 8 no 6:578-580 Je '60

NUCLEAR RESEARCH—BIBLIOGRAPHY see Bibliography—Nuclear research

NUCLEI, ATOMIC

Depth of the potential well for Λ particles in heavy hyper nuclei V A Filimonov Izv vys ucheb zav ,fiz no 6 61-70 '59

NUCLEIC ACIDS

Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut biologii [Biology of nuclein metabolism in plants, reports at the joint scientific session of Nov 25-28, 1958] Biologiia nukleinovogo obmena u rastenii, doklady ob"edinennoi nauchnoi sessii, 25-28 noiabria 1958 g Ufa, 1959. 181 p

Artificial synthesis of nucleic acids by the use of enzymes. A. S Spirin. Biokhimiia 25 no. 1 187-189 Ja-F '60.

Determination of certain molecular parameters of ribonucleic acid (RNA) in solution. D. M. Spitkovskii. Biofizika 5 no 1:91-93 '60.

Distribution of ribonucleic acid during the healing of wounds in the myocardium of the rat L V Akhabadze Dokl AN SSSR 132 no 5 1210-1212 Je '60

Effect of heteroauxin on nuclein metabolism in plants N S Turkova, L A Zhdanova, E A Peterburgskaia Vest Mosk un Ser biol ,pochv , geol , geog 14 no 4:25-32 '59

Konarev, V. G. [Nucleic acids and morphogenesis of plants] Nukleinovye kisloty i morfogenez rastenii Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 346 p.

Nucleic acids in silk-secreting glands of the silkworm Bombyx mori G P. Ramenskaia, I B Zbarskii, L S Mil'man Dokl AN SSSR 132 no 5 1206-1209 Je '60

Nucleotide composition of ribonucleic acids in cellular structures of plants [with summary in English] N M Sisakian, M S Odintsova, N A Cherkashina Biokhimiia 25 no 1,160-163 Ja-F '60

On two configurations of DNA and certain associated phenomena D. M Spitkovskii, P. I. TSeitlin, V. S Tongur. Biofizika 5 no. 1,3-15 '60

NUCLEIC ACIDS—ANALYSIS

Quantitative spectrophotometric determination of nucleic acids [with summary in English] R G TSanev, G G Markov. Biokhimiia 25 no 1 151-159 Ja-F '60.

NUCLEOPROTEINS

Characteristics of nuclear nucleoproteins of certain tissues [with summary in English] I B. Zbarskii, L. P. Ermolaeva. Biokhimiia 25 no. 1 112-117 Ja-F '60

Differences in the radiosensitivity of desoxyribonucleoproteins and DNA [with summary in English] P. I TSeitlin and others Biokhimiia 25 no. 1:129-134 Ja-F '60.

Isolation of cell nuclei by the phenol method and their characteristics [with summary in English]. G. P. Georgiev, V I Mant'eva Biokhimiia 25 no. 1,143-150 Ja-F '60

Nucleoproteins in a normal and regenerating liver [with summary in English] E M. Leikina and others Biokhimiia 25 no 1 96-101 Ja-F '60.

NUCLEOSIDES

Various pathways of C^{14}-ribonucleoside metabolism in tumor and normal cells [with summary in English]. A K Belousova. Biokhimiia 25 no. 1 55-60 Ja-F '60

NUCLEOTIDES

Intermediate nucleotide metabolism in the normal and X-irradiated [with summary in English] G A Kritskii, V. A. Kopylov. Biokhimiia 25 no. 1,34-42 Ja-F '60

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, PRIME

Binary hypothesis in the theory of prime numbers according to I M. Vinogradov Dokl AN SSSR 132 no 5 1013-1015 Je '60

Connection between a prime number Pn and its index. M. S. Sabirov, M. P. Mukhitdinov. Trudy UzGU no. 78 143-146 '58.

Distribution of k-twins of prime numbers A F. Lavrik Dokl AN SSSR 132 no 6 1258-1260 Je '60

Quantity of prime numbers in a given interval B. M. Baskov. Trudy UzGU no. 78,185-194 '58.

NUMBERS, THEORY OF

Elementary solution of inverse problems on bases of free semigroups. B. M. Bredikhin. Mat. sbor. 50 no. 2: 221-232 F '60.

From the editor. Izv. vys. ucheb. zav., mat. no. 1:244 '60.

Properties and calculation of optimal coefficients N. M Korobov Dokl AN SSSR 132 no 5 1009-1012 Je '60

Some orthogonal and biothogonal systems. M. S. Sabirov, P. Kh Mukhitdinov. Trudy UzGU no 78,147-152 '58.

NUMISMATICS, BYZANTINE

On the technique of manufacturing dies for minting Byzantine coins I. Sokolova. Soob. Gos. Erm. no. 15 46-49 '59

NUMISMATICS, ROMAN see subdivision under Ukraine

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

Poltorak, A. I. [From Munich to Nuremberg] Ot Miunkhena do Niurnberga. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 220 p.

Rudenko, R. A., ed. [Nuremberg trial of the chief German war criminals, a collection of materials in seven volumes] Niurnbergskii protsess nad glavnymi nemetskimi voennymi prestupnikami, sbornik materialov v semi tomakh. Moskva, Gos. izd-vo iurid. lit-ry.

Vol. 5. [Cross-examination of the accused and speeches of the lawyers] Doprosy podsudimykh i rechi advokatov. 1960. 881 p.

NURSES AND NURSING

First steps in the new curricula. M T Kravchenko. Fel'd i akush 25 no. 3 51-52 Mr '60

Notes of a nurse. E. A. Kharitonova. Med. sestra 19 no. 4: 43-45 Ap '60

Nurses councils. S. I. Lenskaia and others. Med. sestra 19 no. 4:46-48 Ap '60

Ten years of operation of the Medical Nurses's Council M Piletskii Zdrav Belor 6 no 2 73 F '60

NUT TREES see subdivision under Bostandyk District

NUTRITION

(see also subdivision under Argentina)

Healthy food. M. Marshak, A. Grubina. Mast. ugl 9 no 2 30 F '60.

NYASALAND—POLITICS AND GOVERNMENT

Rebellion in Nyasaland. IA. Nemchinskii. Ogonek 38 no 17 22 Ap '60

NYLON

Made of capron. F. Reznik. Grazhd. av. 17 no. 3:17 Mr '60

Using capron for machinery repair. A. A. Lebedev. Mekh. sil'. hosp. 11 no. 2:7-8 F '60.

Zemliakov, I. P. [Kapron and its uses in technology] Kapron i ego primenenie v tekhnike. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 54 p.

NYMPHAEUM—DECORATION AND ORNAMENT, ARCHITECTURAL

New architectural ornaments from Nymphaeum V. Skudnova Soob. Gos Erm. no. 15 41-46 '59.

NYSTAD, FINLAND, TREATY OF, 1721

The preparation for the Nystad Congress. L. A. Nikiforov. Nauch dokl. vys. shkoly; ist. nauki no. 2:7-24 '58.

NYSTAGMUS

Optokinetic nystagmus as a method for the objective determination of visual acuity. N. I Shibinskaia. Oft zhur 12 no 5 306-312 '57

OAK

(see also subdivision under Lokhvitsa)

Anatomical characteristics of leaves in early and late forms of oak of different geographical origin. A. M Shutiaev Bot zhur 45 no 2 279-283 F '60

Interesting case of an oak and an alder trunk growing together. F. O. Hryn' Ukr. bot. zhur 17 no. 1 86-88 '60.

OASIS REGION, ANTARCTICA—TERRESTRIAL ELECTRICITY

Observation of earth currents at the stations Mirnyy and Oasis in 1957. L N. Baranskii, N L Naumenkov Inform biul Sov. antark eksp no 14 24-28 '60.

OATS

Anatomical structure of the flower pellicles of oat grain N A. Voropaeva, M. S. Dudkin Izv vys ucheb zav , pishch tekh. no 1 17-22 '60

Comparative effectiveness of the action of different phosphates on the growth and yield of oats and corn. K. V. Kalinin. Izv. TSKhA no. 6:95-106 '59.

OB' VALLEY—ALLUVIUM

Facies characteristics of modern alluvial deposits in the lower Ob' Valley. L. A. Kotseruba Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 3,129-137 '59.

Lithological characteristics of the present flood plain in the lower Ob' Valley. L. A. Kotseruba. Vest Mosk un Ser biol., pochv , geol., geog 14 no 4 167-173 '59.

OB VALLEY—FLOODS

Summer floods. L. K. Malik. Priroda no. 6:127 Je '60.

OB VALLEY—PASTURES AND MEADOWS

Seasonal development and effective utilization of meadow vegetation in the Kolyvan floodlands of the Ob River. E. F. Pen'kovskaia. Izv. Sib. otd. AN SSSR no. 2:85-96 '60.

OBERLAENDER, THEODOR, 1905-

[Oberlaender's bloody crimes; an account of a press conference for Soviet and foreign journalists held in Moscow, April 5, 1960] Krovavye zlodeianiia Oberlendera; otchet o press-konferentsii dlia sovetskikh i inostrannykh zhurnalistov, sostoiavsheisia v Moskve 5 aprelia 1960 goda. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1960. 52 p.

OBITUARIES

Obituaries Vest Inst po izuch SSSR no 1 159 Ja-Mr '60

OBSESSIONS

Materials on the problem of the pathogenesis of obsessive conditions. N. K. Shubina. Probl. sud. psikh. 8:443-450 '59.

OBSTETRICS

Intra-arterial blood transfusion in obstetrical practice. Z. Sh. Gilfazutdinova. Kaz. med. zhur. 41 no. 1:92-95 Ja-F '60.

OCCULTATIONS

Observations of lunar occultations of stars at the Astronomical Observatory of the Kiev University A. K Osipov Astron tsir no. 207 20-21 D '59

Observations of lunar occultations of stars at the Irkutsk Magnetic-Ionosphere Station G. Kuklin Astron tsir no 205 26-27 O '59

Observations of occultations of α Leonis by Venus. I S Astapovich. Astron tsir no 204 4-5 S '59

Observations of occultations of Regulus by Venus. A. Alksnis, Z Alksne Astron. tsir no 204:3-4 S '59.

OCCUPATIONAL THERAPY

(see also subdivision under Leningrad, Sverdlovsk)

Work capacity of mentally deficient persons and their attitude toward work as shown by data of occupational therapy. O. Kh. Suncheleev. Uch. zap. LGU no 207 112-122 '60.

OCCUPATIONS, DANGEROUS—SAFETY APPLIANCES

For working at heights. Okhr. truda i sots. strakh. 3 no 2 75 F '60.

OCEAN BOTTOM see subdivision under Pacific Ocean

OCEAN CURRENTS

(see also subdivision under Arctic regions, Bellingshausen Sea region, Caspian Sea; Drake Passage, Volga Delta region)

Calculation of deep currents from data obtained by a combined observation method. V. F. Zakharov. Probl Arkt. no. 6:110-120 '59.

Effect of pulsations of ocean currents on current meter readings. N. I. Dem'ianov. Probl. Arkt. no 6 23-27 '59

Measuring the direction and velocity of ocean currents from the shore. M. P. Chernyshev. Meteor. i gidrol. no. 6:35-37 Je '60.

Method of measuring surface currents by the drift of free-floating devices. N. F. Kudriavtsev. Probl. Arkt. i Antarkt. no. 2:107-113 '60.

Methods used in studying the thermal regime of warm currents A. S. Denisov. Probl. Arkt. no. 6:5-11 '59.

OCEAN TEMPERATURE

Methods used in studying the thermal regime of warm currents. A. S. Denisov. Probl. Arkt. no. 6,5-11 '59.

OCEANOGRAPHIC INSTRUMENTS

Work practices with the GM-16 wave recorder. V. A. Liubanskii, V. G. Mortsalov. Meteor. i gidrol. no. 6:32-34 Je '60.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Arctic Ocean; Greenland Sea; Pacific Ocean)

"Conquest of the deep" by M. N. Diomidov, A. N. Dmitriev. Reviewed by IU. P. Znamenskii. Priroda no. 6:120 Je '60.

Institute on the ocean N. P Bolgarov Nauka i zhizn' 27 no 3 65-66 Mr '60.

Method of working up marine hydrological observations. L. I. Dubrovin. Probl. Arkt. i Antarkt. no. 2:113-118 '60.

Oceanography. V. G. Kort. Mezhdunar. geofiz. god no. 6: 26-34 '60.

Put the ocean to work. D. Bilenkin. Vokrug sveta no. 3:20-22 Mr '60.

Secrets of the ocean are being disclosed. L. Zenkevich. Sov. mor. 20 no. 12:10-11 Je '60

OCEANOGRAPHY

The indivisible nature of the ocean. V. G. Bogorov. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no. 4:201-207 '59.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

PHY—CONGRESSES

l Oceanographic Congress. D.I. Shcherbakov. izn' 27 no.2:53-58 F '60.

E

reactions of ketones in the liquid-phase of octadecane I V Berezin, A.M Ragimova zerb SSR 16 no.1:19-22 '60

'Y PLANNING

uilding, and improving the city of Odessa N Diku Stroi i arkhit 8 no 3 13-14 Mr

OTHING INDUSTRY

ıd economic data of the Volovskii factory. l'son. Shvein.prom. no 1 4-7 Ja-F '60

MMUNIST EDUCATION

ommunist Youth League propagandists. z. Mol.komm. no.3 104-105 Mr '60.

AIN ELEVATORS

rn processing plant has been put into oper- rigor'ev. Muk.-elev.prom. 26 no.1 28

LUENZA

s in the clinical aspects of the pandemic f 1957 E.IA Latsinik and others Vrach 287-289 Mr '60

'E

the utilization of hidden potentialities. A.S ekst.prom. 20 no.2:65-66 F '60.

RARIES, UNIVERSITY AND COLLEGE

stories Z Hryhorenko and others Ukraina Mr '60

TEOROLOGY—OBSERVATIONS

Odessa Aerological Station. S.D. Artemenko, h. Meteor.i gidrol. no.6:32-34 Je '60.

THALMOLOGY

lems in ophthalmology N. Puchkovs'ka ttia 10 no 2 24 F '60

IGION

se in Odessa. L. Anufriev. Nauka i rel. Mr '60

TAURANTS, LUNCHROOMS, ETC.

time " F Viktorov Obshchestv pit Ap '60

TLE OF, 1944

[Odessa's heroic deed] Podvig Odessy. s. izd-vo polit. lit-ry, 1960. 77 p. (Goroda-

NCE—ATHEISM

of atheists B Robul Sots kul't 13 F '60

NCE—CONSTRUCTION INDUSTRY—

problems in the economics of interfarm nizations of Odessa Province. N.Bazhal no 3 63-64 Mr '60.

NCE—EDUCATION, COOPERATIVE

dvanced practice. K. Krivoshein Klub 9 '60

NCE—FOLKLORE, UKRAINIAN

of Odessa University for the collection of erials. N. Buchko. Nar.tvorch.ta etn. 163 O-D '59.

NCE—FRUIT JUICES

ifter. Spirt.prom. 26 no.2:37 '60.

NCE—LIBRARIES AND READERS

y mail. A Kolker Sots.kul't 13 no 2 35

NCE—SCARABAEIDAE

f larvae of eight lamellicorn species (Co- arabaeidae) from the Ukraine and Central ummary in English] S I. Medvedev Zool 3 381-393 '60

NCE—STATE FARMS

on state farms A. Konovalenko Part 3 43-45 Jl '60

TANCES see subdivision under Kaluga

MENT AND SUPPLIES

N. [Mechanization of administrative broad, review based on foreign sources] lia ipravlencheskogo truda za rubezhom, strannym istochnikam. Moskva, Vses. tekhn. informatsii, 1959. 45 p.

ubdivision under United States

NG see subdivision under Moscow

OGINSKI, MICHAL KLEOFAS, 1765-1833

Studying the life and works of Michal Kleofas Oginski. Irena Karasin'skaia. Soob.Inst ist.isk. no.15:169-173 '59.

OHMMETER

Vacuum tube megger. I. P. Istomin. Avtom., telem.i sviaz' 4 no.2,40 F '60.

OIL FIELD BRINES

Physical parameters of reservoir waters recommended as a circulating agent for oil wells. S A. Abdurashitov. Izv.vys.ucheb zav., neft' i gaz 3 no.2 69-71 '60

OIL FIELD BRINES—ANALYSIS see subdivision under Azerbaijan

OIL FIELD FLOODING

Formation of the salt content of water pumped into petroleum-bearing layers P F Stankevich Dokl AN SSSR 132 no 5 1167-1170 Je '60

Modeling oil flooding from bedded porous media. I.I. Egorova, V.G.Ogandzhaniants. Izv AN SSSR.Otd.tekh nauk.Mekh.i mashinostr no 3 147-151 My-Je '60.

OIL FIELDS see subdivision under Bashkiria, Chazhma Valley, Oltenia, Rumania, Peschanyy Island, Second Baku

OIL FIELDS—ACCIDENTS

Possibility of industrial trauma from pellets of an oil-well perforator. E I Rudometkina. Sud.-med ekspert. 2 no.2 49-51 Ap-Je '59

OIL FIELDS—EQUIPMENT AND SUPPLIES

Eliminate shortcomings of oil well drilling equipment. G. Naumov. Bezop.truda v prom. 4 no.3 31 '60.

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Kutais region, Caucasus, Northern , Shirvan region, Azerbaijan , Ukraine)

Amirov, A.D. [Exploitation of extra-deep wells] Voprosy ekspluatatsii sverkhglubokikh skvazhin. Baku, Azerbaidzhanskoe gos izd-vo neft. i nauchno-tekhn. lit-ry, 1959 204 p.

Organization of labor under conditions of the automation of petroleum production processes A.Smirnov Biul nauch.inform. trud i zar.plata 3 no 1 10-16 '60.

OIL FIELDS—SAFETY MEASURES see subdivision under Groznyy Province

OIL HYDRAULIC MACHINERY

Complete analysis of double-flow hydromechanical transmissions. V.D. Aksenenko. Vest.mash. 40 no.3:7-13 Mr '60.

Equation of motion and characteristics of a hydraulic drive with volumetric control. N S Gamynin Trudy MAI no 117 60-91 '59

Experimental investigation of the characteristics of "double" hydromechanical transmissions during steady-state and unsteady operating conditions. I.N. Adoian, A.D. Kriukov. Trudy LPI no. 187,173-183 '56.

Hydraulic valve unit for operating presses. N.I. Frolov Mashinostroitel' no.3:11 Mr '60.

The N-151 pump for hydraulic presses N F Marakin, M Z Loshak Biul tekh -ekon inform no 2 14-15 '60

OIL INDUSTRIES

(see also subdivision under Liski; Moldavia; Slavyansk; Ussuriysk)

"Automatic control of production processes in the oils and fats industry" published by the Central Office of Technical Information. Masl.-zhir.prom. 26 no.6. 46-47 Je '60.

Beloborodov, V.V., and M.A.Chudnovskaia. [Improvement of the process of micelles distillation in the oil extraction industry] Uluchshenie protsessa distilliatsii mistselly v masloekstraktsionnom proizvodstve. Moskva, GOSINTI, 1959. 17 p. (Obmen otechestvennym opytom)

Birkgan, IU.B. [High-temperature heat engineering in the oils and fats industry abroad] Vysokotemperaturnoe teplosnabzhenie v zhirovoi promyshlennosti za rubezhom. Moskva, GOSINTI, 1959. 47 p. (Zarubezhnaia tekhnika)

Certificates of inventorship and patents. Masl.-zhir. prom. 26 no.3:44-45 Mr '60.

Coordination of the scientific research work M.V Irodov Masl.-zhir prom. 26 no.4:15-16 Ap '60.

Some production data for oil industries in 1959. Masl.-zhir prom. 26 no.4:1-14 Ap '60.

Very satisfactory results. Masl.-zhir.prom. 26 no.3:1 Mr '60.

OIL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Oil industries

OIL INDUSTRIES—CONGRESSES

Meeting of the party members and representatives of the All-Union Scientific Research Institute of Fats. Masl.-zhir.prom. 26 no.3:47 Mr '60.

OIL INDUSTRIES—COSTS

(see also subdivision under Stavropol Territory)

Hidden potentialities for reducing vegetale oil costs. F.I. Solodovnikov. Nauch.trudy MGEI no.17:198-210 '59.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Armavir, Vinnitsa)

Experience in operating an extraction line with the DC-70 belt extractor I.F Bezuglov V.N Kurdiumov Masl.-zhir.prom. 26 no 4 30-33 Ap '60

New books. Masl -zhir.prom. 26 no 4:46 Ap '60.

OIL INDUSTRIES—EXHIBITIONS

Awards given to the participants of an exhibition. Masl.-zhir.prom 26 no.6 44-46 Je '60.

OIL INDUSTRIES—PERIODICALS

Participation of scientific and technical societies in the work of the magazine "Oils and fats industry." G.IA. Ivanov. Masl.-zhir.prom. 26 no.3 2 Mr '60.

OIL RECLAMATION

Possibility of converting a milk separator into a purifier for transformer oil D.K Koptelov Energetik 8 no 2 23-24 F '60

OIL RECLAMATION—EQUIPMENT AND SUPPLIES

Induction heater for the NSM-3 oil purifier I G Besprozvannyi Energetik 8 no 2 21 F '60

OIL RESERVOIR ENGINEERING

Calculation of characteristics of layers averaged according to areas. G.A Khalilov. Izv.vys.ucheb zav., neft' i gaz 3 no.2 53-57 '60.

Effect of the nonuniformity on the determination of parameters of an oilbearing layer based on the studies of the nonstationary fluid flow toward wells a e amplified by a two-bedded layer V.A.Maksimov Izv.AN SSSR. Otd.tekh nauk Mekh i mashinostr no 3 151-154 My-Je '60

Equivalent saturation in the solution of problems on two-phase flow I.A.Charnyi, V.N Donetskii, Chen' Chzhun-Sian. Izv vys.ucheb zav , neft' i gaz 3 no.2 113-119 '60

A problem on the determination of the oil-water boundary G G.Tumashev. Izv vys.ucheb zav , neft' i gaz 3 no 2 65-67 '60.

Tkhostov, B.A. [Initial formation pressures in oil and gas fields] Nachal'nye plastovye davleniia v neftianykh i gazovykh mestorozhdeniiakh. Moskva, Gos.nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 105 p.

OIL SANDS see subdivision under Fergana

OIL SHALES

(see also subdivision under Estonia)

Chemical composition of the light fractions of shale-oil gasoline O G Eizen, S.A. Rang, Kh.A. Rang Khim i tekh.topl.i masel 5 no.3 8-12 Mr '60.

Comparing the activities of some industrial catalysts in the hydrofining of shale tar and in the reduction of quinoline Chiang Ping-nan, Wei Shih-p'ing, Chou Feng-teng Trudy Vost.-Sib fil AN SSSR no 26:128-141 '59

Component composition of the extracts from Carpathian oil shales M M. Zashkil'niak. Khim i tekh topl.i masel 5 no.4 30-33 Ap '60

Industrial experience in increasing the capacity of oil shale gas producers. E S. Bezmozgin and others. Gaz. prom. 5 no.2 17-19 F '60.

OIL WELL DRILLING

(see also subdivision under Karadag region; Tatar A.S.S.R., Uzbekistan)

Coefficient of impact in the performance of three roller bits. S.A.Postash. Izv.vys.ucheb.zav , neft' i gaz 3 no.2:39-45 '60.

Readers' letters Vod i san tekh. no.4 35 Ap '60.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Possibility of increasing the diameters of circulating channels in grief stems. E.I.Stetiukha, V.T. Pivovarov. Izv.vys.ucheb.zav., neft' i gaz 3 no.3 47-51 '60

OIL WELL DRILLING—PRODUCTION STANDARDS see subdivision under Azerbaijan

OIL WELL DRILLING, SUBMARINE see subdivision under Azerbaijan; Baku; Caspian Sea

OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

(see also subdivision under Peschanyy Island)

Results of the competition on offshore structures. Izv. vys.ucheb.zav ; neft' i gaz 3 no.2,80 '60.

OIL WELL DRILLING FLUIDS

Low-viscosity, powdery carbon-alkali reagent. M.M. Gurvich, A.K. Miskarli. Azerb.khim.zhur. no.2:77-84 '59.

Physical parameters of reservoir waters recommended as a circulating agent for oil wells. S.A. Abdurashitov. Izv.vys.ucheb.zav., neft' i gaz 3 no.2:69-71 '60.

Viscosity of drilling fluids from petroleum. N.M.Kas'ianov, L.K.Mukhin. Izv.vys.ucheb.zav., neft' i gaz 3 no.2 33-38 '60.

OIL WELL DRILLING RIGS

Drilling rigs should have gangways. L. Temchenko. Bezop.truda v prom. 4 no.3.31 '60.

Shortcomings in the design of drilling rigs. N.N.Kostiukov. Neftianik 5 no.5:10-20 My '60.

[illegible]

[illegible] equipment having a three-units and cable with a three-electrode system. V.G.Mel'nikov. [illegible] no.2407 [illegible] '60.

OIL WELL LOGGING, RADIATION

Contribution to the theory of neutron logging. I.L.Ta-P'enskii, D.I.Dilen'kii, IA.P.Drapan. Prikl.geofiz no.25:221-233 '60.

OIL WELL PUMPS

[illegible] of valve joints for depth pumps. [illegible] Promo. [illegible] no.3:30 Mr '60.

OIL WELLS see subdivision under [illegible]

OIL WELLS—EQUIPMENT AND SUPPLIES

[illegible] of a recovery meter. [illegible] no.[illegible] '60.

[illegible] meter. [illegible] '60.

Thermodynamic principles of the performance of a gas [illegible] injector. [illegible] '60.

OILS AND FATS

(See also subdivision under Leningrad)

Automatic heater for vegetable oil. S.A.Avakov. Masl.-zhir. prom. 26 no.3:40 Mr '60.

Cleavage of fats with different sulfonic acids. [illegible] zhur.prikl.khim. 33 no.[illegible] '60.

Dielectric and rheological properties of disperse [illegible] [illegible] '60.

Fiftieth anniversary of the industrial hydrogenation of fats. A.R.Pan'ev, G.I.Gurevich. Masl.-zhir. prom. 26 no.3:[illegible] Mr '60.

[illegible]ovskaia, D.N., and V.I.Pod'iablo. [Methods for investigating the oxidative spoiling of fats] Metody issledovaniia okislitel'noi porchi zhirov. Moskva, Gos.[illegible] 1960. 51 p.

New methods of preparing industrial catalysts for the hydrogenation of fats. B.N.Tiutiunnikov, [illegible] Masl.-zhir.prom. 26 no.6:[illegible] Je '60.

Our experience in improving the process of deodorization of fats. A.S.[illegible] Masl.-zhir. prom. 26 no.4:[illegible] Ap '60.

Problems in the quantitative determination of radical selectivity in the hydrogenation of fats. B.N.Tiutiunnikov, [illegible] Masl.-zhir. prom. 26 no.[illegible] Ap '60.

Processing whole dry mint plants in continuous [illegible] units. N.N.Kasimovskaia. Masl.-zhir.prom. 26 no.6:[illegible] Je '60.

Reactions of hydrogen [illegible] fats and their [illegible] synthetic analogs [illegible] of high-molecular weight fatty acids. [illegible] '59.

Rise in the world production of fats (from "Food Manufacture," no.6, 1959). O.K.Pal'tsina. Masl.-zhir.prom. 26 no.3:45 Mr '60.

Use of [illegible] in the [illegible] of vegetable oils. [illegible] Masl.-zhir. prom. 26 no.4:[illegible] Ap '60.

OILS AND FATS—ANALYSIS

Study of the effect of production processes on the content of tocopherols in vegetable oils. N.I.Kogan, M.S. Kustanovich. Masl.-zhir.prom. 26 no.6:8-9 Je '60.

OILS AND FATS, EDIBLE

Emulsification of milk fat by means of emulsifying agents. M.M.Kazanskii, G.V.[illegible], V.P.[illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.1:[illegible] '60.

Powdered fat for food concentrates. I.S.Vol'per. Kons. i ov.prom. 15 no.4:19-20 Ap '60.

Qualities of fats required in making the chief varieties of confectionery products. M.IA.Antokol'skaia. Khleb.i kond.prom. 4 no.3:11-13 Mr '60.

OILSEEDS see subdivision under Omsk Province

OINTMENTS

Cleansing and protective paste for protecting the skin from suppurative diseases. [illegible] Zdrav. Belor. [illegible]

OKA RIVER—BRIDGES, CONCRETE

Organization of research at the construction site of a bridge across the Oka River. V.I.Karpinskii. Transp. stroi. 10 no.1:30-31 Ja '60.

OKA VALLEY—SLAVS

Anthropological characteristics of Slavic tribes of the Dnieper and Oka Valleys in the Middle Ages. T.I. Alekseeva. Vop.antr. no.1:97-101 '60.

OKER RIVER—DAMS

Combined type of dam on the Oker River. A.A.Benkevich. Energokhoz.za rub. no.5:37-38 S-O '57.

OKHOTSK, SEA OF—CYCLONES

The anticyclone of the Sea of Okhotsk. O.K.Il'inskii. Trudy Dal'nevost. NIGMI no.7:10-32 '59.

OKHOTSK, SEA OF—DEEP-SEA DEPOSITS

Bottom sediments of the Sea of Okhotsk. P.L.Bezrukov. Trudy Inst.okean. 32:[illegible] '60.

[illegible]

Distribution of Foraminifera in bottom sediments of the Sea of Okhotsk. Kh.M.Saidova. Trudy Inst.okean. 32: 96-173 '60.

OKINAWA ISLAND—AIR BASES, AMERICAN

The fate of the Forty-Sixth Prefecture (Okinawa, American atomic bomb outpost in the Far East [in English]) Reviewed by [illegible] Nov.vrem. 18 no.23:30-31 Je '60.

OLD AGE HOMES

(See also subdivision under [illegible])

[illegible]

[illegible]

OLD AGE PENSIONS

Deduction of old age pensions from the compensation for injuries to health. V.Dvas, V.Smirnov. [illegible] no.8:28-[illegible] '60.

Old age pensions [illegible] complete length of service. V.Pratsin [illegible] Ag '60.

OLEFINS

Conjugated systems. Part III. [illegible]

Interaction between [illegible]

Reaction of [illegible]

Catalytic [illegible]

OLEIC ACID

Effect of [illegible]

OLEOMARGARINE

Emulsifying properties of [illegible] pishch.tekh. [illegible]

OLIGOCHAETA

Respiration of [illegible] '60.

OLONETS DISTRICT—HISTORY

Egorov, F.L. [Olonets, an historical [illegible] local lore of the city and the district] [illegible] Petrozavodsk, Gos.izd-vo Karel'skoi ASSR, 1959. 199 p. (MIRA)

OL'SHANA DISTRICT (KIROVOGRAD PROVINCE)—DURABILITY EVALUATION

[illegible]

OLTENIA, RUMANIA—OIL FIELDS

[illegible]

OLYMPIC GAMES

[illegible]

OLYMPIC GAMES—BASKETBALL

Basketball. V.A.Grigor'ev. Teor. i prak. fiz. kul't. 23 no.6:456-458 '60.

OLYMPIC GAMES (WINTER)

(See also subdivision under Squaw Valley, Calif.)

Correlation of forces between speed skaters at the Eighth Winter Olympic Games. [illegible] Teor. i prak. fiz. kul't. 23 no.[illegible]

Figure skating at the Olympic games. [illegible] Teor. i prak. fiz. kul't. 23 no.[illegible]

Foreign athletes are training for the Eighth Winter Olympic Games. G.M.[illegible] Teor. i prak. fiz. kul't. 22 no.12:[illegible]

Hockey at the Olympic games. V.V.[illegible] Teor. i prak. fiz. kul't. 23 no.[illegible] '60.

OMENTUM—TRANSPLANTATION

Method for treating perforated [illegible] ulcers by tamponade with isolated omentum. [illegible] Khirurgiia 35 no.[illegible]

OMSK—PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Constructing precast towers and petroleum separators at the Omsk Petroleum Refinery. V.A.Nasarevsky. Mont.i spets.rab.v stroi. 22 no.3:5-7 Mr '60.

OMSK PROVINCE—[illegible]

[illegible] in the Omsk [illegible] [Omsk] Omskoe [illegible]

OMSK PROVINCE—ECONOMIC POLICY

[illegible] economic con[illegible] Dal.[illegible] 18 [illegible]

OMSK PROVINCE—[illegible]

[illegible] from [illegible] Mal'tseva, [illegible]

OMSK PROVINCE—[illegible]

[illegible] oil producing [illegible] Dal.[illegible] 25 [illegible] Je '60.

OMSK PROVINCE—[illegible]

[illegible] regions [illegible] A.Burikov. [illegible]

[illegible]

[illegible] the develop[illegible] Rudnikov. [illegible] I.I. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] health [illegible] M.Bergman, [illegible] '60.

[illegible]

[illegible]

[illegible]—EQUIPMENT AND SUPPLIES

[illegible] Mr '60.

[illegible]

[illegible] Mr '60.

[illegible]

[illegible] Expansion] [illegible]

[illegible] '60.

[illegible]

[illegible]EARTH [illegible]

[illegible] see also subdivisions under Kazan, London, Moscow

[illegible]

[illegible] Wolfgang Amadeus [illegible] Muzgiz, 1952. 166 p.

[illegible] see also subdivision under United States

[illegible]

Device for [illegible] measurement of the quality of ground [illegible] surfaces. [illegible] '60.

Instrument for conducting laboratory work in optics. [illegible] '60.

The USSR [illegible] V. A. [illegible] '60.

OPTICAL MEASUREMENTS

[Polarization optical method for stress analysis; proceedings of the conference of February [illegible], 1958] Poliarizatsionno-opticheskii metod issledovaniia napriazhenii; trudy konferentsii [illegible] fevralia 1958 goda. [Leningrad] Izd-vo Leningr. univ., 1960. 450 p. illus.

Using optically [illegible] devices for measuring [illegible] optical instruments. [illegible] '60.

OPTICS, GEOMETRICAL

Direction of the rotation of objects observed through an inverting optical system. P. E. Slabunov. Izv. AN SSSR. Ser.geofiz. no.6:811 Je '60.

[illegible]

ORAL COMMUNICATION

[illegible] '60.

[illegible]

[illegible] '60.

[illegible]

[illegible] '60.

[illegible]

[illegible]

[illegible] see [illegible]

[illegible]

[illegible]

ORE DEPOSITS

(see also subdivision under [illegible])

[illegible]

ORE DEPOSITS — CLASSIFICATION

[illegible]

ORE DRESSING

(see also subdivision under Krivoy Rog)

Akademiia nauk SSSR. Institut [illegible] [Mineral dressing] [illegible] Moskva [illegible]

[illegible] '60.

ORE DRESSING — EQUIPMENT AND SUPPLIES

Akademiia stroitel'stva i arkhitektury SSSR. Institut [illegible] Moskva, 1959. 31 p.

OREKHOVO-ZUYEVO — PLASTICS — ELECTRIC PROPERTIES

Machine for testing the electrical strength of articles and [illegible] '60.

OREKHOVO-ZUYEVO — PLASTICS INDUSTRY — EQUIPMENT AND SUPPLIES

[illegible] Karbolit [illegible] plant. [illegible]

OREL — APARTMENT HOUSES — MANAGEMENT

Improving management of apartment houses in the city of Orel. V. [illegible] Zhil.-kom.khoz. 10 no.3:[illegible] '60.

OREL PROVINCE — PEASANTRY

Peasant rent in the Orel Government toward the end of the 19th century, 1880-1900. N. P. Borodin. Vest. Mosk. un. Ser. 9: Ist. 15 no.4:44-68 My-Je '60.

ORENBURG — GAS DISTRIBUTION

[illegible] source for the gasification of Orenburg. M. F. [illegible] Gaz. prom. 5 no.4:[illegible] '60.

ORENBURG — NURSERY SCHOOLS — FIRES AND FIRE PREVENTION

Fire prevention in nursery schools [illegible] Pozh. delo 6 no.6:[illegible] Je '60.

ORENBURG — SILK MANUFACTURE — TECHNOLOGICAL INNOVATIONS

[illegible] D. [illegible] Tekst. prom. [illegible] no.3:11 [illegible] Mr '60.

ORENBURG PROVINCE — ECONOMIC CONDITIONS

[illegible] Agitator no.7:[illegible] Ap '60.

ORENBURG PROVINCE — FARM MECHANIZATION — STUDY AND TEACHING

[illegible] no.2:[illegible] '60.

ORENBURG PROVINCE — PHYSICAL GEOGRAPHY

Neustroev, S.S. [Natural regions in Orenburg Province, a geographical sketch] Estestvennye raiony Orenburgskoi gubernii; geograficheskii ocherk. [Chkalov] Chkalovskoe izd-vo, 1950. 154 p.

ORES

[illegible] '60.

ORES — SAMPLING AND ESTIMATION

[illegible] A. [illegible] '60.

ORES, MAGNETIC SEPARATION OF see Magnetic separation of ores

ORGANIC COMPOUNDS

[illegible] '60.

ORGANIC COMPOUNDS — SPECTRA

Linear fluorescence spectra of organic compounds and their applications. E. V. Shpol'skii. Usp.fiz.nauk. 71 no.2:215-242 Je '60.

[illegible]

[illegible] 1959. 11 p. [illegible]

ORIENTAL CIVILIZATION see Civilization, Oriental

ORIENTAL LEGENDS see Legends, Oriental

ORIENTAL STUDIES

(see also subdivision under Leningrad)

Forty years of Soviet orientalism. V. V. Struve. [illegible] '60.

ORIENTAL STUDIES — BIBLIOGRAPHY see Bibliography Oriental studies

ORIENTATION

Correlation of unpleasant sensations with [illegible] [with summary in English]. A. [illegible] '60.

ORIGIN OF MAN see Man—Origin

ORIGIN OF SPECIES

Metaphysical nature of the theory of mutations. Kh. [illegible] Nauch. dokl. vys. shkoly; filos. nauki 3 no.1:110-118 '60.

"The species and its evolution" [in English] by A. Cain [illegible] '60.

ORLON

Improvement in the method of preparing polyacrylonitrile fibers and films (British patent No. [illegible]). Khim. volok. no.1:74 '60.

ORLOV PROVINCE — INDUSTRIAL HYGIENE

An urgent problem. I. [illegible] Gig. truda i prof. zabol. [illegible] '60.

ORNITHINE

Transformation of amino acids of the ornithine cycle in [illegible] [with summary in English]. [illegible] Biokhimiia 25 no.1:[illegible] Ja-F '60.

Zool. zhur 39 no 2 316-320 F '60.

ORSHA—INDUSTRIAL MANAGEMENT

We rely on the experience and industrial skills of the masses A. Romakin. Komm Bel 34 no 3 37-40 Mr '60

ORTHODONTIA

Clinical prerequisites for orthopedic intervention in paradentosis. A. I. Betel'man. Probl. stom. 4 327-333 '58.

Prosthesis in paradentosis. A. D. Mukhina. Probl. stom. 4 345-349 '58.

Traumatic occlusion and methods for its elimination in paradentosis. Z F. Vasilevskaia. Probl. stom. 4·351-356 '58.

Use of orthopedic methods in the over-all treatment of paradentosis. M. R. Marei. Probl. stom. 4 335-344 '58.

ORTHODOX EASTERN CHURCH
(see also subdivision under Ukraine)

Present-day Orthodoxy. L. N. Mitrokhin Nauka i rel. no.1 23-31 '59.

ORTHODOX EASTERN CHURCH—BIBLIOGRAPHY see Bibliography—Orthodox Eastern Church

ORTHODOX EASTERN CHURCH—LITURGY AND RITUAL

Orthodox Eastern Church. Liturgy and ritual. [Book of the liturgical services] Sluzhebnik. Moskva, Moskovskaia Patriarkhiia, [1958] 1 v
(NN)

Orthodox Eastern Church. Liturgy and ritual. Leitourgikon. [Prayerbook, a liturgical work of the 14th century] Molytovnyk, sluzhebnyk pamiatka XIV stolittia. N'iu Iork [Consistory of the "Ukrainian Orthodox Church of U.S.A.] 1960 (i.e. 1959). 179 p.
(CtY)

ORTHODOX EASTERN CHURCH—YEARBOOKS

[Orthodox Church calendar for 1959] Pravoslavnyi tserkovnyi kalendar' na 1959 god [Moskva] Izd Mosk. Patriarkhii [n.d.] 79 p.

ORTHOPEDIA

Kiev. Ukrainskii nauchno-issledovatel'skii institut ortopedii i travmatologii. [Session of the Ukrainian Research Institute for Orthopedics and Traumatology and its affiliates on the 40th anniversary of the Great October Revolution, authors' abstracts] Nauchnaia sessiia Ukrainskogo nauchno-issledovatel'skogo instituta ortopedii i travmatologii i ego opornykh punktov, posviashchennaia 40-letiiu Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, avtoreferaty dokladov. Kiev, 1957 151 p.
(DNLM)

ORTHOPEDIC APPARATUS

Orthopedic supply in Bechterew's disease. N V. Belokonskaia. Trudy Len gos. nauch.-issl. inst. travm. i ortop no 7·203-209 '58.

OSCILLATIONS

Excitation of oscillations in a small gyrotropic sphere. Siu IAn'-shen. Radiotekh. i elektron. 5 no. 6:1001-1002 Je '60.

Forced oscillations in a parametrically regenerated system. V. V. Mugulin. Radiotekh. i elektron. 5 no. 6 955-961 Je '60

Point method for the transformation of a line into a line N N Leonov Izv. vys ucheb zav, radiofiz 2 no 6 942-956 '59

Selfoscillations in a platform supported by a dynamic stand [with summary in English]. G P. Miroshnichenko Avtom i telem 21 no 3 293-300 Mr '60

OSCILLATORS, ELECTRIC

Amplitude-stabilized oscillators with automatic gain control. A. A. L'vovich Radiotekhnika 15 no. 4· 54-62 Ap '60.

Effect of modulation of the thickness of the collector of a p-n junction at the operation of a transistor oscillator. L. N. Kaptsov. Radiotekh. i elektron. 5 no. 7·1165-1172 Jl '60.

Expanding the use of the LGZ-10 high-frequency oscillator V M Azhazha, V S. Gumeniuk, B E Popov Prib i tekh. eksp. no 1 102-103 Ja-F '60.

Generator of high-power current pulses. V. M. Kul'gavchuk, N. A. Protopopov Prib i tekh eksp no 1 85-89 Ja-F '60.

Investigation of possible transistor blocking oscillators V N. IAkovlev Izv vys ucheb zav., radiotekh 2 no 6 720-728 N-D '59

Natural contour of the spectral line of a harmonic oscillator. E. P. Gribkovskii. Vestsi AN BSSR, Ser. fiz.-tekh. nav. no. 1 13-50 '60.

Shiriaev, N P [Generators of nonsinusoidal oscillations] Generatory nesinusoidal'nykh kolebanii Moskva, Voen izd-vo M-va obor. SSSR, 1960. 55 p. (Radiolokatsionnaia tekhnika)

OSCILLATORS, ELECTRON-TUBE

Calculation of vacuum-tube oscillators with complex circuits and optimum use of the tube by considering its plate dissipation. D. P. Linde. Radiotekhnika 15 no.4 50-53 Ap '60

712-719 N-D '59.

Pulse generator L Panfilova. Radio no. 3·59 Mr '60.

OSCILLOGRAPH

Tuning of medium wave antennas with the use of an oscillograph. A D Baranov. Vest. sviazi 20 no 3 11-12 Mr '60

OSCILLOGRAPHY

"Arterial oscillography in medical practice in sports" by V. A. Makarov. Reviewed by A. A. Vilkovyskii. Teor. i prak. fiz. kul' 23 no 2·156 '60.

OSEL (ISLAND)—METEORITES

Kuznetsova, L. I, and I B. Evgen'ev. [Mystery of the Island of Saaremaa] Taina ostrova Saaremaa. Moskva, Gos izd-vo geogr. lit-ry, 1960. 122 p

OSHANIN, LEV VASIL'EVICH, 1884-

Lev Vasil'evich Oshanin's birthday. Vop antr. no. 1·120 '60

OSIPOVICHI—TRIPLETS

Happy families. Hanna Laryna. Rab. i sial. 36 no. 2· 22 F '60.

I am also happy. Maryia Zemlianik. Rab. i sial. 36 no. 2 22 F '60.

OSSETIA—COLLECTIVE FARMS

The struggle of the Northern Ossetian party organization for the political, organizational and economic consolidation of collective farms, 1932-1934 K A. Bitaev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1 131-161 '58

OSSETIA—COMMUNIST YOUTH LEAGUE

Materials on the history of the Northern Ossetian Communist Young League, 1918-1925. M. M. Bliev, N. P. Belikova. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1·51-71 '58

Military exploits of the Northern Ossetian Communist Youth League during the period of the Great Patriotic War. A A. Tedtoev. Izv. Sev.-Oset. nauch-issl. inst. 21 no. 1 163-177 '58.

OSSETIA—FIRE PREVENTION

Man of action. I. Mialkin. Pozh. delo 6:11-12 Je '60.

OSSETIA—PUBLIC HEALTH

Public health in Northern Ossetia during the early years of the Soviet regime. E. D. Gribanov. Izv. Sev.-Oset. nauch-issl. inst. 21 no. 1:73-90 '58.

OSSETIA—REVOLUTION, 1917-1921

From the history of the struggle of the laboring class of Northern Ossetia for the establishment of the Soviet regime, 1917-1920. G. A. Tidzhiev. Izv. Sev.-Oset. nauch.-issl. inst. 21 no. 1:31-50 '58.

OSSETIA—WORLD WAR, 1939-1945

Military exploits of the Northern Ossetian Communist Youth League during the period of the Great Patriotic War. A. A. Tedtoev. Izv. Sev. Oset. nauch.-issl. inst. 21 no 1:163-177 '58.

OSSETIA, NORTH—CONSTITUTION

Severo-Ossetinskaya A.S.S.R. Constitution. [Constitution (fundamental law) of the North Ossetian Autonomous Soviet Socialist Republic; with amendments adopted at the eighth session of the Fourth Supreme Soviet of the North Ossetian A.S.S.R.] Konstitutsiia (osnovnoi zakon) Severo-Ossetinskoi Avtonomnoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami, priniatymi na 8 sessii Verkhovnogo Soveta Severo-Ossetinskoi ASSR 4 sozyva. Ordzhonikidze, Izd. Verkhovnogo Soveta Severo-Ossetinskoi ASSR, 1959. 26 p.
(MiU)

OSSIFICATION

Role of dissolved and precipitated lime salts (petrificates) in the process of ossification. P. V. Sipovskii. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:3-16 '58.

OSTEOCHONDROSIS

Osteochondropathy of the caput femoris in children. M. N. Volkov. Zdravookhranenie 2 no. 6:21-25 N-D '59.

OSTEOMYELITIS

Circular resection of a bone in chronic diaphysary osteomyelitis with replacement of the defect formed by an autotransplant insert. R. S. Manukian. Azerb. med. zhur. no. 3:73-76 Mr '60.

OSTEOPLASTY see Bone grafting

OSTEOTOMY

Subtrochanteric osteotomy as a method for correction of a defective position of the hip. E. K. Tateosova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:170-176 '58.

OSTRACODA, FOSSIL see subdivision under Russian Platform; Siberian Platform

OSTROVSKII ALEKSANDR NIKOLAEVICH, 1823-1886

Honorary members of Kiev University. A. Matsai. Ukraina no 6·22 Mr '60

A writer's articles ("Social and political writings of Nikolai Ostrovskii" by M. S. Lohvynenko Reviewed by P. Lysiuk). Ukraina no 6:24 Mr '60

OTORZHKA—RAILROAD RESEARCH

The main objective must be practical assistance to enterprises F Liamets, V. Khokhlov. NTO 2 no. 3:49-51 Mr '60.

OUTBOARD MOTORBOATS

Hydroplane boat designed by K. Zolot'ko. Za rul. 18 no. 2:16-17 F '60.

OUTBOARD MOTORS—MODELS

Outboard motor for model boats. IUn. tekh. 4 no. 3:56-57 Mr '60.

OUTER SPACE—CONGRESSES

Astronaut conference in Heidelberg. L. I. Sedov. Nov. vrem. 18 no. 27:24-25 Jl '60.

OUTER SPACE—EXPLORATION

Ionized gas and fast electrons in the vicinity of the earth and in interplanetary space. K. I. Gringauz and others Dokl. AN SSSR 132 no 5 1002-1005 Je '60.

Soviet man subdues space. Zhen. mira no. 1:6 '59.

We are penetrating the sky Agitator no 11,12 11 Je '60

OVARIES

Histological structure of the ovaries in a rhesus monkey (macaca rhesus) during the postnatal ovogenesis. IU. S. Bocharov. Vop. antr. no 2 123-126 '60

Histomorphology of the ovary of sexually immature rabbits following parenteral feeding. V. V. Makhovko, A. A. Rodnikov. Uch. zap. 2-go MGMI 10·143-153 '59

Histomorphology of the ovary of sexually immature rabbits under normal conditions and in starvation V. V. Makhovko Uch. zap. 2-go MGMI 10·130-142 '59

OVARIES—DISEASES

Endocrine character of the anovular sexual cycle. E. I Smirnova. Uch. zap. 2-go MGMI 10:164-171 '59

Restoration of the ovular function of the ovary by elimination of the iodine deficiency in the diet. E. I Smirnova. Uch zap 2-go MGMI 10:175-191 '59

OVERVOLTAGE

Mechanism of the change with time in the oxygen overvoltage on a nickel anode at constant current density IA. I. Tur'ian Dokl. AN SSSR 132 no 6 1366-1371 Je '60

Overvoltage arising during the electrodeposition and solution of metals. A. T. Vagramian, A. P. Popk... Izv. AN SSSR Otd. khim. nauk no. 5:816-820 My '60.

OVULATION

Determination of ovulation and its period in women. E. T. Vasil'eva. Kaz. med. zhur. 41 no. 1:51-53 Ja-F '60.

OVUM

Radiosensitivity and embryogenesis of Ascaris suum eggs. I. D. Vinogradova. Biofizika 5 no. 1:55-59 '60

OWLS see subdivision under Yakutia

OXAMIDE

Determination of ruthenium in the presence of uranium by means of rubeanic acid V. I. Shlenskaia Vest Mosk. un Ser. 2 Khim. 15 no 2 69-72 Mr-Ap '60

OXAZOLINONE

Condensed polymethylene derivatives of heterocycles, based on lactams. Part 2 Tendency of 2-phenyl-4-(2'-homopiperidylene)-5-oxazolone to rearrange into 2-phenyl-1, 5-pentamethylene-4-imidazolecarboxylic acid and its methyl ester. R. G. Glushkov, O. IU. Magidson Zhur ob khim. 30 no 6 1855-1860 Je '60.

Oxazolones (azlactones). S. I. Lur'e, E. S. Chaman. Reakts. org. soed. 9:155-266 '59.

OXIDATION

Basic methods and equipment for the investigation of metal and alloy oxidation processes. D. V. Ignatov. Trudy Inst. met. no. 5:202-237 '60.

Catalytic oxidation of propylene and acrolein on a copper contact. V. M. Belousov and others. Dokl. AN SSSR 132 no. 5·1125-1128 Je '60.

Comments on D. D. Ruschev's article. IU. M. Volkov. Koks i khim. no. 1:63 '60.

Comparative stability of fatty acids of normal structure to oxidation by molecular oxygen. B. I. Makalets. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:100-111 '60.

Dimer products of the autoxidation of unsaturated hydrocarbons. B. V. Eraffeu, A. L. Chyrko. Vestsi AN BSSR Ser. fiz.-tekh. nav. no. 1:61-60 '60.

Effect of alkali as a constituent of the catalyst on the rate of oxidation of paraffins. D. N. Tiutiunnikov, A. A. Perchenko. Masl.-zhir. prom. no. 3:23-26 Mr '60.

Intermediate reactions of ketones in the liquid-phase oxidation of octadecane. I. V. Berezin, A. M. Ragimova. Dokl. AN Azerb. SSR 16 no. 1:19-22 '60.

OXIDATION (Continued)

Liaskovskaia, IU. N., and V. I. Plul'skaia. [Methods for investigating the oxidative spoiling of fats] Metody issledovaniia okislitel'noi porchi zhirov. Moskva, GOSINTI, 1960. 51 p.

Liquid phase oxidation of xylene isomers by atmospheric oxygen [in Azerbaijan with summary in Russian]. N. M Seidov, A. A. Bakhshi-zade, S. D. Mekhtiev. Azerb. khim. zhur no. 1,23-29 '59.

Manganese pyrolusite as a paraffin oxidation catalyst. B. N. Tiutiunnikov, A. A. Perchenko Khim i tekh. topl. i masel 5 no 1:14-19 Ap '60.

Mechanism of the protection of magnesium against oxidation M. S. Beletskii, M. I. Erusalimskii Dokl AN SSSR 132 no 5 1122-1124 Je '60

Oxidative desulfurization of benzene. N. N. Nechiporenko, B. R. Manoilenko. Koks i khim. no. 3:37-42 '60.

Production of fatty alcohols by the method of direct oxidation of petroleum paraffins. Izv. vys. ucheb. zav., neft' i gaz 3 no 2 63 '60.

Thermographic analysis in the study of the coals of the oxidation zone. A. I. Khrisanfova, G. N. Soboleva, B V Semendeev Khim i tekh topl. i masel 5 no. 4:33-30 Ap '60

XIDATION, PHYSIOLOGICAL

Comparative evaluation of some types of anesthesin in surgery. K. G. Kalumov. Med. zhur. Uzb. no. 11:51-54 N '58.

Effect of certain trace elements on the residual oxidizability of blood and the oxidizability of intermediate products of metabolism. F. IA. Berenshtein, M. M. Kichina. Dokl. AN BSSR 4 no. 2 62-65 F '60

Oxidation of tyrosine in rat liver slices [with summary in English]. Wang Chung-yen. Biokhimiia 25 no 1,118-123 Ja-F '60.

Oxidation processes in various forms of endocarditis. G. I. Voznesenskaia Mat po obm. nauch inform. no. 2: 11-16 '58.

Oxidation processes of biologically-active substances in a field of ultraviolet waves [with summary in English]. I. E. El'piner, A. V. Sokol'skaia. Biofizika 5 no. 1:21-27 '60.

Phosphorylating and nonphosphorylating pathways of oxidation, multiple change-over [with summary in English]. V. P. Skulachev, I. L. Kiselev. Biokhimiia 25 no. 1: 90-95 Ja-F '60.

IDATION-REDUCTION REACTION

Experimental study of the process employed for the production of synthesis gas, involving the oxidation of natural gas by oxygen and a subsequent reduction of the oxidation products by the fuel carbon. N. V. Lavrov, I. I. Chernenkov, V. V. Korobov. Trudy IGI 11.50-65 '59.

roblems of energy and electron migration in photosynthesis and oxidation; general discussions of the Faraday Society, Apr. 14-16, 1959. A. N. Terenin. Biokhimiia 25 no. 1:180-186 Ja-F '60.

tudying the relation between the magnitude of the oxidation-reduction potential and the biological activity of peat soils I. S. Lupinovich, I. N Solovei, K N. IAnushkevich Trudy Belar. nav -dasl inst mel i vod husp 8 187-204 '58

hermodynamic analysis of the oxidation of methane by oxygen with subsequent reduction of the oxidation products by the fuel carbon. I. I. Chernenkov. Trudy IGI 11: 46-55 '59.

DES

asymmetrical α-oxides Part 2 Synthesis and properties of oxides of methylphenylethylene, ethylphenyl- thylene, methyl-n-tolylethylene, methylbenzylethylene, and methylcyclohexylethylene. M S Malinovskii, A G. Udesina Zhur. ob khim. 30 no. 6 1831-1837 Je '60

MES

ganosilicon esters of oximes. B. N. Dolgov and others. Izv. AN SSSR Otd. khim. nauk no. 5:951 My '60.

PROCESS

oduction of butyraldehydes and butyl alcohols by the xo synthesis. D. M. Rudkovskii, A. G. Trifel', K. A. lekseeva. Khim. prom. no. 8:652-658 D '59.

GEN

etics and mechanism of the reaction between ethyl dicals and molecular oxygen. L. I. Avramenko, R. V. olesnikova. Izv. AN SSSR Otd. khim. nauk no. 5:806-811 y '60.

w-pressure setup for obtaining large amounts of aseous industrial oxygen, and problems related to the rying and removal of CO_2 from air S. S Budnevich, K. Kondriakov. Trudy LTIKHP 13.128-134 '57.

GEN—ANALYSIS

ermination of active oxygen in charged metallocerami ckel electrodes. I. S. Mustafin, N. S. Frumina. Zav. b. 26 no. 4:410-412 '60.

GEN—INDUSTRIAL APPLICATIONS

verter steel produced by means of an oxygen blow. D. Kevesh, B. I. Kotov, V. M. Kobrin. Met. proizv. . 1:8-31 '60.

ygen in ferrous metallurgy" by A. V. Leskov. Book view. Metallurg 5 no. 3:38-40 Mr '60.

Use of oxygen in converter refining of phosphorous pig iron. N. P Levenets, A M Samarin. Trudy Inst met. no. 5 8-15 '60.

OXYGEN—PHYSIOLOGICAL EFFECT

Vascular reaction changes under the influence of oxygen therapy. IA. S. Lashchinskaia Mat. po obm. nauch inform no 2:63-77 '58

OXYGEN—THERAPEUTIC USE

Influence of oxygen therapy on myocardial function in patients with circulatory insufficiency as shown by electrocardiographic data. Preliminary report. I. K. Sledzevskaia. Mat po obm. nauch inform no 2:135-145 '58.

Significance of physical exertion in the detection of external respiration disturbances and in the evaluation of the effectiveness of oxygen therapy and exercise therapy in first-stage hypertension N. S. Zanozdra Mat po obm. nauch inform no 2:55-62 '58

Subcutaneous use of oxygen in chronic eczema. V. A. Lukashev. Kaz. med. zhur. 41 no. 1:120 Ja-F '60

Treatment of pneumonia in infants with subcutaneous injection of oxygen. F. I. Bellavskii. Med. zhur Uzb. no. 5,63 My '58.

OXYGEN DEFICIENCY IN THE BLOOD see Anoxemia

OYSKIY RANGE—SNOW

Observing the snow cover on the Oyskiy Range (Western Sayan Mountains) Sh. A. Kharshan, A. I. Rimashevskii Trudy TSIP no. 96:76-84 '60

OZHEREL'YE—RAILROADS—EMPLOYEES

A "necklace" worth half-a-million A Romov Smena 37 no 12 10-11 Je '60

OZOCERITE see subdivision under Aleksandriya

OZONE

The ecliptic effect in the ozone layer Sh. A. Bezverkhnii Trudy KazNIGMI no 11 162-175 '59.

PACIFIC OCEAN—CLIMATE

Characteristics of climatic zones in the central part of the Pacific Ocean, according to observations made during the cruise of the "Vitiaz'." M E. Liakhov. Izv. AN SSSR. Ser. geog. no. 3:71-74 My-Je '60.

PACIFIC OCEAN—FISHERIES—RESEARCH

Fisheries research in the Pacific P A. Moiseev Vest AN SSSR 30 no 6 109-111 Je '60

PACIFIC OCEAN—OCEAN BOTTOM

Fundamental data on the hydrology of Pacific trenches. A. D. Dobrovol'skii, V. V. Leont'eva. Izv. AN SSSR. Ser. geog. no. 3:12-25 My-Je '60.

PACIFIC OCEAN—OCEANOGRAPHIC RESEARCH

Third and fourth cruises of the "Vitiaz'" under the program of the International Geophysical Year. V. P. Petelin, N. N. Sysoev. Mezhdunar. geofiz. god no. 8:47-59 '60.

PACIFIC OCEAN—SALMON

Time of the formation of annual rings on scales of the Pacific salmon and growth rate of the humpback salmon I. B. Birman. Dokl AN SSSR 132 no 5 1187-1190 Je '60

PACIFIC OCEAN—SUBMARINE TOPOGRAPHY—NOMENCLATURE

Nomenclature of principal forms of the bottom relief of the Pacific Ocean [with summary in English]. A. M. Muromtsev. Trudy GOIN no. 48:86-94 '59.

PACIFIC OCEAN—SULFUR COMPOUNDS

Sulfur compounds in bottom sediments of the northwestern Pacific. E. A. Ostroumov, L. S. Fomina. Trudy Inst. okean. 32,206-214 '60.

PACKAGING

New books on foreign practice ("Containers and packaging abroad"; "Commercial advertising abroad." Reviewed by A. Gavrilov). Sov. potreb. koop. 4 no. 3:92-93 Mr '60.

PACKED TOWERS

Investigating the functioning of a pulse packing column. S. M. Karpacheva, A. M. Rozen, V A. Vasil'ev Khim. mash. no. 2:13-16 Mr-Ap '60.

New method of examining the functioning of packed rectification columns. I P. Slobodianik Izv. vys. ucheb. zav., pishch. tekh. no 1 112-116 '60.

PACKING (MECHANICAL ENGINEERING)

Device for profiling packing tendrils. I. A. Burmistrov, V. V. Ivkin. Mashinostroitel' no. 3:17 Mr '60.

Increasing the reliability of packing glands in heating systems. V. V. Ovechnikov. Energetik 8 no. 2 9 F '60.

Packing of small and large bell rods. N. F Maksimenko, A. Sakharskii, N. I. Kartamyshev. Metallurg 5 no. 3 4 Mr '60

Rubber cups as a packing for centrifugal pumps. B. S. Modestov, A. V Uspenskii. Khim. mash no. 2,8-9 Mr-Ap '60.

Testing hydraulic cup packings in case of spiral relative displacement of packed surfaces IU A Bocharov Vest. mash. 40 no 4 26-29 Ap '60.

PACKING FOR SHIPMENT

The Moskvich automobile in a "shirt." N Makartsev. Mashinostroitel' no. 3 27 Mr '60

PAI, YEN-HU

Sushanlo, Mukhamed. [The Dungan uprising of the second half of the 19th century and Pai Yen-hu's role in it] Dunganskoe vosstanie vtoroi poloviny XIX veka i rol' v nem Bai IAn'-khu. Frunze, Kirgizskoe gos. izd-vo, 1959. 117 p.

PAIN

"Some questions in the problem of pain in traumatology and orthopedics" by D. A Novozhilov. Reviewed by S. F Godunov. Khirurgiia 35 no. 12:112-114 D '59.

PAINE, THOMAS, 1737-1809

Thomas Paine, critic of religion ("Selected works" by Thomas Paine. Reviewed by M. Baskin). Nauka i rel. no. 3:92-93 N '59.

Thomas Paine's views on the state and law. B. S. Gromakov Sov. gos. i pravo no. 6:93-104 Je '60.

PAINT INDUSTRY—STANDARDS

Russia (1923- U. S. S. R.) Glavnoe upravlenie lakokrasochnoi promyshlennosti. [Collection of standards and technical specifications for production in the paint industry] Sbornik standartov i tekhnicheskikh uslovii na produktsii lakokrasochnoi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry

No 4 1959. 451 p.
No. 5. 1959 409 p.

PAINT SPRAYING see Spray painting

PAINTING, INDUSTRIAL

Electric painting and heat-radiation drying M. I. Tsytlin Mashinostroitel' no 4 30-31 Ap '60.

Painting machine tools. N. N. Koval'skii. Stan. i instr. 31 no. 3:26-28 Mr '60.

PAINTINGS—EXHIBITIONS see subdivision under Moscow

PAKISTAN

"Afro-Asia" on Pakistan. N. Mukhamedov. Sovr. Vost. no. 6,63 Je '60.

PALATE—SURGERY

Late functional results of radical uranoplasty. N. I. IArchuk. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:273-276 '58.

PALATE, CLEFT see Cleft palate

PALEOBOTANY see subdivision under Klin-Korish Mountain; Ukhata region (Komi A. S. S. R.)

PALEOBOTANY, STRATIGRAPHIC see subdivision under Grodno Province, Stalingrad Province; Yalama region

PALEOGEOGRAPHY see subdivision under Siberia, Western

PALEOGEOGRAPHY—MAPS see subdivision under Moldavia, Ukraine

PALEONTOLOGY

(see also subdivision under Kazakhstan)

Darwinian theory as the basis of evolutionary paleontology. T. V. Loit. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1: 100-109 '60.

The imperfection of paleontological chronicles. A. A. Chernov. Paleont. zhur. no. 4:17-29 '59

Neocatastrophism in modern paleontology. D. L. Stepanov. Paleont zhur. no 4:11-16 '59.

On the 175th anniversary of a paleontological manual ("The stone kingdom" by Johann Walch. Reviewed by V. N. Shimanskii) Paleont. zhur. no. 4 151-153 '59.

PALYNOLOGY
(see also subdivision under Dzungaria)

Activities of the Palynological Commission of the All-Union Botanical Society from May, 1956 through May 1959. I A Kuprianova, A I. Asatkina Bot. zhur 45 no 3 463-466 Mr '60

PAMIRS—CAVES

Crystal caves in the Pamirs. L D Miroshnikov. Priroda no 6 81 Je '60

PAMIRS—ETHNIC TYPES

The Pamirs Anthropological Expedition of 1957 IU G Rychkov. Vop antr no. 1 139-143 '60.

PAMIRS—FORESTS AND FORESTRY

Objectives in the preservation and restoration of Pamir forests. O E. Agakhaniants. Okhr. prir. i zapov delo v SSSR no. 4 23-28 '60.

PAMIRS—TAJIKS
Blood groups of the Pamirs Tajiks G L Khit' Vop. *antr no 1 67-70 '60*

PANCHANKA, PIMEN EMEL'IANAVICH, 1917-
Patriotic songs ("Collected works in two volumes" by Pimen Panchanka. Reviewed by V. Burnosau). Belarus' 17 no. 3:10 Mr '60.

PANCREAS

Changes in the external secretion of the pancreas in experimental cholemia and following restoration of the passage of bile into the intestine D N Buachidze Soob AN Gruz SSR 23 no 5 607-610 N '59.

Trace element content of the liver and pancreas of cattle. *E N Mazgovaia, N V Arnautov Izv Sib otd. AN SSSR* no. 2 104-110 '60.

Tryptic activity of the sperm whale pancreas A M. Sushko, Z. A. Emel'ianenko Soob. Prim otd VKHO no. 3 135-144 '57.

PANCREAS—DISEASES

Chronic pancreatitis A I. Frankfurt Zdrav Belor 6 no 2 57-58 F '60

Clinical forms of acute pancreatitis their *diagnosis and* treatment [with summary in English]. N.V Bystrov. Khirurgiia *35 no. 12 17-24 D '59*

Use of ganglion-blocking substances in acute pancreatitis. G S Lutsenko Vrach delo no 1·49-51 '60

PANCREAS—SECRETIONS

Studying *internal pancreatic secretion* in calves as related to age and feeding. M. M. Serykh. Izv. TSKhA no. 6: 161-172 '59.

PANCREAS—SURGERY

Surgical treatment of pancreatic cysts [*with summary in* English]. IU V. Kharin, Khirurgiia 35 no. 12 44-49 D '59.

PANCREATIC CYSTS

Case of a combination of a retention cyst of the pancreas with peptic ulcer B. V Narvskii Med. zhur. Uzb. no 8/9 123-124 Ag-S '58

PANFEROV, FEDOR IVANOVICH, 1896-
Meditation. M. Minkov. Chto chitat' 3 no. 1:21 Ja '60.

PANFEROVA, MARIIA IVANOVNA

Restless job M. Saratovskii Sov. pech no. 3 45-47 *Mr '60*

PANOVA, VERA FEDOROVNA, 1905-

"Stories" by Vera Panova. Reviewed by N. Gubko. Zvezda no 2·215-216 F '60.

PANTOGRAPH

Universal pantography. A. A. Stukolov. Teor. i prak. fiz. *kul'. 23 no. 2 151 '60*

PANTOMINE

Pantomime is a breath of poetry Marcel Marceau Teatr 21 no 3 190-191 Mr '60

PAPER
(see also subdivision under Czechoslovakia, United States)

Foreign trade of the U. S S. R. in woodpulp and paper goods N A. Lur'e. Bum. prom 35 no. 3 24-26 Mr '60.

Improvement of the manufacturing *technology of printing* paper N N. Kolosov. Bum. prom. 35 no. 3,9-10 Mr '60.

Methods of evaluating the printing properties of paper. V S. Korotkova, V A. Zaitseva Bum. prom. 35 no. 3: 13-15 Mr '60.

New book on the technology of woodpulp and paper production. *D. M Fliate.* Bum. prom 35 no. 1·29 Ja '60.

Smoothness of paper (from "Allgemeine Papier Rundschau," no 12, 1957) D. F. Bum. prom. 35 no. 1;26-28 Ja '60.

Synthetic latexes in the manufacture of chalk overlay paper. Z. L Zosim, G. IA Bunin, I N Koval'chuk Bum. prom. 35 no. 3 18-20 Mr '60

PAPER—ANALYSIS

Amperometric determination of sulfate and chlorine ions in paper and in hardboard A A. Dolgaleva, Bum prom 35 no 1·12-14 Ja '60

PAPER—BIBLIOGRAPHY see Bibliography—Paper

PAPER COATINGS

Using new materials in paper coating. S. V. Rodionov, M. K. Frukhtbein. Poligr. proizv. no. 2·23 F '60.

PAPER-CUTTING MACHINES

Modernization of the three-sided "BOP-1" cutting machine V V Lysov, B. I. Finkel'son. Poligr. proizv. no. 4;17-18 Ap '60.

PAPER ELECTROPHORESIS

Paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the spinal fluid. A. IU. Makarov. Kaz. med. zhur. 41 no. 1;59-64 Ja-F '60.

PAPER INDUSTRY
(see also subdivision under Hungary)

Active participation of members of the Scientific and Technical Society in the further development of the pulp and paper industry. Bum. prom 35 no. 2 2-3 F '60.

High quality paper and cardboard for the Soviet printing industry. Bum prom 35 no 3·2-4 Mr '60

Problems in using reeds of the Volga Delta as raw material for the cellulose and paper industry. S A Gubaidulin Trudy Okean. kom. 5 339 '59.

Woodpulp and paper industry in 1960. Bum. prom 35 no 1 2-3 Ja '60

PAPER INDUSTRY—CONGRESSES

Conference and seminar on the quality control of production. Bum. prom 35 no 1 28 Ja '60.

PAPER INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Balakhna)

Interfactory school for the exchange of experience. M. M. Kopantsev. Bum. prom. 35 no. 2 30-31 F '60.

PAPERBOARD
(see also subdivision under United States)

More consideration to be given to the quality of the bookbinding board and flyleaf paper A V, Sidorova, R P Rubinshtein Bum prom. 35 no 3 10-12 Mr '60

PAPERMAKING MACHINERY
(see also subdivision under Balakhna, United States)

Analysis of the effectiveness and production capacity of papermaking machines. G. Z. Rozenfel'd Bum. prom. 35 no 1 24-26 Ja '60

"PVR" wallpaper printing machine. E. Z. Zaranovskii. Bum. prom. 35 no. 2 15-17 F '60.

Removal of wet paper sheets and its effect on the operation of papermaking machines. J. Mardon. Bum. prom. 35 no. 2 9-13 F '60.

PAPERMAKING MACHINERY—ELECTRIC DRIVING

Speed regulation system for the drive motor of a papermaking machine I. E. V'iukov Bum. prom. 35 no. 3; 20-23 Mr '60

PARACHUTE TROOPS

Airborne infantry. I. Lisov. Kryl. rod. 11 no. 4·22-24 Ap '60.

Blow from the skies. Sov. voin 42 no. 12 10-17 Je '60.

PARACHUTES

Comparative testing of fabrics on an air permeability apparatus and in a wind tunnel. L V. Potapova. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1:40-45 '60.

PARACHUTING

Dreams come true; a sketch P. Korzhikin. *Kryl. rod.* 11 no 3:8-9 Mr '60

How to improve parachute jumping techniques. F. Neimark Kryl rod. 11 no. 2;23-25 F '60

If you like the work, *everything is easy! S. Perekalin.* Kryl. rod. 11 no. 3:6 Mr '60

In the parachute training area. *K. Ovsiannikov. Kryl.* rod. 11 no 4:14-15 Ap '60.

Three champions. N. Gladkov. Kryl. rod. 11 no. 2:8-9 F '60.

PARAFFINS

Addition of nitroalkanes to β, β-dimethyldivinylketone. S. S. Novikov, I. S. Korsakova, N. N. Bulatova. Izv. vys. *ucheb. zav. ;khim. i khim tekh.* 3 no. 1:132-134 '60.

Approximate method of calculating the ΔH°_{f} of alkanes and their radicals. L. A. Muzychenko, N. P. Shpigar', A. I. Kamneva. *Izv vys.* ucheb. zav. ;khim. i khim. tekh. 3 no. 1;24-28 '60.

Effect of alkali as a constituent of the catalyst on the rate of oxidation of paraffins. B. N. *Tiutiunnikov, A. A. Ferchenko.* Masl.-zhir. prom. *28 no. 3;23-28* Mr '60.

Higher n-paraffins from Bitkov and Dolina crudes. E. F. IAtsenko, N. I. Chernozhukov. *Khim. i tekh.* topl. i masel 5 no. 3:1-5 Mr '60.

Hydrofining liquid paraffins in order to obtain alkylaryl *sulfonates* and to prepare raw products for oxidation. V. V Veselov and others. Trudy Vost.-Sib. fil. AN SSSR no. 26·135-140 '59.

Manganese pyrolusite as *a paraffin oxidation* catalyst. B N Tiutiunnikov, A. A. Perchenko. Khim i tekh. topl. i masel 5 no. 4 14-19 Ap '60.

oxidation of petroleum paraffin. Izv. vys. ucheb. zav. neft' i gaz 3 no. 2 83 '60.

Utilization of heavier lubricant fractions of Ukrainian *paraffinic crudes* N. IA Rudakova, S Z. Krimerman, V D Bilenizhko Khim. i tekh topl. i masel 5 no 2 27-30 F '60

PARAFFINS—DIPOLE MOMENTS

Dipole moments of some halopolynitroalkanes A N Shidlovskaia and others Dokl AN SSSR 132 no. 6 1376-1377 Je '60

PARAGUAY—POLITICS AND GOVERNMENT

Paraguay. Claudio Juarez. V zashch. mira no. 3,30-37 Mr '60.

PARALLAX

Tables for calculating the daily parallax [with summary in English] V I Orel'skaia Biul Inst teor astron 7 no 6 479-496 '59

PARALLELS (GEOMETRY)

Omar Khayyam's theory of parallels. A. E. A. Khatipov. Trudy UzGU no. 78:131-136 '58

PARALYSIS

Clinical aspects and pathogenesis of recurrent paralysis of the cerebrocranial nerves [with summary in French]. V. G. Tambovtseva, M. I. Gabrielian. Zhur. nevr. i psikh. 60 no. 1;50-52 '60.

Study of the mechanism and prognosis of contractures in paresis of the facial nerve [with summary in French]. S. L. Levin. Zhur. nevr. i psikh. 60 no. 1·53-60 '60.

Use of reflexes in the restoration of movements in hemiplegia. Report No. 1·Conditioned defense reflexes [with summary in French]. O. Stary, Z. Mira[illegible]ky, M Berankova. Zhur. nevr. i psikh. 60 no. 1·9-17 '60

PARALYSIS—DIAGNOSIS

Erroneous diagnosis of progressive paralysis T. N [illegible]dova. Probl sud psikh. 8 553-572 '59.

PARAMAGNETIC RESONANCE AND RELAXATION

Time of spin-spin paramagnetic relaxation at low temperatures in single crystals having magnetically unequivalent ions U. Kh. Kopvillem Izv. vys. ucheb. zav.; fiz no. 6 21-30 '59.

PARANOIA

Catamnesis of patients sent to psychiatric hospitals in a protracted reactive condition with paranoid syndromes. K I. Immerman. Probl. sud. psikh. 8;190-218 '59.

PARASITES
(see also subdivision under Ukraine)

Use of parasitological material in studying the migration of animals. V. B. Dubinin. Migr. zhiv. no. 1;5-17 '59.

PARASITES—ARGALI

Recent data on the nasopharyngeal botfly Rhinoestrus tshernyshovi Grunin (Diptera, Oestridae) parasitic in the argali (Ovis ammon L.) [with summary in English]. K. IA. Grunin, A. A. Sludskii. Ent. oboz. 39 no. 1;210-212 '60

PARASITES—ARMY WORMS see subdivision under Uzbekistan

PARASITES—BIRDS

Nematode parasites of wild birds of the Amu Darya estuary. M. A. Sultanov, K. M. Ryzhikov, D. P. Kozlov. Uzb. biol. zhur. no. 1;58-63 '60.

PARASITES—FIELD MICE

Two new hosts of the warble fly Oestromyia leporina Pall (Diptera, Hypodermatidae) [with summary in English]. N. G. Shubin. Ent. oboz. 39 no. 1;213 '60.

PARASITES—FISHES

Role of supplementary and inferior fishes in the dissemination of parasites on carp raising fish farms [with summary in English]. V. M. Ivasik. Zool. zhur. 39 no 2 299-301 F '60.

PARASITES—GERBILS

Method of estimating the number of fleas in burrows of the greater gerbil (Rhombomys opimus Licht.) [with summary in English] N L. Gershkovich Biul MOIP Otd biol 64 no. 5 37-47 S-O '59

PARASITES—GULLS

Helminths of Lariformes from the Black Sea Preserve and the adjacent territory of Kherson Province. V. A Leonov. Uch zap. GGPI 20 266-296 '58.

PARASITES—TOADS

Specific features of the morphology and the life cycle of Protoopalina canevi sp n. K. M. Sukhanova Dokl AN SSSR 132 no. 6 1465-1467 Je '60.

PARASITOLOGY see subdivision under Uzbekistan

PARASITOLOGY—CONGRESSES

Scientific conference on problems in the parasitology of Kazakhstan and Central Asian republics. V. IA. Pan[illegible] Zool zhur. 39 no 3 478-479 '60

General principles of the use of cholinolytic drugs in neuropathology [with summary in French] N.N. Anosov, Zhur nevr.i psikh. 60 no.1·29-36 '60

PARATHYROID GLANDS—INNERVATION

Effect of stimulation of chemoreceptors of the parathyroid gland on the calcium content of the blood [in Azerbaijani with summary in Russian] A I Karaev, R Z Kafarova Uch zap AGU Biol ser no 2 49-56 '59

PARATHYROID GLANDS—TUMORS

Adenoma of the parathyroid glands A K Gorchakov, B M Mazurovskaia Vrach delo no. 4 413-415 Ap '60

PARENT AND CHILD

Bring them up to be team workers and not petty bourgeois. V.Lysenko. Sem'ia i shkola 15 no 2·32 F '60.

Everything in the interest of children. Sem'ia i shkola 15 no. 3:15-16 Mr '60.

Later, later... S.Vereshchagin. Sem'ia i shkola 15 no.2 31 F '60.

Mother or Valentina Vladimirovna? A story. V. Poluian. Sem'ia i shkola 15 no. 3:25-26 Mr '60.

Nervous parents. Sem'ia i shkola 15 no 2·42-43 F '60.

Our differences. G.Sedakov. Sem'ia i shkola 15 no.2 22 F '60.

PARENTERAL THERAPY

Mitotic activity of the epithelium of the Lieberkuhn crypts and the cornea in starvation and following administration of nutrient substances. A N Zorin Uch zap 2-go MGMI 16 201-216 '50

PARHON, CONSTANTIN, 1874-

Academician C. Parhon, scientist and public figure. V Kozeleskii, A Kapel'nik Vrach delo no. 1·97-99 '60.

PARIS—ART GALLERIES AND MUSEUMS

Pictures from the Jacquemart-Andre museum. A.Chegodaev. Ogonek 38 no.11·17 Mr '60.

PARIS—CHAMBER MUSIC

Paris, in the Hall Gaveau. Georgii Edel'man. Sov.muz. 24 no.3 138 Mr '60.

PARIS—LENIN, VLADIMIR IL'ICH, 1870-1924

Memorable places in Paris. M.Poletti. Smena 37 no 8 15 Ap '60.

PARIS—LIGHTING

Electric lighting of public buildings in Paris. N.S. Ivanova. Svetotekhnika 6 no.4,15-20 Ap '60.

Street lighting in Paris. V.G.Koringin. Svetotekhnika 6 no.4:21-26 Ap '60.

PARIS—THEATERS

The sixth anniversary of the Paris festival or the story of the Theater of Nations Ossia Trilling V zashch mira no 4 90-96 Ap '60

PARIS—VIEWS

In Paris and Marseilles Pavlo Zahrebel'nyi Ukraina no 5 22-23 Mr '60

Paris in Moscow. Roman Carmen. Kul't.i zhizn' 4 no.4 55-57 '60.

PAROTITIS see Mumps

PARQUET FLOORS

Automatic machine for gluing mosaic parquetry on paper tape. V.S.Vakhmianin. Der.prom. 9 no.2·16 F '60.

Parquet polishing disk-type machine. Rats.i izobr.predl. v stroi. no.13:115-117 '59.

Rapid method for gluing wooden building details and elements using high-frequency currents L. M Koval'chuk Stroi mat 6 no 6 21-24 Je '60

PARTICLE ACCELERATORS

Certain aspects of the electrostatic Van de Graaf electron generator. E. N. Gagin, S E. Grebenshchikov, V. E Pisarev. Izv.vys.ucheb.zav ,fiz no 6 95-101 '59

International conference on high-energy accelerators and devices. V.V.Vladimirskii, S.IA. Nikitin Prib i tekh eksp. no.1 147-150 Ja-F '60.

Method for creating stability of vertical motion in an accelerator with a magnetic field which increases with the radius. S.A.Kheifets. Dokl. AN Arm SSR 29 no 5·211-213 '59.

New accelerator. A.N Lebedev Nauka i zhizn' 27 no 3 38-39 Mr '60

PARTICLES (NUCLEAR PHYSICS)

About the "corona" of the earth. S.N.Vernov. Znan.sila 35 no.3:37-39 Mr '60.

Antiparticles - antimatter - antiworlds. IA.A.Smorodinskii. Priroda no 6.15-22 Je '60.

Catenary method for plotting trajectories of relativistic and ultrarelativistic particles in electrostatic fields. Radiotekh.i elektron. 5 no.7·1118-1123 Jl '60.

Computing the mass of elementary particles. B.I. Rusak. Izv.AN Uz.SSR.Ser.fiz.-mat.nauk no.1:83-84 '60.

nuclei V A Filimonov Izv vys ucheb zav ,fiz no 6 61-70 '59

Earth's corona. E Saparina. Znan.sila 35 no.3 34-35 Mr '60.

"Hot" electrons in the earth's atmopshere. IU.I.Galperin. Znan.sila 35 no.3 36-37 Mr '60.

π-mesons and protons originating in the nuclear reaction of nucleons and matter. R.B.Begzhanov. Izv.AN Uz. SSR.Ser.fiz.-mat.nauk no.1 47-57 '60.

Possible method for determining the distribution density of pulse probabilities of a particle from an experiment on dispersion. N.A.Chernikov. Nauch.dokl.vys. shkoly, fiz.-mat.nauki no.3 151-157 '59.

Problem of nonconservation of parity V zashch.mira no. 3:56 Mr '60

PARTICLES (NUCLEAR PHYSICS)—DECAY

Relation between the law of decay and the first-order moment of energy distribution L. A Khalfin Dokl AN SSSR 132 no 5 1051-1054 Je '60

PASOLINI, PAOLO

"A life of violence" [in Italian] by Pier Paolo Pasolini. Reviewed by G.Bogemskii. Nov.vrem. 18 no.21·30-31 My '60.

PASSIVITY (CHEMISTRY)

Use of curves of charging for investigating the phenomena of passivity and the tendency of stainless steels to pitting corrosion V.P.Maksimchuk, I.L.Rozenfel'd. Zav lab 26 no 3:288-290 '60.

PASSPORTS (INTERNAL)

"I am a citizen of the Soviet Union " T. Voskoboinykova Sots.kul't. 13 no 2 9-11 F '60

PASTEUR, LOUIS, 1822-1895

A letter of Louis Pasteur. Kul't.i zhizn' 4 no.3·57-58 '60.

PASTRY

Danilenko, M.P. [How to prepare in your home pastries and other products from dough, desserts, juices, and preserves for winter, a manual for young housewives] Kak prigotovit' doma konditerskie i drugie izdeliia iz muki, sladkie bliuda, varen'e, soki i pripasy na zimu, posobie dlia molodykh khoziaek. Moskva, Gos.izd-vo torg.lit-ry, 1959. 186 p.

PASTURE RESEARCH

Interrelations of the living green matter and dead plant remains in meadow and steppe communities [with summary in English]. A.M.Semenova-Tian-Shanskaia. Zhur.ob.biol. 21 no.2:115-151 Mr-Ap '60.

PASTURES AND MEADOWS

(see also subdivision under Ketmen' Range, Latvia, Ob Valley)

Grain mites occurring in meadow formations [with summary in English] S.V.Sorokin Zool.zhur 39 no 2 356-364 '60

Making inventories and maps of pastures Vest AN SSSR 30 no 6 101 Je '60

Smelov, S.P., and A.P Movsisiants [Improvement and correct use of meadows and pastures] Uluchshenie i pravil'noe ispol'zovanie lugov i pastbishch. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 87 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

Survival of oribatid mites in annually flooded bottom-land pastures of White Russia [with summary in English] I.A Moskacheva. Zool.zhur 39 no.3 365-374 '60

PATENT LAWS AND LEGISLATION

How to apply for a certificate of invention. A.F.Mikhailov. Avtom., telem.i sviaz' 4 no.4:15-18 Ap '60.

In the Committee on Inventions and Discoveries attached to the Council of Ministers of the U.S.S.R. Izobr.i rats. no.4.48 Ap '60.

Mutual obligations in collective agreements. V.Solov'ev. Izobr.i rats. no.4.47 Ap '60.

Such are the regulations. Izobr.i rats. no.3:42-43 Mr '60.

Suggestions for technological innovations. E.P.Torkanovskii. Sov.gos.i pravo no.6 45-52 Je '60.

PATENTS

[Bulletin on inventions.] Biulleten' izobretenii nos.11-12 '60.

[Bulletin on inventions.] Biulleten' izobretenii no.13 '60.

Matter of national importance. A.Platonov. Izobr.i rats no.3:35-36 Mr '60.

PATHOGENIC MICRO-ORGANISMS see Micro-organisms, Pathogenic

PATHOLOGICAL ANATOMY see Anatomy, Pathological

PATHOLOGY see subdivision under Uzbekistan

PATON, EVGENII OSKAROVICH, 1870-1953

Our anniversary calendar Nauka i zhyttia 10 no.2·63 F '60

Gurova, R.G. [Heroic deeds] O podvige. Moskva, Gos. uchebno-pedagog.izd-vo 1959. 75 p.
(CU)

PATRON SAINTS

Belov, A.V., and A.M.Pevzner. [Patron saints' days] O prazdnikakh prestol'nykh. Moskva, Znanie, 1960. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser 2, no.4)
MH

PAVEMENTS

(see also subdivision under China, Moscow region, Ukraine)

Improving pavements made of marlaceous materials. V.A.Borisov, A.IA.Kuznetsov. Avt.dor. 23 no.4: 10-11 Ap '60.

PAVEMENTS, ASPHALT

Light-duty D-464 asphalt placer B F Tarianskii, M.Z Tobak Stroi i dor mashinostr 5 no 3 12-13 Mr '60

PAVEMENTS, BITUMINOUS

(see also subdivision under Uzbekistan)

Conference on using surface activating agents and emulsions in road construction. M. and K Avt.dor. 23 no.4:31 Ap '60.

PAVEMENTS, CONCRETE

(see also subdivision under Kiev)

Constructing temporary double-track roads using precast slabs. G.A Pokhodilov. Avt dor 23 no.6:7 Je '60.

Estimating performance qualities of the pavement according to the degree of its smoothness. A.K.Birulia. Avt. dor. 23 no.4·21-22 Ap '60.

Improved pavement of crane tracks. B.Ivanov. NTO 2 no 3 28 Mr '60.

Senkevich, A.A. [Using prestressed construction elements in building hydraulic structures, dams, sluices, pavements, linings, et cetera] Primenenie predvaritel'nogo napriazheniia v konstruktsiiakh gidrotekhnicheskikh sooruzhenii, plotiny, shliuzy, pokrytiia poverkhnostei i dr. Pod obshchei red. P.I.Vasilenko. Moskva, Gos energ.izd-vo (Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Ser.4. Gidroelektrostantsii. Gidrotekhnicheskie sooruzheniia. Konstruktsii i materialy)
Pt.2. 1960. 40 p.

Surface coatings of increased roughness. V.P.Popov. Avt.dor. 23 no.4·20 Ap '60.

Technology of and equipment for laying cement-concrete pavements M S Zel'manovich Stroi.i dor.mashinostr. 5 no 3 20-23 Mr '60.

PAVEMENTS, CONCRETE—MAINTENANCE AND REPAIR

see subdivision under Germany, East

PAVLODAR—RESTAURANTS, LUNCHROOMS, ETC

Her name is written into the book of honor. F.Kirzhner. Obshchestv.pit no.3 25 Mr '60

PAVLODAR PROVINCE—STATE FARMS

"We are waiting for you, comrade sergeant!" V.Bystrov. Sov.profsoiuzy 16 no.8:36-37 Ap '60.

PAVLODAR PROVINCE—STOCK AND STOCKBREEDING

Following the example of Ryazan Province stockbreeders S Pingin Part zhizn' Kazakh 30 no 3 27-31 Mr '60

PAVLOGRAD—CONSTRUCTION INDUSTRY

In the Pavlograd interfarm building organization. Sil.' bud. 10 no.6·12-13 Je '60.

PAVLOV, IVAN PAVLOVICH, 1849-1936

Momentous victory of materialism M. Lohvyn Nauka i zhyttia 10 no.2·50-52 F '60.

Wells, Harry K. [Pavlov and Freud. Translated from the English] Pavlov i Freid. Moskva, Izd-vo inostr. lit-ry 1959. 607 p.
(MCM)

PAYMENT

Using an accredited form of payment as a sanction. I.Gurevich. Den.i kred. 18 no.6:35-39 Je '60.

PEACE

"Farewell to arms!" Luisa Melograni. Zhen.mira no.12:8-9 '59.

A hundred thousand demonstrate on the Heroes' Square. Mol.mira no.9 10-11 '59.

Lenin, peace, coexistence. V Leont'ev. Sov Soiuz no 4 10-12 '60

Readers' letters. Nov.vrem. 18 no.27,23 Jl '60.

Say "no" to war! An appeal by the Union of Journalists of the U.S.S R. Sov pech no 3 58 Mr '60

PEACE—CONGRESSES

Olive branches on the streets of Bagdad. I. Milovanov. Sovr.Vost. no.6.19 Je '60.

PEACE—SOCIETIES, ETC

Peace without arms, without soldiers, and without wars... V.G.Komissarzhevskii. V zashch.mira no 3,12-19 Mr '60

To make war impossible. N.S.Tikhonov Kul't i zhizn' 4 no 4 13-14 '60

PEACE SOCIETIES see subdivision under Germany, West

PEACH

Growth of active peach tree roots during various periods of the year O. H. Usov. Visnyk sil'. hosp. nauky 3 no. 3 72-74 Mr '60.

PEACH—VARIETIES see subdivision under Crimea

PEAS see subdivision under Moldavia

PEASANT UPRISINGS see subdivision under China, Poland, Ukraine; White Russia

PEASANTRY

(see also subdivision under Japan, Livonia, Near East, Orel Province, Turkey, White Russia)

The efforts of party organizations toward the development of widespread patronage of city over village during the period of reconstruction R. G. Pimenov. Nauch. dokl vys. shkoly, ist. nauki no 1, 3-16 '60

Soviet peasants Agitator no 11 28-29 Je '60

A study of class differentiation in the Russian village during the period of rehabilitation, 1921-1925. A. I. Kalmykova. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 3: 3-26 My-Je '60.

V. I. Lenin and the peasantry V Karpinskii Ekon. sel'khoz 31 no 3:11-14 Mr '60

PEAT

(see also subdivision under Kalinin, Leningrad Economic region, Leningrad Province, Lithuania)

Atlas of vegetable residues found in peat. Torf. prom. 37 no. 2 39 '60.

Basic ways of using peat in power engineering and in industry Z F Chukhanov Trudy Inst energ AN BSSR no 10 3-11 '59

Experience in assigning climatic districts of peat enterprises according to the evaporability value N M Topol'nitskii Torf prom 37 no 1 7-10 '60

Limit shear stress in a layer of a lowland peat deposit during milling. S. A. Sidiakin, S. V. Morozov. Torf. prom. 37 no. 2, 17-21 '60.

Methods for the determination of the fractional composition of milled peat L S Slobodkin Trudy Inst energ AN BSSR no 10 56-63 '59

News of the science and technology of peat Torf prom 37 no 1 34-35 '60.

Optimum power of a condensing electric power plant operated on peat E B Akhundov, A V Avramenko, IU S Bampi Trudy Inst energ AN BSSR no 10 12-21 '59.

Peat insulating panels. M. A. Sukhanov. Torf. prom. 37 no 1 28-29 '60

Physical and mechanical properties of vacuum-dried peat and prospects for its use in the national economy. S. G. Solopov, P. F. Anisimov. Torf. prom. 37 no. 2 13-16 '60.

Production of water gas in engineering and power systems using milled peat IU V. Verankin, I T El'perin Trudy Inst energ AN BSSR no 10 37-45 '59.

Some data on the manufacture of peat semibriquets at the Chist' peat works A. K. Naumchik, N. S Kostiuk Torf. prom. 37 no. 1 30-31 '60.

Some results of the experimental work on a rapid refining of peat by the use of by-products from the petroleum industry. M. S Rozenberg Torf prom. 37 no. 1 31-34 '60.

Universal diagram I - t for peat. I. IA. Ershov. Izv. vys. ucheb. zav., energ. 3 no. 4 139-141 Ap '60.

PEAT—ANALYSIS

Concerning the accuracy of determining the extent of peat decomposition. K. IU. Vanag. Torf. prom. 37 no. 2, 24-26 '60.

Field laboratories for determining the moisture and ash content of peat fuel. V. N. Zagorul'ko. Torf. prom. 37 no. 2:22-24 '60.

Manometric gauge for determining the moisture of peat. A. IU. Bredialis. Torf. prom. 37 no. 2. 21-22 '60.

PEAT—DRYING

Calculation of the ring press for dewatering peat and similar materials. I. I. Mogilevskii. Torf. prom. 37 no. 2. 29-32 '60.

Conditions of the formation of cracks in the process of drying. N. S. Pankratov, L. M Malkov. Torf. prom 37 no. 1 15-18 '60.

Drying of peat litter in a pneumatic-tube gas drier. M. G. Bulynko. Torf. prom. 37 no. 2 26-28 '60.

Results of testing of a milled peat dryer with separation of coarse particles L M Nikitina. Trudy Inst energ AN BSSR no 10 46-55 '59.

PEAT—HARVESTING

Automatization applied to the stock taking of milled peat in the course of its harvesting. I. A. Lashnov, S. R. Feoktistov. Torf. prom. 37 no. 2, 1-3 '60.

PEAT—TRANSPORTATION

Complete mechanization of peat transshipment operations. M. A Mirkin. Torf. prom 37 no. 1. 22-25 '60.

(see also subdivision under Ukraine)

Field practices of school boys on drained peat bogs. P. M. Ivantsov. Shkola i proizv 4 no. 3 33-36 Mr '60

PEAT INDUSTRY

(see also subdivision under Kostroma Province, Smolensk Province)

Ivashechkin, N. V. [Winning and using peat in foreign countries] Dobycha i ispol'zovanie torfa za rubezhom. Pod obshchei red. A. F. Bausina. Moskva, Gos energ. izd-vo, 1958 214 p.

Successfully apply the decisions of the December Plenum of the Central Committee of the CPSU Torf prom 37 no. 1 1-2 '60

PEAT INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under White Russia)

PSP-1 mobile welding stations. N. I. Rumiantsev. Torf. prom. 37 no. 2, 33-34 '60.

Simplified system of selector communications at peat works. V. G. Borisovich Torf. prom. 37 no. 2, 32-33 '60.

PEAT INDUSTRY—PERIODICALS

Conference of the readers of "Torfianaia promyshlennost' " Torf prom 37 no 1 35 '60

PEAT INDUSTRY—SAFETY MEASURES see subdivision under Shatura

PEAT MACHINERY

(see also subdivision under Sitniki; Ukraine)

Adjusting suspensions of milling cutters in the SBSh-2 and UFB-2 drum shredders. L. N. Samsonov. Torf. prom. 37 no. 2; 3-7 '60.

Axial force acting on the supporting body of a peat pump having a working wheel without a front cup. O. P. Fadeev. Torf. prom. 37 no. 2 7-9 '60.

EKT-1 excavator-crane with a diesel electric drive. Torf. prom. 37 no. 2. 38-39 '60.

Replacement equipment for the OF-5 machine for leveling the surface of milled peat fields. A. I. Danilovskii. Torf. prom. 37 no. 2; 37 '60.

Seminar for the exchange of modern methods in the mechanization and maintenance of milled peat fields. Torf prom 37 no. 1 35 '60

PEAT SOILS

Changes in the permeability of peat soils to water resulting from drainage L V Getov Trudy Belar nav -dasl inst mel i vod hasp 8 313-327 '58

The effect and aftereffect of trace elements on the quantity and quality of crop yields in newly reclaimed peat soils O K Kedrov-Zikhman, R. E Rozenberg Trudy Belar nav -dasl inst mel i vod hasp 8 277-286 '58

Effect of the water regime of peat soils on potato yields and tuber quality B F Matrosov Trudy Belar nav -dasl inst mel i vod hasp 8 264-276 '58

Investigating the moisture-holding capacity of peat soils in fields of White Russia under conditions of sprinkler irrigation M V Makovskii Trudy Belar nav. -dasl inst mel i vod hasp 8 142-154 '58.

P_2O_5 motion in peat soils and its absorption by barley plants T N Kulakovskaia Trudy Belar nav. -dasl inst mel i vod hasp 8 219-233 '58

Problems concerning efficient utilization of the perennial grass sod in peat soils S G Skoropanov, M M Shabunina, T N Pashina Trudy Belar nav -dasl inst mel i vod hasp 8 205-218 '58.

Shear resistance of peat soils A F Pechkurov. Trudy Belar nav -dasl inst mel. i vod hasp. 8 55-65 '58

Significance of fertilizers for the increase of crop yields and the economic efficiency of applying them to peat soils B B Bel'skii Trudy Belar nav -dasl inst mel i vod hasp 8 253-263 '58

Studying peat soil solutions I S Lupinovich, N. I Kurilenko Trudy Belar. nav. -dasl inst mel i vod hasp. 8 234-252 '58

Studying the relation between the magnitude of the oxidation-reduction potential and the biological activity of peat soils. I S. Lupinovich, I N. Solovei, K N IAnushkevich Trudy Belar nav -dasl inst. mel i vod hasp 8 187-204 '58.

Working out basic cultivation practices for corn on peat soils S. I Trizno and others Trudy Belar nav -dasl. inst mel i vod hasp 8 287-296 '58

PECHENGSKIY DISTRICT—WATER, UNDERGROUND

Hydrogeological conditions of the Pechenga ore deposits and some results of hydrochemical prospecting. K. E. Pit'eva, A. IA Smirnova. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 14 no 4:149-159 '59.

PECHORA BASIN—COAL—GRADING

Method of determining Pechora coal types on an oxidized sample. A. I. Kozko, E. A. Senatorova. Obog. i brik. ugl. no. 11:24-27 '59.

PECHORA BASIN—COAL MINES AND MINING

High title N. Tarasov, V. Kichaev Mast ugl. 9 no. 3 6 Mr '60.

Conclusions deriving from experience. D. Frolov. Mast. ugl 9 no 3 7 Mr '60

PECHORA BASIN—SEISMIC PROSPECTING

Results of using the seismic controlled directional sensitivity method in the Timan-Pechora petroleum-bearing province. G. N. Putimtsev. Trudy MINKHiGP no. 26 213-229 '60.

PECHORA VALLEY—DESCRIPTION AND TRAVEL

Chernov, G. A. [Tourist trips to the "Pechora Alps"] Turistskie pokhody v "Pechorskie Al'py." Syktyvkar, Komi knizhnoe izd-vo, 1959. 147 p.

PECHORA VALLEY—PETROLOGY

Lithological and petrographic study of upper Permian sediments of the Upper Pechora basin N. M Shomysov Uch zap GGPI 20 59-89 '58

PEDIATRIC ANESTHESIA

Evaluation of anesthetic methods in surgery for children. A. A. Ashrafov Med. zhur. Uzb. no. 11:18-49 N '58.

PEDIATRICS—CONGRESSES

All-Russian Congress of Pediatricians. I. L. Shakhbazian Fel'd. i akush. 25 no. 3 51-55 Mr '60

International Congress of Pediatricians. A. I. Tur. Vest. AMN SSSR 15 no 1 71-74 '60

PEGANUM

Anatomical study of Peganum harmala L. R. G. Medvedeva, L. K. Safina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1 110-121 '60.

PEGMATITES see subdivision under Kola Peninsula

PEIPING—GUIDEBOOKS

[Peiping; reference-guidebook] Pekin; spravochnik-putevoditel'. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 218 p.

PEIPING—RAILROADS—STATIONS

New railroad station in Peking. Ch'ih Yieng-long. Zhel-dor. transp. 12 no. 4:93-94 Ap '60.

PEKING see Peiping

PELARD, MARIE CLAUDE, d. 1791

A rare medallion in commemoration of the unveiling of the monument to Peter the Great. E. Shchukina. Soob. Gos. Erm. no. 15:13-15 '59.

PELVIS—HYDATIDS

Two cases of primary echinococcus of the abdominal cavity and the small pelvis M I. TSyrul'nikov, S I Shtern Vrach delo no. 4 411-412 Ap '60.

PENANCE

Sacrament of penance. G. Kalugin. Nauka i rel. no. 3: 35-37 Mr '60.

PENICILLIN

Fixation of $C^{14}O_2$ by penicillin-resistant staphylococci G. K. Saev and others Dokl. AN SSSR 132 no 5 1195-1196 Je '60.

Intramuscular injection of penicillin in acute suppurative odontogenic diseases of the maxillofacial region. IU. P. Semenenko. Vrach. delo no. 3 279-281 Mr '60.

Penicillin therapy in psoriatic exfoliative erythrodermia. V I. Filipchik, E. L. Blonshtein. Kaz. med. zhur. 41 no. 1:119 Ja-F '60.

PENMANSHIP

Preparing older kindergarten children for handwriting instruction. N. Baturina. Doshk. vykh. 21 no. 3 29-33 Mr '60.

PENSIONERS

(see also subdivision under Stalino, Uzbekistan)

Age is no obstacle. N. Krasnikov. Okhr. truda i sots. strakh 3 no 4 47-49 Ap '60.

Restless old age. P. Ferapontov. Okhr. truda i sots strakh 3 no. 4 45-47 Ap '60.

PENSIONERS—SOCIETIES, ETC.

(see also subdivision under Moscow)

The Veterans' Council is the main assistant of the Municipal Department of Social Security. P. Fedorov. Sots. obesp. 21 no. 3:40-42 Mr '60.

PENSIONS

(see also subdivision under Mytishchi; Rumania, Stavropol Territory)

Check for similar mistakes. Sots. obesp. 21 no. 2 51-53 F '60.

Check for similar mistakes. Sots. obesp. 21 no. 3:56-58 Mr '60.

Documents corroborating the over-all length of service (to be continued). Sots. obesp. 21 no. 3:51-56 Mr '60.

Don't give only advice, but also help. F. Kuldiusov. Sots. obesp. 21 no. 2, 17-18 F '60.

Editor's mail. Sots. obesp. 21 no. 2:53-54 F '60.

Editor's mail. Sots. obesp. 21 no. 3:58-60 Mr '60.

[illegible]

[illegible] examination in ulcer of the upper portion of the stomach. A. I. Shaltsel'mann. Vest. rent. i rad. [illegible] Ja-F '60.
Peptic ulcer of the stomach and duodenum in chronic lymphatic leukemia. A. G. Kulsin. Vest. rent. i rad. [illegible] '60.
Protein composition of the blood in peptic ulcer patients. [illegible] Vrach. delo no. 4:417-420 Ap '60.
Recurrence of ulcer following resection of the stomach [with summary in English] M. A. [illegible] Khirurgiia [illegible] '60.
[illegible] perforations of ulcers of the stomach and duodenum. [illegible] Khirurgiia [illegible] no. 12: [illegible]
[illegible] of changes in liver function following sleep therapy for peptic ulcer. [illegible] Kaz. med. zhur. 41 no. 1:117-118 Ja-F '60.
[illegible] and leucocytosis of the peripheral blood in peptic ulcer. [illegible] Vrach. delo no. 4:437 Ap '60.
Treatment of peptic ulcer [illegible] Med. zhur. Uzb. [illegible] '60.
Treatment of peptic ulcer patients with the new complex [illegible] Vrach. delo [illegible] Ap '60.
Use of [illegible] in the complex treatment of peptic ulcer. [illegible] Kaz. med. zhur. 41 no. 1:110-111 Ja-F '60.

PEPTIDES
[illegible] Vest. Mosk. un. Ser. [illegible] Khim. [illegible] Mr-Ap '60.

PERCEPTION
[illegible] of the hand and eye in the [illegible] [with summary in English] [illegible] Vop. psikhol. [illegible]
[illegible] Vop. psikhol. [illegible] '60.

PERCH see subdivision under [illegible] Lagoon, [illegible]

PERCOLATION
Analogy between the percolation under pressure of an incompressible and a gassed liquid in a porous medium. A. I. Davidovich, D. F. Levitskii. Inzh. fiz. zhur. 3 no. 1:2 [illegible]
[illegible]

[illegible]
[illegible] '60.

[illegible]
[illegible] '57.

[illegible] TRUST - BUILDING MATERIALS
We are saving all building materials [illegible] Ja '60.

PERFUMES
[illegible]
[illegible] of the operation of the perfume and [illegible] the essential oil industry in [illegible] Masl.-zhir. prom. 25 no. [illegible] Je '60.

PERFUMES - EXHIBITIONS
[illegible] '60.

PERFUSION PUMP (HEART)
Air [illegible] perfusion pump. V. G. IAkovlev, G. G. [illegible] Izv. AN Kir. SSR Ser. biol. nauk 1 no. 1:[illegible] '59.

PERICARDITIS
[illegible] [with summary in English] [illegible]

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW
[illegible] of the reactivity toward water vapor of the [illegible] of metals in group [illegible] of the periodic system, [illegible] of the phenomenon of secondary periodicity. M. A. Mukhailov, E. P. Ozhigov. Soob. Prim. fil. AN SSSR [illegible]
Rodenko, F. L., and P. H. Taabe. [One hundred and one] [illegible] Astrakhan', Izd-vo gazeta "Volga," 1959. 274 p.
[illegible] characteristics of the elements in the [illegible] period. E. P. Ozhigov. Soob. Prim. fil. VKHO [illegible]

PERIODICALS see subdivision under Czechoslovakia; Germany, West

PERITONEUM - TRANSPLANTATION
Intramedullary osteosynthesis with a rod from a heterogeneous peritoneum in fractures of the clavicle. P. I. Poliakov. Zdravookhranenie ? no. 2:18-21 N-D '59.

PERITONITIS
"Acute suppurative peritonitis" by V. IA. Shlapoberskii. Reviewed by I. I. Bregadze. Kaz. med. zhur. 41 no. 1: 123-124 Ja-F '60.
Reactivity of the body in infectious peritonitis in hemorrhagic conditions of varying degree. E. M. Notko. Vrach. delo no. 1:39-41 '60.

PERLITE (MINERAL)
Expanded perlite for concretes and mortars. M. Khuto-rianskii, G. Belianova. Strol. i arkhit. 8 no. 6:30-31 Je '60.

PERM - CRIME PREVENTION
We have fewer violations of law. S. Leinov, V. Grobhol'-skii. Sov. iust. no. 3:32-34 Mr '60.

PERM - PHARMACY - STUDY AND TEACHING
On the history of the development of a pharmaceutical college in the Urals. A. M. Shtorkov. Apt. delo 9 no. 2: 40-45 Mr-Ap '60.

PERM PROVINCE - BOOKSELLERS AND BOOKSELLING
Achievements in the seven-year plan. I. Krotskii. Sov. knizh. torg. 12 no. 2:8 F '60.

PERM PROVINCE - ECONOMIC CONDITIONS
[Calendar and handbook of Perm Province] Kalendar'-spravochnik Permskoi oblasti, 1959. Perm', Permskoe knizhnoe izd-vo, 1959. 1 v.
(MIRA)

PERM PROVINCE - ELECTRIC LOCOMOTIVES
Electric locomotives from the Perm and Chusovskaya shops should be used more effectively. B. D. Nikiforov, M. A. Korkol'tan. Elek. i tepl. tiaga 4 no. 2:11-13 F '60.

PERM PROVINCE - LUMBERING - MACHINERY
Innovators of logging enterprises. V. Krylov. Les. prom. 19 no. 2:26-27 F '60.

PERM PROVINCE - MORAL EDUCATION
Experience in using "Moral education programs" in schools of Perm Province. N. S. Bragimskaia. Sov. pedag. 24 no. 3:129-133 Mr '60.

PERMEABILITY
Problem of the displacement of gas by water. M. V. Fili-nov. Inzh. sbor. 27:51-57 '60.

PEROV, VASILII GRIGOR'EVICH, 1834-1882
"Easter procession in a village." A. Chlenov. Kul't.-pros. rab. 21 no. 2:40 F '60.
Old but dangerous weapon. A. Varshavskii. Sem'ia i shkola 15 no. 3:31 Mr '60.

PEROVSKITE
Use of perovskite concentrates for the production of ferrotitanium [with summary in English] L. S. Kumyshi. Stal' 20 no. 3:250-257 Mr '60.

PEROXIDES - NOMENCLATURE
Nomenclature of peroxide compounds. S. M. Guseinzade. Azerb. khim. zhur. no. 3:133-137 '59.

PERPETUAL MOTION
Perpetuum mobile. E. Ponomarenko. Izobr. i rats. no. 4:50-53 Ap '60.

PERSIAN LANGUAGE - DIALECTS
Dari language studies as found in the works of contemporary Iranian scholars. L. S. Peisikov. Vop. iaz. 9 no. 2:120-125 Mr-Ap '60.

PERSIAN LANGUAGE - STUDY AND TEACHING see subdivision under Leningrad

PERSONAL BEAUTY see Beauty, Personal

PERSONALITY, DISORDERS OF
Development of quibbling in the personality of patients with late consequences of closed trauma of the skull. T. P. Pechernikova. Probl. sud. psikh. 8:589-604 '59.

PERSONNEL MANAGEMENT
Will my friend be offended? IU. Kabanov. Agitator no. 7: 54-55 Ap '60.

PERTURBATION
Some changes in the method of expansion of the perturbative function [with summary in English] K. A. Liakh. Biul. Inst. teor. astron. 7 no. 6:432-440 '59.

PERU - DESCRIPTION AND TRAVEL
Volcanic continent. Arthur Lundkvist. Vokrug sveta no. 4:56-60 Ap '60.

PERVENTSEV, ARKADII ALEKSEEVICH, 1905-
Conversation about a cultured person. Chto chitat' 3 no. 1:32-33 Ja '60.

New gusher on Peschanyy Island. Izv. vys ucheb zav., neft' i gaz 3 no 2:72 '60.

PESCHANYY ISLAND—OIL WELL DRILLING, SUBMARINE—EQUIPMENT AND SUPPLIES

A large offshore platform. Izv vys.ucheb.zav., neft' i gaz 3 no.2 68 '60

PETER I, The Great, Emperor of Russia, 1672-1725

On the history of machine tools from Peter the Great's Machinery Laboratory. V Vasil'ev Soob.Gos.Erm. no 16 13-17 '59.

A rare medallion in commemoration of the unveiling of the monument to Peter the Great E Shchukina Soob. Gos.Erm. no.15 14-15 '59.

An unknown work by Marie Anne Collot. Zh Matsulevich. Soob Gos Erm. no 16 20-21 '59

PETLIURA, SYMON VASYL'OVYCH, 1879-1926

Ukrainian National State Union in U.S.A. [Symon Petliura, the great statesman] Simon Petliura, derzhavnyi muzh. N'iu Iork, 1957. 192 p
(NN)

PETRACHENKOV, NIKOLAI

A poet from Sakhalin ("Sakhalin virgin soil" by Nikolai Petrachenkov. Reviewed by V.Kantorovich). Moskva 4 no.2 218 '60.

PETRIKOVKA—ART INDUSTRIES

Genuine folk art N.Glukhen'kaia Prom koop 14 no 1 25 Ap '60

PETROLEUM
(see also subdivision under Bavly)

Petroleum's "visiting card." V.Florovskaia. IUn.tekh. 4 no.2:33-36 F '60.

Search for "big oil." V.F.Solov'ev. Nauka i zhizn' 27 no.2:22-27 F '60.

Studying the distribution of uranium in the system petroleum - aqueous solutions. G Kh Efendiev, R A.Alekperov Azerb.khim zhur. no.2:137-143 '59

PETROLEUM—ANALYSIS
(see also subdivision under Buzovny region, Chokrak region, Daghestan, Krasnodar Territory, Turkmenistan)

Anastas'evskaya petroleum as a stock for producing the MK-8-type lubricating oils. S F Krein, E.N.Kalaitan, IU V.Stupishin. Khim i tekh.topl i masel 5 no.2 6-11 F '60

PETROLEUM—BIBLIOGRAPHY see Bibliography—Petroleum

PETROLEUM—PRICES

Price determination of fuel oil and gas. T.I.Ankarskii. Nauch.trudy MGEI no.17,61-78 '59.

PETROLEUM—REFINING
(see also subdivision under Krasnodar, Ukhta River)

The chemistry of petroleum. IA.Sereda. Nauka i zhyttia 10 no.1:47 Ja '60.

Conference on the complete automatization of technological processes in petroleum refining I L Cherniak Khim.i tekh.topl.i masel 5 no.2 70-71 F '60.

Dynamics of gas flow in the operation of cyclone discharge pipes in petroleum refining units. E IA Barsukov, IA A Botnikov, G S Erokhin. Khim i tekh.topl. i masel 5 no 4 45-49 Ap '60

Effect of the hydrofining of fuels from eastern petroleums on the wear and scale formation in diesel engines. M.S Smirnov. Khim.i tekh.topl.i masel 5 no.3 42-45 Mr '60

Gun, R.E., and M.E.Rybak. [Complete automatic control of second-stage distillation units] Kompleksnaia avtomatizatsiia ustanovok vtorichnoi peregonki Moskva, Gos.nauchno-tekhn.izd-vo neft i gorno-toplivnoi lit-ry, 1960 74 p.

Higher n-paraffins from Bitkov and Dolina crudes. E.F. IAtsenko, N.I.Chernozhukov. Khim.i tekh.topl.i masel 5 no.3 1-5 Mr '60.

Hydrocarbons of the tetralin series in the kerosine fraction of petroleum from the Romashkino field. L.A. Mukhamedova, M Kh.Baiburova. Khim.i tekh.topl.i masel 5 no.3 5-8 Mr '60

Liquid phase hydrogenation of petroleum residues in the presence of a suspended catalyst I.A.Makarov. Trudy Vost.-Sib fil AN SSSR no.26 92-97 '59.

Production of stable transformer oils from sulfur-bearing crudes. A.E.Al'tshuler. Khim i tekh.topl.i masel 5 no.4 12-17 Mr '60.

PETROLEUM—REFINING—BIBLIOGRAPHY see Bibliography—Petroleum—Refining

PETROLEUM—TRANSPORTATION see subdivision under Ordzhonikidze

PETROLEUM AS FUEL

Effect of electrolytes on the stability of fuel oil emulsion. P.R.Taube, Z.P.Khaistova Izv.vys.ucheb.zav.,neft' i gaz 3 no.2:95-98 '60.

Utilization of heavy petroleum residues and tars in the form of fuel emulsions for burning and gasification. V.M. Ivanov and others. Trudy IGI 11:156-168 '59.

(see also subdivision under China)

Effect of a sand plug with variable permeability on well productivity F D Dadasheva, G D Salimov Dokl AN Azerb.SSR 16 no 1 3-5 '60

PETROLEUM GEOLOGY
(see also subdivision under Apsheron Archipelago, Caspian Depression, Fergana; Kuznetsk Basin, Pripet Valley, Romashkino region, Tuymazy, United Arab Republic, Ural Mountain region, Volga Valley, West Siberian Plain)

Chakhmakhcheev, A.G. [Petroleum prospecting, production and reserves in foreign countries] Poiski, dobycha i zapasy nefti za rubezhom Red.I O.Brod. Moskva, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 58 p. (Zarubezhnaia tekhnika)

Role of a study of the bitumens of sedimentary rocks in elucidating the problem of petroleum formation and oil pools M V Abramovich Dokl AN Azerb.SSR 16 no 1 49-52 '60

PETROLEUM IN SUBMERGED LANDS
(see also subdivision under Azerbaijan, Caspian Sea)

Search for petroleum in the sea. V.Azernikov. IUn. tekh. 4 no.3:30-32 Mr '60.

PETROLEUM INDUSTRY
(see also subdivision under Azerbaijan, Bashkiria, China, Germany, West, Kuybyshev Province, Libya, Near East; Polotsk)

Competition between related enterprises. Neftianik 5 no.5 6-9 My '60.

In the Central Committee of Trade Union of Workers of the Petroleum and Chemical Industries. Neftianik 5 no.5:34 My '60.

L'vov, M.S., and A.A.Keller. [Petroleum and gas industries of the U.S.S.R. in the seven-year plan] Neftianaia i gazovaia promyshlennost' SSSR v semiletke. Moskva, Gosplanizdat, 1960. 84 p.

Results of the All-Union socialist competition. Neftianik 5 no.5:9-10 My '60.

We desire to work and live in the communist manner. R.K.Batyrov. Neftianik 5 no.5:10 My '60.

Welcoming the second congress of trade union of workers employed in the petroleum and chemical industries. Neftianik 5 no.5:2-4 My '60.

PETROLEUM INDUSTRY—BY-PRODUCTS

Effect of irrigation and waste gumbrin on the yield of saffron [in Azerbaijani with summary in Russian]. I.M Rzakuliev Uch zap AGU Biol.ser no.2 3-16 '59

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

Competition among volunteer fire-fighting crews. V.Zhokhov. Pozh.delo 6:26 Je '60.

PETROLEUM INDUSTRY—HYGIENIC ASPECTS
(see also subdivision under Baku)

Local exhaust on compressor stations with internal combustion motors B Daniushevskii. Okhr.truda i sots. strakh 3 no 4 69 Ap '60.

PETROLEUM INDUSTRY—LABOR PRODUCTIVITY
(see also subdivision under Bashkiria)

Conference of petroleum and gas industry workers and prospecting organizations Sots.trud 4 no.12 143-144 D '59

PETROLEUM PRODUCTS

Destructive hydrogenation of total liquid-phase petroleum hydrogenates on fixed bed catalysts. D.B.Orechkin, L F.Ovsiannikov, T A.Bogdanova. Trudy Vost.-Sib fil.AN SSSR no.26 71-85 '59

Hydraulic method for removing sulfur from petroleum products. Neftianik 5 no.5:24-25 My '60.

Hydrogenation of petroleum distillates on fixed bed catalysts I.A.Makarov. Trudy Vost.-Sib.fil.AN SSSR no.26 86-91 '59

Improvement of the apparatus for the determination of the viscosity of oil products. P.G.Morev. Elek.i tepl.tiaga 4 no.2:23 F '60.

Limiter for filling tank cars with petroleum products. T.Skichko. Neftianik 5 no.5:26-27 My '60.

Steam equipment for the dehydration of fuel oil. O.N. Bagrov, B N.Khramov. Stal' 20 no.3,283-284 Mr '60

The UPE-1-58 unit for producing gas by electric pyrolysis. D.M.Ofitserov. Biul tekh.-ekon.inform. no.3:7-9 '60.

Using hydrogenation methods for determining the hydrocarbon group composition of petroleum products containing unsaturated compounds [in Azerbaijani with summary in Russian]. M.F.Nagiev, B.G.Abbasova, V.G. Kulieva. Azerb.khim.zhur. no.2:17-27 '59.

PETROLEUM PRODUCTS—ANALYSIS

Chromatographic separation of large fractions of petroleum products from secondary origin. A Z.Dorogochinskii, N.P.Mel'nikova, O.I.Svetozarova. Khim.i tekh.topl.i masel 5 no.2:19-24 F '60

Method of determining abrasive impurities in petroleum products. V.M.Mikhlin, N.N Speransov. Khim.i tekh. topl.i masel 5 no.3:57-61 Mr '60.

Measures for increasing accuracy in measuring the viscosity of petroleum products. Izm.tekh. no.2:63-64 F '60.

PETROLEUM REFINERIES
(see also subdivision under Novogroznenskiy; Syria)

Selection of industrial layouts for petroleum refineries V M.Andrianov, P A.Khokhriakov. Khim i tekh.topl i masel 5 no 2 51-57 F '60.

Shortcomings in the design of petroleum refineries in the field of safety engineering. G.P.Zhikhareva. Neftianik 5 no.5:28-29 My '60.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES
(see also subdivision under Omsk)

Air heater operating on exhaust gases obtained from burning sulphur-bearing fuel oil. R.Z.Rakhmilevich. Izv.vys.ucheb.zav.,energ. 3 no.4.82-90 Ap '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam.
Sbornik 25. [Assemblying equipment for petroleum refineries] Montazh oborudovaniia nefteperérabatyvaiushchikh zavodov, 1960. 37 p.

PETROLEUM REFINERIES—FIRES AND FIRE PREVENTION

Fire at an oil refinery. G.Budilov. Pozh.delo 6:15-16 Je '60

PETROLEUM RESEARCH see subdivision under Tatar A S S.R.

PETROLEUM WORKERS—DISEASES AND HYGIENE see subdivision under Nadvornaya, Yuzhny Atamyshik

PETROLOGY
(see also subdivision under Noril'sk region, Pechora Valley)

Williams, Howel. [Petrography; an introduction to the study of rocks in thin sections. Translated from the English] Petrografiia; vvedenie v izuchenie gornykh porod v shlifakh. Moskva, Izd-vo inostr. lit-ry, 1957. 425 p.
(IEN)

PETROVSKOYE (KHARKOV PROVINCE)—SUGAR MANUFACTURE

Experience in using sodium phosphate for improving the boiling and centrifuging of massecuites at the Petrovskoye Sugar Factory. V.M.Portsel', I.A.Rostripenko, A.D.Golubeva. Sakh.prom. 34 no.3.10-12 Mr '60

PETROZAVODSK—AERONAUTICS, COMMERCIAL

Trial period. N.Finogenov. Grazhd.av. 17 no.2:8 F '60.

PETRUSENKO, OKSANA ANDRIIVNA, 1900-1940

People's actress. Mystetstvo 7 no 1 46 Ja-F '60.

PETRUSHEVSKII, IL'IA PAVLOVICH, 1898-

Professor I.P.Petrushevskii's 60th birthday. Uch.zap. LGU no.262 5-6 '59.

PETRUSHEVSKII, IL'IA PAVLOVICH, 1898-—BIBLIOGRAPHY see Bibliography—Petrushevskii, Il'ia Pavlovich, 1898-

PHAGOCYTOSIS

Effect of a growth substance derived from petroleum on the phagocytic activity of leucocytes [in Azerbaijani with summary in Russian]. A.I.Karaev. Dokl.AN Azerb.SSR 16 no.1:81-85 '60.

Phagocytic reaction in treatment of patients with paradentosis. O.G.Datsenko, Z.A.Flis. Probl.stom. 4: 295-299 '58.

PHARMACEUTICAL RESEARCH

"Principal trends in the work of the S. Ordzhonikidze All-Union Chemicopharmaceutical Scientific Research Institute from 1920 to 1957." Med.prom 14 no 3:62 Mr '60.

Recommendations on the preparation of a plan for research in 1961-1962 on problem No. 47. P.L.Senov, A.K.Mel'nichenko. Apt.delo 9 no.2:6-11 Mr-Ap '60.

PHARMACEUTICAL SOCIETIES see subdivision under Azerbaijan; Ukraine

PHARMACIES see Drugstores

PHARMACOLOGY

Men'shakov, P.G. [Pharmacology] Farmakologiia. Izd.4., ispr.i dop. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 270 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DA)

"Pharmacopoea Internationalis", supplement. World Health Organization. Reviewed by A.P.Arzamastsev. Apt.delo 9 no.2:91-93 Mr-Ap '60.

[illegible] Farmakopeia. Iu.A.Blagovidova. Apt. delo 9 no.2:72-74 Mr-Ap '60.

PHARMACY
(see also subdivision under Tiflis)
[illegible] Apt.delo 9 no.1:83-84 Ja-F '60.
[illegible] of injection solutions and other liquids in [illegible] practice [with summary in English]. [illegible], I.M.[illegible]. Apt.delo 9 no.2:65-67 Mr-Ap '60.
[illegible] for the people. Apt.delo 9 no.2:3-5 Mr-Ap '60.
[illegible] of [illegible] medicinal mixtures with ingredients [illegible] compatibility. M.M.Perel'man. Apt.delo 9 no.2:44-45 Mr-Ap '60.
[illegible] Leningrad [illegible] Institute. [illegible] staff of pharmacy] [illegible] staff. [illegible] and A.I.Pokhova. [illegible] Medgiz, 1959. 314 p. [illegible]

PHARMACY - CONGRESSES
[illegible] Congress in [illegible] Var. [illegible] Apt.delo 9 no.1:81-84 [illegible]

PHARMACY - NOMENCLATURE
[illegible] situation of [illegible] A.A.Mish[illegible] Apt.delo 9 no.1:10-14 [illegible]

PHARMACY - STUDY AND TEACHING see subdivision under [illegible]

PHASE RULE AND EQUILIBRIUM
[illegible] of the disperse phase in stainless chromium-nickel [illegible] steel. N.P.Agapova, [illegible] Fiz.met.i metalloved. 9 [illegible]
[illegible] diagram of the system [illegible] nickel [illegible] Izv.AN SSSR Otd.tekh.nauk [illegible] My-Je '60
[illegible]
[illegible]
[illegible]
[illegible] of high-titanium alloys. [illegible] Izv.AN SSSR.Otd.tekh.nauk.Met. i topl. no.3:[illegible] My-Je '60
[illegible] Fiz.met.i metalloved. [illegible]
[illegible]
[illegible] diagram of the system [illegible] Izv.vys.ucheb.zav.; khim. [illegible]
[illegible]
Measuring the surface of structural constituents by the [illegible] method. A.G.Spektor. Zav.lab. 26 no.2:203-205 '60.
[illegible] of [illegible] in solid solutions near the [illegible] temperature. O.M.[illegible], M.V.Pikunov. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.3:44-47 My-Je '60.
[illegible]
Phase [illegible] of niobium alloys. A.V.Bychkova. [illegible] no.3:41-49 '59
Phase transformations during the aging of copper-titanium alloys. E.G.[illegible], E.V.Chistiakov. Fiz.met.i metalloved. 9 no.3:439-441 Mr '60
Phase transformations during the mechanical testing of [illegible] carbon steel. R.A.Agaev, R.A.[illegible] Izv. [illegible] no.3:91-92 '60.
Solid solutions in high-titanium alloys. A.V.Bychkova, [illegible] Tsvet.metally [illegible]
[illegible]
Solving the partial constitutional diagram of titanium-aluminum-chromium-iron alloys. I.I.Kornilov, V.S. Mikheev, T.S.Chernova. Izv.AN SSSR.Otd.tekh.nauk. Met.i topl. no.3:[illegible] My-Je '60
Thermodynamics of thin liquid layers [with summary in English]. [illegible] Koll.zhur. 22 no.1 [illegible] Ja-F '60

Directing influence of substituents in the formation of N-oxides of phenylphenazines. Part 3. Iu.S.Rozum. Zhur.ob.khim. 30 no.6:2039-2040 Je '60.

PHENOL
Isolation of cell nuclei by the phenol method and their characteristics [with summary in English]. G.P. Georgiev, V.L.Mant'eva. Biokhimiia 25 no.1:143-150 Ja-F '60.
Nitrophen, a new insecticidal, fungicidal, and herbicidal chemical [with summaries in English, German, and French]. A.I.Kolikov and others. Vest.sel'khoz. nauki 5 no.2:141-144 F '60.
Reduction of p-nitrophenol on a nickel skeletal catalyst in the presence of potassium chloride, bromide, and iodide. D.V.Sokol'skii, G.D.Zakumbaeva. Trudy Inst. khim.nauk AN Kazakh.SSR 5:3-8 '59.

PHENOL CONDENSATION PRODUCTS
Carbolite and its properties. D.Kolikov, V.Komarkov. [illegible] 6:0 Je '60.
Certain problems involved in the processing of thermosetting compositions molded on the basis of phenolic resins. A.N.Nikolaev. Plast.massy no.3:41-44 '60.
Increasing the functionality of coupled phenols isolated from creosote oil obtained in the thermolysis of birch wood. I.V.[illegible], G.I.[illegible] Gidroliz.i lesokhim.prom. 13 no.2:11-13 '60.
Interrelationship of certain factors in the process of preparation of [illegible] by the continuous method. [illegible] Plast.massy no.1:28-30 '60.
New [illegible] of production of phenol-formaldehyde [illegible] V.M.[illegible] Plast.massy no.1:[illegible] '60.
Properties of K-211-3, [illegible] and [illegible] phenolic plastics. F.I.[illegible], M.M.[illegible], A.V.[illegible] Vest.elektroprom. 31 no.4:20-23 Ap '60.
Synthesis of the products of condensation of carbamide and alkyl phenols with formaldehyde, and their use as stabilizing additions to lubricating oils. A.M.Kuliev, [illegible], A.B.Aliev. Azerb.khim.zhur. [illegible]
Using [illegible] resins for the manufacture of models and dies. [illegible], V.A.[illegible] Plast.massy no.3:61-64 '60.

PHENOLOGY
[illegible] in the [illegible] Haloxylon [illegible] N.I.[illegible] Bot.zhur. 45 [illegible] My '60.

PHENOLS
Alkylphenols. Part 13. Cleavage of trialkylphenols [illegible] Zhur.ob.khim. 30 no.6:[illegible] Je '60.
[illegible] phenol [illegible] from [illegible] Dop. [illegible]
[illegible] of waste waters [illegible] plants by the [illegible] 4:12-15 '60.
Phenols from the [illegible] processing of [illegible] Plast.massy no.3:55-56 '60.
Purification of waste waters from the manufacture of phenol-formaldehyde plastics. [illegible] Plast.massy [illegible] '60.
Transformations of [illegible] under conditions of [illegible] hydrogenation. [illegible] 25 no.2:[illegible] '60.

PHENOLS - ANALYSIS
Chemical properties of neutral sulfur compounds entering into the composition of crude shale tar phenols. S.M. Grigor'ev, M.S.[illegible], M.V.Pronina. Izv.AN SSSR. Otd.tekh.nauk.Met.i topl. no.3:144-148 My-Je '60.

PHENOLS - TOXICOLOGY
Cases of poisoning by phenol vapors of workers engaged in [illegible] with phenol water. V.I. Petrov. Gig.i san. 25 no.2:80-82 F '60.

PHENOTHIAZINE
Reply to I.I.[illegible] and N.S.Bogomolova's letter. M.A.[illegible] [illegible] 143-148 '60.

PHENOXAZINE
Studies in the phenoxazine series. Part 2. Synthesis of some derivatives of [illegible] phenoxazinecarboxylic acid. G.S.Predvoditeleva, M.N.Shchukina. Zhur.ob. khim. 30 no.6:1831-1834 Je '60.

PHENOXAZINECARBOXYLIC ACID
Studies in the phenoxazine series. Part 3. Synthesis of some derivatives of [illegible] phenoxazinecarboxylic acid. G.S.Predvoditeleva, M.N.Shchukina. Zhur.ob. khim. 30 no.6:1843-1847 Je '60.

PHENYLENE
Phenylene containing silicon organic compounds. V.S. Chugunov. Izv.AN SSSR.Otd.khim.nauk no.5:942-943 My '60.

Studies in the series of alkylated aromatic amines. Part 1. Methylated derivatives of phenylenediamines. S.F.Torf, N.V.Khromov-Borisov. Zhur.ob.khim. 30 no.6:1798-1805 Je '60.
Studies in the series of alkylated aromatic amines. Part 2. Interaction between unsymmetrical dialkyl-p-phenylenediamines and alkyl iodides. N.A.Zakharova, N.V.Khromov-Borisov. Zhur.ob.khim. 30 no.6:1805-1814 Je '60.

PHILIPE, GERARD, 1922-1959
Gerard Philipe. V.G. Teatr 21 no.3:180-190 Mr '60.

PHILIPPINES - MILITARY BASES, AMERICAN
The Philippine people are against atomic armament. V.Tikhonov. Sovi.Vost. no.6:56-57 Je '60.

PHILIPPINES (REPUBLIC) - ECONOMIC CONDITIONS
Savel'ev, N.A. [American capital in the Philippines] Amerikanskii kapital na Filippinakh. Moskva, Izd-vo In-ta mezhdunar.otnoshenii, 1960. 203 p.

PHILOSOPHERS, ANCIENT
On the antihistorical characteristics in the viewpoints of ancient materialist on religion. P.N.Galanza. Vest. Mosk.un.Ser.8. Ekon.filos. 15 no.3:76-87 My-Je '60.

PHILOSOPHY
(see also subdivision under Korea, North)
Critical evaluation of relativism by V.I.Lenin. A.G.Nikitina. Nauch.dokl.vys.shkoly; filos.nauki 3 no.1:37-47 '60.
Evaluation of the neopositivistic theory of the subject of philosophy. I.S.Narskii. Nauch.dokl.vys.shkoly; filos. nauki 3 no.1:128-138 '60.
Interuniversity conference of social science teachers. G.N.Kushkov. Vest.LGU 15 no.11:146-147 '60.
Publication of contemporary foreign philosophical literature. D.M.Leont'ev. Vop.filos. 14 no.6:167-171 '60.

PHILOSOPHY - BIBLIOGRAPHY see Bibliography - Philosophy

PHILOSOPHY - DICTIONARIES
"Philosophical encyclopedia." Nauka i zhizn'. no.3:64 '60? [illegible]

PHILOSOPHY - STUDY AND TEACHING see subdivision under Rostov on Don

PHILOSOPHY, AMERICAN
Some problems in the postwar struggle against bourgeois philosophy in the U.S.A. I.V.Skvortsov. Nauch.dokl. vys.shkoly; filos.nauki 3 no.1:184-193 '60.

PHLEBITIS
Clinical aspects of thrombophlebitis and their complications. I.M.[illegible] Med.zhur.Uzb. no.10:30-31 O '59.

PHONETICS
Methods of phonetic instruction in the First Moscow State Pedagogical Institute of Foreign Languages. A.I. [illegible] Uch.zap. MGPIIIA 21:[illegible] 288 '59.

PHONORECORDS
(see also subdivision under Czechoslovakia, Germany, East, Tashkent, United States)
New records. Sov.muz. 24 no.3:142-143 Mr '60.
New works of the All-Union Recording Studio. Sov.muz. 24 no.3:141-142 Mr '60.

PHOSGENE
Synthesis and conversions in the series of diarylureas. Part 10. Reaction of phosgenation of 3,4,5-trichloroaniline under conditions leading to the formation of 3,3',4,4',5,5'-hexachlorodiphenylurea. D.F.Kutepov, N.S.Rosanova. Zhur.ob.khim. 30 no.6:2041-2044 Je '60.
Synthesis and conversions in the series of diarylureas. Part 11. Mechanism of the reaction of 3,4,5-trichloroaniline with phosgene. D.F.Kutepov. Zhur.ob.khim. 30 no.6:2044-2047 Je '60.

PHOSPHATASE
Activity of alkaline phosphatase of the blood in liver disorders in connection with long-term occupational intoxication by sulphur compounds and TSS (thiamine sulphate). I.K.Golubovskii. Kaz.med.zhur. 41 no.1:99-102 Ja-F '60.
Effect of total X irradiation on the activity of acid and alkaline phosphatase in rat brain, liver, and spleen. L.F.Pomazanskaia. Dokl.AN SSSR 132 no.5:1197-1200 Je '60.

PHOSPHATE INDUSTRY see subdivision under Riga

PHOSPHATES
Chemistry and biochemistry of condensed polyphosphates. D.L.Ferdman. Ukr.biokhim.zhur. 32 no.3:452-482 '60
Comparative effectiveness of the action of different phosphates on the growth and yield of oats and corn. K.V. Kalinin. Izv.TSKhA no.6:95-106 '59.

Effect of phosphate administration on the biochemical changes in working muscles [with summary in English] V. Rogozkin, L Markevich Ukr. biokhim zhur. 32 no 1 77-82 '60

Hydrothermal process of defluorination of natural phosphates in a cyclone furnace. S. I. Vol'fkovich and others. Khim. prom. no. 8 671-680 D '59.

P_2O_5 motion in peat soils and its absorption by barley plants T N Kulakovskaia Trudy Belar nav -dasl inst mel i vod hasp 8 219-233 '58

Relationship between the composition and structure of phosphates in the system CaO - P_2O_5 - SiO_2 and their assimilability by plants S I Vol'fkovich and others Zhur prikl khim 33 no 3 524-533 Mr '60.

PHOSPHATES—PHYSIOLOGICAL EFFECT

Change in calcium metabolism during fluorine intoxication and the influence of some mineral salts and vitamin D [with summary in English] IU P Nikitin Gig i san 25 no 2.34-39 F '60

PHOSPHATIDES

Distribution of phosphatides in the organs of salmon [with summary in English]. V I Trusov Biokhimiia 25 no 1:24-27 Ja-F '60.

Interaction between phosphatides and gossypol in the presence of water. V. P. Rzhekhin, I. S. Preobrazhenskaia. Masl -zhir. prom. 26 no. 3:3-5 Mr '60.

Investigating the surface active properties of phosphatide concentrate L IA. Auerman, L D. Dotsenko, L I Puchkova Izv vys ucheb zav ,pishch. tekh no 1 76-78 '60

Problem of additional unaccounted losses of soy-bean oil incurred at the expense of phosphorus-containing compounds. V. A. Kukhlevskaia. Masl -zhir. prom. 26 no. 3·6-8 Mr '60.

PHOSPHAZO COMPOUNDS

Diphenylalkoxy- and diphenylaroxyphosphazosulfonaryls V I Shevchenko, V T Stratienko Zhur ob khim 30 no 6 1956-1960 Je '60

PHOSPHINE OXIDE

Alkyl phosphonates, diphosphonates, and phosphine oxides as extracting agents. K A. Petrov and others. Zhur. neorg. khim 5 no 2 498-502 F '60.

PHOSPHONIC ACID

Alkyl phosphonates, diphosphonates, and phosphine oxides as extracting agents. K. A. Petrov and others Zhur. neorg. khim. 5 no. 2 498-502 F '60

Diphosphonates Part 3 Synthesis of O- and S-phosphonates K A Petrov, F L. Makliaev, N K Blizniuk Zhur ob khim 30 no 6 1960-1964 Je '60

Reaction of sodium dialkyl phosphites and sodium monoalkyl phosphonates with alkylmagnesium halides K A Petrov, N K Blizniuk, T N Lysenko Zhur ob khim 30 no 6 1964-1968 Je '60

PHOSPHONIUM COMPOUNDS

Herbicides and plant regulators Part 35 Synthesis of some triphenylphenoxyalkylphosphonium salts N N Mel'nikov, V A Kraft Zhur ob khim 30 no 6 1918-1921 Je '60

PHOSPHOROUS ACID

Esters of β-ketophosphonic acids Report No. 5· Structure of the products of the interaction between certain α-halo ketones of the carbocyclic series, triethyl phosphite, and sodium diethyl phosphite. B. A. Arbuzov, V. S. Vinogradova, N. A. Polezhaeva. Izv. AN SSSR Otd. khim nauk no 5 832-841 My '60

Reaction of sodium dialkyl phosphites and sodium monoalkyl phosphonates with alkylmagnesium halides K A Petrov, N. K Blizniuk T N Lysenko Zhur ob khim 30 no 6 1961-1968 Je '60

PHOSPHORS

Luminescence dosimeters for γ-radiation, β-particles, and neutrons, based on the phosphor $CaSO_4$.Mn V. A Arkhangel'skaia and others. Atom. energ 8 no 6:559-561 Je '60

PHOSPHORUS

Absorption of labeled phosphorus by wheat and its incorporation into compounds of different fractions. L. A Zuev, Yu Ch'ung-piao. Vest. Mosk. un. Ser. 6 Biol., pochv 15 no. 2 40-50 '60.

PHOSPHORUS—ANALYSIS

Method for determining the total phosphorus in the soil. M N. Burangulova, G. F. Galimov. Izv. Sib. otd. AN SSSR no. 2:97-103 '60.

Study of the phosphorus compounds and calcium in the saliva in paradentosis. T. S. Mikhailovskaia, N. A. Sychev, N. IA. Malikova. Probl. stom. 4 93-97 '58.

PHOSPHORUS—ISOTOPES

Late results of radioactive phosphorus treatment of some dermatoses. B. A. Zadorozhnyi, V S Askochinskaia. Vrach delo no 1·87 '60

PHOSPHORUS—THERAPEUTIC USE

Use of radiocative phosphorus (P_{32}) in the diagnosis of cancer of the vaginal portion of the cervix uteri [with summary in English]. J. Stanicek, V. Drasil. Vest rent i rad. 35 no. 1:47-49 Ja-F '60.

[illegible] glycolfumaratephosphinate with allyl derivatives of phosphorus acids [with summary in English]. M. E. Mat'iakova, S. S. Spasskii Vysokom soed. 2 no. 6·879-883 Je '60.

PHOSPHORUS IN THE BODY

Content changes in the fractions of tissue phosphorus and "structural" proteins in the liver of one-year-old rats, effected by a prolonged growth-retarding diet and subsequent fattening [with summary in English]. V. M. Nikitin, L I. Stavyts'ka Ukr. biokhim. zhur 32 no. 1 54-66 '60

PHOSPHORUS IODIDE

Alkylation of phosphorus diiodide E S Levchenko, IU V Piven', A V Kirsanov Zhur ob khim 30 no 6 1976-1981 Je '60

PHOSPHORUS METABOLISM

Chemistry and biochemistry of condensed polyphosphates. D. L. Ferdman Ukr biokhim zhur 32 no 3 452-482 '60

Metabolism of labile phosphorus compounds in the brain during total-body X-irradiation. L. S. Cherkasova, V G Remberger. Dokl. AN BSSR 4 no 3 129-131 Mr '60.

Metabolism of phosphorus compounds in tissues of different organs of the spring wheat plant L A Zuev, Yu Ch'ung-piao Dokl AN SSSR 132 no 6 1434-1437 Je '60

Primary inclusion of phosphates in root metabolism [with summary in English]. A. L. Kursanov, E. I. Vyskrebentseva. Fiziol. rast 7 no. 3 276-286 '60.

PHOSPHORUS ORGANIC COMPOUNDS

Conference on the chemistry and use of phosphorus organic compounds P. I. Sanin. Khim i tekh. topl i masel 5 no 3 71 Mr '60.

PHOSPHORUS OXIDE

Solubility in the ternary system Al_2O_3 - P_2O_5 - H_2O. V. N. Sveshnikova. Zhur. neorg khim 5 no 2 477-180 F '60.

PHOSPHORYLATION

Effect of reduced atmospheric pressure on thiamine phosphorylation in rat tissues [with summary in English] IU V Khmelievs'kyi Ukr biokhim. zhur 32 no. 3 412-417 '60

Phosphorylating and nonphosphorylating pathways of oxidation, multiple change-over [with summary in English]. V P. Skulachev, L. I. Kiselev. Biokhimiia 25 no 1: 90-95 Ja-F '60.

Role of the neurogenic factor in distrubances of the phosphorylytic splitting of polysaccharides in the muscles in experimental ischemia T. IA. Balaba. Vrach delo no 1·41-43 '60

PHOTOCHEMISTRY

Reaction of reversible photochemical reduction of chlorophyll, its analogs, and derivatives. A. A. Krasnovskii. Usp. khim. 29 no. 6 736-759 Je '60.

PHOTOCHRONOGRAPH

Some problems in the development of slow motion apparatus and photochronographs with mirror image scanning. G. L Shnirman. Usp nauch. fot. 6:93-101 '59.

PHOTOCOLORIMETERS see Colorimeters

PHOTOCONDUCTIVITY

Photoconductivity of antimony selenide single crystals. A. Kh. Zeinalov, B. T. Kolomiets. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1·79-83 '59.

PHOTOELECTRIC CELLS

Photoelectric control of coal feeding. A. N. Ogurtsov, N. V. Dontsov, K. P. Baidal. Strol. mat. 6 no. 4:25-26 Ap '60.

PHOTOELECTRIC MEASUREMENTS

Measuring the irregularity of shaft rotation. G. F. Zimin. Izm. tekh. no. 2:12-14 F '60.

Noncontact optical method for measuring dimensions. A. A. Parshina. Proborostroenie no. 3:22-24 Mr '60.

Photoelectric method and testing equipment for the determination of the radiating properties of liquid metals D. IA. Svet, O. N Talenskii Trudy Inst. met. no 5 183-188 '60.

Photoelectric microscopes for comparing hatched length measures. L. K. Kaiak, S. I. Toropin. Izm. tekh. no. 2: 3-5 F '60.

Recorder for the photoregistration of small currents V. G Govorkov, A F Zakatov, V. R. Regel'. Prib. i tekh. eksp no. 1 138-139 Ja-F '60.

Reproduction of the brightness-temperature scale by the photoelectric method. I. I. Kirenkov, V. A. Kovalevskii, G. A. Krakhmal'nikova. Izm tekh. no. 2·18-20 F '60.

Using the photoelectric method for profiling surfaces. A. P. Kartashev. Trudy Sem. po kach. poverkh. no. 4:171-176 '59.

PHOTOELECTRIC MULTIPLIERS

Investigating the process of continuous secondary electron intensification in a single-channel multiplier. I. V. Siprikov. Trudy Inst met no 5:189-192 '60.

[illegible] N. A. Uvarov Prib i tekh eksp no 1 69-73 Ja-F '60

PHOTOELECTRICITY

Applying a semiconductor with a single extrinsic level in explaining effects of extinction of photoconductivity and photoactivation. A. IU. Zeiderman, P. M. Karageorgii-Alkalaev. Izv. AN Uz. SSR. Ser fiz.-mat. nauk no. 6: 60-71 '59.

Theory of the origin of the photoelectromotive force at the p - n junction in semiconductors. M. Azizov, G. M. Avak'iants. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1 15-22 '60.

PHOTOGRAPHIC EMULSIONS

Dubno. Ob''edinennyi institut iadernykh issledovanii. [Materials of the Conference on Methods of Thick-layer Photographic Emulsions] Materialy Soveshchaniia po metodike tolstosloinykh fotoemulsii. [n. p.] 1957. 2 v. (NNC)

PHOTOGRAPHIC INTERPRETATION

Moscow Gosudarstvennyi okeanograficheskii institut Leningradskoe otdelenie [Album of aerial photographs of different forms of ice occurring in the sea] Al'bom aerofotosnimkov ledovykh obrazovanii na moriakh. Leningrad, Gidrometeor izd-vo, 1960. 221 p.

Organization of large-scale mapping operations for agricultural purposes. N. V. Shubina. Vest. Mosk. un Ser. biol., pochv., geol., geog. 14 no 3:199-203 '59.

Topographic interpretation of aerial photos of mountains taigas [with summary in English] L. E. Smirnov Vest LGU 15 no 12 127-137 '60

Use of aerial photographic materials in fractional division of soils in the Meshchera Lowland. T V. Afanas'eva Vest. Mosk un Ser 6 Biol , pochv. 15 no. 2 63-7[illegible] '60.

Work practices in the identification of settlements A M Pankratov Geod. i kart no. 2·38 F '60.

PHOTOGRAPHIC OPTICS

Optical accelerators and a new optical system for high speed motion-picture cameras. L. A Smirnov. Usp nauch fot 6 121-130 '59.

Practical ways of manufacturing optical grids for ultra-high-speed photography L V. Akimakina Usp nauch fot 6 152-154 '59.

Small turbine motor for high-speed photographic recording equipment. S N Sidorov Usp. nauch. fot. 6·116-120 '59.

Some problems of the theory of mirror image scanning. A. S Dubovik. Usp nauch fot 6·102-112 '59.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Unit for the standardized developing of photographic layers. K. F. Izmailov. Poligr. proizv. no. 1:11-12 Ap '60.

PHOTOGRAPHY—DICTIONARIES

Sakharov, A. A. [Anglo-Russian dictionary of photography and cinematography] Anglo-russkii slovar' po fotografii i kinematografii. Pod red E. M. Goldovskogo. Moskva, Gla. red. inostr. nauchno-tekhn. slovarei Fizmatgiz, 1960 395 p.

PHOTOGRAPHY—EXHIBITIONS

(see also subdivision under Moscow)

"Socialism in winning." M. Vasilenko, IU. Khodzhaev. Kul't. i zhizn' 4 no. 3:50-53 '60.

PHOTOGRAPHY—FILMS

FT-SK supercontrast film. K. R. IAnson. Poligr proizv. no 3 16-17 Mr '60

Using multilayer films to control the flattening of aerial films in a plane. V. M. Serdiukov. Geod. i kart. no. 3 36-39 Mr '60.

PHOTOGRAPHY—LIGHTING

Apparatus with pulse light sources K E. Monakhov. Usp. nauch. fot 6:200 '59

Light sources for high speed motion-picture cameras. N. N. Ogurtsova, I. V Podmoshenskii. Usp. nauch fot 6 58-61 '59.

Physical mechanism of the discharge in tubular pulse lamps and the load limit of these lamps. I S Marshak Usp. nauch. fot. 6·16-26 '59

Spectral, lighting, and electric characteristics of xenon arc lamps and possible fields of their application D A Goukhberg. Usp nauch. fot. 6·14-15 '59

PHOTOGRAPHY—PORTRAITS

The "live portrait." E Bialyi Prom. koop. 14 no 4 24 Ap '60.

PHOTOGRAPHY—PRINTING PAPERS

Direct recording paper coated with semiconductor emulsions. IA. Kiselev. Nauka i zhizn' 27 no. 2:60 F '60.

PHOTOGRAPHY—PRODUCTION STANDARDS

Technical basis of production standards for work in photographic laboratories. P. A. Brykin, V. A. Kargashina. Geod. i kart. no. 3:55-61 Mr '60.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Applications of high-speed photography in institutions of higher learning. B V. Kubeev Usp nauch fot 6 215-217 '59.

High-speed photography of a pulse discharge in a liquid dielectric medium using SKS-1 and SFR cameras and in X-rays as applied to the investigation of the dynamics of electric erosion fragmentation of metals B N Zolotykh A I Kruglov Usp nauch fot 6 185-192 '59

In the world of books and periodicals ("Man saw everything" by S. Morozov. Reviewed by T. Konysheva) Tekh mol. 28 no. 2 33 '60

Use of pulse lamps for certain types of medical and anthropological photography I G Shaer Usp nauch fot 6 193-198 '59

PHOTOGRAPHY, AERIAL

Distribution of parasitic light in the focal plane of aerial cameras. A.N. Uspenskii. Geod. i kart. no. 1 39-43 Ja '60.

PHOTOGRAPHY, AERIAL—EQUIPMENT AND SUPPLIES

New devices. A. Uspenskii. Grazhd. av. 17 no. 2·27 F '60.

PHOTOGRAPHY, FLASHLIGHT

Power supply for pulse lamps operating under conditions of high repetition rates of flash. V P. Ivanov and others Usp. nauch. fot 6:62-63 '59.

Powerful pulse light source. M. P. Vaniukov and others Usp nauch. fot 6 53-57 '59

PHOTOGRAPHY, HIGH SPEED

Electric circuit for high-speed framing photography of pulse discharges by means of electron optical image converters. V A. Simonov, G. P. Kutukov. Usp nauch fot. 6 90 '59.

Electric spark apparatus for high speed photography with a stationary film A I Salishchev Usp nauch fot 6 155-171 '59

Introductory address. A A. Lebedev. Usp nauch. fot 6 5-6 '59

Photographic materials for high-speed photography and cinematography. IU. N. Gorokhovskii Usp nauch fot 6 172 '59

Practical ways of manufacturing optical grids for ultra-high-speed photography L V Akimakina Usp. nauch fot 6 152-154 '59

Some problems in the development of slow motion apparatus and photochronographs with mirror image scanning G. L. Shnirman Usp. nauch fot. 6 93-101 '59.

Some problems of the theory of mirror image scanning A. S. Dubovik. Usp. nauch. fot 6 102-112 '59.

Ultrahigh-speed photographic recording apparatus. V. B. Likorenko Usp nauch fot 6·131-138 '59

Use of electronic components in high-speed photography equipment. P. V. Kevlishvili. Usp. nauch. fot. 6:91-92 '59.

PHOTOGRAPHY, HIGH-SPEED—CONGRESSES

Third International Congress on High-Speed Photography. I A Chernyi. Usp. nauch. fot. 6 221 '59

PHOTOGRAPHY, HIGH-SPEED—EQUIPMENT AND SUPPLIES

Small turbine motor for high-speed photographic recording equipment. S N Sidorov Usp. nauch. fot. 6:116-120 '59.

PHOTOGRAPHY, HIGH-SPEED—TERMINOLOGY

Terminology of high-speed photography and cinematography. A. A. Sakharov. Usp nauch. fot. 6 218-220 '59

PHOTOGRAPHY, INSTANTANEOUS

Electron optical image converter for the study of ultra-high-speed processes. M. M. Butslov. Usp. nauch. fot 6 76-83 '59.

PHOTOGRAPHY, INSTANTANEOUS—SCIENTIFIC APPLICATIONS

Electron optical method of the photography of ultrahigh-speed processes. M. M. Butslov and others. Usp. nauch. fot. 6 84-89 '59.

PHOTOGRAPHY, LEGAL

Apparatus used in the identification of persons according to the skull by means of photocombination. S. A. Burov. Sud.-med. ekspert. 2 no. 2,56-58 Ap-Je '59.

PHOTOGRAPHY, MEDICAL

Color gastrophotography P A. Kanizhchev. Vrach delo no 4 413 Ap '60

PHOTOGRAPHY, PARTICLE TRACK

Formation of an image in photographing tracks in bubble chambers IU. A. Aleksandrov and others Prib. i tekh eksp. no. 1 113-114 Ja-F '60.

Tracing particle tracks in emulsion piles. D. S. Amankulova and others. Prib i tekh. eksp no. 1 112-113 Ja-F '60.

·PHOTOGRAPHY, STEREOSCOPIC

Ivanov, B. T., and A. L. Levington. [Stereoscopic photography] Stereoskopicheskaia fotografiia. Pod red. E. A. Iofisa. Moskva, Gos. izd-vo "Iskusstvo," 1959. 94 p. (Biblioteka fotoliubitelia, no. 18)

Surface stereophotography of railroad stations. Sh. I. Fishman. Trudy LIIZHT no. 165:44-49 '59.

PHOTOMECHANICAL PROCESSES

Expand the use of the progressive method of masking. Poligr. proizv. no 2 7-9 F '60.

Manufacture of cross-line screens on photomechanical films V M Varzugin, V P Stepanov Geod i kart no 2:43-48 F '60

Methods for controlling color separation. M. M. Belorusets. Poligr. proizv. no 2 9-11 F '60.

PHOTOMETERS

Microphotometer with a turning table D A. Rozhkovskii Astron tsir no 207 8-10 D '59

New design of a differential photometer for a solar magnetograph [with summary in English] L. M. Kotliar. Astron. zhur. 37 no 3 469-475 My-Je '60.

UIF-1 photometer and calibration of the intensity of light pulses by means of electron modulation of radiation receivers I M. Gurevich. Usp nauch fot 6 68-69 '59.

Visual photometer for observing artificial earth satellites [with summary in English]. V. A. Kosterin. Biul. sta. opt. nabl. isk. sput. Zem. no. 4 8-9 '59.

PHOTOMETRY

Brightness of the twilight and night sky. O. D. Barteneva, A. N. Boiarova. Trudy GGO no. 100 133-140 '60.

Lunar photometry. N. Sytinskaia. IUn. tekh. 4 no. 2· 36-40 F '60.

Using colorimetric and densitometric methods in analyzing printed material. I. S. Fainberg. Poligr. proizv. no. 2; 13-16 F '60.

PHOTOMETRY, ASTRONOMICAL

Photographic photometry of Arend-Roland's comet (1956h) and Mrkos' comet (1957d) S K Vsekhsviatskii, L I Danilenko Astron tsir no. 204 6-7 S '59

Photometric observations of the 1958 δ_1 satellite. John Moore. Biul. sta. opt. nabl. isk. sput. Zem. no. 4 16-17 '59.

PHOTOSYNTHESIS

Aftereffect of high and low temperatures on photosynthesis and respiration in the cotton plant I V Esipova Izv AN Uz. SSR Ser biol nauk no 1 55-61 '57

Effect of organic substances on the photosynthesis and respiration of certain Black Sea algae [with summary in English]. L. H. Lytvynenko Ukr. bot. zhur 17 no. 1 12-18 '60

Evaluation of optical radiation in plant growing [with summaries in English, German, and French] I. I Sventitskii. Vest. sel'khoz nauki 5 no. 2:106-112 F '60

Problems of energy and electron migration in photosynthesis and oxidation, general discussions of the Faraday Society, Apr. 14-16, 1959. A. N Terenin. Biokhimiia 25 no. 1,180-186 Ja-F '60.

PHRENIC NERVE—SURGERY

Roentgenokymography of the diaphragm following suturing of the facial nerve with the phrenic nerve [with summary in English]. L. A. Pikulev, V. I. Grebeniuk. Vest. rent. i rad. 35 no. 1,24-28 Ja-F '60.

PHTHALOCYANINE

Kinetics of the photoconductivity of phthalocyanines E. K. Putseiko Dokl AN SSSR 132 no 6 1299-1302 Je '60

PHYCOMYCETES see subdivision under Kazakhstan

PHYLOGENY

Evolutionary paths and conditions of the development of instincts in ants (Hymenoptera, Formicoidea). S. I. Malyshev. Trudy Vses. ent. ob-va 47:5-52 '60.

Origin of reptiles and certain principles of their classification. L. P. Tatarinov Paleont zhur. no. 4:65-84 '59

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Kalinin, Latvia)

"Collected scientific works of the Stalin State Central Institute of Physical Culture." Reviewed by IU. V Bukin. Teor. i prak fiz. kul' 23 no 6,474-476 '60.

Evaluating the direct effect of physical education lessons on the organism of older persons. V. A. Tishler, B. A. Savenkov. Teor. i prak. fiz. kul', 23 no. 2,113-117 '60.

Health, mass participation skill V. Novoskol'tsev. Agitator no 12 26-27 Je '60

In the Central Council of the Union of the Sport Societies and Organizations of the U.S.S.R. Teor. i prak. fiz. kul'. 22 no. 12·951-953 '59.

Industrial calisthenics in enterprises. M. Kaplun. Sots. trud 4 no. 12 63-67 D '59.

It is our turn! V Zhavoronkov Smena 37 no 12 26 Je '60.

Limitations in physical education and training for people in the middle and older age bracket. R. E. Motylianskaia, V. A. Tishler. Teor i prak. fiz. kul' 23 no 6 470-473 '60.

Modern methodology in athletics. L. S. Khomenkov. Teor. i prak fiz. kul' 23 no. 6:461-466 '60.

Physical education for older men with symptoms of atherosclerosis. V. E. Vasil'eva. Teor. i prak. fiz. kul'. 23 no. 2:94-98 '60.

Physical training and specialization B. V Almazov Sred spets obr. 7 no 3 41-46 Mr '60.

There are possibilities and they should be used F Valuev Smena 37 no 12 26 Je '60

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY

see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—HYGIENIC ASPECTS

Physiological basis and methodological factors in physical education for older persons. I M. Sarkizov-Serazini. Teor i prak fiz. kul'. 22 no 12:907-912 '59.

PHYSICAL EDUCATION FACILITIES

Establishing physical education facilities in residential blocks and local districts. N. N. Zvegil'skii. Teor i prak. fiz. kul' 23 no. 2 145-147 '60.

First all-Union conference of workers at physical education facilities N. D. Nikitin Teor. i prak fiz. kul' 22 no 12·953-954 '59.

Light long-span roofs over physical education facilities. N. M. Reznikov. Teor. i prak. fiz. kul'. 22 no. 12 889-895 '59.

PHYSICAL EDUCATION FOR CHILDREN

Measuring achievement in physical education in grades 1-2. B. I. Rodigin Nach. shkola 28 no. 3 66-70 Mr '60.

Preparing children for life by means of physical education. M. A. Cherevkov. Nach. shkola 28 no. 2·49-53 F '60.

Raise your children healthy, skillful, and courageous! ("To parents on physical education " Reviewed by S. Magidson) Nach. shkola 28 no 2·87-88 F '60

PHYSICAL EDUCATION FOR WOMEN

Beauty and health. A. Hubanau. Belarus' 17 no. 3·29 Mr '60.

PHYSICAL GEOGRAPHY

(see also subdivision under Belaya Valley, Bashkiria, Dniester Valley, Il'men' region, Irtysh Valley, Kama Valley, Krivoy Rog Basin; Lazarev region, Antarctica, Orenburg Province; Sandalash Valley, Volkhov Valley)

Concerning the term "type of locality" in physical geography in connection with landscape systematics and mapping [with summary in English] A. G. Isachenko. Vest LGU 15 no 12 100-109 '60

First textbook on general physical geography printed in Russia. A B Ditmar Trudy Inst. ist est i tekh 27 350-362 '59

"Life of the earth" by A. A. IAkovlev. Reviewed by G. Bogoiavlenskii. Geog. v shkole 23 no. 2;94-95 Mr-Ap '60.

Modern concepts of the evolution of relief. A. Grachev Biul. SNO LGU no. 1,85-97 '58

"The theory of physical geography" by I. M. Zabelin. Reviewed by IU. Saushkin. Geog. v shkole 23 no. 2;90-94 Mr-Ap '60.

PHYSICAL GEOGRAPHY—CONGRESSES

Third Congress of the Geographical Society. I. E. Buchinskii. Meteor. i gidrol. no. 6:52-53 Je '60.

PHYSICAL GEOGRAPHY—STUDY AND TEACHING

Organization of an elementary course in physical and general geography. M. V. Studenikin. Geog. v shkole 23 no. 2;45-50 Mr-Ap '60.

Teaching physical geography. P. A. Kropotkin. Geog. v shkole 23 no. 2;28-34 Mr-Ap '60.

PHYSICAL INSTRUMENTS

Two instruments for the physics course. IU. V. Durasevich. Shkola i proizv 4 no 3;65-68 Mr '60.

PHYSICAL MEASUREMENTS

Measurements of space and time in mechanics and physics. R. G. Gevorkian. Trudy MATI no. 41 5-41 '59.

PHYSICAL METALLURGY

(see also subdivision under China)

Using methods of mass spectrometry for analyses in physical metallurgy IU. N. Liubitov Trudy In no 5 238-243 '60.

PHYSICAL THERAPY

(see also subdivision

[Problems in physical
Voprosy fizioterapii
1959. 387 p.
(DNLM)

Role of physical therap
paradentosis. I. O. No
belm. Probl. stom.

PHYSICALLY HANDICA

Their life is made easi
obesp. 21 no. 3;35-3

PHYSICALLY HANDICA TION

The girl shall walk. T.
45 F '60.

[illegible]

Patriotic movement of medical workers. B. Pokrovskii. Okhr. truda i sots. strakh. 3 no. [illegible] '60.

PHYSICIANS, RUSSIAN

Soldiers of science. A. [illegible] Zdorov'e 6 no.5:[illegible] My '60.

PHYSICS

In the depths of the microscopic world. G. B. Zhdanov. Nauka i zhizn' no.[illegible] O '59.

Recipients of the Lenin Prize for 1960. Usp. fiz. nauk. 71 no.2:339 Je '60.

PHYSICS—ABSTRACTS

[Physics; abstracts nos. [illegible]] Referativnyi zhurnal: Fizika. no.7 Jl '60.

[Physics; author index, 1957; subject index, 1957.] Referativnyi zhurnal: Fizika, avtorskii ukazatel', 1957, predmetnyi ukazatel', 1957.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—CONGRESSES

International meeting on biomechanics. D. D. Donskoi. [illegible] '60.

Mezhvuzovskaia konferentsiia po istorii fiziko-matematicheskikh nauk. 1960. [Summaries of papers and reports of the Interuniversity Conference on the History of Physics and Mathematics] Tezisy dokladov i soobshchenii. [Moskva] Izd-vo Mosk. univ., 1960. 107 p.

PHYSICS—DICTIONARIES

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut fiziki. [Terminology of physics, Russian-Georgian part] Terminologiia fiziki, russko-gruzinskaia chast'. Pod red. A. I. Gachechiladze i R. B. [illegible] Tbilisi, 1960. 130 p.

Akademiia nauk URSR, Kiev. [Russian-Ukrainian physics dictionary] Rosiisko-ukrains'kyi fizychnyi slovnyk, 10000 terminiv. Red. V. V. [illegible] Kiev, 1959. 312 p.

PHYSICS—HANDBOOKS, MANUALS, ETC.

"Introduction to Physics" by A. I. Kitaigorodskii. Reviewed by B. N. Finkel'shtein. Usp. fiz. nauk. 71 no.2:355-357 Je '60

PHYSICS—LABORATORY MANUALS

Remizov, N. A. [Laboratory manual for physics; a textbook for students in medical schools] Praktikum po fizike; posobie dlia studentov meditsinskikh vuzov. Izd. 4., dop. i ispr. Moskva, Medgiz, 1958. 183 p. (MIRA [illegible])

PHYSICS—PHILOSOPHY

Ideology of the physicists who taught in Petersburg University in the second half of the 19th century. IA. B. Malakhov. Nauch. dokl. vys. shkoly; filos. nauki 3 no.1: 157-165 '60

[illegible] of the laws of physics. [illegible] '60.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Maloy, V. N., A. F. Danin, and K. N. [illegible] [Methodological instructions and samples on mathematics and physics] Metodicheskie ukazaniia i primery po matematike i fizike, v pomoshch' postupaiushchim v institut. Leningrad, [illegible] 1959. 110 p.

PHYSICS—STUDY AND TEACHING

Physical laboratory work in the section "Vibrations and waves." [illegible] Vest. vys. shkoly 18 no.[illegible] '60

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGICAL SOCIETIES

Renaming the All-Union Society of Physiologists, Biochemists and Pharmacologists. Vest. AN SSSR [illegible] Je '60

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

(see also subdivision under Ukraine)

Akademiia nauk SSSR. Institut evoliutsionnoi fiziologii. [Evolution of physiological functions; materials of the second conference honoring the memory of Academician L. A. Orbeli, March 17-21, 1959] Evoliutsiia fiziologicheskikh funktsii; materialy vtoroi konferentsii posviashchennoi pamiati akademika L. A. Orbeli, 17-21 marta 1959 g. Moskva, 1960. 290 p.

The animal biology question at the Tashkent conference on the peaceful uses of atomic energy. IA. Kh. [illegible] Pat. fiziol. [illegible] '60.

PHYSIOLOGY—CONGRESSES

Twenty-first International Congress of Physiologists. N. N. Sirotinin. Vrach. delo no.2:207-209 F '60.

PHYTOGEOGRAPHY

(see also subdivision under Russia, Northern, Ryazan Province)

Importance of Charles Darwin's ideas for the development of phytogeography. M. I. Kotov. Ukr. bot. zhur. 17 no.1:[illegible] '60

PHYTONCIDES

Phytoncides and [illegible] B. P. Tokin. Priroda [illegible] '60

Third conference on the problem of phytoncides. [illegible] Zhurn. Ukr. [illegible] '60

PIANISTS

Piano evenings. [illegible] Mus. [illegible] '60

PIANO MAKERS see subdivision under Leningrad

PIANO MUSIC

On piano music and different performers. [illegible] '60

PIANO MUSIC—HISTORY AND CRITICISM

Druskin, M. S. [Classical music of Spain, Britain, the Netherlands, France, Italy, and Germany from the 16th to the 18th century] Klavirnaia muzyka Ispanii, Anglii, Niderlandov, Frantsii, Italii, Germanii XVI-XVIII vekov. Leningrad, Gos. muzykal'noe izd-vo, 1960. 284 p.

PICOLINE—ANALYSIS

Quantitative determination of γ-, β-picoline and 2,6-lutidine by the method of precipitation chromatography. V. A. Kozlitin. Izv. AN SSSR. Otd. khim. nauk. [illegible] no.4:[illegible] My '60.

PICOLINIC ACID

Tautomerism of [illegible] acid. [illegible] A. P. Kraulitskova. [illegible] VSHR [illegible]

PIECEWORK

Wage planning for piece workers [illegible] [illegible] '60

PIERS see subdivision under [illegible]

PIERS (BRIDGES) see Bridges—Foundations and piers

PIEZOMETER

Arrangement of discharge piezometers on the spiral case of a hydraulic turbine as a water meter. [illegible] MHVEB [illegible] '58.

PIGMENTS see Carbon

PIGEONS

Geographical differences in [illegible] V. V. Al[illegible] [illegible] '60

PIKES (DISEASE) see Hemorrhoids

PILING (CIVIL ENGINEERING)

(see also subdivision under Kiev)

The [illegible] '60

Calculation of precast piles. [illegible] MHVEB [illegible] '58.

[illegible] Ja '60.

Reinforced [illegible] '60.

Russia (1923- U.S.S.R.) [illegible] [Guide on the [illegible] and pay rates for construction, assembly, and repair [illegible] in 1960] Edinye normy i rastsenki na [illegible] montazhnye i remontno-stroitel'nye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. Sbornik 12. [Pile driving] Svainye raboty. 1960. 33 p.

[illegible] A. B. [Using hydraulic [illegible] in driving pipes, piles, and pile planks] [illegible] Moskva [illegible] 63 p. (Materialy k informatsionnoi [illegible] Stalingradskoi [illegible])

Taking into account the active and passive pressure of cohesionless soils in designing thin walls. [illegible] Izv. vys. ucheb. zav.; stroi. i arkhit. [illegible] 100-108 '59.

PINE

(see also subdivision under Karelia)

Conditions promoting the formation of [illegible] of pine with Boletus luteus (Fungi) Fr. [illegible] summary in English] M. M. [illegible] Izv. AN SSSR. Ser. biol. [illegible] Mr-Ap '60

Pine [illegible] and tapping. A. V. [illegible] [illegible] Je '60

Effect of the mother stand of pine [illegible] '58

PINE—ANALYSIS

Chemical composition of the [illegible] of the Siberian cedar. [illegible] '60

PIONEERS (COMMUNIST YOUTH)

All summer under the flag! T. Abramovskaia. [illegible] My '60.

For the children of aeronautical workers. [illegible] '60.

[illegible] Nauk

[illegible]

[illegible] V. V.

[illegible]

[illegible] BIBLIOGRAPHY [illegible] Youth)

PIPE

[illegible]

PIPE—[illegible]

[illegible]

PIPE—[illegible]

[illegible]

PIPE—[illegible]

[illegible]

PIPE—WELDING

[illegible]

PIPE, [illegible]

[illegible]

PIPE, CLAY

Using metal molds in making ceramic pipes Stek i ker 17 no 6 38-39 Je '60

PIPE, CONCRETE

Prestressed reinforced concrete construction elements with plastic covered reinforcements S Farber Bud mat i konstr 2 no 1 35-41 F '60

Scientific Council L V Abramov. Izv ASIA no 4: 151-153 '59

PIPE, GLASS

Competition for the best designs of glass-pipe joints. Stroi. i arkhit. 8 no 3 32 Mr '60.

PIPE, PLASTIC

Methods for jacketing vinyl plastic pipes. Rats. i izobr. predl. v stroi. no.13.72-74 '59.

Prospects for using polymers in sanitary engineering. F A. Shevelev, D. F. Kagan Izv. ASIA no 3;35-47 '59

PIPE, PLASTIC—TESTING

Determining the compressive strength of pipes made of glass plastics. A. L Rabinovich, Sh M. Bilik Vest mash 40 no 4 39-44 Ap '60

PIPE, STEEL

In the Technical Council of the Ministry of Construction of the R S F S. R. Mont. i spets rab v stroi 22 no. 3 30-31 Mr '60.

Strength of steel pipelines V. S. Turkin. Stroi. mekh. i rasch soor. 2 no 1 1-6 '60

PIPE, STEEL—CLEANING

Improved machines for cleaning steel pipes. Rats. i izobr. predl. v stroi. no.13:83-84 '59.

PIPE, STEEL—CORROSION

Organizing the process of pipe coating with rubber. M.S Goncharevskii, IA N. Lipkin Metallurg 5 no 3 33-34 Mr '60

PIPE, STEEL—WELDING see subdivision under France, Germany, West

PIPE CUTTING

Cutting, welding sectional branch pipes, and semiautomatic welding of flanges to pipe sleeves. Rats. i izobr. predl. v stroi. no.13 102-106 '59.

Machine for the gas cutting of pipes Rats. i izobr. predl v stroi no. 14 80-82 '60

Rozenfel'd, N. B., and P. A Nabatov. [Finishing and cutting pipes, manual for operational training of qualified workers] Otdelka i narezka trub, uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960 234 p.

Six-spindle pipe-cutting machine Rats i izobr. predl. v stroi no 14 82-84 '60

Ways of automatizing in the pipe industry. S. N. Lisitsyn. Vod i san tekh no. 3 25-27 Mr '60.

PIPE FITTING—STANDARDS

Pressures for fittings and couplings of piping. B. L. Sofman. Standartizatsiia 24 no.3·52-53 Mr '60.

PIPE FITTINGS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 12-M of standard regional unit estimates for assembling operations; pipes and pipe fittings] Sbornik No.12-M edinykh raionnykh edinichnykh rastsenok na montazhnye raboty; truboprovody i armatura. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 583 p.

PIPE FLANGES

Adjusting device for use in welding flanges. Rats. i izobr. predl. v stroi. no.13;85-86 '59.

Flange joints for pipes with high steam parameters. D. A. Fedorovich. Energomashinostroenie 6 no.3: 38-40 Mr '60.

PIPE JOINTS

Rubber expansion joints in underground gas pipelines. G. A. Blokh and others. Gaz.prom. 5 no. 3 25-30 Mr '60.

PIPE JOINTS—TESTING

Determining the creep limit and the yield strength on round samples of welded pipe joints. D. A. Pomozan. Zav. lab. 26 no. 4:483-484 '60.

PIPE LINES

(see also subdivision under Moscow)

Borodin, I. V. [Manual for young pipe layers] Spravochnik molodogo truboukladchika. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 419 p.

Losses of pressure in reduction and diffusion pipe sections with gate valves. A. D. Al'tshul', V. I. Kalitsun. Gaz. prom. 5 no. 2·35-39 F '60.

Organization of operations and equipment used in trenchless laying of pipes. G. E. Lavrov. Mont. i spets. rab. v stroi. 22 no. 3·10-15 Mr '60.

Shestopal, A. O. [Using hydraulic methods in submerging pipes, piles, and pile planks] Gidravlicheskoe pogruzhenie trub, svai i shpunta. Moskva, Gidroproekt, 1959. 67 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi Gidroelektrostantsii)

Skramtaeva, G. A. [Method for applying cement coatings in insulating steel pipes to be used in trenchless and jacketless pipelaying, scientific report] Tekhnologiia naneseniia tsementnoi izoliatsii na stal'nye truby dlia bestransheinoi besfutliarnoi prokladki truboprovodov, nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn. informatsii Akad. kommun. khoz., 1959. 18 p

Strength of steel pipelines. V. S. Turkin Stroi. mekh i rasch soor 2 no 1 1-6 '60

PIPELINES—CATHODIC PROTECTION see subdivision under Zaporozh'ye

PIPELINES—CORROSION

Internal corrosion of pipelines by corrosive casing-head gases. A. A. Gonik. Gaz. prom. 5 no. 3·41-46 Mr '60.

PIPELINES—EQUIPMENT AND SUPPLIES

Pneumatic stopper for temporary closing of pipelines S V Savel'ev Vod i san tekh no 4 33-35 Ap '60

PIPERAZINE

Heterochain polyamides. Part 25· Synthesis at the interface of polyamides containing piperazine units [with summary in English]. V. V. Korshak, T. M. Frunze, L. V. Kozlov. Vysokom. soed. 2 no. 6·838-844 Je '60.

Heterochain polyamides. Part 26: Mixed polyamides of piperazine and aliphatic and aromatic dicarboxylic acids [with summary in English]. V. V. Korshak, T. M. Frunze, L. V. Kozlov. Vysokom. soed. 2 no. 6·845-850 Je '60.

PIPERIDINE

Separation of a mixture of a promedol base and 1,2,5-trimethyl-4-phenyl-4-piperidol. I. N. Nazarov, N. S. Prostakov, N. N. Mikheeva. Med prom. 14 no. 6·26-30 Je '60.

Synthesis of 3- and 4-hydroxypiperidine derivatives E E. Mikhlina, V IA Vorob'eva, M. V Rubtsov Zhur ob khim 30 no 6 1885-1893 Je '60

Use of promedol in the compound treatment of peptic ulcer. E. M. Khitrova. Kaz. med. zhur. 41 no. 1:118-119 Ja-F '60.

PIPERIDINOL

Separation of a mixture of a promedol base and 1,2,5-trimethyl-4-phenyl-4-piperidol. I. N. Nazarov, N. S. Prostakov, N. N. Mikheeva. Med prom. 14 no. 6·26-30 Je '60.

PIPERIDONE

δ-Lactones and δ-lactams. Part 21· Dibromides of δ-enol lactams (5,6 dibromo-5,6-dialkyl-2-piperidones). N. P. Shusherina, A. V. Golovin, R. IA. Levina. Zhur. ob. khim. 30 no. 6 1762-1769 Je '60.

Synthetic anesthetics. Report No. 32: Cis-1, 2, 6-trimethyl-1-piperidone and its derivatives. I. N. Nazarov, O. I. Sorokin. Izv. AN SSSR Otd. khim. nauk no. 5:872-878 My '60.

PIPERYLENE

Structural orientation of diene condensations of 1-alkylbutadienes with unsymmetrical dienophiles. I. N. Nazarov, IU. A. Titov, A. I. Kuznetsova. Izv. AN SSSR Otd. khim. nauk no. 5·879-886 My '60.

PIPITS see subdivision under Soviet Central Asia

PISEMSKII, ALEKSEI FEOFILAKTOVICH, 1821-1881

Pisemskii's criticism of Marko Vovchok's literary works. O. P. Mohylians'kyi. Rad. lit. no. 2:117-120 Mr-Ap '60.

PISTONS

Lengthening the life of diesel locomotive aluminum pistons. T. V. Larin, B. M. Astashkevich. Vest. TSNII MPS 19 no. 2;53-56 '60.

Using high-silicon aluminum alloys for pistons of the IAMZ engines V N Amosov, S L Potanin Avt prom no 4 33-35 Ap '60

PITCH

Thermography of the coking process of coal-tar pitches. T. IA. Gogoleva, M. A. Stepanenko. Koks i khim no. 3: 47-51 '60.

PITSUNDA—CITY PLANNING

Pitsunda, a new Black Sea health resort. M Posokhin. Arkhit. SSSR no. 3 55-60 '60.

PITSUNDA—HEALTH RESORTS, WATERING PLACES, ETC.

Pitsunda, a new Black Sea health resort M. Posokhin. Arkhit. SSSR no 3 55-60 '60.

PITUITARY BODY

Influence of heterotransfusions on the intensity of the gonadotropic (follicle stimulating) function of the hypophysis. E. A. Fedorovskaia. Vrach. delo no. 1;43-45 '60.

Studying the structural changes in the hypophysis in hypothermia. G. R. Karal-Ogly. Soob. AN Gruz. SSR 23 no. 6.729-734 D '59.

PITWOOD

Automatic reserve conveyer A P Los' Les prom 38 no 2 14-16 F '60

PLACER-MINING see Hydraulic mining

PLAGIARISM

From the editorial board of the "Izvestiia" of the Academy of Sciences of the Uzbek S.S.R, Technical Series. Izv. AN Uz. SSR. Ser. tekh. nauk no 1 87 '60.

PLAGIOCLASE

Twinning of plagioclases as one of the criteria for petrological correlations as exemplified in a study of the basic rocks of the crystalline bedrock of White Russia. A. M. Pap. Vestsi AN BSSR. Ser fiz.-tekh. nav no 1 119-130 '60.

PLAGUE

Problem of the duration of immunity to plague, tularemia and brucellosis in guinea pigs vaccinated subcutaneously with a mixture of the corresponding three vaccines. V. G. Pilipenko and others Zhur. mikrobiol. epid. i immun. 31 no. 2 23-29 F '60.

Problem of the physiological evaluation of rodents as carriers of plague and the one-host concept of its natural foci [with summary in English] IU. M Rall', V N Fedorov. Zhur. mikrobiol epid i immun 31 no. 2 29-35 F '60.

Use of cortisone for the detection of plague infection in lesser susliks [with summary in English] V P Kozakevich, G. B Minkov, N. K. Sidorova Zhur. mikrobiol epid i immun 31 no 2,35-38 F '60.

Use of cortisone for the diagnosis of latent plague infection Report No. 1 Diagnosis of latent plague infection in gerbils (Meriones meridianus Pall) with the aid of cortisone-treated white mice [with summary in English]. A I. Shtel'man Zhur mikrobiol. epid. i immun 31 no. 2 39-44 F '60

PLANETARIA see subdivision under Moscow

PLANETS, MINOR

Conditions of the disintegration of asteroids according to the observed characteristics of the zodiacal light. V. G. Pesenkov. Meteoritika no. 17:121-130 '59.

Elliptic elements of the orbit of the new Trojan asteroid 1957 MK. V. K Abalakin Astron tsir no 207 5-6 D '59

Exact position of the minor planet Hebe derived from observations made at the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S R E M. Sereda Astron tsir. no 204 7-8 S '59

Minor planets in 1958 [with summary in English] N S Samoilova-IAkhontova Biul Inst teor astron 7 no 6 398-406 '59

Motion of Diomedes in the gravitation field of the sun and proto-Jupiter [with summary in English] G A. Chebotarev, M S. Volkov. Biul. Inst teor. astron 7 no 6 420-421 '59

PLANIMETER

Using the simplest planimeter in measuring planes of fusibility diagrams of silicate systems. A. S. Glasko Silikaty no. 2·99-105 '59

PLANING HULLS

Approximate determination of the inertia characteristics of ships on hydrofoils. V. G. Pavlenko, A. M. Polunin Izv. Sib. otd. AN SSSR no. 2:22-29 '60.

Hydrodynamics of hydrogliders. L Krivonosov Za rul 18 no 3 24-25 Mr '60.

"Meteor" skims over the Volga. A. Mednikov. Tekh. mol. 28 no. 2;14-15 '60.

What gives the wing its lifting power? V. Gartvig. Tekh. mol. 28 no. 2·14-15 '60.

PLANING MACHINES

The 7212 double-sided planing machine. L. A. Manusevich. Biul. tekh.-ekon. inform. no. 3:17-18 '60.

PLANKTON

(see also subdivision under North Sea)

"Sea snow." A. N. Ovsiannikov. Priroda no. 6·82 Je '60.

PLANKTON RESEARCH

Plankton net for fractional sampling O. D. Shebalin. Trudy BaltNIRO no. 4:377-385 '58.

PLANT BREEDING

On a method for the use of ionizing radiation in plant breeding. V. V. Khvostova, S. A. Valeva. Biofizika 5 no. 1:81-84 '60.

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni Lenina. [Michurin's teaching in the people's service; collection of articles] Michurinskoe uchenie na sluzhbe narodu, sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry.

No. 3, 1955. 238 p.

(DA)

PLANT CELLS AND TISSUES

Nucleotide composition of ribonucleic acids in cellular structures of plants [with summary in English]. N. M. Sisakian, M. S. Odintsova, N. A. Cherkashina. Biokhimiia 25 no. 1:160-163 Ja-F '60.

PLANT COMMUNITIES

(see also subdivision under Volga Delta region)

Structural elements of phytocoenoses [with summary in English] V V Petrovskii Bot. zhur. 45 no 3 383-393 Mr '60

PLANT CUTTINGS

Vegetative propagation of some spruce species V. G. Rubanik Trudy Alma-At bot sada 5 11-19 '60

PLANT INTRODUCTION

(see also subdivision under Alma-Ata, White Russia)

Plant introduction V V Astrov Vest AN SSSR 30 no 6 139-141 Je '60

PLANT LICE see subdivision under Tiflis

PLANT PHYSIOLOGY

Plant physiology and the agricultural science. P. A. Vlasiuk Bot. zhur. 45 no. 3 446-453 Mr '60

Problems in the physiology of plants. P. Vlasiuk. Nauka i zhyttia 10 no. 1.30 Ja '60.

Use of radioisotopes in studying plant biology. N N Nazirov, Uzb biol. zhur no 1 66-68 '60

PLANT PHYSIOLOGY—CONGRESSES

Out-session of the Department of Biological Sciences of the Academy of Sciences on problems concerning the water regimen of plants, held in Kazan. Fiziol. rast. 7 no 3 382-384 '60.

PLANT PROPAGATION

Propagation of certain species of vines by winter cuttings. M D Nestsiarovich, IU A Bibikau Vestsi AN BSSR Ser bual nav no 1 20-31 '60

PLANT TEMPERATURE

Microclimate of plants [with summary in English]. V. V Kruchkov. Bot zhur 45 no. 3 321-334 Mr '60

PLANTERS (AGRICULTURAL MACHINERY)

Experience in adjusting mounted SKGN-6 planters N S Borkovs'kyi Mekh sil' hosp 11 no 3 10 Mr '60

How to adjust SKGK-6V and SKGK-6A planters Mekh sil' hosp 11 no 3 13 Mr '60

How to assure high-quality planting of corn I M Semeniuk Mekh sil' hosp 11 no 3 8-9 Mr '60

Modifying SKGK-6V planters to work with one knot catcher *M I Husarov* Mekh sil' hosp 11 no 3 15 Mr '60

New mounted potato planters and their operation IA I Vermenko Mekh sil' hosp 11 no 3 10-13 Mr '60

Promising methods of sowing sugar beets [with summaries in English, German, and French] P. F. Pristazhniuk Vest. sel'khoz. nauki 5 no. 2 71-75 F '60.

SKGN-6A checkrow planter Mekh sil'. hosp 11 no 3 6 Mr '60

SRN-4K plant setting machine V M Kuz'min, V A Lastovenko Mekh sil' hosp 11 no 3 27-28 Mr '60

PLANTING TIME

Method of forecasting the seeding time of sugar beets. N. I. Mikhailova, G. L. Timoshenko. Trudy UkrNIGMI no. 16 41-53 '59.

PLANTS—ASSIMILATION

Absorption of labeled phosphorus by wheat and its incorporation into compounds of different fractions L. A. Zuev, Yu Ch'ung-piao Vest. Mosk un Ser 6 Biol, pochv 15 no 2:40-50 '60.

"Foliar feeding of plants", a collection of translations from foreign periodical literature Reviewed by O K Dobroliubskii Biul MOIP Otd biol 64 no 5 168-171 S-O '59

Primary inclusion of phosphates in root metabolism [with summary in English], A. L. Kursanov, E. I. Vyskrebentseva. Fiziol. rast. 7 no. 3:276-286 '60.

Uptake of substances through leaves and roots in corn [with summary in English]. A. N. Pavlov. Fiziol. rast. 7 no 3 326-334 '60.

PLANTS—EVOLUTION

Evolution of protein substances and evolution of flowering plants [with summary in English] A. V. Blagoveshchenskii. Biokhimiia 25 no. 1:12-16 Ja-F '60.

PLANTS—FROST RESISTANCE

For the fruit grower V S Pikunov Nauka i zhizn' 27 no 3 77 Mr '60

PLANTS—METABOLISM

Akademiia nauk SSSR. Bashkirskii filial, Ufa. Institut biologii. [Biology of nuclein metabolism in plants; reports at the joint scientific session of Nov. 25-28, 1958] Biologiia nukleinovogo obmena u rastenii; doklady ob"edinennoi nauchnoi sessii, 25-28 noiabria 1958 g. Ufa, 1959. 181 p

Effect of certain ratios of macro- and microelements on carbohydrate-nitrogen metabolism in the Russian mulberry [in Azerbaijani with summary in Russian] B. Z. Guseinov, Z. IU. Mamedova Dokl AN Azerb SSR 16 no 1 71-75 '60

Effect of heteroauxin on nuclein metabolism in plants. N S Turkova, L A Zhdanova, E. A Peterburgskaia. Vest Mosk un Ser. biol, pochv., geol, geog 14 *no. 4 25-32 '59*

Konarev, V. G. [Nucleic acids and morphogenesis of plants] Nukleinovye kisloty i morfogenez rastenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 346 p.

PLANTS—RESPIRATION

Aftereffect of high and low temperatures on photosynthesis and respiration in the cotton plant I V Esipova Izv AN Uz SSR Ser biol nauk no 1 55-61 '57

Effect of organic substances on the photosynthesis and respiration of certain Black Sea algae [with summary in English]. L. H. Lytvynenko Ukr. bot zhur 17 no 1 13-18 '60

Intensity of respiration and enzyme activity in apples stored at from 0 to −7°. A I Kochurova. Sbor. nauch. rab INKH no *16 112-155 '59*

Studying the interrelation between respiration and the accumulation of the tobacco mosaic virus in isolated leaves [with summary in English] G I Loidina Izv AN SSSR Ser biol no. 2 272-278 Mr-Ap '60

PLANTS—SOILLESS CULTURE

Raising plants on gravel for research purposes [with summary in English] I. I. Tumanov, G. V. Kuzina, L. D. *Karnikova. Fiziol. rast. 7 no. 3:320-325 '60.*

PLANTS—TRANSPIRATION

(see also subdivision under Kazakhstan)

Transpiration of some flowering plants at the Alma-Ata Botanical Garden. O V. Troitskaia, T. V Shul'kina Trudy Alma-At bot. sada 5 157-160 '60

PLANTS, EFFECT OF ARIDITY ON

Changes in the growth and developmental rate of spring wheat that has been cultivated for years in the desert. B. I Shcherbakov. Izv. AN Kazakh SSR. Ser. bot. i pochv. no. 1:14-21 '59.

Results of farm experiments with the method of hardening seed barley against droughts [with summary in German]. K. L. Matthanova. Fiziol rast. 7 no. 3:363-365 '60.

PLANTS, EFFECT OF CALCIUM ON

Mobility of calcium as related to evaluating its physiological role and activity in plants. V. F. Al'tergot, V. E. Kiselev. Izv Sib. otd. AN SSSR no. 2:76-84 '60.

PLANTS, EFFECT OF ELECTRICITY ON

Effect of a high-voltage electrostatic field on the pollen of some fruit crops N. D Potanina, V N Shmigel'. Bot zhur 45 no 2 266-272 F '60.

Electric field as a stimulating factor in improving the germinative capacity of grain seeds [with summaries in English, German, and French]. A. M Basov, N D. Potanina, G. A. IAsnov Vest sel'khoz. nauki 5 no. 2: 113-116 F '60.

PLANTS, EFFECT OF HYDROXYLAMINE ON

Effect of hydroxylamine on the growth of wheat [with summary in English]. V. L. Kretovich and others. Fiziol. rast. 7 no. 3.261-268 '60.

PLANTS, EFFECT OF LIGHT ON

(see also subdivision under Arctic regions)

Studying photoreduction in cells of Scenedesmus obliquus by the use of C^{14} and O^{18} [with summary in English]. M V. Ulubekova. Fiziol. rast. 7 no. 3 296-299 '60.

PLANTS, EFFECT OF RADIATION ON

Effect of chronic irradiation on dry rye seeds. L. P. Breslavets. Biofizika 5 no. 1:49-54 '60.

Effect of irradiation on the permeability of Vicia faba roots. T. G. Mamedov. Biofizika 5 no 1:85-87 '60.

Evaluation of optical radiation in plant growing [with summaries in English, German, and French] I. I. Sventitskii Vest. sel'khoz. nauki 5 no. 2 106-112 F '60

Increasing the yield of radishes and carrots by irradiating seeds with gamma and X rays before sowing. L. P. Breslavets and others. Biofizika 5 no. 1.81 '60.

On a method for the use of ionizing radiation in plant breeding. V. V. Khvostova, S. A. Valeva. Biofizika 5 no. 1:81-84 '60.

PLANTS, EFFECT OF RADIOACTIVITY ON

Radioactive elements and their role in increasing cotton yields. V. P. Kuznetsov. Trudy SANIIRI no. 97:43-57 '59.

PLANTS, EFFECT OF TEMPERATURE ON

Aftereffect of high and low temperatures on photosynthesis and respiration in the cotton plant I. V Esipova Izv AN Uz SSR Ser biol nauk no 1 55-61 '57

Dynamics of the secretion of substances as an indication of the heat resistance of plant tissue [with summary in English]. P. S. Belikov, T. V. Kirillova. *Izv. TSKhA* no. 6:7-18 '59.

Effect of temperature on germination of seeds in commercial rice varieties of the Kuban [with summary in English]. E. P. Aleshin, A. I. Aprod. Fiziol. rast. 7 no. 3: 358-362 '60.

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Effect of ultraviolet rays on spring rye sprouts [with summary in English]. L. P. Breslavets. Zhur. ob. biol. 21 no. 2.152-156 Mr-Ap '60.

PLANTS, EFFECT OF WATER ON

Effect of excessive soil moisture on plants at different periods of development [with summary in English]. F. D. Skazkin. Fiziol. rast. 7 no. 3:269-275 '60.

PLANTS, EFFECT OF X RAYS ON

Effect of fractional irradiation on the growth restoration capacity of plants [with summary in English]. I. M. Vasil'ev, B. G. Zhukov. Biofizika 5 no 1:16-46 '60.

PLANTS, FLOWERING OF

Acceleration of flowering in short-day plants treated with gibberellin. V. I. Razumov. Fiziol rast. 7 no. 3:351-357 '60.

Biology of flowering in some onion species. S. I. TSitsina. Trudy Alma-At bot sada 5 151-156 '60

Phenological observations on Taxus cuspidata S. et Z. G. V. Senchukova Bot. zhur. 45 no. 3:415-418 Mr '60.

Regularities of ontogenesis and physiology of flowering in higher plants [with summary in English] M. Kh Chailakhian. Izv AN SSSR. Ser biol no 2:206-229 Mr-Ap '60

PLANTS, ORNAMENTAL

(see also subdivision under Kazakhstan; Latvia)

Porozov, V. K. [Nurseries for ornamental plants] Matochnyi sad dekorativnykh rastenii. Moskva, M-vo kommun. khoz. RSFSR, 1960. 69 p.
(DA)

PLANTS, PROTECTION OF see subdivision under Georgia

PLANTS, SPACE ARRANGEMENT OF

Effect of stand density on the protein content of meadow grasses [with summaries in English, German, and French] S. P Smelov, O. F Farmakovskaia. Vest. sel'khoz. nauki 5 no. 2:31-36 F '60.

PLASMA (IONIZED GASES)

Degree of inhomogeneity of an arc discharge. N. G Preobrazhenskii Izv vys ucheb zav., fiz. no. 6 173-175 '59.

Detector characteristics method. K I Kononenko. Izv vys ucheb. zav., radiofiz. 2 no. 6 927-930 '59.

Determination of the plasma temperature of an electric arc S A Shipitsyn, V. V. Plastinin Izv vys. ucheb. zav., fiz no. 6 169-171 '59.

Higher approximations in a new form of "plasma" expansions A. E. Glauberman, L. A. Porfir'eva. Izv vys. ucheb zav., fiz. no 6.76-81 '59.

Interaction of electromagnetic waves in a plasma. Part 2 V V Zheleznlakov Izv. vys. ucheb zav., radiofiz. 2 no 6 850-860 '59.

Theory of nonlinear oscillations in plasma in the case of a constant external magnetic field S. M. Khzmalian Dokl AN Arm SSR 29 no. 5 215-221 '59

To the editor of the journal "Atomic energy." L. A. Artsimovich. Atom. energ. 8 no 6:562 Je '60

PLASMA (IONIZED GASES)—SPECTRA

Skewing of the spectral line of a high-temperature, optically dense plasma N. G Preobrazhenskii. Izv. vys ucheb. zav., fiz no 6 31-41 '59

PLASTER

Causes of the poor water resistance of plaster elements. IU. M. Butt, U. Alapov. Vest. AN Kazakh. SSR 16 no. 2:40-43 F '60.

PLASTERBOARD

Method for gluing plaster board on brick and concrete surfaces. Rats. i izobr. predl. v stroi. no. 13:52 '59.

PLASTERING

Finishing operations in housing construction. Stroitel' no. 3 15-16 Mr '60

Improve the quality of finishing operations to meet modern demands. G IAvorskii. Stroi. i arkhit. 8 no. 6:27-28 Je '60.

PLASTERING—COLD WEATHER CONDITIONS

Davidson, M. G. [New methods for conducting building operations in winter, bricklaying and plastering using mortars with potash additives] Novoe v tekhnologii zimnikh stroitel'nykh rabot; kirpichnaia kladka i oshtukaturivanie na rastvorakh s dobavkoi potasha. [Leningrad] Lenizdat, 1960. 120 p.

PLASTERING—EQUIPMENT AND SUPPLIES

"Pechorets" sprayer for applying plaster mixes. Rats. i izobr. predl. v stroi. no. 13.51-52 '59.

PLASTIC BEARINGS

Using unlubricated plastic bearings. V. F. Platonov Avt prom. no. 3 23-26 Mr '60

PLASTIC SURGERY see Surgery, Plastic

PLASTIC TOOLS

Plastic machine tools. V. Kadushina. Plast. massy no. 3:77 '60.

PLASTICITY

Present state of the theory of shaping metals by pressure. M. V. Storozhev. Vest. mash. 40 no. 3:46-51 Mr '60.

Unsteady flow of a viscous-plastic material in a circular pipe. A. I. Safronchik. Prikl. mat. i mekh. 24 no. 1: 149-163 Ja-F '60.

PLASTICS

[illegible] (Bulgaria, Ukraine)

[illegible] involved in the processing of the [illegible] moulded materials [illegible] V. N. [illegible] Plast. massy, no. 1 [illegible] '60.

[illegible] of relations of the law of anisotropic [illegible] plastic materials. D. D. [illegible] Vest. mat., [illegible] 29 no. [illegible] '60.

[illegible] [Antiquplastics] Antiquplasty. [Vladimir] [illegible] 1959. 33 p.

[illegible] and [illegible] [Technology of the [illegible] on vinyl plastics] [illegible] Moskva, [illegible] 1959. 84 p.

[illegible], A. M., and P. D. [illegible] [Polyethylene [illegible] plastic] [illegible] Moskva, [illegible] 1959. 20 p.

[illegible] properties of [illegible]

[illegible] 1960.

[illegible]

[illegible] of a simple [illegible] polyvinyl chloride plastics [illegible] '60.

[illegible] plastic [illegible]

[illegible] plastics. V. P. Pavlov [illegible] '60.

[illegible] plastics. [illegible]

[illegible]

Using plastics in manufacturing measuring instruments and automatic devices. A. M. Vedenikin. Lab. tekh. no. 2:3 [illegible] '60.

Using synthetic resins and plastics in architecture and construction. [illegible] '60.

Utilizing plastics in the building industry abroad. Plast. massy no. 2:71-77 '60.

PLASTICS—ANALYSIS

Use of high frequency titration for the analysis of raw materials and intermediates in the plastics industry. [illegible] Plast. massy no. [illegible] '60.

PLASTICS—ELECTRIC PROPERTIES *see subdivision under* Electrical [illegible]

PLASTICS—MOLDING—HYGIENIC ASPECTS

Hygienic evaluation of casting in shell molds. [illegible] G. O. Poteryaeva. Vrach. delo no. 2:[illegible] '60.

PLASTICS—STANDARDS

[illegible] for the appraisal of the technical plast [illegible]

PLASTICS—TESTING

[illegible]

Electrical [illegible] instrument for determining the [illegible] mechanical properties of polymer materials. [illegible] '60.

[illegible]

PLASTICS—THERMAL PROPERTIES

[illegible]

PLASTICS—WELDING

[illegible]

PLASTICS—TOXICITY

[illegible]

PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES

[illegible]

New [illegible] plastics [illegible] Plast. massy [illegible]

PLATE GLASS

[illegible]

[illegible]

[illegible] '54.

PLATINUM

[illegible]

[illegible]

[illegible]

[illegible]

PLATINUM—ELECTRIC PROPERTIES

[illegible]

PLATINUM ALLOYS—TESTING

Investigating the heat resistance of platinum alloys with rhodium, iridium, ruthenium, chromium, and aluminum by the [illegible] method. I. I. Kornilov, R. S. Polyakova. Trudy Inst. met. no. 5:139-144 '60.

PLATINUM COMPOUNDS

Geometric [illegible] of diamminohydroxotrichloroplatinum (IV). [illegible] Zhur. neorg. khim. 5 no. [illegible] '60.

[illegible] of the hydrolysis of some complex compounds of Pt(IV). A. A. Grinberg, [illegible] Dokl. AN SSSR [illegible] '60.

Stability of complex compounds of divalent platinum. [illegible] Zhur. neorg. khim. 5 no. [illegible] '60.

PLATINUM ELECTRODES *see* Electrodes, Platinum

PLATYPHYLLINE

Colorimetric determination of platyphylline in some drug mixtures [illegible] A. A. [illegible] Apt. delo [illegible] '60.

New method for obtaining platyphylline from [illegible] platyphyllus. [illegible] and others. Med. prom. 14 no. [illegible] '60.

PLAY CENTERS *see* Community centers

PLEIADES

Interpretation of the spectrum-luminosity diagram for the Pleiades [illegible] I. V. [illegible] Astron. zhur. [illegible] '60.

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918

Prokof'ev, I. M. [G. V. Plekhanov's ideas on economics] [illegible] vzgliady G. V. Plekhanova. Moskva, Izd-vo [illegible], 1960. 240 p. (MIRA [illegible])

PLEURA

[illegible]

PLEURA—DISEASES

Cardiopulmonary syndrome in chronic circulatory insufficiency. [illegible] Med. [illegible]

PLEURA—SURGERY

[illegible] for chronic pleural empyema. [illegible]

PLEURISY

[illegible] '60.

PLEXIGLAS

Technique of the production of models of hydraulic structures from organic glass (plexiglas). I. I. Kovalenko [illegible] '60.

PLOVDIV, BULGARIA—MUSIC FESTIVALS

[illegible] '60.

PLOWING

[illegible] power when plowing at high speeds [illegible] and [illegible] V. Zakoryukin. Vest. [illegible] '60.

[illegible] of deep plowing. [illegible] '60.

PLOWS

Electric [illegible] plough. V. Kochukov. Ogonek 38 no.12:17 Mr '60.

Plows for soils littered with stones. M. G. Do[illegible]ovskii. [illegible] no.3:51-51 '60.

[illegible] V. [illegible] '60.

PLOWS—ATTACHMENTS

Device for protecting plows from stones. V. Kozar, [illegible] 20 no.2:76-77 F '60.

PLUM

[illegible] of the plum [illegible] following [illegible]

PLUM—PRESERVATION

Alycha plum (Prunus divaricata) for the canning industry. [illegible] prom. 15 no.4:21-30 Ap '60.

PLUM—VARIETIES

Alycha plum (Prunus divaricata) for the canning industry. [illegible] prom. 15 no.4:21-26 Ap '60.

PLUMBING

[illegible] water [illegible] Ap '60.

PLUMBING—STANDARDS

Changes in standards Vod i san tekh no 3 32 Mr '60

In the State Committee on Construction of the Council of Ministers of the U S S R Vod i san tekh no 4 37 Ap '60

PLURALITY OF WORLDS

Life in the solar system. Tekh.mol 28 no.2 31-32 '60

PLYWOOD see subdivision under Germany, West

PNEUMATIC CONTROL

Experimental investigation of the characteristics of a rubber-fabric membrane [with summary in English] G T Berezovets, Chou Ching-feng Avtom i telem 21 no 3 323-332 Mr '60

PNEUMATIC MACHINERY

Automatic closing valve for prevention of leakage of compressed air. I.A.Kharlamov V.I Klimenko Prom energ. 15 no 4 16-17 Ap '60.

Distribution valve for suspended air lifts. A.I.Kozlov. Mashinostroitel' no 3 14 Mr '60.

Secondary ore crushing in the Krivoy Rog Basin with use of a pneumatic sledge hammer S A.Delitsyn Izv.vys. ucheb.zav., gor.zhur, no 1 96-100 '60.

PNEUMATIC MACHINERY—NOISE

Anti-noise devices for pneumatic instruments with rotor engines. S A Grintser Stroi i dor mashinostr 5 no 3 24-25 Mr '60

PNEUMATIC TOOLS

Pneumatic stopper for temporary closing of pipelines S V Savel'ev Vod i san tekh no 4 33-35 Ap '60

PNEUMATIC-TUBE TRANSPORTATION

(see also subdivision under Great Britain)

Calculation of the amount of solid materials expended in pneumatic-tube transportation. G N.Abaev Khim i tekh topl i masel 5 no 3 28-35 Mr '60

Design of pneumatic transportation units with two evacuation fans S N.Sviatkov, N A.Shtennikova Der.prom 9 no.3,12-13 Mr '60

Hydraulic resistance of an immobile layer of raw cotton B M Gurovich. Trudy Sred -Az.politekh inst. no.3 23-27 '57

Improving designs of pneumatic transportation systems at cement plants Z.F Orlovskii Trudy RISI no.15 155-170 '58.

Increase the technical and economic effectiveness of pneumatic conveying systems introduced at grain mills A Borodin Muk -elev prom 26 no 2 21-22 F '60

Investigating the effect of basic properties of transported material on resistance in elbows and outlets in pneumatic transportation A.I.Karpov. Izv vys ucheb. zav.,energ 3 no 5:138-143 My '60.

Pneumatic units for transporting building mixes IA I Marennyi Mekh stroi 17 no 6 24-25 Je '60

Pneumatic-tube transportation of raw materials in flax processing plants V.S.Korolev, A B.Tsarnakh. Tekst. prom 20 no.2 21-22 F '60.

Using pneumatic-tube transportation G S.Nesmelanov. Masl.-zhir.prom 26 no 4 45 Ap '60.

ZKM-1,5 combination grain-cleaning machine for flour mills with pneumatic grain conveying equipment. A Demskii Muk -elev prom 26 no 2 23 F '60

PNEUMONIA

Case of fungous pneumonia and fungous sepsis in connection with antibiotics treatment N Z Polonskii Vrach delo no 4 419-421 Ap '60

Gastrointestinal syndrome in croupous pneumonia. L.I. Zhukovskii. Vrach.delo no.2:193 F '60.

Influence of antibiotics on the course of focal pneumonias. N.I.Gol'shtein. Kaz med.zhur. 41 no.1:24-26 Ja-F '60.

Peculiarities of influenzal pneumonia caused by various types of virus A IA Popovich Vrach delo no 1:93-95 '60

Treatment of pneumonia in infants with subcutaneous injection of oxygen. F I.Beliavskii. Med.zhur.Uzb. no.5 63 My '58

PNEUMOTHORAX

Basis for short-term artificial pneumothorax [with summary in English] N S.Pilipchuk Vrach.delo no 3 231-235 Mr '60.

Case of valvular pneumothorax F.I.Fishkin. A.IA. Sagalovich Zdrav.Belor 6 no.2 61-62 F '60.

Method for the interruption of extrapleural pneumothorax [with summary in French] V.D.IAmpol'skaia. Probl tub 37 no 8:58-64 '59.

Open section of pleural adhesions in ineffective artificial pneumothorax. IA E.Akopian Probl.tub 37 no.8 95-96 '59.

Therapeutic importance of momentary artificial pneumothorax in pulmonary tuberculosis. I.D.Erman. Zdravookhranenie 3 no.1 21-25 Ja-F '60.

POCHINOK—MUSIC—INSTRUCTION AND STUDY

Young countrymen of Glinka. L.Osipova. Ogonek 38 no.15:24-25 Ap '60.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

The air wave generated by the fall of the Tunguska meteorite in 1908. V.G.Fesenkov. Meteoritika no 17 3-7 '59.

Meteoritic matter found in the area of the fall of the Tunguska meteorite. A.A.IAvnel'. Meteoritika no.17:8 '59

PODOLIA—CEPHALOPODA, FOSSIL

Finds of polyzoans and nautiloids in the Ordovician and Silurian of Podolia G.G Astrova, F.A.Zhuravleva Paleont zhur. no 4 154-156 '59.

PODOLIA—FOLK SONGS, UKRAINIAN

Podolian folklore. Selected and supplied with an introductory article and footnotes by M F.Orel Nar.tvorch ta etn. 3 no 4,110-117 O-D '59

PODOLIA—GEOLOGY, STRATIGRAPHIC

Stratigraphic incompleteness of the Llandovery layer in Podolia [with summary in English] V S.Kriandiev-s'kyi. Dop AN URSR no.2 205-208 '60

PODOLIA—POLYZOA, FOSSIL

Finds of polyzoans and nautiloids in the Ordovician and Silurian of Podolia G G Astrova, F.A.Zhuravleva. Paleont.zhur. no 4 154-156 '59

PODOL'SK—INDUSTRIAL EQUIPMENT

Experience in repairing and modernizing equipment A N Rodnin Vest mash. 40 no 4 69-74 Ap '60

PODUNAJSKE BISKUPICE, CZECHOSLOVAKIA—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

Organization of a province center for the treatment of tuberculosis in Podunajske Biskupice [with summary in French]. K.Virsik. Probl tub 37 no.8 22-23 '59

PODVOISKII, NIKOLAI IL'ICH, 1880-1948

In the State Museum of the Revolution of the U.S.S.R. V.I.Deviatov, A.E.Smirnov. Vop ist. no.6 201-202 Je '60.

PODZOL

Causes of the toxicity of Podzolic soils with respect to Azotobacter [with summary in English] E P Gromyko Izv AN SSSR Ser biol no 2:265-271 Mr-Ap '60

Characteristics of some agrochemical features of virgin soils in the Podzolic zone. B.D.Zaitsev. Trudy SevNIIGIM no.14 21-43 '58.

Effect of cultivation on changes in the water and air balance of heavy turf-Podzolic soils [with summaries in English, German, and French] M.F.Podvotskii. Vest sel'khoz.nauki 5 no 2 133-138 F '60

Effect of some drainage furthering agricultural practices on nitrification in gleyey Podzolic soils of heavy mechanical composition V K Shupen Trudy SevNIIGIM no 15 59-82 '58

POETS, SPANISH

Contemporary Spanish poetry Marcos Ana and others. Introduction by Alfonso Goni Inostr lit no 2 92-93 F '60.

POGODIN, NIKOLAI FEDOROVICH, 1900-

After thirty years . A Solodovnikov Teatr 21 no 3 151-152 Mr '60

A present-day drama or "siver skates"? ("Amber necklace" by N F Pogodin Reviewed by F Svetov) Smena 37 no 12 30-31 Je '60.

POISONS—PHYSIOLOGICAL EFFECT

Influence on work capacity of small concentrations of poisonous substances. IU.I.Vasilenko. Vrach.delo no 2:173-175 F '60.

POISONS, INDUSTRIAL see Industrial toxicology

POKROVSKII, MIKHAIL VLADIMIROVICH, 1897-1959

Mikhail Vladimirovich Pokrovskii, obituary. Sov.etn. no.1:153-154 Ja-F '60.

POLAND—ADMINISTRATIVE LAW

Development of administrative legislation in Poland and Czechoslovakia. E.V.Shorina, K.Svoboda. Sov.gos. i pravo no.5,134-136 My '60.

Starościak, Jerzy. [Legal forms of administrative functions. Translated from the Polish] Pravovye formy administrativnoi deiatel'nosti. Moskva, Gos.izd-vo iurid. lit-ry, 1959. 329 p.

POLAND—ANTHROPOLOGY

"Anthropological materials and works" by M.Godycki; "Anthropologists outside the university centers, anthropological materials and works" by J.Czekanovskii; "Anthropological materials and works" by J.Czekanowskii [all in Polish]. Reviewed by V P.Alekseev. Vop antr. no 1:155-156 '60.

POLAND—AUTOMOBILE INDUSTRY

Automobiles made in Poland. B.I.Zorov. Avt.prom. no.4:38-39 Ap '60.

POLAND—BOUNDARIES—GERMANY

Frontier of peace ("Poland, Germany and the Oder-Neisse line" [in German]. Reviewed by G.Korotaevskii). Mezhdunar. zhizn' 7 no.7.144-146 Jl '60.

POLAND—CHURCHES

Verkhovynetz, M. [In ruins and deserts of distant places; demolition of Ukrainian churches in Poland] Na ruinakh i pusteliakh dalekykh, ruinatsiia ukrains'kykh sviatyn' u Pol'shchi. Pitsburg, Nakladom "Ukrains'koho narodnoho slova," 1960. 116 p.

POLAND—COKE INDUSTRY

Production and use of metallurgical coke in Poland and Czechoslovakia S.V.Plaksin Biul.tekh -ekon inform. no 2 80-82 '60

POLAND—CRIMINAL LAW

The development of Polish criminal law in recent years. L.Lernelle. Sov.gos.i pravo no.6.86-92 Je '60.

POLAND—ECONOMIC CONDITIONS

Poland in a powerful upheaval Bronislaw Majiczak Agitator no 13:44-46 Jl '60

POLAND—EXCAVATING MACHINERY

Building machinery in the Polish People's Republic. I.Kostrov. Stroitel' no.4:24 Ap '60.

POLAND—FOREIGN ECONOMIC RELATIONS

Economic cooperation of Poland with other socialist countries. Kommunist 37 no.11:112-115 Jl '60.

POLAND—FOREIGN RELATIONS

The policy of the Polish People's Republic. Wladyslaw Gomulka Mezhdunar zhizn' 7 no.6:77-80 Je '60.

POLAND—FOREIGN RELATIONS—RUSSIA

Indissoluble union of fraternal nations. A.Lukovets. Agitator no.8:40-51 Ap '60.

POLAND—FORGING MACHINERY

Forging and pressing equipment in Poland. G.N.Mekhed. Biul.tekh.-ekon.inform. no.3:68-71 '60.

POLAND—LABOR AND LABORING CLASSES

Defending dissertations in the History Faculty. O.IU. Riazhskii. Vest.Mosk.un.Ser.9: Ist.nauki 15 no.3: 73-74 My-Je '60.

POLAND—LENIN, VLADIMIR IL'ICH, 1870-1924

Following the call of the heart. W.Zukrowski. Ogonek 38 no.16:22-23 Ap '60.

POLAND—LIQUOR LAWS

New laws of the Polish People's Republic. P.Shemelinov. Sov.iust. no.3:47-48 Mr '60.

POLAND—MACHINE-TOOL INDUSTRY

Manufacture of machine tools in Poland. I.I.Beregovskii. Biul.tekh.-ekon.inform. no.3:72-76 '60.

POLAND—MECHANICAL ENGINEERING

Abstracts and reviews. Vest.mash. 40 no.3:85 Mr '60.

POLAND—MIXING MACHINERY

Building machinery in the Polish People's Republic. I.Kostrov. Stroitel' no.4:24 Ap '60.

POLAND—NATIONAL PARKS AND RESERVES

Protection of nature in Poland. V.Goetel. Okhr.prir.i zapov.delo v SSSR no.4.111-120 '60.

POLAND—NEUROLOGISTS

"Polish neurologists" [in Polish] by E.Herman. Reviewed by IU.I.Rafes. Zhur.nevr.i psikh. 60 no.1:118-119 '60.

POLAND—PEASANT UPRISINGS

Peasant movement of 1932-1933 in western White Russia I.V Paluian Vestsi AN BSSR.Ser.hram nav. no 1 42-54 '60.

POLAND—POLITICS AND GOVERNMENT

Organization and work of the "League of White Russian Peasants and Workers" in 1925-1926 in western White Russia U A.Paluian. Vestsi AN BSSR.Ser hram. nav no.1:26-41 '60.

POLAND—POWER PRESSES

Forging and pressing equipment in Poland. G.N.Mekhed. Biul.tekh.-ekon.inform. no.3:68-71 '60.

POLAND—PUBLIC HEALTH

Public health employees' wages in the Polish People's Republic. E.Farberova. Biul.nauch.inform.: trud i zar.plata no.10:64-68 '59.

POLAND—SOCIAL CONDITIONS

Jerzy Putrament's journalistic writings ("Chronicle of everyday life" [in Polish] by Jerzy Putrament. Reviewed by A.Mel'nikov). Inostr.lit. no.1:252-253 Ja '60.

POLAND—SPINNING MACHINERY

New spinning machines for the manufacture of polyamide fibers. H.Welter. Khim.volok. no.1:13-17 '60.

POLAND—SPORTS

Polish athletes prepare for the Olympic Games. Konrad Gruda. Mol.mira. no.12:18-19 '59.

POLISH STEELWORKS
[illegible] I. Janicki, A. Mulevskii. [illegible] 10 no.16:20 Ap '60.

POLISH TECHNICAL ASSISTANCE, RUSSIAN
[illegible] I. Janicki, A. Mulevskii. [illegible] 10 no.16:20 Ap '60.

POLISH VIOLIN MAKER
[illegible] work of a Polish [illegible] ("Dictionary of Polish [illegible]") [in Polish] by [illegible] [illegible]

POLISH WAGES
[illegible]

POLAROGRAPHY
(See also subdivision under Czechoslovakia)
[illegible] polarography on [illegible] V. [illegible], N. A. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible] see subdivision under Moscow

[illegible]
[illegible]

[illegible]
[illegible]

POLISH LITERATURE - HISTORY AND CRITICISM
[illegible]

POLISH POETRY - TRANSLATIONS INTO RUSSIAN
[illegible], [illegible]. [From Polish poets, verses about [illegible], [illegible], and the Soviet Union. Translated from the Polish] Iz pol'skikh poetov, stikhi o [illegible] [illegible] Moskva, [illegible]. 1959. 111 p. [illegible]
[illegible]

POLISHING WHEELS
New technology in the manufacture of composite disks for polishing metals. P. K. Vorob'eva. Med.prom. 14 no.1:[illegible] Mr '60.

POLITICAL BALLADS AND SONGS
Druskin, M. S. [Russian revolutionary songs] Russkaia revoliutsionnaia pesnia. Leningrad, Muzgiz, 1959. 169 p.
(MIR)

POLITICAL ECONOMY see Economics

POLITICAL SCIENCE
Discussing the textbook "The history of political theory." G. P. Belіaeva, L. A. Omel'kina. Vest LGU 15 no.8 151-152 '60.
"On the state and law; collected works and documents in two volumes" by V. I. Lenin. Reviewed by V. S. Petrov. Vest.LGU 15 no.8:[illegible] '60.
[illegible] M. [illegible] Vest. AN [illegible]

POLITICAL SCIENCE - AUDIO-VISUAL AIDS
Visual aids in classes on political science. I. Rybalko. Prof. tekh. obr. 17 no.1:23-24 Mr '60.

POLITICAL SCIENCE - STUDY AND TEACHING
[illegible] political information ("Political information [illegible]") [illegible]
[illegible]

POLITICAL SCIENCE - TEXTBOOKS
[illegible]

POLITKOVSKII, [illegible], d. 1896
[illegible]

POLLEN
[illegible]

POLOTSK - ANTIQUITIES
[illegible] J. Pelat' [illegible]
[illegible]

POLOTSK - CONSTRUCTION WORKERS
[illegible]

POLOTSK - PETROLEUM INDUSTRY
At the building site of an oil refinery. O. Khataian. [illegible] 29 no.2:12 [illegible] '60.

POLTAVA PROVINCE - COMMUNIST PARTY OF THE SOVIET UNION - PARTY WORK
[illegible]

POLTAVA PROVINCE - COMMUNITY CENTERS
[illegible]

POLTORATSKII, VIKTOR VASIL'EVICH, 1897
[illegible]

POLYAMIDES
[illegible] polyamides as materials for [illegible] [illegible]
Heterochain polyamides. Part 25 [illegible] V. V. Korshak, [illegible]
Heterochain polyesters. Part 26. [illegible] V. V. Korshak, [illegible] Vysokom.soed. 2 no.6:[illegible]
Heterogeneous polycondensation method. M. N. Akutin, [illegible] Plast.massy no.3:[illegible] '60.
Modified polyamide adhesives. [illegible] Plast.massy no.3:[illegible] '60.
[illegible] Vysokom.soed. 2 no.6:[illegible] '60.
Synthesis and study of [illegible] polyamides [with summary in English]. [illegible] Vysokom.soed. 2 no.6:[illegible] '60.

POLYAMIDES - SPECTRA
[illegible] on the [illegible] [with summary in English]. V. V. [illegible], N. V. Andreeva. Vysokom.soed. 2 no.6:[illegible] Je '60.

POLYCHAETA see subdivision under White Sea

POLYETHYLENE
Combining polyethylene with other polymers. V. I. Alekseenko, I. U. Mishustin. Plast.massy no.3:8-13 '60.
Effect of elastic mechanical vibrations on the process of removal of impurities from polyethylene. A. M. Glazunov, A. A. [illegible] Izv.vys.ucheb.zav.; khim.i khim. tekh. 3 no.1:170-[illegible] '60.
Elucidation of the relation between the structure and orientation of the molecular chains in polyethylene terephthalate [with summary in English]. N. V. Mikhailov and others. Vysokom.soed. 2 no.6:[illegible] Je '60.
Selecting a solvent for polyethylene. [illegible] Mamedaliev and others. Azerb.khim.zhur. no.1:11-17 '60.

POLYETHYLENE - ELECTRIC PROPERTIES
Electrical properties of low-pressure polyethylene. [illegible] Plast.massy no.3:[illegible] '60.

POLYGLOT DICTIONARIES see Dictionaries, Polyglot

POLYMERIZATION
Catalytic polymerization of olefins. Report No. 8. Polymerization of ethylene over a nickel - aluminosilicate catalyst. [illegible] and others. Izv.AN SSSR Otd. khim.nauk no.5:[illegible] My '60.
Catalytic polymerization of olefins. Report No. 9. Activity of a nickel silicate deposited on an aluminosilicate in the course of ethylene polymerization. [illegible], [illegible] Izv.AN SSSR Otd.khim. nauk no.5:[illegible] My '60.
Copolymerization of polyethyleneglycol fumarate phosphate with alkyl derivatives of phosphorus acids [with summary in English]. M. I. Mal'tseva, [illegible] Vysokom.soed. 2 no.6:[illegible] Je '60.
Effect of fatty acid salts on the process of styrene polymerization in emulsions [with summary in English]. A. I. [illegible], [illegible] Koll.zhur. 22 no.1 [illegible] Ja-F '60.
Emulsion polymerization of styrene in the presence of emulsifiers of various molecular weights [with summary in English]. [illegible] Koll.zhur. 22 no.1:37-41 Ja-F '60.
[illegible] Part 1. Polymerization of methyl methacrylate [illegible] the dispersion of sodium bentonite [with summary in English]. [illegible] Vysokom. [illegible] '60.
Inhibition of [illegible] polymerization. [illegible] Mikhailov, A. B. [illegible]
Polymerization of ethylene by means of [illegible] [with summary in English]. [illegible] Medvedev and others. Vysokom.soed. 2 no.6:[illegible] Je '60.

POLYMERS
(See also subdivision under United States)
Adhesion of high polymers. Part 4. Effect of mechanical factors on high polymer adhesion [with summary in English]. [illegible] A. I. [illegible] Koll.zhur. 22 no.1:57-62 Ja-F '60.
Applying the theory of recirculation processes to the development of complete flow systems for the production of polymeric compounds. [illegible] and others. Azerb. khim.zhur. no.1:[illegible] '60.
Carbochain polymers and copolymers. Part 24. Synthesis of graft copolymers by reaction between a polymethyl methacrylate and polypentamethylene [illegible] [with summary in English]. [illegible] Vysokom.soed. 2 no.6:[illegible] Je '60.
[The chemistry and technology of polymers; translations from foreign periodical literature.] Khimiia i tekhnologiia polimerov, sbornik perevodov iz inostrannoi periodicheskoi literatury. 4 no.7/8 '60.
Combining polyethylene with other polymers. V. I. Alekseenko, I. U. Mishustin. Plast.massy no.3:8-13 '60.
Concentration dependence of the diffusion coefficient of organic substances in polymers [with summary in English]. R. M. Vasenin. Vysokom.soed. 2 no.6:851-856 Je '60.
Diffusion coefficient and the nature of the diffusing molecules [with summary in English]. R. M. Vasenin. Vysokom.soed. 2 no.6:857-861 Je '60.
Dimer products of the autoxidation of unsaturated hydrocarbons. [illegible], A. L. Chybko. Vestsi AN BSSR, [illegible] no.1:51-56 '60.
Effect of functional groups on the glass transition temperature of rubberlike polymers. A. I. Marei. Kauch.i rez. 19 no.2:1-7 F '60.
Effect of polydispersity on the distribution function of the distances between the ends of a free rotating chain. Iu. IA. Kolbovskii. Vysokom.soed. 2 no.6:828-831 Je '60.
Effect of the thickening of mixtures of petroleum and silicone liquids by high polymer additives. D. S. Velikovskii, [illegible] V. Chernova. Khim.i tekh.topl.i masel 5 no.2:30-38 F '60.
For the production of synthetic materials. K. Korniev. Nauka i zhyttia 10 no.1:13 Ja '60.
Interdependence of physical properties of polymers. N. I. Vorob'ev. Elektrichestvo no.3:75-76 Mr '60.
New method of synthesizing graft copolymers [with summary in English]. V. V. Korshak, K. K. Mozgova, M. A. Shkolina. Vysokom.soed. 2 no.6:957-958 Je '60.

POLYMERS (Continued)

New polymers, products of the catalytic polymerization of organosiloxanes K A.Andrianov, S.I Dzhenchel'skaia, IU K.Petrashko. Plast massy no 3 20-23 '60

Polymers in road construction. I I Meshcheriakov Avt dor 23 no 6 16-19 Je '60

Thermodynamic study of the interaction between graft copolymers and the solvent [with summary in English]. M.M.Iovleva, P V Kozlov, V A.Kargin. Vysokom. soed. 2 no 6 937-941 Je '60

Ways of developing scientific research in the field of pressure treatment of synthetic polymer materials B N Bobrynin Plast massy no 1 42-44 '60

POLYMERS—BIBLIOGRAPHY see Bibliography—Polymers

POLYMERS—ELECTRIC PROPERTIES

Electric properties of systems consisting of polymers and metals S D Levina, K P Lobanova, N A Plate Dokl AN SSSR 132 no 5 1140-1143 Je '60

POLYMERS—OPTICAL PROPERTIES

Effect of polydispersity on the scattering of light by polymers. Part 2 [with summary in English]. IU.IA. Kolbovskii. Vysokom soed. 2 no.6 825-827 Je '60.

Polymer materials with different physicomechanical characteristics for the study of stresses by the optical method N.A. Shchegolevskaia and others. Izv vys ucheb zav.,khim.i khim.tekh 3 no.1 172-175 '60

Relation between the second virial coefficient of polymer solutions, determined by light scattering and the angle of scattering [with summary in English] V E Eskin Koll zhur 22 no 1 117-119 Ja-F '60

POLYMERS—TESTING

Comparison of polymer characteristics measured with various instruments [with summary in English]. G.L. Slonimskii, V.A.Ershova. Vysokom.soed 2 no.6 871-874 Je '60

Investigating the process of tearing in polymers by taking color moving pictures in polarized light. I.M.Chernin, V I Gul' Zav.lab 26 no.1 184-187 '60

State of aggregation of high molecular weight compounds Part 6 Rupture characteristics of anisotropic polycaprolactam films [with summary in English] R I Fel'dman, S I Sokolov Koll zhur 22 no 1 97-100 Ja-F '60

POLYMERS, HIGH see Macromolecular compounds

POLYNOMIALS

Divided difference of function on a system of deviation points of the Chebyshev polynomial in connection with certain applications A.S.Shteinberg. Izv vys.ucheb zav ,mat no 1 218-226 '60

Real roots of polynomials. G.F Korsakov. Trudy UzGU no 78 205-208 '58.

Roots of recurrent polynomials. G.F.Korsakov. Trudy UzGU no.78:209-213 '58

Some problems in the theory of trigonometric polynomials orthogonal with respect to a given weight function. A.I.Pulatov. Izv.AN Uz.SSR.fiz.-mat.nauk no.1:3-14 '60.

POLYPLOIDY

Geographical distribution of polyploid plant species in the Eurasian Arctic [with summary in English]. A P. Sokolovskaia, O S Strelkova. Bot.zhur 45 no.3: 369-381 Mr '60.

POLYZOA, FOSSIL see subdivision under Podolia

POMIALOVSKII, NIKOLAI GERASIMOVICH, 1835-1863

"A writer of Gogolian power " IU Lukin Nauka i zhizn' no 4 86-89 Ap '60

POPLAR

(see also subdivision under Kazakhstan; Sarez region)

Dropping of branches in the poplar V.A.Korovin Priroda no.6 68 Je '60.

Effect of the pitch of poplar wood fibers on creep deformation under compression A S.Sogoian. Izv.AN Arm SSR.Ser.tekh.nauk 12 no.6 57-59 '59

Fast-growing poplars. A.U.Usmanov. Uzb.biol.zhur. no 1 41-45 '60.

POPLAR BREEDING

Using repeated pollination in the breeding of poplars [with summaries in English German, and French]. Li Shan-wei Vest.sel'khoz nauki 5 no.2 140-143 F '60

POPOV, ALEKSANDR STEPANOVICH, 1859-1905

Popov and Marconi. P.Sloane. Ogonek 38 no.10:23 Mr '60.

POPOV, ALEKSEI DMITRIEVICH

Reminiscences and reflections (continuation). Aleksei Popov Teatr 21 no 3 126-136 Mr '60

POPOV, IVAN VASIL'EVICH, 1889-

Professor Ivan Vasil'evich Popov. F.V.Kotlov. Izv. vys.ucheb.zav.,geol.i razv. 2 no 10 69-78 O '59

POPPY

Biology of the flowering and fruit bearing of Glaucium oxylobum Boiss et Buhse. M.G.Shatskaia. Uzb biol. zhur. no 1 35-40 '60.

POPULATION

Estimating the population in planning cities. A.A.IUnina. Probl.Sov.gradostr. no.8 92-104 '60.

Reactionary character of modern bourgeois population concepts and the "crisis of world resources" theory. D Valentei Nauch.dokl.vys shkoly, ekon nauki no 1 100-110 '60

POPULISM (NARODNICHESTVO)—BIBLIOGRAPHY see Bibliography—Populism (Narodnichestvo)

PORCELAIN

Device for continuous controlling of moisture in the porcelain batch A P Kuznichenko, L A.Artasevich Stek.i ker. 17 no.3 36-37 Mr '60

Eliminating deformations in porcelain products during kilning B N Ol'shevskii Stek i ker. 17 no.3:37-39 Mr '60

PORCELAIN, CHINESE

Chinese porcelain and faience. Chou Jen. Priroda no 6 65-68 Je '60

PORCELAIN, SEVRES see Sèvres porcelain

POROSITY

Effect of sintering temperature on the shape of pores in antifriction powder metal materials [with summary in English]. O.IA Artamonov, I.M.Fedorchenko. Dop AN URSR no 1 44-47 '60.

POROUS MATERIALS

"Structure and properties of porous materials" edited by D H Everett, F S Stone Reviewed by A P Karnaukhov Koll zhur 22 no 1 133-135 Ja-F '60

PORTAL HYPERTENSION

Blood and bone marrow changes in portal hypertension. L F Titunova Mat po obm nauch inform no 2: 217-222 '58

PORTAL VEIN

Case of a breakthrough of a hydatid cyst of the liver into the portal vein M.S.Imas Med.zhur.Uzb. no.10:87 O '58

PORTLAND CEMENT

Water resistance in portland cement induced by GKZh-24 silicon organic solution [with summary in English] O.O Pashchenko, Chih Chang-min. Dop AN URSR no 2 202-204 '60

PORTLAND CEMENT—TESTING

Thermographical investigations of processes in rapid hardening portland cements [with summary in English, p 66] O O Govorov Visnyk ABiA URSR no.1:30-33 '60

PORTUGAL

Portugal Agitator no 6 43 Mr '60

PORTUGAL—COMMUNIST PARTY

Partido Comunista Portugues. [Fifth Congress of the Portuguese Communist Party. Translated from the Portuguese] V s"ezd Portugal'skoi Kommunisticheskoi partii. Moskva, Gos.izd-vo polit.lit-ry, 1959. 318 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

PORTUGAL—TRADE UNIONS

Portuguese worker are struggling. Maria Goncalves. Vsem.prof.dvizh. [no.6] 37-40 Je '60.

PORTUGAL—WOMEN

Status of women in Portugal. Zhen.mira no 10:13-16 '59.

POSTAGE STAMPS

Answers to letters. A.Sudakov Sov.knizh.torg 12 no 3 51-52 Mr '60

A country's visiting card. Tikhon Nepomniashchii. Sov.Soiuz no.2:38-39 '60.

For the catalog of the 1959 Soviet postage stamps Sov. knizh torg. 12 no 3 50 Mr '60

Philately and the theater. A.A Teatr 21 no.3:159-160 Mr '60.

Postage stamps for 1960 O Makarov Sov knizh torg. 12 no 2 43-45 F '60

POSTAGE STAMPS—CATALOGS

[Postage stamps of the U.S.S.R.; a catalog] Pochtovye marki SSSR, katalog. Moskva, Glav. filatelisticheskaia kontora, 1958. 620 p.

POSTAGE STAMPS—COLLECTORS AND COLLECTING

Philately in the schools A.Gukovskii Sov.knizh.torg. 12 no 3 53 Mr '60

POSTAGE STAMPS—TOPICS

Postage stamps for charitable purposes. E Vainshtein. Sov knizh torg. 12 no 3,54 Mr '60

True guardian of peace A Nikolaev Sov.knizh torg. 12 no 2 46 F '60.

POSTAGE STAMPS—TOPICS—WOMEN

Postage stamps of Soviet women L. Dobychina Sov knizh torg 12 no 3 49 Mr '60.

POSTAL SERVICE see subdivision under Kursk; Moscow

POSTAL SERVICE—ACCOUNTING

Our experience in intrafactory cost accounting G.I Kuchkin Vest sviazi 20 no 3 15 Mr '60

POSTAVY DISTRICT—WOMEN AS FARMERS

Katsiaryna Ivanauna's happiness. M.Aslanevich. Rab. i sial. 36 no 2 20 F '60.

POSTERS

For 200 poods of grain per hectare, a library poster. Sots kul't 13 no 2 36 F '60

An interesting poster. V Volodina. Okhr.truda i sots. strakh. 3 no 4:57 Ap '60

Let's try to impress the hearts and minds of our people V Atlantov Mystetstvo 7 no 1 17-19 Ja-F '60.

Library posters. L.Beliakov. Bibliotekar' no 6:31-33 Je '60

Science and religion are incompatible, a library poster Sots kul't 11 no 3 24-25 Mr '59.

POSTURE

University of beauty and health. Smena 37 no 12 20-21 Je '60

POTASH INDUSTRY see subdivision under White Russia

POTASSIUM

Modified method for the colorimetric determination of potassium in blood serum, other tissues, and organic substances S.I.Vishniakov. Lab delo 6 no.2 17-20 Mr-Ap '60.

Potassium in underground waters of the Moscow artesian basin [with summary in English]. M.S IAnshina. Geokhimiia no.1:72-75 '60.

Radiometric apparatus used for determining potassium in fertilizers [with summaries in English, German, and French] V A.Sukhoivanov. Vest sel'khoz.nauki 5 no.2 128-130 F '60

POTASSIUM—ANALYSIS

Determination of potassium in mica by the perchlorate method M.L.IAshchenko, E.S.Varshavskaia. Zav lab. 26 no 3:275-276 '60.

POTASSIUM—ISOTOPES

Beta-ray concentration indicator for potassium salt solutions. I.V.Vagner, A.I.Novosel'skaia, L.P.Titarenko. Zav.lab. 26 no.3:342-344 '60.

POTASSIUM—PHYSIOLOGICAL EFFECT

How feed rations with various potassium content affect the mineral metabolism in lactating cows [with summaries in English, German, and French]. V.M. Shcherbakov. Vest.sel'khoz.nauki 5 no.2:53-59 F '60.

POTASSIUM CARBONATE

Reduction and carbonization of a mixture of alkali metals for producing sodium and potassium carbonates and alkali hydroxides [in Azerbaijani with summary in Russian]. I.L.Bagbanly, F.IU.Mirbabaeva. Azerb.khim. zhur. no.2:111-121 '59.

POTASSIUM DICHROMATE

Formation of compounds of higher order in the system $CaCr_2O_7 - K_2Cr_2O_7 - H_2O$. A.IA.Deich. Zhur.neorg. khim. 5 no.2:503-505 F '60.

POTASSIUM IN THE BODY

Potassium and calcium level in the blood serum of patients with bronchial asthma. G.Kh.Lazidi. Vrach.delo no.1:91-93 '60.

POTASSIUM IODIDE

Free energy of solvation of KI in ethanol and acetone. V.V Aleksandrov, IU.A Ershov. Dokl AN SSSR 132 no.6 1327-1328 Je '60.

POTASSIUM NITRATE see Saltpeter

POTASSIUM SALTS see subdivision under Pripet Valley

POTASSIUM SALTS—SPECTRA

Beta-ray concentration indicator for potassium salt solutions. I.V.Vagner, A.I.Novosel'skaia, L.P.Titarenko. Zav.lab. 26 no.3,342-344 '60.

POTASSIUM SULFATE

Physicochemical study of the system $K_2SO_4 - Cs_2SO_4 - Al_2(SO_4)_3 - H_2O$ at 60°. L.A.Khripin, I.N.Lepeshkov. Zhur.neorg.khim. 5 no.2:481-493 F '60.

POTASSIUM TELLURITE

Specificity of the tellurite test in diphtheria. G.A. Sudzhaev. Zdrav.Belor. 6 no.2:31-34 F '60

POTATO BREEDING

Fundamental work on potato breeding ("Principles of potato breeding" by S.M.Bukasov. Reviewed by V.P. Matveev). Vest.sel'khoz.nauki 5 no.2:153-154 F '60.

POTATO CHIPS

Deep fat fryer for potato chips (British patent No. 763361). Kons. i ov prom 15 no. 4 45 Ap '60.

New foodstuffs. T. Berdichevskaia. Sov. torg. 33 no. 3 49 Mr '60

POTATOES

(see also subdivision under Balkash Lake, Chernigov, Germany, East)

Differences in the behavior of potato plants raised from seed and from ordinary tubers IU G Trinkler Uch zap GGPI 20 129-136 '58

Effect of chemical potato germination inhibitors on the seed qualities of tubers and the productivity of plants sown during the summer. A. P. Shikina Izv AN Kazakh. SSR. Ser. bot. i pochv no. 1 15-26 '60

Effect of cultivation on the yield and quality of potatoes planted in checkrowed hills S F Viarshenin Vestsi AN BSSR Ser biial nav no 1 60-69 '60

Effect of the water regime of peat soils on potato yields and tuber quality B F Matrosov Trudy Belar nav - dasl inst mel i vod hasp 8 264-276 '58

POTATOES—DISEASES AND PESTS

Effective measures for controlling virus diseases of potatoes [with summaries in English, German, and French]. S M Bukasov Vest sel'khoz nauki 5 no 2 19-23 F '60

POTATOES—DRYING

Dry mashed potatoes in the form of granules. S. A. Genin. Kons. i ov. prom. 15 no. 3·19-22 Mr '60.

POTEKHIN, PAVEL ANTIPOVICH, 1839-1916

Letters written by S M Liapunov to P. A Potekhin. Sov muz 24 no. 3 81-87 Mr '60

POTENTIOMETER

Design and recalibration of automatic bridge circuits and potentiometers V. A. Petrovskii. Priborostroenie no 4,5-10 Ap '60.

Electronic potentiometer for the automatic control of temperature in hot air ducts. L. Tesler. Muk. -elev. prom. 26 no 1 18-19 Ja '60.

POTENTIOMETRIC ANALYSIS

Potentiometric method of titrating acids with quaternary ammonium bases A P Kreshkov, L. N. Bykova, N A Mkhitarian Dokl AN SSSR 132 no 5 1090-1092 Je '60

POTTERY

(see also subdivision under Kiev)

Improving the designs of semiautomatic plate-making machines N. D. Kuznetsov, A. E. Zubashenko. Stek. i ker 17 no. 3:34-36 Mr '60.

Popova, O. S. [Artistic Russian ceramics for everyday use] Russkaia khudozhestvennaia bytovaia keramika. Moskva, Koiz, 1959. 48 p. (chiefly illus.)

POTTERY, GREEK

Fragments of a black-figured vessel from Eretria found in Olbia. V. Skudnova. Soob Gos. Erm. no. 16:48-50 '59.

POULTRY

(see also subdivision under Netherlands)

Comparative study on the growth and development of young Russian White and Jubilee chickens. IA. IA. Shapovalov. Trudy Inst. morf. zhiv no. 31,201-214 '60.

Development of chicks during incubation in connection with their methods of respiration and nutrition M. N. Ragozina Trudy Inst morf zhiv. no 31 184-194 '60.

Effect of controlled external factors during the embryonic and postembryonic periods on the development and productivity of poultry. N. P. Tret'iakov, T. A. Zaletaeva. Trudy Inst. morf. zhiv. no 31,195-203 '60.

Intensive methods in poultry production. S. I. Smetnev. Izv. TSKhA no. 6:143-153 '59.

POULTRY—DISEASES AND PESTS

Characteristics of aerosols made from the B_1 strain of the fowl cholera. V. P. Holubnychyi. Visnyk sil'. hosp. nauky 3 no. 3·83-87 Mr '60.

POULTRY HOUSES AND EQUIPMENT see subdivision under Kharkov Province

POVENETS—LIBRARIES

Povenets county public library. A. IA. Cherniak. Bibliot. SSSR no. 12·172-181 '59.

POWDER METAL PROCESSES

Improved mixtures for wear-resistant hard facing I I. Iskol'dskii S L Cherkinskaia Svar proizv no 2 32-35 F '60

POWDER METALLURGY

Investigating internal friction in ceramic metals. Part 1. Specimens of noninteracting binary powders Cu - Mo, Cu - Tungsten B. IA Pines, Den Ge Sen. Fiz. met. i metalloved 8 no. 6 867-871 D '59.

New trends in powder metallurgy. Z. Minist r. Vest. mash. 40 no. 3:80-81 Mr '60.

Physicochemical investigation of the section SiC - B_4C of the system Si - B - C A. A. Kalinina, F I Shamrai Trudy Inst. met. no 5 151-155 '60.

Viaznikov, N. F., and S. S. Ermakov. [Use of powder metallurgy products in industry] Primenenie izdelii poroshkovoi metallurgii v promyshlennosti Moskva, Gos nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 187 p.

POWDERS (PHARMACY)

Mechanized preparation of individually prescribed complex powders in drugstores. P V Lopatin Apt delo 9 no. 1 6-10 Ja-F '60

POWER (MECHANICS)

Chemical sources of energy A Frumkin Kul't i zhizn' 4 no 1 48-50 '60

POWER ENGINEERING

(see also subdivision under Egypt, Italy, Siberia, Ukraine)

Brief news. Energokhoz. za rub. no. 2 47-48 Mr-Ap '60.

Heat and electric power plant as an element of power engineering systems at the present-day stage of the development of power engineering. I N. Butakov Izv vys ucheb zav ,energ 3 no 4 113-115 Ap '60

In international power engineering organizations. Energokhoz za rub. no. 2 45-46 Mr-Ap '60.

In plants. Prom energ 15 no 3 56-57 Mr '60.

In plants. Prom. energ. 15 no. 4 49 Ap '60

Kholodovskii, G E [Physical processes in thermal-power engineering] Fizicheskie protsessy v teploenergetike Moskva, Gos energ izd-vo, 1960. 127 p (Biblioteka teplotekhnika, no 6)

Reader's conference P. A Ievlev Energetik 8 no 3 40 Mr '60.

[Some problems of power machinery manufacture in the U S S R] Nekotorye voprosy energomashinostroeniia v SSSR Moskva, Gos nauchno-tekhn izd-vo mashinostroit lit-ry, 1956 91 p

Surveys of the technical press. Prom. energ. 15 no. 4 55 Ap '60.

POWER ENGINEERING—CONGRESSES

Readers' conference. P. A. Ievlev. Prom energ. 15 no. 4 51 Ap '60

Results of a scientific and technical conference T. M. Kusina. Izv vys. ucheb. zav., energ. 3 no. 6·163-164 Je '60.

POWER ENGINEERING—EQUIPMENT AND SUPPLIES

News in power machinery manufacture. D. M. Budniatskii, L. I. Apatovskii, N V. Belova. Energomashinostroenie 6 no. 3 46 Mr '60

Quality control of welding during the installation of power equipment A G Ryss Energetik 8 no 2 6-7 F '60

POWER PLANTS

Putnik, N P [Underground heat, utilization of thermal waters] Podzemnoe teplo, ispol'zovanie termal'nykh vod Moskva, 1960 38 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser 4, Nauka i tekhnika, no 13)

POWER PRESSES

(see also subdivision under Poland)

The A-825, A-826S, and A-827 automatic eight-way presses. A. F. Nistratov. Biul. tekh. -ekon. inform. no. 3;14-15 '60.

Energy consumed in the press forging of sections S. N. Tarantov Trudy MATI no. 44 30-38 '60.

The K-471B single-crank double-action press with 100/63-ton capacity. S. A. Kunitsyn. Biul. tekh. -ekon. inform. no. 3·12-13 '60.

Moscow. Vsesoiuznyi institut nauchnoi i tekhnicheskoi informatsii. [Extrusion of plastics by screw presses, fundamentals] Vydavlivanie plasticheskikh mass na cherviachnykh pressakh, osnovy teorii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960. 75 p.

Using reinforced concrete in heavy machinery and press manufacture. I. G. Liudkovskii. Izv. ASiA no. 4 88-107 '59.

POWER PRESSES—STANDARDS

Requirements of standards for forging and pressing equipment. V. V. Magaziner, I. N. Fil'kin. Standartizatsiia 24 no. 3·10-12 Mr '60.

POWER TRANSMISSION

Forces acting on the disks of friction transmission. I A. Apeika. Vestsi AN BSSR, Ser. fiz. -tekh. nav no 1 75-83 '60

Stepless drive. V. Svetozarov. NTO 2 no. 4·48-49 Ap '60.

POWER UTILIZATION see subdivision under Volga River

POYLI—RAILROAD BRIDGES

The boundary is wiped out. P. Varunts. Ogonek 38 no. 16·24 Ap '60.

PRAGUE—ANTHROPOLOGICAL MUSEUMS AND COLLECTIONS

The A. Hrdlicka Anthropological Museum in Prague. Vjtech Fetter. Vop. antr. no. 1 57-66 '60

PRAGUE—MACHINERY INDUSTRY

Fifteen years of work for the good of the people. Miguel Perez. Vsem. prof. dvizh. no. 5;36-39 My '60.

PRECAST CONCRETE

(see also subdivision under Yurginskoye)

IAkubovskii, B. V. [Precast reinforced concrete in modern construction] Sbornyi zhelezobeton v sovremennom stroitel'stve. Kuibyshev, TSentr. biuro tekhn. informatsii, 1959 41 p.

In the Scientific Council L V Abramov. Izv ASiA no 2 149-151 '59.

Institute of Plain and Reinforced Concrete. F N. Kartashov Izv. ASiA no 2 159-162 '59

Precast reinforced concrete construction elements for heating systems D IA Bologovskoi Stroi i arkhit Len 22 no 2 25-27 '60

Redistribution of constant-load stresses due to the creep of concrete. K. P. Dellos. Avt dor. 23 no. 4·23-25 Ap '60.

Using monolithic precast reinforced concrete construction elements in tunneling G. A. Katkov Transp. stroi 10 no 1 59-60 Ja '60

Using radiant energy in the heat treatment of precast reinforced concrete products Rats i izobr predl v stroi no 11 11-16 '60

PRECAST CONCRETE—TESTING

Using the ultrasonic method in testing the strength of concrete construction elements B Popovych, S Nohin, M Al'shuler Bud mat. i konstr 2 no 1 47-52 F '60

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Kiev, Leningrad, Stalino Province, Ukraine)

Assembling houses by the method of lifting stories I Gal'perin Arkhit SSSR no 6 13-48 '60

Conference on the improvement of construction elements and the performance of building and assembling cranes P. A. Zimin, V. I. Idashkin. Mekh. stroi 17 no 3 26-28 Mr '60

Conference on the mechanization of production and use of precast prestressed reinforced concrete construction elements V I Idashkin Mekh stroi 17 no 6 26-27 Je '60

Conference on waterproof precast reinforced concrete subway linings A I. Dement'ev Izv. ASiA no 2 179-180 '59

Constructing houses by lifting finished stories Stroi i arkhit Len 22 no 2 32 '60

Efficient construction elements of public buildings for mass construction S M Zhak Izv ASiA no 3·99-120 '59

Emelin, K. I. [Labor productivity in assembling precast construction elements] Proizvoditel'nost' truda na montazhe sbornykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1959. 79 p.

Expansion of industrialization in the construction industry V I Ovsiankin Izv. ASiA no. 2 22-40 '59

Experimental house built of prefabricated room-units N Pikhov, V Remishchenko, L Abramov Stroi i arkhit 8 no 2 3-4 F '60

For over-all mechanization of construction Mekh stroi 17 no 6 1-2 Je '60

Industrialization of housing construction Stroitel' no 3 10-11, 14 Mr '60

Introducing automatic process in housing construction combines P I Bozhenov and others Stroi i arkhit. Len 22 no 2 1-3 '60

Let's build high-quality livestock buildings. V. Zakharchenko. Sil'. bud. 8 no. 2·15-17 F '58.

Objectives of Soviet architecture under conditions of further industrialization of construction. V. A. Vlasov. Izv. ASiA no. 4·20-56 '59.

Practical designs of large-panel apartment houses to be built on ground located over mines V. N. Katkovs'kyi Visnyk ABiA URSR no 1·54-56 '60.

Progressive methods of prefabricated house construction. A Etmekdzhian. Plan. khoz. 37 no. 6·61-67 Je '60

Specialization of cranes in assembly-line building of reinforced concrete structures [with summary in English, p 66] B. H. Chebotkov Visnyk ABiA URSR no 1·37-43 '60

Standardization of prefabricated products to be used in residential and public-building construction. B. Plessein. Zhil. stroi. no. 3,19-21 Mr '60.

Urban development and industrialization. A. A. Liubosh. Stroi. i arkhit. Len. 22 no. 3;7-11 '60.

Using large blocks in constructing precast concrete spillway dams. L. G. Mazanko. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12;110-120 '59.

Using machinery in making prefabricated room units. N. V. Kashcheev. Mekh. stroi. 17 no. 4·16-18 Ap '60.

Ways of further mechanization of city building. Mekh. stroi. 17 no. 4;1-2 Ap '60.

PRECIPITATION (CHEMISTRY)

Free sedimentation of particles of irregular shapes. B. F. Stepochkin Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1;201-207 '60.

PRECIPITATION (METEOROLOGY)

(see also subdivision under Alma-Ata, Aragara Valley Bol'shiye Liakhvi Valley, Georgia)

Optimum wave length for radar detection of clouds and precipitation. E. M. Sal'man. Trudy GGO no. 102;94-103 '60

PRECISION CASTING
Investment casting of segments of the nozzle apparatus for the [illegible] turbine. [illegible] and others. [illegible] no.1:[illegible] Mr '60.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENOLONE
Steroids. Part 7. Mechanism of the conversion of [illegible] into [illegible] hydroxy-$\Delta^{5,16}$-pregnadien-20-one. N.N. Suvorov, L.M. Morozovskaia. Zhur. ob. khim. 30 no.6:2064-2066 Je '60.

PREGNANCY
Diet for expectant mothers. Rab. i sial. 36 no.2:22 [illegible] '60.
Hygiene during pregnancy. [illegible] '60.
Vitamin C in pregnant women with [illegible]. [illegible] Med. zhur. Uzb. no.[illegible]:67-70 Ap '60.

PREGNANCY - SIGNS AND DIAGNOSIS
Early diagnosis of pregnancy. A.D. Ostrovskii. Fel'd. i akush. 25 no.[illegible] Mr '60.

PREGNANCY, COMPLICATIONS OF
Problem in obstetrics. [illegible] V. [illegible] Fel'd. i akush. 25 no.3:[illegible] Mr '60.
Two cases of keratitis in connection with pregnancy. B.P. [illegible] Vest. oft. [illegible] no.[illegible] '60.

PREHISTORIC MAN see Man, Prehistoric

PREMATURE INFANTS see Infants (Premature)

PRESS
Improve the role of the press in the Communist education of the people. Sov. pech. no.3:[illegible] Mr '60.
Lenin's plan for the distribution of printed matter. I. Teslenko. Sov. pech. no.4:[illegible] Ap '60.
The periodical [illegible] on the tasks of the democratic press, [illegible] N.P. [illegible] no.[illegible] '60.
Preserve and enrich Lenin's traditions. Sov. pech. no.4:[illegible] Ap '60.
Soviet press should be the most powerful and the most militant. [illegible] 3 no.[illegible] Ja '60.
V.I. Lenin and the techniques of the Soviet party press. [illegible] Poligr. proizv. no.4:[illegible] Ap '60.
Weapon of communism; for Press Day. Agitator no.[illegible] Ap '60.

PRESS - BIBLIOGRAPHY see Bibliography - Press

PRESSING OF GARMENTS
Ironing press with individual hydraulic drives. Shvein. prom. no.1:[illegible] Ja-F '60.

PRESSURE - MEASUREMENT
Generators of pressure fluctuations. [illegible] and others. [illegible] no.4:[illegible] Ap '60.
Possibility of measuring static pressure in the stationary flow of a liquid by electric methods. L.V. [illegible] no.[illegible] '60.

PRESSURE VESSELS
Improve inspection of pressure vessels. A.A. [illegible], N.F. Khorozhkevich. Bezop. truda v prom. 4 no.5:[illegible] '60.

PRESTRESSED CONCRETE
Conference on the electrothermal stretching of reinforcements of prestressed reinforced concrete construction elements. I.G. [illegible] no.[illegible] '59.
Electrothermal stretching of high strength wire. V. [illegible] '60.
Electrothermal stretching of 5 mm high tensile wire in making prestressed concrete construction elements. Rats. i izobr. pred. v stroi. no.[illegible] '60.
Expand the use of electrothermal methods for stretching reinforcements. N. Lavrukhin. [illegible] no.2:[illegible] F '60.
Perel'shtein, M.I. [Using prestressed reinforced concrete in construction] Predvaritel'no napriazhennyi zhelezobeton v stroitel'stve. Moskva, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1959. 41 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva, Seriia: Stroitel'stvo, no.4)
Prestressed reinforced concrete construction elements with plastic covered reinforcements. [illegible] no.[illegible] '60.
Reinforced concrete supports with a part of reinforcements stressed. M.A. [illegible] Bet. i zhel. bet. no.3:117-121 Mr '60.
Senkevich, A.A. [Using prestressed construction elements in building hydraulic structures, dams, sluices, pavements, linings, et cetera] Primenenie predvaritel'no napriazhennykh konstruktsii v gidrotekhnicheskikh sooruzheniiakh; plotiny, shliuzy, pokrytiia poverkhnostei i dr. Pod obshchei red. P.I. Vasil'enko. Moskva, Gos. energ. izd-vo (Materialy po proektirovaniiu gidroenergeticheskikh uzlov, Ser. 4. Gidroelektrostantsii. Gidrotekhnicheskie sooruzheniia. Konstruktsii i materialy)
Pt. 2. 1960. 40 p.

Shipbuilding [illegible] concrete and [illegible] for prestressed ship elements. A.I. [illegible], A.A. [illegible] Trudy [illegible] no.30:[illegible] '59.
Stability of prestressed beams. A.V. [illegible] '60.
Stress losses in reinforcements of construction elements made of porous concretes. N.A. Markarov. Bet. i zhel. bet. no.3:124-125 Mr '60.
Using electrothermal methods for stressing reinforcements in making reinforced concrete poles. M.D. [illegible] Bet. i zhel. bet. no.[illegible] '60.
Using the electrothermic method of stressing in building prestressed span structures. P.B. [illegible] Transp. stroi. 10 no.1:[illegible] Ja '60.

PRESTRESSED CONCRETE CONSTRUCTION
Carrying capacity of prestressed reinforced concrete components subjected to bending. I.I. Gradiuk. Dokl. [illegible] 11 no.12:65-70 '59.

PRETZELS
(See also subdivision under Alma Ata)
Specific volume and porosity structure of pretzel products. A.IA. Pamp[illegible], V.I. [illegible] Khleb. i kond. prom. 4 no.3:5-[illegible] Mr '60.

PRICE REGULATION
Legal questions in establishing the price of goods in the practice of government arbitration agencies. [illegible] Sov. gos. i pravo no.5:[illegible] My '60.

PRICES
(See also subdivision under China)
On correlation between the sum of prices and sum of values in the national economy of the U.S.S.R. [illegible] Nauch. dokl. vys. shkoly; ekon. nauki no.[illegible] '60.
Preface. [illegible] Nauch. dokl. [illegible] no.[illegible] '60.
Stoliarov, S.G. [On prices and price determination in the U.S.S.R.; statistical economic studies] O tsenakh i tsenoobrazovanii v SSSR; [illegible] Moskva, Gosstatizdat [illegible] 1960. [illegible] p.

PRIEST WORKERS
The end of the "worker priests" [illegible] no.4:[illegible] Ap '60.

PRIENAI see subdivision under Lithuania

PRIMATES
[illegible] in primates. [illegible] E.V. Alekseev[illegible] Vop. [illegible] no.[illegible] '60.

PRIME NUMBERS see Numbers, Prime

PRIMITIVE RELIGION see Religion, Primitive

PRINTING
Methods of evaluating the printing properties of paper. [illegible] Mr '60.
New Soviet patents. Poligr. proizv. no.4:[illegible] Ap '60.
Printing apparatus of [illegible] Mr '60.

PRINTING - STUDY AND TEACHING see subdivision under [illegible]

PRINTING INDUSTRY
(See also subdivision under [illegible], Kiev, Leningrad, Leningrad Province, Mari A.S.S.R., Moscow)
According to Lenin's legacy. Poligr. proizv. no.4:[illegible] Ap '60.
Book reviews. Poligr. proizv. no.4:[illegible] Ap '60.
Brief news. Poligr. proizv. no.4:31-[illegible] Ap '60.
Improve the quality of [illegible] M.V. [illegible] Mr '60.
Improve working conditions in the printing industry. D.S. [illegible] Poligr. proizv. no.2:[illegible] F '60.
Improving organization and economics of printing and book industries. N.A. [illegible] Poligr. proizv. no.2:[illegible] F '60.
Plenum of the central administration of the scientific and technical society. Poligr. proizv. no.3:[illegible] Mr '60.
The quality of production of U.S.S.R. printing houses. V.I. [illegible] Poligr. proizv. no.4:[illegible] Ap '60.
What's new in printing abroad. Poligr. proizv. no.4:[illegible] Ap '60.

PRINTING INDUSTRY - ACCOUNTING
The [illegible] has been acknowledged. Poligr. proizv. no.3:[illegible] Mr '60.
Using standards in economic accountability and planning. M.S. [illegible] Poligr. proizv. no.3:[illegible] Mr '60.

PRINTING INDUSTRY - BIBLIOGRAPHY see Bibliography - Printing industry

PRINTING INDUSTRY - JOB DESCRIPTIONS
"Handbook of job and wage categories for printing-industry workers." Poligr. proizv. no.2:32 F '60.

PRINTING INDUSTRY - PRODUCTION STANDARDS
What [illegible] in establishing work norms in the printing industry. [illegible] Poligr. proizv. no.[illegible] '60.

PRINTING INDUSTRY - [illegible]
(See also subdivision under [illegible])
Container for [illegible] in small printing plants. [illegible] Poligr. proizv. no.2:26-27 F '60.
Introducing [illegible] production. [illegible] Poligr. proizv. no.2:[illegible] F '60.
[illegible] Poligr. [illegible]
[illegible] for [illegible] Polige. [illegible]
[illegible] D.V. [illegible]
[illegible] machines. [illegible] inform. no.[illegible]
[illegible] of [illegible] printing [illegible]
[illegible]
[illegible]
What [illegible] Poligr. proizv. [illegible]
[illegible]

PRINTING INK
[illegible] printing [illegible] Poligr. [illegible]

PRINTING MACHINERY AND SUPPLIES - MAINTENANCE AND REPAIR
[illegible]

PRINTING PLANTS see subdivision under [illegible]

PRINTING PLATES
(See also [illegible])
[illegible] plates. A.A. [illegible] Poligr. proizv. no.[illegible] F '60.
[illegible] plates. L.V. [illegible] no.2:[illegible] F '60.
[illegible] Poligr. [illegible]
[illegible] plates [illegible]

PRINTING TYPE
[illegible] Ap '60.
[illegible] Ap '60.

PRIPET VALLEY - GEOLOGY, STRUCTURAL
[illegible]

PRIPET VALLEY - PETROLEUM GEOLOGY
[illegible] Mr '60.

PRIPET VALLEY - [illegible]
[illegible]

PRIPET VALLEY - SALT
[illegible] in the Pripet [illegible]

PRISON LABOR see Convict labor

PRIVATE LIBRARIES see Libraries, Private

PRIVET
Mass outbreak of [illegible] on the leaves of [illegible] '60.

PROBABILITIES
Differentiability of transient probabilities of a homogeneous Markov process with an enumerable number of states. A.A. Iushkevich. Uch. zap. Mosk. un. no.186[a]:141-159 '59.
Theory of stochastic processes. Part 1. Markov principle. [illegible] 24 no.[illegible] Ja '60.

PROBATION

Certain problems relating to the participation of the people in judicial processes. M. [illegible]. Sov. gost. [illegible] F '60

[illegible] judicial practice in the implementation of Article 53 of the criminal code of the R.S.F.S.R. and Article 38 of the Basic Principles of Criminal Law. [illegible] no.2:40-41 F '60

[illegible] Sov. iust. no.1 [illegible]

[illegible] sentences and placement in the custody of [illegible]

PROBLEM OF MANY BODIES

[illegible] theory of many bodies; articles translated [illegible]. Preface by V. L. Bonch-Bruevich. [illegible] Moskva, [illegible] 1959. [illegible] p. (Problemy fiziki)

PROBLEM OF THREE BODIES

[illegible] in solving the restricted [illegible] three bodies by the [illegible] calculation of the [illegible] (with summary in English). [illegible]

PROCONVERTIN

[illegible] determining proconvertin in human blood [illegible]. Lab. delo [illegible] Ap '60

PRODUCE TRADE — STATISTICS

[illegible]

PRODUCER GAS see Water gas

PRODUCTION CONTROL

[illegible] analysis used in the control of [illegible]. A. M. [illegible]

PRODUCTION STANDARDS

(See also subdivision under Labor, Zaporozh'ye)

[illegible]

PRODUCTIVE EDUCATION

(See also subdivision under [illegible] Baku)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

PROGRAMMING (ELECTRONIC COMPUTERS)

[illegible], M. N. [Programming of programmed operating [illegible] principle] [illegible]

PROGRAMMING (MATHEMATICS)

[illegible]

[illegible]

[illegible]

PROJECT METHOD IN TEACHING

(See also subdivision under [illegible])

[illegible]

The final project should meet demands of the present [illegible] pol. obr. 7 no.3:[illegible] Mr '60

Results of course and diploma projects in night schools. [illegible] pol. obr. 7 no.3:[illegible] '60

PROJECTORS

Kaleidoscope projector. A. Markelov. [illegible] no.[illegible] '60.

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Debate over Prokof'ev. I. Nest'ev. Sov. muz. 24 no.[illegible] '60

PROLIFERATION

Structure of galls and malformations in plants of the [illegible] of Central Asia (with summary in English). [illegible] Bot. zhur. 45 no.[illegible] '60

PROMYSHLENNYY (YAKUTIA) — GAS, NATURAL

In the far North. [illegible] 37 no.4:[illegible] '60.

PROPAGANDA

(See also subdivision under Bug[illegible] District)

At the sessions of the Third Congress of the All-Union Society for the Propagation of Political and Scientific Knowledge. [illegible] 17 no.2:[illegible] '60

[illegible] propagandist. [illegible] Mr '60

Knowledge at the service of the people. Nauka i zhizn' [illegible] no.2:[illegible] '60

Mobile propaganda center. P. Savin. [illegible]

PROPAGATION OF PLANTS see Plant propagation

PROPANE

Composition of the products and kinetics of the cracking [illegible] of propane [illegible] different [illegible] of catalysts [illegible]

[illegible] of the process of dehydrogenation of propane into propylene. [illegible]

PROPENE

[illegible] propylene [illegible]

Copolymerization of ethylene with propylene. [illegible] Arkhipova and others. Plast. massy no.2:3-8 '60

Investigating the processes of strengthening polypropylene fiber, its thermal relaxation, and some of its properties. [illegible] Khim. volok. no.4:10-14 '60.

[illegible] of the process of [illegible] propylene [illegible]

[illegible]

PROPERTY

[illegible]

[illegible]

[illegible] in Marxist-Leninist theory and the [illegible] of property. [illegible]

PROPIOLIC ACID

[illegible]

[illegible]

[illegible]

PROPIONIC ACID

[illegible]

[illegible]

[illegible]

PROPOLIS

[illegible]

PROPORTION (ANTHROPOMETRY)

[illegible]

Data on the body proportions of Turkmen and Russian women. N. S. [illegible]. Vop. antr. no.1/2:80-[illegible] '60

PROPYNOL

Hydrogenation of mixtures of phenylpropiolic acid, its salt, and dimethylacetylenylcarbinol. A. Zhakipova, D. V. Sokol'skii. Vest. AN Kazakh. SSR 16 no.4:[illegible] '60.

Stereochemistry of reactions of addition to a triple bond. Report No.3: Stereochemistry of bromination of propargyl alcohol. I. N. Nazarov, [illegible] Bergel'son. Izv. AN SSSR Otd. khim. nauk no.5:887-895 My '60

PROSPECTING

Devices for safe core sampling by radioactive methods. D. M. Srebrodol'skii, A. A. Korzhev. Bezop. truda v prom. 4 no.3:[illegible] '60

Questions and answers on labor protection. Razved. i okh. nedr 26 no.[illegible]

Some results of geological exploration and the development of the geological prospecting service in the U.S.S.R. (up to 1957). [illegible] Trudy Inst. ist. est. i tekh. [illegible]

PROSPECTING — EQUIPMENT AND SUPPLIES

Litvinov, N. N. [New prospecting equipment] Novoe geologorazvedochnoe oborudovanie. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 29 p

PROSPECTING — GEOPHYSICAL METHODS

Detecting coal beds and determining their thickness by gamma-gamma logging. I. A. Gorbatenko. Prikl. geofiz. no.25:[illegible] '60

Determining the depth and relief of the interface by single transverse hodographs of refracted waves. M. M. [illegible], [illegible]. Izv. AN SSSR. Ser. geofiz. no.6:[illegible] Je '60.

Determining the depth of a folded basement rock by the use of complex PS type body waves recorded during earthquakes. N. K. Bulin. Izv. AN SSSR Ser. geofiz. no.6:[illegible] Je '60.

Determining vertical coordinates of the center of a disturbing body by the observed gravity anomalies. N. L. Afanas'ev. Prikl. geofiz. no.25:[illegible] '60

Methods and results of work in compiling a regional structural map of Turkmenistan based on geophysical data. A. A. [illegible]. Prikl. geofiz. no.25:[illegible] '60

New geophysical prospecting method. [illegible]

Radio wave prospecting of rocks between mines. V. K. [illegible]. Vest. Mosk. un. Ser. biol., pochv., geol., geog. 15 no.[illegible]

Results of the scientific and technical Geophysical Conference. [illegible] Razved. i okh. nedr 26 no.11 [illegible]

Selection of mean velocities in determining effective depths by single transverse hodographs of refracted waves. M. M. [illegible]. Izv. AN SSSR. Ser. geofiz. no.6:[illegible] Je '60.

Separation of total gravitational fields as a process of frequency filtration. K. V. Gladkii. Prikl. geofiz. no.25:[illegible] '60

Some problems of the theory of multiple detection in seismic prospecting. [illegible]. Prikl. geofiz. no.25:[illegible] '60

Spatial analysis of the structure of a magnetic field as applied to practical interpretation of anomalies. I. M. [illegible]. Prikl. geofiz. no.25:[illegible] '60

[illegible] of eastern Antarctica [illegible]

[illegible] vertical derivatives of the potentials of the earth's physical fields. [illegible]

[illegible] gravity anomalies. [illegible]

Use of calculating machines in differentiating local and regional gravity anomalies. O. K. Litvinenko. Prikl. geofiz. no.25:[illegible] '60.

[illegible] methods [illegible]

Vertical gradients of the vertical component of a magnetic field and the technique of measuring them. V. N. Ponomarev. Prikl. geofiz. no.25:[illegible] '60.

PROSTATE GLAND — INNERVATION

[illegible]

PROSTHESIS

(See also subdivision under Reutovo)

Make way for the devices for amputated workers of the Central Scientific Research Institute for Disability Testing and Rehabilitation of Disabled Workers. D. Reshetnikov. Sots. obesp. 21 no.3:[illegible] Mr '60.

[illegible] [What one should know about prosthesis] [illegible]. Moskva, [illegible] RSFSR, 1959. 48 p
[illegible]

Why are amputees do not know about the devices for amputated workers? D. Lisitsyn. Sots. obesp. 21 no.3:[illegible] Mr '60.

PROTECTIVE ATMOSPHERES

Automatic hard facing of press bushings by means of a powder metal wire in an atmosphere of carbon dioxide M I Razikov, E I Bobrov Svar proizv no 2 29-30 F '60

Equilibrium diagram of the system CO - H_2 - H_2O - C (γ-Fe). A A. Shmykov. Izv. vys ucheb. zav., chern met. no. 5:16-21 '60.

Hydrogen removal in argon blowing of the metal, depending on the method of blowing. N. M. Chuiko, A. G. Rabinovich. Izv vys. ucheb zav., chern met no. 5:49-54 '60

Submerged arc welding of flanges in an atmosphere of carbon dioxide A I Akulov, V V Spitsyn Svar proizv no 2 31-32 F '60

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Adhesion of polytrifluoroethylene coatings to metals. T. N. Nikolaeva, N. S. Kudriavtseva, Khim. prom. no. 8 668-672 D '59.

Depositing plastic coatings on metal articles by immersion in a fluidized powder IU. A Avgustov Khim. mash no 2 44-45 Mr-Ap '60

Determining the thickness of tin-nickel coatings N. T. Kudriavtsev, K M Tiutina, I V. Chvankin Zav lab 26 no 3:301-302 '60

Electrochemical effect of a lacquer paint coating on the local corrosion of steel in sea water V F Negreev, A M Kiazimov. Azerb. khim. zhur. no 1 65-74 '59.

Inertia lag of indicators of various temperature regulators protected by chemically stable coatings. L. I. Belinskii, F. L. Al'ter-Pesotskii. Khim. volok no 1:63-64 '60

Investigating the acid resistance of enameled chemical equipment V A Svetlov, N. S. Smirnov, I A Kakovskii Khim mash. no 2 27-30 Mr-Ap '60

Organizing the process of pipe coating with rubber M S Goncharevskii, IA N Lipkin Metallurg 5 no 3 33-34 Mr '60

Protective film for cheeses V I Vorob'ev Trudy LTIKHP 13 35-40 '57.

Resistance to heat of some protective silicon organic enamels A. F. Moiseev and others. Plast massy no 1 36-38 '60

Simplified method of preparing an anticorrosion coating based on polytrifluoroethylene. T N Nikolaeva, V G Kuriatnikova Plast massy no 1 44-46 '60

Skramtaeva, G. A. [Method for applying cement coatings in insulating steel pipes to be used in trenchless and jacketless pipelaying, scientific report] Tekhnologiia nanesenila tsementnoi izoliatsii na stal'nye truby dlia bestransheinoi besfutliarnoi prokladki truboprovodov, nauchnoe soobshchenie. Moskva, Otdel nauchno-tekhn informatsii Akad kommun khoz., 1959 18 p.

Unit for coating electrode packages with paraffin A P Vinogradov. Mashinostroitel' no 4 38-39 Ap '60

PROTECTIVE COATINGS—TESTING

Determining stresses by the method of brittle coats. G. I. Lyzhnov. Zav. lab. 26 no 4:487-488 '60.

PROTEIN METABOLISM

Inclusion of radioactive methionine S^{35} in the proteins of organs during the acute and chronic action of cadmium oxide [with summary in English] R S. Vorb'eva Gig i san 25 no 2 24-26 F '60

Role of disulfide and methyl groups in the processes of aging [with summary in English] C. I. Parhon, S. Oeriu. Biokhimiia 25 no 1:61-67 Ja-F '60

Study of phase ontogenins, substances regulating embryonic development [with summary in English]. G. K. Rusev. Zhur ob biol 21 no 2:130-137 Mr-Ap '60

PROTEINS

Changes in the number of peptide bonds in isolated proteins [with summary in English]. M G. Kritsman and others Biokhimiia 25 no 1 17-23 Ja-F '60.

Character of the proteins of the saliva of patients with paradentosis. L. I. Urbanovich, V. I. Demin. Probl. stom. 4 151-155 '58.

Content changes in the fractions of tissue phosphorus and "structural" proteins in the liver of one-year-old rats, effected by a prolonged growth-retarding diet and subsequent fattening [with summary in English] V. M. Nikitin, L I Stavyts'ka Ukr. biokhim zhur 32 no. 1 54-66 '60

Effect of stand density on the protein content of meadow grasses [with summaries in English, German, and French] S P. Smelov, O F Farmakovskaia Vest sel'khoz nauki 5 no 2 33-36 F '60

Establishing protein norms for young modified lard-type hogs V M Anisimov. Visnyk sil'. hosp. nauky 3 no. 3 74-76 Mr '60

Evolution of protein substances and evolution of flowering plants [with summary in English] A. V. Blagoveshchenskii. Biokhimiia 25 no. 1:12-16 Ja-F '60.

Litvin, S. G. [Ways of increasing the production of vegetable feeds rich in proteins] Shliakhy zbil'shennia vyrobnytstva roslynnykh bilkovykh kormiv. Kyiv, 1959. 78 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no 23/24)

Paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the spinal fluid A IU Makarov. Kaz med. zhur 41 no. 1:59-64 Ja-F '60.

Proteins are emitting signals. S. V. Konev. Nauka i zhizn' 27 no. 2:28-30 F '60.

Proteins of the nervous system N M. Poliakova Ukr. biokhim. zhur. 32 no. 1 120-148 '60

Proteolytic activity of the "E-1" a new strain of thermophilic lactic acid bacteria I M Roiter, R S Bashirova Izv vys ucheb zav, pishch tekh. no 1 56-59 '60

Significance of some functional groups of the dysentery allergen for its properties I V Zaretskaia Vrach delo no 1:61-63 '60

Some factors affecting the adhesion of rubbers to cord impregnated with latex-protein compositions [with summary in English]. A. A. Berlin, R. V. Uzina, I. L. Shmurak Vysokom soed. 2 no. 6:832-837 Je '60.

Some recent data on intermediate and fixed protein in the wheat endosperm. N. P. Koz'mina and others. Trudy VNIIZ no. 36 30-41 '59.

Study of the proteins of the renal medullary substance in normal rabbits and in rabbits with experimental nephritis [with summary in English]. B L Rubenchyk Ukr. biokhim. zhur. 32 no 1 44-53 '60

PROTEINS—ANALYSIS

Determining C-terminal groups of vegetable proteins by the thiohydantoin method [with summary in English]. V. I Veksler, M S Reznichenko, A A Freiman. Biokhimiia 25 no 1 124-128 Ja-F '60

PROTEINS IN THE BODY

Investigation of proteins in the lung tissues of rats under normal conditions and following introduction of quartz and coal dust [with summary in English] M. I Okun', B S Rodkina, A M Baru Ukr biokhim zhur 32 no. 3 358-367 '60.

PROTEOLIPIDS

Proteolipid complexes of certain fractions of brucella lipids [with summary in English] G D. Bolgova, E K. Alimova, N D. Moiseenko Ukr. biokhim zhur. 32 no. 1 87-92 '60

Proteolipids of the brain [with summary in English]. L I Komnatnaia. Ukr biokhim. zhur 32 no. 1:83-86 '60

PROTHROMBIN

Method for determining prothrombin in blood according to D. P. Borovskaia's procedure. IU P. Nikitin. Lab delo 6 no 2 9-10 Mr-Ap '60.

PROTONS

Thermodynamics of isobutylene protonation. S G Entelis, K S Kazanskii, N M Chirkov Dokl AN SSSR 132 no 5 1152-1155 Je '60

PROTOPLASM

"Local reaction of the protoplasm and the spreading excitation" by D N Nasonov. Reviewed by A S Troshin, V P Troshina Izv AN SSSR Ser biol no 2:317-319 Mr-Ap '60

Review of D. N. Nasonov's "Local protoplasm reaction and spreading excitation." V N Chernigovskii. Biofizika 5 no 1 105-106 '60.

PROTOZOA

Selective feeding of Protozoa on soil bacteria V F Nikoliuk, A A Zhvachkina Izv AN Uz SSR Ser biol nauk no 1 63-66 '57

PROTOZOA, PATHOGENIC see subdivision under Kanev region

PROVERBS

People speak of God. Nauka i rel. no. 3:61 Mr '60.

PROVERBS, RUSSIAN

You judge a man by his deeds A. P Prusakov. Zdorov'e 6 no 5 20 My '60

PROZOROVSKII, VIKTOR IL'ICH

Decree of the Presidium of the Supreme Soviet of the R. S F. S. R. on conferring the honorary title of Honored Scientist of the R. S F. S R. on V. I. Prozorovskii Sud.-med. ekspert. 2 no 2:60 Ap-Je '59.

PSEUDARTHROSIS

Modification of osteosynthesis in the treatment of a false joint of the femoral neck. S E. Kashkarov Trudy Len. gos. nauch.-issl. inst travm. i ortop. no 7:99-101 '58.

PSEUDOECGONINE

Investigations in the synthesis of isomeric cocaines Part 6 Synthesis of methyl esters of 3β-tropanol-2α-carboxylic acid, pseudoecgonine, and 3β-tropanol-2β-carboxylic acid, ecgonine G I Bazilevskaia and others Zhur ob khim 30 no 6 2088-2091 Je '60

PSEUDOIONONE

Mechanism of the cyclization of pseudoionone A V Semenovskii, V. A Smit, V. F Kucherov Dokl AN SSSR 132 no 5 1107-1110 Je '60

PSEUDORABIES see subdivision under Ukraine

PSKEM VALLEY—THAWING

Aerial photographic surveying of the snow cover in the mountainous basin of the Pskem River and problems concerning runoff resulting from snow waters D P Chernogorov Trudy Sred.-Az. nauch.-issl. gidrometeor inst no 2 256-268 '59

PSKOV PROVINCE—COLLECTIVE FARMS—ACCOUNTING

An important matter. Z. S. Paniukova. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:21-25 Je '60.

PSORIASIS

Penicillin therapy in psoriatic exfoliative erythrodermia. V I. Filipchik, E L. Blonshtein. Kaz med zhur. 41 no. 1 119 Ja-F '60.

Psoriasis A A Studnitsyn Nauka i zhizn' 27 no 3 79 Mr '60

Skin respiration in patients with psoriasis N M Petrun', Z A Kornienko Vrach delo no 4 397-399 Ap '60

PSYCHIATRISTS

"Psychiatrists" [in German] by Kurt Kolle. Reviewed by E. Shternberg. Zhur. nevr. i psikh. 60 no. 1 119-120 '60.

PSYCHIATRY see subdivision under Albania

PSYCHIATRY, FORENSIC see Forensic psychiatry

PSYCHOLOGICAL RESEARCH see subdivision under Ukraine

PSYCHOLOGICAL SOCIETIES

In the Psychological Society. Vop. psikhol. 6 no. 1:187 Ja-F '60.

PSYCHOLOGY

Aptitudes and needs V N. Miasishchev Uch. zap. LGU no 287:3-19 '60

"Scientific records of the Institute of Psychology of the Ukrainian S. S. R." Vol. 1-9, Kiev 1949-1959. Reviewed by A. V. Zaporozhets, V. P. Zinchenko. Vop. psikhol 6 no. 1:165-172 Ja-F '60

Some problems in the investigation of the problem of needs F. S Kuz'min. Uch zap. LGU no 287:74-85 '60

PSYCHOLOGY—PHILOSOPHY

Budilova, E. A. [Struggle of materialism and idealism in Russian psychological science in the second half of the 19th and the beginning of the 20th century] Bor'ba materializma i idealizma v russkoi psikhologicheskoi nauke, vtoraia polovina XIX - nachalo XX v Moskva, Izd-vo Akad. nauk SSSR, 1960 344 p.

PSYCHOSES

Significance of drug-induced and experimental psychoses for the understanding of some general problems in psychiatry [with summary in French]. V. M. Banshchikov, G. V. Stoliarov Zhur nevr. i psikh 60 no 1: 77-84 '60.

Variant of syphilitic psychoses with "paralytic" liquor and their diagnosis. N. I. Garkavi. Probl. sud. psikh. 8:573-588 '59.

PSYCHOTHERAPY

Healing words. M. H Itkin Ukraina no 6 21-22 Mr '60.

Lebedinskii, M. S. [Studies in psychotherapy] Ocherki psikhoterapii. Moskva, Gos izd-vo med. lit-ry, 1959. 349 p.
(DNLM)

PTEROSAURIA

Homology between the digits of a pterosaur wing and the forelimbs of other reptiles [with summary in English]. V A. Tatarinov. Zool. zhur. 39 no. 2 278-281 F '60.

PUBLIC BATHS see Baths, Public

PUBLIC BUILDINGS

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Public buildings, scientific reports] Obshchestvennye zdaniia, sbornik nauchnykh soobshchenii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam.
No. 1. 1960. 98 p.

Efficient construction elements of public buildings for mass construction. S. M Zhak Izv ASiA no 3:99-120 '59

PUBLIC HEALTH

(see also subdivision under Beltsy, Borisov, Caucasus; Kazakhstan, Kursk Province, Moldavia; Moscow; Ossetia, Poland; Tashkent; Tula Province, Ukraine; Uzbekistan, Yamal-Nenets National Area)

Achievements of the national public health system Zdrav. Belor 6 no 2 78 F '60

Brief news and information Gig. i san. 25 no. 2:117-118 F '60.

Health week. N. Kisilenko. Prom. koop. 14 no. 3:37 Mr '60.

Ideas and precepts of Lenin in the formation of the Soviet public health system K F Duplenko Vrach delo no 4 337-343 Ap '60

[illegible]

HEALTH, INTERNATIONAL COOPERATION

[illegible]

HEALTH, RURAL

[illegible]

third effector mechanism of the depressor reaction arising in excitation of the receptors of the lesser pulmonary circulation. A.I. Khomazyuk. Mat. po probl. [illegible] no.2 [illegible] '59.

PULMONATA, FOSSIL. See subdivision under Hungary, Fossil.

PULSE

[illegible]

PULSE TECHNIQUES (ELECTRONICS)

[illegible]

PUMPING MACHINERY

[illegible]

PUMPING MACHINERY – VIBRATION

Forced quasi-harmonic vibrations of piston pump valves. Izv. vys. ucheb. zav.; energ. 3 no.6:146-153 Je '60.

PUMPING MACHINERY, ELECTRIC

Electromagnetic phenomena in flat induction pumps for liquid metals. N.M. Okhremenko. Elektrichestvo no.3: 48-55 Mr '60.

Foreign practice in manufacturing the equipment for [illegible] water supply. D.M. Khokhlovkin. Vod. i san. tekh. no.3:37-40 Mr '60.

PUMPING STATIONS

Determining the number of branches and the economic diameter of pressure conduits of a pumping station. M.L. Frolov. Nauch. zap. MIIVKH 20:255-261 '58.

Florinskii, M.M. [Pumps and pumping stations] Nasosy i nasosnye stantsii. Izd.3. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 368 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

(DA)

Liquid [illegible] for vacuum removal in siphons of elevated distribution reservoirs. A.V. Podlinov. Gidr. i mel. 12 no.3:[illegible] Mr '60.

Water outlet structures in pumping stations of drainage systems. A.A. Tret'iakov. Nauch. zap. MIIVKH 20:351 '58.

PUNCHED CARD SYSTEMS – LIBRARIES. See subdivision under Budapest

PUNCHES

The use of an axisymmetric annular punch on an elastic base and on elastic [illegible]. V.[illegible] [illegible] Mekh. i mashinostr. no.[illegible] [illegible] '60.

PUNISHMENT

Application of corrective labor without imprisonment. [illegible] Sov. iust. no.[illegible] '60.

New decision of the Supreme Court of the U.S.S.R. on strengthening the ties between legal organs and the community. [illegible] Sov. gos. i pravo no.6:105-110 Je '60.

PUPIL (EYE)

Methods of measuring the diameter of the pupil. [illegible] V.M. Vodovozov. [illegible] no.6 [illegible]

PUPPETS AND PUPPET PLAYS

(See also subdivision under Leningrad, theater)

[illegible], [illegible] [Rooster, a collection of plays for puppet theaters] [illegible] [Leningrad, Iskusstvo, 1959] 201 p.

(DLC)

[illegible] [Puppet city, plays for puppet theaters] [illegible] Leningrad, [illegible] 1960. 110 p.

(DLC)

PURIFICATION OF WATER. See Water – Purification

PURINES

[illegible] for the quantitative determination of [illegible] preparation and in caprolactin. [illegible] Ap '60.

PUS. See Suppuration

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

[illegible] [illegible] V.I. Duratov. [illegible] '60.

PYATIGORSK – RUG AND CARPET INDUSTRY

Preserving the name of [illegible] Promyshl. [illegible] Ap '60.

PYLORIC STENOSIS

[illegible] [illegible] '60.

PYLORUS – WOUNDS AND INJURIES

[illegible] of the pylorus of the stomach [illegible] [illegible] Mr '60.

PYRAZOLIDINEDIONE

[illegible] following the use of butadione. [illegible] [illegible] '60.

PYRAZOLINE

[illegible] titration of some elements by the sodium salt of [illegible] 1-methyl-5-phenyl pyrazoline containing sulfur [illegible] A.I. Busev, V.M. [illegible] Izv. vys. ucheb. zav.; khim. i khim. tekh. [illegible] '60.

Syntheses of some Δ^2 pyrazoline derivatives. [illegible] K.N. Kosyakina, [illegible] A. Andreevichev. Zhur. ob. khim. [illegible] '60.

PYRENEES – CAVE DRAWINGS

The earliest artist on earth. Vokrug sveta no.3:[illegible] Mr '60.

PYRIDINE

(see also subdivision under Kuznetsk)

Δ^1-Piperideines. IU. A. Berlin, A. N. Kost. Usp khim 29 no. 2:220-233 F '60

Polynuclear heterocyclic compounds. Part 3. Acenaphthenone-1-spiro-(2·4')-2',3',6'5'(CO)-dibenzoylenedihydropyridine. G. IA. Vanag, G. IA. Dubur. Zhur. ob. khim. 30 no. 6:1898-1904 Je '60

Synthesis and study of high molecular weight tertiary amines and quaternary ammonium compounds based on the copolymers of 2-methyl-5-vinylpyridine with various "cross-linking" agents [with summary in English]. A. B. Davankov, L. B. Zubakova. Vysokom soed. 2 no 6,881-890 Je '60

Thermochemical determination of the heats of combustion of 2-ethyl- and 2-vinylpyridines. A. A Balandin and others. Izv. AN SSSR Otd. khim. nauk no. 5:784-786 My '60

Triple copolymers of butadiene, acrylonitrile, and 2-methyl-5-vinylpyridine. P A. Vinogrodov, N. G Arsen'eva, K. E. Gavshinova. Kauch. i rez 19 no. 3 5-9 Mr '60.

PYRIDINE BASES

Brief reports. Zav. lab. 26 no. 4,430 '60.

Cryoscopic analysis of pyridine bases. E. M. Gepshtein. Koks i khim. no. 3 53-56 '60.

PYRIMIDINEMETHANOL

Convulsive and lethal action of vitamin B_6 antagonists - toxopyrimidine and isonicotinyl hydrazide [with summary in English] IU. V. Bukin. Ukr. biokhim. zhur. 32 no. 1 67-76 '60.

PYRITES

(see also subdivision under Altai Mountains, Transbaikalia, Ural Mountains, Urup region)

Complete utilization of pyrite cinders. L. A. Petrov. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 3:22-27 My-Je '60.

Conferences on the full utilization of pyrite cinders. Stroi mat. 6 no 2 38 F '60

PYROLUSITE

Manganese pyrolusite as a paraffin oxidation catalyst. B. N Tiutiunnikov, A A Perchenko. Khim. i tekh. topl i masel 5 no 4:14-19 Ap '60.

PYROLYSIS

Pyrolysis of pulverised lignite form the southern Urals. V. G. Kashirskii. Izv. AN SSSR. Otd. tekh nauk. Met. i topl. no. 3;140-143 My-Je '60.

PYROLYSIS—EQUIPMENT AND SUPPLIES

The UPE-1-58 unit for producing gas by electric pyrolysis. D. M Ofitserov. Biul. tekh.-ekon. inform. no. 3:7-9 '60.

PYROMETRY

Photoelectric method and testing equipment for the determination of the radiating properties of liquid metals. D IA. Svet, O N. Talenskii. Trudy Inst met no 5 183-188 '60

PYROXENES

Intensified cooling of cast diopside products. A. I. Rabukhin, V. V. Chernyshev. Silikaty no 2·92-98 '59.

PYRROLE

Studies in the series of isoxazole compounds. Part 3. Synthesis of some isoxazolylazoles. S V Sokolov, I. IA. Postovskii. Zhur ob khim 30 no 6 1781-1787 Je '60.

PYRUVIC ACID

Active acidity and content of pyruvic acid in the saliva of patients with paradentosis. N. A. Sychev and others. Probl. stom. 4,89-92 '58.

Vitamin B_1 metabolism and pyruvic acid in acute dysentery under the climatic conditions of the city of Tashkent. A. G. Khalilov. Med. zhur. Uzb. no. 8/9:28-35 Ag-S '58

Q FEVER

Experimental infection of foxes (Vulpes vulpes) and wood mice (Apodemus flavicollus) with the causative agent of Q fever. F. Rehn [from Cesk. Epid., Mikrob, Imunol, 1958, 7, 5, 317-320] Zhur mikrobiol. epid i immun 31 no. 2:153-154 F '60.

Experimental mixed infection; Q fever and brucellosis. Report No. 2. Pathomorphology of mixed infection [with summary in English] Z. D. Khakhina and others. Zhur. mikrobiol. epid. i immun 31 no. 2:77-82 F '60.

Incomplete antibodies in patients with Q fever and in persons who have recovered from it. R Lutynski, M. Dolezal [from "Med. dosw. microb." 1957, 9, 289-292]. Zhur. mikrobiol epid. i immun. 31 no. 2·153 F '60.

QUADRATIC FORMS see Forms, Quadratic

QUALITY CONTROL

Dependability of parts is the basic index of their quality. IA. Sorin. NTO 2 no. 4:40-42 Ap '60.

Spoilage is our enemy. Prom. koop. 14 no. 4·12 Ap '60

QUANTUM THEORY

Transition of quantum into classical mechanics in the multidimensional case. V. P. Maslov. Usp. mat. nauk 15 no. 1·212-219 Ja-F '60.

QUARRIES AND QUARRYING

Gor'kov, A. V., and IU I. Chick [Reconstruction of quarries supplying building materials to the Stalingrad Hydroelectric Power Station] Rekonstruktsiia kar'ernogo khoziaistva dlia stroitel'stva Stalingradskoi GES. Moskva, Gidroproekt, 1959 [Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

Immediate objectives in developing and increasing technical standards of the rock-products industry. P S Neporozhnii, S F Sukhotskii. Stroi mat 6 no 6 2-5 Je '60

QUARRIES AND QUARRYING—EQUIPMENT AND SUPPLIES

New SM-543 benching machine. A V Starchikov. Mekh stroi 17 no 6 25-26 Je '60

New stonecutting units for working high terraces. V P. Gokhshtein, I R Sitnitskii. Stroi i dor mashinostr 5 no 3 7-10 Mr '60

Over-all mechanization of quarries along highways. I IA. Kolcker, M. I. Veitsman. Avt dor 23 no 3·5-6 Mr '60

QUARRIES AND QUARRYING—SAFETY MEASURES

Putting an end to accidents in the Livenskii Quarry. A. V. Starchikov, P. E. Suliaev. Bezop. truda v prom. 4 no. 3·29-30 '60.

QUARTZ

Effect of the structure of the melt on tridymite formation in quartz. M F. Nazarenko. Vest. AN Kazakh. SSR 16 no 3,59-72 Mr '60.

Interaction of quartz with lime at high temperatures and pressures. S. M. Roiak, A. M. Dmitriev. Stroi. mat. 6 no. 4·30-34 Ap '60.

QUASIMODO SALVATORE, 1901-

Verse of recent years. Salvatore Quasimodo. Foreword by Vera Inber. Inostr. lit. no. 1 77-78 Ja '60.

QUEEN MAUD LAND—GEOLOGY, STRUCTURAL

Geological investigations carried out by the Fourth Continental Expedition in the Queen Maud Land. M. G. Ravich. Inform. biul Sov. antark eksp. no. 12:10-13 '59.

QUINACRINE

Improved synthesis of aminoacriquine. N. N. Dykhanov, G. A. Grolach, V. P. Sergovskaia. Med. prom. 14 no. 6· 22-26 Je '60.

QUINALDINIUM COMPOUNDS

Microcrystalloscopic detection of the ferricyanide ion by means of 4-hydroxyquinaldinium chloroethylate. A. S. Babenko, Z. IA Krainer. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1;62-65 '60.

QUINIDINE

Febrile and allergic reaction to quinidine in the treatment for auricular fibrillation [with summary in English]. V. F Radzivil. Vrach delo no. 3,235-238 Mr '60

Treatment of cardiac fibrillation with quinidine. V. F. Radzivil. Mat. po obm. nauch inform. no. 2·121-133 '58.

QUININE

Noproquin therapy in experimental extrasystole. G. S. Gvishiani, T. A Gedevanishvili. Soob. AN Gruz SSR 23 no 5 601-606 N '59.

QUINOLINE

Comparing the activities of some industrial catalysts in the hydrofining of shale tar and in the reduction of quinoline. Chiang Ping-nan, Wei Shih-p'ing, Chou Feng-leng. Trudy Vost.-Sib. fil. AN SSSR no. 26 128-134 '59.

QUINOLINOL

Complex formation between the uranyl ion and 8-hydroxyquinoline. M. P. Pavlovskaia, I. M. Reibel'. Zhur. neorg. khim. 5 no. 2;393-305 F '60.

QUINUCLIDINE

Chemistry of quinuclidine derivatives. M. V. Rubtsov, E. E. Mikhlina, L. N. IAkhontov. Usp. khim. 29 no. 1:74-105 Ja '60.

RABBITS

Dmitrieva, N. K. [Rabbit breeder's manual] V pomoshch' krolikovodu. [Riazan'?] Riazanskoe knizhnoe izd-vo, 1959. 79 p.
(DA)

Effect of a growth substance derived from petroleum in increasing live weight in rabbits and sheep [in Azerbaijani with summary in Russian]. M. A. Akhundov, A. A. Gashimov, L. G Gashimova. Uch. zap. AGU. Biol. ser. no. 2:17-22 '59.

Effect of surface active agents on increasing the live weight of rabbits [in Azerbaijani with summary in Russian]. IU. G. Mamedaliev and others. Uch. zap. AGU Fiz.-mat. i khim. ser. no. 1:85-88 '59.

Manganese content of the blood, organs, and tissues of rabbits at different physiological stages. V A Liaonau, II H. Hatsko. Vestsi AN BSSR Ser biial. nav no. 1: 73-77 '60

RABIES

First antirabies stations in Russia. K. Z. Levtova. Fel'd i akush. 25 no 3;33-36 Mr '60.

Rabies infection without a bite. E. V. Nemolovskaia. Med. zhur. Uzb. no. 5:62 My '58.

RABINOWITZ, SHALOM, 1859-1916

Serebrianyi, I. A. [Sholem Aleichem and the creative work of the people] Sholom-Aleikhem i narodnoe tvorchestvo. Moskva, Sovetskii pisatel', 1959. 215 p.
(CU)

RACE

On age dynamics of race characteristics in adults. G. L Khit'. Trudy Inst ent. 50:42-83 '60

On the problem of age changes in racial characteristics of man during the prenatal period and childhood. IA. IA. Roginskii. Trudy Inst. ent 50:3-28 '60.

Racism is antiscientific. Hilaire Cuny. V zashch. mira no 2 46-54 F '60

RACE DISCRIMINATION

(see also subdivision under South Africa, Union of)

The British Commonwealth of Nations and racism. S. Madzoevskii. Mezhdunar. zhizn' 7 no 6,117-119 Je '60

RADAR

Radar measurements of the thickness of ice layers. M. A. Gintsburg. Izv. AN SSSR. Ser. geofiz. no. 6·872-874 Je '60.

RADAR IN ASTRONOMY

Duration distribution of meteor radio echoes. Part 2. Reflection from unstable trails [with summary in English]. E. I. Fialko. Astron. zhur. 37 no. 3,526-529 My-Je '60.

Radar observations of meteors foreseen in the program of the International Geophysical Year. B. L. Kashcheev. Issl ionosf. i met. no. 2,40-53 '60.

Relationship between the time of registration of meteor reflections and the radar system parameters [with summary in English]. F. I. Peregudov. Astron. zhur. 37 no. 3:530-535 My-Je '60.

RADAR IN NAVIGATION

Kamanin, V. I. [Use of radar in navigation] Ispol'zovanie radiolokatsii dlia korablevozhdeniia. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 126 p.

Shipboard radar installations. A Serogodskii. Voen znan 36 no 6 15-16 Je '60

RADAR METEOROLOGY

Optimum wave length for radar detection of clouds and precipitation. E. M. Sal'man. Trudy GGO no. 102;94-103 '60.

Radar characteristics of showers and thunderstorms. N. F. Kotov. Trudy GGO no. 102 63-93 '60.

Radar investigation of auroras by simultaneous use of 73 and 50 megacycle frequencies. V. I. Dovger. Probl. Arkt. i Antarkt. no. 2,119-122 '60.

RADDEAMINE

Polarographic examination of raddeanine, raddeamine, and alvanine. E. Kh Timbekov, R. Sh IAmatova, A S Sadykov. Zhur. prikl khim 33 no. 3 751-752 Mr '60.

RADDEANINE

Polarographic examination of raddeanine, raddeamine, and alvanine. E Kh. Timbekov, R Sh IAmatova, A. S Sadykov. Zhur. prikl. khim 33 no. 3 751-752 Mr '60.

RADIANT HEATING

Experimental study of the effectiveness of panel heating in sections of industrial enterprises. L. I. Goretskii, V. E Trigoni. Vod i san. tekh. no. 4 8-10 Ap '60.

RADIATION

A black large-aperture radiator. A. M. Brounshtein. Trudy GGO no. 100;93-104 '60.

Excitation energy transfer and sensitization of chemical reactions during the radiolysis of organic disulfide solutions. V. A. Krongauz, Kh. S. Bagdasarian. Dokl. AN SSSR 132 no. 5,1136-1139 Je '60.

Long-wave radiation balance of the underlying surface according to observations made in Karadag. E. P. Barashkova. Trudy GGO no. 100:141-153 '60.

Nuclear radiation in the food industry and in agriculture. L. V. Metlitskii. Kons. i ov. prom. 15 no. 7:19-22 Jl '60.

Polymerization of ethylene by means of γ-radiation [with summary in English]. S. S. Medvedev and others. Vysokom. soed. 2 no. 6:904-915 Je '60.

Radiolytic reduction of tetravalent cerium at dose rates up to 10^{23} eV/ml. sec. A. K. Pikaev, P. IA. Glazunov. Izv. AN SSSR Otd. khim. nauk no. 5:940-942 My '60.

Relationship between long-wave atmospheric radiation and meteorological elements. E. P. Barashkova. Trudy GGO no. 100;154-163 '60.

ATION DOSAGE

[illegible]escence dosimeters for γ radiation, β particles, [illegible], based on the phosphor $CaSO_4$ Mn. V. A. [illegible] and others. Atom. energ. 8 no.6:540 [illegible] Je '60.

[illegible] of the doses absorbed by an organism ex[illegible] to radon and its daughter products. I. B. [illegible]. 8 no.6:542-549 Je '60.

[illegible] between the "roentgen" and the energy of γ ra[illegible] falling on one square centimeter. I. P. Kraplov, [illegible] Iz. vys. ucheb. zav.; fiz. [illegible] '59.

ATION MEASUREMENT

Investigating the long wave radiation of the atmosphere. V.I. Gavrskii. Trudy GGO no.100:86-93 '60.

ATION—PHYSIOLOGICAL EFFECT

[illegible] problems dealing with the effect of ionizing [illegible] on the animal organism. I. P. Pobrebniak. Vestn. AN SSSR 30 no.8:67-68 Ag '60.

[illegible] in animals. [illegible] Vest. Mosk. [illegible] geol. [illegible]

[illegible] among Bulgarian medical [illegible]

[illegible] changes in the sulfhydryl groups of [illegible] effect of radiation energy [with summary in English]. M. A. [illegible] '60.

[illegible] Rentgenologiia 19 no.26:20-31 Je '60.

ATION PROTECTION

[illegible]

[illegible] states of biological objects [illegible] Vest. AN SSSR [illegible] 1440-1441 [illegible]

[illegible]

[illegible] Vest. [illegible] 27 no.1:51-54 [illegible]

[illegible] Ap '60.

[illegible]

[illegible] against [illegible] Je '60.

ATION SICKNESS

[illegible]

[illegible]

[illegible]

ATION STERILIZATION

[illegible] 1959 [illegible] no.3:42-51 Mr '60.

ATORS

[illegible] Je '60.

ICALS (CHEMISTRY)

[illegible]

[illegible]

RADIO

(see also subdivision under Leningrad. Moscow. Ukraine)

Bogatov, G. B. [Electrodynamics and its possible [illegible]] Elektrodinamika [illegible] Moskva, Gos. energ. izd-vo, 1960 [illegible] p. (Massovaia radio biblioteka, no. 384)

Created by radio engineering. A. I. Berg. Ogonek 38 no.10:2? My '60.

Done by members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. V. Gorbunov. Radio no.1:10 Mr '60.

Foreign patents. Elektrosviaz' 14 no.3:74-76 Mr '60.

Interest in radio should be awakened in women on a larger scale. I. Borisova. Radio no.3:8-9 Mr '60.

Is that true that we have a radiotelescope which will pick up the image of the sun? A. Mikhailov. Otv. na vop. [illegible] no.111:52-54 '60.

Lenin and radio. Radiotekhnika 15 no.4:1-7 Ap '60.

Lenin's decree on the production of radios. V. Shamshur. Radio no.3:3-6 Mr '60.

Powerful means of education, for Radio Day. Agitator no.8:42-44 Ap '60.

Radio antenna of the first atomic plant. M. Zorulin. Radio no.3:11-12 Mr '60.

[Radio engineering abroad.] Zarubezhnaia radioelektronika 15 nos.4-5 '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po radioveshchaniiu i televideniiu. [Radio and television in the U.S.S.R.] Radio i televidenie v SSSR. Moskva, 1960. 101 p.

[Special physics practicum] Spetsial'nyi fizicheskii praktikum. [Moskva] Izd-vo Mosk. univ.
Vol. 1. [Radio physics and electronics] Radiofizika i elektronika. Sost. pod red. G. V. Spivaka. 1960. 180 p.

Suggestions of readers. Radio no.3:53 Mr '60.

Through the pages of foreign magazines. Radio no.3:61-63 Mr '60.

What are your opinions, comrade radio amateurs? Sh. Babichev. Radio no.3:16 Mr '60.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES

Amateur radio exhibition in Khar'kov. L. I. Miloslavskii. Iz. vys. ucheb. zav.; radiotekh. 2 no.6:754-755 N-D '59.

RADIO—EQUIPMENT AND SUPPLIES

Melnikov, B. Z., and L. S. Rosalianskii. [Technology of the manufacture of components and units for radio sets] Tekhnologiia izgotovleniia detalei i uzlov radioapparatury. Moskva, Gos. energ. izd-vo, 1960. 431 p.

RADIO—INTERFERENCE

Signal reception with tropospheric scattering and multipath interference. [illegible] B. B. Krasnovskii. Iz. vys. ucheb. zav.; radiotekh. 2 no.6:684-690 N-D '59.

Suppression of radio noise from the inverter installations of [illegible]. M. Abramson. Vest. elektroprom. 31 no.3:69-70 Mr '60.

RADIO—RECEIVERS AND RECEPTION

Bolshov, V. M., and [illegible] M. [illegible]. [Simple designs for the beginning radio amateur] Prostye konstruktsii dlia nachinaiushchego radioliubitelia. Moskva, Gos. energ. izd-vo, 1959. 61 p. (Massovaia radiobiblioteka, no.340)

[illegible] of the high frequency channel of the [illegible] Radio no.3:26-27 Mr '60.

Effect of the reactive components of the mixer on the selectivity at the intermediate frequency. V. M. Dneprovskii. Radiotekhnika 15 no.4:61-72 Ap '60.

[illegible] channel [illegible] Radio no.3:24-25 Mr '60.

[illegible] Radio no.3:28-31 Mr '60.

RADIO—STUDY AND TEACHING

[illegible] in students. P. M. Trifonov. Vest. sviazi 20 no.7:38-41 Jl '60.

RADIO, SHORTWAVE

New [illegible] new requirements. [illegible] Radio no.3:15 Mr '60.

[illegible] placed under public control. [illegible] Radio no.3:15 Mr '60.

Through the pages of foreign radio magazines. Radio no.3:58 Mr '60.

RADIO, SHORTWAVE—AMATEURS' MANUALS

Borisoglebskii, P. L., and N. V. Kazanskii, comps. [Concise handbook for shortwave radio amateurs] Kratkii spravochnik radioliubitelia-korotkovolnovika. Moskva, Izd-vo DOSAAF, 1959. 63 p.

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

[illegible] receiver. I. Koligov. Radio no.3:30-32 Mr '60.

Redesigning a pocket transmitter-receiver and its microwave attachment for a new frequency band of 28 to 30 mc. I. Kaprilianovich. Ifn. tekh. 4 no.2:59 F '60.

Transmitter-receiver radio set with automatic call signal. I. Kaprilianovich. Ifn. tekh. 4 no.2:50-57 F '60.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Transmitter for a beginner shortwave radio amateur. I. [illegible] Radio no.3:35-36 Mr '60.

RADIO AMPLIFIERS

Voltage amplification by the use of Hall elements. V. V. Kobzev. Elektrosviaz' 14 no.3:10-16 Mr '60.

RADIO AND MUSIC

(see also subdivision under France)

Kyo-No and Chit-Nyo. L. Kreikel'. Sov. muz. 24 no.1:117 Mr '60.

RADIO ASTRONOMY

Detection of the radio absorption line of the CH interstellar molecules [with summary in English]. G. E. Bruggan. Astron. zhur. 37 no.3:581-586 My-Je '60.

Maximum of galactic thermal radio emission at $l = 35.5°$, $b = 0°$ [with summary in English]. V. I. Pronik. Astron. zhur. 37 no.3:436-438 My-Je '60.

Nature of the Sagittarius A radio source. I. S. Shklovskii. Astron. zhur. 37 no.3:580-582 My-Je '60.

Structure of electronic inhomogeneities in the outer corona of the sun. V. V. Vitkevich, B. N. Panovkin, A. G. Sukhovei. Iz. vys. ucheb. zav.; radiofiz. 2 no.6:1005-1007 '59.

RADIO BEACONS see subdivision under Arctic regions

RADIO CLUBS

(see also subdivision under Alma-Ata Province, Ryazan Province)

Federation of Soviet radio amateurs. Radio no.3:7 Mr '60.

Study of Lenin's heritage. L. K. Gokhberg. Vest. sviazi 20 no.3:30 Mr '60.

RADIO DETECTORS

Fedorinov, L. M., and I. Sh. Leshchinskii. [Crystal mixing detectors] Kristallicheskie smesitel'nye detektory. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 61 p. (Radiolokatsionnaia tekhnika)

RADIO DIRECTION FINDERS see subdivision under Arctic regions

RADIO IN EDUCATION

Questions and answers. Kul't.-prosv. rab. 21 no.3:66-67 [illegible] '60.

The radio newspaper in elementary schools. S. P. Ukh'-[illegible]. Nach. shkola 28 no.2:50-60 [illegible] '60.

RADIO IN NAVIGATION

Radio saves lives. L. Borisova. Sem'ia i shkola 15 no.2:40 [illegible] '60.

RADIO IN PROPAGANDA

Powerful means for spreading party propaganda. Radio no.3:1-3 Mr '60.

RADIO INDUSTRY

(see also subdivision under Minsk)

Krysin, A. M., and I. Z. Naumov. [Machine work connected with radio testing in the radio industry] Slesarno-sborochnye raboty v radiotekhnicheskoi promyshlennosti. Moskva, Gos. energ. izd-vo, 1960. 301 p.

RADIO LINES

Hybrid connections on surface wave lines. D. I. Mirovitskii, G. G. Valeev. Radiotekh. i elektron. 5 no.7:1170-1182 Jl '60.

Selecting the characteristic impedance of r-f cables. G. P. Belokhovskii. Vest. elektroprom. 31 no.3:60-71 Mr '60.

Synthesis of matching transmission line sections. N. M. [illegible]. Iz. vys. ucheb. zav.; radiotekh. 2 no.6:691-[illegible] N-D '59.

RADIO MEASUREMENTS

(see also subdivision under Germany, East)

Radiogeodetic tying in of detailed aeromagnetic surveys. A. M. Lozinskii, I. I. Mindlin. Prikl. geofiz. no.24: [illegible]-221 '60.

Receiving system for measuring statistical characteristics of signals in tropospheric propagation of radio waves. I. T. Bentrov, M. G. Golubtsov, I. S. Tiufiakin. Radiotekh. i elektron. 5 no.7:1065-1071 Jl '60.

RADIO WAVES—PHYSIOLOGICAL EFFECT

Radiosensitivity and embryogenesis of Ascaris summ eggs. I. D. Vinogradova. Biofizika 5 no 1 55-59 '60

RADIOACTIVE FALLOUT

Accumulation of fission products in different crops as related to soil properties [with summary in English]. I. V. Guliakin, E. V. IUdintseva. Izv TSKhA no 6:19-39 '59.

Air pollution by radioactive substances V P Oreshko, I V Novikov Gig i san 25 no 2 64-70 F '60

RADIOACTIVE SUBSTANCES

Application of radioactive isotopes to the study of oxide cathode processes and other problems of cathode electronics. G N Shuppe, V. P. Vasil'ev Radiotekh. i elektron. 5 no. 7:1135-1144 Jl '60

Handling of radioactive substances Sov. krim na sluzh. sled. no. 12 155-158 '59.

Some geochemical characteristics of radioactive rare-earth minerals [with summary in English]. D. A. Mineev. Geokhimiia no 2 131-138 '60

RADIOACTIVE SUBSTANCES—ANALYSIS

Radioactive elements in reservoir waters of Azerbaijan oil fields. A. N. Huriev, G. Kh. Efendiev. Azerb khim zhur no 1:35-43 '59.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Devices for safe core sampling by radioactive methods. D. M. Srebrodol'skii, A. A. Korzhev. Bezop. truda v prom. 4 no. 3 18-19 '60.

RADIOACTIVE SUBSTANCES—SPECTRA

Investigating mixtures of radioactive elements with threshold spectrometers. R. M. Kogan, Sh. D. Fridman. Izv. AN SSSR. Ser. geofiz. no. 6:809-817 Je '60

RADIOACTIVE SUBSTANCES—TOXICOLOGY

Akademiia meditsinskikh nauk SSSR, Moscow. Institut gigieny truda i profzabolevanii. [Materials on the toxicology of radioactive substances] Materialy po toksikologii radioaktivnykh veshchestv. Pod red. A. A. Letaveta i E. B Kurliandskoi. Moskva, Gos. izd-vo med. lit-ry.
No. 2. [Radioactive cobalt, sodium, phosphorus, gold] Radioaktivnye kobal't, natrii, fosfor, zoloto. 1960. 169 p.

RADIOACTIVE TRACERS

Autoradiography of soil profiles in studying phosphate translocation in soils R Kh Aidiman Dokl AN SSSR 132 no 6 1413-1415 Je '60

Preface. M. N. Shchukina Khim i med no. 11:3-5 '59.

Problems of the emulsion polymerization of styrene with the use of tagged atoms. M. M. Grudinina, E M. Aleksandrova Izv. vys ucheb. zav. ; khim. i khim tekh. 3 no. 1 176-178 '60.

State of the problem of the use of radioactive indicators in studying percolating flows O. N Nosova, Izv VNIIG 61 133-143 '59

Studying the distribution of anthrax vaccines in the organism by means of radioactive tracers. M. M. Agababian. Izv. AN Arm. SSR. Biol. nauki 12 no. 12: 62-72 D '59.

RADIOACTIVE WASTE DISPOSAL

Data on the deactivation of municipal sewage at biological treatment stations, preliminary report [with summary in English] L B Dolivo-Dobrovol'skii IU P Konstantinov, R V Muzykantov Gig i san 25 no 2 15-18 F '60

Methods for removing radioactive iodine from sewage of medical institutions [with summary in English] T A. Berezina, V IA. Golikov. Gig i san 25 no. 2 12-14 F '60

RADIOACTIVITY

Determination of the concentration of radioactive aerosols by the aspiration method Z V Dubrovina, V I Katsapov Gig i san 25 no 2 44-48 F '60

Radioactivity of the air and its relationship with meteorological conditions in the El'brus region. T. P. Amineva. Izv. AN SSSR Ser. geofiz. no. 6:898-902 Je '60

Study of the natural radioactivity of the air. I. I. Gusarov Gig i san 25 no 2 86-88 F '60

RADIOACTIVITY—MEASUREMENT

Method for determining the radioactivity of aerosols in the air by the aspiration method. M A. Gluzman. Gig i san. 25 no 2 79-83 F '60

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Biochemistry of radiation injury. P. V. Afanas'ev, V. G. IAkovlev, I. S. Denisova. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:65-75 '59.

Blastomogenic action of radioactive substances, experimental data V A Sanotskii Usp zhiz i zdorov 1 no 5 5-7 '59

Facts for all occasions: Ant venom; Snails as a Geiger counters. IUn. tekh. 4 no. 2:29 F '60.

Natural radioactivity and leukemia. V. A. Leonov. Dokl. AN BSSR 4 no. 2:86-88 F '60.

RADIOACTIVITY—SAFETY MEASURES—BIBLIOGRAPHY see Bibliography—Radioactivity—Safety measures

RADIOAUTOGRAPHY see Autoradiography

RADIOBROADCASTING

(see also subdivision under Kiev)

For further development and improvement in the means of radiobroadcasting and television Vest sviazi 20 no 3 1-3 Mr '60

Radiobroadcasting and television technology should be improved Radio no 3 14 Mr '60.

Voice of our land Ogonek 38 no. 11:14 Mr '60.

RADIOCARBON DATING—CONGRESSES

International symposium on C^{14}. A. L. Devirts, M. S. Chupakhin. Geokhimiia no. 1:79 '60.

RADIOCHEMISTRY

Moscow. Universitet. [Radiochemistry; collected works] Radiokhimiia; sbornik rabot. Pod red. V. I. Spitsyna. [Moskva] 1952. 358 p.

RADIOCHEMISTRY—INDUSTRIAL APPLICATIONS

Chief technological characteristics of units for carrying out radiochemical processes (particularly, the polymerization of ethylene) on an industrial scale. N. P. Syrkus, A. Kh. Breger, B. I. Vainshtein. Khim. prom. no. 8 647-652 D '59.

RADIOGRAPHY

Electron delayed-pulse oscillator for pulse radiography N A. Bekeshko Prib i tekh eksp no 1 67-68 Ja-F '60

TSimbal, O. L. [Rentgenological studies of newborn infants] Rentgenologicheskoe issledovanie novorozhdennykh. [Leningrad] Medgiz, 1959 274 p
(DNLM)

X-ray camera for producing radiograms of two samples at small angles. L. R. Nepomniashchii, V. I. Sushin, T. V. Trishkunova Zav. lab. 26 no. 4:198-199 '60.

X-ray equipment for high temperature X-ray photography. V. P. Ovcharov, T. I. Chuprinin, P. P Petrosian Zav. lab. 26 no. 1 195-196 '60.

RADIOISOTOPE LABORATORIES

Radioisotope laboratory at the Timiriazev Academy. V. V. Rachinskii, F. P. Platonov. Izv. TSKhA no. 6: 239-250 '59.

RADIOISOTOPES

Accumulation of chemical elements from aqueous solutions by fresh-water organisms Report No 3 Coefficients of different radioisotope accumulation by three species of aquatic plants [with summary in English] E A Timofeeva-Resovskaia, N A Timofeeva, N V Timofeev-Resovskii Biul MOIP Otd biol 64 no 5 117-131 S-O '59

The animal biology question at the Tashkent conference on the peaceful uses of atomic energy. IA Kh. Turakulov. Uzb. biol. zhur. no 1 68-71 '60.

Buy an atom! IU. Kotler. Sov. Soiuz no. 2:12-13 '60.

Coefficients of the accumulation of radioactive isotopes of 16 different elements by fresh-water organisms and the effect of the EDTA complexon on some of them N V Timofeev-Resovskii Dokl AN SSSR 132 no. 5 1191-1194 Je '60

Degree of equilibrium between short-lived decay products of radon in air L S Ruzer Atom energ 8 no 6: 557-559 Je '60

International Conference on the Peaceful Uses of Atomic Energy. 2d, Geneva, 1958. [Transactions] Trudy. Moskva, Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii.
Vol. 4. [Chemistry of radioelements and radiation transformations] Khimiia radioelementov i radiatsionnykh prevrashchenii. 1959.

(NN)

Use of radioisotopes in studying plant biology. N. N. Nazirov. Uzb. biol. zhur no. 1 66-68 '60

RADIOISOTOPES—INDUSTRIAL APPLICATION

Design and equipment of laboratories for testing engines by means of radioisotopes A Kh Eliava Avt prom no 3 34-37 Mr '60

Isotopes and agricultural machinery. A. Zaitsev. Tekh. v sel'khoz. 20 no. 2:65-69 F '60.

Studying scab formation in ingots with use of radioactive isotopes [summary in English] T M Saar, V A Nosov, I G. Bolkhovkikh Stal' 20 no 3 208-211 Mr '60

Use of α-rays from radioactive isotopes in instruments for controlling the dimensions of parts in grinding V. V. Kondashevskii and others Atom energ. 8 no 6:576-578 Je '60

RADIOLARIA, FOSSIL see subdivision under Caucasus, Northern

RADIOLOGY—CONGRESSES

Ninth International Congress on Radiology. D. G. Rokhlin. Vest rent. i rad. 35 no. 1:69-75 Ja-F '60.

RADIOLOGY, MEDICAL

Semashko, L. S. [Clinical radiography] Klinicheskaia rentgenografiia. Moskva, Gos. izd-vo med. lit-ry, 1959. 190 p.
(DNLM)

Shekhter, I. A., and A. S. Pavlov. [Course in medical roentgenology and radiology] Kurs meditsinskoi rentgenologii i radiologii. Moskva, Gos. izd-vo med. lit-ry, 1959. 349 p.

RADIOLOGY, MEDICAL—SAFETY MEASURES

Hygienic evaluation of rooms for therapeutic gamma-apparatus and of their installation in living areas. G I. Meleshko. Vrach. delo no. 1:73-76 '60

RADIOMETER

Angular characteristics of apparatus with flat filters. B. I. Guliaev. Trudy GGO no. 100 175-192 '60.

Compensating headpiece for radiometers with flat filters. B. I. Guliaev. Trudy GGO no. 100 193-198 '60.

Miniature radiometer equipped with an electric generator. B. Z. Votlokhin. Izm. tekh. no. 3:38-39 Mr '60.

RADIOTELESCOPE see Telescope, Radio

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

A book about A. N. Radishchev ("Biography of A. N. Radishchev written by his sons." Reviewed by M. A. Popov). Sov. pedag. 24 no. 3:147-148 Mr '60.

RADISHES

Increasing the yield of radishes and carrots by irradiating seeds with gamma and X rays before sowing. L. P. Breslavets and others. Biofizika 5 no. 1:81 '60.

RADIUM see subdivision under Black Sea

RADON—DECAY

Degree of equilibrium between short-lived decay products of radon in air L S Ruzer Atom energ. 8 no 6: 557-559 Je '60

RADON—ISOTOPES

Measurement of the doses absorbed by an organism exposed to radon and its daughter products L S Ruzer Atom energ. 8 no 6:542-548 Je '60.

RADON—PHYSIOLOGICAL EFFECT

Effect of small doses of radon on the body. K. D. Gelashvili. Soob. AN Gruz. SSR 23 no. 6:721-727 D '59.

RADOSZKOWSK, OKTAVII IVANOVICH, 1820-1905

O. I. Radoszkowsky's collection of hymenopterans. V. V. Popov. Ent. oboz. 39 no. 1:237-240 '60.

RADVANYI, NETTY (REILING), 1900-

Contemporary history and the novel. Inostr. lit. no. 1: 208-209 Ja '60.

RAEV, V. E.

Portrait of I A. Balashov by V. E. Raev. G. Komelova. Soob. Gos. Erm. no. 15.20-22 '59.

RAILROAD BRIDGES

Using industrial methods in constructing large bridges. E. A. Mamaeva. Transp. stroi. 10 no. 1:10-11 Ja '60.

RAILROAD CONSTRUCTION WORKERS

Methods for improving housing conditions of construction workers. E. G. Kotsen. Transp. stroi. 10 no. 1:5-6 Ja '60.

RAILROAD ENGINEERING

Books and manuals on railroad construction published in 1960. A. F. Vichorevin. Transp. stroi. 10 no. 1:61-62 Ja '60.

Foreword. K. G. Protasov. Sbor. LIIZHT no. 166:3-4 '59.

Further improvement in construction and alteration operations on railroads. B. I. Levin. Zhel. dor. transp. 42 no. 3:16-22 Mr '60.

Prospecting for a railroad right of way. P. Kukarkin, F. Rabinovich. Grazhd. av. 17 no. 3:10 Mr '60.

Replies to readers' questions. V. I. Sorokin and others. Elek. i tepl. tiaga 4 no. 2:43-44 F '60.

Some remarks concerning Technical Specifications for Railroad Construction on Permafrost. A. V. Kustinov. Transp stroi. 10 no. 1:52-54 Ja '60.

RAILROAD MOTORCARS

The MD-54 narrow-gauge motorcar. S K Nizamov. Biul tekh.-ekon inform no 2 66-68 '60

RAILROAD RESEARCH

(see also subdivision under Otorzhka)

Planning our work for a year. S. Sitnikov. NTO 2 no. 3. 51-52 Mr '60.

RAILROADS

(see also subdivision under Georgia; Germany, East; Siberia; United States)

Activities of the United Nations Economic Commission for Europe in the field of railroad transportation. Zhel. dor. transp. 42 no. 3:84-87 Mr '60.

Beshchev, B. P. [Soviet railroad transportation during the period from 1959 to 1965] Zheleznodorozhnyi transport SSSR v 1959-1965 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 107 p. (V semiletku)

Contest on the best setup for adopting efficiency and innovation suggestions. Avtom., telem i sviaz' 4 no 2. 20 F '60.

Progress of railroad transportation in socialist countries and the outlook for its expansion. R. I. Robel Zhel-dor. transp. 42 no. 4 80-84 Ap '60.

Railroad transportation in 1959; technical and economic review. Zhel. dor. transp. 42 no 3;33-37 Mr '60.

Selecting radii of curves in planning railroads for high-speed passenger trains. S. A. Orbeliants. Trudy LIIZHT no 165 3-6 '59.

Toward a new upswing in the railroad transportation operations during the second year of the seven-year plan. B. P. Beshchev. Zhel. dor. transp 42 no. 4: 11-18 Ap '60.

V I Lenin and Soviet railroad transportation. V S Sharonin Vest TSNII MPS 19 no 2 3-8 '60

The world's railroads ("Railroads." Reviewed by A. S. Avatkov, G. E. Sorokin). Zhel. dor. transp. 42 no. 4: 95-96 Ap '60.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Krylov, V. I., and A. K. Ozolin. [New air distributor for passenger trains] Novyi vozdukhoraspredelitel' dlia passazhirskikh poezdov Moskva, Vses izdatel'sko-poligr ob''edinenie M-va putei soobshcheniia, 1960. 46 p.

Selecting braking equipment for six-axles gondola cars. V. M Kozarinov. Vest. TSNII MPS 19 no. 2;39-41 '60.

RAILROADS—BUILDINGS AND STRUCTURES

New standard plans. Transp. stroi 10 no. 1 2 of cover Ja '60.

Using industrial methods for dwelling construction in railroad transportation. I. S. Klopotovskii. Sbor. LIIZHT no. 166:180-195 '59.

RAILROADS—CARS
(see also subdivision under Nizhniy Tagil)

Methods for improving housing conditions of construction workers. E. G. Kotsen. Transp. stroi. 10 no. 1;5-6 Ja '60.

Unification of car indexing and marking. A. G. Prokof'ev. Zhel dor. transp. 42 no. 3,45-48 Mr '60.

RAILROADS—CARS—VIBRATION

Determining frequencies of natural vibrations of four-axle vehicles with a double system of elastic suspension. I. M. Popov. Izv. vys. ucheb. zav., mashinostr. no. 7: 41-44 '59.

RAILROADS—COMMUNICATION SYSTEMS
(see also subdivision under Barabinsk)

Arkhipov, P. S., and G. M. Pivko. [Brief reference book for electricians and wire communication technicians of transportation systems] Kratkii spravochnik elektromekhanika i montera transportnoi provodnoi sviazi Moskva, Vses. izdatel'sko-poligraf. ob''edinenie M-va putei soobshcheniia, 1960. 125 p.

Carrying district telephone communications on radio relay lines V. M. Volkov. Avtom., telem i sviaz' 4 no 3 10-12 Mr '60

Communication apparatus at way stations V. K Markin Avtom., telem. i sviaz' 4 no 3 32-33 Mr '60

Communication systems in railroad yards of electrified districts B. F. Kharlamov. Avtom., telem i sviaz' 4 no 3 18-19 Mr '60.

Contest sponsored by the Ministry of Railroads for the best suggestion for the saving of electric power in signaling and communications. Avtom., telem. i sviaz' 4 no. 4;26 Ap '60.

Device for preparing cable suspenders. M. G. Luchitskii. Avtom., telem. i sviaz' 4 no. 4;34-35 Ap '60.

Equipping diesel locomotives with ZhR-4 transmitter-receiver sets. A. N. Vorob'ev. Avtom., telem. i sviaz' 4 no. 2;28-30 F '60.

Guard bar for exposed fuses A. V. Akimov. Avtom., telem. i sviaz' 4 no. 3 18-19 Mr '60

Mechanization of repair operations and continuous maintenance of signaling and communication lines. V. D. Buts. Avtom., telem. i sviaz' 4 no. 4:6-8 Ap '60.

New intercommunication equipment I I Bukhbinder Avtom., telem. i sviaz' 4 no. 3 1-5 Mr '60

Survey of foreign magazines. Avtom., telem. i sviaz' 4 no. 2;47-48 F '60.

RAILROADS—COMMUTING TRAFFIC see subdivision under Moscow

RAILROADS—CONSTRUCTION
(see also subdivision under Siberia)

Mechanized unloading of gravel I I Leonovich Les prom 38 no 2 11-13 F '60

RAILROADS—CROSSINGS

Railway crossing barriers operate without interruptions. IU V. Volkov. Avtom., telem. i sviaz' 4 no. 4,30 Ap '60.

RAILROADS—CURVES AND TURNOUTS

Arrangement and design of small-radii curves. I. P. Grave. Sbor. LIIZHT no. 166:96-126 '59.

izyskanii i proektirovaniia zheleznodorozhnogo transporta [Tables for the lay-out of railroad curves] Tablitsy dlia razbivki zheleznodorozhnykh krivykh. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 490 p.

Investigating inaccuracies in the determination of displacements when preparing reconstruction plans for existing railroads. A I Vishniakov. Trudy LIIZHT no. 165 7-19 '59.

Selecting radii of curves in planning railroads for high-speed passenger trains. S. A. Orbeliants. Trudy LIIZHT no. 165:3-6 '59.

RAILROADS—EARTHWORK
(see also subdivision under Russia, Northern)

The RRMZ diesel ramming-machine designed by the Central Communications Scientific Research Institute I M Budnitskii Transp stroi 10 no 3 13-15 Mr '60

Using twig nettings in protecting slopes P Balakhnin Transp stroi. 10 no. 3 15-16 Mr '60.

RAILROADS—EARTHWORK—COLD WEATHER CONDITIONS

Using electric geophysical exploration methods in detecting frozen lenses in railroad beds I. P. Nesterenko, N. A. Gorelikov. Transp. stroi. 10 no 1 38-39 Ja '60

RAILROADS—ELECTRIC EQUIPMENT

Effect of magnetizing current on the resistance of a choke transformer E. D Krumin Avtom., telem i sviaz' 4 no 3 28-29 Mr '60

Extend the life expectancy of signal light lamps. N. A. Molodtsov. Avtom., telem. i sviaz' 4 no. 2 14 F '60.

Guard bar for exposed fuses A V Akimov. Avtom., telem. i sviaz' 4 no 3 19 Mr '60

Introduction of communication and automatic control equipment by drawing on unexploited production potentials. A. I. Breido. Avtom., telem. i sviaz' 4 no. 4:21-23 Ap '60.

Method of checking the phase of the power supply in adjacent rail networks A G Popov, I. M Shcherbatykh Avtom., telem i sviaz' 4 no 3 22-24 Mr '60

Methods of designing efficient code relays. S U. Venzerul'. Avtom., telem. i sviaz' 4 no. 4·13-14 Ap '60.

"Possibilities for improving the designing of automatic and remote control and telecommunication equipment." Avtom., telem. i sviaz' 4 no. 2 24 F '60.

Separation in the power supply arrangement on SPD-5 stands. F. Arkhipov, I. M. Zotov. Avtom., telem. i sviaz' 4 no. 4 24 Ap '60.

These questions must receive attention. N. D. Burtsev. Avtom., telem. i sviaz' 4 no. 2;44 F '60.

Useful devices. V. Dobrovol's'kyi. Nauka i zhyttia 10 no. 1;47 Ja '60.

RAILROADS—ELECTRIFICATION

Porplits, IU. P. [Calculation of electric power networks for electric railroads, lecture for the 4th course entitled "Electrification of railroad transportation systems" for students specializing in electric power supply for electric railroads] Elektricheskii raschet skhem prodol'nogo energosnabzheniia elektricheskikh zheleznykh dorog; lektsiia dlia studentov VI kursa spetsial'nosti "Elektrifikatsiia zheleznodorozhnogo transporta" spetsializatsii "Energosnabzhenie elektricheskikh zheleznykh dorog." Moskva, M-vo putei soobshcheniia. Vses. zaochnyi in-t inzhenerov zhel-dor. transporta, 1959. 25 p.

V. I. Lenin and the electrification of the U.S.S.R. N. A. Lomagin. Zhel-dor. transp. 42 no. 4;10-21 Ap '60.

RAILROADS—ELECTRONIC EQUIPMENT

Control circuit for the independent operation of home signal lights from the switching center. G. F. Zdanovich. Avtom., telem. i sviaz' 4 no 2:31-32 F '60.

How the moving of signaling apparatus to a new location was accomplished. N. F. Morozov Avtom., telem. i sviaz' 4 no. 4·37 Ap '60.

Inspection of automatic cab signaling devices from railroad cars equipped with testing devices. I. A. Tsetsura. Avtom., telem. i sviaz' 4 no. 2;33-34 F '60.

RAILROADS—EMPLOYEES
(see also subdivision under Avdeyevka, Moscow, Ozherel'ye, Tiflis)

Adequate selection, assignment, and training of personnel are an indispensable condition for the fulfillment of the seven-year plan. P I. Matveitsev. Zhel. dor. transp. 42 no 3,3-9 Mr '60.

Day of the railroad employees B Krasnikov Agitator no 13 26-29 Jl '60

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

[General cultural work among railroad employees; from the practice of trade-union organizations and cultural organizations of railroad transport] Kul'turno-massovaia rabota sredi zheleznodorozhnikov; iz opyta raboty profsoiuznykh organizatsii i kul'turno-prosvetitel'nykh uchrezhdenii zheleznodorozhnogo transporta. Moskva, Vses. izdatel'sko-poligr. ob''edinenie M-va putei soobshcheniia, 1960. 102 p.

The "Palace of Technology" of the White Russian Railroad. V. Misnik. Belarus' 17 no 2 7 F '60

(see also subdivision under Hungary)

Faulty construction of track boxes. V P. Solomatin. Avtom., telem i sviaz' 4 no 2 44 F '60.

Potentialities for saving nonferrous metals in railroad transportation. N. A. Bushe. Zhel. dor. transp. 42 no. 3,22-28 Mr '60

Potentialities for the efficient utilization of materials and equipment. I. V. Shchurov. Zhel-dor. transp. 42 no. 4: 38-44 Ap '60

RAILROADS—ESTIMATES

Economic comparison of variants in planning railroad lines N. M. Romishvili, A. F. Koniashvili Transp. stroi. 10 no. 1 41-44 Ja '60

RAILROADS—FINANCE

For a thorough study of economic problems ("Business accountability and railroad finance." Reviewed by G. K. Nedopekin, M. G Trubikhin, F. M. Fleishman). Zhel. dor. transp. 42 no 3,92-96 Mr '60.

RAILROADS—FREIGHT
(see also subdivision under Sverdlovsk)

Centralized freight pick-up and delivery operations. V. T. Arestov Zhel-dor. transp 42 no. 4;77 Ap '60.

Comparing variants for the control of the growing freight traffic. R. V. Zaitsev. Vest TSNII MPS 19 no. 2,51-52 '60.

Entrust railroads with loading and unloading work. L. Kugukov, A. Dorokhin. Fin SSSR 21 no. 6;64-67 Je '60.

Ostrovskii, N. B. [Combined rail and automotive transportation] Kombinirovannye avtomobil'no-zheleznodorozhnye perevozki gruzov. Moskva, 1959. 17 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia Avtomobil'nyi transport, no. 1)

Russia (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Instructions on the making up of freight shipments in the international railroad transportation] Instruktsiia o poriadke oformleniia perevozok gruzov v mezhdunarodnykh zheleznodorozhnykh soobshcheniiakh. Moskva, Gos. transp zhel-dor. izd-vo, 1960 55 p. (Tarifnoe rukovodstvo no. 21)

RAILROADS—FREIGHT CARS see subdivision under United States

Causes of crack formation in the cast bolsters of car trucks. L A. Shadur, N N. In'shakov Vest. TSNII MPS 19 no. 2·31-39 '60.

Freight cars of the immediate future. G. E. Sorokin. Zhel. dor. transp. 42 no. 3,30-32 Mr '60

Mechanizing the loading of short-cut timber in closed freight cars. M A Zav'ialov Mekh i avtom proizv. 14 no 3 46-47 Mr '60.

New three-axle trucks for freight cars. Vest. TSNII MPS 19 no. 2;58 '60.

New types of self-unloading gondola cars. A. F. Ignat'ev. Transp stroi 10 no. 1·37-39 Ja '60.

The SP-8 and SP-10 self-emptying gondola cars A F Ignat'ev Biul tekh -ekon inform no 2 69-70 '60

Uninterrupted car supply to sidings. A. M. Galiandin. Zhel. dor. transp 42 no. 3,75 Mr '60.

RAILROADS—FREIGHT CARS—MAINTENANCE AND REPAIR

Equipment for automatic built-up welding of freight car bolster plates IU G Chursin. Svar proizv no 2 37-38 F '60

RAILROADS—HUMP YARDS

Reorganization and mechanization of hump yards within the shortest time. V. Z. Fakhrutdinov Zhel-dor. transp. 42 no 4·72-76 Ap '60

RAILROADS—INTERNATIONAL COOPERATION

Cooperation between socialist countries in the electrification of railroads and introduction of diesel traction. S. S Kalinin. Zhel-dor. transp. 42 no 4;84-88 Ap '60.

International cooperation in research and practice among railroads of socialist countries Vest. TSNII MPS 19 no. 2,57-58 '60.

RAILROADS—JOINT USE OF FACILITIES

Cooperative utilization of equipment. V. V. Shevchenko. Zhel-dor transp 42 no. 4,35-38 Ap '60.

RAILROADS—LABOR PRODUCTIVITY

In the struggle for technological progress and increase of labor productivity I. Moshchuk, V. Vasiutovich. Sots. trud 5 no. 1 115-120 Ja '60

RAILROADS—MAINTENANCE AND REPAIR

How to make the best use of "intervals" during over-all track repair operations. L. B. Lekhno Zhel-dor. transp. 42 no. 4;54-55 Ap '60

Narrow-gauge gondola-regulator for the mechanization of the unloading and proportioning of ballast V A Grachev, P I Skorodumov Torf prom 37 no 1 21-22 '60

Objectives of the further expansion of welding techniques in transportation. B. E. Paton. Zhel-dor. transp 42 no 4,30-31 Ap '60.

Over-all mechanization of track maintenance and repair. Zhel-dor. transp. 42 no. 4;61-62 Ap '60.

New developments in combining trains. V. V. Volkodav. Zhel.dor.transp. 42 no.4:70-77 Ap '60.

RAILROADS—MANAGEMENT
(see also subdivision under United States)
Expediency of section stations with a cooperative management of various services. I. G. Varshavskii. Zhel.dor.transp. 42 no.3:51-54 Mr '60.
Makarochkin, A. M., V. M. Sviridov, and K. K. Tikhonov [Reserves for improving the operations of railroad divisions] Rezervy uluchsheniia ekspluatatsionnoi raboty otdeleniia dorogi. Moskva, Vses.izdatel'sko poligr.ob"edinenie M-va putei soobshcheniia, 1960 63 p.

RAILROADS—PASSENGER CARS—MAINTENANCE AND REPAIR
Kirov, A. N., ed. [Handbook for the repair of passenger cars] Spravochnik po remontu passazhirskikh vagonov. Moskva, Vses.izdatel'sko poligr.ob"edinenie M-va putei soobshcheniia, 1960. 631 p.

RAILROADS—PASSENGER TRAFFIC
Train sheets for passenger traffic in some capitalist countries. E. G. Iershimskii-Marut. Zhel.dor.transp. 42 no.3:80-84 Mr '60.

RAILROADS—PERIODICALS
Conference of the readers of "Zheleznodorozhnyi transport." Zhel.dor.transp. 42 no.4:70 Ap '60.
"Zheleznodorozhnyi transport," Nos 1-12, 1959. Reviewed by S. P. Krasnov. Vest.Inst.po izuch.SSSR no.4 125-130 O-D '59.

RAILROADS—RAILS
(see also subdivision under United States)
Automatic block systems should have dependable rail networks. V. A. Mostovoi, V. N. Kuliaev. Avtom., telem.i sviaz' 4 no.3:26-27 Mr '60.
Bipolar pulse rail circuit. B. I. Belousov. Avtom., telem.i sviaz' 4 no.3:38-39 Mr '60.
Contact damages of rail heads. I. M. Shkol'nik. Vest. TSNII MPS 19 no.2:42-45 '60.
Experimental investigation of the effect of the wear of joint plates under rail ends on the performance of rail joints. G. P. Andreev, IA. I. Kiptila. Sbor.LIIZHT no.166:71-80 '60.
Over-all mechanization of assembling rail lengths. A. T. Chizhov. Transp.stroi. 10 no.1:23-25 Ja '60.
Rail networks without insulated rail joints. G. I. Afanas'eva, M. B. Lil'man. Avtom., telem.i sviaz' 4 no.3:47 Mr '60.
Using blind gauges in fixing rails to crossties. V. A. Selivon. Transp.stroi. 10 no.3:56 Mr '60.
Ways to lengthen the life of heavy rails. V. N. Danilov. Zhel.dor.transp. 42 no.3:37-41 Mr '60.

RAILROADS—RATES
Some problems in setting freight rates. A. V. Kreinin. Zhel.dor.transp. 42 no.4:56-60 Ap '60.

RAILROADS—REPAIR SHOPS see subdivision under Chita; Dnepropetrovsk; Zaporozh'ye

RAILROADS—ROLLING STOCK
Introducing the use of roller bearings for rolling stock. I. I. Drabkin, V. F. Deviatkov. Zhel.dor.transp. 42 no.4:44-49 Ap '60.

RAILROADS—SAFETY MEASURES see subdivision under Lvov

RAILROADS—SALARIES, PENSIONS, ETC.
Railroad maintenance workers' wages. A. Orlov, N. Ledol'kina. Sots.trud 5 no.4:134-135 Ap '60.

RAILROADS—SIDINGS
Methods of calculating and designing industrial railroad sidings to the enterprises of food and refrigeration industries. A. K. Koshevoi. Trudy LTIKhP 15:168-178 '57.

RAILROADS—SIGNALING
(see also subdivision under Estonia; Germany, West; Sweden)
Bipolar pulse rail circuit. B. I. Belousov. Avtom., telem.i sviaz' 4 no.3:38-39 Mr '60.
A book which is useful for engineers and technicians. K. P. Frolov. Avtom., telem.i sviaz' 4 no.4:46 Ap '60.
Change in the crossing coding circuit. A. I. Khlopitskii. Avtom., telem.i sviaz' 4 no.2:36-37 F '60.
Circuits for the switching-in of blocking apparatus with polar line networks and for joining them with route controlling devices. P. V. Fedot'ev, A. K. Narkevich. Avtom., telem.i sviaz' 4 no.2:6-10 F '60.
Contest sponsored by the Ministry of Railroads for the best suggestion for the saving of electric power in signaling and communications. Avtom., telem.i sviaz' 4 no.4:26 Ap '60.
Control circuit for the independent operation of home signal lights from the switching center. O. F. Zdanovich. Avtom., telem.i sviaz' 4 no.2:31-32 F '60.
Correspondence students should participate in practical planning. A. M. Stepanov. Avtom., telem.i sviaz' 4 no.4:39 Ap '60.

Avtom., telem.i sviaz' 4 no.4:11 Ap '60.
Electric power should be used efficiently. Avtom., telem.i sviaz' 4 no.2:1-3 F '60.
Electronic rail circuit which may be used to replace a pedal. M. I. Ivanov. Avtom., telem.i sviaz' 4 no.4:27-28 Ap '60.
Extend the life expectancy of signal light lamps. N. A. Molodtsov. Avtom., telem.i sviaz' 4 no.2:44 F '60.
Following the example set by the Leningrad-Vitebsk division. V. V. Anapreichikov. Avtom., telem.i sviaz' 4 no.4:13 Ap '60.
How automatic block systems and relay interlocking systems are being [illegible] Avtom., telem.i sviaz' 4 no.3:[illegible] Mr '60.
How the moving of signaling apparatus to a new [illegible] was accomplished. N. I. Morozov. Avtom., telem.i sviaz' 4 no.4:17 Ap '60.
Inspection of automatic cab signaling devices from railroad cars equipped with testing devices. I. A. [illegible] Avtom., telem.i sviaz' 4 no.2:13-14 F '60.
Mechanization of repair operations and [illegible] maintenance of signaling and communication lines. V. B. [illegible] Avtom., telem.i sviaz' 4 no.4:[illegible] Ap '60.
New rules for the proper maintenance of signaling devices. G. I. Koltada. Avtom., telem.i sviaz' 4 no.2:[illegible] F '60.
Rail networks carrying a signal current of higher frequency. A. M. Braylovskii. [illegible] Avtom., telem.i sviaz' 4 no.2:16-20 F '60.
Reply to the inquiries of our readers. Avtom., telem.i sviaz' 4 no.4:45 Ap '60.
Route position indicator. Avtom., telem.i sviaz' 4 no.4:44 Ap '60.
Signal, centralized control, and blocking systems for the transition period. [illegible] A. Vasil'ev. [illegible] 42 no.4:38-51 Ap '60.
Suggestions of efficiency experts. [illegible] Avtom., telem.i sviaz' 4 no.3:[illegible] Mr '60.
Survey of foreign magazines. Avtom., telem.i sviaz' 4 no.2:47-48 F '60.
TM-20 album. Avtom., telem.i sviaz' 4 no.4:[illegible] Ap '60.
Unification of standards is necessary [illegible] Avtom., telem.i sviaz' 4 no.4:[illegible] Ap '60.
Unified standards are necessary for [illegible] N. S. Bolliakov. Avtom., telem.i sviaz' 4 [illegible] '60.

RAILROADS—SIGNALING—BLOCK SYSTEM
Automatic block systems should have dependable rail networks. V. A. Mostovoi, V. N. Kuliaev. Avtom., telem.i sviaz' 4 no.3:26-27 Mr '60.
An error committed by the railroad [illegible] E. I. Gorbunova. Avtom., telem.i sviaz' 4 no.3:[illegible] '60.
Improvement in [illegible] station blocking systems. A. P. Mastin. Avtom., telem.i sviaz' 4 no.3:6-8 Mr '60.
Principal double track lines with [illegible] traffic [illegible] automatic block systems on both tracks. V. A. [illegible] P. IA. Borisov. Avtom., telem.i sviaz' 4 no.3:[illegible] Mr '60.

RAILROADS—SIGNALING—CENTRALIZED TRAFFIC CONTROL
Engineer and innovator, a sketch. I. V. [illegible] Avtom., telem.i sviaz' 4 no.3:40-41 Mr '60.
Unloading centralized traffic control [illegible] for [illegible] wanted routes. P. I. [illegible] Avtom., telem.i sviaz' 4 no.4:[illegible] Ap '60.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS
Circuit for connecting [illegible] locking switches with [illegible] B. N. Fermke. Avtom., telem.i sviaz' 4 no.3:8-9 Mr '60.

RAILROADS—STANDARDS
New state standards for construction and rolling stock clearances for a 1524 mm gauge. Zhel.dor.transp. 42 no.3:88-89 Mr '60.
New state standards for railroad clearances. A. B. [illegible] Zhel.dor.transp. 42 no.3:10-15 Mr '60.

RAILROADS—STATION SERVICE
Antoniuk, I. D., V. G. Orlov, and A. V. [illegible] [Manual for the stationmaster] Posobie nachal'niku stantsii. Izd.2., perer.i dop. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia 1960. 395 p.

RAILROADS—STATIONS
(see also subdivision under Peiping)
Determining the dimensions of railroad stations, volumetric and spatial layout of stations for 300 to [illegible] persons. P. V. Preis. Sbor.LIIZhT no.160:124-[illegible] '59.
Eliminating shortcomings in calculating the traffic capacity of station necks. N. Gal'kin. Zhel.dor.transp. 42 no.3:74-75 Mr '60.
Modern railroad stations are a junction point for various forms of transportation. I. G. IAvein. Sbor.LIIZhT no.160:161-168 '59.

[illegible] stations with [illegible] IAvein. Sbor.

RAILROADS—[illegible]
[illegible] V. V. [illegible]

RAILROADS—[illegible]
[illegible] signal devices. [illegible]
[illegible] rail lines [illegible]
[illegible]

[illegible] V. [illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—[illegible]
[illegible]

RAILROADS—TRACK—MAINTENANCE AND REPAIR
[illegible]

RAILROADS - TRACK-LAYING MACHINERY

[illegible] of the shafts of electric generators in track [illegible]. V. I. [illegible]. [illegible] '60.

RAILROADS - TRAFFIC

[illegible] of the traffic capacity of two-track [illegible] construction and improvement. A. I. [illegible]. Zhel. dor. transp. [illegible] Mr '60.

[illegible] with "intervals" on double track [illegible]. V. I. [illegible]. Vest. [illegible] 19 no. [illegible]

[illegible] distance on the Ashkhabad Railroad [illegible] and [illegible]. N. A. [illegible]. [illegible] '60.

[illegible] of "intervals" [illegible] [illegible] Ap '60.

RAILROADS - TRAIN DISPATCHING

[illegible] heavy traffic [illegible]. Zhel. dor. transp. [illegible] no. 3:40 [illegible] Mr '60.

RAILROADS - TRAIN SPEED

[illegible] method for determining the sectional [illegible]. [illegible] '60.

RAILROADS - WATER SUPPLY

[illegible] railroad water [illegible] [illegible]

RAILROADS, INDUSTRIAL see subdivision under Moscow

RAIN AND RAINFALL

[illegible] Valley, [illegible] region [illegible] stability during rainfall [illegible] '60.

[illegible] rainfall [illegible]

[illegible]

RAIN [illegible] see [illegible] Weather [illegible]

[illegible] ASHUROVICH, [illegible]

[illegible] anniversary of his scientific [illegible]

[illegible] 1821-1867

[illegible] Bulgarian [illegible] 1959 [illegible]

RAMAN EFFECT

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

RAPE (PLANT)

[illegible], V. P. [Winter rape] [illegible], Moskva, [illegible] 1959. [illegible] p.
[illegible]

RARE EARTH CARBONATES

[illegible] rare earth carbonates [illegible]

RARE EARTH HYDRIDES

[illegible] V. I. [illegible]

RARE EARTH METALS

[illegible] (Rare metals [illegible] [illegible] State Metal [illegible] 1959 [illegible] 1959. [illegible] p.

Rare earth metals and prospects for their use in industry. I. M. [illegible]. Vest. AN SSSR 30 no.6:81-88 Je '60.

RARE EARTHS
(See also subdivision under Lovozero Tundras)

Comparative evaluation of the various complex-forming agents in the preparation of enriched concentrates of yttrium group elements. D. I. Ryabchikov, E. S. V[illegible]. Zhur. neorg. khim. 5 no.2:[illegible] F '60.

Separation of certain radioactive rare earth elements by chromatography. G. H. Mazlova, [illegible]. Zhur. neorg. khim. [illegible] '60.

Some geochemical characteristics of radioactive rare earth minerals [with summary in English]. D. A. Mine[illegible]. Geokhimiia no.2:[illegible] '60.

RATNO DISTRICT - ATHEISM

Atheists' conference for religious people. [illegible]. Nauka i zhyttia 10 no.1:46 Ja '60.

RATS - EXTERMINATION see subdivision under Grodno

RATS AS CARRIERS OF DISEASE

[illegible] and distributor of the virus of [illegible] [with summary in English]. M. G. [illegible] '60.

RAVENSBRUCK (CONCENTRATION CAMP)

Fifty thousand people [illegible] present at the unveiling of the monument at Ravensbruck. [illegible] '60.

[illegible] ("The [illegible] of Ravensbruck") [illegible] Zhen. mira no.11:18 '59.

RAYON

Effect of [illegible] on the physicomechanical properties of [illegible] fibers. V. A. [illegible], L. N. [illegible]. [illegible] '60.

Effectiveness of the method of doffing yarn on twisters at different times. M. N. [illegible]. Khim. volok. no.1:[illegible] '60.

Evaluating the quality of viscose cellulose. A. [illegible]. Khim. volok. no.1:[illegible] '60.

Improvements in the methods of formation of [illegible] fibers (British patent No. 788135). Khim. volok. no.[illegible] '60.

Investigating the process of viscose fiber formation (from "[illegible]," no.10, 1959). Khim. volok. no.1:[illegible]

Method of production of viscose fibers (Australian pat. No. [illegible]). Khim. volok. no.1:[illegible] '60.

Method of production of viscose fibers and films (from German Fed. Rep. patent No. 1003843). Khim. volok. no.1:[illegible] '60.

Production of viscose fiber having a film structure (U.S. pat. No. 2931062). Khim. volok. no.1:[illegible] '60.

Production of viscose filaments and films of high strength (Australian patent No. 175024). Khim. volok. no.1:[illegible] '60.

Restoring the quality of modifying agents in viscose in the formation of very strong cord fabric (U.S. patent No. [illegible]). Khim. volok. no.1:[illegible] '60.

Using the "Pantel" composition as a finishing agent for viscose staple fiber. [illegible]. Khim. volok. no.1:53-54 '60.

RAYON SPINNING

Controlling the [illegible] of spinnerets [illegible] [illegible]. Khim. volok. no.1:[illegible] '60.

Ultrasonic cleaning of spinnerets. G. V. [illegible], [illegible]. Khim. volok. no.1:[illegible]

RAYON SPINNING - PRODUCTION STANDARDS

Norms setting for centrifugal spinning machines for rayon [illegible]. [illegible]. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.1:[illegible] '60.

REACTION RATE (CHEMISTRY) see Chemical reaction, Rate of

REACTION TIME

[illegible] delays in the repetition of audible speech [with summary in English]. [illegible], V. V. [illegible]. Vop. psikhol. 6 no.1:[illegible] '60.

READING

[illegible] reading lessons and life. [illegible] '60.

READING (ELEMENTARY)

[illegible] reading [illegible] organization [illegible] of reading. [illegible] Mr '60.

READING MACHINES

[illegible] patterns [illegible] reading machines [illegible] Mr '60.

REAL PROPERTY - VALUATION

Gosudarstvennyi [illegible]. [Calculation and valuation of land] [illegible]. Moskva, [illegible] 1959. 223 p.
(DM)

REALISM

V. I. Lenin on the attitude of empiriocriticism to "naive realism" [with summary in English]. A. A. Satybalov. Vest. LGU 15 no.11:77-85 '60.

REALISM IN LITERATURE

Creative study of the problems of socialist realism ("On the paths of socialist realism" by V. Ozerov. Reviewed by V. I. Vorobiev). [illegible] no.[illegible] Mr-Ap '60.

Socialist realism as a leading artistic method of our time. V. V. [illegible]. [illegible] '60.

REAMERS

Machining zinc alloys with cemented [illegible]. A. V. [illegible]. [illegible] no.1:10-11 Ap '60.

REAMERS - TESTING

Strength tests of hard alloy reamers in machining cast iron. [illegible]. Vest. mash. 40 no.4:[illegible] Ap '60.

REAPERS see Harvesting machinery

RECEPTORS (NEUROLOGY)

Impairment of chemoreception in [illegible] intoxication. [illegible]. Vestsi AN B[illegible] Ser. biial. nav. no.1:[illegible] '60.

RECLAMATION OF LAND
(See also subdivision under Crimea, Fergana, Golodnaya Steppe; Hauzap, Hungary)

Developing "unsuitable" urban areas. N. [illegible], V. [illegible]. [illegible] '60.

Development of grain culture in regions where virgin lands are being developed ("Development of grain culture in virgin land regions" by I. A. [illegible]. Reviewed by A. [illegible]). [illegible] no.2:125 F '60.

Development of research on reclamation and agricultural use of swamps and swamped lands. P. A. [illegible]. Trudy [illegible] no.11:[illegible] '58.

Pilosato, [illegible] [Soil science in land reclamation] Melioraticheskoe pochvovedenie. Moskva, [illegible] 1960. 120 p.

[MICROFILM]

Struggle of the Communist Party of the Soviet Union to create a great food supply. [illegible]. Vest. AN [illegible] no.[illegible] Mr '60.

RECOLLECTION (PSYCHOLOGY)

Role of the word in recollection and some peculiarities of memory in the child [with summary in English]. [illegible]. Vop. psikhol. 6 no.1:70-[illegible] '60.

RECONSTRUCTION

Katorgin, I. I. [Postwar struggle of the Communist Party for the reconstruction and development of the national economy, 1945-1953. Theme 10] Bor'ba Kommunisticheskoi partii za vosstanovlenie i razvitie narodnogo khoziaistva v poslevoennye gody, 1945-1953 gg. Tema XVI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 90 p. (Istoriia KPSS, kurs lektsii)

Katorgin, I. I. [The Communist Party in the period of the reconstruction of the national economy, 1921-1925. Theme 10] Kommunisticheskaia partiia v gody vosstanovleniia narodnogo khoziaistva, 1921-1925 gg. Tema X. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 100 p. (Istoriia KPSS, kurs lektsii)

RECORDING INSTRUMENTS - MAINTENANCE AND REPAIR

Adjustment and repair of dial indicators. A. V. Lavala. [illegible] Mr '60.

RECORDS, MEDICAL see Medical records

RECORDS, PHONOGRAPH see Phonorecords

RECREATION

To fresh air, to the forest, to the river! Sov. profsoiuzy [illegible] no.10:[illegible] My '60.

Your leisure is your wealth! [illegible] Je '60.

RECTUM - DISEASES

Polyposis of the large intestine with prolapse of the rectum. [illegible]. Khirurgiia [illegible] no.12:[illegible] '59.

RECTUM - WOUNDS AND INJURIES

Death in connection with the introduction of compressed air into the rectum. I. I. [illegible]. Sud.-med. ekspert. [illegible] no.2:48-49 Ap-Je '59.

RECURSIVE FUNCTIONS

Algorithmic description of the music composing process. R. Kh. Zaripov. Dokl. AN SSSR 132 no.6:1283-1286 Je '60.

RED CROSS
(See also subdivision under Kirghizistan)

The experience of advanced people is for all organizations. Sov. kras. krest. 10 no.1:20-21 Ja-F '60.

In the spirit of friendship and unity. G. Miterev. Sov. kras krest. 10 no.1 25-26 Ja-F '60.

RED SPIDER

A revision of the tribe Petrobiini (Reck) (Acariformes, Tetranychidae) [with summary in English] B A Vainshtein Ent oboz 39 no 1 214-226 '60

"Spider mites", symposium of the Institute of Phytopathology at Aschersleben, German Academy of Agricultural Sciences [in German] Reviewed by M S Giliarov Zool zhur 39 no 3 475-476 '60

Structure of the forelimb in spider mites (Acariformes Tetranychidae) B A Vainshtein Biul MOIP Otd biol 64 no 5 146-149 S-O '59

REDUCTION

Reaction of reversible photochemical reduction of chlorophyll, its analogs, and derivatives A. A Krasnovskii. Usp khim 29 no 6 736-759 Je '60.

Reduction of p-nitrophenol on a nickel skeletal catalyst in the presence of potassium chloride, bromide and iodide D V. Sokol'skii, G. D. Zakumbaeva. Trudy Inst khim nauk AN Kazakh. SSR 3 3-8 '59.

REDUCTION, ELECTROLYTIC

Thermodynamics of the direct and indirect reduction of melted lead oxides A N Kviatkovskii and others Vest AN Kazakh SSR 16 no 2·19-25 F '60

REED (BOTANY)

(see also subdivision under Volga Delta)

Fundamental premises for designing a reed harvesting machine. L. N. Kuznetsov. Trudy RISI no 15 171-178 '58

REELS (TEXTILE MACHINERY)

Organization of continuous work on reels. K I Spasskaia, L P Berlinkova, G. A. Ragozhina Tekst prom 20 no 2 69-70 F '60

REFLECTION (OPTICS)

Apparatus for measuring reflection indicatrices in the 0, 6-2. 5μ region of the spectrum. L B Krasil'shchikov, A A TSarevskaia. Trudy GGO no. 100 131-132 '60.

REFLEXES

Central nervous system function in patients with paradentosis. V. A. Losev. Probl. stom. 4 21-28 '58.

Changes in vascular reactions in first-stage hypertension following treatment. Z V Dzbanovskaia Mat po obm nauch inform no 2·31-37 '58

Effect of enucleation on the reflex activity of fish. I. Orlov Biul. SNO LGU no. 1 59-63 '58

Investigation of some unconditioned reflexes (orientation and defensive) in reactive stuporous conditions L A Pastushenko. Probl, sud, psikh 8,109-123 '59

Momentous victory of materialism M Lohvyn Nauka i zhyttia 10 no 2 50-52 F '60

Skin galvanic reflexes in patients with a paranoid syndrome N. D. Lakosina. Probl sud. psikh. 8 517-527 '59

Unconditioned interoceptive reflexes from bone and bone marrow. A D. Li. Trudy Len gos. nauch.-issl inst. travm. i ortop no. 7 92-98 '58.

Vascular reaction changes under the influence of oxygen therapy IA. S. Lashchinskaia Mat po obm nauch inform no 2·63-77 '58

REFRACTOMETRY

Refractometry as a method of physicochemical analysis of organic systems. B. V Ioffe. Usp khim. 29 no 2·137-161 F '60.

REFRACTORIES INDUSTRY

(see also subdivision under Hungary)

First year of the seven-year plan. E. V. Talontova. Ogneupory 25 no. 1·8-9 '60.

Persistently carry out measures to increase the production of highly resistant refractories. Ogneupory 25 no. 1·1-6 '60.

REFRACTORIES INDUSTRY—EQUIPMENT AND SUPPLIES

Determining compression forces on a cranked lever press. A. P. Larin, S. A. Losev, V. G. Sloushch. Ogneupory 25 no. 1·14-16 '60.

Modernization of disintegrators. D. S. Mosiagin. Ogneupory 25 no. 1·41-44 '60.

REFRACTORY MATERIALS

Improvement of the performance and refractory qualities of Dinas mortars V. D. TSigler, B E. Pindrik. Koks i khim. no 3 28-31 '60

Lining the hearth bottom of blast furnaces. E. K. Keler, M. N. Blivshtein. Ogneupory 25 no. 1:17-23 '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Regulations SN 64-59 on carrying out lining operations in rotary cement-burning kilns] Instruktsiia po proizvodstvu futerovochnykh rabot vo vrashchaiushchikhsia tsementoobzhigatel'nykh pechakh, SN 64-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 68 p.

Soiuzteplostroi, trust, Moscow. [Handbook on refractory linings of industrial furnaces] Spravochnik po ogneupornoi kladke promyshlennykh pechei. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 349 p.

furnaces. V G. Antosiak, Sh. M. Berman, E. A. Ploshchenko. Ogneupory 25 no. 1·24-30 '60.

Use of chrome-magnesite concrete for the lining of troughs A A Pirogov and others Metallurg 5 no 3 10-11 Mr '60

REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials

REFRACTORY MATERIALS—OPTICAL PROPERTIES

Total refractive index of grog refractories and separation of the vitreous and crystalline phases during calcination. T. F. Raichenko, K. K. Strelov. Ogneupory 25 no. 1·33-34 '60.

REFRACTORY MATERIALS—TESTING

Testing the use of nozzles for continuous steel pouring. V. M. Strelets, N. V. Pitak. Ogneupory 25 no. 1:30-32 '60.

REFRIGERATION AND REFRIGERATING MACHINERY

Cold at work V M Brodianskii Nauka i zhizn' 27 no 3 17-23 Mr '60

Developments in refrigeration. V. Kokorev. Sov. torg. 33 no 3 14-20 Mr '60.

Effect of the angle of rotation described by the spindle of a rotary expansion engine on the volume of interblade space I K Kondriakov, V N Bazovskii Trudy LTIKHP 13 135-139 '57

Investigating an electrothermal evaporation installation. V. S. Martynovskii, V. A. Naer. Izv vys. ucheb. zav., energ 3 no. 6·104-109 Je '60

REFRIGERATOR CARS

Refrigeration of green peas in railroad refrigerator cars. V N Zaletskii Kons. i ov. prom 15 no 7.12-15 Jl '60.

REFRIGERATORS

Some results in the development of refrigerators with a continuous absorption engine functioning without a pump N P Tret'iakov Trudy LTIKHP 13 110-149 '57

REFRIGERATORS—MAINTENANCE AND REPAIR

New books Prom koop. 14 no. 1·39 Ap '60.

REFUGEES—POLITICAL ACTIVITIES see subdivision under Germany, West

REFUSE AND REFUSE DISPOSAL see subdivision under Moscow

REGENERATION (BIOLOGY)

Nucleoproteins in a normal and regenerating liver [with summary in English] E M. Leikina and others. Biokhimiia 25 no. 1·96-101 Ja-F '60.

On methods for solving the problem of physiological regeneration V V Makhovko Uch zap 2-go MGMI 16 3-6 '58

Problems of physiological regeneration, results of a conference in Sukhumi I A Utkin, N P. Bochkov Vest AMN SSSR 14 no 10 64-70 '59.

REGENERATION (BOTANY)

Restoration of the plum root system following injury. T. G. Muminov. Dokl. AN Uz. SSR no. 11 55-60 '56

REGIONAL PLANNING

(see also subdivision under Irkutsk Province, Kagarlik District, Leningrad region; Ukraine)

Akademiia budivnytstva i arkhitektury URSR. Naukovo-doslidchyi instytut mistobudivnytsva. [Problems in district planning] Voprosy raionnoi planirovki. Kiev, 1960. 333 p

Bogorad, D I [Regional planning, problems of planning industrial regions] Raionnaia planirovka, voprosy planirovki promyshlennykh raionov. Moskva, Gos izd-vo lit-ry po stroit, arkhit i stroit materialam, 1960 242 p.

Institute of Urban Development and Regional Planning K A Derzhinskii Izv ASiA no 4 161-162 '59

Main trends in the further development of regional planning N Buriakov Arkhit. SSSR no 6 12-13 '60

Regional planning of industrial areas. N. IA Buriakov. Izv. ASiA no 2 11-51 '59

Secure the realization of solutions proposed in regional planning G Kaplan, I Smoliar N Solofnenko Arkhit SSSR no 6 11-16 '60

REHABILITATION

How we eliminated the waiting list of the homes for the handicapped in Orlov Province. M. Artemova Sots. obesp 21 no 2 34-36 F '60

REINDEER

Age and seasonal changes in the live weight of reindeer. S M. Druri. Trudy Inst. morf. zhiv. no. 31 175-181 '60.

(see also subdivision under Minsk, Sverdlovsk Province)

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo [Instructions for calculating statically indeterminate reinforced concrete construction elements taking into account the redistribution of stresses] Instruktsiia po raschetu staticheski neopredelimykh zhelezobetonnykh konstruktsii s uchetom pereraspredeleniia usilii Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit materialam, 1960. 109 p

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu Biuro tekhnicheskoi informatsii. [Welding joints of reinforcements of reinforced concrete construction elements] Svarka stykov armatury zhelezobetonnykh konstruktsii. Moskva, 1959. 27 p.

Effectiveness of using polygonal reinforcements in making reinforced concrete span structures. K. K IAkobson, V. P. Ustinov Transp. stroi 10 no 3 51 Mr '60

Glass reinforced plastic reinforcements to be used in making concrete construction elements. A. A. Gvozdev, K. V. Mikhailov, I. Nikula. Bet. i zhel.-bet. no. 3 105-111 Mr '60.

Industrial methods for making reinforced concrete supports for electric lighting networks Rats i izobr predl v stroi no 11 5-8 '60

Modification of mine shaft lining reinforcement methods. F. A. Abramov, A. P. Maksimov, V. A. Dolinskii. Ugol' 35 no. 3.50-51 Mr '60.

New designs of anchor devices for holding bundles of reinforcing rods. I. M. Portnov, E. F. Lysenko. Bet. i zhel.-bet. no. 3.130-131 Mr '60.

Reinforced concrete details to be used in making major repairs in apartment houses V. A. Shevchenko, V. P. Rylo, A. I. Ivanov. Gor. khoz. Mosk. 34 no. 2·19-21 F '60.

Scientific and technical seminar on problems in using reinforced concrete V Mostovyi Bud mat. i konstr 2 no 1 64 F '60.

Suggestions made by instructors of advanced work methods P Kondakov Stroitel' no 3 25-26 Mr '60

Using permanent rod timbering in lining tunnels. B. K. Chukan. Transp. stroi. 10 no. 1 49-52 Ja '60.

Using reinforced concrete in heavy machinery and press manufacture. I. G. Liukovskii. Izv. ASiA no. 4:88-107 '59.

REINFORCED CONCRETE—TESTING

Determining the bearing capacity of a concrete core placed in a solid steel yoke. IA. P. Semenenko. Bet. i zhel.-bet. no. 3 125-129 Mr '60.

REINFORCED CONCRETE CONSTRUCTION

(see also subdivision under Uzbekistan)

Investigating the bending strain of reinforced-concrete cantilever components with variable cross section in the area of the action of maximum moment. F. E. Klimenko. Dokl. LPI 2 no. 1/2:55-64 '59.

REINFORCED CONCRETE CONSTRUCTION—CORROSION

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for protecting concrete structures of electrolysis shops against corrosion caused by stray currents, SN 65-59. Approved by the State Construction Committee of the Council of Ministers of the U. S. S. R. on September 2, 1959] Ukazaniia po zashchite zhelezobetonnykh konstruktsii elektrolliznykh tsekhov ot korrozii, vyzyvaemoi bluzhdaiushchimi tokami; SN 65-59. Utverzhdeny Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 2 sentiabria 1959 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 22 p.

REINFORCING BARS

Clamps for prestressing reinforcing bars. Rats. i izobr. predl. v stroi. no. 13·12-14 '59.

Double-groove rolling with guides of ribbed concrete reinforcing bars [with summary in English] A F Minaev and others. Stal' 20 no 3 234-243 Mr '60

Method of arranging and stretching dispersed reinforcements. I. IA. Markelov Trudy TSNIIRF no. 10 109-118 '59.

REINFORCING BARS—CORROSION

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona in zhelezobetona, Perovo. [Instructions for protecting reinforcements of reinforced concrete construction elements from corrosion] Ukazaniia po zashchite armatury zhelezobetonnykh konstruktsii ot korrozii. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 24 p.

RELAPSING FEVER

(see also subdivision under Soviet Central Asia)

Tick-borne relapsing fever. I. D. Netrebko. Vrach. delo no. 1:69-72 '60

RELATIVITY (PHYSICS)

Book on space and time in the theory of relativity ("Problems of space and time in the theory of relativity" by P S Dyshlevyi. Reviewed by N. Melykov, B. V. Plaskovs'kyi). Dop AN URSR no. 2·252-256 '60.

(see also subdivision under Brody District, China, Kiev, Kovylkino, Kursk Province, Lebedin District, Likhobory; Odessa)

Against religious stupefaction. V.Kuznetsov. Isk.kino no.6 51-52 Je '60.

Attack, only attack! M.Vladimirov. Ogonek 30 no.10 7 Mr '60.

Communist construction in the U.S.S.R. and the overcoming of religious survivals. Nauka i rel. no.1 1-8 S '59.

Confession before the people ("Truth about religion; a collection." Reviewed by A.Nemirovskii). Nauka i rel. no.2 90-91 O '59.

Documents about atheism in Russia I Kovalev Nauka i rel no 4 72-73 Ap '60

Faith in God and how it originated. E.IAroslavskii. Nauka i rel. no.3 36-39 N '59.

From books to life. E.Rakhovskaia. Nauka i rel. no.1 80-82 S '59.

Has religion made a useful contribution to civilization? Bertrand Russell. Nauka i rel. no.1 32-39 S '59.

It would be more honest... E.Mushkina. Smena 37 no.4 17 19 F '60.

Model list of subjects for lectures. Nauka i rel. no.2 83 O '59.

On the antihistorical characteristics in the viewpoints of ancient materialists on religion. P.N.Galanza. Vest. Mosk un Ser 8 Ekon.filos. 15 no.3 76-87 My-Je '60.

Open letter to G.P Miroliubov. A.A.Osipov. Nauka i rel no.3:39-45 Mr '60

Rakitov, A I [Harm of religious morality under socialism] V chem vred religioznoi morali pri sotsializme Moskva, Gos izd-vo polit. lit-ry, 1960 46 p. (Bibliotechka agitatora, no. 8)

"Selected atheistic works" by I I. Skvortsov-Stepanov Reviewed by I A. Kryvelev Vest AN SSSR 30 no 6 150-152 Je '60

"We renounce" G Ul'ianov. Nauka i rel no. 4 35-40 Ap '60

What does the Bible teach L Filippov Agitator no 12 44-47 Je '60

Work honestly, breathe freely V.Rozin. Nauka i rel. no 3 46-47 Mr '60.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

Malat, E.V., and N.N.Uzkov. ["Brothers" and "sisters" in Christ] "Brat'ia" i "sestry" vo Khriste. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 70 p.

Origin of the celebration of Easter V. Antonenko Sots. kul't 11 no 3 45-46 Mr '58

Shul'gin, M M. [On the devil and miracles] O d'iavole i chudesakh. Moskva, Gos. izd-vo polit. lit-ry, 1959. 99 p.

Skvortsov-Stepanov, I.I. [Sacrament of the Holy Communion] O tainstve sviatogo prichashcheniia Moskva, Gos. izd-vo polit. lit-ry, 1959 29 p (O religioznykh prazdnikakh i obriadakh)

[Trip to paradise and back] Puteshestvie v rai i obratno. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 70 p.

RELIGION—HISTORY

Kublanov, M. M. [Ancient thinkers on religion] Mysliteli drevnosti o religii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 101 p. (Nauchno-populiarnaia bibliotechka po ateizmu)

RELIGION, PRIMITIVE

Primitive religion. V.F.Zybkovets. Nauka i rel. no.3 62-68 Mr '60.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND ETHICS

Morals in a distorting mirror. P.Kolonitskii. Nauka i rel. no.3 65-68 N '59.

RELIGION AND SCIENCE

Churchmen want to forget it. G.A.Gurev. Nauka i zhizn' 27 no.2:43-49 F '60.

Klor, O. [Natural sciences, religion and the church] Estestvoznanie, religiia i tserkov'. Moskva, Gos. izd-vo polit. lit-ry, 1960. 131 p. (Nauchnaia biblioteka ateista)

Mansurov, N. S. [Science and religion on mental activity] Nauka i religiia o psikhicheskoi deiatel'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 111 p. (Nauchno-populiarnaia biblioteka)

Preachers of ignorance ("Modern theology and science" by I. A. Kryvelev. Reviewed by P. Sivokon') Nauka i zhizn' 27 no. 3 72-73 Mr '60

Science on the universe and religion. V.A.Ambartsumian. Nauka i rel. no.1:9-12 S '59.

Scientists disprove faith in God. G. P'iaskovs'kyi Nauka i zhyttia 10 no. 2,46-50 F '60.

RELIGION AND SCIENCE—BIBLIOGRAPHY see Bibliography—Religion and science

RELIGION AND WOMEN see Women and religion

REMARQUE, ERICH MARIA, 1898-

New life of Remarque heroes L Kopelev. Kul't.i zhizn' 4 no.3 43-46 '60.

REMIZOV, ALEKSEI MIKHAILOVICH, 1877-1957

Koditanskaia, Natal'ia. Aleksei Remizov. Parizh, [1959] 328 p.

REMOTE CONTROL

High frequency narrow-band remote-control channels. M IU.Gel'tsel'. Avtom., telem i sviaz' 4 no.4 9-12 Ap '60.

Keeping the course toward the moon. V. Pavlov. Nauka i zhizn' 27 no. 2:14-16, 38 F '60.

"The magic wand" of Vladimir Kulikov. I.Zaitsev. Smena 37 no 5 16 Mr '60.

Remote control of VTI-15 grain dryers L Tesler, V Zubov Muk -elev prom 26 no 2 13-15 F '60

A thousand wells operating by remote control. Izv.vys ucheb.zav., neft' i gaz 3 no.2 46 '60.

Use of ST-35 apparatus in remote control. S.I.Mitiushev Avtom., telem. i sviaz' 4 no.4:31-33 Ap '60

RENT (ECONOMIC THEORY)

Differential land rent under socialism. S.Strumilin. Vop.ekon. no.7 81-87 Jl '60.

Distribution of differential rent under socialism. M.Bronshtein. Nauch.dokl vys shkoly, ekon.nauki no.1:32-42 '60.

"Land rent in socialist agriculture." Book review. Vop. ekon. no.7,130-131 Jl '60.

Monetary income of collective farms and differential rent. S.Nedelin. Fin.SSSR 21 no.6.40-50 Je '60.

Several problems in the theory of land rent. N.Tiapkin. Vop.ekon. no.7 98-102 Jl '60.

REPAIR AND SUPPLY STATIONS—ACCOUNTING

Methodology of examination papers in the course "Accounting at a repair and supply station." V.I.Baranov Sred.spets.obr. 7 no.3 33-36 Mr '60.

REPAIR AND SUPPLY STAITIONS—COSTS see subdivision under Cheboksary

REPATRIATION see subdivision under Korea, North

REPIN, IL'IA EFIMOVICH, 1844-1930

Il'ia Repin exposes churchmen. A.Varshavskii. Sem'ia i shkola 15 no.2 33-34 F '60

REPORTERS AND REPORTING see subdivision under Stanislav Province

REPOUSSE WORK

Repousse work. A.Pevzner. Sem'ia i shkola 15 no.3: 46-47 Mr '60.

REPRESENTATIVES AND REPRESENTATIVE GOVERNMENT

What is the difference between the deputies of the Supreme Soviet of the U.S.S.R. and the members of the Congress of the U.S.A. Otv.na vop.trud. no.111;55-56 '60.

REPRODUCTION

Biological features of the propagation of livestock. E.F. Polikarpova. Trudy Inst.morf.zhiv. no.31:26-34 '60.

REPRODUCTION (PSYCHOLOGY)

Time delays in the repetition of audible speech [with summary in English]. L.A.Chistovich, V.V.Aliakrinskii, V.A.Abul'ian. Vop.psikhol. 6 no.1:114-120 Ja-F '60.

REPTILES

(see also subdivision under Tajikistan)

Origin of reptiles and certain principles of their classification L.P.Tatarinov. Paleont.zhur. no.4;65-84 '59.

REPTILES AS CARRIERS OF DISEASE

Role of birds and reptiles in the maintenance of foci of the Central Asian tick-borne relapsing fever [with summary in English] N K.Mishchenko. Zool.zhur. 39 no.3;424-428 '60

RESEARCH see subdivision under India; Kharkov; Magadan; Ukraine; White Russia

RESEARCH, INDUSTRIAL

(see also subdivision under Alma-Ata; Ukraine

Improving the work of factory laboratories of economics and production organization A.Osintsev. Plan.khoz 37 no.6.90-92 Je '60.

In chapters of societies. NTO 2 no.3;63 Mr '60.

Our account with economic and planning organizations. A.IAroslavtsev. NTO 2 no.3;53-54 Mr '60.

RESEARCH, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Research, Industrial

RESERPINE

Date from a clinical and an experimental investigation of the properties of reserpine. F V Kovshar' and others. Vrach.delo no.1 91 '60

non-aqueous solvents [with summary in English]. N.P. Dzuba, M.S.Shraiber. Apt.delo 9 no.2 19-22 Mr-Ap '60.

RESERVOIRS

(see also subdivision under Anhwei Province)

Hydrological investigation of reservoirs from a biological standpoint. V I Rutkovskii Trudy Okean kom 5 270-278 '59

Prognostic calculation of reservoir shore transformation. V K Rudakov Gidr.i mel. 12 no.3 61-64 Mr '60.

The theory of bottom currents in reservoirs. I.I.Levi Izv.VNIIG 62 3-17 '59

Ways of reducing expenses for preparatory operations in constructing reservoirs. A B.Avakian, V.I.Vozdvizhenskii, V A.Sharapov. Gidr.stroi. 29 no.3;28-31 Mr '60

RESHETILOVKA DISTRICT—FARM BUILDINGS

Year's work of the district collective farm building organization. F.Naid'on. Sil'.bud. 8 no.2 5-6 F '58.

RESINS, SYNTHETIC

Automatic dosage of catalysts in the production of synthetic resins by the continuous method. Plast.massy no.3 79 '60.

Interrelationships of certain factors in the process of preparation of lacquer resins by the continuous method B A.Potapov Plast.massy no 1 24-29 '60

Laminated plastics based on glass fibers. Report 6 Effect of the degree of polycondensation of polyester resins and of the concentration of the end groups on the properties of resins and glass reinforced plastics P.Z Li and others. Plast.massy no 3 9-12 '60.

Magnetic paste in electric machinery. V.A.Troitskii. Izv.AN Uz.SSR.Ser.tekh.nauk no 1 19-26 '60.

Mechanism underlying the changes in the viscosity of solutions of polyethylphenylsiloxane resin during aging. A.F.Moiseev. Plast.massy no.2 24-26 '60.

Melamine-acetone-formaldehyde resins. I.V.Kamenskii, E.P.Smirnova, A.S.TSepelev. Plast.massy no.2 17-19 '60.

New continuous method of production of phenol-formaldehyde resins V M Demkin, P S Ivanov. Plast massy no.1 29-30 '60.

Pressed compositions made from epoxide resins. N.V. Mitroshichev. Izv.vys.ucheb.zav ;energ. 3 no.4 53-63 Ap '60.

Ural Scientific and Industrial Conference on Ion Exchange Resins. M.V.Vittikh, IU.S.Gorokhdinskii. Plast. massy no.3 77-79 '60.

Urea-formaldehyde concentrate as an intermediate in the preparation of carbamide resins for various purposes I.L.Derkovskaia and others. Plast.massy no 3 13-16 '60

Using synthetic resins in the manufacture of abrasive cloth, I.V.Kamenskii, V.S.Murav'ev Plast massy no.2 52-55 '60.

RESONATORS

Calculation of an endovibrator with a complex form. A.IA IAshkin Izv.vys.ucheb zav., radiotekh 2 no 6 738-741 N-D '59.

RESORCINOL

Direct hydroxylation of 2-substituted dihydroresorcinols. S I Zav'ialov, V.I.Gunar, A.F.Vasil'ev. Izv.AN SSSR Otd.khim.nauk no.5 938 My '60.

Hoesch synthesis Synthesis of benzoresorcinol E N Zil'berman, N.A Rybakova Zhur ob khim 30 no 6 1992-1996 Je '60

Syntheses based on 2-prenyldihydroresorcinol. V I. Gunar, S.I.Zav'ialov. Izv.AN SSSR Otd.khim nauk no.5:937 My '60.

RESPIRATION

Changes in breathing under the influence of industrial callisthenics. V M Matoshin. Teor i prak.fiz kul' 23 no.6 441-446 '60.

Effect of temperature on the intensity of respiration of certain phytohelminths [with summary in English]. N.M.Ladyhina. Dop.AN URSR no 2 228-231 '60.

Respiration V K.Trutnev Zdorov'e 6 no.5 4-5 My '60

Respiration of Enchytraeus albidus Henle [with summary in English]. I.V.Ivleva. Zool.zhur. 39 no.2:165-175 F '60.

Skin respiration in patients with psoriasis N M Petrun', Z A Kornienko. Vrach delo no 4 397-399 Ap '60

Some regularities in the disturbance of gas exchange in endocarditis and circulatory insufficiency G.M.Povolotskaia. Mat.po obm.nauch.inform no.2 105-111 '58

Variation of gas exchange in the tick Hyalomma asiaticum asiaticum P.Sch. et Schl, 1929 under different environmental conditions [with summary in English]. M.V. Maklygin, A.N.Alekseev. Zool.zhur. 39 no.2,297-299 F '60.

RESPIRATORY ORGANS—DISEASES

Connection of changes in the periodontium with diseases of the upper respiratory passages and the hearing organ. A.I.Lisovskaia. Probl.stom. 4:173-176 '58.

Influence of the microclimate of the plant and of industrial labor on the incidence of respiratory diseases among machinery industry workers. G.L.Khazan and others. Vrach.delo no.2:199 F '60.

Foreign bodies of the lower respiratory passages in childhood. N.M.Savel'ev, M.G.Sindul. Zdravookhranenie 2 no.6:51-52 N-D '59.

REST PERIODS
Establishing official rest periods in enterprises. P.Pe[illegible]. Sots.trud 4 no.12:81-88 D '59.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under: Donets Basin; Caucasus; Kaluga; Kamen'; Khabarovsk; Kharkov; Kuybyshev; Kuznetsk Basin; Leningrad; Lugansk; Moscow; Odessa; Pavlodar; Sol'-Iletsk (Orenburg Province); Sverdlovsk Province; Tashkent; Tiflis; Ukraine; Ul'yanovsk; Vologda; Volzhskiy)
Factors in price reduction on products of public food service. A.D.Dolbyshev. Nauch.trudy MGU no.17 135-140 '59.
Important role of professional associations. Obshchestv. pit. no.3:1-3 Mr '60.
Let's develop and improve public food service. S.Va[illegible]. Sov.potreb.koop. 4 no.3:1-5 '60.
Letters to the editor. Obshchestv. pit. no.3:40 Mr '60.
[illegible] of restaurants and remaining materials of the surplus [illegible]. Sov.potreb.koop. 4 no.3:16 '60.

RESTAURANTS, LUNCHROOMS, ETC. — EMPLOYEES
see subdivision under: Moscow

RESTAURANTS, LUNCHROOMS, ETC. — EQUIPMENT AND SUPPLIES
(see also subdivision under: Tashkent)
Buffet in a storage battery car. N.Z[illegible]. Obshchestv. pit. no.3:41-45 Mr '60.
Steam table. S.IAkupov. Obshchestv. pit. no.4:30 Ap '60.

RESTAURANTS, LUNCHROOMS, ETC. — LABOR PRODUCTIVITY
Measuring labor productivity in public food service. L.Chapygin, G.Gotlieb. Sots.trud 5 no.3:65-70 Mr '60.

RESTAURANTS, LUNCHROOMS, ETC. — MANAGEMENT
What should a cafeteria council be like? (survey of letters). Obshchestv. pit. no.3:21-23 Mr '60.

RESURRECTION
"Resurrection of Christ" or Easter. D.I.Sidorov. Nauka i rel. no.3:23-30 Mr '60.

RESUSCITATION
A thousand "miraculous" resurrections. IU.Bekhterev. Nauka i rel. no.1:19-23 Mr '60.

RETAIL TRADE
(see also subdivision under: Apsheronskiy; Finland; Rostov Province; Rybnoye; Transcarpathia; Tula Province; Uzbekistan)
Follow up on published articles. Sov.torg. 33 no.3:30 Mr '60.
For further expansion of cooperative trade. R.Lobakhin. Sov.potreb.koop. 4 no.3:15-20 Mr '60.
Ilin, M.A. [Planning for retail trade and stock] Planirovanie roznichnogo tovarooborota i tovarnykh fondov. Moskva, Gosplanizdat, 1959. 103 p. (MCM)
[Trade abroad, organization, new methods, and equipment of trade and public food service.] Torgovlia za rubezhom; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia. no.7 '60.
Transition to the seven-hour working day. L.Mordasova, G.Rendzevich, A.Kovalskii. Sov.torg. 33 no.3:20-30 Mr '60.

RETAIL TRADE — TEXTBOOKS
We need a contemporary textbook. B.Tomovich. Sov.potreb.koop. 4 no.3:40 '60.

RETICULO-ENDOTHELIAL SYSTEM
Reticuloendothelial system in various forms of endocarditis as shown by blood and bone marrow sampling. M.A.Chepuleva. Mat.po obm.nauch.inform. no.2: 223-230 '58.

RETINA — DISEASES
Combination of retinitis pigmentosa with glaucoma. V.I. M[illegible]. Oft.zhur. 12 no.4:246-247 '57.
Treatment of acute disorders of the arterial retinal blood circulation with acetylcholine. Report no.1. Z.D. K[illegible]. Oft.zhur. 12 no.4:216-220 '57.

REUTOVO — PROSTHESES
Seven-hour day. P.Semidelova. Sots.obesp. 31 no.2: 13-15 F '60.

REVOLUTIONISTS
[illegible] of the eleven men. V.Mikhailov, P.Pavlov. Ogonek 38 no.10:14 Mr '60.
Levitov, S.M. [First Russian revolutionary workers] Pervye russkie rabochie revoliutsionery. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, Leningr. otd-nie, 1959. 33 p.

[illegible]
Meetings with Vera Khoruzhaia. S.Pap[illegible]. Ogonek 38 no.5:16-17 Ja '60.

REVOLUTIONS — see subdivision "February Revolution, 1917" under: Russia; subdivision "Revolution, 1917-1921" under: Buryat Mongolia; Caucasus; Fergana; Khotin District; Leningrad; Moscow; Ossetia; Russia; Samarkand Province; Soviet Central Asia; Tula; Turkestan; Ural Mountain region; subdivision "Revolution of 1905" under: Russia; subdivision "Revolution, 1917-1921 — Aerial Operations" under: Russia; subdivision "Revolution, 1917-1921 — Food question" under: Karelia, Kazakhstan; subdivision "Revolution 1917-1921 — Personal narratives" under: Russia; subdivision "Revolution of 1905 — Underground literature" under: Transcaucasia

REWARDS (PRIZES, ETC.)
Awarding gold medals and name prizes. Vest. AN SSSR 30 no.6:16 Je '60.
Awards to women employees of institutions of the Academy of Sciences of the U.S.S.R. Vest. AN SSSR 30 no.6:97 Je '60.
Decree of the Presidium of the Supreme Soviet of the U.S.S.R. Gidr. stroi. 30 no.3:1 Mr '60.
In the Presidium of the Supreme Soviet of the U.S.S.R. Gidr. stroi. 30 no.3:1 Mr '60.

REYNOLDS NUMBER
Increase of the Reynolds number during motion of a liquid in curved pipes. I.Z.Aronov. Izv.vys.ucheb. zav.; energ. 3 no.4:137-138 Ap '60.

RHENIUM — ANALYSIS
Determination of rhenium by the differential spectrophotometric method. [illegible] M.Maltsev, [illegible] IU.A.Chernikhov. Zav.lab. 26 no.1 [illegible]

RHEOLOGY
Instrument for simultaneous study of [illegible] rheological properties of viscoplastic [illegible] V.P.Pavlov, G.V.Vinogradov [illegible] no.1 [illegible] '60.
New rheological apparatus and [illegible] colloidal systems and solutions of polymers. [illegible] Vest. AN SSSR [illegible]

RHEUMATIC FEVER
(see also subdivision under: Ukraine)
Capillaroscopic picture of the skin in patients with rheumatic fever and infectious nonspecific polyarthritis and its change following treatment with adrenocorticotropic hormone and cortisone. G.V.IA[illegible]. Mat.po obm. nauch.inform. no.2:101 [illegible] '58.
Clinical and functional [illegible] N.I.Lobanova [illegible] Vrach.delo [illegible]
Pathogenetic and clinical unity of rheumatic [illegible] septic endocarditis. A.M.[illegible]. Mat.po obm.nauch. inform. no.2:3 [illegible] '58.
Organizational and methodological work of the Ukrainian Institute of Clinical Medicine in the [illegible] rheumatic fever and cardiovascular diseases [illegible] K.M.[illegible]. Mat.po obm.nauch.inform. no.2: 177-180 '58.
Some data on the effectiveness of [illegible] of rheumatic fever patients. [illegible] no.4:47 Ap '60.

RHEUMATISM
Coronary insufficiency as shown by electrocardiographic data on patients with acute rheumatism. V. [illegible] ko. Mat.po obm.nauch.inform. no.2:54-58 '58.
Rheumatism in children. [illegible] Med. sestra 19 no.2:44-45 F '60.

RHIZOSPHERE MICROBIOLOGY
Effectiveness of different races of nodule bacteria in their symbiosis with different varieties of lupine [with summary in English]. M.V.Fedorov, K.A.[illegible]. Izv. TSKhA no.6 [illegible] '59.
Studying the role of microflora in the [illegible] cotton plant. [illegible] no.1 [illegible] '60.

RHODIUM COMPOUNDS
Spectrophotometric investigation of [illegible] preparing rhodium [illegible] complexes [illegible] N.I.Tarasevich. Vest.Mosk.un.Ser.2:Khim. 15 no.2:58-63 Mr-Ap '60.

RHODODENDRON
Rhododendrons; what do you know about them? [illegible] no.4:29 Ap '60.

RHUBARB see subdivision under: Kazakhstan

RIBS — FRACTURE
Contusions of the thoracic cavity and rib fractures. [illegible] V.A.Volkonskii [illegible] 1960 Mr '60.

RICE
(see also subdivision under: Astrakhan Province; Kuban)
Effect of processing methods on the vitamin [illegible] cooked whole rice. V. [illegible] INEH no. [illegible]

[illegible]

ROAD CONSTRUCTION (Continued)

Leading role of Soviet women in the expansion of highway construction in our country. Avt. dor. 23 no 3 2-3 Mr '60.

New book on municipal public transportation. IU. Galorea. *Zhil.-kom. khoz.* 10 *no.* 4:34 '60.

Ornatskii, N. V., ed. [Handbook for road engineers] Spravochnik inzhenera dorozhnika. Moskva, Nauchno-tekhn. izd-vo, 1959. 1 v.

Our common concern is the construction of good highways A Nikolaev. Avt. transp 38 no. 3 1-3 Mr '60

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 20. [Construction and repair work] Remontno-stroitel'nye raboty.

No. 2. [Road construction] Dorozhnye raboty. 1960. 71 p.

Using rail frames in levelling slopes. V. I. Gritsyk, S. N. Bobylev. Avt. dor. 23 no. 4:18 Ap '60.

ROAD CONSTRUCTION—STUDY AND TEACHING

Letters to the editor. Avt. dor. 23 no. 4:31-32 Ap '60.

ROAD CONSTRUCTION WORKERS see subdivision under Estonia

ROAD DEPARTMENTS see Highway departments

ROAD MACHINERY

(see also subdivision under Baltic States)

Foreign machinery for constructing cement-concrete pavements. V. G Klement'ev, M. I Estin. Stroi. i dor. mashinostr. 5 no. 3 36-40 Mr '60.

Interchangeable equipment for maintaining and repairing roads. K V. Avt. dor 23 no. 3 18-19 Mr '60

Light-duty D-464 asphalt placer. B. F. Tarianskii, M. Z. Tobak. Stroi. i dor. mashinostr. 5 no. 3 12-13 Mr '60.

Machine for moistening soil. N. Ivlev. Avt. dor. 23 no. 3 15 Mr '60

Machines are building roads. L. Losev. IUn. tekh. 4 no. 3:25-27 Mr '60.

Technology of and equipment for laying cement-concrete pavements. M S Zel'manovich. Stroi. i dor mashinostr. 5 no. 3.20-23 Mr '60.

ROAD MACHINERY—HYDRAULIC DRIVE

The D-446 motor grader with hydraulic drive. A. M Druzhinin. Stroi. i dor. mashinostr. 5 no. 3.10-12 Mr '60

ROAD MACHINERY—MAINTENANCE AND REPAIR

Reducing the amount of labor expended in maintaining road machinery V. V. Makarov. Avt. dor. 23 no 3: 14-15 Mr '60.

ROAD MATERIALS

Improving properties of rock materials of various strength. B. I. Kurdenkov. Avt. dor. 23 no. 6:22-23 *Je '60.*

Raising technical standards and increasing labor productivity. E. M. Tentser. Avt. dor. 23 no. 4:17-18 Ap '60.

Use local materials in road construction. E. Pinus, A. Poliakova. NTO 2 no. 3:13-14 Mr '60.

Using crushed-stone wastes. A. G. Zakharov. Avt. dor. 23 no. 6:23 Je '60.

ROADS—DESIGN

Calculating the virtual tractional length of highways taking into account vertical curves. A. E. Bel'skii. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12:155-162 '59.

New norms and technical specifications for designing city streets, roads, and squares. D. K. Kozlovskii. Avt. dor. 23 no. 4:20-30 Ap '60.

Norms for designing low-cost roads. M. S. Zamakhaev. Avt. dor. 23 no. 4:26-27 Ap '60.

Principles and methods of designing highway roadbeds. I. A. Nosich. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 11/12: 163-177 '59.

ROADS—ESTIMATES AND COSTS

Methods for comparing highway variants in conducting economic investigations. S. A. Shimel'fenig. Avt. dor. 23 no. 6:25-26 Je '60.

ROADS—MAINTENANCE AND REPAIR

(see also subdivision under Ukraine)

Improve the organization of the maintenance and repair of roads. Z. IA. Kharchenko. Avt. dor. 23 no. 4:3-4 Ap '60.

ROADS, GRAVEL

(see also subdivision under Tatar A. S. S. R.)

Using calcium chloride in controlling dust and consolidating road pavements. S. A. Kalganov. Avt. dor. 23 no. 6:24 Je '60.

ROADS, TARRED see subdivision under Tomsk Province

ROADSIDE IMPROVEMENT

People, beautify your street! A. Momotova, G. Alimova. IUn. nat. no. 4:21-23 Ap '60.

ROBBER FLIES

Robber flies of the genus Ommatinus Becker (Diptera, Asilidae) in the fauna of the U. S S. R. [with summary in English]. V. A. Rikhter. Ent oboz. 39 no. 1:200-204 '60.

ROBESPIERRE, MAXILILIEN FRANCOIS MARIE ISIDORE DE, 1758-1794

Levandovskii, A. P. [Maximilien Robespierre] Maksimilian Robesp'er. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 495 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 23[289])

ROCK DRILLS

Power drilling of rocks. G. F. Bykhovets. Mekh i avtom proizv. 14 no. 3 30 Mr '60.

ROCK DRILLS—TESTING

Testing rock drills used in rotary drilling of boreholes of a new shape and design. I. E. Rudavskii. Izv. vys. ucheb. zav., geol. i razv. 2 no. 10 111-116 O '59.

ROCK PRESSURE—TESTING

Optical polarization method of studying rock pressure problems in a field of centrifugal forces. M. V. Guminskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3: 109-115 My-Je '60.

ROCKET RESEARCH

Brief study on the development of rocket research in the U.S.S.R. V.N. Sokol'skii. Trudy Inst. ist. est. i tekh. 29 3-19 '60.

ROCKET SHIPS see Space ships

ROCKETRY

Youth of an ancient science. IU. Batrakov. Zvezda no 2:140-154 F '60.

ROCKETS (AERONAUTICS)

For flights to the stars. Sov. Soiuz no. 2:53 '60.

Forward and higher! N. D. Anoshchenko. Ogonek 38 no. 5.4 Ja '60.

Kosmodem'ianskii, A. A. [K. E. TSiolkovskii; his life and his work on rocket engineering] K. E TSiolkovskii—ego zhizn' i raboty po raketnoi tekhnike. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 186 p. (Nauchno-populiarnaia biblioteka)

[Problems of rocket engineering; translations and surveys of foreign periodical literature.] Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury 10 no. 6 '60.

To the mark! Znan. ta pratsia no. 3:1 Mr '60.

Today the moon.., and then? A. N. Nesmeianov. Vsem. stud. nov. 14 no. 2:1-2 F '60.

ROCKETS (AERONAUTICS)—FUEL

[Problems in the combustion of rocket fuels; collection of translated articles. Preface by V. A. Popov] Voprosy goreniia raketnykh topliv; sbornik perevodov. Pod red. V. A. Popova. Moskva, Izd-vo inostr. lit-ry, 1959. 450 p.

ROCKETS (ORDNANCE)

Polaris and Jules Moch. Nov. vrem. 18 no. 27:22 Jl '60.

Right on the target! Kryl. rod. 11 no. 2:2 F '60.

Theorem of Langevin. A. D. Kolmakov. Trudy TGU 144: 97-108 '59.

ROCKS—ANALYSIS

Photometric determination of thorium in rocks by means of arsenazo III. S. B. Savvin, V. V. Bagreev. Zav. lab. 26 no. 4:412-415 '60.

ROCKS—DENSITY see subdivision under Karamazar Mountains

ROCKS—MAGNETIC PROPERTIES see subdivision under Russian Platform

ROCKS—THERMAL PROPERTIES

Some factors determining the specific heat and its variation in the anhydrous mineral portion of soils and rocks. E. A. Dmitriev. Vest. Mosk. un Ser. biol., pochv., geol., geog. 14 no. 3.79-84 '59.

ROCKS, CARBONATE see subdivision under Altai Mountains; Azerbaijan; Sayan Mountains

ROCKS, IGNEOUS see subdivision under Bodrak Valley; Sandyk, Mount (Kirghizistan); Transbaikalia

ROCKS, SEDIMENTARY

(see also subdivision under Tuva Autonomous Province; Yassy Valley)

Division of Fergana molasses according to their rhythms of stratification based on seismic prospecting data. V. A. Pak. Uzb. geol. zhur. no. 6:55-62 '59.

Titanium aluminum ratio in sedimentary rocks [with summary in English]. A. A. Migdisov. Geokhimiia no. 2: 149-163 '60.

RODENTS AS CARRIERS OF DISEASE

Methods of teaching problems of natural focus infection in a course on epidemiology [with summary in English]. K Z Levtova Zhur mikrobiol epid. i immun 31 no 2 119-122 F '60

Problem of the physiological evaluation of rodents as carriers of plague and the one-host concept of its natural foci [with summary in English] IU. M Rall', V N Fedorov Zhur. mikrobiol. epid. i immun 31 no. 2 29-35 F '60

Some data on natural leptospirosis infection in white mice [with summary in English]. F S Malykh Zhur mikrobiol epid i immun. 31 no 2 71-74 F '60

Use of cortisone for the diagnosis of latent plague infection Report No 1 Diagnosis of latent plague infection in gerbils (Meriones meridianus Pall) with the aid of cortisone-treated white mice [with summary in English] A. I. Shtel'man Zhur mikrobiol epid i immun. 31 no. 2:39-44 F '60

ROJAS, MANUEL, 1896-

Manuel Rojas' new novel ("Better than wine" [in Spanish] by Manuel Rojas. Reviewed by T. Kolosovskaia). Inostr lit. no. 2:268-269 F '60.

ROLLER BEARINGS

Introducing the use of rolling bearings for rolling stock I. I. Draichik, V. F. Deviatkov. Zhel-dor. transp. 42 no. 4.44-49 Ap '60.

Modernized P53M device for measuring the width of the race for internal rings of spherical roller bearings during grinding. I. V. Veremeichik. Mash. Bel. no. 6: 174-175 '59.

ROLLERS (EARTHWORK)

The D-390 shuttle-type roller with drop weights. F P. Petrov Stroi i dor mashinostr 5 no 3 13-16 Mr '60

New road rollers. K. Varkhotov. Avt dor. 23 no. 3:28 Mr '60

ROLLING (AERODYNAMICS)

Rolling of airplanes caused by gusts. A. S. Dubov. Trudy GGO no. 98:3-16 '59.

ROLLING (METALWORK)

Deformation of large-size aluminum ingots by rolling. I. I. Ivanov, A. I. Kolpashnikov. Trudy MATI no. 44:5-12 '60.

Double-groove rolling with guides of ribbed concrete reinforcing bars [with summary in English] A. F Minaev and others Stal' 20 no 3 234-243 Mr '60

Expansion during rolling. V. P. Severdenko, E. S. Volachek. Dokl. AN BSSR 4 no. 3 91-94 Mr '60.

Formation of a cubic texture in iron-silicon alloys. Chou P'ên-hsin, Wang Wei-ming, Cheng Nên-huang. Fiz. met. i metalloved. 8 no. 6 885-891 D '59.

Industrial processes in the production of aluminum alloy sheets. A. I. Kolpashnikov, V. D. Korolev. Trudy MATI no. 41:39-46 '60.

Introduction of a new shape for automobile wheel rims B M Iliukovich Metallurg 5 no 3 27-29 Mr '60.

Leading at deformation center boundaries. M. N. Poloskuev. Izv. vys. ucheb. zav., chern. met. no. 5:61-67 '60.

More accurate determination of metal pressure on rollers A. A Korolev Vest mash 40 no. 4 14-19 Ap '60

Production of large-sized cold-rolled sheet from VT-1D alloys. V. F. Kalugin and others. Titan i ego splavy no. 2:133-144 '59.

Production of standard-size ball bearing steel rods. V. F IUsupov Metallurg 5 no 3 22-24 Mr '60.

Rolling PS-107A shapes made of alloyed steel. M. V Shuralev, S G Nekrasov. Metallurg 5 no. 3 24-26 *Mr '60.*

Using rough rolls for dressing tin plates. V. P. Severdenko and others. Mash. Bel. no. 6:44-48 '59.

Workability of alloys in the aluminum - magnesium system. N. N. Bobrov. Trudy MATI no. 44:47-53 '60.

ROLLING MILLS

(see also subdivision under Chelyabinsk)

Efficient number of soaking pits for blooming mill operation. S. E. Rostkovskii Stal' 20 no. 3:274-278 Mr '60.

The 120 rolling mill. E. M. Bortunov. Biul tekh.-ekon. inform. no. 3:5-7 '60

Trends in the development of guide equipment V P. Fedin, I. F. Prikhod'ko, N. F. Gritsuk. Metallurg 5 no. 3 17-22 Mr '60.

ROLLING MILLS—MAINTENANCE AND REPAIR

Mechanizing the replacement of top roll chocks V. G. Attarian. Metallurg 5 no. 3:31-32 Mr '60

ROLLING MILLS—SHOCK ABSORBERS

Redesign of shock absorbers for long-stroke cylinders of piercing and reeling machines A. F Krisanov. Metallurg 5 no 3 32-33 Mr '60.

ROLLING MILLS—TECHNOLOGICAL INNOVATIONS

Modernizing rolling mills. I. M. Ivanova. Mashinostroitel' no. 3:5 Mr '60.

Efficient finishing grooves on the 300 rolling mill for round sections of 14-32 mm N I Tereshenkov Stal' 20 no 3 253-254 Mr '60.

ROMAINS, JULES, 1885-

What Jules Romains forgot and remembered ("Reminiscences and confidences of a writer' [in French] by Jules Romains. Reviewed by A. Mikhailov). Inostr. lit no.1 251-252 Ja '60

ROMASHKINO REGION—PETROLEUM GEOLOGY

Characteristics of the water-oil contact of Devonian pools in the Romashkino field. A. G. Zabirov Trudy VNIGNI no 20 107-111 '59.

ROME—ARCHAEOLOGY

Archaeological documentation of ancient Rome ("Early Rome "Vol 1 Stratigraphical researches in the Forum Romanum and along the Sacra via, Vol 2 The tomb [in English] by E. Gjerstad. Reviewed by L. A. El'nitskii) Vest drev. ist. no 1 150-158 '60.

ROME—HISTORY

Scriptores Historiae Augustae, conclusion Translated by S. P. Kondrat'ev under the editorship of A. I. Dovator Notes by S P. Kondrat'ev Vest. drev. ist. no. 1 211-239 '60.

ROME—LAND TENURE

Latifundia during the second century B. C , according to the interpretation of the seventh chapter of the first book of Appian's "Civil wars." V. I. Kuzishchin Vest drev. ist no. 1 46-60 '60.

ROME—OLYMPIC GAMES

Before the Olympic games in Rome A Maksimov Voen znan 36 no 6 27-28 Je '60

ROME—SOCIAL CONDITIONS

Meetings in Rome. E. Popovkin. Ogonek 38 no. 13:20-21 Mr '60

ROME—VETERANS

A study of land allotments to veterans in ancient Rome. V. Vinogradov. Vest. drev. ist. no. 1 108-112 '60

ROOFING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for making and using cold bituminous mastics for covering roofs with rolled materials] Ukazaniia po prigotovleniiu i primeneniiu kholodnoi bitumnoi mastiki dlia ustroistva krovel' iz rulonnykh materialov. Moskva, Biuro tekhn. informatsii, 1959. 6 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Using rolled roofing materials in constructing roofs] Ustroistvo pokrytii s rulonnoi krovlei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 180 p.

Coarse-grained material made of kaolin quartz wastes to be used in producing Ruberoid. Rats. i izobr. predl. v stroi. no. 13:60-61 '59.

"Kostroilit" as roof material. IA. Naletov. Pozh. delo 6:14 Je '60

Methods for calculating time required for drying roofing paper Z. Sh Nirenshtein Stroi mat 6 no 3 33-35 Mr '60

Pneumohydraulic unit for transporting chopped rags Rats i izobr predl v stroi no 14 75-79 '60

Urgent objectives in the expansion of the soft roofing materials industry. V. G. Fel'zenbaum, E. P. Efimova. Stroi. mat. 6 no. 4:3-6 Ap '60.

ROOFING—EQUIPMENT AND SUPPLIES

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Album of technological schemes and drawings of the equipment, instruments, and devices to be used in covering roofs with rolled materials] Al'bom tekhnologicheskikh skhem i chertezhei oborudovaniia, instrumentov i prisposoblenii dlia ustroistva krovel' iz rulonnykh materialov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 48 p.

ROOFING, CONCRETE

Combined panels for building roofs without attics. A. Tonoian. Stroitel' no. 4:23 Ap '60.

Monolithic precast reinforced concrete arched roofs for industrial buildings. M. Savin, P. Tul'chyns'kyi Bud mat. i konstr 2 no 1 41-43 F '60

Precast reinforced concrete flat panel roofs. V. Shevchenko, B. Lobazov. Stroi. i arkhit. Mosk. 9 no. 6:21-23 Je '60.

Precast roofs without attics. I. Khlusov. Stroitel' no. 4: 22-23 Ap '60.

Using current-conducting sheet rubber in constructing reinforced cement roofs A I. Ansheles, L S Shifrin. Stroi i arkhit. Len 22 no 2 27-28 '60

Device for turning cross blades of SM-275 rotary cutters L P Bush Stroi mat 6 no 3 31 Mr '60

ROOFING TILES see Tiles, Roofing

ROOFS

Instruction for determining snow loads on roofs V. A. Otstavnov Stroi. mekh. i rasch soor. 2 no 1 50-51 '60

Light long-span roofs over physical education facilities. N. M. Reznikov. Teor. i prak. fiz. kul'. 22 no. 12 889-895 '59.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for determining snow loads acting on roofs of buildings, SN 69-59] Ukazaniia po opredeleniiu snegovykh nagruzok na pokrytiia zdanii, SN 69-59. Utverzhdeny Gos. komitetom Soveta Ministrov SSSR po delam stroitel'stva 23 sentiabria 1959 g. Izdanie ofitsial'noe. Moskva, Gos. izd-vo polit. stroit., arkhit. i stroit. materialam, 1959. 9 p.

Snow load norms for structures and buildings. V. D. Uryvaev. Meteor. i gidrol. no. 6:25-27 Je '60.

ROOFS, SHELL

Smol'skaia, A. Z., and A. V. Gurenkov. [Efficient methods for assembling precast and precast-monolithic shell roofs] Ratsional'nye metody montazha sbornykh i sborno-monolitnykh svodov-obolochek. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 72 p.

ROOTS (BOTANY)

Characteristics of root secretions of some plants. H. I. Untilova. Visnyk sil' hosp nauky 3 no. 3,68-72 Mr '60.

Coalescence of the root systems of trees. B. Berchenko. Nauka i zhyttia 10 no. 1:28-29 Ja '60

Data concerning investigations on root systems of semidesert plants. G. P Belostokov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no 1:56-71 '59.

Effect of irradiation on the permeability of Vicia faba roots. T. G. Mamedov. Biofizika 5 no. 1,85-87 '60.

Features of the microstructure of wood from the roots of certain conifers. V. E. Vikhrov Dokl. AN BSSR 4 no. 2 74-77 F '60.

Growth of active peach tree roots during various periods of the year. O. H Usov Visnyk sil'. hosp. nauky 3 no. 3 72-74 Mr '60.

Restoration of the plum root system following injury. T.G. Muminov. Dokl AN Uz. SSR no. 11 55-60 '56.

Some characteristics of the root system in two-year-old plants of five Evonymus species under conditions prevailing in Leningrad Province P. K. Krasil'nikov. Bot. zhur. 45 no. 3 394-397 Mr '60

Stimulation of root formation in cucumber cotyledons by phytogenic organic substances from the air [with summary in English]. O. I. Bezkhlibnyi Ukr. bot. zhur. 17 no. 1:46-50 '60.

ROOTS (BOTANY)—ANATOMY

Structural characteristics of upper adventitious roots in wheat V F Dorofeev Bot zhur. 45 no 2 276-279 F '60

ROOTSMÄE, TAAVET IANOVICH, 1885-1959

Taavet IAnovich Rootsmäe, obituary Astron. tsir no 204 20-21 S '59.

ROPE—CLEANING

Machine for washing ropes. E. B. Krutous. Mashinostroitel' no. 3:22 Mr '60.

ROSES

(see also subdivision under Bulgaria; Mari A. S. S. R.)

Cultivation of roses for essential oils in the U. S. S R S. G Saakov Trudy Bot. inst. Ser. 5 no 6 279-312 '60.

ROSTOV—CORRESPONDENCE SCHOOLS AND COURSES

An important sector of personnel work. V. Khachatur'ian. Sov. potreb. koop. 4 no. 3:65-66 Mr '60.

ROSTOV—MEAT—DRYING

Drying pieces of meat by sublimation. A. V. Sinitsyn. Kons. i ov. prom. 15 no 3,24-26 Mr '60.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY—PRODUCTION STANDARDS

Creative initiative of our workers and establishment of work norms P. Kolesnikov. Sots. trud 5 no. 3:13-18 Mr '60.

ROSTOV-ON-DON—BOOKSELLERS AND BOOKSELLING

What does the Rostov experience reveal? M Arbuzov Sov knizh torg. 12 no 2 10-12 F '60

ROSTOV-ON-DON—BUILDING RESEARCH

Institute of Construction (Rostov-on-Don). A. K. Beketov. Izv. ASiA no. 2:176-177 '59.

ROSTOV-ON-DON—METALLURGICAL LABORATORIES

Work of the central laboratory of the Rostov-on-Don Agricultural Machinery Plant. P. M. Sapov. Zav. lab. 26 no. 4:507-508 '60.

TEACHING

Philosophical life in Rostov-on-Don. A. V. Potemkin, I. T. IAkushevskii. Vop. filos 14 no 6:157-160 '60.

ROSTOV-ON-DON—SOCIAL SCIENCES—STUDY AND TEACHING

Basic theoretical problems of the present should be developed constructively. A. F. Tarasov, E. I Varegina, N N. Shchemelev. Vest. vys. shkoly 18 no. 7:62-68 Jl '60.

ROSTOV-ON-DON—SPORTS

Let's discuss it! Kh. Popov'ian, IU. Dubrov, N. Miroshnichenko. Smena 37 no. 4:21 F '60.

ROSTOV PROVINCE—AGRICULTURE—STUDY AND TEACHING

Yesterday and tomorrow of student brigades on the Don. M. Ivanenko, I. Aleksandrovskii. Nar. obr no. 6:59-63 Je '60

ROSTOV PROVINCE—BUILDING MATERIALS INDUSTRY

More attention to the building materials trade. D. Bedenko. Sov. potreb. koop. 4 no. 3:60-61 Mr '60.

ROSTOV PROVINCE—CANNING INDUSTRY

Developing the resources of raw products for the canning industry in the Rostov Economic Region. N. I. Firsov. Kons. i ov. prom. 15 no. 3:31-33 Mr '60.

ROSTOV PROVINCE—COLLECTIVE FARMS—AUDITING AND INSPECTION

Introducing suggestions concerning auditing commission work. G. D. Maksimenko. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:51 Mr '60.

ROSTOV PROVINCE—ELECTRIC POWER

Work of the Power Supply Section of the Rostov Regional Power System in connection with electric power savings. F. V. Mezinov. Prom. energ. 15 no. 4,7-8 Ap '60.

ROSTOV PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Paleolithic expedition of the Anthropological Institute and Museum of the Moscow University in 1957-1959. M D. Gvozdover, N. O. Bader. Vop. antr. no 2:127-132 '60.

ROSTOV PROVINCE—MACHINERY INDUSTRY

Regulating wages in an economic region. V. Novikov. Sots. trud 5 no. 2:102-106 F '60.

ROSTOV PROVINCE—RETAIL TRADE

Cooperative trade in cities. V. Burmistrov. Sov. potreb. koop. 4 no. 3:51-57 Mr '60.

ROSTOV PROVINCE—WORKING MEN'S CLUBS

Why is it so dull in our Palace of Culture? I. Sukhov, V. Tumanov. Mast. ugl. 9 no. 2:22 F '60.

ROTARY AMPLIFIERS

Power coefficient of an autodyne. L. S. Pisarik. Izv. vys. ucheb. zav., energ. 3 no. 4:34-39 Ap '60.

ROTARY KILNS see Kilns, Rotary

ROTATION OF CROPS

Intermediate crops are an additional possibility for increasing the yield of farm crops [with summary in English]. S. A. Vorob'ev, A. P. Kruponina. Izv. TSKhA no. 6:45-56 '59.

Problems concerning efficient utilization of the perennial grass sod in peat soils S G Skoropanov, M M Shahunina, T N Pashina. Trudy Belar nav.-dasl inst. mel i vod hasp 8 205-218 '58

Rotation of crops. S. Lysohorov. Nauka i zhyttia 10 no. 2:32-34 F '60.

Studying various elements of a correct crop rotation system [with summaries in English, German, and French]. D. I. Burov. Vest. sel'khoz. nauki 5 no. 2: 29-32 F '60.

ROTORS—VIBRATION

Natural frequencies of a rotor supported by sliding bearings. V. I. Olimpiev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3:12-16 My-Je '60.

Nonstationary vibrations of a flexible shaft on elastic supports taking the gyroscopic effect into consideration [with summary in English]. V. A Hrobov. Prykl mekh 6 no 1:20-30 '60.

ROTT, A. V., 1900-

Brief news. Vrach. delo no. 1:109-110 '60.

ROUX, JACQUES, 1752-1794

Political and socio-economic views of Jacques Roux. IA. M. Zakher. Nauch. dokl. vys. shkoly; ist. nauki no. 1: 128-139 '60.

ROWING

Hundredth anniversary of rowing as a sport. G. Vital'ev. Teor. i prak fiz. kul' 23 no. 6:478-479 '60.

RUANDA-URUNDI—POLITICS AND GOVERNMENT

Ruanda-Urundi awaits freedom. V. Karpushina. Ogonek 38 no. 17.22 Ap '60.

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

Talented popularizer and promoter of science. N. A. Rubakin. Nauka i rel. no. 2:65-66 O '59.

RUBBER

(see also subdivision under Voronezh)

Activated diatomite, a new filler for rubber [with summary in English]. F. D. Ovcharenko and others. Dop AN URSR no. 1 54-59 '60.

Effect of finishing compositions on the binding strength between tire cord and rubber. T. V. Ionova and others. Khim. volok. no. 1:30-31 '60.

Formulation and compounding of X-ray protective rubbers and evaluation of their protective properties S I Vorona, E N. Kuzina Kauch i rez 19 no 2 35-43 F '60.

Preparation and basic properties of styrene and rubber graft copolymers. A. A. Berlin, I. A. Khanukaeva. Kauch. i rez 19 no. 6.20-22 Je '60.

Prospects for natural rubber (from "Rubb J n Intern Plast" no 6 1959) Kauch i rez 19 no 2 56 F '60

Role of the composition of rubber mixes during the biological deterioration of rubber goods A Petruiova, V. Zanova Kauch i rez 19 no 2 16-17 F '60

Rubbers and other polymers used in the automobile industry (from "Chem Eng News," no 23, 1959) Kauch i rez 19 no 2 58 F '50

Some particular features of the use of the "leikonat" adhesive for bonding rubber to metal. D. G. Lipkina, M. V. Timofeeva. Kauch. i rez 19 no. 3 29-37 Mr '60.

Volatilization of ingredients from polymers [with summary in English] L G Angert, A I Zenchenko, A S Kuz'minskii Koll zhur 22 no 1 2-8 Ja-F '60

RUBBER—BIBLIOGRAPHY see Bibliography—Rubber

RUBBER—TESTING

Effect of mercaptobenzothiazole salts and metal oxides on the properties of natural rubber vulcanizates. F. F. Koshelev, K'ung K'e-ch'êng. A. E. Kornev. Kauch. i rez 19 no. 3 25-29 Mr '60

Investigating the compression of round section rubber rings and cylindrical specimens B M Gorelik, M F Bukhina, A V Ratner Kauch i rez 19 no 2 23-29 F '60

Methods of testing the tear resistance of rubbers A I Lukomskaia Kauch i rez 19 no 2 6-12 F '60

Rubber expansion joints in underground gas pipelines. G. A. Blokh and others. Gaz. prom. 5 no. 3 25-30 Mr '60.

Study of the wear resistance of rubber by means of a metal gauze G S. Klitenik, S. B. Ratner. Kauch. i rez. 19 no. 3:19-25 Mr '60

RUBBER, RECLAIMED

Bituminous binding materials made with reclaimed rubber. D. D. Surmeli, A P. Parfenov. Avt. dor. 23 no. 6.19-20 Je '60.

Mechanism of the process of rubber reclaiming; survey. V. F. Drozdovskii. Kauch. i rez. 19 no. 6:40-44 Je '60

RUBBER, SYNTHETIC

(see also subdivision under France)

Adhesion of synthetic rubbers to different high molecular weight substrata S. S. Voiutskii, V. L. Vakula. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:186-189 '60.

Characteristics of the vulcanization of SKMS-30 rubber compounds without filler. I. E. Vinitskii. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:182-185 '60.

Effect of some organic compounds on the process of vulcanization of nairit N. D. Zakharov, L. V. Makarova. Kauch i rez. 19 no. 6 23-26 Je '60.

Properties of the SKI-3, new synthetic isoprene rubber. V. N. Reikh and others. Kauch. i rez. 19 no. 3 1-5 Mr '60.

Rozen, B. IA. [Wonderful materials] Udivitel'nye materialy. Moskva, Izd-vo "Znanie," 1959. 85 p.

Synthetic latexes in the manufacture of chalk overlay paper Z. L Zosim, G. IA. Bunin, I N Koval'chuk Bum. prom 35 no. 3:18-20 Mr '60.

RUBBER, SYNTHETIC—CONGRESSES

Third conference of the Workers' Group on synthetic rubber I V. Borodina Kauch. i rez 19 no 2 51 F '60.

RUBBER COATINGS

Create a large-size workshop for rubberizing machine parts. N. Moiseenko. Nar khoz Kazakh 18 no. 3 45-46 Mr '60.

RUBBER GOODS

"Rubber goods for engineering uses" by V. A. Lepetov. Reviewed by V G. Epshtein. Kauch. i rez. 19 no 6 64 Je '60.

Study of certain factors affecting the strength of stamped seams. IU. R. Bel'skaia, V. S. Zateev, S. M. Mezhikovskii. Kauch. i rez. 19 no. 6:47-52 Je '60.

RUBBER GOODS—TESTING

Polarization-optical method of investigating stresses in packing parts. T. L. Lavrent'eva and others. Kauch. i rez. 19 no. 3 37-40 Mr '60.

RUBBER INDUSTRY

(see also subdivision under Leningrad)

Information on socialist obligations accepted by the staffs of the research institutes for 1960. Kauch. i rez. 19 no 6 57 Je '60.

Statistical quality control. Kauch. i rez. 19 no. 3 59 Mr '60

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES—CONGRESSES

Conference on the automatic control and mechanization of the rubber industry M V Potemkina Kauch i rez 19 no 2 48-50 F '60

RUBBER MACHINERY

(see also subdivision under Bobruysk, United States)

Powerful extruding machines mounted below mixers. N V Priklonskaia. Kauch. i rez. 19 no 6 10-19 Je '60.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS

(see also subdivision under Austria)

Conditions of the formation of rubberized fabrics as a factor in their gas permeability. M. G. Maizel's, V. G. Raevskii, I. T. Gridunov. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1.179-181 '60.

Rubberized fabric lining for hoist drive pulleys. IU P. Shabanov-Kushnarenko, K A. Mosiichuk Ugol' Ukr 4 no 2 19-21 F '60.

RUBIDIUM

Ratio between the thallium and rubidium content of minerals from pegmatite veins of the Kola Peninsula according to the data of spectrum analysis [with summary in English]. T. F. Borovik-Romanova, A. F. Sosedko. Geokhimiia no. 1:31-36 '60

RUBINSHTEIN, SERGEI LEONIDOVICH, 1889-1960

Sergei Leonidovich Rubinshtein; obituary. Vop. psikhol 6 no. 1:4-6 Ja-F '60.

RUG AND CARPET INDUSTRY see subdivision under Pyatigorsk

RUHR—SOCIAL CONDITIONS

In the Ruhr. Heinrich Boell. Inostr. lit. no. 2:245-257 F '60.

RUMANIA—CHEMICAL RESEARCH

Recent developments in science and technology. Nauka i zhyttia 10 no. 1:60 Ja '60.

RUMANIA—COAL MINES AND MINING

Regulating wages in the coal mining industry of Rumania. P. Liadov. Biul. nauch. inform., trud i zar. plata 3 no. 6.59-61 '60.

RUMANIA—COLLECTIVE FARMS

Mikhail Sholokhov's Rumanian "godchildren." Z. Mirskii. Nov. vrem. 18 no. 21:25-27 My '60.

RUMANIA—DESCRIPTION AND TRAVEL

"Primavara." Petr Kapitsa. Nov. vrem. 18 no. 24: 27-29 Je '60.

RUMANIA—ECONOMIC CONDITIONS

Growth of material prosperity and cultural level of workers of the Rumanian People's Republic S. Zeiger. Sots trud 4 no. 12 13-22 D '59

"Primavara." Petr Kapitsa. Nov. vrem. 18 no. 24: 27-29 Je '60.

"Statistical yearbook of the Rumanian People's Republic for 1959" Reviewed by P Liadov Vest. stat no 6 73-75 '60

RUMANIA—ECONOMIC POLICY

Rumania during the years 1960 - 1965 - 1975. Z. Mirskii. Nov. vrem. 18 no. 27.10-11 Jl '60.

RUMANIA—EVENING AND CONTINUATION SCHOOLS

In socialist countries Nar. obr. no. 6:101 Je '60

RUMANIA—INDUSTRIES

Report of the Central Committee of the Rumanian Workers' Party to the Third Congress of the party Gheorghe Gheorghiu-Dej Kommunist 37 no 10 91-118 Jl '60

RUMANIA—LABOR AND LABORING CLASSES

Growth of material prosperity and cultural level of workers of the Rumanian People's Republic. S. Zeiger. Sots. trud 4 no. 12 13-22 D '59.

RUMANIA—MUSIC

Musical Rumania, survey of the Rumanian press I M. Sov muz 24 no 3 186-187 Mr '60

RUMANIA—PENSIONS

New pension system in Rumania. Okhr. truda i sots. strakh. 3 no. 2 76-77 F '60.

RUMANIA—RELATIONS (GENERAL) WITH RUSSIA

Real friendship. Tatu Pamfil. Pozh. delo 6:29 Je '60

RUMANIA—SPEECH, DISORDERS OF

Diffusion and evolution of speech defects in children. J. Streeinaru. Vop. psikhol 6 no. 1 176-178 Ja-F '60.

RUMANIA—TRADE UNIONS

Active participants in the building of socialism. G. Apostol. Sov. profsoiuzy 16 no. 11 54-56 Je '60.

RUMANIA—WAGES

Establishing supplementary wage payments in the industry of the Rumanian People's Republic P. Liadov Biul. nauch inform: trud i zar plata 3 no 2:49-50 '60

Regulating wages in the coal mining industry of Rumania. P. Liadov. Biul. nauch. inform., trud i zar. plata 3 no. 6 59-61 '60.

Results of wage regulation in the industry of the Rumanian People's Republic. P. Liadov. Biul. nauch. inform. trud i zar plata 3 no. 1 60-63 '60.

RUMANIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Rumanian literature

RUMANIAN PERIODICALS

New important periodical publications of the Rumanian Academy of Sciences. F. P. Shevchenko. Visnyk AN URSR 29 no. 8 74-75 Ag '58.

RUNOFF

(see also subdivision under Amu Darya Valley; Maritime Territory; Miass Valley, Soviet Central Asia)

Analysis of the formation of maximum flow resulting from rainfalls and methods of calculating it. I. B. Vol'ftsun. Trudy GGI no. 76 5-55 '60.

Approximate estimation of subsurface flow by hydrometeorological and morphometric data. N. P. Lobanskaia Meteor. i gidrol. no. 6:28-30 Je '60.

Experimental study of the transformation of snow-water runoff by large depressions in the gullies of the Valday Hydrological Scientific Research Laboratory. I. B. Vol'ftsun, O I Krestovskii. Trudy GGI no. 76.56-86 '60

Formation of surface runoff. IU. B. Vinogradov. Izv. AN Uz. SSR. Ser. tekh. nauk no. 1 57-67 '60.

Hydrological significance of narrow-strip plowing. N S Znamenskaia Trudy SevNIIGIM no 15 25-37 '58

Influence of karst upon the runoff of small rivers. A. M. Gavrilov. Izv. Vses. geog. ob-va 92 no. 3:251-262 My-Je '60.

Using water and heat balance equations in investigating and calculating the annual regime of runoff. V. G. Andrelanov. Trudy GGI no. 73:3-54 '60.

RURAL CONDITIONS

Signs of the new, review of the editor's mail Agitator no 6 52-53 Mr '60

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION see subdivision under Europe, United States

RURAL LIBRARIES see Libraries, Rural

RURAL WATER SUPPLY see Water supply, Rural

RUSETSKI, ALIAKSEI

Poetry in tune with our time ("The light of your window" by Aliaksei Rusetski. Reviewed by I. Skaparau) Belarus' 17 no. 3:30-31 Mr '60.

RUSSIA

Do you know? Kul't. i zhizn' 4 no. 3:28-29 '60.

[Restoration of Russia; a collection of articles] Obnovlennaia Rossiia; sbornik statei. Frankfurt am Main, Posev, 1953. 1 v.
(CLU)

RUSSIA—AIR FORCE

Unforgettable meetings. M. Ostroev. Kryl. rod. 11 no. 4: 3-4 Ap '60.

RUSSIA—ALLIED INTERVENTION, 1918-1920

Documents on the struggle of the workers of Karelia against British-French-American intervention 1918-1919 Trudy Kar fil AN SSSR 22 31-48 '59

A history of the evacuation of industry during the early period of military intervention in the civil war; based on Petrograd documents. D. A. Kovalenko. Nauch. dokl. vys. shkoly; ist. nauki no. 2:105-121 '58.

RUSSIA—ARMED FORCES

True guardian of peace A Nikolaev Sov. knizh torg 12 no 2 16 F '60

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

[Party political work in the Soviet Army and the Navy] Partiino-politicheskaia rabota v Sovetskoi Armii i Voenno-Morskom Flote. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 284 p.

RUSSIA—ARMED FORCES—OFFICERS

Lar'kov, A. M., and N. T. Filippov. [Unity of command in the Soviet Armed Forces and ways for further strengthening it, a lecture presented to the troops] Edinonachalie v Sovetskikh Vooruzhennykh Silakh i puti ego dal'neishego ukrepleniia, lektsiia, prochitannaia v voiskakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 38 p.

RUSSIA—ARMY

Duty, honor, courage, valor. Sov. voin. 42 no 11 14-15 Je '60.

Duty honor, courage, valor. V. Miasnikov and others. Sov. voin 42 no. 8:16-17 Ap '60.

Eternal glory to our heroes who died in combat for the liberty and independence of our country. Sov. voin 42 no 8·22 Ap '60.

Fighting family. I. Pozhidaev, D. Azov. Sov. voin 41 no. 22·18-19 N '59.

First stripes. I. Vysokov. Sov. voin 42 no. 8·24 Ap '60.

"For the liberation of Czechoslovakia", a history of the Czechoslovak military detachments in the U S S R during the period of the Second World War Vol 1 [in Czech]. Reviewed by M N Suniriaga Vop ist no 6 165-167 Je '60

Guardian of peace in the whole world Kryl rod. 11 no 2·1 F '60

Heirs D Dazhin Voen znan 36 no 6 8-9 Je '60

Holiday of talent. Sov. voi 42 no. 8 26-27 Ap '60.

Man going uphill. V. Karabanov. Sov. voin 41 no. 22·25 N '59.

"On military service" by N F Brychev Reviewed by F Grigor'ev Voen znan 36 no 6 39 Je '60

Victorious tread. Sov. voin 42 no. 8·2 Ap '60.

RUSSIA—ARMY—ARTILLERY

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Manual on land artillery fire techniques] Nastavlenie po ognevoi sluzhbe nazemnoi artillerii. Moskva, Voen izd-vo M-va obor. SSSR, 1959. 202 p.

RUSSIA—ARMY—COMMUNICATIONS SYSTEM

Runner B Zasukhin Voen znan 36 no 6 21-22 Je '60

RUSSIA—ARMY—DEMOBILIZATION

Peace-loving act of world-wide importance. Sov. potreb. koop. 4 no. 3:1-2 Mr '60.

"We are waiting for you, comrade sergeant!" V Bystrov Sov profsoiuzy 16 no 8 36-37 Ap '60

RUSSIA—ARMY—EDUCATION, NONMILITARY

Borzunov, S.M., and I.V. Vostryshev. [Advice to propagandists] Sovety agitatoram. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 157 p.

Fortieth anniversary of the V. I. Lenin Military Political Academy. V Arkhangel'skii Voen vest 39 no 12·19-22 D '59

Remarkable school of life. B. Borisov Sov voin 42 no. 11·3-5 Je '60.

RUSSIA—ARMY—EQUIPMENT

Accounting for the training equipment. I Dolgovskii Voen vest 39 no 12·71-72 D '59

More stress on mechanization and automation. S. Timoshenko. Voen. vest. 39 no 12·9-15 D '59.

RUSSIA—ARMY—INSPECTION

It is imperative to standardize our system of ratings F Bundin Voen vest 39 no 12·71 D '59

RUSSIA—ARMY—RECRUITING, ENLISTING, ETC.

Brychev, N. F. [About military service, talks with those under draft age] O voinskoi sluzhbe, besedy s doprizyvnikami Moskva, Izd-vo DOSAAF, 1960. 85 p.

RUSSIA—ARMY—SONGS AND MUSIC

Tishchenko, A., comp. [Soldiers' and sailors' songs] Soldatskie i matrosskie pesni, pesennik. Moskva, Sovetskii kompozitor, 1960. 169 p.

RUSSIA—ARMY—SPORTS

On new paths. A Leont'ev, V. Voevodenko. Sov. voin 42 no 12·31 Je '60.

RUSSIA—ARMY—SURGEONS

Military surgeons who have won Lenin Prizes. B. Leonidov. Sov voin 42 no. 12·15 Je '60.

RUSSIA—CENSUS

Revaluating census data in connection with administrative and territorial changes. S. Bekunova. Vest. stat. no. 3 35-48 '60.

RUSSIA—CIVILIZATION

"The mission of Russia" [publ in English as "Russia, absent and present"] by W Weidle Reviewed by I I Gapanovich Vest Inst. po izuch SSSR no 1 120-123 Ja-Mr '60

RUSSIA—CLIMATE

Leningrad. Glavnaia geofizicheskaia observatoriia. [Climate of the U.S.S.R.] Klimat SSSR. Leningrad, Gidrometeor. izd-vo, 1958. 2 v.
(WaU)

On A. A. Borisov's book "Climates of the U.S.S.R." A. M. Alpat'ev. Meteor. i gidrol. no. 6:45-46 Je '60.

RUSSIA—COMMERCE

Export of articles produced by the Soviet medical industry A Romanova, V. Surin. Vnesh. torg. 30 no 6 33 '60

A new edition of the textbook on the economics of commerce ("The economics of Soviet commerce" Reviewed by IA Orlov) Vop ekon no 6 121-124 Je '60

Relations between foreign trade corporations and soviet suppliers of export goods [with English summary in appendix] A Ishchenko, M Rozenberg, B Zatsepin. Vnesh torg 30 no 6 37-41 '60

RUSSIA—COMMERCE—CANADA

Protocol on the prolongation of the Soviet-Canadian trade agreement of February 29, 1956 Vnesh torg 30 no 6 49 '60

RUSSIA—COMMERCE—CZECHOSLOVAKIA

A new five-year commercial agreement between the U S S R and the Czechoslovak Republic Vnesh torg. 30 no 6 4-5 '60

RUSSIA—COMMERCE—FINLAND

Favorable prospects of Soviet-Finnish trade M Nesterov and others Vnesh torg 30 no 6 29-31 '60

RUSSIA—COMMERCE—FRANCE

Agreement on payments between the Soviet Union and France Vnesh torg 30 no 6 49 '60

RUSSIA—COMMERCE—HUNGARY

A new long-term commercial agreement between the U S S.R and the People's Republic of Hungary Vnesh. torg 30 no 6 3-4 '60

RUSSIA—COMMERCE—JAPAN

Agreement on the exchange of goods and payments between the U S.S R and Japan for the period of 1960-1962 Vnesh torg. 30 no 6 42-45 '60

RUSSIA—COMMERCE—STATISTICS

Russia (1923- U.S.S R.) Ministerstvo vneshnei torgovli. Planovo ekonomicheskoe upravlenie. [Foreign trade of the U S.S.R. in 1959, statistical review] Vneshniaia torgovlia Soiuza SSR za 1959 god, statisticheskii obzor. Moskva, Vneshtorgizdat, 1960. 183 p.

RUSSIA—COMMERCE—TURKEY

Protocol to the trade and payment agreement between the U S S R and Turkey of October 8, 1937 Vnesh torg 30 no 6 46-48 '60

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CULTURE

Culture in the U S S R Agitator no 11 36-37 Je '60

Dimentman, A. M. [Culture for the masses, from the work practice of the first universities of culture] Kul'turu v massy, iz opyta raboty pervykh universitetov kul'tury. Moskva, Gos. izd-vo "Iskusstvo," 1960. 46 p.

Regular labor activities of the country, review of the internal life of the U.S.S R. M Kur'ianov Agitator no. 7;16-20 Ap '60.

RUSSIA—DEFENSES

The military aspects of coexistence. N. Talenskii. Mezhdunar. zhizn' 7 no. 7·85-90 Jl '60.

RUSSIA—DICTIONARIES AND ENCYCLOPEDIAS

"Dictionary of local geographical terms." Reviewed by V. I. Popov. Izv. AN SSSR. Ser. geog. no 3 143-144 My-Je '60.

RUSSIA—ECONOMIC CONDITIONS

Critical evaluation of economic problems concerning the decline of the serf economy in Russia. V. P. Smirnov. Trudy TMI no. 13 141-171 '59.

Economic competition between the two systems. A. Alekseev. Mezhdunar. zhizn' 7 no. 7·77-81 Jl '60.

Economic relations between workers and peasants in the present-day phase of communist society. V. M. Alekseeva Uch. zap kaf. obshchestv. nauk vuz. g. Len. no. 2; 30-55 '60.

Figures of great victories ("National economy of the U.S.S.R. in 1958, statistical yearbook." Reviewed by I. Malyi). Nauch. dokl. vys. shkoly; ekon. nauki no. 1:161-171 '60.

For the 90th birth anniversary of V. I. Lenin. Rus. iaz. v shkole 21 no 2·1-7 Mr-Ap '60.

For the people's benefit. A. Paskonov. Sov. profsoiuzy 16 no. 12;8-11 Je '60.

Full steam ahead! Agitator no 11 8-11 Je '60

Glory to our party B. Samsonov Sov. profsoiuzy 16 no 10 7-8 My '60

Great advangages of socialism. A. Klimov. Mol. komm. no. 3 88-97 Mr '60.

The holiday of labor and peace. Sov. profsoiuzy 16 no 8;2-5 Ap '60.

Improvement of socialist production relations; based on the materials of industrial enterprises. O. N. Zhemanov. Nauch. dokl. vys. shkoly, filos. nauki 3 no. 1·3-15 '60.

In accordance with Lenin's legacy. Stroi. mat. 6 no. 4·1-2 Ap '60.

In anticipation of the plenum of the Central Committee of the CPSU Vest. stat no 6.3-5 '60.

In the name of the happiness of the Soviet people Sov profsoiuzy 16 no 10 2-5 My '60

In the sunlight of Lenin's ideas we are marching toward the summit of communism, on the 90th anniversary of V I Lenin's birth V Stepanov. Agitator no 8 4-13 Mr '60

Main problem. S. G. Kolesnev. Nauka i zhizn' 27 no. 2: 8-13 F '60.

Material and technical basis of communism. L. Leont'ev. Agitator no. 8.17-24 Ap '60.

"National economy of the R S. F S. R. in 1958, statistical yearbook Reviewed by M. Urinson. Vest. stat. no. 3: 64-69 '60

"The national economy of the U S S R. and world economics" [in German] by Adolf Weber Reviewed by A I Popliuiko Vest. Inst po izuch SSSR no 4 122-125 O-D '59

The party calls us to new achievements Sots kul't 11 no 3 5-6 Mr '58

Pavlov, A. P. [Struggle of the Communist Party for the completion of the socialist reconstruction of the national economy, the victory of socialism in the U.S.S.R., 1933-1937. Subject 13] Kommunisticheskaia partiia v bor'be za zavershenie sotsialisticheskoi rekonstruktsii narodnogo khoziaistva. Pobeda sotsializma v SSSR, 1933-1937 gg. Tema XIII. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 108 p.

Rapid development of the seven-year plan; a review of internal events in the U.S.S.R. K. Vachnadze. Agitator no. 5 29-32 Mr '60.

Riabchikov, E. I. [The sun is shining on the seven-year plan] Solntse svetit semiletke. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 80 p.

Role of the Soviet socialist state in the establishment of the economic and technical foundation of communism. I. F. Chechko. Sbor. nauch. trud. Bel. politekh. inst. no. 71.80-113 '59.

The second year quota of the seven-year plan should meet timely fulfillment Vest sviazi 20 no 3 32 Mr '60

Towards new heights on the way to communism. Sots. trud 5 no. 1 3-8 Ja '60.

Words of Lenin that came true. IUn. nat. no. 4·2-3 Ap '60.

RUSSIA—ECONOMIC CONDITIONS—AUDIO-VISUAL *AIDS*

Agitators should be supplied with album-paint dets. S. Vinogradov. Agitator no. 7;62 Ap '60.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Bor, M. Z. [Planned balance of the national economy of the U S S.R., practice in working out the balance] Planovyi balans narodnogo khoziaistva SSSR, opyt razrabotki. Pod red. S G. Strumilina. Moskva, Gosplanizdat, 1959. 158 p.

Bova, E. F. [What it means to catch up with and to surpass the U.S.A.] Chto znachit dognat' i peregnat' SShA. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 62 p.

Chesnokov, D. I. [Dialectic of productive forces and productive relations in the period of the large-scale building of communism in the U.S.S.R.] Dialektika proizvoditel'nykh sil i proizvodstvennykh otnoshenii v period razvernutogo stroitel'stva kommunizma v SSSR. Moskva, Znanie, 1959. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 23)
(MH)

Correct road to plenty. Chto chitat' 3 no. 2 I F '60.

Everything for man. Sovt. Vost. no. 6:2-3 Ja '60.

Fediukin, S. A. [Enlisting the services of the bourgeois technical intelligentsia in the building of socialism in the U.S.S.R.] Privlechenie burzhuaznoi tekhnicheskoi intelligentsii k sotsialisticheskomu stroitel'stvu v SSSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 86 p.

Filimonov, N. P. [New phase in the carrying out of Lenin's idea of building communism] Novyi etap v osushchestvlenii leninskikh idei postroeniia kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1959 54 p.

"For us, Soviet people." N. Samsonov Klub 9 no 1 6-7 Ja '60

For you, Soviet man!, an exhibition. Klub 9 no 1 20-21 Ja '60.

Great seven-year plan. T. Zhdanova. Chto chitat' 3 no. 1·7 Ja '60.

Klimenko, K. I. [Technological progress during the period of the large-scale building of communism] Tekhnicheskii progress v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1960. 44 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 17)

Kornilov, A. V. [Measures taken by the Communist Party for the further development of industry and agriculture in the fifth five-year plan; a course of lectures on the history of the CPSU] Meropriiatiia Kommunisticheskoi partii po dal'neishemu razvitiiu promyshlennosti i sel'skogo khoziaistva v piatoi piatiletke; iz kursa lektsii po istorii KPSS. [Moskva] Izd-vo Mosk. univ., 1959. 25 p.
(MH)

Lenin's plan for the reorganization of the Central Control Committee of the Workers' and Peasants' Inspection. I. M. Sorokovanova. Vest. Mosk. un. Ser. 9· Ist. nauki 15 no. 2 41-56 Mr-Ap '60.

RUSSIA—ECONOMIC POLICY (Continued)

Matveev, B.G. [Organization of the planning of the national economy of the U.S.S.R., a lecture] Organizatsiia planirovaniia narodnogo khoziaistva SSSR; lektsiia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 47 p.
(MH)

Measures of great economic and political significance. A.Bachurin. Vop.ekon. no.7,3-16 Jl '60

Moscow. Akademiia obshchestvennykh nauk. [Great triumph of the ideas of Leninism] Velikoe torzhestvo idei leninizma. Moskva, Izd-vo VPSh i AOUN pri TsK KPSS, 1960. 483 p.

Novgorodskii, IU.F., comp. [Fulfill the seven-year plan ahead of time] Semiletku, dosrochno. Moskva, Znanie, 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3. Ekonomika, no.11)
(MH)

On the agenda - Uzbekistan's report. Uzbekiston 18 no.6 3 Ag '59.

"Principal economic task of the U.S.S.R."; methodological problems by I.A.Tikhonov. Reviewed by D.Kondrashev). Vop.ekon. no.7:127-129 Jl '60.

Report of the Central Committee of the Rumanian Workers' Party to the Third Congress of the party Gheorghe Gheorghiu-Dej Kommunist 37 no 10 91-148 Jl '60

"The Soviet national economy and world economics" [in German] by Adolf Weber Reviewed by L. Zal'tsberg. Vest Inst po izuch SSSR no 1 123-127 Ja-Mr '60

The triumph of Leninism. Kryl.rod. 11 no.4:1-2 Ap '60.

The welfare of the people is the paramount aim of the party and state Vop.ekon no 6 3-12 Je '60

RUSSIA—ECONOMIC POLICY—MAPS

[U.S.S.R.; the main construction jobs of the seven-year plan, 1959-1965] SSSR, osnovnye stroiki semiletki, 1959-1965. Moskva, Glav.uprav.geod.i kartografii MVD SSSR, 1959. map.
(DA)

RUSSIA—EXECUTIVE DEPARTEMNTS

Azanov, I.N. [The ministries of the U.S.S.R.] Ministerstva v SSSR. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 286 p.

RUSSIA—FEBRUARY REVOLUTION, 1917

Savel'ev, IA.V. [The Bolshevik Party during the world imperialist war; the second revolution in Russia, 1914-February 1917. Subject 6] Partiia bol'shevikov v gody mirovoi imperialisticheskoi voiny. Vtoraia revoliutsiia v Rossii, 1914 g.-fevral' 1917 g. Toma VI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 101 p.

RUSSIA—FOREIGN ECONOMIC RELATIONS—CUBA

Exchange of ratifications of the Soviet-Cuban agreements Vnesh torg 30 no.6 20 '60

Resting on a sound basis. Nov.vrem. 18 no.26:3 Je '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—FRANCE

Trade is increasing. Sov.Soiuz no 2:5 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—INDONESIA

Delegation of the Indonesian Chamber of Commerce and Industry in the U.S.S.R. Vnesh torg 30 no.6 33 '60

RUSSIA—FOREIGN ECONOMIC RELATIONS—IRAQ

Caravan of friendship. P.Demchenko. Ogonek 38 no.17:4-5 Ap '60

RUSSIA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Great transworld railroad. A.Markin. Tekh.mol. 28 no.2 22 '60.

RUSSIA—FOREIGN RELATIONS

Baginian, K.A. [Struggle of the Soviet Union against aggression] Bor'ba Sovetskogo Soiuza protiv agressii. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1959. 286 p.

Conflicts over foreign policy in Russia, 1906-1910. I.V. Bestuzhev. Vop.ist no.6 60-76 Je '60.

Dialectics and our time F.Konstantinov, Kh.Mamdzhian Kommunist 37 no.10 36-50 Jl '60

The foreign policy of the Soviet Union during 1921("Documents of U.S.S.R. foreign policy." Vol. 4. Reviewed by V.Emets, A.Konontsev). Mezhdunar. zhizn' 7 no.7 134-137 Jl '60.

Glory to our party. B.Samsonov Sov profsoiuzy 16 no 10 7-8 My '60.

The holiday of labor and peace. Sov.profsoiuzy 16 no.8:2-5 Ap '60.

Khrushchev, N.S. [Abolition of taxes paid by workers and employees and other measures for furthering the welfare of the Soviet people; a report and closing address at the fifth session of the Supreme Soviet of the U.S.S.R.] Ob otmene nalogov s rabochikh i sluzhashchikh i drugikh meropriiatiiakh, napravlennykh na povyshenie blagosostoianiia sovetskogo naroda; doklad i zakliuchitel'noe slovo na piatoi sessii Verkhovnogo Soveta SSSR. Moskva, Gos.izd-vo polit.lit-ry, 1960. 94 p.

Let the sun of peace rise over the earth! Smena 37 no 8 10-13 Ap '60.

Let's carry out the decisions of the July Plenum of the Central Committee of the CPSU. Kommunist 37 no.11 3-10 Jl '60.

Let's live in peace and friendship. O.Pynych. Sots. kul't 13 no.3 16-17 Mr '60.

Nikhamin, V.P., ed. [International relations and the foreign policy of the Soviet Union, 1950-1959] Mezhdunarodnye otnosheniia i vneshniaia politika Sovetskogo Soiuza, 1950-1959 Moskva, Izd-vo In-ta mezhdunar. otnoshenii.
Pt.1. 1960 223 p.

The only reasonable way. A.Potapov. Mol.komm. no.3 8-16 Mr '60.

Paths of agreement Sov Soiuz no 4 2-3 '60

Peaceful coexistence of two systems and present-day bourgeois sociology M I Rapakou Vestsi AN BSSR Ser hram nav no 1 5-14 '60

Reason wins. Isk.kino no.6:1-3 Je '60.

Recollecting Lenin's decree G M Dubinin V zashch mira no 4 8-13 Ap '60

The spirit of Bandung lives and inspires. Intolo. Ogonek 38 no.16:5 Ap '60.

Statement by N.S.Khrushchev, Chairman of the Council of Ministers of the U.S.S.R. Nov.vrem. 18 no.21 insert: 4p My '60.

This could only make one happy Khwaja Ahamad Abbas Inostr lit no 2 211-212 F '60

The triumph of a peace-loving policy. Agitator. no.8 3-6 Ap '60.

The 21st Congress of the CPSU on the possibility of eliminating wars from the life of human society. V.G. Semibratov Uch.zap.kaf.obshchestv nauk vuz.g Len no.2:130-159 '60.

University of Friendship of Peoples. L.N.Solov'ev. Sov.profsoiuzy 16 no.8:17-18 Ap '60.

V.I.Lenin and the 1922 Genoa Conference. B.A.Shtein. Vest.Mosk.un Ser.9 Ist.nauki 15 no 2 15-39 Mr-Ap '60.

V.I.Lenin on peaceful coexistence. S.Kaplin. Komm Ukr. 35 no.3 22-30 Mr '60.

V.I.Lenin on the peaceful coexistence of two systems. IU.Borisov. Otv na vop.trud. no.111:8-17 '60

Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. [Series of lectures entitled "Soviet foreign policy", on the 30th anniversary of the Soviet State] TSikl lektsii "Sovetskaia vneshniaia politika", k 30-letiiu Sovetskogo gosudarstva." Moskva, Pravda, 1947. 4 v.
(WaU)

We are firmly maintaining the cause of peace Sov. profsoiuzy 16 no 10 6 My '60

We warmly support the internal and external policy of the Communist Party and the Soviet government. Sov.profsoiuzy 16 no.11:5 Je '60.

RUSSIA—FOREIGN RELATIONS—ASIA

For peace and friendship. Komm.Ukr. 35 no.3:10-12 Mr '60.

Great mission of peace and friendship. Agitator no.5: 26-27 Mr '60.

With an open heart Ukraina no.6 1-2 Mr '60

RUSSIA—FOREIGN RELATIONS—ASIA, SOUTHEASTERN

Significance of economic ties with the U.S.S.R. for the development of countries in Southeastern Asia [with English summary in appendix] M Pankin Vnesh torg 30 no 6 14-20 '60.

We wish peace and happiness to all people! Ogonek 38 no.11:2-3 Mr '60.

RUSSIA—FOREIGN RELATIONS—ASIA, SOUTHERN

The sun warms the air and friendship, the soul. Smena 37 no.5:1 Mr '60.

RUSSIA—FOREIGN RELATIONS—AUSTRIA

N.S.Khrushchev in Austria. Nov.vrem. 18 no.27:1-2 Jl '60.

The Soviet Union and Austria. Mezhdunar. zhizn' 7 no.7: 3-7 Jl '60.

RUSSIA—FOREIGN RELATIONS—BULGARIA

Andronikov, L.N., K.E.Komarov, and A.N.Ratnikov. [Indissoluble friendship; struggle of the Soviet and Bulgarian peoples against common enemies] Nerushimaia druzhba; bor'ba narodov SSSR i Bolgarii protiv obshchikh vragov. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 114 p.

RUSSIA—FOREIGN RELATIONS—CHINA

Liu Ssu-mu. [Chinese-Soviet friendship is a powerful factor for peace. Translated from the Chinese] Kitaisko sovetskaia druzhba—moguchii faktor mira. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no.11)

"A summing up at seventy, Soviet Russia in China" [in English] by Chiang Kai-shek Reviewed by R.N Redlikh Vest Inst.po izuch.SSSR no 1 140-144 Ja-Mr '60

RUSSIA—FOREIGN RELATIONS—CUBA

Please, without hysterics. D.Zaslavskii. Nov.vrem. 18 no.24:18-19 Je '60.

The U.S.S.R. and Cuba. Nov.vrem. 18 no.21:9-10 My '60.

RUSSIA—FOREIGN RELATIONS—FRANCE

By the routes of friendship. B.Polevoi. Ogonek 38 no.14:1-3 Ap '60.

Eleven days that became history. B.Polevoi. Ogonek 38 no.15:1-3, 28-29 Ap '60.

The era of great expectations. B.Polevoi. Ogonek 38 no.13 5 Mr '60.

"Frenchmen liked him." M.Rock. Ogonek 38 no.14:4-5 Ap '60.

Good luck! P.M.Pol'shchikov and others. Kul't.i zhizn' 4 no.3:15-18 '60.

He won the liking of millions. M.Orianne. Ogonek 38 no.15 4-5 Ap '60.

Life commands. Sov.profsoiuzy 16 no.8:6-8 Ap '60.

Mayors of French towns speak. Ogonek 38 no.15:6-7 Ap '60.

A month of spring and hope. Elisabeth Magnien. Inostr. lit no.2:213-218 F '60.

N.S.Khrushchev talks with trade-union workers of France. Vsem prof.dvizh. no.5 3-7 My '60.

Paris-Moscow. Ogonek 38 no.14:6-7 Ap '60.

The people of France are waiting for N.S.Khrushchev Ogonek 38 no.11 2 of cover-1 Mr '60.

The Soviet people want to be friends with the people of France. M.Rok. Ogonek 38 no.13 2-4 Mr '60.

Trust and friendship.... Eugenie Cotton. V zashch mira no.3:5-7 Mr '60.

Trust and hope. A.Wurmser. Ogonek 38 no.12:6 Mr '60.

"We are waiting for Khrushchev because we are thirsting for peace!' Smena 37 no.4:1 F '60.

We are waiting for you, N.S.Khrushchev, in France. E.Cotton and others. Kul't.i zhizn' 4 no.2,6 '60.

Welcome to France! Pierre Cot. V zashch.mira no.3: 2-4 Mr '60.

Wind of history. Vokrug.sveta no.3:1 Mr '60.

RUSSIA—FOREIGN RELATIONS—INDIA

From heart to heart. N.Drachinskii. Ogonek 38 no.5: 1-3 Ja '60.

President Prasad's visit. Nov.vrem. 18 no.26:2-3 Je '60.

RUSSIA—FOREIGN RELATIONS—INDONESIA

The blacksmith of peace. N.Drachinskii. Ogonek 38 no.10 1-4 Mr '60

Guest and brother. N.Drachinskii. Ogonek 38 no.9:1-3 F '60.

Soviet statesmen came back from the United States. Ogonek 38 no.9 4 F '60

RUSSIA—FOREIGN RELATIONS—POLAND

Indissoluble union of fraternal nations. A. Lukovets. Agitator no.8 49-51 Ap '60.

RUSSIA—FOREIGN RELATIONS—TURKEY

M.V.Frunze's mission to Turkey. Mezhdunar. zhizn' 7 no.7,155-158 Jl '60.

Moscow and Ankara. Nov.vrem. 18 no.24:3 Je '60.

The treaty of Ubkiar Skelessi, 1833. N.S.Kiniapina. Nauch.dokl.vys.shkoly; ist.nauki no.2:30-49 '58.

Turkey faces a choice. B.Alekseev. Mezhdunar. zhizn' 7 no.7:62-65 Jl '60.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Appeal to cultural workers of the United States M I TSarev V zashch mira no 6 7-8 Je '60

"Face to face with America." Kul't.i zhizn' 4 no.2:5 '60.

Heroic deed in the name of peace. V.Shipov. Grazhd.av. 17 no.3,4-5 Mr '60.

Historical visit of peace and friendship ("Let's live in peace and friendship." Reviewed by A Vasil'ev). Voen vest 39 no 12:86-89 D '59.

New hope is born. Zhen.mira no.12:7 '59

Pages of living history ("Face to face with America; story of N.S Khrushchev's visit to the United States, September 15-27, 1959" by A.Adzhubei and others. Reviewed by V.Nikitin). Vokrug sveta no 4,40-42 Ap '60

A ray of truth breaks through a curtain of lies. Phillip Bonosky. Inostr.lit. no.1:215-217 Ja '60.

Road builders ardently support the firm policy of the Soviet Government. Avt.dor. 23 no.6:1 Je '60.

Story of a great mission. K.Kukhalashvili. Sots.kul't. 13 no.3:10 Mr '60.

"To live in peace and friendship!" Sojourn of the Chairman of the Council of Ministers of the U S S R , N.S. Khrushchev, in the United States, September 15-27, 1959 Reviewed by V P Kochetov Prep ist v shkole 15 no 1 88-90 Ja-F '60

Unstable status quo. N.IA.Galai. Mat.i soob.issl.otd. Inst.po izuch SSSR no.10 1-16 D '59.

We are fed up with fear. Mitchell Wilson. Moskva 4 no.1:132-138 '60.

What furthered the improvement in international relations. N.Kutarev. Otv.na vop.trud. no.109:10-15 '59.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—GUIDEBOOKS

[Passenger's handbook] Spravochnik passazhira. Moskva, Transzheldorizdat, [n.d.] 1 v.
(DS)

RUSSIA—HEROES

The daring, the courageous, the valiant V Shtyrliaev Voen znan 36 no 6 11-12 Je '60

RUSSIA—HISTORY

Akademiia nauk SSSR. Institut istorii. [Against the bourgeois falsification of the history of Soviet society] Protiv burzhuaznoi fal'sifikatsii istorii sovetskogo obshchestva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 381 p.

The exhibition "Materials on the history of Russian culture during the first quarter of the 19th century." A. Pomarnatskii. Soob. Gos. Erm. no. 15 7-8 '59.

"Outline history of Russia", second quarter of the 19th century by S B. Okun' Reviewed by I A Fedosov Vop ist no 6 158-160 Je '60

Publication of a learned work on the "History of the U S. S R " Vest AN SSSR 30 no 6 125 Je '60

Spiridovich, A. I. [Great War and the February revolution, 1914-1917] Velikaia voina i Fevral'skaia revolutsiia, 1914-1917 g. g. N'iu Iork, Vseslavianskoe izd-vo, 1960. 1 v.
(CU)

RUSSIA—HISTORY, MILITARY

Military calendar Voen znan 36 no 6 40 Je '60

RUSSIA—INDUSTRIES

Adamov, I. G., and V. I. Liashenko. [Struggle for the establishment of the economic and technical foundation of communism] Borot'ba za stvorennia material'no-tekhnichnoi bazy komunizmu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 90 p.

Bequeathed by Lenin and made by the people. Ogonek 38 no 16:2-3 Ap '60.

Chumbarov, N. I. [CPSU in the struggle for the transition to the industrialization of the U. S. S. R.; a lecture] KPSS v bor'be za perekhod k industrializatsii SSSR, 1926 g., lektsii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 67 p.
(MH)

Increasing the effectiveness of technological progress. K. Klimenko. Vop. ekon. no. 7:17-26 Jl '60.

Kas'ianenko, V. I. [Struggle of U. S. S R. workers for technological independence from 1926 through 1932] Bor'ba trudiashchikhsia SSSR za tekhnicheskuiu nezavisimost' promyshlennosti, 1926-1932 gg Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960 65 p

Let's carry out the decisions of the July Plenum of the Central Committee of the CPSU. Kommunist 37 no. 11: 3-10 Jl '60.

A new textbook on industrial finance ("Finance of socialist industry" by I. A. Kirillov. Reviewed by A. Birman). Fin. SSSR 21 no. 6 87-89 Je '60.

We are the masters of our fate, review of the internal life of the U S. S R G Afanas'ev Agitator no 12 19-22 Je '60

"Well done," Lenin would say, facts and figures Agitator no 6 14-23 Mr '60

RUSSIA—INDUSTRIES—BIBLIOGRAPHY

[Technological progress during the seven-year plan; bibliography] Tekhnichnyi progres u semyrichtsi; polazhchyk literatury. Kyiv, Derzh, vyd-vo polit. lit-ry URSR, 1959. 36 p. (Na dopomohu bibliotekarevi)

RUSSIA—LANGUAGES

"The development of the minor languages of the peoples of the U S. S. R." by IU. D. Desheriev. Reviewed by V P. Grigor'ev, M I. Isaev. Vop. iaz. 9 no. 2:134-138 Mr-Ap '60.

RUSSIA—MANUFACTURES

Let's have greater variety of good-quality merchandise. G Al'tshul', M. Riabchenko. Sov. potreb. koop. 4 no. 2:

Manufacture of consumers' goods in the seven-year plan. V. Zotov. Sov. torg. 33 no 3:3-13 Mr '60.

RUSSIA—MANUFACTURES—STATISTICS

Sales volume of goods designated for cultural, consumer and household needs. Vest. stat. no 6 86-94 '60

RUSSIA—MAPS

A new edition of the 1:2,500,000 map of the U. S. S. R. T N Gunbina Geod i kart no. 2:38-43 F '60

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Russia from 1907 to 1914] Rossiia s 1907 po 1914 g. Karta sostavlena Nauchno-redaktsionnoi kartosostavitel'skoi chastiu GUGK. Scale 1:3 000 000. Moskva, 1959. col. map.
(CLSU)

RUSSIA—MAPS, PHYSICAL

Filippov, IU. V., and others. [Problems in planning the section of nature maps in complex atlases of republics, territories, and provinces of the U. S. S. R.] Voprosy proektirovaniia razdela kart prirody kompleksnykh atlasov respublik, kraev i oblastei SSSR. Moskva, Izd-vo geodez. lit-ry, 1960. 124 p. (Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy, no. 133)

RUSSIA—NAVY

Guard of marine frontiers S Gorshkov Agitator no 13 23-25 Jl '60

Petrukhin, P. A. [On an exemplary cruiser] Na otlichnom kreisere. Moskva, Voen. izd-vo M-va obor. SSSR, 1959 79 p.

Under the flag of the head of the government A. Kuz'min Sov mor 20 no 12 2-3 Je '60

RUSSIA—NAVY—BIBLIOGRAPHY

Read those books. Sov mor. 20 no 12 12 Je '60.

RUSSIA—NAVY—SERVICE CRAFT

Skilled hands A. Kuz'min. Sov mor. 20 no. 12:3 Je '60

RUSSIA—NAVY—SONGS AND MUSIC

Tishchenko, A., comp. [Soldiers' and sailors' songs] Soldatskie i matrosskie pesni, pesennik. Moskva, Sovetskii kompozitor, 1960. 169 p.

RUSSIA—OFFICIALS AND EMPLOYEES

Kozlova, V. N. [At a government post; a deputy's notebook] Na gosudarstvennom postu, zapiski deputata. Moskva, Izd-vo "Izvestiia," 1960. 83 p.

RUSSIA—POLAR REGIONS—BIBLIOGRAPHY

At the poles of the planet Ch Lidova Vokrug sveta no 4 62-63 Ap '60

RUSSIA—POLITICS AND GOVERNMENT

Chronicle of recent events Mat. i soob. Issl. otd. Inst. po izuch. SSSR no 10 67-70 D '59

"Constitution of the U S S R , textbook for grade 10 students of secondary schools" by A G Lashin Reviewed by M O Prep ist v shkole 15 no 1 91-94 Ja-F '60

Correlation between the base and political and legal superstructure under socialism V. S. Zherebin. Trudy TMI no 13 29-57 '59.

Equality of nations Agitator no 11 48 Je '60

Fateev, P. S. [Domestic and foreign policy of tsarizm during the 1880's and 1890's. Condition of the working class, growth of the labor movement and the beginning of the dissemination of Marxism in Russia; a lecture delivered at the Advanced Party School of the Central Committee of the CPSU] Vnutrenniaia i vneshniaia politika tsarizma v 80-kh—nachale 90-kh godov XIX veka. Polozhenie rabochego klassa, rost rabochego dvizheniia i nachalo rasprostraneniia marksizma v Rossii; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 38 p.

Fifth session of the Supreme Soviet of the U. S S. R. Ogonek 38 no 19 1 My '60

For the 90th birth anniversary of V. I. Lenin. Rus. iaz. v shkole 21 no 2:1-7 Mr-Ap '60.

[Gazette of the Supreme Soviet of the R. S. F. S. R] Vedomosti Verkhovnogo Soveta RSFSR 4 nos. 24-25 Jl '60.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Vedomosti Verkhovnogo Soveta RSFSR 4 nos. 26-27 Jl-Ag '60

[Gazette of the Supreme Soviet of the R. S. F. S. R.]. Vedomosti Verkhovnogo Soveta RSFSR 4 no. 28 Ag '60.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 23 nos 28-29 Jl '60.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 23 no. 30 Ag '60.

[Gazette of the Supreme Soviet of the U. S. S. R.] Vedomosti Verkhovnogo Soveta SSSR 23 no. 31 Ag '60.

Lenin, V. I. [Attitude of the Social-Democrats to the peasants' movement. Survey of the agrarian program of the workers' party. Essence of the "Agrarian problem in Russia."] Otnoshenie sotsial-demokratii k krest'ianskomu dvizheniiu. Peresmotr agrarnoi programmy rabochei partii. Sushchnost' "Agrarnogo voprosa v Rossii," Moskva, Gospolitizdat, 1955. 77 p.
(MH)

Lenin, V. I. [Complete collected works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 9. [July 1904-March 1905] Iiul' 1904-mart 1905. 1960. 579 p.

Lenin's plan for the reorganization of the Central Control Committee of the Workers' and Peasants' Inspection. I. M. Sorokovanova.. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 2 41-55 Mr-Ap '60.

Rodionov, P. A. [Lenin, the party, and the masses. Work of the Central Committee of the Russian Communist Party (Bol'shevik), under the leadership of Lenin, to strengthen the ties with the masses, 1921-1922] Lenin. Partiia. Massy. Deiatel'nost' TsK RKP(b) vo glave s V. I. Leninym po uprocheniiu sviazei s massami, 1921-1922. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 349 p.

Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Chronological collection of laws, decrees of the Presidium of the Supreme Soviet, and enactments of the Government of the R. S. F. S. R.] Khronologicheskoe sobranie zakonov, ukazov Prezidiuma Verkhovnogo Soveta i postanovlenii pravitel'stva RSFSR. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 5. 1954-1956 gg. 1959. 701 p.

Russia (1923- U. S. S. R.) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the U. S. S. R., first session, April 20-27, 1954. Verbatim report] Zasidannia Verkhovnoi Rady SRSR Chetvertoho sklykannia, persha sesiia, 20-27 kvitnia 1954 r. Stenografichnyi zvit. [Moskva] Vyd Verkhovnoi Rady SRSR, 1954. 539 p.

"Social and state structure of the R S F S R " Reviewed by L A Grigorian Prep ist v shkole 15 no 1 94-97 Ja-F '60

The socialist state and communist self-government. V. A. Pochepko. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. no. 2:108-129 '60.

Strengthening of the unity and solidarity of our people as a general feature of the transition from socialism to communism. S. A. Kugel'. Uch. zap. kaf. obshchestv. nauk vuz. g. Len. no. 2.85-107 '60.

Study profoundly and encourage the growth of new and communist phenomena in every way. A I. Ganusets, A. D. Solov'ev. Sov gos. i pravo no. 6:122-124 Je '60.

"Teaching the Constitution of the U. S. S. R. in schools" by G. P. Davydov, V. I. Mazurenko. Prep. ist. v shkole 15 no. 2:110-115 Mr-Ap '60.

Triumph of Lenin's theory of socialist democracy. E. Zaretskaia. Komm. Bel. 34 no. 1:23-29 Mr '60.

What is the difference between the deputies of the Supreme Soviet of the U. S. S. R and the members of the Congress of the U. S. A. Otv. na vop. trud. no. 11:55-56 '60.

[When the people rule] Kogda pravit narod. Moskva, Gos. izd-vo polit. lit-ry, 1958. 98 p.
(NNC)

RUSSIA—RELATIONS (GENERAL) WITH AFGHANISTAN

Society of friendship with Afghanistan. Kul't. i zhizn' 4 no. 2:11-15 '60.

RUSSIA—RELATIONS (GENERAL) WITH AFRICA

Visitors from Africa. V. Prival'skii. Kul't. i zhizn' 4 no. 2:50-53 '60.

RUSSIA—RELATIONS (GENERAL) WITH AUSTRIA

Austria and the Soviet Union. Hugo Glaser. Nov. vrem. 18 no. 27:9 Jl '60.

Lectures of an Austrian mathematician. Kul't. i zhizn' 4 no. 3:53 '60.

Our relations with Austria. Dmitri Shostakovich. Nov. vrem. 18 no. 26:11 Je '60.

RUSSIA—RELATIONS (GENERAL) WITH CANADA

Friendship with northern neighbors. Kul't. i zhizn' 4 no. 3:23 '60.

RUSSIA—RELATIONS (GENERAL) WITH CEYLON

It was a unanimous decision. Kul't. i zhizn' 4 no. 2:16-17 '60.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

A study of Soviet-Chinese cultural relations during the 1949-1959 period. L. P. Kletskii. Vest. ist. mir. kul't. no. 1:67-80 Ja-F '60.

A well-known address.... I. Viatkova. Kul't. i zhizn' 4 no. 3:18-21 '60.

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Golden Prague and white-stone Moscow. Nik. Kruzhkov. Ogonek 38 no. 19:5-6 My '60.

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

Friendship between the miners of Krivoy Rog and Mansfeld. N. Gritsenko. Sots. trud 5 no. 3:114-116 Mr '60.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Visiting with our Finnish friends. I. Rastorguev. Sov. potreb. koop. 4 no. 3:82-83 Mr '60.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Agreements on cultural cooperation. K. Proskurnikova. Kul't. i zhizn' 4 no. 4 53-54 '60.

Cooperation of medical workers. Oleg Pisarzhevskii. Kul't i zhizn' 4 no. 4:34-37 '60

International contacts of the Leningrad University Law Faculty in 1959. V. N. Smirnov. Vest. LGU 15 no. 11: 147-151 '60.

Meetings in Leningrad. A. Serbin. Kul't. i zhizn' 4 no 4:28-31 '60.

Moscow will teach to build. A. Serbin. Ogonek 38 no. 12:6 Mr '60.

We are welcoming.... G. Gaddi, A. Pierard. Kul't. i zhizn' 4 no. 3:24-26 '60.

[illegible]

[illegible] the history of the October Revolution. [illegible] no.10 [illegible] N '60.

"Unforgettable days," by IA.G. [illegible], V. [illegible]tatov, [illegible] Prop. i agit. [illegible] Mr-Ap '60.

Activities of regional organization committees during the period of preparation for the Great October Socialist Revolution. V. A. Stepanin. Nauch.dokl.vys.shkoly; [illegible] no.2 [illegible]

Z[illegible] [(Historical significance of the Great October Socialist Revolution)] [illegible] 40 p.

RUSSIA—REVOLUTION, 1917-1921—AERIAL OPERATIONS

[illegible] of the great leader. B. Kudrin. Kryl.rod. 11 no.4 4-5 Ap '60.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

[illegible] with veterans of the revolution. [illegible] Mr-Ap '60.

[illegible]

[illegible] front. [illegible]

RUSSIA—REVOLUTION OF 1905

[illegible] the Revolution of 1905-1907, by [illegible] V. S. Petrovskii. Sov. [illegible]

RUSSIA—[illegible]

[illegible]

RUSSIA—RURAL CONDITIONS

[illegible] for rural culture [illegible] Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 41 p. [illegible]

RUSSIA—SOCIAL CONDITIONS

[illegible]

[illegible]

RUSSIA—[illegible]

[illegible]

RUSSIA—SUGAR INDUSTRY

[illegible]

RUSSIA—[illegible]

[illegible]

RUSSIA—TOURISTS, FOREIGN

[illegible]

RUSSIA—UNDERGROUND LITERATURE—BIBLIOGRAPHY

[illegible]

RUSSIA, NORTHERN—[illegible]

[illegible]

RUSSIA, NORTHERN—[illegible]

[illegible]

RUSSIA, NORTHERN—MAPS

[illegible]

RUSSIA, NORTHERN—PHYSIOGRAPHY

[illegible] A. I. [illegible]

RUSSIA, NORTHERN—RAILROADS—EARTHWORK

[illegible]

RUSSIA, NORTHWESTERN—ALKALI SOILS

[illegible] 1959. 17 p.

RUSSIA, NORTHWESTERN—CLAY

Composition and properties of banded clays in northwestern Russia. M. N. Kapuer. Izv.vys.ucheb.zav.; geol. i razv. 2 no.10 15-17 O '59.

RUSSIA, NORTHWESTERN—COLLECTIVE FARMS

Utilizing a machine-tractor depot on collective farms of the northwest. S. Traut. Ekon.sel'khoz. 31 no.2:62-69 F '60.

RUSSIA, NORTHWESTERN—WATERWAYS

[Along waterways of the Northwest; guidebook] Po vodnym putiam Severo-Zapada; putevoditel'. [Leningrad] Izd-vo "Rechnoi transport," Leningr. otd-nie, 1958. 111 p.

RUSSIA, SOUTHERN—DROUGHTS

Connection between droughts in the south of the European part of the U.S.S.R. and the northern half of the Kazakh S.S.R. M. Kh. Baidal, A. S. Uteshev. Trudy KazNIGMI no.11:130-131 '59.

RUSSIA, SOUTHERN—EROSION

Wind erosion of light soils in the Chestnut-Chernozem zone of the U.S.S.R. A. G. Gael', L. F. Smirnova. Vest.Mosk.un. Ser. 6: Biol., pochv. 15 no.2:51-62 '60.

RUSSIA, SOUTHERN—PASTURES AND MEADOWS

Pyneev, V. I. [Pastures of the Southeast] Pastbishcha IUgo-Vostoka. Izd.2., dop. [Chkalov] Chkalovskoe knizhnoe izd-vo, 1951. 336 p.
(DA)

RUSSIAN LANGUAGE

The "Contemporary Russian literary language" by V. A. Trofimov. Reviewed by E. G. Dobrodomov, I. P. Lysyakin. Rus.iaz.v shkole 21 no.1:100-101 Ja-F '60.

The great Russian language. S. P. Obnorskii. Sov.voin. 42 no.11:23-24 Je '60.

Structure of an algorithm for an independent grammatical analysis of the Russian language. Dokl. AN SSSR 131 no.4:1030-1050 [illegible] '60.

RUSSIAN LANGUAGE—ADJECTIVE

A study of the categories of adjectives in the Russian language. V. M. Pavlov. Vop.iaz. 9 no.2:65-70 Mr-Ap '60.

RUSSIAN LANGUAGE—AFFIXES

Development of prefix word formation of verbs in Russian. [illegible] Rus.iaz.v shkole 21 no.2:17-21 Mr-Ap '60.

Emotional and expressive meanings of the adjective suffix [illegible] V. M. Ogol'tsev. Rus.iaz.v shkole [illegible] 8-13 Mr-Ap '60.

RUSSIAN LANGUAGE—ALPHABET

[illegible] alphabet. O. Chilikin. Ogonek 38 no.10:26 Mr '60.

RUSSIAN LANGUAGE—AUDIO VISUAL AIDS

Using paintings, teaching pictures and drawings in teaching grammar. [illegible] Rus.iaz.v shkole 21 no.2:60-66 Mr-Ap '60.

RUSSIAN LANGUAGE—BIBLIOGRAPHY see Bibliography—Russian language

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Historical material in the book "Our language" for grade 4 and ways to improve it. V. I. Abramov. Nach.shkola [illegible] no.[illegible] 84-86 Mr '60.

Increase the educational importance of readers in grades 1-4. [illegible] Nach.shkola 28 no.1:69-71 [illegible] '60.

On the make-up of readers for grades 3-4. T. N. Redina. Nach.shkola 28 no.2:73-76 F '60.

"Our language" reader. [illegible] Nach.shkola 28 no.2:73-74 F '60.

What assignments should be given in readers. A. I. Lipkina. Nach.shkola 28 no.2:71-73 F '60.

What readers should be like. M. F. Savvin. Nach.shkola 28 no.2:74-75 F '60.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Combined exercises in Russian language classes in the schools for working youth. M. B. Uspenskii. Rus.iaz.v shkole 21 no.1:81-82 Ja-F '60.

Teaching composition in primary grades. A. I. Lipkina. Nach.shkola 28 no.1:47-51 Ap '60.

RUSSIAN LANGUAGE—DICTIONARIES

A. I. Sobolevskii's report on compiling dictionaries of Old and Middle Russian. Vop.iaz. 9 no.2:110 Mr-Ap '60.

RUSSIAN LANGUAGE—DICTIONARIES—BENGALI

[Russian-Bengali pocket dictionary] Karmannyi russko-bengal'skii slovar'. 7,500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 509 p.
(CU)

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Akhmanova, O. S., ed. [Russian-English dictionary] Russko-angliiskii slovar'. Okolo 25 000 slov. Izd. 13., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1959. 492 p.
[MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—GEORGIAN

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut fiziki [Terminology of physics, Russian-Georgian part] Terminologiia fiziki, russko-gruzinskaia chast'. Pod red. A.I.Gachechiladze i R.R.Gamkrelidze. Tbilisi, 1960. 140 p.

RUSSIAN LANGUAGE—DICTIONARIES—POLYGLOT

United Nations. Secretariat. Dept. of Conference and General Services. [Preliminary glossary of atomic energy, Russian, English, French, and Spanish] Predvaritel'nyi glossarii po atomnoi energii, Russkii, Angliiskii, Frantsuzskii, Ispanskii. [n.p.] 1955. 324 p. (Its Terminology bulletin, no.113)
(ICJ)

RUSSIAN LANGUAGE—DICTIONARIES—UKRAINIAN

Akademiia nauk URSR, Kiev. [Russian-Ukrainian geological dictionary, 10,000 words] Russko-ukrainskii geologicheskii slovar', 10 000 terminov. Sost. S.M. Golovanchuk i I.I.Sokolovskii. Kyiv, Izd-vo Akad. nauk URSR, 1959. 200 p.

Akademiia nauk URSR, Kiev. [Russian-Ukrainian physics dictionary] Russko-ukrainskii fizicheskii slovar', 10 000 terminov. Sost. V.V.Golubenko i dr. Kiev, 1959. 314 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Dictionary of winged and foreign words. Agitator no.7: 44 Ap '60.

Dictionary of winged and foreign words. Agitator no.8: 33 Ap '60.

RUSSIAN LANGUAGE—GLOSSARIES, VOCABULARIES, ETC.—KAZAKH

Brief Russian-Kazakh vocabulary of archeological terms [with introduction in Kazakh] [illegible] Vest. AN Kazakh. SSR 16 no.1:[illegible] '60.

RUSSIAN LANGUAGE—GRAMMAR

Direct object in negative sentences in Russian. [illegible] Rus. iaz. v shkole 21 no.2:37-42 Mr-Ap '60.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—UZBEK

Abrazheev, A.I., P.A.Danilov, and B.I.Ibragimov [Essays on the comparative grammar of the Russian and Uzbek languages, a textbook for correspondence courses in the Russian language and Russian literature of the pedagogical institutes of Uzbekistan] Ocherki po sopostavitel'noi grammatike russkogo i uzbekskogo iazykov; uchebnoe posobie dlia zaochnykh otdelenii fakul'tetov russkogo iazyka i literatury pedinstitutov Uzbekistana. Pod red. R.I.Dzhumanazarova i R.I.Iliganova. Tashkent, Akad. nauk Uz.SSR, 1960. 188 p.

RUSSIAN LANGUAGE—NOUN

Russian noun formation of the participial type. N.M. Kosenko. Vop. iaz. 9 no.1:[illegible] Ja-F '60.

RUSSIAN LANGUAGE—NUMERALS

[illegible] the role of numerals in conjunction with [illegible] Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

RUSSIAN LANGUAGE—OLD RUSSIAN

Ovchinnikova, V.B., and A.A.Dibrov. [Sketches of the Old Russian language] Ocherki drevnerusskogo iazyka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1959. [illegible] p.
(RPB)

RUSSIAN LANGUAGE—OLD RUSSIAN—SYNTAX

Moskalenko, A.A. [Syntax of complex sentences in the Old Russian and Ukrainian languages; a manual for correspondence students] Syntaksys skladnoho rechennia davn'orus'koi ta ukrains'koi movy; posibnyk dlia studentiv-zaochnykiv. Odesa, Odes'kyi derzh. pedynstytut, 1959. 31 p.
(MH)

Moskalenko, A.A. [Syntax of simple sentences in the Old Russian and Ukrainian languages, a manual for correspondence students] Syntaksys prostoho rechennia davn'orus'koi i ukrains'koi movy; posibnyk dlia studentiv-zaochnykiv. Odesa, Odes'kyi derzh. pedynstytut, 1959. 67 p.
(MH)

RUSSIAN LANGUAGE—ORTHOGRAPHY

"Collection of dictations on orthography and punctuation" by G.P.Firsov, I.G.Fil'chenko. Reviewed by I.A. Cheshko. Rus. iaz. v shkole 21 no.1:[illegible] Ja-F '60.

Development of literate writing on the basis of work with words in the first grade. N.S.Rozhdestvenskii. Izv. APN no.104:3-40 '59.

System of teaching orthography during the study of syntax. V.K.Ivanenko. Rus. iaz. v shkole 21 no.2: 41-48 Mr-Ap '60.

Work on orthography in connection with the study of transitive and intransitive verbs. F.IA.Rybov. Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

RUSSIAN LANGUAGE—PRONOUNS

Prevention and correction of students' errors in the use of pronouns. V.M.Perov. Rus. iaz. v shkole 21 no.1:[illegible] Ja-F '60.

RUSSIAN LANGUAGE—PUNCTUATION

"Collection of dictations on orthography and punctuation" by G.P.Firsov, I.G.Fil'chenko. Reviewed by I.A. Cheshko. Rus. iaz. v shkole 21 no.1:[illegible] Ja-F '60.

Combinations of punctuation marks and their use in schools. V.I.Mamonova. Rus. iaz. v shkole 21 no.2: 48-50 Mr-Ap '60.

RUSSIAN LANGUAGE—RIME

Zhirmunskii, V.M. [Rime; its history and theory] Rifma, ee istoriia i teoriia. Petrograd, Academia, 1923. [Ann Arbor, 1960] [illegible] p. (Voprosy poetiki, no.3)
(MH) [PHOTOCOPY]

RUSSIAN LANGUAGE—SEMANTICS

Some regularities in the change of word meanings. [illegible] Rus. iaz. v shkole 21 no.[illegible] Mr-Ap '60.

RUSSIAN LANGUAGE—SENTENCES

Types of complex subordinated sentences with subordinate clauses related to one word or group of words in the main part of the sentence. [illegible] Makarov. Vop. iaz. 9 no.1:[illegible] Ja-F '60.

RUSSIAN LANGUAGE—STUDY AND TEACHING

(see also subdivision under Textbooks, etc.)

Conducting Russian language lessons [illegible] Rus. iaz. v shkole [illegible] Ja-F '60.

Consultation. Rus. iaz. v shkole 21 no.1:[illegible] Ja-F '60.

Consultation. Rus. iaz. v shkole [illegible] '60.

Contemplated [illegible] of the [illegible] Literature. [illegible] Ja-F '60.

[illegible] M.A.[illegible] Rus. iaz. v shkole [illegible] '60.

Development in first grade students of [illegible] Izv. APN [illegible]

Development problems of [illegible] '60.

Discussing the draft of the new [illegible] for eight-year schools [illegible] no.2:[illegible] Mr-Ap '60.

Draft of a new Russian language [illegible] Ap '60.

Experience [illegible] writing [illegible]

First methodological conference [illegible] university [illegible] v shkole 21 no.1:[illegible] Ja-F '60.

From the experience of [illegible] with fifth grade students [illegible] v shkole 21 no.1:[illegible] Ja-F '60.

Grammatical games. [illegible] no.2:[illegible] Mr-Ap '60.

Independent work in Russian language [illegible]

[illegible] in writing [illegible]

Methodology of Russian language [illegible] Rus. iaz. v shkole 21 [illegible] Mr-Ap '60.

"Methods of teaching the Russian language in [illegible] schools" by A.V.[illegible] Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

Organizing vocabulary work in [illegible] V.IA.Voronin. Nach. shkola [illegible]

Pioneer meeting on the topic "[illegible] Russian language." [illegible] A. Mil[illegible] Rus. iaz. v shkole [illegible] Ja-F '60.

Planning work on the development of speech in eight-year schools. E.A.Ha[illegible] Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

Preparations of the Moscow Pedagogical [illegible] Teachers' Congress. N.I.[illegible] Rus. iaz. v shkole 21 no.1:104-108 Ja-F '60.

Remarks on the draft of the new Russian language program. [illegible] V.[illegible] Rus. iaz. v shkole [illegible] Mr-Ap '60.

Several ideas on the Russian language draft program. A.P.Antafonova, A.V.Kastlan[illegible] Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

Shortcomings of the draft of the new program. S.M. Nefedov. Rus. iaz. v shkole 21 no.2:[illegible] Mr-Ap '60.

[illegible]

RUSSIAN LITERATURE – HISTORY AND CRITICISM
(Continued)

Literary environment of A. P. Chekhov N. IE. Krutikova. Rad lit. no. 2:99-112 Mr-Ap '60

"On the boundary of two epochs" by K Zelinskii Reviewed by D. Dychko Zvezda no 3 218-219 Mr '60.

Our people and their work P Kosenko Part zhizn' Kazakh 30 no 3 73-77 Mr '60

Perspectives open up, a literary critic's notes El. Romanova. Inostr. lit no. 1 203-207 Ja '60

Saiodnik, V. F. [Outline history of Russian literature of the 19th century] Ocherki po istorii russkoi literatury XIX-go veka. Izd. 8. Kolomea, Izd-vo IA. Orenshteina [n. d.] 2 v.
(CLSU)

The Third Congress of Soviet Writers and the implementation of its decisions Ark Gaev Vest Inst po izuch SSSR no 4 69-88 O-D '59

RUSSIAN LITERATURE—OLD RUSSIAN

"Trudy of the Department of Old Russian Literature" Vol 14 Reviewed by N V. Ustiugov Vop ist no 6 160-162 Je '60

RUSSIAN LITERATURE—STUDY AND TEACHING

Aesthetic education in literature classes. I. P. Kiprik. Sred spets. obr. 7 no. 3:37-40 Mr '60.

Aleksich, A. P., and S. M. Brailovskaia [Manual to accompany "Our literature," an anthology for the 5th grade] Rukovodstvo k rabote po khrestomatii "Rodnaia literatura" V klass. Izd. 6., ispr. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 149 p.
(NIC)

Extracurricular reading. S. A. Anichkin. Nach. shkola 29 no. 2 22-24 F '60.

RUSSIAN NEWSPAPERS
(see also subdivision under Kustanay Province, Leningrad)

Berezhnoi, A. F., KH. M. Astrakhan, and I. S. Sazonov. [Bolshevik press in the struggle for the Soviet regime, March-October, 1917] Bol'shevistskaia pechat' v bor'be za vlast' Sovetov, mart-oktiabr' 1917 goda. [Leningrad] Lenizdat, 1960. 279 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra zhurnalistiki. [Bolshevik press, a collection of materials] Bol'shevistskaia pechat', sbornik materialov. Moskva, VPSh i AON pri TsK KPSS.
No. 1, 1895-1903 gg. 1959. 341 p.

A newspaper for the rural masses Part zhizn' no 12 75-76 Je '60

Propagandists and newspapers. A Chistov Agitator no 6 32-35 Mr '60

RUSSIAN PERIODICALS
(see also subdivision under Yakutia)

Berezhnoi, A. F., KH. M. Astrakhan, and I. S. Sazonov. [Bolshevik press in the struggle for the Soviet regime, March-October, 1917] Bol'shevistskaia pechat' v bor'be za vlast' Sovetov, mart-oktiabr' 1917 goda. [Leningrad] Lenizdat, 1960. 279 p.

"Inostrannaia Literatura"; a periodical of literature, art, social problems, and politics. Inform. biul. Sov. podgot. Kom. po sozyvu konf. pis. stran Azii i Afr. no. 1:0-0 '58.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra zhurnalistiki. [Bolshevik press; a collection of materials] Bol'shevistskaia pechat', sbornik materialov. Moskva, VPSh i AON pri TsK KPSS.
No. 1, 1895-1903 gg. 1959. 341 p.

RUSSIAN PERIODICALS—BIBLIOGRAPHY see Bibliography—Russian periodicals

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei no 27 '60

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei no. 28 '60.

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei no. 29 '60.

Chronological catalog of the "Sovremennik" magazine "'Sovremennik' magazine, 1847-1866; an index of its contents" by V. Bograd. Reviewed by V. A. Putintsev). Sov. bibl. no. 1:86-91 '60.

RUSSIAN PHYSICIANS see Physicians, Russian

RUSSIAN PLATFORM—COELENTERATA, FOSSIL

Some species of Devonian coelenterates from central and eastern areas of the Russian Platform. K. A. Ermakova. Trudy VNIGNI no. 16:69-105 '60.

RUSSIAN PLATFORM—OSTRACODA, FOSSIL

New ostracod species from the Vorob'yevka horizon of the middle Devonian of the Russian Platform. G. P. Ilashenko. Trudy VNIGNI no. 16:183-207 '60.

RUSSIAN PLATFORM—ROCKS—MAGNETIC PROPERTIE

Paleomagnetic investigation of sedimentary Devonian rocks in the northwestern part of the Russian Platform. T. I. Lin'kova. Izv. AN SSSR. Ser. geofiz. no. 6:868-870 Je '60.

RUSSIAN POETRY—COLLECTIONS

Dobrzhanskii, A. E. [Youth speaks; a collection of verse by students of the Moscow State Institute of Economics] Govorit molodost', sbornik stikhov studentov Moskovskogo gosudarstvennogo ekonomicheskogo instituta. Moskva, 1958. 87 p.
(MH)

[Free Russian poetry of the second half of the 19th century] Vol'naia russkaia poeziia vtoroi poloviny XIX veka. Leningrad, Sovetskii pisatel', 1959. 885 p. (Biblioteka poeta. Bol'shaia seriia. 2. izd.)
(CU)

Moscow. Literaturnyi institut. [Along a road just covered with snow, a collection of verses by students of the A. M. Gor'kii Literary Institute, sponsored by the Union of Soviet Writers] Po pervoputku, sbornik stikhotvorenii studentov Literaturnogo Instituta im. A. M. Gor'kogo pri Soiuze sovetskikh pisatelei. [Moskva] "Molodaia gvardiia," 1959. 159 p.
(NN)

[Poetry Day] Den' poezii. [Kursk] Kurskoe knizhnoe izd-vo, 1959. 54 p.
(MH)

[Revolutionary poetry, 1890-1917] Revoliutsionnaia poeziia, 1890-1917. Leningrad, Sovetskii pisatel', 1959. 610 p. (Biblioteka poeta. Malaia seriia. Izd. 3)
(CU)

RUSSIAN POETRY—HISTORY AND CRITICISM

Poetry and contemporaneity Ark El'iashevich Zvezda no 3 198-206 Mr '60

Selivanovskii, A. P. [Outline history of Soviet Russian poetry] Ocherki po istorii russkoi sovetskoi poezii. Moskva, Khudozh. lit-ra, 1936, [Ann Arbor, 1960] 453 p.
(MiU) [PHOTOCOPY]

Thoughts on poetry. A. Urban. Zvezda no. 2:178-188 F '60.

RUSSIAN SOCIAL DEMOCRATIC POLICY

Savel'ev, IA. V. [The Bolshevik Party during the world imperialist war; the second revolution in Russia, 1914-February 1917. Subject 6] Partiia bol'shevikov v gody mirovoi imperialisticheskoi voiny. Vtoraia revoliutsiia v Rossii, 1914 g. - fevral' 1917 g. Tema VI. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 101 p.

RUSSIAN STUDIES see subdivision under Munich

RUSSIAN ZOOLOGISTS see Zoologists, Russian

RUTCHENKOVO—AMMONIUM SULFATE

Operation of the NGP-800x400 continuous centrifuges in the recovery of ammonium sulfate. A. T. Ivashchenko. Koks. i khim. no. 4:39-41 '60.

RUTCHENKOVO—COKE-OVEN GAS

Absorption of naphthalene from coke-oven gas by solar oil in an apparatus pulverizing the liquid by a stream of gas. M. D. Kuznetsov, V. M. Leonenko, V. I Oratovskii. Koks i khim. no. 3:34-36 '60.

RUTCHENKOVO—MINE EXPLOSIONS

Causes for gas and dust explosion in the Rutchenkovo mine No. 31. V. G. Arshava. Bezop. truda v prom. 4 no. 3:7-9 '60.

RUTCHENKOVO—NAPHTHALENE

Absorption of naphthalene from coke-oven gas by solar oil in an apparatus pulverizing the liquid by a stream of gas. M. D. Kuznetsov, V. M. Leonenko, V. I. Oratovskii. Koks i khim. no. 3:34-36 '60.

RUTHENIUM—ANALYSIS

Determination of ruthenium in the presence of uranium, by means of rubeanic acid. V. I. Shlenskaia. Vest Mosk. un Ser 2 Khim. 15 no 2.69-72 Mr-Ap '60

RUT'KO, ARSENII IVANOVICH

Sea builders ("There is a more blue sea" by Arsenii Rut'ko. Reviewed by D. Dychko). Moskva 4 no. 1:221 '60.

RUTKOWSKI, BOLESLAW

Foreign organists. Leonid Roizman. Sov. muz. 24 no. 3:130-131 Mr '60.

RYAZAN—COOPERATIVE SOCIETIES

Reliable assistants of Ryazan stock breeders. M. Izrail'son. Sov. potreb. koop. 4 no. 3:43-46 Mr '60.

RYAZAN—NONFERROUS METAL INDUSTRIES

All those accepted were introduced. G. Sorokina. Izobr. i rats. no. 3:18-20 Mr '60.

RYAZAN—TEACHERS COLLEGES

From the experience of the Ryazan Pedagogical Institute. P. P. Kir'ianov. Sov. pedag. 24 no. 6:77-86 Je '60.

RYAZAN PROVINCE—AGRICULTURE

Let's learn from the experience of Ryazan Province farmers. Agitator no. 5:3-7 Mr '60.

Possibilities for developing agriculture in Ryazan Province, winner of the Lenin Prize. I. V. Bobkov. Vest sel'khoz. nauki 5 no. 2:3-11 F '60.

Zonin, V. P. [Great work of concern to all] Bol'shoe vsenarodnoe delo. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 50 p.

RYAZAN PROVINCE—AGRICULTURE—STUDY AND TEACHING

Labor training at a Ryazan village school. M. Pavlova. Sots. trud 5 no 2 113-116 F '60.

School experimental farms, their practices and prospects. K. Epifanov. Nar obr. no 6.51-58 Je '60

RYAZAN PROVINCE—COLLECTIVE FARMS

For the Soviet man. M. A. Sudovykh. Sov. voin 41 no. 22: 4-5 N '59.

RYAZAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Moskovskii, V. P., and others. [Inspiring example; work practices of the Ryazan Province party organization] Vdokhnovliaiushchii primer, iz opyta raboty Riazanskoi oblastnoi partiinoi organizatsii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 111 p.

RYAZAN PROVINCE—FARM MECHANIZATION

Machine operators of Ryazan. A. Uskov. Prof.-tekh. obr. 17 no. 3:17 Mr '60.

RYAZAN PROVINCE—GRAIN—STORAGE

Chemical preservation of grain in Ryazan Province. I. Anikeev, V. Priputnev, A. Markov. Muk.-elev. prom. 26 no. 1 14-16 Ja '60.

RYAZAN PROVINCE—PHYTOGEOGRAPHY

Recent material on the boundary between forest and steppe in the Para-Ranova watershed, Ryazan Province. N. A. Prozorovskii, G. I Melesko Vest. Mosk un. Ser. biol., pochv., geol., geog. 14 no 3 63-65 '59

RYAZAN PROVINCE—RADIO CLUBS

Propaganda brigade of the club in districts. I Zharkov. Radio no 3 6 Mr '60

RYAZAN PROVINCE—STOCK AND STOCKBREEDING

Reliable assistants of Ryazan stock breeders. M. Izrail'son. Sov. potreb. koop. 4 no. 3:43-46 Mr '60.

RYBINSK—CLEANING AND DYEING INDUSTRY

Deeds and facts. L. Davydov. Prom koop. 14 no. 4:30-31 Ap '60.

RYBINSK HYDROELECTRIC POWER STATION—HYDRAULICS

Using the method of G. P. Kalinin and P. I. Miliukov for calculating the unsteady water flow in the daily balance of the lower reach of the Rybinsk Hydroelectric Power Station A. P. Zhidikov Trudy TSIP no 96:85-126 '60

RYBINSK RESERVOIR—BREAM

Stages in the development of bream in Rybinsk Reservoir. E F Eremeeva. Trudy Inst. morf. zhiv. no. 28 79-106 '60.

RYBINSK RESERVOIR—PERCH

Some data on the development of pike perch in Rybinsk Reservoir. E. N. Dmitrieva. Trudy Inst. morf. zhiv. no 28:107-128 '60.

RYBINSK RESERVOIR—ROACH

Stages in the development of roach under different ecological conditions. N O. Lange. Trudy Inst. morf. zhiv. no. 28 5-40 '60.

RYBNOYE—RETAIL TRADE

The president. G. Shishkov. Sov. potreb. koop. 4 no. 3: 50-52 Mr '60.

SAFFRON

Effect of irrigation and waste gumbrin on the yield of saffron [in Azerbaijani with summary in Russian] I M Rzakuliev Uch zap AGU Biol ser no 2 3-16 '59

SAIAT-NOVA, pseud see Arutin Sailadian, 1712-1795

SAIGA see subdivision under Caspian Sea region, Kalmyk A S S R , Volga Valley

SAILING SHIPS

Wind effect on the drift of lugger type research ships. A O Shpaikher Probl. Arkt. no. 6 110-112 '59.

SAINTS, PATRON see Patron saints

SAKHALIN—DESCRIPTION AND TRAVEL

Trip to Sakhalin; from an artist's diary. S. Chekhov. *Moskva 4 no. 1:188-194 '60*

SAKHALIN—GEOLOGY, STRUCTURAL

Principal stages of relief development and recent tectonics in southern Sakhalin. E M. Rudich, S I. Skiba Vest. Mosk. un. Ser. biol., pochv , geol., geog 14 no. 3. 209-220 '59.

SAKHALIN—SEISMIC PROSPECTING

Using the first correlation modification of the controlled directional sensitivity method in Sakhalin A. V. Trigubov. Trudy MINKhiGP no. 26.195-212 '60.

SAKHALIN—SYRPHUS FLIES

Materials on the syrphus flies (Diptera, Syrphidae) of Sakhalin and the Kurile Islands N. A. Violovich Trudy Vses. ent. ob-va 47:217-272 '60.

SAKHAROV, MIKHAIL ALEKSEEVICH, 1869-

M Sakharov is now 90 years old Teatr 21 no 3 152 Mr '60

SAKHNOVSKII, KONSTANTIN VIKTOROVICH, 1880-

On Konstantin Viktorovich Sakhnovskii's 80th birthday and 50th anniversary of his pedagogical, engineering and public activities Bet i zhel -bet no 2 89 F '60

SAKSAUL see subdivision under Soviet Central Asia

SAL STEPPE—HYDROLOGY

Water balance of drainage basins in zones of deficient moisture. S. I. Kharchenko. Trudy GGI no. 73:55-89 '60.

SALEMAN, KARL GERMANOVICH, 1849-1916

Karl Germanovich Saleman. A. G. Perikhanian. Och. po ist. rus. vostokoved no. 4:79-115 '59

SALESMEN AND SALESMANSHIP

Distinguished worker of Soviet trade. N. Aniukov. Sov. potreb. koop. 4 no. 3:62-63 Mr '60.

SALICYLIC ACID

Kidney function test based on the use of *sodium para-aminosalicylate* (PAS) [with summary in French] G P Rozengol'ts Probl. tub 37 no. 8:64-71 '59

SALINITY see subdivision under Caspian Sea, White Sea

SALIVA

Agglutination reaction with blood serum and with the saliva of paradentosis patients in the process of treatment. Z. A. Flis, O. G. Datsenko. Probl. stom. 4:289-294 '58.

Salivation in orthopedic treatment of paradentosis. V. S. Moroz. Probl. stom. 4:375-378 '58.

SALIVARY GLANDS

Influence of the ligation of the salivary gland ducts on the condition of the periodontium in white rats. L. A. Sarzhevskaia. Probl. stom. 4:111-114 '58.

SALMON see subdivision under Pacific Ocean

SALMONELLA TYPHIMURIUM

Arginine decarboxylase in Salmonella typhimurium [with summary in English] IU. V. Galaev. Biokhimiia 25 no. 1:66-72 Ja-F '60.

SALT

(see also subdivision under Far East; Pripet Valley; Soviet Central Asia)

Consumption of salt. V. Smirnov, A. Liubimova. Khleb. i kond. prom. 4 no. 3:9-11 Mr '60.

Faster melting of glass has been accomplished by using sodium chloride. G. V. Gavrilova. Stek. i ker. 17 no. 2:40 F '60.

Mercurometric determination of table salt in food products. A. M Sushko, Z. A. Emel'ianenko. Soob. Prim. otd. VKHO no. 3:73-77 '57.

Sacred and accursed salt. E. Andreeva. Nauka i rel. *no. 2:33-39 O '59.*

SALT—THERAPEUTIC USE

Treatment of trichomonal colpitis with a saturated solution of sodium chloride. S. A. Adintsova. Med. zhur. Uzb. no. 10.38-39 O '58

SALT DEPOSITS

Microstructural analysis of salt deposits. S. A. Dolgikh. Vest AN Kazakh. SSR 16 no 2:60-63 F '60.

SALT FISH see Fish, Salt

SALT IN THE BODY

Influence of various edible and potable substances on the water and salt metabolism in man A IU. IUnusov, E. S. Makhmudov. Med. zhur Uzb no 8/9 70-79 Ag-S '58

Water and salt metabolism in patients with fractures of the long bones. D A. Kogan, V. IA. Kuzaeva, T. IU. IUsupov. Med. zhur. Uzb. no. 11 12-15 N '58.

SALT SOLUTIONS see Solution (Chemistry)

SALTPETER

Electric conductivity of a ternary system composed of sodium, potassium, and barium nitrates P. I. Protsenko, O. N. Shokina Zhur. neorg khim 5 no. 2 137-418 F '60.

SALTS

(see also subdivision under Kara-Bogaz-Gol (Gulf)

Ivanov, A. A., and IU. F. Levitskii. [Geology of halogenic deposits (formations) in the U. S. S. R.] Geologiia galogennykh otlozhenii (formatsii) SSSR Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960 421 p. (Leningrad Vsesoiuznyi geologicheskii institut Trudy, vol. 35)

SALVADOR—WOMEN—EMPLOYMENT

Discussing the right of women to work. Hilda Benjamin, Lilian Jimenez. Zhen. mira no. 11:25-26 '59.

SALVAGE (WASTE, ETC)

Let's collect refuse in a new way. M. Borisov. Prom koop 14 no. 4:21 Ap '60

SAMARIUM CHLORIDE

Basic chloride and hydroxide of samarium. N. V. Aksel'rud, V B. Spivakovskii. Zhur. neorg. khim. 5 no. 2. 340-347 F '60.

SAMARIUM HYDROXIDE

Basic chloride and hydroxide of samarium. N. V. Aksel'rud, V. B. Spivakovskii. Zhur. neorg. khim. 5 no. 2: 340-347 F '60

SAMARKAND—ARCHITECTURE—CONSERVATION AND RESTORATION

Restoring architectural monuments of Samarkand [in Uzbek with summary in Russian] IU. R. Rakhmatullaev, S. A. Akramov. Izv. AN Uz. SSR. Ser. obshchestv. nauk *no 1:34-40 '60.*

SAMARKAND—SURGICAL SOCIETIES

Brief report of the work of the Samarkand Surgical Society for 1957 F. M. Golub, L. A. Klimenko. Med zhur. Uzb no 6:83-86 Je '58.

SAMARKAND PROVINCE—AGRICULTURAL LABORERS—DISEASES AND HYGIENE

Mistress of the field camp. N. Golovin. Sov. kras. krest 10 no. 1:8 Ja-F '60.

SAMARKAND PROVINCE—COOPERATIVE SOCIETIES

Creative initiative. Z. Munirov. Prom. koop. 14 no. 3: 34 Mr '60.

SAMARKAND PROVINCE—PUBLIC HEALTH, RURAL

Reconstruction of the district echelon of the rural *public* health system in Samarkand Province V. I. Rashidov Med. zhur. Uzb no 8/9:87-89 Ag-S '58.

SAMARKAND PROVINCE—REVOLUTION, 1917-1921

Kel'diev, T. Kh. [Defeat of the counterrevolution in the Fergana and Samarkand Provinces of Turkestan, 1918-1923] *Razgrom kontrrevoliutsii* v Ferganskoi i Samarkandskoi oblastiakh Turkestanskoi ASSR, *1918-1923 g.* Pod red. A. Kh. Babakhodzhaeva. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 148 p.

SAN FRANCISCO—CIVIL RIGHTS

Revolt against McCarthyism. Nov. vrem. 18 no. 21:24 My '60.

SANATORIUMS see subdivision under Kiev Province, Los'

SANATORIUMS—FINANCE

"Analysis of the economic and financial operations of *sanatoriums*" by M I Malamud. Reviewed by K F Duplenko, M I. Pandre Vrach delo no 1:103 '60

SAND

Irregular granulometric composition makes possible the use of fine sands in making asphalt concrete mixes. N. M Avlasova, N. V. Gorelyshev. Avt. dor. 23 no. 6: 11-13 Je '60.

Using fine sands in making concretes. A. E. Sheikin. Bet. i zhel. -bet. no. 3:97-100 Mr '60.

SAND—CLEANING

Processing fine river sands. B. N. Odintsov. Bet. i zhel. -bet. no. 3:129-130 Mr '60.

SAND AND GRAVEL PLANTS

Bucket dredges for extracting sand and gravel. L. P. Kuk - Stroi. mat. 6 no. 4:27-29 Ap '60.

Gor'kov, A. V , and IU I. Chiek. [Reconstruction of quarries supplying building materials to the Stalingrad Hydroelectric Power Station] Rekonstruktsiia kar'ernogo khoziaistva dlia stroitel'stva Stalingradskoi GES. Moskva, Gidroproekt, 1959. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

Immediate objectives in developing and increasing technical standards of the rock-products industry P S Neporozhnii, S F Sukhotskii Stroi mat 6 no 6 3-5 Je '60

SAND DUNES see subdivision under Yakutia

SAND-LIME PRODUCTS

Krasuskii, E S. [Silicalcite, a local building material] Silikal'tsit - mestnyi stroitel'nyi material. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959 62 p.

SANDALASH VALLEY—PHYSICAL GEOGRAPHY

Geomorphological divisions of the Sandalash Basin (Chatkal River). M. M. Mamatkulov. Uzb. geol. zhur. no. 1:62-68 '60.

SANDBLAST

Sandblast apparatus for making cores V. G. Sviridov. Biul. tekh -ekon inform no. 2 11-12 '60

SANDING MACHINES see subdivision under United States

SANDYK, MOUNT (KIRGHIZISTAN)—ROCKS, IGNEOUS

Geochemical relations of Li, Na, K, Rb, and Tl in alkaline magmas and their petrogenetic significance [with summary in English]. B. I. Zlobin, V. I. Lebedev. Geokhimiia no. 2:87-103 '60.

SANGUISORBA

Some results of an investigation in connection with obtaining extracts of Sanguisorba [with summary in English]. N. A. Kuprina. Apt. delo 9 no. 2:11-14 Mr-Ap '60.

SANITARY CHEMISTRY

"Biological gloves." V. Aristov. Okhr. truda i sots. strakh. 3 no. 2,33-34 F '60.

SANITARY ENGINEERING

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 9. [Interior sanitary-engineering installations] Vnutrennie sanitarno-tekhnicheskie raboty.

No. 1. [Heating, water supply, sewer system, and gas supply] Otoplenie, vodoprovod, kanalizatsiia i gazosnabzhenie. 1960. 63 p.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

Genin, M. IA., and S. G. Khotkevich. [Machine tools and mechanisms used in sanitary engineering] Stanki i mekhanizmy dlia proizvodstva sanitarno-tekhnicheskikh rabot. Moskva, Gos. izd-vo lit-ry po stroit , arkhit. i stroit. materialam, 1959. 179 p.

SANTONIN

Quantitative determination of santonin in extracts of Artemisia cina and in eluates. IU. V. Shostenko, I. S. Simon. Apt. delo 9 no. 1:59-60 Ja-F '60.

SAPOGENINS

Steroid sapogenins. Part 7: Sapogenins of the roots and leaves of Yucca recurvifolia of the Black Sea coast of the Caucasus. T A Pkheidze, O. S Madaeva Zhur. ob khim 30 no 6 2067-2070 Je '60

SAPROPELS

Some aqueous and physical properties of sapropels. N. V Mikhal'chenkina Torf. prom. 37 no. 1:18-20 '60.

SARATOV—BREAKWATERS

Using reinforced concrete in protecting slopes of breakwaters. V. S. Vol'nov. Transp. stroi. 10 no. 3,31-34 Mr '60.

SARATOV—GAS DISTRIBUTION

Scientists help to organize urban gas supply systems. I. Zholudev. Zhil. -kom. khoz. 10 no. 4:11-13 '60.

SARATOV—GAS PIPES—CORROSION

Voltmeter for recording corrosion. G. Shokin, P. Solodovnikov. Zhil. -kom. khoz. 10 no. 4:28-29 '60.

SARATOV—HYDROELECTRIC POWER STATIONS

Hydroelectric plant completed in two years. V. IArosh, IUn. tekh. 4 no. 3:22-25 Mr '60.

SARATOV—MOTION-PICTURE INDUSTRY—EQUIPMENT AND SUPPLIES

Sergeev, K. [Shift norm in seven hours, from the work practice of a trade-union factory committee of the Saratov Motion-Picture Equipment Plant] Smennuiu normu za sem' chasov, iz opyta raboty zavodskogo komiteta profsoiuza Saratovskogo kinomekhanicheskog zavoda. [Moskva] Izd-vo VTsSPS Profizdat, 1958. 62 p.

SARATOV—PROJECT METHOD IN TEACHING

Experience in practical designing. M. Belyi. Prof.-tekh obr. 17 no.3:14-15 Mr '60.

SARATOV PROVINCE—AGRICULTURAL RESEARCH

Primary organizations are our support. N. Shanin. NTO 2 no.3:47-48 Mr '60.

SARATOV PROVINCE—COLLECTIVE FARMS—FINANCE

Planning and establishing norms for the working capital of collective farms. K. Sokratov. Vop.ekon. no.7: 137-142 Jl '60.

SARATOV PROVINCE—GEOLOGY, STRATIGRAPHIC

Structural characteristics of lower Carboniferous terrigenous sediments in the Volga Valley portion of Saratov Province. A. N. Kolesnikova. Trudy VNIGNI no.2000 72 '59.

SARATOV PROVINCE—GUIDEBOOKS

Malinin, G. A. [Memorable places of Saratov Province] Pamiatnye mesta Saratovskoi oblasti. [Saratov] Saratovskoe knizhnoe izd-vo, 1958. 160 p. (MIR)

SARATOV PROVINCE—IRRIGATION FARMING

Correct irrigation organization is an important potential for the increase of agricultural production in the Volga Valley. V Dmitriev. Ekon.sel'khoz 31 no 2:38-44 F '60.

SARATOV PROVINCE—JOURNALISTS

With joint forces. A. Lebedev. Sov.pech. no.4:52-53 Ap '60.

SARATOV PROVINCE—SAVINGS BANKS

Unused opportunities. S. Samsonov. Fin.SSSR 21 no.6: 70-72 Je '60.

SARATOV PROVINCE—SEISMIC PROSPECTING

Geological results obtained by the use of the controlled directional sensitivity method under platform conditions in the Saratov area of the trans Volga region. IU. N. Voskresenskii. Trudy MINKHiGP no.26:230-233 '60.

SARATOV PROVINCE—TECHNICAL EDUCATION

Closer to the demands of life. S. Korolnov. Prof.-tekh. obr. 17 no.3:10 Mr '60.

SARDINES see subdivision under Atlantic Ocean

SAREZ REGION—POPLAR

Ecology of Populus pamirica Kom. at the upper limits of its range. IU. D. Gusev, L. F. Sidorov. Bot.zhur. 45 no.3 444-445 Mr '60.

SAR'IAN, MARTIROS SERGEEVICH, 1880-

Martiros Sar'ian. A. Deineka. Ogonek 38 no.9:20 F '60.

SARMATIANS

Sarmatian burial mounds near the village of Salomatin. I. Berkhin. Soob.Gos.Erm. no.15:37-41 '59.

SARRAUTE, NATHALIE

In pursuit of psychological substance ("The planetarium" [in French] by Nathalie Sarraute. Reviewed by L. Zonina). Inostr.lit. no.2:269-270 F '60.

SARY-TASH REGION (OSH PROVINCE)—SOLAR RADIATION

Radiation and heat balance in the Sary-Tash region of the Alay Valley. F. A. Muminov. Trudy Sred.-Az. nauch.-issl.gidrometeor.inst. no.2:165-174 '59.

SASYK LAGOON—BENTHOS

Materials on zoobenthos of the Sasyk Lagoon. M. S. Burnashev, V. S. Chepurnov, A. G. Myndra. Uch.zap. Kish.un. 32:73-90 '58.

SASYK LAGOON—FISHES

Materials on fishes of the Sasyk (Kunduk) Lagoon collected in the summer of 1956. M. S. Burnashev and others. Uch.zap.Kish.un. 32:63-72 '58.

SASYK LAGOON—ZOOPLANKTON

Materials on zooplankton of the Sasyk Lagoon. M. S. Burnashev, V. S. Chepurnov, IA. I. Dimitriev. Uch.zap. Kish.un. 32:91-113 '58.

SATELLITES—JUPITER

Stability of circular orbits in the zone of action of Jupiter [with summary in English]. G A Chebotarev, A. I Bozhkova. Biul.Inst.teor.astron 7 no.8:581-587 '60.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

"Art of taking bribes" by P. Pertsov. Reviewed by Nik. Smirnov-Sokol'skii Ogonek 38 no 17 31 Ap '60

Laughter and tears; notes on the feuilleton. Evg. Osetrov. Zvezda no.2:195-202 F '60

Satirical section in the newspaper IUr. Chaplygin. Sov pech no 3 53-55 Mr '60

SATIRE, UKRAINIAN

Popular satirists, humorists, and jesters. F. I. Lavrov. Nar.tvorch.ta etn. 3 no.4:40-50 O-D '59.

SAUSAGE CASINGS

New way of preserving intestines as raw material. IU. Fel'dman. Sov.potreb.koop. 4 no.3:68 Mr '60.

SAUSSURE, FERDINAND DE, 1857-1913

The manuscript sources of F. de Saussure's "A course in general linguistics" [in French] by R. Godel. Reviewed by N. A. Sliusareva. Vop.iaz. 9 no.2:126-130 Mr-Ap '60.

SAVINA, MARIIA GAVRILOVNA, 1854-1915

M. G. Savina. R. Barysheu. Belarus' 17 no.2:27 F '60.

SAVINGS BANKS see subdivision under Saratov Province

SAVINGS BANKS—ACCOUNTING see subdivision under Tatar A.S.S.R.

SAW FILING

Semiautomatic saw sharpening and setting machine. Der. prom. 9 no.2:22-23 F '60.

SAWMILLS

For over-all mechanization and automation of sawmills IU. R Bokshanin, A. V. Khudiakov Les. prom. 38 no 2:24 25 F '60

The TSMShch multiple-saw machine unit. IU. S. Godik. Biul.tekh.-ekon.inform. no.3:28-29 '60.

SAWMILLS—EQUIPMENT AND SUPPLIES

Device for detecting metal. R G Tanichev. Les prom 38 no 2 30 F '60

SAWMILLS—LABOR PRODUCTIVITY see subdivision under Archangel Province

SAWS

Answers to readers' questions. Stroitel' no.4:31 Ap '60

Attachment to the circular saw. M. I. Busarov. Mekh. sil'.hosp. 11 no.2:10 F '60.

Kolokov, V. D. [Frame saws and their operation] Ramnye pily i ikh ekspluatatsiia. Izd 2, perer. Moskva, Goslesbumizdat, 1959. 144 p.

Remodeling small PD trimmers Rats.i izobr. predl v stroi no 14:28-30 '60

Stability of circular saws in cutting particle boards. A. A. Kovalenko. Der.prom. 9 no.2:17-18 F '60.

SAYAN MOUNTAINS—FLYSCH

Method for studying rhythms of stratification of shalow layers in Proterozoic flysch deposits in the western part of the Eastern Sayan Mountains [with summary in English]. A. A Savel'ev Vest.LGU 15 no 12 56-65 '60

SAYAN MOUNTAINS—GEOLOGY

Structural position and internal structure of massifs of basic rocks in Gutar-Agul region (Eastern Sayan Mountains) [with summary in English]. I N Krylov. Vest LGU 15 no 12,146-149 '60

SAYAN MOUNTAINS—ROCKS, CARBONATE

Continuous carbonate section of the Lena stage of the lower Cambrian in the Altai-Sayan mountain country and its paleontological characteristics. I. T. Zhuravleva, L. N. Repina, V. V. Khomentovskii. Dokl. AN SSSR 132 no.5:1160-1162 Je '60.

SCAB DISEASE IN SHEEP

Mechanized treatment of sheep against scab. G. Lazur. Tekh.v sel'khoz. 20 no.2:83-85 F '60.

SCALE INSECTS see subdivision under Georgia; Transcarpathia

SCALES (FISHES)

Time of the formation of annual rings on scales of the Pacific salmon and growth rate of the humpback salmo I. B. Birman. Dokl. AN SSSR 132 no 5,1187-1190 Je '60.

SCALES (WEIGHING INSTRUMENTS) see subdivision under Kiev

SCALES (WEIGHING INSTRUMENTS)—TESTING

Checking automobile scales. S. I. Gauzner. Izm.tekh. no.3:8-11 Mr '60.

SCALP—DISEASES

Shortening of the periods of infirmary treatment of patients with dermatomycoses of the scalp by the modified procedure of the Tashkent Province Skin and Venereal Dispensary. K. N. Takhirov. Med.zhur Uzb. no.11,55-58 N '58.

SCANDINAVIA—ELECTRIC POWER PLANTS

Cooperation of electric power systems in Scandinavian countries. N. N Antoshin. Energokhoz.za rub. no.2 34-38 Mr-Ap '60.

SCANDIUM—ANALYSIS

Sulfonazo, a new reagent for determining scandium and vanadium. Zav.lab. 26 no.3 380 '60.

SCARABAEIDAE see subdivision under Odessa Province; Soviet Central Asia

SCHEDULES, SCHOOL
(see also subdivision under Tula Province)

Vacations and end of classes in elementary, seven-year, eight-year, and secondary schools in the 1959-1960 school year. Inostr.iaz.v shkole no.1,123-124 Ja-F '60.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805

"Schiller unites the two Germanies." Horst Baerwald. Mol.mira no.9,9 '59.

SCHIZOPHRENIA

Differential diagnosis of asthenic and hypochondriac conditions. L. I. Zavilianskaia, V. M. Bleikher. Vrach.delo no.2:147-151 F '60.

Disturbances of thinking in schizophrenia. G. V. Morozov. Probl.sud.psikh. 8:453-457 '59.

Dynamics of hallucinations in schizophrenia. G. M Molchanov. Probl sud.psikh. 8 540-549 '59

Experimental study of the toxic properties of blood plasma from schizophrenia patients A. I. Sikharulidze. Soob AN Gruz SSR 23 no 5:503-509 N '59

Oxyhemometric data in insulin therapy of schizophrenic patients. Z. R. Tiushkevich. Zdrav.Belor. 3 no.10: 32-34 O '57.

Peculiarities in the course of "simple schizophrenia" and problems in legal psychiatric appraisal Sh I TSitsishvili Probl.sud.psikh. 8:482-490 '59.

Study of the bioelectric activity of the cerebral cortex in psychogenic hallucinations and in the hallucinations of schizophrenic patients. N. I. Smirnova. Probl.sud psikh. 8:643-650 '59.

Treatment of schizophrenia with serum which is organ specific in relation to the brain. G. V. Morozov and others. Probl.sud.psikh. 8:458-462 '59.

Views of Manfred Bleuler on schizophrenia. I. Galant. Zhur.nevr.i psikh. 60 no.1:127 '60

SCHMIDT PENINSULA—GEOLOGY

Ratnovskii, I. I. [Geology of the Schmidt Peninsula on Sakhalin] Geologicheskoe stroenie poluostrova Shmidta na Sakhaline. Leningrad, Gos.nauchno-tekhn.izd-vo neft.i gorno-topl.lit-ry, Leningr. otd-nie, 1960. 103 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.148)

SCHOOL CHILDREN—FOOD

Low-cost pastries for school children. IU. Fedotenko, A Kislenko Obshchestv.pit no 4 33 Ap '60.

SCHOOL EXCURSIONS
(see also subdivision under Kuybyshev; Omsk Province, Ul'yanovsk Province; Vyritsa)

Contact of students with veterans of the revolution. G. U. Achmiz. Prep.ist.v shkole 15 no.2:82-83 Mr-Ap '60.

"Long tourist excursions to places of historical interest" by G. I Goder, N. A. Kuperman. Reviewed by E. I. Kucherov Prep.ist v shkole 15 no.1 113-114 Ja-F '60.

Some ways to establish contacts between elementary education and life. L. A. Vysotina, N. S. Stepanova. Nach.shkola 28 no.4:42-46 Ap '60.

Using local material in class. V. I. Bogdanova. Nach. shkola 28 no.2 33-37 F '60.

SCHOOL GARDENS
(see also subdivision under Mytishchi)

Work training. E. I. Kosov. Nach.shkola 28 no.4:80-81 Ap '60.

SCHOOL HYGIENE

Lessons on the subject "Concern for health." A. M. Kazanskii. Nach.shkola 28 no.4:92-95 Ap '60.

SCHOOL HYGIENE—STUDY AND TEACHING

Experience in teaching school hygiene in pedagogical institutes of Leningrad. E. I. Krivitskaia, S. K. Kunin. Uch.zap.Ped.inst.Gerts. 193:190-217 '59.

SCHOOL LUNCHROOMS, CAFETERIAS, ETC. see subdivision under Kurgan

SCHOOL SPORTS

Let's build sports grounds. V. P. [illegible] Sport. [illegible] no. 3:10-11 Mr '60.

SCHOOL SUPERVISION

Problems are solved by a group. [illegible] no. 6:49 [illegible] '60.

SCHOOLHOUSES

First international seminar on school buildings. [illegible] no. [illegible] Mr '60.

SCHOOLHOUSES - LIGHTING see subdivision under Lamovo Province

SCHOOLS

Distribution of credit [illegible] daily cultural and public needs. [illegible] no. [illegible] '60.

SCHWEITZER, ALBERT, 1875

Albert Schweitzer and the study of Bach. [illegible] no. [illegible] Mr '60.

SCIENCE

(see also subdivision under Vietnam, North)

Address of welcome of [illegible], president of the Academy of Sciences of the U.S.S.R. Vest AN SSSR [illegible] '60.

Around the world. Znan. sila 35 no. 3:10-40 Mr '60.

"Art of popularization" by [illegible] no. [illegible] '60.

[illegible] program in science at the beginning of the 20th century. [illegible] Vest AN SSSR [illegible] '60.

Revelations brought by [illegible] Znan. sila 35 no. [illegible] Mr '60.

[illegible] Vest AN SSSR [illegible] '60.

[illegible] science information. [illegible] no. [illegible] Ap '60.

"What [illegible] scientists are working on" by [illegible] Reviewed by [illegible] '60.

SCIENCE - BIBLIOGRAPHY see Bibliography Science

SCIENCE - HISTORIOGRAPHY

[illegible] conference on setting up a [illegible] of the Soviet National [illegible] of Historians of Science and Technology. [illegible] Vest AN SSSR [illegible] Ap '60.

SCIENCE - INTERNATIONAL COOPERATION

[illegible] no. [illegible] '60.

SCIENCE - MISCELLANEA

[illegible] no. 12 [illegible] Mr '60.

[illegible] no. [illegible] '60.

SCIENCE - PERIODICALS

(see also subdivision under [illegible])

[illegible]

SCIENCE - PHILOSOPHY

(see also subdivision under [illegible])

[illegible] problems in natural science. [illegible] '60.

[illegible] the struggle for [illegible] Mr Ap '60.

Role of the law of the negation of negation in the cognition of the nature of light. [illegible] no. [illegible] '60.

Some methodological problems [illegible] critical analysis of [illegible] work "The [illegible] philosophy of plant forms." [illegible] '60.

To the editor of "Botanicheskii zhurnal." [illegible] no. [illegible] '60.

SCIENCE - PROBLEMS, EXERCISES, ETC.

Using [illegible] problems in a [illegible] no. [illegible] '60.

SCIENCE - STUDY AND TEACHING

How we try to combine studying a [illegible] subject with teaching the fundamentals of science. [illegible] no. [illegible] Mr '60.

SCIENCE, POLITICAL see Political science

SCIENCE FICTION - BIBLIOGRAPHY see Bibliography Science fiction

SCIENCE FICTION - HISTORY AND CRITICISM

[illegible] no. [illegible] '60.

SCIENTIFIC APPARATUS AND INSTRUMENTS

[illegible] '60.

[illegible] of the Academy of Sciences of the U.S.S.R. [illegible]

SCIENTIFIC RECREATIONS

Laboratory on the [illegible] no. [illegible]

SCIENTISTS

[illegible] members of the Academy of Sciences of the U.S.S.R. Vest AN [illegible] '60.

[illegible] '60.

SCINTILLATION COUNTERS

Effect of [illegible] on the efficiency of plastic scintillators with [illegible] A. [illegible] '60.

Manufacturing large [illegible] scintillators from plastic materials. [illegible] no. 2:[illegible] '60.

Measuring the [illegible] in the scintillation counting [illegible] '60.

Plastic scintillators with [illegible] '60.

Use of [illegible] Ap '60.

SCINTILLATION SPECTROMETRY

[illegible] meter. [illegible]

Scintillation spectrometer for [illegible] '60.

SCLEROTINIA

[illegible]

SCLERODERMA

[illegible]

SCORE

[illegible]

SCORPIONS

[illegible]

SCREENS, MULTIPLE see Multiple [illegible]

SCOPOLI, JAN VAN, 1608-1668

[illegible]

SCRAP METAL INDUSTRY

(see also subdivision under [illegible])

[illegible]

Metal scrap [illegible] '60.

SCRAPERS

[illegible]

SCREENS (MINING)

[illegible]

SCREW CUTTING

[illegible] '60.

[illegible]

SCREW CUTTING MACHINES - ATTACHMENTS

[illegible]

SCREW THREADS - MEASUREMENT

Gauge for checking external screw threads. [illegible] Mash. [illegible] no. [illegible]

SCREW THREADS - TESTING

Devices for increasing the efficiency [illegible]

SCREWDRIVERS

Device for unscrewing broken threads. [illegible]

[illegible]

Amino acid composition of globulins in ripening water-melon seeds [with summary in English] N. A. Byvshikh Fiziol. rast 7 no. 3 335-339 '60

Bulkevich, V. V. [Methods and conditions for the improvement of seeds] Priemy i usloviia uluchsheniia posevnogo materiala. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959 351 p.

SEEDS—ANATOMY

Anatomical features of the seeds of the sedge Carex physodes M. V. and C. pachystylis Gay. S. IU Rozhanovskii Uzb. biol. zhur. no 1 27-31 '60

SEEDS—CATALOGS

Akademiia nauk Uzbekskoi SSR, Tashkent. [List of seeds offered for exchange by the Botanical Garden of the Academy of Sciences of the Uzbek S. S. R.] Perechen' semian, predlagaemykh v obmen Botanicheskim sadom Akademii nauk UzSSR. Tashkent, 1958. 53 p.
(DA)

SEEDTIME see Planting time

SEGHERS, ANNA see Radvanyi, Netty (Reiling), 1900

SEGREGATION IN EDUCATION see subdivision under United States

SEICHES see subdivision under Aral Sea, Ladoga, Lake

SEISMIC PROSPECTING

(see also subdivision under Aktyubinsk Province, Bashkiria, Bulgaria; Pechora Basin, Sakhalin, Saratov Province; Vienna Basin)

Charts of theoretical hodographs of diffracted (dispersed) waves for the controlled directional sensitivity method. S. A. Nakhamkin. Trudy MINKHiGP no 26 83-96 '60.

Correlation modifications of the controlled directional sensitivity method. L. A. Riabinkin. Trudy MINKHiGP no. 26 18-27 '60.

[Crustal structure, based on seismic data; collected studies. Translated from the English. Preface by P. N. Kropotkin i E. F. Savarenskii] Stroenie zemnoi kory po seismicheskim dannym, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1959. 302 p

Diffracted waves separated by the controlled directional sensitivity method. L. A. Riabinkin. Trudy MINKHiGP no. 26 3-17 '60

Interpreting the data of principal modification of the controlled directional sensitivity method. V. V. Znamenskii. Trudy MINKHiGP no 26 43-51 '60.

Reflection of seismic waves from layers with variable parameters. V. M. Glogovskii. Trudy MINKHiGP no 26 211-240 '60.

SEISMOLOGY

(see also subdivision under Bulgaria, Turkmenistan)

Engineering and geological criteria in establishing detailed seismic regions V V Popov Trudy Inst fiz zem no 5 81-91 '59

Some problems concerning methods used in establishing seismic microregions A Z Kats Trudy Inst fiz zem no 5 20-59 '59

SEISMOMETERS

Automatically starting recorder of the seismograph. G N Korostin Trudy Inst. fiz. i geofiz. AN Turk SSR 5:75-87 '58

Electric coupling of oscillographs in the controlled directional sensitivity method S. A. Nakhamkin, V. P. Danilin Trudy MINKHiGP no. 26 40-42 '60.

Modern apparatus for the controlled directional sensitivity method L. A. Riabinkin, IU. V. Napalkov, G. N. Putimtsev. Trudy MINKHiGP no. 26:28-39 '60.

Modification of the SPM-16 seismograph for use in recording accelerations during low frequency vibrations V A Tokmakov, D A Kharin Trudy Inst fiz. zem no 5 126-130 '59

Problems in the theory and calculation of electrodynamic seismographs taking into account the input circuit of seismic amplifiers. M. K. Polshkov. Prikl. geofiz. no. 25 37-51 '60.

Universal filter for seismic signals. F. M. Gol'tsman, IU. N. Keil'man. Prikl. geofiz. no. 25:55-65 '60.

SEISMOMETRY

(see also subdivision under Naryn region, Tien Shan)

Determining the depth and relief of the interface by single transverse hodographs of refracted waves. M. M. Radzhabov, L. E. Agranovskii. Izv. AN SSSR. Ser. geofiz. no. 6:854-862 Je '60.

Determining the depth of a folded basement rock by the use of complex PS-type body waves recorded during earthquakes. N. K. Bulin. Izv. AN SSSR. Ser. geofiz. no. 6:781-786 Je '60.

Estimation of focal depth from macroseismic data with an account of the effect of the low velocity layer. N V. Shebalin Trudy Inst fiz zem no 5 100-113 '59.

Frequency theory of the grouping of signals against a background of correlated noises. F. M. Gol'tsman. Izv. AN SSSR. Ser. geofiz. no. 6:769-780 Je '60.

Interpretation of seismograms in the interference zone V. D. Zav'ialov. Prikl. geofiz. no. 24 26-53 '60.

sloping platform structures. M. B Shneerson. Prikl. geofiz no 25 3-19 '60

Relation between focal depth and isoseismal lines S V Medvedev Trudy Inst fiz zem no 5 94-99 '59

Seismic reaction platform O. V. Peshtmaldzhian. Izv. AN Arm SSR Ser. tekh. nauk 12 no. 6 23-28 '59.

Selection of mean velocities in determining effective depths by single transverse hodographs of refracted waves. M. M Radzhabov. Izv. AN SSSR. Ser. geofiz. no. 6:863-867 Je '60.

Some problems concerning the effectiveness of frequency selection and the resolving capacity of seismic amplifiers A I Slutskovskii. Prikl geofiz. no. 24:3-25 '60

Theory and method of calculating a rheostat amplifier with a band filter M. K Polshkov Prikl geofiz. no. 24 222-245 '60.

SELENIUM

Interaction of selenium with cadmium sulfide O. V. Al'tshuler, G N Zviadadze Trudy Inst met. no 5 81-84 '60

Preparation of industrial selenium by vacuum sublimation. A. A. Kudriavtsev. Izv vys. ucheb. zav., khim. i khim. tekh 3 no. 1:151-153 '60

SELENIUM—ANALYSIS

Determination of a microconcentration of gold in high purity selenium. V I. Shamaev, O. F. Saunkin. Izv. vys. ucheb zav., khim. i khim. tekh 3 no 1,66-68 '60.

SELENIUM CELLS

Relaxation processes in selenium photocells operating in phototubes. V. I. Murygin. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6:41-46 '59.

SELENIUM COMPOUNDS

Using dusts from the lead production in the phase analysis for selenium compounds. N A. Filippova and others. Zav lab. 26 no. 1 101-110 '60

SELF-DETERMINATION, NATIONAL

The right to self-determination or the right to revenge? A. Leonidov. Nov. vrem. 18 no. 24:7-10 Je '60.

SELF-SERVICE STORES

(see also subdivision under Moscow)

Progress carves its way. IA. Olalo. Sov. potreb. koop. 4 no. 2:18-20 '60.

SEMANIUK, IVAN IURIIOVYCH, 1874-1927

Marko Cheremshyna in Ukrainian folklore. V. V. Semchuk Nar. tvorch. ta etn. 3 no. 1:107-109 O-D '59.

SEMENOV, FEDOR ALEKSEEVICH, 1794-1860

Fedor Alekseevich Semenov, the self-taught astronomer and meteorologist of Kursk. V. I. Duginov. Meteor. i gidrol. no. 6:41-44 Je '60.

SEMENOV, VLADIMIR NIKOLAEVICH, 1874-1960

Vladimir Nikolaevich Semenov, obituary Arkhit. SSSR no 4 63 '60

SEMICARBAZIDE

Determination of tin by means of copper aryl- and diaryl-thiosemicarbazidinates. N. V. Koshkin. Izv. vys. ucheb. zav., khim i khim. tekh 3 no. 1:56-58 '60.

SEMICONDUCTORS

Applying a semiconductor with a single extrinsic level in explaining effects of extinction of photoconductivity and photoactivation. A. IU. Zeiderman, P. M. Karageorgii-Alkalaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6: 60-71 '59.

Calculating the average energy and mobility of charge carriers in semiconductors in the presence of strong electric and magnetic fields. A. Teshabaev, G. M. Avak'iants. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1: 80-82 '60.

Calculating the galvano- and thermomagnetic phenomena in semiconductors with consideration given the "entrainment" effect. E. Dzhaksimov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6:52-59 '59.

Controlled nonlinear semiconductor resistances. O. M. Kudriavtsev, V. I. Pruzhinina. Radiotekh. i elektron. 5 no. 6:1006-1008 Je '60.

Effect of an admixture on the thermoelectromotive force from the drag effect in semiconductors. E. Dzhaksimov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1:35-39 '60.

Effect of the barrier layer at a metal-semiconductor contact on the volt-ampere characteristic of the p-n junction. D. A. Aronov, G. M. Avak'iants. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 6:27-40 '59.

Kinetics of the photoconductivity of phthalocyanines. E K. Putseiko. Dokl. AN SSSR 132 no. 6:1299-1302 Je '60

Postoiannyi mezhinstitutskii kollokvium po tverdym fazam peremennogo sostava. [Quality of materials which are used in semiconductor engineering; works of the Permanent Colloquium on Variable Composition Solid Phases for the years 1957-1958] Kachestvo materialov dlia poluprovodnikovoi tekhniki; trudy kollokviuma za 1957-1958 gg. Pod obshchei red. B. F. Ormonta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Nos. 8 — 30. 1959. 102 p.

D. A. Petrov Trudy Inst. met. no 5 174-177 '60

Theory of the origin of the photoelectromotive force at the p - n junction in semiconductors. M. Azizov, G. M. Avak'iants. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1 15-22 '60.

SEMICONDUCTORS—ANALYSIS

Conference on the analysis of rare and semiconductor elements. Zav. lab. 26 no. 1:514-515 '60.

SEMICONDUCTORS—ELECTRIC PROPERTIES—TESTING

Instrument for studying kinetic effects in semiconductors O. V. Emel'ianenko, N V Trishin Prib i tekh eksp no 1 98-99 Ja-F '60

SEMITIC STUDIES

Semitic studies in the U. S. S. R. for the past forty years. K. B. Starkova. Uch. zap. Inst vost. 25:263-277 '60.

SENDREY-KARPER, LASZLO

Concerts by guitarists. I. IAmpol'skii, Mikhail Eikhten-gol'ts. Sov. muz. 24 no 3:133-134 Mr '60.

SENSE ORGANS

Electrophysiology and biophysics of sensory organs as discussed at the 21st International Physiology Congress. V. G. Samsonova. Biofizika 5 no. 1:114-119 '60.

SENSE ORGANS—FISHES

Some functional characteristics of the eye in codfish (Gadus morhua (L)) and the marine sculpin (Myxocephalus scorpius (L)) V R. Protasov, K. V Golubtsov Trudy Inst morf zhiv no 13,129-138 '60

SENSES AND SENSATION

Correlation of unpleasant sensations with orienting and defensive reactions [with summary in English]. A. K. Popov. Vop. psikhol 6 no. 1,121-127 Ja-F '60.

SENTO see Central treaty Organization

SEPARATORS (MACHINES)

Criterional values characteristic of the hydrodynamics of the flow between the plates of a separator E. M. Gol'din Izv vys ucheb zav, pishch tekh no 1 104-111 '60

Device for the prevention of clogging in the cyclones of gas pipedryers and control of their operation. V. A. Babenko Obog i brik. ugl. no 11 40-41 '59.

Introducing hydro-cyclones in coal preparation plants. M. N. Dunaev, B. S. Ordanskaia Obog. i brik. ugl. no. 11 3-6 '59.

KTs-5000 V. Stefanovich Nauka i zhizn' 27 no 3 66-67 Mr '60

Operation of a separator neck spring G. A. Kuk Trudy LTIKBP 13 46-51 '57.

Pulp thickening prior to flotation in battery hydro-cyclones in the Tkvarcheli Central Coal Preparation Plant. I. F. Pakhalok, A. G. Melik-Stepanova, M. S. Labakhua. Obog. i brik. ugl. no. 11 7-10 '59.

Separation factor N. Dolgopolov. Znan. sila 35 no. 3 42-43 Mr '60.

SEQUENCES (MATHEMATICS)

Simple end points for sequences of plain domains convergent to a kernel. G. D. Suvorov. Trudy TGU 144:22-26 '59.

SEREDNYA—PUPPETS AND PUPPET PLAYS

Puppet theater in school. K. P. Vorob'eva. Nach. shkola 28 no. 2 60-62 F '60.

SERGEEV, FEDOR ANDREEVICH, 1883-1921

The Artem monument. S. Kilesso Mystetstvo 7 no 1 40 Ja-F '60.

SERICULTURE—COSTS see subdivision under Uzbekistan

SERIES

Application of Woronoi's regular methods to the Cauchy multiplication of series. S. A. Sergushov. Usp. mat. nauk 15 no. 1:225-232 Ja-F '60.

New evaluation of the radius of convergence of Hill series [with summary in German]. M S Petrovskaia. Biul. Inst teor astron 7 no 6 441-465 '59

Strongly and unconditionally convergent series. P. L. Ul'ianov. Izv. AN SSSR Ser. mat. 24 no. 1:75-92 Ja-F '60.

SERPUKHOV—ELECTRIC CAPACITORS

Electric power. A. Mil'chakov. Smena 37 no. 2:6-7 Ja '60.

SERPUKHOV—TUBERCULOSIS

Surgical activities of the tuberculosis department of the First City Infectious Hospital in Serpukhov from 1955 to 1957. T. L. Kibardina. Probl. tub. 37 no. 8: 90-91 '59.

SERPUKHOVO—AIRPLANES—MODELS

Training volunteer instructors. A. Ivanov. Kryl. rod. 11 no 3:7 Mr '60.

Some elements in the elimination of protein ballast from antidiphtheria serum. K. Kh. Khadzhiev. Med zhur Uzb. no 5 39-42 My '58.

SERUM THERAPY

Treatment of schizophrenia with serum which is organ specific in relation to the brain. G V Morozov and others. Probl sud. psikh 8 458-462 '59.

SERVICE INDUSTRIES

How we try to improve services for the people. V. Kriazhev Otv na vop trud no. 111 31-35 '60.

In a workmen's settlement V. Lutikov. Sov. profsoiuzy 16 no 11 42-43 Je '60

New features in service industries Prom koop 14 no 4 23 Ap '60

Take the floor, industrial workers, discussing a standard design for a service industry center with a 1,200 thousand ruble capacity Prom koop 14 no 4 22-23 Ap '60

SERVICE INDUSTRIES—LABOR PRODUCTIVITY

Growth of labor productivity potential in the service industries V. Kriazhev, M Markovich Sots. trud 5 no. 2 77-82 F '60.

SERVICE STATIONS—EQUIPMENT AND SUPPLIES

Dmitriev, L.A. [Present-design and trends in the development of fuel and oil filling stations] Sovremennye konstruktsii i napravlenie sovershenstvovaniia toplivo-i maslorazdatochnykh ustanovok. Moskva, Vses in-t nauchn i tekhn informatsii, 1959. 53 p

SERVOMECHANISMS

Determination of an optimum transient pulse function in the presence of internal noise [with summary in English] P S Matveev Avtom i telem 21 no 3 286-292 Mr '60

SEVASTOPOL—SIEGE, 1942

Pavlichenko, L. M. [Heroic true story, defense of Sevastopol, 1941-1942] Geroicheskaia byl', oborona Sevastopolia, 1941-1942 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960 80 p. (Goroda-geroi)

SEVEN WONDERS OF THE WORLD

Neikhardt, A. A., and I. A. Shishova [Seven wonders of the world; a reader for the fifth grade] Sem' chudes sveta, kniga dlia chteniia v V klasse. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr otd-nie, 1960. 142 p.

SEVERNAYA ZEMLAYA

Ushakov, G A [Across untrodden land] Po nekhozhenoi zemle Moskva, Gos izd-vo geogr. lit-ry, 1959 367 p

SEVERODVINSK—INDUSTRIAL RELATIONS

For the good of the work L Usachev Agitator no 13 61 Jl '60

SÈVRES PORCELAIN

An unknown model of the Sevres Manufactory. N. Biriukova. Soob. Gos. Erm. no 15 35-37 '59.

SEWAGE—PURIFICATION

Efficient type of distributing structures in sewage purification works B. O Botuk and others Vod i san tekh no 4 22-24 Ap '60

Operation data of sewage purification plants of the Novo-Gor'kovskiy Petroleum Refinery M. S. Matveev, M K Krivorukov. Khim i tekh. topl. i masel 5 no. 4·19-24 Ap '60.

Purification of waste waters from the manufacture of phenol-formaldehyde resins. I. P. Rotenberg and others. Plast. massy no. 3·69-71 '60.

Reducing the sanitary protection zone between the filtration fields, residential quarters, and the main building of currently operated sugar factories A N Sakun, I. I Kaganovich. Vod. i san tekh no 4 29-30 Ap '60.

Scientific and technical conference on problems in the purification of industrial waste waters. A. A. Sidorov. Izv. ASiA no 2·178-179 '59.

SEWAGE DISPOSAL see subdivision under Kadiyevka

SEWERAGE

Development of water-supply and sewerage systems in cities of the U.S S R P A Spyshnov Vod i san tekh no 6 1-4 Je '60

Sanitary engineering in rural construction. Vod i san tekh no. 3 1-2 Mr '60

SEWERS, CONCRETE

Constructing precast sewers and petroleum separators at the Omsk Petroleum Refinery. V A. Nazarenko. Mont. i spets rab. v stroi. 22 no. 3:5-7 Mr '60.

New method for making reinforced concrete elements for sewer shafts A Evbatyrov Stroi i arkhit Len. 22 no 2 31 '60

SEWING MACHINES

Principle of design for a self-piling section feeder for sewing machines. A. A. Ushakov. Shvein. prom no. 1. 16-18 Ja-F '60.

Specialization of universal sewing machines. V. I. Lechitskii. Shvein prom. no. 1 33 Ja-F '60.

14 no. 3·30-37 Mr '60.

SEYATEL' (ROSTOV PROVINCE)—PUBLIC HEALTH, RURAL

Important matters call you, rural activists! Sov. kras. krest 10 no. 1·4-6 Ja-F '60.

SHABOLAT LAGOON—GRAY MULLETS

Growth rate of the gray mullet Mugil auratus Risso in the Shabolat Lagoon. M S. Burnashev, V. S. Chepurnov, K S. Konikovskaia. Uch. zap. Kish. un 32·115-129 '58.

SHACKLETON SHELF-ICE REGION—GEOLOGY, STRUCTURAL

Principal results of small-scale aerial magnetic surveying south of the Shackleton Shelf Ice IU. S. Glebovskii. Inform biul Sov. antark eksp. no. 12·37-40 '59.

SHAD see subdivision under Dniester River

SHAFRAN, DANIIL

The West German press reviews D. Shafran's concerts. Sov. muz. 24 no. 3·187 Mr '60.

SHAFRIKAN DISTRICT—CORN (MAIZE)

Battle for corn. M. Kadyrov. Uzbekiston 18 no. 8·11 Ag '59

SHAFT SINKING

About Kh. I. Abramson's remarks on the "Guide to subsequent grouting during shaft sinking." R. A. Tiurkian and others Ugol' Ukr 4 no 2 45 F '60

Determining the amount to be expected of methane emission during mine shaft sinking N P. IAkushin Ugol' Ukr 4 no 2,9-12 F '60.

Modification of mine shaft lining reinforcement methods. F. A. Abramov, A. P. Maksimov, V. A. Dolinskii. Ugol' 35 no. 3,50-54 Mr '60.

Shaft heating with heating units. V. Z. Marufienko. Ugol' Ukr 4 no 2·12-14 F '60

SHAFT SINKING—SAFETY MEASURES

Prevent the breaking of tubings and pipes in sinking mine shafts. Kh. I. Abramson. Bezop. truda v prom. 4 no. 3·10-11 '60.

SHAGANY LAGOON—BENTHOS

Zoobentos of the Shagany Lagoon V. S. Chepurnov, M. S Burnashev, V. N Dolgii. Uch. zap. Kish. un. 32;55-62 '58

SHAGANY LAGOON—ZOOPLANKTON

Zooplankton of the Shagany Lagoon. V. S. Chepurnov, M S. Burnashev, V. N. Dolgii. Uch zap. Kish. un. 32 47-54 '58.

SHAKESPEARE, WILLIAM, 1564-1616

Tragedy of the Danish Prince. Sh. Mirzoeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1:129-136 '60.

SHAKHOVSKII, BORIS MIKHAILOVICH, 1921-

"The cranes will return again"; verse by Boris Shakhovskii Reviewed by Petr Oifa. Zvezda no. 3 216-217 Mr '60

SHAKHTA REGION—LAMPROPHYRES

Lamprophyres in the Shakhta region. N. V. Buturlinov. Izv. vys. ucheb. zav., geol i razv 2 no. 11;50-62 N '59.

SHAKHTY (ROSTOV PROVINCE)—DESCRIPTION

We stood our ground and won! Ogonek 38 no. 11·12-13 Mr '60.

SHALE see subdivision under Krivoy Rog Basin

SHAMPOO see subdivision under United States

SHANGHAI—DRAMA FESTIVALS

The Shanghai Festival V. D. Teatr 21 no 3 189 Mr '60

SHANGHAI—STRIKES AND LOCKOUTS

Rise of the strike movement in Shanghai during the summer of 1926 L. A. Bereznyi. Uch. zap. LGU no. 282·66-79 '59.

SHANGHAI—TEACHERS, TRAINING OF

Having better-trained teachers at the Shanghai Shipbuilding School. TS'ai Hsin. Sred. spets. obr. 7 no. 1: 60-61 Ja '60.

SHANSI PROVINCE—MAN, PREHISTORIC

Acheulo-mousterian monuments and remains of Paleolithic man in China V. E. Larichev. Vop. antr. no. 1· 111-115 '60.

SHAPLEY, HARLOW, 1885-

On whose side are you, Professor Shapley? ("Of stars and men, human response to an expanding universe" by Harlow Shapley. Reviewed by Vladimir L'vov). Nauka i rel no 1:20-24 S '59.

SHARABRINA MOUNTAIN—SULFIDES

Sulfide mineralization in the area of Sharabrina Mountain (Ural Mountains). I. IA. Shirokova. Izv. vys. ucheb. zav., geol. i razv. 2 no. 10 64-68 O '59.

In memory of docent. G. M. Sharafutdinov. P. V. Manenkov. Kaz. med. zhur. 41 no. 1;124-125 Ja-F '60.

SHARLAI, ROMAN IVANOVICH, 1898-1960

In memory of Roman Ivanovich Sharlai; obituary. Vrach delo no 4 441 Ap '60

SHATALOV, IVAN

Feats in battle and at work. M. Baraban. Sov. voin. 42 no. 12:26 Je '60.

SHATURA—PEAT INDUSTRY—SAFETY MEASURES

Safety measures against self-ignition of milled peat. M P Kuliako. Torf prom. 37 no. 1 3-5 '60.

SHCHEKINO—COAL GASIFICATION

Industrial experience in the gasification under pressure of brown coals from Eastern Siberia. M. I. Derbarendiker. Gaz. prom. 5 no. 2 14-17 F '60.

SHCHERBAKOVA, ANNA ALEKSANDROVNA

Anna Aleksandrovna Shcherbakova, a methodologist. E. Bogacheva. Nar. obr. no. 6:34-35 Je '60.

SHCHORS, NIKOLAI ALEKSANDROVICH, 1895-1919

My warm greetings. F. E. Rostova. Rab. i sial. 36 no. 2·3 F '60.

SHEAR (MECHANICS)

Final deformations in plain shearing. V. G. Osipov. Trudy Inst met. no. 5:133-138 '60.

SHEEP

(see also subdivision under Daghestan; Kirov District)

Change in the breeding value of fine-wool sheep caused by growth and aging. D. I. Malikov. Trudy Inst. morf. zhiv. no. 31;147-148 '60.

Development of musculature and the nature of fat secretion in purebred and hybrid sheep raised on the range. G. F. Mukhin. Trudy Inst. morf. zhiv. no. 31·140-146 '60.

Distribution of vitamin B_{12} in the sheep organism. R. N. Odynets, A. Kanimetov. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:155-157 '59.

Effect of a growth substance derived from petroleum in increasing live weight in rabbits and sheep [in Azerbaijani with summary in Russian]. M. A. Akhundov, A A Gashimov, L. G. Gashimova Uch. zap. AGU. Biol. ser no. 2 17-22 '59

Some morphological characteristics of early maturity in meat type farm animals Pt 1 [with summary in English] S N Bogoliubskii Biul MOIP. Otd. biol 64 no 5 99-115 S-O '59

SHEEP—DISEASES AND PESTS

Contagious ecthyma of sheep. F. M. Ponomarenko, IU. P. Smitian. Visnyk sil'. hosp. nauky 3 no. 3:80-83 Mr '60.

SHEEP—FEEDING AND FEEDS

Effect of different feeding of ewes on the density of wool of semicoarse-wool hybrid lambs. K. I. Maslova. Trudy Inst. morf. zhiv. no. 31:134-139 '60.

Effect of feeding on the productivity of sheep. M. M. Hal'chii Visnyk sil'. hosp. nauky 3 no. 3:76-79 Mr '60.

SHEEP—PHYSIOLOGY

Effect of stable strontium isotopes on the sheep organism. Odynets and others. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:93-117 '59.

SHEEP BREEDING see subdivision under Golodnaya Steppe

SHEEP BREEDS

Some problems in breed morphology. F. M. Mukhamedgaliev. Trudy Inst. morf. zhiv. no. 31:117-123 '60.

SHEEP HOUSES AND EQUIPMENT

Mechanized treatment of sheep against scab. G. Lazur. Tekh. v sel'khoz. 20 no. 2:83-85 F '60.

SHEET IRON

Studying the properties of sheet iron as a commercial product. V. T. Karpov, S. S. Nekrytyi. Sbor. nauch. rab. INKH no. 16;51-60 '59.

SHEET-METAL WORK

(see also subdivision under Minsk)

Using blasting techniques in sheet-metal stamping. G N Mekhed, S. M. Kolesnikov. Biul. tekh.-ekon. inform. no. 2 88-93 '60.

SHEET STEEL

Prevention of surface defects in the annealing of sheet steel [with summary in English]. K. V. Dneprenko Stal' 20 no. 3;255-259 Mr '60

Zhuravlev, B. A., and S. N. Lisitsyn. [Sheet steel workers' handbook] Spravochnik zhestianshchika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 326 p.

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891

Unpublished letters to N. V. Shelgunov. N. G. Zorina. Uch. zap. LGU no. 284;138-140 '60.

SHELLS

[illegible] in building [illegible] B. Rhodes [illegible] '59.

SHELVES (FOR BOOKS)

[illegible]

[illegible]SOVA, TAMARA MIKHAILOVNA, 1909

[illegible] of the [illegible] birthday of [illegible]

[illegible], AZIZ

[illegible]

[illegible], VASILII DMITRIEVICH, [illegible]

[illegible]

SHEVCHENKO, TARAS, 1814-1861

[illegible]

[illegible] [[illegible] and White [illegible]] [illegible] 1960. 4? p. [illegible]

[illegible]

SHEVCHENKO, TARAS, [illegible] — MONUMENTS, ETC.

[illegible]

[illegible]

[illegible]

SHIPBUILDING
(see also subdivision under Krasnoyarsk)

Gelmer, I.P. [The design of ship repair and shipbuilding enterprises] Proektirovanie sudoremontnykh i sudostroitel'nykh predpriiatii. Moskva, Izd-vo "Rechnoi transport," 1959. [illegible] p.

History of Russian shipbuilding in the 18th and first half of the 19th century. N.I.[illegible]. [illegible] '60.

SHIPBUILDING — EQUIPMENT AND SUPPLIES

[illegible], L.A., and others. [Hull construction with use of aluminum alloys] Korpusnye konstruktsii s [illegible] splavov. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 154 p.

Shipbuilding [illegible] concrete [illegible] for [illegible] A.A.[illegible]. Trudy [illegible] no. 40 [illegible] '60.

SHIPBUILDING — HYGIENIC ASPECTS

[illegible] of accidents" by A. [illegible]. Reviewed by [illegible] no. [illegible] Ap '60.

SHIPBUILDING WORKERS

[illegible], N.V. [Sormovo factory workers on a labor watch] [illegible] [Moskva] Izd-vo VTsSPS, Profizdat, 1960. [illegible] p.

[illegible] and the [illegible] in the shipbuilding industry. [illegible] no. [illegible] Mr '60.

SHIPFITTING

Mezhdurechenskov(?), V.V. [Hull fitting shops of a shipbuilding enterprise] Korpusnye tsekhi sudostroitel'nykh predpriiatii. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 2?? p.

[illegible], IOSIF SEMENOVICH, 1902

[illegible] Mr '60.

[illegible], ANNA IVANOVNA

[illegible] M.A.[illegible] '60.

SHIPMENT OF GOODS
(see also subdivision under [illegible])

[illegible] A. [illegible] Mr '60.

SHIPPING

[illegible] of water [illegible] operation. V.[illegible] Mr '60.

SHIPS

[illegible] Mr '60.

SHIPS — MAINTENANCE AND REPAIR

[illegible], I.P. [Handbook of a technician in a shipfitting shop of a ship repair plant] [illegible] Moskva, Izd-vo "Morskoi transport," 1960. 607 p.

Ultrasonic waves [illegible] ship [illegible]. V. Aleksandrov. [illegible] Mr '60.

SHIPS, CONCRETE — TESTING

[illegible] for testing the [illegible] of reinforced [illegible] M.[illegible]

SHIPS, IRON AND STEEL — CORROSION

Use of aluminum [illegible] against the [illegible] of marine vessels [with summary in English]. I.M.[illegible], I.P.[illegible]. [illegible] AN [illegible] '60.

SHIPYARDS

Gelmer, I.P. [The design of ship repair and shipbuilding enterprises] Proektirovanie sudoremontnykh i sudostroitel'nykh predpriiatii. Moskva, Izd-vo "Rechnoi transport," 1959. 315 p.

SHIROKOV, STEPAN VASIL'EVICH, 1893-1959

[illegible]

SHIRTS, MEN'S

[illegible], and others. [Men's shirts] [illegible] Moskva, [illegible] 1960. 93 p. (Biblioteka [illegible])

SHIRVAN REGION (AZERBAIJAN) — OIL FIELDS — PRODUCTION METHODS

[illegible]

SHIRVAN STEPPE see Kura Lowland

SHLIAPNIKOVA, NADEZHDA

The result of youth (a story about three Saratov actors). [illegible] Teatr 21 no.1:112-116 Mr '60.

SHLIKHTER, OLEKSANDR HRYHOROVYCH, 1868-1940

Oleksandr Hryhorovych Shlikhter, on the 90th anniversary of his birth. D.I. Virnyk. Visnyk AN URSR 29 no.6 51-61 Ap '58.

SHNIRMAN, ALEKSANDR L'VOVICH, 1899-1960

A.L. Shnirman, obituary. Vop. psikhol. 6 no.1:188-189 [illegible] '60.

SHOCK

"Clinical aspects, pathogenesis, and treatment of a syndrome caused by prolonged shock action" by M.I. Kuzin. Reviewed by A.M.[illegible]. Kaz. med. zhur. 41 no.1:120-121 Ja-F '60.

SHOCK ABSORBERS

Investigating liquid dampers. [illegible] Trudy MAI no.117:5-11 '59.

SHOCK WAVES

Application of integral relations to problems of the propagation of strong shock waves. G.G.Chernyi. Prikl. mat. i mekh. 24 no.1:121-135 Ja-F '60.

Shock waves in magnetohydrodynamics. M.N.Kogan. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no.1 [illegible] '60.

Some solutions of problems in one-dimensional magnetohydrodynamics and their application to problems of the propagation of shock waves. V.P.Korobeinikov, E.V. Riazanov. Prikl. mat. i mekh. 24 no.1:111-120 Ja-F '60.

SHOE INDUSTRY

Conveyors must have a full load! V. Golovinkin, D. Gul'baviat, A. Kolchinskii. Prom. koop. 14 no.3:27-28 Mr '60.

Morvanidze, D.G. [Shoe industry during the years of the Soviet regime] Obuvnaia promyshlennost' v gody sovetskoi vlasti. [Moskva] Biuro tekhn. informatsii legkoi promyshl., 1957. 41 p.
(60)

SHOE INDUSTRY — PRODUCTION STANDARDS
(see also subdivision under Lvov)

Spoiling producers. I. Davydov. Prom. koop. 14 no.3: 40 Mr '60.

SHOE INDUSTRY — TECHNOLOGICAL INNOVATIONS see subdivision under Lvov

SHOE MANUFACTURE

Committee for the Control of Administrative Operations on [illegible] no.1:112-115 Ja '60.

SHOEMAKERS — DISEASES AND HYGIENE

Vibration neuritis among shoe factory workers. A.D. [illegible], N.I. Gordina. Vrach. delo no.1:25-30 '60.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905

Our Sholokhov. A.[illegible] 37 no.6:20 Ap '60.

[illegible] A.Sofronov. Ogonek 38 no.[illegible] '60.

SHOOTING CONTESTS

Before the Olympic games in Rome. A. Maksimov. [illegible] '60.

SHOPPING CENTERS

The civic center of a small town and its construction according to a [illegible] plan. Z.N.[illegible]. Prom. stroi. [illegible] no.8:117-128 '60.

Distributing commercial enterprises in planning residential districts. V. Ulashkevich. Zhil. stroi. no.3:28-32 Mr '60.

Distribution of establishments serving daily cultural and public needs. I.V.[illegible]. Prom. stroi. no.[illegible] '60.

SHORE PROTECTION

Balance shaping of bank slopes by waves. I.K.Sivakov. [illegible] no.[illegible] '59.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for building and assembling operations and repair work in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam
Sbornik 13. [Shore protection and stabilization] Beregoukrepitel'nye i vypravitel'nye raboty. 1960. 103 p.

SHORT STORIES

Bolinov, M.E., comp. [On land and sea; tales, stories, and sketches] Na sushe i na more; povesti, rasskazy, ocherki. Moskva, Geografgiz, 1960. 540 p. (Puteshestviia, Prikliucheniia, Fantastika)
(MII)

Soiuz sovetskikh pisatelei. [Armored heart; stories] Bronirovannoe serdtse; rasskazy. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1958. 236 p.
(MII)

SHORT STORIES, ITALIAN

[Italian short stories, 1860-1914. Translated from the Italian] Ital'ianskie novelly, 1860-1914. Moskva, Gos Izd-vo khudozh. lit-ry, 1960. 726 p.

SHORT STORY

The art of the short prose form L. Fomenko Zvezda no 3 191-197 Mr '60

SHOSHIN, ALEKSEI ALEKSEEVICH, 1891-1959 or 1960

In memory of Aleksei Alekseevich Shoshin Gidr, i mel 12 no. 2 61 F '60

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

On the unity of cycles in Shostakovich's Eleventh Symphony, "The Year 1905" VI Protopopov Soob Inst ist isk no 15 23-35 '59

SHOULDER JOINT—DISLOCATION

Bloody setting of a neglected arm dislocation and simultaneous osteosynthesis with a ram's horn in fracture of the humerus N L Gladyrevskii, N A Testemitsanu Zdravookhranenie 2 no 6:52-53 N-D '59

SHOW WINDOWS

(see also subdivision under Moscow)

Creative laboratory. V. Glazunova. Sov. torg. 33 no. 3:38-42 Mr '60

New books on foreign practice ("Containers and packaging abroad"; "Commercial advertising abroad" Reviewed by A. Gavrilov). Sov. potreb. koop 4 no 3:92-93 Mr '60.

SHRUBS

(see also subdivision under Caucasus, Kazakhstan)

Akademiia navuk BSSR. Minsk. Instytut biialogii. [Trees and shrubs introduced into the White Russian S. S R.] Introdutsirovannye derev'ia i kustarniki v Belorusskoi S S. R, Minsk.

No 2. [Arboraceous plants introduced from the flora of North America] Introdutsirovannye drevesnye rasteniia flory Severnoi Ameriki. 1960. 296 p.

SHRUBS—DISEASES AND PESTS

Diseases of trees and shrubs in tugai forests of the Syr Darya Valley. IU. V. Sinadskii, M A. Bondartseva Bot. zhur. 15 no. 3 423-429 Mr '60.

SHTURM, VIKTOR AVGUSTOVICH

Master of miraculous healing A Itigin Nauka i rel no 4 25-29 Ap '60

SHUSHENSKOYE—NEWSPAPER AND PERIODICAL CIRCULATION

In the village of Shushenskoye I Bendiukov Raspr pech no. 3 15 Mr '60

SHUSHKEVICH, S.

' The path of spring by S. Shushkevich. Reviewed by IA. Pushcha Belarus' 17 no. 2 31 F '60.

SHUTTERS, PHOTOGRAPHIC

Calculating slotted shutters of aerial cameras N P Zakaznov Izv vys ucheb zav , geod i aerof no 2 131-143 '60

SHUTTERS, PHOTOGRAPHIC—TESTING

Use of high-speed cinematography in investigating the shutters of aerial cameras IU N Kuznetsov Izv vys ucheb zav , geod i aerof no 2 105-109 '60

SHVARTS, ALEKSANDR IZRAILEVICH, 1900-1958

A. I Shvarts, obituary. Izv VNIIG 61.191-192 '58.

SIBERIA

[Siberian virgin land] Sibirskaia tselina. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 186 p.

SIBERIA—AGRICULTURE—ECONOMIC ASPECTS

Academic-coordinating conference of agricultural economists of Siberia A Tianutov Ekon sel'khoz. 31 no 2:114-115 F '60

SIBERIA—BIRDS

Data on the birds of central Siberia. A. S. Rozhkov, L. I. Malyshev. Izv. Sib. otd AN SSSR no. 2 113-116 '60.

SIBERIA—ELECTRIFICATION

Electrical Siberia. IA Mazover. Kul't. i zhizn' 4 no 4: 15-20 '60.

SIBERIA—LABOR AND LABORING CLASSES

First coordinating conference on the problem of labor productivity increase potentials and the use of labor resources in the national economy of Siberia and the Far East. V. N Vasil'ev. Izv. Sib. otd. AN SSSR no. 2 120-121 '60.

SIBERIA—POLIOMYELITIS

Brief news. L G Tikonin, A. P Gerasimenko Zhur mikrobiol epid i immun 31 no. 2 156-158 F '60

SIBERIA—POWER ENGINEERING

Akademiia nauk SSSR. Zapadno-Sibirskii filial, Novosibirsk. Transportno-energeticheskii institut. [Problems in the use of Siberian fuels for power production] Voprosy energotekhnologicheskogo ispol'zovaniia topliv Sibiri. Otv. red. I A IAvorskii Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1960. 142 p

SIBERIA—RAILROADS

Abakan-Tayshet. Znan ta pratsia no. 3:21 Mr '60.

People hasten the time. S Smolianitskii Kul't. i zhizn' 4 no 2 18-24 '60

SIBERIA—RAILROADS—CONSTRUCTION

Across the Sayan Mountains and Siberian rivers. Vokrug sveta no. 3:14-15 Mr '60

SIBERIA—RAILROADS—SNOW PROTECTION AND REMOVAL

Komarov, A A [Increasing the effectiveness of snow protection devices on Siberian railroads] Povyshenie effektivnosti snegozashchitnykh sredstv na zheleznykh dorogakh Sibiri [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1959 105 p.

SIBERIA—TEXTILE INDUSTRY

Outlook for the expansion of the textile industry in Siberia. Z. N. Mandrusov, L L Dobromyslova. Tekst prom 20 no 2 4-7 1 '60

SIBERIA, EASTERN—AGRICULTURE

Konferentsiia po razvitiiu proizvoditel'nykh sil Vostochnoi Sibiri. 1958, Irkutsk. [Development of the resources of Eastern Siberia. Agriculture] Razvitie proizvoditel'nykh sil Vostochnoi Sibiri Sel'skoe khoziaistvo. Moskva, Izd-vo Akad. nauk SSSR, 1960. 426 p. (Its trudy)

SIBERIA, EASTERN—BAUXITE

Preparing products rich in titanium from aluminum raw materials of Eastern Siberia E. I Khazanov, V S. Mal'tsev. Titan i ego splavy no. 2:6-10 '59

SIBERIA, EASTERN—BUILDING MATERIALS INDUSTRY

Possibilities for expanding supply bases of the construction industry in Eastern Siberia N V Tikhonov L K Ryzhov Stroi mat 6 no 3 16-18 Mr '60

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Tectonics and Mesozoic history of the cis-Taymyr trough N. A Singaev. Trudy NIIGA 106:170-233 '60

SIBERIA, EASTERN—LEGENDS

Folklore and legends about the relationships among the peoples of the Eastern Siberia L. F Iliasov. Zap Bur -Mong NIIK no 25 178-191 '58

SIBERIA, EASTERN—NATIVE RACES

Folklore and legends about the relationships among the peoples of the Eastern Siberia L F Iliasov Zap. Bur -Mong NIIK no 25 178-191 '58

SIBERIA, WESTERN—AGRICULTURE—COSTS

Kulik, G. V., and M. I. Tikhomirov. [Organizational-economic plan for reducing collective farm expenditures] Organizatsionno-khoziaistvennyi plan snizheniia zatrat kolkhoza. Moskva, Gos. Izd-vo sel'khoz. lit-ry, 1960. 83 p.

SIBERIA, WESTERN—COMMUNICABLE DISEASES

Results of the work of Tomsk investigators in 1956-1958 on diseases having a natural focus S P Karpov. Vest AMN SSSR 14 no 10 37-42 '59

SIBERIA, WESTERN—CONSTRUCTION INDUSTRY

West-Siberian Branch D I. Koz'min Izv. ASIA no. 2: 157-158 '59

SIBERIA, WESTERN—GEOLOGY, STRATIGRAPHIC

Traces of the Bajocian and Callovian transgression in the West Siberian Lowland I G Klimova, IU V. Teslenko Dokl AN SSSR 132 no 6 1385-1387 Je '60

Upper Paleozoic and lower Mesozoic of the western slope of the Urals and the western part of the West Siberian Plain F. A Kareva. Trudy VNIGRI no. 140 40-61 '59.

SIBERIA, WESTERN—GEOLOGY, STRUCTURAL

Origin and morphology of lake depressions in the West Siberian Lowland. V. I. Orlov Izv. Vses. geog. ob-va 92 no 3 227-234 My-Je '60.

SIBERIA, WESTERN—GLACIAL EPOCH

Extent and nature of the Syryanka glaciation in the northwestern part of the West Siberian Lowland. G I. Lazukov. Vest Mosk. un. Ser. biol., pochv., geol., geog 14 no. 4 209-216 '59

SIBERIA, WESTERN—LAKES

Origin and morphology of lake depressions in the West Siberian Lowland V. I Orlov. Izv. Vses. geog. ob-va 92 no. 3 227-234 My-Je '60.

SIBERIA, WESTERN—LINDEN

Linden groves in Western Siberia and their preservation. I V. Zykov. Okhr. prir. i zapov. delo v SSSR no. 4:29-32 '60

SIBERIA, WESTERN—PALEOGEOGRAPHY

Development of the hydrographic network in the northwestern part of the West Siberian Lowland. G. I Lazukov. Vest. Mosk un. Ser. biol., pochv., geol., geog. 14 no. 3 3-12 '59.

SIBERIA, WESTERN—SURVEYING

Specific features of the use of the state [illegible] in agricultural surveys under conditions [illegible] Western Siberia work practices of the Siberian [illegible] prise "Aerial Agricultural Surveying" [illegible] khin Izv vys ucheb zav geod i aerof no [illegible] '60

SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL

Tectonics of the northeastern Siberian Platform [illegible] Atlasov Trudy NIIGA 106:3-169 '60.

SIBERIAN PLATFORM—LANDSLIDES

Subaqueous slumping in connection with [illegible] made in the northwestern Siberian Platform [with summary in English] L D Miroshnikov Vest [illegible] no 12 66-72 '60

SIBERIAN PLATFORM—OSTRACODA, FOSSIL

Some Ordovician ostracods of the Siberian Platform V A. Ivanova Paleont zhur no. 4 130-[illegible] '60

SICILY—ECONOMIC CONDITIONS

Interview with Danilo Dolci V zashch mira no [illegible] Ap '60

SIDOROV, ARKADII VASIL'EVICH

A day of the teacher Sidorov. Nar obr. no [illegible] '60

SIHANOUK, NORODOM, 1922-

People and events: Norodom Sihanouk, Heinrich Haymerle. Nov vrem. 18 no. 27:30 Jl '60.

SILANE

Controlling the production of organosilicon liquids and lacquers Report 1 Analysis of the starting mixtures used in the organomagnesium synthesis of ethyl [illegible] ethoxyphenylsilanes V. T. Shemiatenkova and others Plast massy no 3 27-30 '60

Potentiometric titration of individual alkylchloro[illegible] by organic bases in an acetonitrile medium. A. P Kreshkov, V. A. Drozdov, E. G. Vlasova. Izv. vys. ucheb. zav., Khim. i khim. tekh. 3 no. 1:85-87 '60.

Reactions of silicon hydrides with α- and β-chloronaphthalenes and p-dichlorobenzene Pyrolysis of ethylchlorosilanes in the presence of aryl chlorides A D Petrov, E A Chernyshev, Li Kuang [illegible] AN SSSR 132 no 5 1099-1102 Je '60

SILANE—SPECTRA

Spectroscopic determination of impurities in a silicon copper alloy and in trichlorosilane K. K Popkov [illegible] Lel'chuk, A S. Kudriavtseva Plast massy no [illegible] '60

SILICA

Chemisorption of hydrogen on aluminosilicates and aluminum and silicon oxides K. V Topchieva [illegible] Moskovskaia. Vest Mosk un Ser 2 Khim [illegible] 22-27 Mr-Ap '60

Effect of preparation methods on the porous structure [illegible] silica-alumina gel absorbers. A. V. Kiselev, [illegible] Nikitin. Khim. i tekh. topl. i masel 5 no. [illegible] '60.

Reaction of calcium sulfate with carbon and silica [illegible] Ginstling, A D Volkov. Zhur. prikl khim [illegible] 736-739 Mr '60.

Synthesis of specific silica gels by modifying their surfaces I. E. Neimark and others Dokl AN SSSR [illegible] no 6 1356-1359 Je '60

SILICATES

(see also subdivision under Riga)

In memory of V I. Vernadskii Vest. AN SSSR [illegible] 147-148 Je '60

Silicate products made with carbide sludge. Biul. [illegible] izobr. predl. v stroi. no. 13 59-60 '59.

SILICON

Effect of silicon on the viscosity and the electrical resistance of iron-carbon alloys. B. M. Turovskii, A. [illegible] bimov. Izv vys. ucheb. zav., chern. met. no. [illegible] '60.

Reaction equilibrium of lithium oxide reduction [illegible] thermodynamics of silicon in presence of [illegible] T F Fedorov, F. I Shamrai Trudy Inst met [illegible] 162-165 '60

Refining of silicon by the iodide method A A [illegible] E K Safronov Zhur prikl khim 33 no [illegible] Mr '60.

SILICON CARBIDE

Physicochemical investigation of the section SiC [illegible] of the system Si - B - C. A. A Kalinina, [illegible] Trudy Inst met no. 5.151-155 '60.

SILICON-COPPER ALLOYS—SPECTRA

Spectroscopic determination of impurities in a silicon copper alloy and in trichlorosilane. K. K Popkov [illegible] Lel'chuk, A. S Kudriavtseva. Plast massy no [illegible] '60

SILICON ORGANIC COMPOUNDS

Determination of traces of electrolytes in silicon organic liquids. L M Shtifman, S. L. Lel'chuk, V A. Zarinskii Plast. massy no 2 26-28 '60.

Hydrophobic organosilicon liquids. K. P. Grinevich Plast. massy no 3 21-27 '60.

Organosilicon esters of oximes B N Dolgov and others. Izv AN SSSR Otd. khim. nauk no 5:951 My '60.

Organosilicon polymer liquids as lubricants for molds in casting and compression molding of articles made of thermoplastics F. A. Militskova and others Plast massy no 3 72-73 '60

Phenylene-containing silicon organic compounds V. S Chugunov. Izv. AN SSSR Otd. khim. nauk no 5 912-913 My '60

Potentiometric titration of nitrogen-containing silicon organic compounds in nonaqueous media. A. P. Kreshkov, V. A. Drozdov, E. G. Vlasova Izv. vys ucheb. zav., khim i khim tekh. 3 no. 1:80-84 '60.

Resistance to heat of some protective silicon organic enamels A F Moiseev and others Plast massy no 1 36-39 '60.

Use of infrared spectrum analysis in the quantitative determination of OH-groups in cellulose nitrates and in their products of reaction with silicon organic compounds. E A Kirichenko, P A. Andreev, Izv. vys ucheb. zav., khim. i khim tekh. 3 no. 1:88-91 '60.

Water resistance in portland cement induced by GKZh-21 silicon organic solution [with summary in English] O. O Pashchenko, Chih Chaog-min Dop AN URSR no 2 202-204 '60

SILICONES

Effect of the thickening of mixtures of petroleum and silicone liquids by high-polymer additives D S. Velikovskii, L V Chernova Khim i tekh. topl i masel 5 no 2 30-38 F '60.

Use of silicones in shampoo (from "Soap, Perfumery and Cosmetics," no. 22, 1959). Masl.-zhir. prom. 26 no. 3:46 Mr '60.

SILK MANUFACTURE see subdivision under Stepanakert

SILK MANUFACTURE—TECHNOLOGICAL INNOVATIONS see subdivision under Leninabad, Orenburg

SILKWORMS

Nature of the relationship between the the weight of the chrysalis, silk yields, and the number and weight of eggs in the silkworm Bombyx mori [with summary in English] F. G. Tuchkova. Zool. zhur. 39 no 2:207-213 F '60

Nucleic acids in silk-secreting glands of the silkworm Bombyx mori G P Ramenskaia, I B Zbarskii L S Mil'man Dokl AN SSSR 132 no 5 1206-1209 Je '60

Vystavka dostizhenii narodnogo khoziaistva SSSR. [Good yields of silkworm cocoons] Vysokii urozhai kokonov tutovogo shelkopriada. [n. p., n. d.] 10 p. (DA)

SILKWORMS—DISEASES AND PESTS

Role of sarcophagid flies in the spread of septicemia of the larch spinner. N G. Kolomiets, A. B. Gukasian Izv. Sib otd. AN SSSR no. 2 116-119 '60.

SILLIMANITE see subdivision under Buryat A. S. S. R.; Kyakhta

SILOS

Zaitsev, K. P. [Surface silos] Nazemnoe silosovanie kormov. Izd. 2., ispr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 31 p. (DA)

SILOXANES

Alkoxysilanes Part 16 Cleavage of hexaalkyldisiloxanes by phenols New method of synthesizing trialkylsiloxy derivatives of aromatic hydrocarbons M G Voronkov, Z I Shabarova Zhur ob khim 30 no 6:1955-1958 Je '60

Effect of fillers on the properties of polydimethylsiloxane [with summary in English] A S Novikov, F S Tolstukhina Koll zhur 22 no. 1 42-48 Ja-F '60

Esterification of bis hydroxymethyl)tetramethyldisiloxane by acid chlorides K A Andrianov, A K Dabagova Zhur ob khim 30 no 6 1968-1071 Je '60

Mechanism underlying the changes in the viscosity of solutions of polyethylphenylsiloxane resin during aging. A. F. Moiseev. Plast. massy no. 2:24-26 '60.

New polymers, products of the catalytic polymerization of organosiloxanes. K. A Andrianov, S. I. Dzhenchel'skaia, IU. K. Petrashko. Plast. massy no. 3:20-23 '60.

SILOXANES—SPECTRA

Infrared absorption spectra of polyaluminoorganosiloxanes and polytitanoorganosiloxanes. K. A. Andrianov, N. P. Gashnikova, Z Z. Asnovich. Izv. AN SSSR Otd. khim. nauk no 5:857-862 My '60.

SILT

(see also subdivision under Stavropol Territory)

Distribution throughout the year of the runoff of suspended sediments in rivers of the Amu Darya Basin and their fractional composition. V. P. Svetitskii. Izv. AN Uz. SSR. Ser. tekh nauk no. 1:77-86 '60.

Physical and mechanical properties of sea silts. G. V. Sorokina. [Trudy] NIIOSP no. 12 26-34 '60.

Using sea silt as high-quality raw material in making keramzit P P Stupachenko Stroi mat 6 no 2 16-17 F '60

SILT—BACTERIOLOGY

Seasonal variation of vitamin B_{12} concentration in silt deposits of stagnant bodies of water S V Letunova Dokl AN SSSR 132 no 5 1173-1176 Je '60

SILVER

Interaction between molecular and atomic chlorine, and metallic silver V. S. Gurman, V. A. Lishnevskii, G B Sergeev Izv. vys. ucheb zav., khim. i khim tekh 3 no. 1 29-32 '60.

SILVER—PHYSIOLOGICAL EFFECT

Study of the sterilizing action of silver ions. Z. Lirtsman and others. Apt. delo 9 no. 2 86-90 Mr-Ap '60.

SILVER CHLORIDE

Effect of plastic deformation on internal friction and shear modulus in silver chloride. IU. Kh. Vekilov. Izv. vys. ucheb. zav., chern. met. no. 5:76-80 '60.

SILVER IODIDE

Studying the dispersal of silver iodide smoke in a closed container. T. N. Zhigalovskaia, V N. Balabanova. Izv AN SSSR. Ser. geofiz. no. 6 903-905 Je '60.

SILVER MINES AND MINING see subdivision under Agadir District

SILVER OXALATE

Effect of cadmium and mercury admixtures on the rate of thermal decomposition of silver oxalate. V. V. Boldyrev, V. I. Eroshkin, IU. A. Zakharov Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:33-35 '60.

SILVERSMITHING

(see also subdivision under Nenets National Area, Turkey)

Russian silver filigree. M. M. Postnikova-Loseva. Pam kul't. no. 26 7-17 '59.

SIMFEROPOL'—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

NU-1 automatic feeder. B. V. Bazilevich, A. A. Butovich. Kons. i ov. prom. 15 no. 3 13-16 Mr '60.

SIMFEROPOL'—FLIGHT TRAINING

The problem is the same. Why then is it solved differently? A. Malen'kii Grazhd. av. 17 no. 2:16 I '60.

SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-

Debt of honor and memory ("The living and the dead" by Konstantin Simonov Reviewed by Vera Smirnova). Ogonek 38 no. 19.28 My '60.

SIN, ORIGINAL

Legend of "original sin." G. Gurev. Otv. na vop. trud. no. 109:58-61 '59.

SINCLAIR, ANDREW

The Judas touch ("My friend Judas" by Andrew Sinclair. Reviewed by M. Costello). Vsem. stud. nov. 14 no. 2: 17-18 F '60.

SINGERS see subdivision under Moscow

SINGING—INSTRUCTION AND STUDY

From the editor. Izv. APN no. 110:3-8 '60.

[Singing and music; a manual for teachers' colleges] Spivy ta muzyka; navchal'nyi posibnyk dlia pedagogichnykh uchylyshch. Kyiv, Radians'ka shkola, 1959. 462 p. (NNC)

SINGING SANDS see subdivision under Dnieper Valley

SINTERING

Effect of sintering temperature on the shape of pores in antifriction powder metal materials [with summary in English]. O. IA. Artamonov, I. M. Fedorchenko. Dop. AN URSR no. 1:44-47 '60.

Kiselev, B. K. [Sintering finely pulverized concentrates of Krivoy Rog iron-bearing rock] Aglomeratsiia tonkoizmel'chennykh kontsentratov zhelezistikh porod Krivogo Roga. Leningrad, Izd. Biuro tekhn. inform. In-ta mekhanobr, 1956. 60 p. (Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy, no. 97)

Making high basicity sinters from fine concentrates [with summary in English] N M. IAkubtsiner, E V Nevmerzhitskii, V. G Grigor'evykh. Stal' 20 no 3 193-204 Mr '60

Metallurgical properties of sinters produced from Kursk Magnetic Anomaly, Krivoy Rog and Makeevka ores N L Zhilo, L M TSylev. Trudy Inst met no 5:3-7 '60.

SINUS CAVERNOSUS see Cavernous sinus

SIPHONS

Liquid seals for vacuum removal in siphons of elevated distribution reservoirs. A. V. Podlasov. Gidr. i mel 12 no. 3.56-60 Mr '60.

SITNIKI—PEAT MACHINERY

Some data on the combined operation of UFB-2 and SB-1 machines. B G. Diev, G D Loktionov Torf prom 37 no 1 6 '60.

SIVASH REGION—SOIL MOISTURE

Effect of saturation and ordinary irrigation on the water cycle and evaporation capacity of soils of the Sivash area. V V. Kolpakov. Izv. TSKhA no. 6:107-128 '59.

SKANAVI, GEORGII IVANOVICH, 1910-1959

Georgii Ivanovich Skanavi, obituary Prib i tekh eksp no 1 145 Ja-F '60

SKARNS see subdivision under Kara-Kyz region (Uzbekistan)

SKATERS

The third wave. R. Zhukova. Smena 37 no. 4:12-13 F '60.

We are proud of you, Lida! R. Zhukova. Ogonek 38 no. 10:28 Mr '60.

SKATING

Championship of Europe. I Mel'nikov. Ogonek 38 no. 5: 25 Ja '60

Figure skating at the Olympic games. S. P. Vasil'ev. Teor i prak. fiz. kul'. 23 no. 2,102-103 '60

Sports. Sov. Soiuz. no. 2:51-55 '60.

We come out on the ice. R. Zhukova. Ogonek 38 no. 5: 25 Ja '60.

SKATING—JUDGING (SPORTS)

How to decide who is the winner in figure skating contests. K K. Likharev. Teor. i prak fiz. kul' 23 no 2;86-91 '60

SKELETON

Changes in the skeleton of herd horses during the postembryonic period N A Bunovskii Trudy Inst morf. zhiv. no. 31 170-171 '60

Differences in blood volume and skeletal weight during the embryonic period in mammals and birds and their biological principles P. A. Korzhuev. Trudy Inst. morf. zhiv. no 31 51-59 '60.

SKELETON, FOSSIL

Latest studies on the paleopathology of a skeleton and teeth B. A Nikitiuk Vop. antr. no 2:139-142 '60

SKIN

Erythema and skin temperature in hypertension. D. N Nurmukhamedov Med zhur Uzb no 7:15-21 Jl '58

Method for the investigation of skin sensitivity I. I. Shogam. delo no. 3 315 Mr '60.

Structural elements increasing the elasticity of the skin in whalebone whales [with summary in English]. V. E. Sokolov. Zool zhur. 39 no. 2:307-300 F '60.

SKIN—CANCER

Treatment of precancerous conditions of the skin by the diathermosurgical method [in Azerbaijani with Russian summary]. I. M. Mamedov. Azerb. med. zhur. no. 3:34-40 Mr '60

SKIN—CARE AND HYGIENE

Cleanser and protective paste for protecting the skin from suppurative diseases I B. Belen'kii Zdrav Belor 3 no. 10 49-50 O '57

If you wish to be a beautiful woman D D Rudiaha. Ukraina no 5 30 Mr '60

SKIN—DISEASES

Allergic dermatitis following the use of contraceptive drugs. P. I. Kholodii Vrach delo no 1:85-86 '60

Bucky rays in dermatology. P. S. Ivanov. Med. sestra 19 no. 4,32-33 Ap '60.

Etiology and pathogenesis of dermatomyositis. A. D. Krakhmal. Vrach. delo no. 3:311 Mr '60.

Familial forms of Ritter's exfoliative dermatitis. I. M. Lifshits. Kaz. med. zhur. 41 no. 1:96-97 Ja-F '60.

Infectious and parasitic skin diseases. L. N. Mashkilleison. Med. sestra 19 no. 1:12-19 Ap '60.

Late results of radioactive phosphorus treatment of some dermatoses. B. A Zadorozhnyi, V. S Askochinskaia Vrach delo no 1:87 '60.

Pustular skin diseases in the newly born. S. IA. Golosovker. Med. sestra 19 no. 4:26-31 Ap '60.

Treatment of pruritic dermatosis. O. T. Tesalova. Med. zhur. Uzb. no. 10 37-38 O '58.

Treatment of suppurative skin diseases with staphylococcus antiphagin. N I. Gromov, R. M Mariupol'skii. Zdrav Belor. 3 no. 10:59-60 O '57

SKIN—NERVOUS SYSTEM

On the reactive properties of the peripheral nervous system of the skin [with summary in English]. K. S. Kabak Dop. AN URSR no. 2 218-223 '60.

SKIN—WOUNDS AND INJURIES

Use of sulfacyl in the treatment of minor wounds. I. M. Finkevich, D. A Melamed. Zdrav. Belor. 3 no. 10:60 O '57

SKIN GRAFTING

Restoration of blood circulation in flaps on pedicle. A. A. Limberg. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:210-220 '58.

SKIPIN, ALEKSEI IOSIFOVICH, 1890-

Aleksei Iosifovich Skipin; on the 70th anniversary of his birth. Masl.-zhir. prom. 26 no.4 47 Ap '60.

SKIS AND SKIING

(see also subdivision under Austria, Estonia)

Biochemical basis for the selection of training methods aimed at developing speed in cross-country skiers. N.I.Volkov, I.M.Butin, N.N.Lavrent'eva Teor.i prak.fiz.kul' 22 no.12 919-924 '59.

Correlation of forces between speed skiers before the Eighth Winter Olympic Games V I Shaposhnikova. Teor.i prak fiz kul' 23 no.2 104-107 '60

Evaluating the results of ski jumping contests M.A. Khmichev, V V.Kardiukov. Teor.i prak.fiz.kul'. 23 no.2 139-142 '60.

Modern techniques in downhill ski racing. M.A Nagornaia. Teor.i prak.fiz.kul'. 22 no.12 941-946 '59

Ski training for the industrial physical education groups. M.M Bikbov, G.V Dvoriashina Teor.i prak.fiz.kul'. 23 no.2:91-94 '60.

Skis of yesterday and today. V.Serebriakov. Tekh mol. 28 no.2 26 '60

Summer care of skis IUn.tekh. 4 no.3: 71 Mr '60

Training in slalom racing on courses of different length and its influence on better results. V.M Stankevich, D.E.Rostovtsev, A M Shreders Teor i prak fiz. kul' 22 no 12 912-915 '59.

Using the repeat method in slalom skiing. G.A.Petrosian. Teor.i prak fiz.kul' 23 no 2 117-119 '60.

SKOPIN, IVAN VSEVOLODOVICH, 1923-1959

I.V.Skopin, obituary. Sud.-med.ekspert. 2 no.2,61 Ap-Je '59.

SKRAABIN, KONSTANTIN IVANOVICH, 1878-

On the eightieth birthday of Academician Konstantin Ivanovich Skriabin, founder of the science of helminthology in the U.S.S.R. Med.zhur.Uzb. no.11,93-95 N '58.

SKULL

Apparatus used in the identification of persons according to the skull by means of photocombination. S.A.Burov Sud.-med ekspert. 2 no 2,56-58 Ap-Je '59

Data on the horizontal profile of the facial bone structure in fossil man Ts'ui Chen-yao Vop antr no 1 89-95 '60

SKULL—WOUNDS AND INJURIES

Development of quibbling in the personality of patients with late consequences of closed trauma of the skull. T.P.Pechernikova. Probl.sud.psikh 8 589-602 '59.

SLACKS see Trousers

SLAG

Advantage of using high titanium content ilmenite slags instead of ilmenite for the production of titanium dioxide by the sulfuric acid method. M.L.Borodina, T.A.Velikoslavinskaia, B.L.Davydovskaia. Titan i ego splavy no.2:73-77 '59

Complex use of fused slags nonferrous metals I.I.Pereletov. Prom.energ. 15 no.3 12-17 Mr '60.

Industrial method for stabilizing the texture of blast-furnace slags tending to silicate decomposition. V.A.Tereshchenko, P.A.Krivilev. Stroi.mat. 6 no.4 13-16 Ap '60.

Instrument for measuring the viscosity of slags. L.Georgiev, M.Mandl, I Skala Zav.lab. 26 no 3. 358-360 '60.

Investigating the hardening processes in binding materials made with granular furnace slags A V Volzhenskii, K V Gladkikh, B N Vinogradov Stroi mat 6 no 6 31-33 Je '60

Jet apparatus for making slag pumice. E.D.Rozovskii, A.I.Mishuris, V.A.Kolomiets. Stroi.mat. 6 no.4 17-19 Ap '60.

Making blocks using granulated slags and distillation wastes S Hrechushnykov and others Bud mat i konstr 2 no 1 28-30 F '60

Making lightweight aggregates by molding molten slags in the plastic state V M Kirichenko Stroi mat 6 no 6 24-25 Je '60

Remodeling a slag breaker with a hydraulic drive. IU.S Ovodov. Energetik 8 no.3 10-11 Mr '60

Standards for measuring the viscosity of metallurgical slags. O.M.Katkov. Zav.lab. 26 no 3 360-361 '60.

Theory of obtaining lean waste slags in the process of copper and nickel ore smelting V S Nagibin Trudy Inst.met no.5.70-72 '60.

SLAG—ANALYSIS

Determination of metallic manganese in slags V S. Nagibin, A.V Arkhipova Trudy Inst met no 5 196-197 '60.

Determining bivalent and trivalent titanium in slags containing metallic iron and ferrous oxide. L.I Veselago. Titan i ego splavy no.2:152-157 '59.

Phase constitution of niobium slags. A.V.Rudneva. Titan i ego splavy no.2:41-49 '59.

Solid solutions in high titanium slags. A.V.Rudneva, M.S.Model', T.IA.Malysheva Titan i ego splavy no.2:50-63 '59.

SLAG CEMENT

Colored slag cements M Strilkov and others Bud mat i konstr 2 no 1 31-32 F '60

SLATE ROOFING see Roofing, Slate

SLAUGHTERING AND SLAUGHTERHOUSES

The PM-15 mobile slaughterhouses N G Gurari Biul tekh -ekon inform no 2 51-52 '60

SLAVERY see subdivision under Egypt

SLAVIC LANGUAGES

Formation of eastern slavic national literary languages A T.Kungurova and others Vop iaz 9 no 2 57-64 Mr-Ap '60

SLAVIC LANGUAGES—MAPS

Problems of a general Slavic linguistic atlas and an atlas of the Slovak language J Stok Vop iaz 9 no 1 3-11 Ja-F '60

SLAVIC STUDIES

(see also subdivision under Germany, West, Ukraine)

Results and tasks of Slavic research in the U S S R , 1945-1949 V D Koroliuk, I A Khrenov Vop ist no 6 117-135 Je '60

SLAVIC STUDIES—CONGRESSES

The Second Slavic Conference in Lvov. IU L Bulakhovs'ka. Rad lit. no.2 152 153 Mr-Ap '60

SLAVS see subdivision under Dnieper Valley, Oka Valley

SLAVYANSK—OIL INDUSTRIES

Operation of the Slavyansk Oil-Fat Combine. P.A.Shilin, I.F.Cheberiako. Masl.-zhir.prom. 26 no 3:34-35 Mr '60.

SLEEP

Effect of drug-induced sleep on the reactivity of the connective tissue D S Kurbanaliev Uch zap AGU Biol ser no 2 67-70 '59

Restoration of sleep in hypertension M D Bykhovets. Vrach delo no.3 259-261 Mr '60.

SLEEP—JURISPRUDENCE

Legal psychiatric significance of sleep D.A.Popov. Probl.sud.psikh 8 5-15 '59.

SLEEP—THERAPEUTIC USE

Excitability of the cerebral cortex in hypertension treated with sleep S.N Sharavskii Mat po obm nauch inform no 2:167-172 '58

Significance of changes in liver function following sleep therapy for peptic ulcer E.I Zaitseva. Kaz.med zhur. 41 no.1,117-118 Ja-F '60.

Some remarks in relation to the treatment of hypertension patients with medication sleep in the light of late results R.M.Ptukha Mat po obm.nauch inform no 2:113-116 '58

Treatment of reactive conditions by prolonged medication sleep. N.N.Lebedeva Probl.sud.psikh. 8:339-344 '59

SLEPIAN, LEOPOL'D BORISOVICH, 1889-1959

Leopol'd Borisovich Slepian, obituary IU V.Roginskii Izv vys ucheb zav , radiotekh 2 no 6 758 N-D '59

SLIDE RULE

Slide rule for thermocouples. V.I.Ashikhmin, E.V. Koval'skii. Izm.tekh no.2:20-21 F '60.

SLOVAK LANGUAGE—DIALECTS

Problems of a general Slavic linguistic atlas and an atlas of the Slovak language J Stok Vop iaz 9 no.1 3-11 Ja-F '60

SLOVAKIA—ARCHITECTURE, DOMESTIC

Slovak national architecture. Jan Mjartan. Nar.tvorch. ta etn. 3 no.4,75-78 O-D '59.

SLOVAKIA—FOLK SONGS, UKRAINIAN

"Ukrainian folk songs of Presov Province." Reviewed by I.IAshchenko. Nar.tvorch.ta etn. 3 no.4:153-154 O-D '59

SLUICE GATES

Computing the discharge of water through sluice gates. V B.Dul'nev. Izv.VNIIG 61:159-166 '58

Ice pressure on the flat sluice gates of the Dnieper Dam. M M.Korolev Izv VNIIG 60 172-177 '58.

Model studies of the pulsation of a hydrodynamic gross load on flat gates. A.S.Abelev Izv.VNIIG 61:3-16 '58

Theoretical and experimental investigations of the performance of vertical lift-gates. G.I.Melkonian, V.IA. Skovronskii. Izv.vys.ucheb.zav., stroi.i arkhit. no.11/12:138-148 '59.

SMELTING see subdivision under Dnepropetrovsk

SMELTING—COSTS

Efficiency of producing low-grade ferrosilicon in blast and electric furnaces V N Zimin, V.A Shtanskii Stal' 20 no 3 269-273 Mr '60

SMELTING—LABOR PRODUCTIVITY

Organization of labor and production at a leading steel-smelting plant V.S'olev, E.Kofman Sots.trud 5 no.2:110-113 F '60.

SMELTING FURNACES

Metal absorption by the hearth of a steel smelting furnace [with summary in English] V M Zamoruev Stal' 20 no 3 229-225 Mr '60

SMETANA, BEDRICH, 1824-1884

Gulinskaia, Z.K. [Bedřich Smetana] Bedrzhikh Smetana. [Moskva] Molodaia gvardiia [1959] 289 p. (Zhizn' zamechatel'nykh liudei, no.19)
(NNC)

SMIDOVICH, VIKENTII VIKENT'EVICH, 1867-1945

V.Veresaev. IU.Golovatenko. Chto chitat' 3 no.2:22 F '60.

SMIRNOV, MIKHAIL ANDREEVICH, d.1960

M A Smirnov, obituary Stek i ker 17 no 6 48 Je '60

SMOKING

Quit smoking! V.Poryvaev. Grazhd.av. 17 no.3:35 Mr '60.

SMOLENSK PROVINCE—AGRICULTURE

Common tale. I.Denisenkov. Sov.Soiuz no.2:10-11 '60

SMOLENSK PROVINCE—AGRICULTURE—COSTS

Reducing costs could be accomplished by each economic unit. I.S.Inshev. Uchet i fin.v kolkhoz.i sovkhoz. 17 no.6.40-41 Je '60.

SMOLENSK PROVINCE—AGRICULTURE—PRODUCTION STANDARDS

Improving the establishment of work norms and wage schedule on collective farms. G.D'iachkov. Nauch.dokl vys.shkoly, ekon.nauki no.1:153-160 '60.

SMOLENSK PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Improving the establishment of work norms and wage schedule on collective farms. G.D'iachkov. Nauch.dokl. vys.shkoly; ekon.nauki no.1.153-160 '60.

SMOLENSK PROVINCE—FERTILIZERS AND MANURES

Seminar in Smolensk for representatives of the Republics. Torf.prom. 37 no.1 37 '60.

SMOLENSK PROVINCE—PEAT INDUSTRY

Seminar in Smolensk for representatives of the Republics. Torf.prom 37 no 1:37 '60.

SNAILS

Facts for all occasions: Ant venom; Snails as a Geiger counters. IUn.tekh. 4 no.2:29 F '60.

SNAKES

How long can a grass snake go without breathing? B.M. Rzhevskii. Priroda no.6,81-82 Je '60.

SNOW

(see also subdivision under Antarctic regions; Kazakhstan; Oyskiy Range; Trans-Ili Ala-Tau, Transcaucasia)

Instruction for determining snow loads on roofs. V A. Otstavnov. Stroi.mekh.i rasch.soor. 2 no.1:50-51 '60.

Investigation of meteorological visibility during snowfalls. E.A.Poliakova, V.D.Trot'iakov. Trudy GGO no.100 53-57 '60.

Microstructure and transparency of snowfalls. I.L. Zel'manovich. Trudy GGO no.100:58-64 '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for determining snow loads acting on roofs of buildings SN 69-59] Ukazaniia po opredeleniiu snegovykh nagruzok na pokrytiia zdanii; SN 69-59. Utverzhdeny Gos.komitetom Soveta Ministrov SSSR po delam stroitel'stva 23 sentiabria 1959 g. Izdanie ofitsial'noe. Moskva, Gos.izd-vo lit.po stroit., arkhit.i stroit.materialam, 1959. 9 p.

The snow and its mysteries. V zashch.mira no.3:89-96 Mr '60.

Theoretical and empirical snow distribution curves. A.I. Afanas'ev. Trudy TSIP no.96:24-34 '60.

Using aerophotographic data on snow runoffs when calculating snow melts. A.I.Afanas'ev. Trudy TSIP no 96:3-23 '60

SNOW—DENSITY

Snow load norms for structures and buildings. V.D.Uryvaev. Meteor.i gidrol. no.6:25-27 Je '60.

SNOW-LINE see subdivision under Trans-Ili Ala-Tau

SNOW PLOWS

New snow-removing machine. M.I.Kurchitser. Avt.dor. 23 no 3:19-20 Mr '60.

SNOW REMOVAL

(see also subdivision under Noril'sk)

Portable snow-melting unit for removing snow from the roofs of industrial buildings Rats.i izobr predl v stroi no 14 90-93 '60.

SOAP see subdivision under Vinnitsa

SOAP—ELECTRIC PROPERTIES

Dielectric and rheological investigation of plastic pseudogels of soaps [with summary in English] IU. F Deineka Dop AN URSR no. 1:60-63 '60.

SOAP INDUSTRY see subdivision under Leningrad

SOAP INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Gomel', Leningrad)

Automatization of the cutting and stamping of soap. Masl zhir. prom. 26 no. 6 37-40 Je '60.

SOAPROOT see subdivision under Kazakhstan

SOARING (AERONAUTICS) see Gliding and soaring

SOBOLEV, LEONID SERGEEVICH, 1898-

Korotkova, A. N. [Leonid Sobolev; an account of his life and works] Leonid Sobolev; ocherk zhizni i tvorchestva. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1959. 61 p.
(MH)

SOCCER
(see also subdivision under Ukraine)

Attention, soccer!... M. Merzhanov. Ogonek 38 no. 15: 20-21 Ap '60.

First leaders M. Merzhanov Ogonek 38 no 17 30 Ap '60

First round. M. Merzhanov. Ogonek 38 no. 16:32 Ap '60.

Have "bombardiers" returned" M Karpovich. Sov. voin 42 no. 11:31-32 Je '60.

Lev IAshin is at the goal post. M. Roizman Ogonek 38 no. 18 28-29 My '60

On new paths A. Leont'ev, V. Voevodenko. Sov. voin 42 no 12 31 Je '60

Record holders in soccer. Mol. mira no. 7 12-13 '59.

SOCHI—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Experience of the V. I. Lenin Sochi Canning Combine in increasing the variety of products and combining various lines of production. M. E. Gilter. Kons. i ov prom. 15 no. 4:41-42 Ap '60.

SOCIAL GROUP WORK see subdivision under Ilek District, Irshava District, Mar'inka District, Stalino Province, Ternopol Province, Ukraine, Zaporozh'ye Province

SOCIAL GROUP WORK—PERIODICALS

Readers' conference of "Sotsialistychna kul'tura." Sots. kul't. 13 no. 3:20 Mr '60.

SOCIAL INSURANCE see Insurance, Social

SOCIAL PROGRESS see Progress

SOCIAL PSYCHOLOGY

Capitalism and irrationality. Paul. A. Baran. Vop. filos. 14 no. 6:56-67 '60

SOCIAL SCIENCE RESEARCH see subdivision under Ukraine

SOCIAL SCIENCES see subdivision under Ukraine, United States

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING see subdivision under Rostov-on-Don, Uzbekistan

SOCIALISM
(see also subdivision under Japan)

Blagoev, D [What is socialism and does it have a foundation in our country? Marxism or Bernsteinism? Opportunism or socialism? Toward Marxism, Dictatorship or democracy? Translated from the Bulgarian] Chto takoe sotsializm i imeet li on pochvu u nas, Marksizm ili bernshteinianstvo, Opportunizm ili sotsializm, K marksizmu, Diktatura ili demokratiia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 222 p. (Bibliotechka po nauchnomu sotsializmu, no. 23)

Lenin, V. I. [Concerning the slogan of the United States of Europe. Concerning "imperialistic economism" and the caricaturing of Marxism. Concerning a pamphlet by Junius] O lozunge Soedinennykh Shtatov Evropy. O karikature na marksizm i ob "imperialisticheskom ekonomizme." O broshiure IUniusa. Moskva, Gos. izd-vo polit. lit-ry, 1960. 82 p. (Bibliotechka po nauchnomu sotsializmu)

Soder, Gunter. [Study in right-wing socialist ideology. Translated from the German] Ocherk pravosotsialisticheskoi ideologii Moskva, Izd-vo inostr. lit-ry, 1959. 194 p.
(CU)

SOCIALISM AND RELIGION

Under the guise of socialism L. T. Pinchuk Nauka i zhizn' 27 no. 3 47-51 Mr '60

SOCIALISM AND WOMEN see Women and socialism

SOCIALIST COMPETITION
(see also subdivision under Buryat-Mongolia, Izhevsk, Kirovograd Province; Leningrad, Moscow, Stalingrad)

Braslavs'kyi, B. E. [Cultural and educational work in brigades of communist labor] Kul'turno-osvitnia robota v brybadakh komunistychnoi pratsi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 21 p.

Brigades of communist labor share their experience Sots. trud 4 no 12 125-133 D '59.

Creative work develops the new man. A. Matveev. Agitator no 8 53-56 Ap '60

Fulfill the seven-year plan for labor productivity in five years. Sots. trud 5 no. 2 116-121 F '60

Leaders in communist competition F Pikulin Mashinostroitel' no 4 40-41 Ap '60

Leaders of socialist competition Vest sviazi 20 no 3 31-32 Mr '60

Leading workers in socialist competition. Zhil.-kom. khoz. 10 no. 3:2-3 '60.

The most important thing G. Grigor'ev Sov profsoiuzy 16 no 10 9 My '60

The movement for the victory of communist labor is a new and higher stage of national competition I Changli Sots trud 5 no 1 9-18 Ja '60

Movement of innovators should have national scope. Sov. profsoiuzy 16 no 11 6-9 Je '60

Mutual help between collectives. N. Markov, M Beliaev Sots trud 5 no 2 98-102 F '60.

Red kerchiefs. A. Luganskii. Ogonek 38 no. 16:32 Ap '60

Seven-year plan in five years. A. Bykov Sov profsoiuzy 16 no. 12.12-16 Je '60.

Steps into the future. A. Velichko. Sov. profsoiuzy 16 no 8:32-33 Ap '60.

Study profoundly and encourage the growth of new and communist phenomena in every way A I Ganusets, A D Solov'ev. Sov gos. i pravo no 6 122-124 Je '60.

Technological progress and economic indices of enterprises I Kerentsev. Plan. khoz 37 no. 6 88-90 Je '60

To live and to work according to Lenin's principles Prom. koop 14 no 4.1 Ap '60

To participants in the All-Union Conference of Leading Personnel in Brigade Competition and Shock Workers of Communist Labor. Sov. profsoiuzy 16 no. 11 2-3 Je '60.

To the Central Committee of the CPSU. Sov. profsoiuzy 16 no. 11 3-4 Je '60.

To the victory of the communist labor! Sov. profsoiuzy 16 no. 11 10-11 Je '60.

Tomfel'd, L. P. [The work practice of communist labor brigades at an electric railroad terminal] Opyt raboty brigad kommunisticheskogo truda v elektrodepo. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 26 p.

Toward abundance E Sapunova Sov profsoiuzy 16 no. 10 13 My '60

Under the banner of communist labor Agitator no 12 3-8 Je '60

SOCIALIST PARTIES
(see also subdivision under Germany, West)

Distribution of publications of the "Liberation of Labor" Group in the 1880's and early 1890's in Russia. P. A. Fenster. Trudy TMI no. 13.100-123 '59.

SOCIALIST PARTY see subdivision under France

SOCIALIST POLICY

Söder, Günter. [Study in socialist legal ideology. Translated from the German] Ocherk pravosotsialisticheskoi ideologii Moskva, Izd-vo inostr. lit-ry, 1959. 194 p.
(CU)

SOCIETY, PRIMITIVE

Ziber, N. I. [Selected economic works in two volumes] Izbrannye ekonomicheskie proizvedeniia v dvukh tomakh. Moskva, Izd-vo sotsial'no-ekon. lit-ry.
Vol. 2. [Studies on primitive economic cultures] Ocherki pervobytnoi ekonomicheskoi kul'tury; stat'i. 1959. 693 p.

SOCIOLOGY

Contemporary capitalism and the spiritual life of the individual [with summary in English, p. 184] IU. A. Zamoshkin. Vop. filos 14 no. 6:43-57 '60

IAkhot, O. O. [Natural and social laws] Zakony prirody i obshchestva. [Moskva] Mosk. rabochii, 1960. 66 p. (Obshchedostupnaia biblioteka po filosofii)

"Race and culture contacts in the modern world" [in English] by E. F Frazier. Reviewed by V. I. Kozlov. Vest. ist. mir. kul't. no. 1:104-109 Ja-F '60

SOCIOLOGY—CONGRESSES

Fourth International Sociological Congress. V. S. Semenov. Vest. ist. mir. kul't. no. 1 146-149 Ja-F '60.

SODIUM—SPECTRA

Simple demonstration of the reversal of the sodium spectral line. V A. Perkal'skii Izv. vys ucheb. zav., fiz. no 6 172-173 '59.

SODIUM CARBONATE

"Alcohol error" in the determination of sodium carbonate in cleaning compounds. M P Bespiatov, M. V. Voevodina, O V Rits. Masl.-zhir. prom. 26 no. 6 25-26 Je '60

Reduction and carbonization of a mixture of alkali metals for producing sodium and potassium carbonates and alkali hydroxides [in Azerbaijani with summary in Russian]. I I Baghanly, F. IU. Mirbabaeva Azerb. khim. zhur. no. 2 111-121 '59

SODIUM CHLORIDE see Salt

SODIUM NITRATE

Electric conductivity of a ternary system composed of sodium, potassium, and barium nitrates P. I. Protsenko, O. N Shokina Zhur. neorg khim 5 no. 2 437-448 F '60.

Reaction of carbon tetrachloride with sodium nitrite. A. A. Ponomarenko, R. E. Shindel'. Zhur. neorg. khim. 5 no. 2 306-312 F '60

SODIUM NITROPRUSSIDE

Detection of novarsenol by means of sodium nitroprusside. V. G. Belikov Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1:78-79 '60.

Influence of low temperature and of the concentration of the reagent in the determination of sulfhydryl groups by sodium nitroprusside I N Mironchik Zdrav. Belor 6 no 2 44-46 F '60

SODIUM SELENOSELENATE

Comments on O M. Baram's and M. P. Soldatov's article "Study of the intermediates in the series $Na_2S_2O_3$ - $Na_2S_2O_4$." I V. IAnitskii. Zhur. neorg. khim. 5 no. 2 509 F '60.

Reply to I. V. IAnitskii's letter "Comments on O. M. Baram's and M P Soldatov's article O. M. Baram, M. P Soldatov. Zhur neorg khim. 5 no. 2 510 F '60

SODIUM SULFATE

Complexometric determination of sodium sulfate in precipitation baths in the manufacture of synthetic fibers. L A. Vol'f, A. I. Meos, S. A. Inkina. Khim. volok. no. 1 32-33 '60.

SODIUM THIOSULFATE

Comments on O. M. Baram's and M. P. Soldatov's article "Study of the intermediates in the series $Na_2S_2O_3$ - $Na_2S_2O_3$.' I. V. IAnitskii. Zhur neorg. khim. 5 no 2 509 F '60.

Reply to I. V. IAnitskii's letter "Comments on O. M. Baram's and M. P. Soldatov's article." O M. Baram, M. P. Soldatov. Zhur. neorg khim. 5 no. 2:510 F '60

SODIUM ZINCATE

Preparation of viscose containing sodium zincate admixtures. B. M. Lotarev, Z. V. Bork. Khim. volok. no. 1 27-29 '60.

SOFIA—LIBRARIES

Eighty years of the Bulgarian National Library, 1878-1958. Bibliotekoved. i bibl. za rub. no. 4:96-108 '59.

SOFRONOV, ANATOLII VLADIMIROVICH

The laws of beauty ("The cook", a play by A. Sofronov Reviewed by IUi Zubkov) Agitator no 6 61-62 Mr '60

SOIL, MINERALS IN see Minerals in soil

SOIL, PODZOLIC see Podzol

SOIL AERATION

Effect of aerating mole drainage on the increase of soil fertility F T. Shkliar Trudy Belar nav -dasl inst mel i vod hasp 8 167-176 '58

SOIL BINDING
(see also subdivision under Don Valley)

Binding the side slopes of drainage canals by sodding them with grass mixtures. G A Gatal'skii Trudy Belar nav -dasl. inst mel i vod hasp 8 297-300 '58

Stop, gully! V. Grandova. IUn. nat. no. 4:14-15 Ap '60.

SOIL CHEMISTRY

Absorptive power of various soils in the light of today's chemical and physical science P. A. Vlasiuk, I. D. Seiliets'kyi. Visnyk sil'. hosp. nauky 3 no. 3 12-25 Mr '60.

Characteristics of some agrochemical features of virgin soils in the Podzolic zone. D. D. Zaitsev. Trudy SevNIIGiM no. 14:21-43 '58.

Exchange ions in soil and their availability to plants [with summary in English]. A. V. Peterburgskii. Izv. TSKhA no. 6:70-76 '59.

SOIL FAUNA

Characteristics of terricolous dipteran larvae of the families Rhagionidae, Dolichopodidae, and Empididae (Diptera). N. P. Krivosheina. Ent. oboz. 39 no. 1 144-155 '60.

Method of studying injurious soil insects [with summary in English] A S Kosmachevskii. Zool zhur. 39 no 3: 459-461 '60

Soil invertebrates as a factor of soil fertility [with summary in English]. M. S. Giliarov. Zhur. ob. biol. 21 no 2:81-88 Mr-Ap '60.

Effect of stubble crops on soil fertility and yields of following crops. A. H. Mykhailovs'kyi, Liu Sung-hao Visnyk sil'hosp nauky 3 no 3 65-68 Mr '60

Soil invertebrates as a factor of soil fertility [with summary in English] M. S. Giliarov Zhur ob biol 21 no 2 61-68 Mr-Ap '60

SOIL FORMATION

Factors in soil formation. D. I Popazov. Izv. TSKhA no. 6 75-91 '59.

SOIL MECHANICS

Creep of loess soils S. F. Mogilevskaia Izv VNIIG 61 117-126 '59.

Design of a self-recording device for measuring the settling of stamps in testing soils using experimental static loads N. M. Zobachev [Trudy] NIIOSP no. 42 123-125 '60

Determining the building characteristics of plastic clayey soils according to their physical properties V. I. Veselovskii [Trudy] NIIOSP no. 42 5-17 '60

Determining the building properties of sandy soils by dynamic probing. S. A. Shashkov. [Trudy] NIIOSP no. 42 78-101 '60.

Determining the resistance of soils to displacement in bore holes. K. I. Tyl'chevskii. [Trudy] NIIOSP no. 42: 105-122 '60

Effect of colloids on the volume shrinkage, swelling, and the compressive strength of clayey soils. A. A. Vasil'ev. [Trudy] NIIOSP no. 42 18-25 '60.

Effect of the heave due to freezing conditions on the stability of buildings and structures M F Kiselev [Trudy] NIIOSP no 38 9-24 '59

Electrometric method of studying dynamic effects on sand saturated with water. B F Rel'tov, L V Gorelik Izv VNIIG 60 178-180 '58

Motion of a piston in the soil. I. P Orlenko Nauch. dokl. vys shkol; fiz.-mat. nauki no 3,105-110 '59.

Physical, chemical, and mineralogical properties of loess soils of the southeastern part of the Ukraine. I. N. Kruglov. [Trudy] NIIOSP no. 42 44-60 '60.

Problems in the design of hydraulic structures on loess soils A L. Rubinshtein and others. Nauch. zap. MIIVKH 20 262-281 '58.

Shear resistance of peat soils A F Pechkurov Trudy Belar nav -dasl inst mel i vod hasp 8 55-85 '58

"Soil mechanics in engineering practice" by K. Tertsagi, R. Pek Reviewed by S R Meschian Izv. AN Arm SSR Ser tekh nauk 12 no. 6 70 '59.

Some problems concerning the strained state of loose soils. B P Kurbanov. Trudy SANIIRI no. 95,17-41 '58

Tabular values of deformation coefficients of sandy soils. S. I. Sinel'shchikov. [Trudy] NIIOSP no. 42 35-42 '60

Taking into account the active and passive pressure of cohesionless soils in designing thin webs. IU. M. Goncharov. Izv. vys. ucheb. zav., stroi i arkhit. no. 11/12: 100-109 '59

SOIL MECHANICS—RESEARCH

From the history of engineering study of soils in the Soviet Union with regard to the solution of problems in hydraulic engineering K P Mel'nikova Vest. Mosk un Ser. biol., pochv., geol., geog. 14 no 4 195-199 '59

SOIL MICRO-ORGANISMS

(see also subdivision under Amur Province)

Seasonal aspects of the development of micro-organisms in the soil Z E Tikhonova Uch zap GGPI 20 120-123 '58

SOIL MOISTURE

(see also subdivision under Kuban Valley, Sivash region, Teberda Valley, Ukraine)

Accumulate and conserve soil moisture A. Lisenkov. Tekh v sel'khoz. 20 no. 2 22-24 F '60

Agroclimatic characteristics of the freezing and thawing of soils in the Ukrainian S. S R. V. M Lichikaki, N I. Shelud'ko, G. L Timoshenko Trudy UkrNIGMI no. 16 23-40 '59.

Behavior of moisture during the freezing of soils in the wintertime [with summary in English] G P Mazurov Vest LGU 15 no 12 73-81 '60

Effect of moisture on traction power when plowing at high speeds [with summaries in English, German and French] P. V Vershinin, A N Kosarchuk Vest sel'khoz nauki 5 no 2 61-64 F '60.

Effect of the water regime of peat soils on potato yields and tuber quality B F Matrosov Trudy Belar nav -dasl inst mel i vod hasp 8 264-270 '58

Investigating the moisture-holding capacity of peat soils in fields of White Russia under conditions of sprinkler irrigation M V Makovskii Trudy Belar nav -dasl. inst mel i vod hasp 8 142-154 '58

Results of observations on soil moisture made with the IVP-53 soil moisture meter S I Fedorov. Trudy GGI no. 76 168-178 '60

Simplified soil moisture measuring device with an air vacuum gauge A M. Chernoukhov, L. S. Roktanen. Gidr. i mel. 12 no 2:50-53 F '60

(see also subdivision under Meshchera)

Changes in the permeability of peat soils to water resulting from drainage L V Gutov Trudy Belar nav - dasl inst mel i vod hasp 8 313-327 '58

Method of determining permeability to water in artificially reinforced clayey soils F G Borisova Vest Mosk un Ser biol., pochv geol., geog. 14 no 4 189-194 '59

Method of investigating plane seepage in case of a curved surface of the confining layer V I Aravin. Izv VNIIG 61 78-85 '58

State of the problem of the use of radioactive indicators in studying percolating flows O N Nosova. Izv VNIIG 61 133-143 '58

SOIL PHYSICS

Absorptive power of various soils in the light of today's chemical and physical science P A Vlasiuk, I. D. Sedletskyi. Visnyk sil' hosp nauky 3 no 3 12-25 Mr '60

Effect of various basic tillage methods on the physical properties of soil and on yield. B. A. Dospekhov, V. M. Bolobolova. Izv. TSKhA no. 6:57-69 '59

Nature of adhesiveness in soils. E. M. Sergeev, E. M Shalimova Vest. Mosk un. Ser. biol., pochv., geol., geog. 14 no 3 157-160 '59

Nomographic chart for determining physical properties of soils. Rats. i izobr. predl. v stroi. no. 13 32-35 '59.

SOIL RESEARCH

Lenin Days at the Department of Biology and Soil Science M L Budnichenko, O. T Pomalen'kaia Vest Mosk un Ser 6 Biol., pochv 15 no 2 79-80 '60

SOIL SCIENCE

Pliusnin, I. I. [Soil science in land reclamation] Meliorativnoe pochvovedenie. Moskva, Gos. izd-vo sel'khoz lit-ry, 1960. 420 p.
[MICROFILM]

SOIL STABILIZATION

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for controlling the compaction of soils in constructing industrial and public buildings] Ukazaniia po kontroliu za uplotneniem gruntov v promyshlennom i grazhdanskom stroitel'stve. Moskva, 1959. 20 p.

Effect of compaction on water stability of soils. V. I. Evdokimova, M. V. Levenets. Trudy SevNIIGIM no. 14: 107-125 '58.

Effectiveness and permanency of electrochemical soil stabilization G N. Zhinkin. Trudy LIIZHT no. 165:56-63 '59.

New press for making packed-soil samples. V. I. Shtapkin Avt dor 23 no 6 3 of cover Je '60.

Strengthening of the structural bonds in clay soils following electrochemical consolidation [with summary in English] G N Zhinkin Koll zhur 22 no 1 31-36 Ja-F '60

Using pulverized coal as a surface activating additive. K P Mashin. Avt dor. 23 no. 6:15-16 Je '60.

SOIL STRUCTURE

Radioactive elements and their role in increasing cotton yields V. P. Kuznetsov. Trudy SANIIRI no. 97,43-57 '59

SOILS

(see also subdivision under Altai Territory; Kur Island, Meshchera, Nal' Island, Volga Delta region, White Russia)

Role of human activity in the development of the soils of the northern forest-steppe A S Fat'ianov Uch zap. GGPI 20 34-58 '58

Zonality of soils in piedmont areas. IU. A. Liverovskii, E. A. Kornblium. Izv. AN SSSR. Ser. geog. no. 3,34-41 My-Je '60.

SOILS—ANALYSIS

Astapov, S. V. [Soil improvement; a practical manual] Meliorativnoe pochvovedenie (praktikum). Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 366 p (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

SOILS—BACTERIOLOGY

Selective feeding of Protozoa on soil bacteria V F Nikoliuk, A. A. Zhvachkina Izv AN Uz SSR. Ser. biol nauk no 1 63-66 '57

Soil as a preserver and transmitter of infection. T. K. Masol'nikova, V. A. Tomilina. Med. sestra 19 no. 4:38-40 Ap '60.

Studying the relation between the magnitude of the oxidation-reduction potential and the biological activity of peat soils I S Lupinovich, I N Solovei, K. N IAnushkevich Trudy Belar nav.-dasl inst mel i vod. hasp 8 187-204 '58.

SOILS—CLASSIFICATION

Conference on the classification of soils. T V. Vest. sel'khoz. nauki 5 no 2 151-152 F '60.

Autoradiography of soil profiles in studying phosphate translocation in soils R Kh. Aidinian Dokl AN SSSR 132 no 6 1413-1415 Je '60

SOILS—THERMAL PROPERTIES

Some factors determining the specific heat and its variation in the anhydrous mineral portion of soils and rocks. E A Dmitriev. Vest Mosk. un Ser biol., pochv., geol geog. 14 no 3 79-81 '59

SOILS AND CLIMATE see subdivision under Ukraine

SOKH VALLEY—CAVES

Cave of Sel'-Un-Khur. A Poshko Vop. antr no. 2: 137-138 '60

SOKOLOV, ALEKSANDR PETROVICH, 1816-1858

A P. Sokolov, an outstanding marine historian, hydrographer and bibliographer A F Plakhotnik Trudy Inst. ist est i tekh 27 307-314 '59

SOLAR BATTERIES see subdivision under United States

SOLAR ECLIPSES see Eclipses, Solar

SOLAR ENERGY

Solar energy. B. Petukhov. NTO 2 no. 3:19-21 Mr '60

SOLAR PLEXUS

Changes in receptors of the ganglia of the solar plexus in man in tuberculosis. D. A. Amindzhanova. Med zhur Uzb. no 6 58-60 Je '58.

SOLAR RADIATION

(see also subdivision under Arctic regions; Kara-Kul' region, Sary-Tash region, Osh Province)

Bemporad's equivalent of mass. L. G. Makhotkin. Trudy GGO no. 100 15-16 '60.

Brightness of a cloudless sky in a two-parameter atmosphere model. V. K. Kagan, A. IA. Perel'man, E. P. Riabova. Trudy GGO no. 100 20-24 '60.

Existence of a general corpuscular field from the sun [with summary in English]. E. R. Mustel'. Astron. zhur. 37 no 3,396-402 My-Je '60.

Light and radiation regimes in the alfalfa field. G. A. Akhmedov Trudy Sred.-Az. nauch.-issl. gidrometeor. inst. no 2:185-190 '59.

Measuring the radiation balance of the sea on a ship. K. IA. Kondrat'ev, M. P. Manolova. Izv. AN SSSR. Ser. geofiz. no. 6:875-878 Je '60.

Method for climatological calculation of total radiation. T. G. Berliand. Meteor. i gidrol. no. 6:9-12 Je '60.

Reducing the results of actinometric observations to a single series. N. I. Goisa. Trudy UkrNIGMI no. 16: 101-113 '59

Some errors of actinometric observations made on ships at sea. D. L. Grishchenko. Trudy GGO no. 100:164-172 '60.

Types of irregular magnetic disturbances and mechanisms of influence of solar corpuscular streams on the outer atmosphere [with summary in English]. M. S. Bobrov. Astron. zhur. 37 no. 3:410-424 My-Je '60.

Use of interference light filters of the Fabry-Perot interferometer type for simplified spectral measurements of direct solar radiation in the ultraviolet region of the spectrum. N. I. Nikitinskaia. Trudy GGO no. 100:124-127 '60.

Velocity of corpuscules in streams causing M-disturbances [with summary in English]. E. R. Mustel'. Astron. zhur. 37 no. 3,403-409 My-Je '60.

SOLAR RADIATION—PHYSIOLOGICAL EFFECT

Dynamics of the changes in the quantity of leucocytes in connection with solar radiation. N. A. Shul'ts. Lab. delo 6 no. 2:36-38 Mr-Ap '60.

SOLAR SPECTRUM see Spectrum, Solar

SOLASODINE

Steroids Part 7. Mechanism of the conversion of solasodine into 3β-hydroxy-$\Delta^{5,16}$-pregnadien-20-one N N Suvorov, L. M Morozovskaia. Zhur ob. khim 30 no 6 2062-2067 Je '60

SOLDER AND SOLDERING

Experience in welding and soldering aluminum parts at the "Serp i Molot" Plant in Kharkov. P. I. Zemskov, I. D. Pogorelov. Izv. vys. ucheb. zav., mashinostr. no. 7:89-95 '59.

The SGP-1-57 machine for automatic gas soldering with solid solders. Stan. i instr. 31 no. 4 44 Ap '60

SOLDIERS—RECREATION

In the soldiers' club. I. IAkovlev. Kul't.-pros. rab. 21 no. 2:30-31 F '60.

The Soviet Army is an army of advanced culture. M. Il'in. Klub 9 no. 2:16-18 F '60.

SOLDIERS IN LITERATURE

Important subject. A. Saparov. Zvezda no. 2:213-214 F '60.

SOLDIERS IN POETRY

For the sake of life on earth. Vsevolod Azarov. Zvezda no. 2:209-212 F '60.

SOLIDS

Some questions on the structure and reactive capacity of solid bodies. M. M. Pavliuchenko. Dokl. AN BSSR 4 no. 3 113-115 Mr '60.

SOLIGORSK—DORMITORIES

From the first stone. S Kumaev. Smena 37 no 12 18-19 Je '60

SOL'-ILETSK (ORENBURG PROVINCE)—RESTAURNATS, LUNCHROOMS, ETC.

Restaurant for collective farm workers. A. Timofeeva. Obshchestv. pit no 3.38-39 Mr '60.

SOLONETZ SOILS

(see also subdivision under Stalingrad Province)

Effect of Solonetz soils on physiological processes in spring wheat. L. I. Kiseleva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1:3-13 '59.

SOLOV'EV, ALEKSANDR VASIL'EVICH, 1892-1959

Aleksandr Vasil'evich Solov'ev, obituary. A M Bakharev. Astron tsir no 205 29-30 O '59

SOLUBILITY

Investigating a reciprocal system of sodium and potassium bromides and iodides. Report No. 5 Solubility isotherm of the density and viscosity at + 35° of the system NaBr - KBr - H_2O. A. I. Agaev, A. I. Dzhabarov. Uch. zap. AGU Fiz.-mat. i khim. ser. no. 1:89-92 '59.

Solubility of gases under high pressures in catalytically cracked diesel fuel and gas oil. M I. Levina. Khim i tekh topl i masel 5 no. 4:5-7 Ap '60.

SOLUBLE GLASS

Using electric heating in making soluble glass from silicate blocks. Rats i izobr predl v stroi no 14 71-73 '60

Using tripoli earth in making soluble glass. Rats. i izobr. predl. v stroi. no. 13.58-59 '59.

SOLUTION (CHEMISTRY)

Intensification of the process of "activating" copper in the production of copper sulfate. A I Kinevskii. Zhur prikl khim 33 no 3 608-612 Mr '60.

Solubility isotherms for a quaternary reciprocal system KCl+NaI⇄NaCl+KI and H_2O at O, 25, and 50°C. V. M. Slovinskaia, S. M. Mukimov. Dokl. AN Uz. SSR no. 11:35-43 '56.

SOLUTIONS (PHARMACY)

Determination of gas composition and pressure in ampules with a solution. F. A. Konev, IA. A. Obukhovskii. Med. prom. 14 no. 6:38-41 Je '60.

SOLUTIONS, SOLID

Physical properties of solid solutions of alkali halide compounds, and the molecular concentration. A. A Vorob'ev and others. Izv vys ucheb zav, fiz no. 6 162-165 '59

SOLVENTS

(see also subdivision under Dokshukino)

Preparation of nonhydroxylated solvents of very low water content. IA I Chulkov. Zhur ob khim 30 no 6 1753-1755 Je '60

Selecting a solvent for polyethylene. IU. G. Mamedaliev and others. Azerb. khim. zhur. no. 1:11-17 '59.

Specific rotation of starch in different solvents. M. I. Kniaginichev, IU. R. Bolkhovitina. Izv vys ucheb. zav, pishch. tekh no. 1 37-42 '60

SONAR IN FISHING

Azhazha, V. G., and E. V. Shishkova. [Fish location by the use of hydroacoustic apparatus] Poisk ryby gidroakusticheskimi priborami. Moskva, Pishchepromizdat, 1960. 140 p.

SONGS

[Through life with a song; a collection of songs] S pesnei po zhizni; sbornik pesen. [Moskva] Mosk. rabochii, 1960. 174 p.

SONGS—HISTORY AND CRITICISM

A book on the song ("The Soviet Russian song" by A. Sokhor. Reviewed by P. Vul'fius). Sov. muz. 24 no. 3 103-104 Mr '60.

SONGS, UKRAINIAN see subdivision under Konotop District, White Russia

SOPHISTS (GREEK PHILOSOPHY)

Herodotus, vol. 3, (80-82), and the literature of the Sophists. B. B. Margules. Vest. drev. ist. no. 1:21-34 '60.

SORBITOL

Preventive effect of prolonged sorbitol administration in choline deficiency [with summary in English]. L. A. Cherkes, A. Dinerman. Biokhimiia 25 no. 1.102-105 Ja-F '60.

SORGENFREY, R. W.

Professor R. W. Sorgenfrey, obituary. Vest. Inst po izuch SSSR no 1:5-6 Ja-Mr '60

Present-day importance of and prospects for the utilization of sorghum (from "Cereal Science Today" no. 8, 1959). M. IA Rubinshtein. Sakh prom 34 no. 3.58-60 Mr '60.

SORPTION

Investigation of the structural changes in fibers by measurements of their specific surface areas and pore volumes [with summary in English]. V. A. Berestnev, P. V. Gatovskaia, V. A. Kargin. Vysokom. soed. 2 no. 6 916-925 Je '60.

Principles of a general theory of the dynamics of sorption and chromatography. Report No. 2: Theory of frontal chromatography. V. V. Rachinskii. Izv. TSKhA no. 6: 201-206 '59.

Sorption of dyes by synthetic carboxylated ion exchangers [with summary in English]. G. IA. Gerasimov, L. P. IAkhontova, B. P. Bruns. Vysokom. soed 2 no. 6. 861-870 Je '60.

Sorption of uranium by the strongly basic anionite AV-17. A. V. Gordievskii, V. I Savel'eva. Izv. vys ucheb zav., khim. i khim. tekh. 3 no 1 138-140 '60.

SOSHENKO, MODEST, 1875-1920

Talented painter. I. Mel'nyk. Mystetstvo 7 no 1 45-46 Ja-F '60

SOUL

Soul; truth and myth. D. A. Biriukov. Nauka i rel. no. 2 11-15 O '59.

SOUND—RECORDING AND REPRODUCING

Dr. Sholpo's dream. G. Anfilov. Znan. sila 35 no. 3 23-25 Mr '60.

SOUND—SPEED

Ratio for calculating the velocity of sound in a gas-steam-liquid medium. G. E. Khudiakov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no 3:139-141 My-Je '60

SOUND WAVES

Theory of the drift of aerosol particles in a standing sound wave [with summary in English]. S. S Dukhin. Koll. zhur 22 no 1 128-130 Ja-F '60

SOUNDPROOFING

Sound insulating capacity of walls and partitions of buildings [in Armenian with summary in Russian]. N. K. Karapetian, A. A. Korkhmazian. Izv. AN Arm. SSR. Ser. tekh. nauk 12 no 6 37-47 '59.

SOUPS

New recipes for canned soups. L. P. Khakhina, L. M. Kagan. Kons. i ov. prom. 15 no. 3:22-23 Mr '60.

SOUTH AFRICA—MALNUTRITION

Deficient nutrition in children of the indigenous people of South Africa. P. Dransfild. Ual zhiz i zdorov 1 no 5 50-51 '59

SOUTH AFRICA, UNION OF

Facts. Mezhdunar zhizn' 7 no. 6:151-156 Je '60

SOUTH AFRICA, UNION OF—NEGROES—CIVIL RIGHTS

Bloody crime of racists. Ogonek 38 no. 16:26-27 Ap '60.

SOUTH AFRICA, UNION OF—PERIODICALS—CENSORSHIP

The words of solidarity. Mol. mira no. 7 19 '59.

SOUTH AFRICA, UNION OF—POLITICS AND GOVERNMENT

Repressions in South Africa. J. Letsoaba. Vsem. prof. dvizh. no. 5:17-21 My '60.

South Africa in the struggle. Sovr. Vost. no. 6:28 Je '60.

World Federation of Trade Unions protests the policy of repressions in South Africa. Vsem. prof dvizh. no 5: 21-22 My '60.

SOUTH AFRICA, UNION OF—RACE DISCRIMINATION

Outstanding women of South Africa. Elsy Beaching. Zhen. mira no. 2 27-28 '60.

The political conspiracy of South African racists is doomed to failure. IU. A. IUdin. Sov. gos. i pravo no. 5 150-154 My '60.

SOUTH AFRICA, UNION OF—TRIALS (TREASON)

The political conspiracy of South African racists is doomed to failure. IU. A. IUdin. Sov. gos. i pravo no. 5: 150-154 My '60.

SOUTH AFRICA, UNION OF—URANIUM

Production of uranium in the Union of South Africa. R. Rafal'skii. Atom. energ 8 no 6:572-573 Je '60

SOUTH AFRICA, UNION OF—WOMEN

Outstanding women of South Africa. Elsy Beaching. Zhen. mira no. 2:27-28 '60.

SOUTH GEORGIA—GULLS

The "kitchen" of ring-billed gulls. G. A. Solianik. Inform. biul Sov. antark eksp. no. 12:50 '59.

PATHOGENIC

Diseases of trees and shrubs in tugai forests of the Syr Darya Valley. IU V. Sinadskii, M. A. Bondartseva. Bot zhur. 45 no. 3 423-429 Mr '60.

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

Kings and pawns. Nov. vrem. 18 no. 24:20 Je '60.

United States expansion in Thailand. V Pavlovskii. Mezhdunar zhizn' 7 no 6 135-140 Je '60

SOUTHEASTERN TREATY ORGANIZATION

SEATO, an outcome of the cold war. I. Ermakov. Sovr. Vost. no. 6:51 Je '60.

SOVIET CENTRAL ASIA—ARCHAEOLOGY

Progress of Soviet archaeologists in the study of the ancient history of Transcaucasia and Central Asia. B. B. Piotrovskii. Uch zap. Inst. vost 25:42-56 '60.

SOVIET CENTRAL ASIA—CIVILIZATION

Altmyshbaev, A. [Some features of the transition to socialism in Central Asia] O nekotorykh osobennostiakh formy perekhoda Srednei Azii k sotsializmu. Frunze, Akad. nauk Kirgizskoi SSR, 1959. 96 p.
(CSt-H)

SOVIET CENTRAL ASIA—CLOUDS

Aerological characteristics of clouds in Central Asia according to the data of aircraft soundings. A D Dzhuraev. Trudy Sred.-Az nauch.-issl gidrometeor inst no 2:223-232 '59

SOVIET CENTRAL ASIA—DESERTS

Types of Central Asian deserts classified by their substrata. I. V Kozlov. Vest. Mosk un Ser biol, pochv, geol., geog 14 no. 4.217-223 '59

SOVIET CENTRAL ASIA—GOOSEFOOT—DISEASES AND PESTS

Structure of galls and malformations in plants of the goosefoot family of Central Asia [with summary in English]. E. I Stepian. Bot zhur 45 no 2 181-205 F '60

SOVIET CENTRAL ASIA—HISTORY

Contribution of Leningrad orientalists to the historical study of Central Asia. V A Romodin. Uch zap. Inst. vost 25.30-41 '60.

SOVIET CENTRAL ASIA—LEAF HOPPERS

New and little-known leafhoppers (Homoptera, Phylloidea) of Central Asia and Kazakhstan. M. M. Loginova. Trudy Vses. ent. ob-va 47:53-93 '60.

SOVIET CENTRAL ASIA—LOESS

Concerning G. A. Mavlianov's monograph "Genetic types of loess and loess type soils in the central and southern parts of Central Asia." V V. Popov. Uzb. geol. zhur. no. 6:70-72 '59

SOVIET CENTRAL ASIA—METEOROLOGY

Brief characteristics of aerosynoptic conditions during the period of the expedition to the Golodnaya Steppe in February-March 1957. N. N Romanov, S G Chanysheva. Trudy Sred.-Az nauch.-issl. gidrometeor. inst. no 2:17-25 '59.

SOVIET CENTRAL ASIA—PIPITS

Intraspecific systematics and range limits of subspecies of the tree pipit [with summary in English]. E. S. Stepanian. Zool. zhur. 39 no. 2:305-306 F '60.

SOVIET CENTRAL ASIA—RELAPSING FEVER

Role of birds and reptiles in the maintenance of foci of the Central Asian tick-borne relapsing fever [with summary in English]. N K. Mishchenko. Zool zhur 39 no 3:421-428 '60

SOVIET CENTRAL ASIA—REVOLUTION, 1917-1921

"Intervention and civil war in Central Asia" by IU Aleskerov. Reviewed by K K Malyshev, S V Shestakov. Vop ist no 6 144-146 Je '60

SOVIET CENTRAL ASIA—RUNOFF

Determining the mean depth and duration of flood runoff in uninvestigated rivers of the southern part of Central Asia. E. E. Rubinova. Izv. AN Uz. SSR. Ser. tekh. nauk no. 1 68-76 '60.

Variability in the rain water runoff of rivers in Central Asia. O. P. Shcheglova. Dokl. AN Uz. SSR no. 11:11-13 '56.

SOVIET CENTRAL ASIA—SAKSAUL

Phenological observations on the saksaul Haloxylon aphyllum (Minkw.) Iljin. N E Koksharova. Bot zhur 45 no 2 254-259 F '60

SOVIET CENTRAL ASIA—SALT

Geology of saline deposits in the southern part of Central Asia. N. P. Petrov. Uzb. geol. zhur. no. 6:49-54 '59.

SOVIET CENTRAL ASIA—SCARABAEIDAE

Description of larvae of eight lamellicorn species (Coleoptera, Scarabaeidae) from the Ukraine and Central Asia [with summary in English]. S I Medvedev. Zool zhur. 39 no 3.381-391 '60

Sokolov, I. I. [Morphology of domestic sheep breeds in relations to environmental conditions and the character of productivity] Morfologiia porod domashnikh ovets, v sviazi s usloviiami sredy i kharakterom produktivnosti Moskva, Izd-vo Akad nauk SSSR, 1960 202 p
(DA)

SOVIET CENTRAL ASIA—WALNUT

"Walnut in Central Asia" by M T Tuichiev Reviewed by M I Ismailov Bot zhur 45 no 2 304-308 F '60

SOVIET FAR EAST—AGRICULTURE

Novak, A.G. [Principal problems of agriculture in the Far East] Osnovnye voprosy zemledeliia Dal'nego Vostoka, Izd. 2, ispr. i dop. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1959. 446 p.
(DA)

SOVIET FAR EAST—BRIDGES—FOUNDATIONS AND PIERS

Bridges designed by N A Slovinskii A P. Kortusov Avt dor 23 no 3 21 Mr '60

SOVIET FAR EAST—CORN (MAIZE)

Regions of the Far East with suitable climatic conditions for the cultivation of corn V V Kalmykova Trudy Dal'nevost NIGMI no 7:74-106 '59

SOVIET FAR EAST—DECAPODA (CRUSTACEA)

Materials on comparative ecology of decapods in Far Eastern seas [with summary in English]. N.A. Zarenkov Zool zhur. 39 no. 2 188-199 F '60.

SOVIET FAR EAST—ETHNOLOGY

"Ethnic anthropology and ethnogenic problems of the peoples of the Far East" by M G Levin Reviewed by V V Ginzburg, I I Gokhman Vop antr no 1,117-150 '60

SOVIET FAR EAST—GEOLOGY

Activity of geologists in the Far East. Izv. vys. ucheb. zav., neft' i gaz 3 no. 2 81 '60.

SOVIET FAR EAST—SABLE HUNTING

Klipel', V I., and V P Sysoev. [After black sable] Za chernym sobolem Moskva, Gos. izd-vo geogr lit-ry, 1960. 142 p (Puteshestviia Prikliucheniia. Fantastika)

SOVIET FAR EAST—SYRPHUS FLIES

New Palaearctic species of syrphus flies (Diptera, Syrphidae) from the Far East. N A Violovich. Ent. oboz 39 no. 1 205-209 '60

SOVIETS
(see also subdivision under Hungary)

Akademiia nauk SSSR Institut prava [Congress of the Soviets of the U.S.S.R., Union and Autonomous Soviet Socialist Republics, a collection of documents in three volumes, 1917-1936] S"ezdy Sovetov Soiuza SSR, soiuznykh i avtonomnykh Sovetskikh Sotsialisticheskikh Respublik, sbornik dokumentov v trekh tomakh, 1916-1936 g.g. Moskva, Gos. izd-vo iurid. lit-ry.
Vol. 3. [Congress of Soviets of the Union of Soviet Socialist Republics, a collection of documents from 1922 to 1936] S"ezdy Sovetov Soiuza Sovetskikh Sotsialisticheskikh Respublik, sbornik dokumentov 1922-1936 g.g. 1960. 398 p.

Bezuglov, A.A. [Government by the people] Vlast' narodnaia. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2., Filosofiia, no. 18)

How many deputies in soviets of the Republics and in local soviets. Otv. na vop. trud. no. 111 56 '60.

Popov, I.S. [Financial work of rural soviets] Finansovaia rabota v sel'skom sovete. Moskva, Gosfinizdat, 1957. 103 p.
(IU)

What is procedure in recalling a deputy of the Supreme Soviet. V. Ivanov. Otv. na vop. trud. no. 111:23-26 '60.

SOWACKI, JULIUSZ, 1809-1849

Juliusz Sowacki and Ukrainian folk poetry. I. V. Illyns'kyi. Nar. tvorch. ta etn. 3 no. 4:69-74 O-D '59.

SOWING
(see also subdivision under Kurgannaya District)

Basic methods of seeding hemp grown for seed and for fiber G. I Lashkevich Trudy Belar nav.-dasl. inst mel. i vod hasp 8.301-312 '58

Design a sowing machine for sowing in winter. S. Krylov. Izobr. i rats. no. 4 34-35 Ap '60.

SOY-BEAN OIL

Problem of additional unaccounted losses of soy-bean oil incurred at the expense of phosphorus-containing compounds. V. A. Kukhlevskaia. Masl.-zhir. prom. 26 no. 3 6-8 Mr '60.

SPACE AND TIME

Book on space and time in the theory of relativity ("Problems of space and time in the theory of relativity" by P S. Dyshlevyi Reviewed by N Melykov, B V. Plaskovs'kyi). Dop AN URSR no 2 252-256 '60

ics. R G Gevorkian. Trudy MATI no. 41 5-41 '59.

SPACE FLIGHT

Astronomical geography. I. M. Zhbelin. Nauka i zhizn' 27 no. 2:59-63 F '60.

Conquering outer space.. A. IUr'ev. Grazhd. av. 17 no 3 25-26 Mr '60.

Faster and higher. V V Parin Zdorov'e 6 no 5 1-2 My '60

Man and the cosmos. V. Timakov. Sov. kras. krest 10 no. 1:12-13 Ja-F '60.

On the eve of manned space flights. L. Sedov. Nov. vrem. 18 no. 21:22 My '60.

Sokolovskii, IU I, and V. I. Shilov [Photon spaceship, possibilities and difficulties of a flight beyond the solar system] Fotonnyi zvezdolet, o vozmozhnostiakh i trudnostiakh poleta za predely Solnechnoi sistemy. Khar'kov, Izd-vo Khar'kovskogo gos univ im. A M Gor'kogo, 1960 45 p.

SPACE LAW

Outer space and law. E. A. Korovin. Sov. Soiuz no. 2:53 '60.

SPACE PERCEPTION

Recent advances in space perception theory [with summary in English]. B. G. Anan'ev Vop psikhol 6 no 1:18-28 Ja-F '60

SPACE SHIPS

Beck's capsule B Borisov, A Nikolaev Nauka i zhizn' 27 no 3 68-69 Mr '60

Keeping the course toward the moon. V. Pavlov. Nauka i zhizn' 27 no. 2:14-16, 38 F '60.

Space ship and science. D A Frank-Kamenetskii. Priroda no 6 3-4 Je '60.

Test flights of a space ship P. K Isakov. Priroda no 6 4 Je '60.

SPACES, GENERALIZED

Direct product of n Gilbert spaces. V. I. Korobov. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1:31-39 '59.

Riemann problem on closed Riemann surfaces. IU L Rodin Dokl AN SSSR 132 no 1036-1040 Je '60.

Some classes of spaces of infinitely differentiable functions K I. Babenko Dokl AN SSSR 132 no 6 1231-1234 Je '60

Some properties of $H_p^{(r_1, \ldots, r_m)}$ spaces. O. V. Besov. Izv. vys. ucheb. zav. mat no. 1 16-23 '60.

Spaces of closed subsets of bicompact extensions. V. M. Ivanova Mat sbor 50 no 1:91-100 Ja '60.

Various forms of completeness of topological spaces. G. A. Kirtadze Mat sbor. 50 no 1:67-90 Ja '60.

SPAIN

Spain Agitator no 6 42-43 Mr '60

SPAIN—CIVIL RIGHTS

"Encourage action for the defense of prisoners and for amnesty!" Mol. mira. no. 12:24 '59.

SPAIN—CIVIL WAR, 1936-1939

National revolutionary war of the Spanish people, 1936-1939 K L Maidanik Prep ist v shkole 15 no 1 9-22 Ja-F '60

The policy of the encirclement of France. Z. Belousova, I. Kremer. Mezhdunar. zhizn' 7 no 7 113-120 Jl '60.

SPAIN—COMMUNIST PARTY

Dates, events, and people. Komm. Bel. 34 no. 3:76-78 Mr '60.

What is concealed behind the new wave of terror in Spain Isidro R Mendieta. Mezhdunar zhizn' 7 no 6 121-123 Je '60

SPAIN—DESCRIPTION AND TRAVEL

A plane, three Cubans, and Spain today. Milton de Carvalho. Vsem. stud. nov. 14 no. 2:10-11, 17 F '60.

Spain in its true colors. V. Borovskii. Ogonek 38 no. 13:14-16 Mr '60.

SPAIN—ECONOMIC CONDITIONS

Three weeks in Spain. John Wilcox. Vsem. prof. dvizh. [no. 6],33-37 Je '60.

SPAIN—EDUCATION

Schools and education in Spain during the 30's of the 20th century. N. A. Konstantinov. Izv. APN no. 105:403-429 '59.

SPAIN—FOREIGN RELATIONS—GERMANY

The policy of the encirclement of France. Z. Belousova, I. Kremer. Mezhdunar. zhizn' 7 no. 7:113-120 Jl '60.

SPAIN—FOREIGN RELATIONS—GREAT BRITAIN

Seducers from Madrid. Nov. vrem. 18 no. 26:21 Je '60.

SPAIN—POLITICS AND GOVERNMENT

The regime of lawlessness and arbitrary violence. V. Aleksandrov. Sov. iust. no. 3 71-74 Mr '60.

What is concealed behind the new wave of terror in Spain. Isidro R. Mendieta Mezhdunar zhizn' 7 no. 6 121-123 Je '60

SPAIN—SOCIAL CONDITIONS

Reporting from Spain. Rubens Tedeschi. Inostr. lit. no 1 226-230 Ja '60.

SPAIN—STUDENTS

A plane, three Cubans, and Spain today. Milton de Carvalho. Vsem. stud. nov. 14 no. 2:10-11, 17 F '60.

SPANISH AMERICA see Latin America

SPANISH LANGUAGE—WORD FORMATION

Inverse word formation and a study of indirect derivation. N D. Arutiunova. Vop iaz. 9 no 2 71-79 Mr-Ap '60

A study of Hispano-American word formation G V. Stepanov Vop iaz 9 no 1 68-73 Ja-F '60

SPANISH POETS see Poets, Spanish

SPARK PLUGS—TESTING

Methods and equipment for evaluating the thermal properties of spark plugs. G. V. Mel'nikov, V M. Petrov. Trudy LPI no. 187:137-147 '56.

SPARROWS

Migration of the saksaul sparrow (Passer ammodendri Gould). E. P. Spangenberg. Migr. zhiv. no. 1:117-148 '59.

SPARTA—TEMPLES, GREEK

Temple of Artemis Orthia at Sparta; excavations by R. M. Dawkins. S. Boriskovskaia Biul SNO LGU no. 1 170-185 '58.

SPASMS

Clinical aspects and pathogenesis of Rulf's intentional spasm. V. T. Bakhur. Vrach. delo no. 2:201 F '60.

SPEAKING see Voice

SPECIFIC GRAVITY

Gradient method of determining the specific gravity of synthetic fibers. N. V. Mikhailov, N. N. Zav'ialova, V. O. Gorbacheva. Khim. volok. no. 1:19-22 '60.

SPECTROGRAPH

Apparatuses and methods of spectrum determination of hydrogen in titanium. I. B. Borovskii, S. A. Skotnikov. Titan i ego splavy no. 2:165-173 '59.

Reflecting spectrograph-monochromator for visible and ultraviolet regions of the spectrum, constructed on a two-mirror system L. E. Vvedenskii. Trudy MATI no. 41 63-67 '59

Vacuum shutter for the film holder of an X-ray tube spectrograph. IA. E. Genkin. Zav. lab. 26 no. 4:500 '60.

SPECTROMETER

Design of a magnetic spectrometer for studying angular distribution of electrons V V. Mitrofanov, V V. Smirnov Prib i tekh. eksp no. 1 22-24 Ja-F '60.

Magnetic gamma spectrometer with an annular field. A. S. Karamian, P. T. Prokof'ev. Izm. tekh. no. 3:39-41 Mr '60.

Sample holder for the URS-50I diffractometer. V. G. Prokhvatilov, E. I. Gindin. Zav. lab. 26 no. 4:499 '60.

Using the Cherenkov spectrometer for measuring the energy of gamma-ray quanta V S. Pantuev, M. N Khachaturian, I V. Chuvilo. Prib i tekh. eksp. no. 1 19-22 Ja-F '60.

SPECTROPHOTOMETER

Integrating stellar electrospectrophotometer N. A. Dimov Astron tsir no. 204:14-15 S '59

Integrating stellar spectrophotometer [with summary in English]. N. A. Dimov. Astron. zhur. 37 no. 3:464-468 My-Je '60.

SPECTROPHOTOMETRY

Absolute spectrophotometry of nebula NGC 7000 with light filters [with summary in English]. R. E. Gershberg, V. I. Pronik. Izv. Krym. astrofiz. obser. 21:215-226 '59.

Airborne apparatus for measuring spectral optical characteristics of the atmosphere and the underlying surface. IU. I. Rabinovich. Trudy GGO no. 100:115-123 '60.

Photometric apparatus for the measurement of spectral brightness coefficients. L. B. Krasil'shchikov, O. I. Golikova. Trudy GGO no. 100. 110-114 '60.

Quantitative spectrophotometric determination of nucleic acids [with summary in English]. R. G. TSanev, G. G. Markov Biokhimiia 25 no. 1:151-156 Ja-F '60.

Spectrophotometry of lines in grains of continuous emission [with summary in English]. A. B. Severnyi, V. L. Khokhlova. Izv. Krym. astrofiz. obser. 21:190-197 '59.

Studying optical properties of leaves in woody plants with the SF-4 spectrophotometer [with summary in English]. I. A. Shul'gin and others. Fiziol. rast. 7 no. 3:300-306 '60.

SPECTRUM, INFRARED

Investigating the radiating properties of aluminum alloys in the near infrared region of the spectrum. A. A. Poskachei, D. IA. Svet. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:86-91 My-Je '60.

Nature of the hydrogen bond, and its effect on the electronic spectra of molecules D. N. Shigorin and others Dokl AN SSSR 132 no 6 1372-1375 Je '60

Oscillations induced during the electronic excitation of molecules in a high-pressure glow discharge V V Kuchanenko Izv. vys ucheb zav ,fiz no 6 166-167 '59

SPECTRUM, SOLAR

Plotting the curve of growth according to the lines of A and B bands of the O_2 molecule A. Suslov Astron tsir. no 204 11-13 S '59

Spectral measurements of radiation streams in Tashkent. E A Lopukhin Trudy Sred -Az nauch -issl. gidrometeor inst no 2:139-159 '59

Studying spectra of intense chromospheric flares [with summary in English]. A. B. Severnyi. Izv. Krym. astrofiz. obser. 21:131-151 '59.

SPECTRUM ANALYSIS

Increasing accuracy in spectral analysis of high concentrations by superimposition of spectra. L. E. Vvedenskii. Trudy MATI no 41 58-62 '59.

Spectrum analysis. K I Taganov, Priroda no. 6:27-31 Je '60

Spectrum determination of hydrogen in titanium. N. V. Bulazov and others. Titan i ego splavy no 2:174-178 '59.

SPECTRUM ANALYSIS—CONGRESSES

All-Union Conference on Spectroscopy. Zav. lab. 26 no. 4 515 '60.

SPEECH, DISORDERS OF see subdivision under Rumania

SPHERICAL ASTRONOMY see Astronomy, Spherical and practical

SPHEROIDAL FUNCTIONS see Functions, Spheroidal

SPICES

Essential oil plants of the Kopet-Dag as sources of spices and aromatics for the food industry. L I, Medvedeva Trudy Bot inst. Ser. 5 no 6 127-216 '60

Use of Russian spices in the fish industry. T. I. Makarova and others Trudy Bot inst Ser 5 no 6 260-278 '60.

SPIDERS

Spiders of the genus Synaema, group Piscator (O. P. Cambr.) in the U. S. S. R [with summary in English] A. S Utochkin Zool. zhur 39 no 3 375-380 '60.

SPILLWAYS

Hydraulic calculation of oblique and lateral spillways. A. I. Chavloraev. Nauch. zap. MIIVKH 20:132-143 '58.

Some problems concerning the nappe shape of spillways in consolidated hydroelectric power stations. P. E. Tkachenko. Nauch. zap. MIIVKH 20:165-173 '58.

Spillways of earth dams. B. Rutkovs'kyi. Sil'. bud. 8 no. 2:21-22 F '58.

SPINAL CORD

Biomorphology of the spinal cord of mammals [in Kazakh with summary in Russian]. Zh. Sadykov. Vest. AN Kazakh. SSR 16 no. 2:92-96 F '60

Change in certain functions of the damaged spinal cord in irradiated turtles. I S. Gezalian. Dokl. AN Arm. SSR 30 no. 2.121-124 '60.

SPINAL NERVES see Nerves, Spinal

SPINDLE TREE see subdivision under Leningrad Province

SPINDLES (MACHINE TOOLS)

Machining spindles for machine tools A I. Vaks, L. I Terekhova. Stan i instr. 31 no 4 11-18 Ap '60.

Modernizing electric spindles. V. S. Gavrilov. Stan. i instr. 31 no. 3:30 Mr '60.

SPINE—ABNORMITIES AND DEFORMITIES

Determination of the force of correcting scoliosis in spine traction. K I. Vasil'kova. Trudy Len. gos. nauch-issl. inst. travm. i ortop. no. 7:177-182 '58.

Measurement of the curvature in scoliosis. G. K. Maslovskii. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:316-317 '58.

SPINE—DISEASES

"Ankylosing spondyloarthritis" by N. L. Gladyrevskii. Reviewed by M M Shikhov, V V. Orzheshkovskii. Zdravookhranenie 2 no 6:57-58 N-D '59

Bechterew's disease and its orthopedic treatment. N. V. Belokonskaia. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7.192-202 '58.

Deforming spondylosis E M Morozova. Zdorov'e 6 no 5:26 My '60.

Exercise therapy in deforming spondylosis I I. Khitrik. Zdorov'e 6 no. 5 26-27 My '60

SPINNING

Equation for the curve of thinning under nonstationary operating conditions of a draft apparatus. A. G. Sevost'ianov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 1:47-59 '60.

Tekst. prom 20 no. 2:78-79 F '60.

Ways to reduce lap unevenness and its variations. I. S. Isaev. Tekst. prom. 20 no. 2:71-73 F '60.

SPINNING MACHINERY

(see also subdivision under Poland)

Investigating mechanisms imparting movement to the yarn. A. F. Proshkov. Izv. vys. ucheb. zav., tekh tekst. prom. no 1:137-146 '60

The PM-88-L3 ring frame for spinning flax. E. IA. Aksel'. Biul tekh.-ekon. inform. no 3:41-42 '60.

Theoretical principles of the operation of modern automatic draft regulators. A G. Sevost'ianov. Tekst prom. 20 no 2 23-28 F '60.

SPIRAEA see subdivision under Alma-Ata

SPIRINA, ZOIA

The result of youth (a story about three Saratov actors) E Kalmanovskii Teatr 21 no 3 112-116 Mr '60

SPIROCHETOSIS

New species Spirochaeta nereensis sp. n. transmitted by the burrow tick of Central Asia (Ornithodorus nereensis Pavlovsky, 1941). O. V. Smirnov. Med. zhur Uzb. no 5.35-39 My '58.

SPLEEN

Comparative pathomorphology of the spleen of white mice following external gamma radiation with radioactive cobalt (CO_{60}) and internal beta radiation with radioactive phosphorus (P_{32}) [with summary in English] IU A Barshtein Vrach delo no 4 389-391 Ap '60

Course of the regenerative processes in the lymphopoietic organs in rabbits following complete deprivation of food. I A Poberii. Uch zap. 2-go MGMI 16 63-80 '58.

Regenerative processes in the lymphopoietic organs of starving rabbits following parenteral feeding of protein. I A Poberii Uch. zap 2-go MGMI 16 81-103 '58.

SPLEEN—SURGERY

Surgical technic in ruptures of the spleen. A. F. Nefedov. Khirurgiia 35 no. 12:95-96 D '59.

SPLEEN—WOUNDS AND INJURIES

Subcutaneous traumatic lacerations of the spleen [with summary in English]. N. A. Kuz'min. Khirurgiia 35 no. 12 66-68 D '59.

SPONGES

Substitute for Greek sponge M M Brandina Stek i ker 17 no 6 41 Je '60

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORADIC E (IONOSPHERE)

Diurnal variation of critical frequencies in the E layer of the ionosphere M. V Boenkov Trudy Inst fiz i geofiz AN Turk SSR 5:47-74 '58

SPORTS

(see also subdivision under Georgia, Poland; Rostov-on-Don; Tashkent)

At different latitudes. Ogonek 38 no. 13:26-27 Mr '60.

Defending the honor of the mine in sports. P. Basha. Mast. ugl 9 no 3 25 Mr '60.

Enlarge the ranks of sportsmen, improve their skill. Za rul. 18 no. 2:1 F '60.

In the All-Union Central Council of Trade Unions. Sov. profsoiuzy 16 no. 11:63-64 Je '60.

On physical training and sports in the second edition of the "Great medical encyclopedia." IU B. Bukin. Teor i prak. fiz. kul'. 22 no. 12 948-950 '59.

Sources of the big league sports. K. Vishnevetskii. Smena 37 no. 2.17-19 Ja '60.

Strong will. N. Mikhailov. Prom. koop. 14 no. 4:35 Ap '60.

Third Plenum of the Central Council of the Union of Sports Societies and Organizations of the U. S. S. R Teor i prak. fiz. kul' 23 no 6 401-405 '60.

Towards new progress in the development of agriculture. Teor. i prak. fiz. kul'. 23 no. 2.81-85 '60.

Twenty-fifth anniversary of the order-bearing "Spartak." M. Balashov. Prom. koop. 14 no 4:32-33 Ap '60.

Veterans of the society are speaking. Prom. koop. 14 no 4:34 Ap '60.

You have everything, go ahead! S. Vasil'ev. Smena 37 no. 8:27 Ap '60.

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPORTS—CLASSIFICATION

Improve for the unified all-Union sports classification. Teor. i prak. fiz. kul'. 22 no. 12:981-985 '59.

SPORTS—CONGRESSES

First all-Union conference of workers at physical education facilities. N. D. Nikitin. Teor. i prak. fiz. kul'. 22 no. 12 953-954 '59.

Second Plenum of the Central Council of the Sports' Societies and Organization of the U. S. S. R. Teor. i prak. fiz. kul'. 23 no. 2.156-160 '60.

SPORTS—HYGIENIC ASPECTS

On the dynamics of results of the strongest athletes of the world A. I Kurachenko, O V. Vintergal'ter. Teor. i prak. fiz kul' 23 no 6 422-426 '60

SPORTS—ORGANIZATION AND ADMINISTRATION

United physical training groups of the "Trud" Volunteer Sport Society. I. F. Mironenko Teor. i prak fiz. kul'. 22 no. 12 895-899 '59.

SPORTS—PSYCHOLOGICAL ASPECTS

"Essays on sport psychology" by A. TS. Puni. Reviewed by L. F. Egupov Teor. i prak fiz. kul'. 23 no. 2.152-154 '60.

Experimental investigation of the overcoming of difficulties under competitive conditions [with summary in English]. A. S. Egorov. Vop. psikhol. 6 no. 1 128-134 Ja-F '60.

SPORTS CAR EVENTS

Sports car events in 1960 L. Afanas'ev Avt transp. 38 no 2 60 F '60

SPORTS FOR WOMEN

The price of speed. A. Malski. Belarus' 17 no. 2:26 F '60.

SPOTTING (CLEANING)

New books. Prom. koop. 14 no. 4:39 Ap '60.

SPRATS see subdivision under Baltic Sea

SPRAY PAINTING

Sprayer. E. Riabchikov. IUn. tekh. 4 no. 3:54-57 Mr '60.

SPRAY PAINTING, ELECTROSTATIC see subdivision under United States

SPRAYING AND DUSTING

Using Mi-1NKh helicopters in pest control. I. Al'perovich. Tekh. v sel'khoz. 20 no. 2 75-76 F '60.

SPRING see subdivision under Maritime Territory, Meshchera, Ural Mountain region

SPRINGS

The earth's heat Vit. Moev Sov Soiuz no 4 40-43 '60

SPRINGS (MECHANISM)

Modified N35KhMB (A) alloy for watch mechanism spiral springs (hairs). A. K. Borisova. Sbor. trud. TSNIICHM no. 22:111-120 '59.

Use of the K40NKhM alloy for watch springs. A. S. Boleukh, E. P. Belova, V. A. Sol'ts. Sbor. trud. TSNIICHM no. 22:57-70 '59.

SPRINKLER IRRIGATION see subdivision under Magnitogorsk region, Ukraine, White Russia

SPRINTING

The price of speed. A. Malski. Belarus' 17 no. 2:26 F '60.

SPRUCE

(see also subdivision under Karelia)

Two-color enigma. V. A. Panin. Priroda no. 6:107 Je '60.

Vegetative propagation of some spruce species. V. G. Rubanik Trudy Alma-At. bot sada 5:11-19 '60

SPUTNIKS see Artificial satellites

SQUAW VALLEY, CALIF.—OLYMPIC GAMES (WINTER)

At the finish. V. Viktorov. Ogonek 38 no. 9:30-32 F '60

The eyes of young athletes are fastened on the Squaw Valley! Kurt Kastka. Mol. mira no. 1:10 '60.

Kiselev, N. S. [Victory at Squaw Valley; Eighth Olympic Winter games, Califormia 1960] Pobeda v Doline indianok, VIII Olimpiiskie zimnie igry, Kalifornia 1960. 78 p. (Biblioteka "Komsomol'skoi pravdy," no. 5)

Outracing time. V. Viktorov. Ogonek 38 no. 12:22 Mr '60.

Smiles and figures. V. Viktorov. Ogonek 38 no. 10:26-27 Mr '60.

SQUIRRELS see subdivision under Kurgan Province; Yakutia

SREDNE-KOLYMSK—LIBRARIES

Library of the political exiles in Sredne-Kolymsk, 1896-1905. IA. T. Khaninson. Bibliot. SSSR no. 12:182-189 '59.

STABILITY OF AIRPLANES

Master the theory of stability! E. Mikirtumov. Kryl. rod. 11 no 3:22-23 Mr '60.

Oscillations of airplanes provided with the automatic pilot in a turbulent atmosphere. L. S. Gandin. Trudy GGO no. 98.17-37 '59.

Relation between the bumping parameters of airplanes of different construction design under the same meteorological conditions. A. S. Dubov. Trudy GGO no. 98: 43-53 '59.

Writer soldier. I. Gubarev. Zvezda no.2:207-208 F '60.

STAINLESS STEEL see Steel, Stainless

STAINS AND STAINING
Effect of ultrasonic oscillations on wool staining. G.P. Bystrov, V.M. Bezdrumilov, I.A. Al'tman. Tekst. prom. 9 no.[illegible] Je '60.

STAINS AND STAINING (MICROSCOPY)
Simple method for coloring thrombocytes. K.V. Movshovich. Lab. delo 6 no.2:34-35 Mr-Ap '60.

STALINGRAD—CONSTRUCTION INDUSTRY
Simplify the structure of management in the construction industry. V. Berezhnov. Sots. trud 5 no.[illegible] Mr '60.

STALINGRAD—IRON AND STEEL WORKERS
... And happiness in private life. A.M. [illegible] Ogonek 38 no.10:11 Mr '60.

STALINGRAD—LIQUOR INDUSTRY
Improving the management of the Stalingrad Liqueur and Vodka Plant. A.M. Poplavskii. Spirt. prom. 26 no.1:38 '60.

STALINGRAD—METEOROLOGY IN AERONAUTICS
Always on the alert. N. Rodkin. Grazhd. av. 17 no.2:14-15 F '60.

STALINGRAD—SOCIALIST COMPETITION
Thoughtfully and purposefully. S. Pelmin. Agitator no.11:50-51 Je '60.

STALINGRAD—TRACTOR INDUSTRY
Stalingrad Tractor Plant. Sov. voin. 42 no.11:19 Je '60.

STALINGRAD, BATTLE OF, 1942-1943
Samsonov, A.M. [Battle of Stalingrad. From the defense and retreat to the great victory on the Volga; an historical account] Stalingradskaia bitva. Ot oborony i otstuplenii k velikoi pobede na Volge, istoricheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1960. 603 p.

STALINGRAD, BATTLE OF, 1942-1943—PERSONAL NARRATIVES
Heart of a hero. P. Shchukin. Smena 37 no.1:5 Ja '60.
Lost letters. Sov. mor. 20 no.6:16-17 My '60.

STALINGRAD HYDROELECTRIC POWER STATION
Gor'kov, A.V., and B.I. Chlet. [Reconstruction of quarries supplying building materials to the Stalingrad Hydroelectric Power Station] Rekonstruktsiia kar'erov nerudnykh materialov dlia stroitel'stva Stalingradskoi GES. Moskva, Gidroproekt, 1959. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii) [illegible]
[Aleksandrov, A.G., and others] [Construction of cofferdams on the Volga River at the site of the Stalingrad Hydroelectric Power Station; designing and analysis of construction effects from the point of view of engineering geology] Perekrytie reki Volgi v stvore Stalingradskoi GES; opyt proektirovaniia i inzhenerno-geologicheskii analiz [illegible] Moskva, 1959. 80 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)
Mirov, Z.I., A.P. Belov, and A.G. Aleksandrov. [Cableways in construction sites of the Stalingrad Hydroelectric Power Station] Kabel'nye krany na stroitel'stve Stalingradskoi GES. Moskva, Gidroproekt, 1959. 44 p. (Materialy k tekhnicheskomu otchetu o stroitel'stve Stalingradskoi gidroelektrostantsii)

STALINGRAD PROVINCE—AGRICULTURE
Would you apply our methods? I. Barteney. Agitator no.6:54-55 Mr '60.

STALINGRAD PROVINCE—ANTIQUITIES
Sarmatian burial mounds near the village of Kalinovka. I. Berkhin. [illegible] no.1:47-48 '60.

STALINGRAD PROVINCE—AUDITING AND INSPECTION
Generalization of the work practice of government statistical inspections in Stalingrad Province. B. Tolmina. Vest. stat. no.1:58-60 '60.

STALINGRAD PROVINCE—CANNING INDUSTRY
Specialization in canneries of the Stalingrad Province. N.I. Baschkov. Kons. i ov. prom. 15 no.4:39-40 Ap '60.

STALINGRAD PROVINCE—CANNING INDUSTRY—LABOR PRODUCTIVITY
Fully utilize available means for increasing the labor productivity. A.F. Didenko. Kons. i ov. prom. 15 no.1:30-31 '60.

STALINGRAD PROVINCE—ECONOMIC POLICY
Workers of the Stalingrad Economic Council are uncovering hidden potentialities. P. Savin. Plan. khoz. 37 no.[illegible] '60.

[illegible]—EXCAVATIONS (ARCHAEOLOGY)
Two burial mounds of Timber-frame grave culture. [illegible] Sov. arkheol. no.[illegible]

STALINGRAD PROVINCE—FLOUR MILLS
Competition for a high standing among socialist labor groups, brigades, and shock workers at grain-storing and milling enterprises of Stalingrad Province. I. Khokhlov. Muk.-elev. prom. 26 no.1:8 [illegible] '60.

STALINGRAD PROVINCE—GRAIN ELEVATORS
Competition for a high standing among socialist labor groups, brigades, and shock workers at grain-storing and milling enterprises of Stalingrad Province. I. Khokhlov. Muk.-elev. prom. 26 no.1:8 [illegible] '60.

STALINGRAD PROVINCE—INDUSTRIAL MANAGEMENT
Ways for the further development of our industry. [illegible] Part. zhizn' no.11:[illegible] '60.

STALINGRAD PROVINCE—PALEOBOTANY, STRATIGRAPHIC
[illegible]

STALINGRAD PROVINCE—SOLONETZ SOILS
Special practices used in bringing solonetz soils of Stalingrad Province under cultivation [illegible] N.P. [illegible]

STALINO—AIRPLANES—MODELS
Two-engine radio-controlled airplane model. A. [illegible] Kryl. rod. 11 no.2:20 [illegible] '60.

STALINO—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
A propaganda center in an apartment house. M. [illegible] Agitator no.6:55-56 Mr '60.

STALINO—EDUCATION, COOPERATIVE
Two seven-year plans for a plant. A. [illegible] no.[illegible] '60.

STALINO—EXCAVATING MACHINERY
Rotor excavator. M. [illegible] '60.

STALINO—NOTARIES
For our people. M. [illegible] '60.

STALINO—STEEL INDUSTRY
At the expense of the internal reserves. A. [illegible] Sov. profsoiuzy [illegible]
The state benefits. [illegible] Sov. profsoiuzy 16 no.[illegible] My '60.

STALINO (STALINO PROVINCE)—BAKERIES AND BAKERIES—EQUIPMENT AND SUPPLIES
Device for determining the time of baking in ovens with a continuous conveyer. A.G. Kogan. Khleb. i kond. prom. 4 no.4:26-27 Mr '60.

STALINO (UZBEKISTAN)—PENSIONERS
Our pensioners' group. [illegible]

STALINO PROVINCE—BUILDINGS
Urgent problems. [illegible]

STALINO PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
[illegible] Ap '60.

STALINO PROVINCE—EFFICIENCY, INDUSTRIAL
In close contact with the [illegible] Sov. profsoiuzy 16 no.[illegible] '60.

STALINO PROVINCE—FOREMEN
We discuss and decide together. [illegible] Agitator no.6:51 Mr '60.

STALINO PROVINCE—HOURS OF LABOR
For the shortest workday in the world. [illegible] Sov. profsoiuzy 16 no.[illegible] Mr '60.

STALINO PROVINCE—LIBRARIES
Without a bureaucratic approach. V. [illegible] no.3:44-45 Mr '60.

STALINO PROVINCE—PRECAST CONCRETE CONSTRUCTION
Large panel construction on ground located over workings. M. [illegible], V. Batkovskii, I. [illegible] '60.

STALINO PROVINCE—SOCIAL GROUP WORK
Holiday of the sickle and hammer. M. Kapran. [illegible] 11 no.3:44-45 Mr '60.
We propagate the initiative of M. Mamai. [illegible] 11 no.3:7 Mr '60.

STALINO PROVINCE—TELEVISION BROADCASTING
[illegible]

STALINOGORSK—BUILDING PROJECTS
[illegible]

[illegible]—PEDIGREE, INDUSTRIAL
[illegible]

[illegible]—TOOL DEPARTMENTS
[illegible] Je '60.

STAMPEDING
[illegible] '60.

STAND PIPES
[illegible]

STANDARDIZATION see [illegible] Standards

STANDARDS
[illegible]
[illegible]
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[illegible] Mr '60.
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STANDARDS, [illegible]
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STANISLAV [illegible]
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STANISLAV [illegible]
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STANISLAV [illegible]
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STARCH
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STARCH INDUSTRY
[illegible]

STARCH INDUSTRY—EQUIPMENT AND SUPPLIES
[illegible]

STARK EFFECT
The [illegible] Stark effect [illegible] calculation. A.N. [illegible]

STARLINGS [illegible]

STARS
[illegible]
Investigating the [illegible] Milky Way with [illegible] in English. [illegible] Izv. Krym. astrofiz. obser. 21 [illegible]

Investigating the region of the Milky Way with the center $l = 343^\circ$, $b = 0$ [with summary in English]. I. I. Pronik. Izv. Krym. astrofiz. obser. 21:268-275 '59

Loss of matter by stationary stars. Part 3. Investigating envelopes created by corpuscular radiation from the star [with summary in English]. E. R. Mustel'. Izv. Krym. astrofiz. obser. 21 24-39 '59.

Luminosity and color functions of stars [with summary in English]. G A. Starikova. Astron. zhur. 37 no. 3 476-491 My-Je '60.

Relationship between the speed of the rotation of stars and their spectral class and luminosity [with summary in English]. I. M. Kopylov, A. A. Boiarchuk. Izv. Krym. astrofiz. obser. 21:40-53 '59.

Spectra, magnitudes, and colors of O-A-type stars in the region of the Milky Way with the center $\alpha = 20^h 16^m$, $\delta = +42^\circ 30'$ [with summary in English]. R. N. Ikhsanov. Izv. Krym. astrofiz. obser. 21:229-256 '59

Theory of stellar evolution [with summary in English]. V. V. Sobolev Astron. zhur 37 no 3 387-395 My-Je '60

STARS—ATMOSPHERES

Chemical composition of the atmosphere of N Herculis 1934 [with summary in English]. E. R. Mustel', M. E. Boiarchuk. Izv. Krym. astrofiz. obser. 21:3-23 '59.

Quantitative analysis of the atmosphere of supergiant χ Cassiopeiae [with summary in English]. A. A. Boiarchuk. Izv. Krym. astrofiz. obser. 21:54-70 '59.

STARS—CATALOGS

Tables of $\sec\delta$ and $\operatorname{tg}\delta$ for 23,500 stars of the AGK 3R and of the catalog of faint stars with declinations from -20° to +80°. G D Baturina, V. A. Ivanova, D D Polozhentsev Astron tsir no 204 22 S '59

STARS—CLUSTERS

Star clusters in Coma Berenices and Pleiades M. V. Dolidze Astron tsir. no 207 10 D '59

STARS—MOTION IN LINE OF SIGHT

Determining the radial velocities of stars with a 70-cm. meniscal telescope and a large objective prism. R I. Kiladze. Soob. AN Gruz. SSR 23 no. 5:535-539 N '59.

Radial velocities of stars of early spectral classes. R. I. Kiladze Astron tsir no. 205 12-13 O '59.

STARS—PHOTOGRAPHIC MEASUREMENTS

Photography of stars with an electron telescope [with summary in English]. V. F. Esipov. Astron. zhur. 37 no 3:588-589 My-Je '60.

STARS, DOUBLE

Spectral binary star S Sagittae. Astron. tsir no. 206:13 D '59.

STARS, NEW

Nature of supernovae [with summary in English]. I. S. Shklovskii. Astron. zhur. 37 no. 3:369-380 My-Je '60.

STARS, NEW—SPECTRA

Absorption line profiles in the spectra of novae [with summary in English]. E. P. Krasnozhenov, V. V. Porfir'ev. Astron. zhur. 37 no. 3:589-590 My-Je '60.

STARS, VARIABLE

DY Pegasi- a variable with the Blazhko effect O. E. Mandel', V. M Grigorevskii Astron. tsir no 205: 21-22 O '59

Determining the longitude of ascending nodes of some eclipsing variable stars [with summary in German] R A Liakh. Biul Inst teor astron 7 no. 8:580-598 '60.

Maxima of Mira Ceti-type stars T G. Nikulina. Astron. tsir. no. 207 14 D '59.

Maxima of twelve variables. L. A. Korovkina. Astron. tsir. no 205 20-21 O '59

Minima of eclipsing variables. IU. R. Aleksandrovich Astron tsir no. 205 18-19 O '59.

Minima of RZ Cassiopeiae. V. G. Karetnikov Astron tsir. no. 207:16 D '59

Minima of some Algol-type stars. V. G. Karetnikov. Astron tsir. no. 207 16-17 D '59.

New variable Bamberg 223. F. I. Lukatskaia Astron. tsir. no 207,13 D '59

New variable in Cassiopeia. N B. Perova Astron. tsir. no. 207:12-13 D '59.

New variable stars SVS 1271-1274. V. P. Fedorovich. Astron. tsir. no. 204.15-16 S '59.

Period of CV Cygni. A. S. Beliakova, V. M. Grigorevskii. Astron tsir. no. 207:13 D '59

Period of DU Cygni. L. A. Korovkina Astron. tsir no. 205 19-20 O '59.

Period of MZ Cygni V. M. Grigorevskii. Astron tsir. no. 205 22-23 O '59.

Phase and amplitude variations of oscillations of the radiation flux passing through a nonadiabatic envelope of a pulsating star [with summary in English]. S. A. Zhevakin. Astron. zhur. 37 no. 3:443-457 My-Je '60.

Results of observations of three semiregular variable stars G. Oliinyk Astron. tsir. no 204:16-17 S '59

Sequence of β Canis Majoris-type stars [with summary in English]. I. M. Kopylov. Izv. Krym. astrofiz. obser. 21: 71-83 '59.

Sixteen variables discovered at the Bamberg Observatory T G Nikulina Astron tsir. no 207 14-16 D '59

Studying the VW Cepheus eclipsing variable. K Kalchaev Trudy Inst. fiz i geofiz AN Turk SSR 5:26-46 '58

TV Cassiopeiae V. G Karetnikov Astron tsir no 205 24-25 O '59

Three stars in the vicinity of SA 19 N B. Perova Astron tsir no 205 24 O '59

Two statistical regularities connected with the Blazhko effect O. E Mandel', V M Grigorevskii Astron tsir no 205 18 O '59

Variable stars in outer regions of M3 cluster N Kurochkin Astron tsir no 205 14-16 O '59

STARVATION

Course of the regenerative processes in the lymphopoietic organs in rabbits following complete deprivation of food. I A. Poberii Uch zap. 2-go MGMI 16 63-80 '58

Histomorphology of the ovary of sexually immature rabbits following parenteral feeding. V. V Makhovko, A V Rodnikov Uch. zap. 2-go MGMI 16 143-153 '58

Histomorphology of the ovary of sexually immature rabbits under normal conditions and in starvation V V Makhovko Uch. zap 2-go MGMI 16:130-142 '58

Mitotic activity of the epithelium of the Lieberkuhn crypts and the cornea in starvation and following administration of nutrient substances. A N. Zorin Uch zap. 2-go MGMI 16 201-216 '58

Morphology of the nucleolus and of some other structures of the nerve cells in starvation and following administration of a protein preparation N M Alekseeva Uch zap 2-go MGI 16:121-129 '58.

Morphology of the sensitive nerve cells of the spinal ganglia and of the motor cells of the marrow of a rabbit in starvation. N. M. Alekseeva Uch. zap. 2-go MGMI 16 114-120 '58.

Peripheral blood and bone marrow following intravenous use of a protein preparation during starvation K A. Agamova. Uch. zap. 2-go MGMI 16 20-29 '58.

Peripheral blood and bone marrow of a growing rabbit in normal conditions and during starvation. R. A Zaitseva. Uch. zap 2-go MGMI 16:30-49 '58.

Peripheral blood and medullary hemopoiesis in healthy rats and in rats with disturbances in nutrition K A. Agamova. Uch. zap. 2-go MGMI 16.7-19 '58.

Peripheral blood and medullary hemopoiesis in starving rabbits following parenteral feeding. R. A Zaitseva. Uch. zap. 2-go MGMI 16 50-62 '58.

Regenerative processes in the lymphopoietic organs of starving rabbits following parenteral feeding of protein I. A. Poberii. Uch. zap 2-go MGMI 16:81-103 '58

Restorative processes in the testicles of sexually immature rabbits following a period of starvation. V. V Makhovko, A. V Rodnikov. Uch. zap. 2-go MGMI 16 154-163 '58.

STATE, THE

V. I. Lenin's development of the theory of the state; based on V. I. Lenin's works of 1917-1920 [with summary in English]. Z. M. Protasenko. Vest. LGU 15 no. 11:49-62 '60.

STATE FARMS

(see also subdivision under Odessa Province, Pavlodar Province, Ukraine; Vladimir Province)

Determining the profitableness of production on state farms. B Krinitskii. Ekon. sel'khoz 31 no. 2:101-106 F '60.

"Fulfill the seven-year plan for the state farm in five years. K. Konstantinov Klub 9 no. 1 8-10 Ja '60

Lenin's ideas on the building of state farms are put into practice. F. Trizno, S. Bykov Ekon. sel'khoz. 31 no. 3:15-22 Mr '60.

New form of wages on a state farm. V. Kalenberga, V. Iliushin. Ekon. sel'khoz. 31 no 3:103-106 Mr '60.

Problem of the profitableness of state farms; from the experience of sugar-beet growing state farms in Kharkov Province. L. Klets'kyi, P. Shepeliev. Ekon. Rad. Ukr. no. 1:82-87 Ja-F '60.

Production conference at the "Kokerino" State Farm, Leningrad Province. A. A. Markin. Vest. LGU 15 no. 11:154-155 '60.

A simplified accounting method for payments to workmen and employees. E. M. Mirochkin. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:38-40 Mr '60.

State-farm like, constantly active... IA. Lysenko. Sov. profsoiuzy 16 no. 8:44-45 Ap '60.

This is only a beginning. D. Starkov Agitator no 13 61 Jl '60

STATE FARMS—ACCOUNTING

(see also subdivision under Bobruysk District)

Accountant of a state farm section. S. B. Borisov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:34-35 Mr '60.

Accounting for feed when cattle is kept untied. F. S. Kalinichenko. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3: 36 Mr '60.

An attainable means for improving state farm accountants' qualifications. V. A. Liambek. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6:55-56 Je '60.

Great possibilities for improving accounting on state farms. N. K. Nikol'skii. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6 8-12 Je '60.

Improving the original accounting and reports of state farm branches. P. T. Topilin. Uchet i fin v kolkhoz. i sovkhoz. 17 no. 6 13-14 Je '60

Korsunov, V. I. [How to read a state farm balance] Kak chitat' balans sovkhoza. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 76 p.

On a method of analyzing production profit on state farms. S. A. Popov. Uchet i fin. v kolkhoz. i sovkhoz 17 no. 6: 47-50 Je '60.

Work of the section accountant is the basis of accounting organization on a state farm. S. IA. Zhukov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:11-15 Mr '60.

STATE FARMS—FINANCE

Easy to understand textbook on state farm finance ("Financing and issuing credit to state farms" by I. Novikov. Reviewed by V. I. Abrosimov). Uchet i fin. v kolkhoz. i sovkhoz 17 no. 6 61-62 Je '60.

STATESMEN

People and events: Rajendra Prasad; Gaetano Martino; Khim Tit; Sophocles Venizelos. Nov. vrem. 18 no. 26: 15,21 Je '60.

STATISTICAL MECHANICS

Higher approximations in a new form of "plasma" expansions A E Glauberman, L A Porfir'eva Izv vys ucheb. zav., fiz no 6 76-84 '59

STATISTICIANS

Decree of the Presidium of the Supreme Soviet of the U. S. S. R. on awarding orders and medals to workers of the Central Statistical Administration and local organs of government statistics of the U. S. S. R. Vest. stat. no 3 3-15 '60.

STATISTICS

Gurevich, S. M. [What are statistics?] Chto takoe statistika. Moskva, Gos. stat. izd-vo, 1954. 62 p. (NIC)

In the Statistical Section of the Moscow House of Scientists. L. M., E S Vest stat no 6:83-85 '60

V. I. Lenin's creation of the theoretical basis of statistics [with summary in English]. I. P. Suslov. Vest. LGU 15 no. 11:5-12 '60.

STATISTICS—CHARTS, TABLES, ETC.

The percentage circle. V. G. Kuz'min. Geod. i kart no 2:63 F '60

STATISTICS—PERIODICALS

In the Statistical Section of the Moscow House of Scientists. Vest. stat. no. 4:77-79 '60.

STATISTICS, MATHEMATICAL see Mathematical statistics

STAVROPOL TERRITORY—AGRICULTURE—STATISTICS

Several problems of agricultural statistics at the present stage. N. TSogoev. Vest. stat. no. 3:24-34 '60.

STAVROPOL TERRITORY—CLUBS

Let us help the village clubs. Klub 9 no. 2:2 F '60.

STAVROPOL TERRITORY—ECONOMIC CONDITIONS

Popul'ko, A. L., and V. V. Mikhailov. [Karachay-Cherkessia] Karachaevo-Cherkesiia. Cherkessk, Karachaevo-Cherkesskoe knizhnoe izd-vo, 1959. 157 p.

STAVROPOL TERRITORY—OIL INDUSTRIES—COSTS

For a constant reduction of costs. V. M. Titenko. Masl.-zhir. prom. 26 no. 3:27-28 Mr '60.

STAVROPOL TERRITORY—PENSIONS

Old age that is provided for. Agitator no 11 33 Je '60.

STAVROPOL TERRITORY—SILT

Origin of the sand-silt band of the Khadum horizon in Stavropol Territory. G. T. IUdin, IU. A. Sudarikov. Gaz. prom. 5 no. 6:1-6 Je '60.

STAVROPOL TERRITORY—STATISTICS

Stavropol'skiy kray. Statisticheskoe upravlenie. [Economy of Stavropol Territory, a statistical manual] Narodnoe khoziaistvo Stavropol'skogo kraia; statisticheskii sbornik. Krasnodar, Gosstatizdat, 1959. 310 p.

STEAM

Some methods for reducing the water content of steam. A. D. Mezheritskii. Energomashinostroenie 6 no. 3: 30-31, 46 Mr '60.

Supplying steam to petroleum refineries. I. Z. Makinskii, P. P. Simonov. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2:87-94 '60.

STEAM, SUPERHEATED

Studying the behavior of boric acid in superheated steam. D. G. TSkhvirashvili, D. P. Nebieridze. Soob. AN Gruz. SSR 23 no. 6.695-698 D '59.

STEAM-BOILER INSPECTION see Boiler inspection

Preventing the "oiling" of boilers of steam engines equipped with surface condensers L. M. Gidon. Energetik 8 no 2·11-13 F '60

STEAM HEATING

Economic comparison of steam and electrode heating of large slag concrete blocks A. M. Il'evskii Trudy RISI no.15 55-62 '58.

Heat emission by finned heating units in steam-heating systems N N Kasalainen Vod i san tekh no 4 10-12 Ap '60.

STEAM POWER PLANTS
(see also subdivision under Burlington, N. J)

Laguntsov, I. N , ed [Operational reliability of metal in steam power plants, collection of articles] Ekspluatatsionnaia nadezhnost' metalla parosilovykh ustanovok, sbornik statei Moskva, Gos energ izd-vo, 1959 126 p.

Rogovin, N. A. [Advanced methods in the building of steam power plants] Peredovye metody stroitel'stva teplovykh elektrostantsii. Moskva, Orgenergostroi, 1958. 53 p. (Iz opyta energeticheskogo stroitel'stva) [MICROFILM]

STEAM POWER PLANTS—ELECTROMECHANICAL ANALOGIES

Semigraphical method for constructing the high-frequency branch of amplitude-phase characteristics of thermal power installations. G. P. Pletnev Izv vys. ucheb zav., energ. 3 no. 6 127-129 Je '60.

STEAM POWER PLANTS—EQUIPMENT AND SUPPLIES

Orgres, trust, Moscow. [Accessories for high and ultrahigh-pressure electric power stations] Armatura dlia elektrostantsii vysokogo i sverkhvysokogo davleniia Pod red A V Ratnera Moskva, Gos energ. izd-vo 1960 174 p. (Energetika za rubezhom)

STEAM TURBINES
(see also subdivision under Balakhna)

Calculating the optimum location for the feeding pump in the layout for regenerative heating of feed water. E A. Kin. Izv. vys. ucheb. zav.; energ. 3 no 5:90-98 My '60.

Effect of the turning of the rotor on the results of measurements of gaps in the blading of a turbine. I. N. Basukinskii. Izv. vys. ucheb. zav., energ. 3 no. 5·164-166 My '60.

Efficient arrangement of cycles of condensation steam turbine plants. A. I. Andriushenko. Izv vys. ucheb. zav.; energ. 3 no. 6:67-72 Je '60.

Efficient systems of steam distribution in steam turbines. L. N. Reshetov, I P. Sporysh. Izv vys. ucheb. zav , mashinostr. no. 7:106-116 '59.

Generalized equation for summary flow through a nozzle row. A. M. Topunov. Izv. vys. ucheb. zav., energ. 3 no. 4:71-81 Ap '60.

Investment casting of segments of the nozzle apparatus for the BPT-50 steam turbine S. E. Libman and others. Energomashinostroenie 6 no. 3·35-37 Mr '60.

The last bl de of a turbine. L. A. Shubenko-Shubin. Izobr. i rats. no. 3·3-6 Mr '60.

Modernization of steam turbines. V. I. Kislyi. Energetik 8 no. 3 34-38 Mr '60.

New design of diaphragms for low pressure steam turbines. R. Shevalski, B. Vechorek. Energomashinostroenie 6 no. 3 32-35 Mr '60.

Samoilovich, G S. [Present-day steam turbines] Sovremennye parovye turbiny. Moskva, Gos. energ. izd-vo, 1960 127 p. (Biblioteka teplotekhnika, no 7)

Simplifying the thermal circuit of the evaporating installation of high-pressure turbines. G. D. Bukhman. Energetik 8 no. 3:13-14 Mr '60.

STEAM TURBINES—AERODYNAMICS

Experimental study of the disturbance of the cylindrical form of the flow in a turbine stage with cylindrical walls. M. E. Levina, P. A. Romanenko. Izv. vys. ucheb. zav., energ. 3 no. 4 64-70 Ap '60.

STEAM TURBINES—BLADES

Comments on D. I. Morozov's article "Improvement of the profile of long vanes in steam turbines." IU. I. Pogorelov, G. A. Sokolovskii. Energomashinostroenie 6 no. 3.44-45 Mr '60

STEAM TURBINES—TESTING

Blanter, M. S. [To help the technician in steam turbine tests] V pomoshch' nabliudateliu pri ispytanii parovykh turbin. Moskva, Gos. energ. izd-vo, 1959. 55 p.

STEAMPIPES

Effect of the initial ellipticity of the cross section on the bending of a curved thin-walled pipe. D. L. Kostovetskii. Energomashinostroenie 6 no. 3.23-27 Mr '60.

Flange joints for pipes with high steam parameters. D. A. Fedorovich. Energomashinostroenie 6 no. 3: 38-40 Mr '60.

Insulation for high temperature steam. B. A. Maiants. Energokhoz. za rub. no. 2 41-42 Mr-Ap '60.

Measures for the prevention of damages to high-pressure steam supply lines. A. IA. Blinov. Energetik 8 no. 3: 9-10 Mr '60.

STEEL—BRITTLENESS

Effect of industrial inhibitors of acid corrosion on the hydrogen embrittlement of steel. S A Balezin, I. V Nikol'skii. Izv. vys. ucheb zav., chern. met. no 5 159-162 '60.

STEEL—CLASSIFICATION

Developing a system of numerical specifications of brands of ferrous metals. M. S. Aronovich, A. S. TSukublin. Standartizatsiia 24 no. 3·22-31 Mr '60.

Technical specifications for new kinds of ferrous metallurgy products. D. A. Smoliarenko, N. V. Matiushina, A. S. Kaplan. Standartizatsiia 24 no. 3·31-35 Mr '60.

STEEL—CORROSION

Electrochemical effect of a lacquer paint coating on the local corrosion of steel in sea water. V. F. Negreev, A. M. Kiazimov. Azerb khim. zhur. no. 1:65-74 '59.

Evaluating the effect of the lubricant on the pitting failure of steel. G. S. Krivoshein. Zav. lab 26 no. 3 375-377 '60

New articles on the corrosion and protection of steels. G. L Shvarts, M M Kristal' Khim mash. no. 2 47-10 Mr-Ap '60.

Particular features of steel corrosion in crevices. R R. Salem, E. M Zaretskii, I IA. Klinov Khim mash. no. 2 30-33 Mr-Ap '60.

Use of the electric resistance method for investigating the corrosion and destruction of steel at high temperatures E. A. Kovalev Zav lab 26 no 3·296-298 '60

STEEL—ELECTROMETALLURGY

Investigating kinetics and the mechanism of oxidation of additives to the molten iron on the basis of critical concentration concepts. E Dun, S. I. Filippov. Izv. vys. ucheb. zav.; chern. met. no. 5:28-38 '60.

Sulfur and phosphorus removal from acid steel smelting electric furnaces V I Ivanov Metallurg 5 no 3 8-9 Mr '60

Use of molten pig iron in arc steel smelting furnaces [from "Iron and Steel" no 6, 1959] Z V Klochkova Stal' 20 no 3 228-229 Mr '60

STEEL—ELECTROMETALLURGY—BIBLIOGRAPHY
see Bibliography—Steel—Electrometallurgy

STEEL—FATIGUE

Strength of certain carbon steels. S. A. Golovin. Izv. vys. ucheb. zav., chern. met no. 5·146-149 '60.

STEEL—HARDENING

Investigating the effect of the hardening of hole edges on the durability of high-strength steels. G. A. Deriagin. Trudy Sem. po kach. poverkh no. 4·259-265 '59.

STEEL—HEAT TREATMENT

Continuous production line for the heat treatment of elastic washers. V N Gusev. Mashinostroitel' no 4 13-15 Ap '60.

Increasing the durability of machinery. K. Starodubov. Nauka i zhyttia 10 no. 1:13 Ja '60.

Use of the electric resistance method for investigating the corrosion and destruction of steel at high temperatures E. A. Kovalev Zav lab 26 no 3·296-298 '60

STEEL—MAGNETIC PROPERTIES

Composition of specific losses and the magnetic permeability of electrical steel alloyed with phosphorus. S. I. Doroshek, V V Druzhinin. Fiz. met. i metalloved. 8 no. 6 832-835 D '59

Crystallographic texture and the anisotropy of magnetic properties in hot-rolled electrical steel. V. V. Druzhinin, G. V. Ignatova. Fiz. met. i metalloved. 9 no. 3· 353-357 Mr '60.

STEEL—METALLOGRAPHY

Apparatus for the direct electrolytic polishing and etching of microsections on parts. N. N. Popova, V. A. Malyshenko. Zav. lab. 26 no. 3·367-368 '60.

Autocatalytic effect in martensite transformations. O. P. Maksimova, E. I. Estrin. Fiz. met. i metalloved. 9 no. 3:426-436 Mr '60.

Changes in surface layers of steel caused by abrasive wear. G. M. Zamoruev, A. G. Shchulepnikova. Izv. vys. ucheb. zav.; mashinostr. no. 7:45-50 '59.

Controversial opinions formed on the carbide phase formation during the tempering of carbon steel. B. A. Apaev. Fiz. met. i metalloved. 9 no. 3·400-414 Mr '60.

Destruction of martensite crystals under the simultaneous effect of external tensile and compressive stresses. Alois Mashin Fiz. met i metalloved. 8 no. 6·908-914 D '59.

Effect of overheating on the properties of steel. N. N. Lipchin, IU. A. Sobolev. Izv. vys. ucheb. zav., chern. met. no 5 135-141 '60.

Effect of the arrangement of fibers on the physical state of the surface layers of heat-treated ShKh-15 steel tested by rolling friction [with summary in English]. B. D. Hrozin, T M. Holovins'ka. Dop. AN URSR no. 2: 164-167 '60

Entin, R. I. [Austenite transformations in steel] Prevrashcheniia austenita v stali. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 252 p.

N. A Podosenova. Trudy Sem. po kach. poverkh. no. 4 142-157 '59.

Interrelation of elements of the fine crystal structure and the plasticity of steel at high temperatures. TS. N. Ratalovich. Izv. vys. ucheb. zav.; chern. met. no. 5·81-84 '60.

New reagent for metallographic sections. V. IA. Savenkov Zav. lab. 26 no. 3 371-372 '60.

Phase transformations during the mechanical testing of ordinary carbon steel. B. A. Apaev, IU. A. Sysuev. Izv. vys. ucheb. zav., chern. met. no. 5:91-92 '60.

Possibility of austenite formation without diffusion during the heating of steel. V. D. Sadovskii, B. K. Sokolov. Fiz. met. i metalloved. 9 no. 3:463-465 Mr '60.

Preparing impressions for electron microscopic examination. N. S. Alferova, A. I. Rizol', V. P. Konovalov Zav lab. 26 no 3·312-313 '60

Relation of cracks in cold-deformed low-carbon steel to microhardness and residual stresses of the second type D. A. Sarkisian. Izv. AN Arm. SSR. Ser. tekh. nauk 12 no. 6:29-36 '59.

Stress relaxation during martensite transformations of residual austenite. V. IA. Zubov, S. V. Grachev, IA. A. Pesin. Izv. vys. ucheb. zav , chern. met. no. 5 115-120 '60.

Surface tension at the austenite-ferrite boundary. I. V. Salli. Izv. vys. ucheb. zav., chern. met. no. 5·106-107 '60

Transformation of martensite into austenite without diffusion. V. N. L'nianoi, I. V. Salli. Fiz. met. i metalloved. 9 no. 3·460-463 Mr '60.

Use of X-ray spectroscopy in determining inclusions in steel. IU. P. Kurdinovskii. Trudy MATI no. 41 54-57 '59.

X-ray investigation of the surface layer in grinding tempered eutectoid steel. L. I. Mirkin. Fiz. met. i metalloved. 9 no. 3:459-460 Mr '60.

X-ray method of determining residual austenite by means of a gradual softening of reference lines. R. A. Bruslovskii. Met. i metalloved. no. 7:34-46 '59.

STEEL—METALLURGY

Contribution by metallurgists to the success of the seven-year plan IA L. Granovskii Metallurg 5 no 3 30-37 Mr '60

Let us fulfill the obligation we undertook Metallurg 5 no 3 1-2 Mr '60.

Oxidation of the additives to molten metal in the steelmaking process. Report No. 1. V. I. IAvoiskii, A. F. Vishkarev. Izv. vys. ucheb. zav., chern. met. no. 5: 39-48 '60.

"Oxygen in ferrous metallurgy" by A V Leskov Book review Metallurg 5 no. 3 38-40 Mr '60

Sequence of crystallization of the nonmetallic oxide and sulfide inclusions in steel. A I. Zagiarskii Trudy Inst met no. 5:43-49 '60.

Tasks for improving the quality of electrical steels and alloys. A. M. Samarin. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 3:117-120 My-Je '60.

Use of diluting admixtures to reduce slag impurities in rimmed steel R. Z Ulimelukh, V A Mochkovskii, E S Shliakhovetskii. Stal' 20 no. 3 219-220 Mr '60.

Using titanium-containing wastes for steel deoxidation A. N. Vasil'ev, S. I Bogachev Metallurg 5 no. 3 8-6 Mr '60.

STEEL—PRICES

Main problems in the establishment of wholesale prices for ferrous metals G N. Khar'kovtsev. Stal' 20 no 3 264-269 Mr '60

STEEL—STANDARDS

Readers' letters. Standartizatsiia 24 no. 3:41 Mr '60.

STEEL—TESTING

Compression treatment of two-layer sheet material. B N. Shevelkin. Khim. mash no 2:33-36 Mr-Ap '60

Effect of underloading and successive overloadings on the fatigue strength of steels. V. I. Beliaev. Mash. Bel. no. 6:94-110 '59.

Method of finishing the abrasive surfaces of discs. M. A. Babichev. Zav. lab. 26 no. 3:337-340 '60.

Making use of results of mechanical testings to evaluate the process of making and pouring of steel. A E. Khlebnikov. Trudy Inst met. no. 5:36-42 '60.

Relationship between the yield point and yield strength of the high-strength pipe steel. B. P. Kolesnik, V. M. IAnkovskii. Standartizatsiia 24 no. 3:19-20 Mr '60.

STEEL—WELDING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Welding joints of reinforcements of reinforced concrete construction elements] Svarka stykov armatury zhelezobetonnykh konstruktsii. Moskva, 1959. 27 p.

Method of quantitative analysis of the tendency of weld joints to form cold cracks B. A. Kolodnaia Svar proizv. no. 2 12-15 F '60.

Microstructure and strength of weld joints in pressure welding of multilayer steels E I. Astrov. Svar proizv no 2·21-24 F '60

STEEL, STAINLESS

Cutting force and speed in machining stainless steel. N. P. Golubov. Stan. i instr. 31 no. 3:24 Mr '60.

Kinetics of the scale removal from a ribbon made of 1X18H9T stainless steel in solutions of nitric acid A I Malantsev. Zhur prikl khim 33 no 3 674-685 Mr '60.

STEEL, STAINLESS—CORROSION

Use of curves of charging for investigating the phenomena of passivity and the tendency of stainless steels to pitting corrosion V. P. Maksimchuk, I. L. Rozenfel'd Zav lab 26 no 3:288-290 '60

STEEL, STAINLESS—METALLOGRAPHY

Characteristics of the dispersed phase in stainless chromium-nickel-molybdenum-niobium steel. N. P. Agapova, F. P. Butra, S. N. Votinov. Fiz. met. i metalloved. 9 no. 3:422-425 Mr '60.

STEEL, STRUCTURAL

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit i stroit. materialam.

Sbornik 5. [Making and assembling steel construction elements] Montazh i izgotovlenie stal'nykh konstruktsii.

No. 5. [Making steel construction elements] Izgotovlenie stroitel'nykh stal'nykh konstruktsii. 1960. 54 p.

STEEL, STRUCTURAL—STANDARDS

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov [Selection of bent steel shapes] Profili gnutye stal'nye, sortament. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1960. 71 p. (Gosudarstvennye standarty SSSR)

STEEL ALLOYS

Eminger, Zdenek, and Karol Weber. [Making special casting, translated from Czech by A. A. Zhukov] Proizvodstvo otlivok iz spetsial'nykh stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 138 p., illus.

STEEL ALLOYS—HEAT TREATMENT

Effect of additional stabilization during the annealing of internally stressed austenite. O. P. Maksimova, S. IA. Seredenko, S. I. Estrin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:57-65 My-Je '60.

STEEL ALLOYS—METALLOGRAPHY

Electronographic investigations of carbide formation in alloyed steels. S. S. D'iachenko, I. A. Vasis, N. A. Kharchenko. Fiz. met. i metalloved. 9 no. 3:441-446 Mr '60.

Microscopic method of determining decarbonization in tool steels IU. A Geller, M. N. Fadiushina Zav. lab. 26 no 3:307-310 '60.

STEEL ALLOYS—METALLURGY

Effect of deoxidation by a complex alloy of manganese silicon and aluminum on the content and composition of oxide inclusions in steel IU. T. Foryst, V. A. Mchedlishvili, A. M Samarin. Trudy Inst med. no. 5 22-35 '60.

Production of low-alloy 19G and 14KhGS steels without reduction by silicon in the furnace [with summary in English] I M Leikin, M P Sabiev, V A Zhidkov Stal' 20 no 3 216-219 Mr '60

STEEL ALLOYS—TESTING

Effect of temperature on changes in mechanical properties and the deformation of alloy steels. N. A. Strukov. Mash. Bel. no. 6:63-77 '59.

Method of investigating the influence of tempering hardness on the mechanical properties of alloyed steels. L. P. Kopp. Zap. Inb. 26 no. 3,310-312 '60.

STEEL CASTINGS

Eminger, Zdenek, and Karol Weber. [Making special casting, translated from Czech by A. A. Zhukov] Proizvodstvo otlivok iz spetsial'nykh stalei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 138 p., illus.

STEEL INDUSTRY

(see also subdivision under Kolpino, Leningrad Province; Lipetsk, Magnitogorsk, Moscow, Stalino, Tula Province)

Daily routine of a metallurgist M Pertsev Agitator no 13 23-25 Je '60

STEEL INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Zhdanov)

From big talk to big deeds. Okhr. truda i sots. strakh. 3 no 4:58-61 Ap '60.

STEEL INDUSTRY—PRODUCTION STANDARDS

Regulation of wages in steel industry enterprises. S. Shurko. Biul. nauch. inform.: trud i zar. plata no. 10 8-11 '59.

Technological progress and the establishment of work norms in ferrous metallurgy. I Priimak, E. Grudskii, D Meerzon Sots trud 5 no. 1:77-87 Ja '60

STEEL INDUSTRY—QUALITY CONTROL

Making use of results of mechanical testings to evaluate the process of making and pouring of steel A E Khlebnikov. Trudy Inst met. no 5:36-42 '60

Tasks for improving the quality of electrical steels and alloys. A. M. Samarin Izv. AN SSSR. Otd. tekh. nauk. Met. i topl no. 3:117-120 My-Je '60.

STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Chelyabinsk Province, Moscow

STEEL INGOTS

Formation of internal defects in square ingots in the continuous steel casting process [with summary in English] V S Rutes, N A Nikolaev, V I Akhtyrskii. Stal' 20 no 3 212-215 Mr '60

Secondary macrostructure as a method of studying the kinetics of steel ingot crystallization A A. Popov and others. Met. i metalloved. no. 2:3-15 '59.

Studying scab formation in ingots with use of radioactive isotopes [summary in English] T. M Sani, V A Nosov, I G. Bolkhovskikh Stal' 20 no 3 208-211 Mr '60

STEEL INGOTS—COOLING

Cooling processes for cast, high-silicon steel ingots [with summary in English] N. M IApotyshkin Stal' 20 no 3 259-263 Mr '60

STEEL PIPE see Pipe, Steel

STEELWORKS see subdivision under Poland

STEFAN, SAINT, BP , 1340? - 1396

Epifanii, monk, 15th cent. [Life of St. Stefan, Bishop of Perm] Zhitie sv. Stefana episkopa Permskogo. 'S-Gravenhage, Mouton, 1959. 112 p. (Apophoreta Slavica, no. 2)

(MH)

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

Boiko, M. F. [Linguistic skill in M. Stel'makh's prose] Movna maisternist' prozy M. Stel'makha. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 8, no. 13)

STEPANAKERT—SILK MANUFACTURE

Strength of the collective S Shakarian Part. zhizn' no 13 36-39 Jl '60

STERLITAMAK—WELLS

Constructing water wells by the method of driving. F. Urmanov. Zhil.-kom. khoz. 10 no. 3:29-30 '60.

STERILITY IN ANIMALS

[Increasing the fecundity of farm animals] Povyshenie plodovitosti sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 438 p.

(DA)

STERNUM—DISEASES

Case of giant malignant enchondroma of the sternum. I. P. Kiseleva, D. P. Pozdniakov. Vest. rent. i rad. 35 no. 1: 67-68 Ja-F '60

STEROIDS

Change in the neutral 17-ketosteroids and in the sugar metabolism in tumors of the adrenal cortex. P A. Sazhenin Vrach delo no. 3:315-317 Mr '60.

Microbes and hormones. V. K. Eroshin. Priroda no. 6: 90-92 Je '60.

STIL, ANDRE

Our books ("We shall love one another tomorrow" by Andre Stil, "Century of struggle, the women's rights movement in the United States" [both in French] by Eleanor Flexner. Book review). Zhen. mira no 2 22 '60.

STOCK AND STOCKBREEDING

(see also subdivision under Cherkassy District, Gorkiy Province, Ispulay District, Kazakhstan, Kurush, Latvia; North Kazakhstan Province, Pavlodar Province, Ryazan Province; Tambov Province, Vinnitsa Province, Vinogradov District, Transcarpathia)

Biological features of the propagation of livestock. E. F. Polikarpova. Trudy Inst. morf. zhiv. no. 31:26-34 '60

Burlakov, N. M. [Urgent task of animal husbandry, sources for increasing the output of beef] Nasushchnaia zadacha zhivotnovodstva, istochniki uvelicheniia proizvodstva goviadiny. Moskva, Izd-vo "Sovetskaia Rossiia," 1959. 86 p.

(DA)

Catch up with and supersede the U. S. A. in the per capita production of livestock products Ekon. sel'khoz 31 no 2:3-11 F '60.

Controlling barrenness in cattle and providing good growing conditions for the young constitute the most important tasks of science and practice in animal husbandry. T. Bagdasariants Vest sel'khoz. nauki 5 no 2 147 F '60

How we can increase meat production. K. Sviechyn Nauka i zhyttia 10 no 2 29-31 F '60

Platonov, G. F. [Over-all mechanization is the foundation of success] Kompleksnaia mekhanizatsiia - osnova uspekha Moskva, Izd-vo "Sovetskaia Rossiia," 1960 75 p.

Question of the origin of breed and production characteristics in the individual development of livestock S. N. Bogoliubskii Trudy Inst. morf. zhiv. no. 31 7-15 '60.

Somiinich, N. G. [Mechanization of stock farms] Mekhanizatsiia zhivotnovodcheskikh ferm. Izd. 3., perer. i dop. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 543 p.

(DA)

Stockbreeding of the U. S S R. in 1959, on the results of the all-Union census of cattle A. Brianskii, A. Lutsenko. Vest. stat. no. 6 6-17 '60

Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni Lenina [Michurin's teaching in the people's service, collection of articles] Michurinskoe uchenie na sluzhbe narodu, sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry

No 3 1955 238 p

(DA)

STOCK AND STOCKBREEDING—ACCOUNTING

Zhuikov, G. G. [Accounting on collective livestock farms] Uchet i kontrol' na kolkhoznykh zhivotnovodcheskikh fermakh. [Moskva] Mosk. rabochii, 1959. 115 p.

(DA)

STOCK AND STOCKBREEDING—STUDY AND TEACHING

School of advanced practices in the club. E. Vozmilov. Kul't.-pros. rab. 21 no. 3 29-30 Mr '60.

STOMACH

Invagination of the jejunum into the stomach through a gastroenterostomic opening IU. N. Murashov Zdrav. Belor. 3 no. 10:69-70 O '57

Some mechanisms of the evacuatory activity of the stomach in dogs under conditions of high external temperature and solar radiation. G. F Korot'ko Med zhur. Uzb. no 7:46-50 Jl '59

Stomach function in thyrotoxicosis. Sh. Sh. Il'iasov. Med. zhur. Uzb. no. 10:20-23 O '58.

STOMACH—BLOOD SUPPLY

Morphological basis of the gastroscopic picture in experimental hemodynamic disorders of the gastric wall. V. V. Goncharenko. Izv. AN Arm. SSR. Biol. nauki 12 no. 12:33-38 D '59.

STOMACH—CANCER

Erythrocyte sedimentation rate in patients with stomach and pulmonary cancer V A Germanov. Vrach delo no 1:93 '60.

STOMACH—DISEASES

Case of spontaneous rupture of the stomach. E. A. Kazantsev. Khirurgiia 35 no. 12:87-88 D '59.

Profuse gastric hemorrhages as shown by data of the surgical department of a clinical hospital for emergency cases over a ten-year period. S M Agzamkhodzhaev Med zhur Uzb no. 8/9:42-46 Ag-S '58.

Symptomatology of stomach diseases in Abu Ali Ibn Sina A. A. Askarov, A. A. Finkel' Med zhur Uzb. no. 8/9: 95-98 Ag-S '58

Therapeutic value of vitamin B_1 and nicotinic acid in motor disorders of the stomach IA I. Tomashevskii. Vrach delo no 4 433-434 Ap '60

STOMACH—EXPLORATION

Appliance for double contrast in the examination of the stomach. I. A. Sanpiter. Vest. rent. i rad. 35 no. 1:55 Ja-F '60.

Color gastrophotography. P A Kanishchev Vrach delo no 4 413 Ap '60

STOMACH—INFLAMMATION

A decade of experience in the use of gastroscopy for the diagnosis of chronic gastritis, and gastric and duodenal ulcer. A. N Siasev Vrach delo no 4 435 Ap '60.

Gastritis simulating cancer of the cardial segment of the stomach [with summary in English]. T. F. Rostovtseva. Vest. rent. i rad. 35 no. 1:6-8 Ja-F '60.

STOMACH—RADIOGRAPHY

Peculiarities of X-ray examination in ulcer of the upper portion of the stomach. A. I. Shnirel'man. Vest. rent. i rad. 35 no. 1:59-60 Ja-F '60.

X-ray diagnosis of gastric burns [with summary in English]. IU. S. Khomiakov, IU. L Kagan. Vest. rent. i rad. 35 no. 1 3-6 Ja-F '60.

STOMACH—SECRETIONS

Anemias in hypochilia and achylia. T. M. Efendiev, Kh. F. Khammadova. Med. zhur. Uzb. no. 11:33 N '58.

Peculiarities of the secretory function of the stomach in patients following chemical burns of the internal organs. IA. P. Boikov Vrach. delo no. 3:319 Mr '60.

Secretory function of the abomasum in Karakul albinoid lambs. Kh. Sh. Khairutdinov. Dokl. AN Uz. SSR no. 11:61-64 '56.

STOMACH—SURGERY

(see also subdivision under Urussu District)

Blood proteins in gastric and duodenal ulcer before and following stomach resection K S Tikhonov Vrach delo no 4 415-417 Ap '60

Changes in the oxygen saturation of the arterial blood during stomach resection. S. R. Levaniuk. Vrach. delo no. 2·191-192 F '60.

Hemopoiesis following stomach resection. E V Mazurik. Vrach delo no 4 421-422 Ap '60

Replacement of the stomach with the jejunum in resection [with summary in English]. IU. I. IUdaev Khirurgiia 35 no. 12:70-73 D '59.

Steatorrhea following resection of the stomach with and without exclusion of the duodenum [with summary in English]. A. E. Zakharov. Khirurgiia 35 no. 12:68-70 D '59.

Surgical tactics in nonulcerative gastric hemorrhages under district hospital conditions [with summary in English]. E. M. Borovyi. Khirurgiia 35 no. 12 56-58 D '59.

STOMACH—TUBERCULOSIS

Tuberculosis of the stomach. A. I. Kavtreva. Khirurgiia 35 no. 12 98-99 D '59.

Tuberculosis of the stomach. I. M. Vishnevskii, A. D. Slobozhankin. Khirurgiia 35 no. 12·97-98 D '59.

STOMACH—WOUNDS AND INJURIES

Subcutaneous avulsion of the pyloric section of the stomach with multiplication of the upper horizontal part of the duodenum. S. M IAnovskii, T. F. Dzhamalova. Med zhur. Uzb no. 6, 91 Je '58.

X-ray diagnosis of gastric burns [with summary in English]. IU. S. Khomiakov, IU. L. Kagan Vest. rent. i rad. 35 no. 1:3-6 Ja-F '60.

STOMATOLOGY see subdivision under Kazan

STONE, CAST

Stone casting for industrial use V. A. Dorofeev, I E. Lipovskii Metallurg 5 no 3 35-36 Mr '60

STONE, CRUSHED

Improving properties of rock materials of various strength. B. I. Kurdenko. Avt. dor. 23 no. 6:22-23 Je '60.

Using crushed-stone wastes. A. G. Zakharov. Avt. dor. 23 no. 6:23 Je '60.

STONE, CRUSHED—TRANSPORTATION

Determining parameters of the hydraulic transportation of crushed stone and gravel under pressure. V. V. Trainis. Gidr. stroi. 29 no. 3, 40-41 Mr '60.

STONE AGE

(see also subdivision under Churuk-Su Valley; Dniester Valley, Japan; Ukraine)

Beregovaia, N. A. [Paleolithic sites of the U. S. S. R.] Paleoliticheskie mestonakhozhdeniia SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 216 p. (Materialy i issledovaniia po arkheologii SSSR, no. 81)

STONE-CARVING see Sculpture

STONE FLIES see subdivision under Caucasus

STONECUTTING

Some problems in cutting natural stone [in Armenian with summary in Russian]. K. S. Vardanian. Izv. AN Arm. SSR. Ser. tekh. nauk 12 no. 6 49-52 '59.

STORE FIXTURES

Rotating stand for confectionery. L. Samsonov. Sov. torg. 33 no. 3:55-56 Mr '60.

STORAGE BATTERIES

ABN-72 storage battery is operating for a second term. S. M. Vartanov. Avtom., telem. i sviaz' 4 no. 2:39-40 F '60.

These questions must receive attention. N. D. Burtsev. Avtom., telem. i sviaz' 4 no. 2:44 F '60.

STORAGE TUBES

Calculation of pulse duration of a time-delay tube Z. P Vazhenina, N. A Suslov Radiotekhnika 15 no 3 75-77 Mr '60

STORES, RETAIL—LIGHTING see subdivision under Moscow

STORMS

(see also subdivision under Caspian Sea; Chernovtsy)

Kolobkov, N. V., and V. A. Mezentsev. [Storm phenomena in the atmosphere] Groznye iavleniia atmosfery Moskva, Gos. izd-vo geogr. lit-ry, 1951. 149 p.

STOVES, GAS

All-purpose kitchen stove. I. Lur'e. Zhil.-kom. khoz. 10 no. 3:31 '60.

STRAIN GAUGES

Akademiia kommunal'nogo khoziaistva. [Using the LNII AKKh strain-measuring devices in investigating vibratory machines and installations of urban transportation; scientific information] Primenenie tenzometricheskoi apparatury konstruktsii LNII AKKh v issledovaniiakh vibratsionnykh mashin i sooruzhenii gorodskogo transporta; nauchnoe-soobshchenie. [Pushkin] 1959. 37 p.

Alloys with high ohmic resistance for the manufacture of strain gauges. O. P. Eliutin. Sbor. trud. TSNIICHM no. 22:193-204 '59.

Determining compression forces on a cranked lever press. A. P. Larin, S. A. Losev, V. G. Sloushch. Ogneupory 25 no. 1:14-16 '60

Device for winding wire strain gauge with various bases. S. A. Kravchuk. Mash. Bel. no. 6:197-200 '59.

Five-channel electronic strain gauge unit. V. M. Akopian E. M. Es'kov. Izv. vys ucheb. zav., mashinostr. no. 7: 55-59 '59.

Optical strain gauge. D. F. Ivchenko, P. I. Kotov. Izv. vys. ucheb. zav., mashinostr. no. 7:51-54 '59.

Protecting wire tensometers from water at higher temperatures. A. F. Pemchul, A. D. Volkov. Zav. lab. 26 no. 3 379-380 '60.

Using resistance strain gauges for measuring stresses and deformations caused by high pressures Z. I. Stakhovskaia. Prib. i tekh. eksp no 1 122-125 Ja-F '60.

STRAINS AND STRESSES

Akademiia stroitel'stva i arkhitektury SSSR Institut betona i zhelezobetona, Perovo. [Instructions for calculating statically indeterminate reinforced concrete construction elements taking into account the redistribution of stresses] Instruktsiia po raschetu staticheskii neopredelimykh zhelezobetonnykh konstruktsii s uchetom pereraspredeleniia usilii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 109 p.

All-purpose machine for investigating relaxation. I. P. Baushis. Zav. lab. 26 no. 3 372-373 '60.

Analogy between the temperature problem and the action of three-dimensional forces. S. D. Kliachko. Izv. AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 3·175-176 My-Je '60.

Causes of crack formation in the cast bolsters of car trucks. L. A. Shadur, N. N. In'shakov. Vest. TSNII MPS 19 no. 2:34-39 '60.

Contact damages of rail heads. L. M. Shkol'nik. Vest. TSNII MPS 19 no. 2 42-45 '60.

Determining stresses by the method of brittle coats. G. I. Tyzhnov. Zav. lab. 26 no. 4:487-488 '60.

Determining stresses due to pressing into a plate some circular washers with variable tightness. A. G. Ugodchikov. Inzh. sbor. 27:157-161 '60.

Determining the bearing capacity of a concrete core placed in a solid steel yoke. IA. P. Semenenko. Bet. i zhel.-bet. no. 3 125-129 Mr '60.

Device for testing materials under composite stress. IU. N. Rabotnov, B. P. Sokolov. Zav. lab. 26 no. 3. 374-375 '60.

Distribution of seismic loads on walls of frameless buildings IA M Aizenberg Stroi mekh i rasch soor. 2 no 3 9-13 '60

Effect of residual stresses on the dynamic strength of steel bushings D D. Papshev Stan i instr 31 no 4 31-32 Ap '60

Elements with longitudinal reinforcements calculated for compressing axial forces taking into account the creep of concrete S V Poliakov Stroi mekh i rasch soor 2 no 3 5-9 '60.

Experimental determination of stresses in the working parts of mining machinery. B. A. Skorodumov. Ugol' 35 no. 3:38-40 Mr '60.

Experimental investigation of stresses in mine hoisting machine drums. G. A. Dobroborskii. Izv. vys. ucheb. zav.; gor. zhur. no. 1:124-129 '60

Experimental studies of impact deformations and stresses in beams. D. D Akimov-Peretts, N K. Snitko Stroi mekh i rasch. soor 2 no 3 30-34 '60.

Fatigue-strength conditions in case of asymmetric cycles of stresses. L. I. Savel'ev. Vest. mash. 40 no. 3:30-31 Mr '60.

Generalized stability curve in dimensionless coordinate systems. G. K Tatur. Sbor. nauch. trud. Bel. politekh. inst. no. 76:57-62 '59.

Limit shear stress in a layer of a lowland peat deposit during milling. S. A. Sidiakov, S. V. Morozov. Torf. prom. 37 no. 2, 17-21 '60.

Method for determining deflections in circumferentially supported reinforced concrete slabs subjected to short-time loads. A. N. Korolev. Bet. i zhel.-bet. no. 3:138-141 Mr '60.

Methods of determining stresses of the second order and dimensions of mosaic structure blocks. IA. M. Golovchiner. Zav. lab. 26 no. 4·431-444 '60.

One of the causes of hot crack formation. A. N. Mirza. Vest. TSNII MPS 19 no. 2:56-57 '60.

[Polarization optical method for stress analysis; proceedings of the conference of February 13-21, 1958] Poliarizatsionno-opticheskikh metod issledovaniia napriazhenii; trudy konferentsii 13-21 fevralia 1958 goda. [Leningrad] Izd-vo Leningr. univ., 1960. 450 p., illus.

Polarization-optical method of investigating stresses in packing parts. T. L. Lavrent'eva and others. Kauch. i rez. 19 no. 3:37-40 Mr '60.

Redistribution of constant-load stresses due to the creep of concrete. K. P. Dellos. Avt. dor. 23 no. 4:23-25 Ap '60.

Remodeled IP-2 machine for testing relaxation. E. D. Kondrat'ev. Zav. lab. 26 no. 3·373 '60.

Some comments on the Hertz problem. L. Solomon. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 65-71 My-Je '60.

Statistical studies of crane loads A A Bat', B N Koshutin Stroi mekh i rasch soor 2 no 3 1-5 '60

Strength and deformability of high-strength concretes under compression. G. N. Pisanko. Bet. i zhel.-bet. no. 3 131-134 Mr '60.

Stress distribution near the cavities in webs of prestressed reinforced concrete beams G I. Berdichevskii, IU V Dmitriev. Bet. i zhel -bet no 2 90-95 F '60

Stress relaxation during martensite transformations of residual austenite V. IA. Zubov, S V. Grachev, IA A Pesin. Izv. vys. ucheb zav., chern. met. no. 5:115-120 '60.

Stresses and deformation in welding D16T duralumin I. N Artem'eva Svar proizv. no. 2·15-19 F '60

Stresses in a ponderable continuum weakened by elliptic and circular holes. D. I. Sherman. Inzh. sbor. 27· 124-156 '60.

Stresses in the junction area of the bottom with a cylinder subjected to internal pressure. A. I. Margulis. Vest. mash. 40 no. 3:35-37 Mr '60.

Tolmachev, K. Kh. [Controlling stresses in metal bridge span structures] Regulirovanie napriazhenii v metallicheskikh proletnykh stroeniiakh mostov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 114 p.

STRAKHOV, NIKOLAI MIKHAILOVICH, 1900-

Sixtieth birthday of Academician N. M. Strakhov Vest AN SSSR 30 no 6 127 Je '60

STRATFORD-UPON-AVON, ENGLAND—DRAMA FESTIVALS

Festival number one hundred in Stratford. E. S. Teatr 21 no 3 186-187 Mr '60.

The hundredth season of the Shakespeare Memorial Theater. Ossia Trilling. V zashch. mira no. 3:93-96 [illegible] '60

STRATIGRAPHIC GEOLOGY see Geology, Stratigraphic

STRAW

More about the baling of straw. M. M. Hontar'ov. Mekh. sil'. hosp. 11 no. 2:27 F '60.

Tomme, M. F., ed. [Preparation of straw as feeding stuff] Podgotovka solomy k skarmlivaniiu. Izd. 3., ispr. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 61 p.
(DA)

STRAWBERRIES

Strawberries must be washed O. M. Rozina Zdorov'e 6 no 5·31 My '60.

STRAWBERRIES—DISEASES AND PESTS

Virescence of strawberry petals caused by a virus and its spreading [with summaries in English, German and French]. G. M Razviazkina. Vest. sel'khoz nauki 5 no. 2·139-140 F '60

STRAWBERRIES—VARIETIES

(see also subdivision under White Russia)

Some biological characteristics of foreign varieties of strawberries. L. I. Averina. Kons. i ov. prom. 15 no. 4:31-35 Ap '60.

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952

From the history of N. D. Strazhesko's school 1917-1936 L. A. Gel'fand. Mat. po obm. nauch. inform. no 2:17-21 '59.

STREAM MEASUREMENTS—CONGRESSES

International conference on measuring the rate of flow in open channels and waterways. S. B. Bulatov, N. M. Karelin. Izm. tekh. no. 3:59-61 Mr '60.

STREET-CLEANING MACHINERY

All-purpose machine for cleaning sidewalks. I. Ivashkevich. Zhil.-kom. khoz. 10 no. 3:33-34 '60.

STREET LIGHTING

Measurement of the coefficient of glare of street lamps. M. A. Ostrovskii. Svetotekhnika 6 no. 4:26-30 Ap '60

Photoelectron devices for control of street lighting Zh. F. Varbot, B. I. Shestakov. Energetik 8 no 2 3-4 F '60

Saving electric power in street lighting devices. M A Ostrovskii Svetotekhnika 6 no. 3 1-7 Mr '60

STREETCARS see subdivision under Moscow

STREETCARS—BRAKES

Automatic control of speed. A. Zabarnyi. Zhil.-kom. khoz. 10 no. 4:29-31 '60.

STREETCARS—MAINTENANCE AND REPAIR

Provide streetcar and trolley-bus repair stations with an adequate supply of spare parts. G. Liberman. Zhil.-kom. khoz. 10 no. 4:13-14 '60.

STREETS

New norms and technical specifications for planning city streets, roads, and squares. B. Kozlovskii. Zhil.-kom. khoz. 10 no. 4:8-9 '60.

REL'BITSKII, IVAN AFANAS'EVICH, 1828-1900

A. Strel'bitskii, outstanding Russian cartographer. E. Tarkhov. Biul.SNO LGU no.1:101-113 '58.

RENGTH OF MATERIALS

velopment of an elliptic rupture [with summary in English] V V Panasiuk. Prykl. mekh 6 no 1:14-19 '60

fect of boundaries of a body on the development of brittle fracture cracks. G.I.Barenblatt, G.P.Cherepanov. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no 3 79-88 My-Je '60

ethod and the set-up for investigating the process of elasto-plastic deformation under tension and compression S. V. Serensen, P. I. Kotov Zav. lab 26 no 3·332-335 '60

ture of the scale effect of ice. G. M. Bartenev, L. P. TSepkov. Zav lab 26 no 3·330-331 '60

REPTOCOCCUS

athogenicity of filterable forms of streptococcus. I. L. Tydel'skaia. Mat. po obm. nauch inform no 2·155-160 '59.

se of skim milk hydrolysate as a nutrient medium for streptococcus. I. G. Akimov, I. N. Krasnova. Lab delo 6 no. 2 47-50 Mr-Ap '60.

REPTOMYCIN

ermeability of the hematoencephalic barrier following intramuscular use of streptomycin in patients with various nervous diseases. N. D. Kuznetsov. Med. zhur. Uzb. no. 10 10-15 O '58.

se of type KU-2 cationites for the decalcification of streptomycin solutions. E. M. Savitskaia and others. Med. prom. 14 no. 4·13-17 Ap '60

RESS (PHYSIOLOGY)

ress and the general defensive reaction of the body M. F. Merezhinskii Zdrav Belor 6 no 2 11-15 F '60.

RIKES AND LOCKOUTS see subdivision under Japan, Shanghai

RIKES AND LOCKOUTS—AGRICULTURAL LABORERS see subdivision under Costa Rica; Germany

RIKES AND LOCKOUTS—PHARMACISTS see subdivision under Leningrad

RIP MINING

(see also subdivision under Krasnoyarsk Territory; Kuznetsk Basin; Moscow Basin; Tula Basin)

oal losses in open-cut mining of steeply pitching and inclined Kuznetsk Basin seams. IU. P. Samorodov. Izv. vys. ucheb. zav., gor. zhur. no. 1·3-6 '60.

EKG-8" excavator. N. A. Larionov. Nauka i zhizn' 27 no. 2:67 F '60.

resent state and ways of developing dumping operations in open-cut mining. I. I. Russkii. Izv. vys. ucheb. zav.; gor. zhur. no. 1:28-33 '60.

sing rippers for mining thin coal seams in open-pit mines. M. V. Vasil'ev, A. N. Subbotin, N. T. Kochetkov. Ugol' 35 no. 3:15-16 Mr '60.

RIP MINING—PRODUCTION STANDARDS

troduce uniform work norms in open-pit mining work. N. Rabinovich. Sots. trud 4 no. 12:96-98 D '59.

RIP MINING—STANDARDS

Zenkov, L. F. [Technical norms in open-pit iron mines] Tekhnicheskoe normirovanie na zhelezorudnykh kar'erakh. Pod red. A. Kh. Benuni. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 166 p.

ROBOSCOPY

pparatus with pulse light sources. K. E. Monakhov. Usp. nauch. fot 6 200 '59

RONGYLOIDIASIS

linical aspects of strongyloidiasis. A. I Polushkina. Vrach. delo no 4 417 Ap '60.

RONTIUM

rontium and barium content of feed and water and their distribution and metabolism in the animal organism. R. N. Odynets. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1: 119-125 '59.

RONTIUM—ISOTOPES

ffect of stable strontium isotopes on the sheep organism. Odynets and others. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 1:93-117 '59.

ROPHANTHIN—TOXICOLOGY

ase of poisoning from a tincture of Strophanthus with recovery. I. S. Benenson. Med. zhur. Uzb. no 7:62-63 Jl '58.

RUCTURAL FRAMES

esigning three-span frames. A. F. Anishchenko. Sbor. nauch. trud Bel. politekh. inst. no. 76:15-18 '59.

etermining efficient forms of bent profiles for structural frames. Stroi. mekh. i rasch. soor. 2 no. 1:38-42 '60.

Error in the book "Formulas for the design of frames" (letter to the editor) P I Kiselev Vest. mash 40 no 1 31-32 Ap '60

Investigating the strength of multipanel three-dimensional framework [with summary in English] L. N Padun-Luk'ianova. Prykl mekh 6 no 1 76-87 '60

Statistical calculation of flat latticed cylindrical shells. G. I. Pshenichnov. Inzh. sbor. 27·171-178 '60.

Using graphical methods in designing frames P. B Antonevich Sbor nauch trud Bel politekh inst no 76 19-31 '59

Using momental focal relations in designing frames with closed contours K V Solianik-Krassa Stroi mekh i rasch soor 2 no 3 29-30 '60

Using the method of equilibrium in designing multispan and multistage frames for vertical loads. A. A. Kravtsov Sbor nauch trud Bel politekh inst no. 76 3-14 '59

STRUCTURES, THEORY OF

Central Institute of Structural Elements V. N. Nasonov. Izv. ASiA no. 2:163-165 '59.

Elastic plastic stability of a structure with rod-type components. A. A. Il'iushin. Inzh. sbor. 27·87-91 '60.

Method for approximate calculation of three-dimensional structures with a symmetry plane. F. Sh. IUsupov. Izv. VNIIG 60·154-164 '58.

"Studies in the theory of structures" by A A Gvozdev and others Reviewed by A I Vinogradov, N S Rakivnenko. Stroi mekh i rasch soor 2 no 3 51-52 '60

STRYCHNINE

Effectiveness of the use of large doses of strychnine in barbiturate poisoning I. E. Averbukh, N. D. Bulkin, K K. Poppe. Vrach. delo no 3 311-313 Mr '60.

STUDENT ACTIVITIES

(see also subdivision under Japan, Nizhniy Tagil; Yasnaya Polyana)

Brief news. Sred spets. obr. 7 no. 1·64 Ja '60

Experience of drawing primary students into socially useful work. A. P. Demidova. Nach. shkola 28 no. 3· 49-55 Mr '60.

Extracurricular work in Russian secondary schools at the beginning of the 20th century. N. S. Zenchenko. Uch. zap. Ped. inst. Gerts. 193 59-95 '59.

A good means of education ("Club activities and games in the practice of A. S Makarenko" by V N. Terskii. Reviewed by I Mar'enko). Nar. obr. no. 6:114-115 Je '60.

Guide students to useful work Prep. ist v shkole 15 no 1 51-58 Ja-F '60

In a multinational group. N. Tepsi. Prof.-tekh. obr. 17 no. 2:25-26 F '60.

Organizing self-service in technical schools. A. P. Shapovalov, N. P. Beliaev. Sred. spets. obr. 7 no. 1:43-47 Ja '60.

Participation of primary school pupils in socially-useful work. N. I. Frolova. Nach. shkola 28 no. 2 43-48 F '60.

School news. Prof.-tekh. obr. 17 no. 2·32-3 of cover F '60.

Socially useful work in one-group schools. V. E. Kuzina. Nach. shkola 28 no. 4:79-80 Ap '60.

Socially useful work of students in connection with participation of schools in the development of socialism. P. A. Kliuchnikova. Uch. zap. Ped. inst. Gerts. 193. 121-156 '59.

Students' committee in Soviet schools. T. V. Egorova. Uch. zap. Ped. inst. Gerts. 193·3-58 '59.

Students relax. I. Tunkel'. Ogonek 38 no. 5:7 Ja '60.

This will be in the House of Culture. I. Erdenko. Prof.-tekh. obr. 17 no. 2:27 F '60.

Young technicians' contribution to the seven-year plan. S. Ifpchin. IUn. tekh. 4 no. 3;6-12 Mr '60.

STUDENT TEACHING

Kisel'gof, S. I., and L. A. Okrokvertskhova. [Experience in conducting practice teaching at the Leningrad University] Opyt provedeniia pedagogicheskoi praktiki v Leningradskom gosudarstvennom universitete imeni A. A. Zhdanova. Leningrad, Izd-vo LGU, 1959. 72 p.

STUDENT UNIONS see subdivision under Vienna

STUDENTS

(see also subdivision under Lebanon; Spain, Turin)

Students' life. Vsem. stud. nov. 14 no. 2:20-23 F '60.

STUDENTS' SOCIETIES see subdivision under Bukovina

STUNT FLYING

Championship of the world for 1960 in advanced piloting. IA. Forostenko. Kryl. rod. 11 no. 4:30-31 Ap '60.

STUPINO—THEATER

They are ours, from Stupino.... L. Osipova. Ogonek 38 no. 11,21 Mr '60.

STUPOR

Biochemical changes in the blood in reactive stupor. E. B. Miakina. Probl. sud. psikh. 8:325-338 '59.

Case of recurrent reactive stupor. A. M. Barkova. Probl. sud. psikh. 8:236-242 '59.

Investigation of some unconditioned reflexes (orientation and defensive) in reactive stuporous conditions. L. A. Pastushenko. Probl. sud psikh. 8;109-123 '59

STURGEONS

Physiological characteristics of the early postembryonic period in the white sturgeon (Huso huso L) [with summary in English] V. N. Beliaeva. Zool zhur. 39 no. 2 302-304 F '60.

Some results of mass tagging of "nonstandard" young sturgeon with radioactive phosphorus. G S Karzinkin, E V. Soldatova, I. A. Shekhanova. Migr. zhiv. no 1·27-40 '59

STUTTERING see Stammering

STYLE, LITERARY

Concerning the role of the national belles-lettres in the development of the Russian literary language A I. Efimov Vop. iaz 9 no. 2 21-34 Mr-Ap '60

Outstanding study. I. Andronikov. Ogonek 38 no. 12· 20-21 Mr '60.

STYLE IN DRESS see Fashion

STYRENE

Effect of fatty acid salts on the process of styrene polymerization in emulsions [with summary in English] A I IUrzhenko, S S Ivanchov Koll zhur 22 no 1 120-127 Ja-F '60

Emulsion polymerization of styrene in the presence of emulsifiers of various molecular weights [with summary in English] N IA Ivanova, A. I IUrzhenko Koll zhur 22 no 1 37-41 Ja-F '60

Method for speeding up the polymerization of styrene in the manufacture of optical lenses V. I. Vladimirov and others. Plast. massy no 3·71-73 '60.

Preparation and basic properties of styrene and rubber graft copolymers. A. A. Berlin, I. A Khanukaeva. Kauch. i rez. 19 no. 6:20-22 Je '60.

Problems of the emulsion polymerization of styrene with the use of tagged atoms. M. M. Grudinina, E. M. Aleksandrova. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no. 1;176-178 '60.

Production of polystyrene foam with the use of low-boiling saturated hydrocarbons. V. M. Nepyshnevskii, G. M. Sinaiskii. Khim. prom. no. 8;672-674 D '59.

Spectral method for determining the amounts of ethylbenzene present in styrene. A. L. Gol'denberg, A. E. Semenova. Plast. massy no. 3·63-65 '60.

Spectroscopic determination of ethylbenzene in industrial styrene. A. N. Shabadash, N. F. Karitonova. Plast. massy no 3·65 '60.

Thermodynamic study of the interaction between graft copolymers and the solvent [with summary in English]. M. M. Iovleva, P. V. Kozlov, V. A. Kargin. Vysokom. soed. 2 no. 6,937-941 Je '60.

SUBMARINE BOATS

The account is open M Chuprikov Voen znan 36 no 6 20-21 Je '60

Bolgarov, N. P. [Stories about submarines] Rasskazy o podvodnoi lodke. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 230 p.

Bykhovskii, I. A. [Heroic "Pantera"; story of a submarine] Geroicheskaia "Pantera"; istoriia odnoi podvodnoi lodki. [Leningrad] Lenizdat, 1959. 145 p.

The Communists are leading. A. Kedrov. Sov. mor. 20 no. 9·1-2 My '60.

Its name is "Severianka." E. Fedorovskii no. 3;33-37 Mr '60.

Kriuchkov, IU. S. [S
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nauchnykh zr

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marien flee

SUBSTANCE (PHILOSOPHY)
Quality and property. N. F. Ovchinnikov. Vop. filos. 14 no.9:127-130 '60

SUBSTITUTION (CHEMISTRY)
Directing influence of substituents in the formation of N-oxides of phenylphenazines. Part 3. [illegible] Zhur. ob. khim. 30 no.6:2011-2040 Je '60
Interaction of substituents in molecular systems consisting of two benzene rings connected by hydrogen bridges. I. M. [illegible], N. F. Levchenko. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no.1:99-103 '60.
Transfer of the influence of substituents by various conjugated systems. Z. N. Parnes, V. I. Zdanovich, D. N. Kursanov. Dokl. AN SSSR 132 no.6:1322-1324 Je '60

SUBVERSIVE ACTIVITIES
The security of our state is everybody's business. N. Mironov. Kommunist 37 no.11:30-40 Jl '60.

SUBWAYS
(see also subdivision under Hamburg, Kiev, Moscow)
Conference on waterproof precast reinforced concrete subway linings. A. I. Dement'ev. Izv. ASiA no.1:170-180 '59
Scientific Council. L. V. Abramov. Izv. ASiA no.4:161-163 '60.

SUBWAYS - HYGIENIC ASPECTS see subdivision under Moscow

SUCCINIMIDE
Bromination of organic compounds with N-bromosuccinimide (Wohl-Ziegler reaction). L. V. Machinskaia, V. A. Barkhash. Reakts. org. soed. 9:307-403 '59

SUGAR
Calculation of the additional yield of sugar obtained at the expense of the good quality of molasses. I. N. Aktadinov. Sakh. prom. 34 no.3:45-46 Mr '60.

SUGAR - TERMINOLOGY
Terminology of technical manuals. S. Z. Ivanov. Sakh. prom. 34 no.3:72-74 Mr '60.

SUGAR BEETS
(see also subdivision under Belaya Tserkov'; Chu Valley, Kharkov Province, Kirghizistan, Krasnodar Territory, Ukraine)
Evaluating the quality of sugar-beet tails from the MV factor. (From "Die Zuckererzeugung," no.11, 1959) Sakh. prom. 34 no.3:80 Mr '60.
Over-all mechanization in sugar beet cultivation. S. IA. Bobachev. Mekh. sil'. hosp. 11 no.3:16-17 Mr '60
Promising methods of sowing sugar beets [with summaries in English, German, and French]. P. P. Prisiazhniuk. Visnyk sil'hosp. nauky 3 no.2:71-76 F '60.
Seeding rate for sugar-beet seeds. A. V. Dobrotvortseva. Sakh. prom. 34 no.3:50-51 Mr '60.
Seeding rates for sugar beet seeds. I. Koldovnikov. Sakh. prom. 34 no.3:52 Mr '60.

SUGAR BEETS - DISEASES AND PESTS
Distribution of the yellows virus in diseased sugar beet plants [with summary in English]. V. O. Bortoshyn. Dop. AN URSR no.1:87-89 '60
Heptachlor, highly effective chemical for the control of sugar beet weevils. O. I. Petrukha and others. Visnyk sil'hosp. nauky 3 no.3:38-42 Mr '60.

SUGAR BEETS - DRYING
Drying of sugar beets. S. S. Benin. Izv. vys. ucheb. zav.; pishch. tekh. no.1:21-27 '60
Economy of fuel for beet pulp drying. L. L. Shapiro. Sakh. prom. 34 no.3:11-12 Mr '60.

SUGAR BEETS - HARVESTING
Automatic control of SKEM-2G sugar beet combine. M. M. Nastenko, I. I. Vasylenko. Mekh. sil'. hosp. 11 no.3:25-26 Mr '60

SUGAR BEETS - TRANSPORTATION
Unloading sugar beets without bunkers. I. S. Ilatov. Mekh. i avtom. proizv. 14 no.3:44-46 Mr '60

SUGAR IN THE BODY
Change in the neutral 17-ketosteroids and in the sugar metabolism in tumors of the adrenal cortex. P. A. Sarkisova. Vrach. delo no.3:315-317 Mr '60
Influence of the nervous system on the sugar curve. B. I. Trusevich, Kh. I. Melamed. Zdrav. Belor. 3 no.10:6-12 O '57

SUGAR INDUSTRY
(see also subdivision under Khmel'nitskiy Province, Krasnodar Territory; Russia, Ukraine)
Far ahead. Agitator no.11:17-18 Je '60
Differentiate the operation of sugar factories. A. S. Gal'perin. Sakh. prom. 34 no.3:7-8 Mr '60.
Moscow. Vsesoiuznyi institut nauchnoi tekhnicheskoi informatsii. [Operating experience of sugar factories of the R.S.F.S.R. under intensified conditions in the 1958-1959 production season; methods recommended for the processing of sugar beets] Opyt raboty sakharnykh zavodov RSFSR v forsirovannom rezhime v sezon 1958/59 g.; rekomendatsii po uskorennoi pererabotke sakharnoi svekly. Moskva, Gos. nauchno-tekhn. in-t nauchn. i tekhn. informatsii, 1960. [illegible]
Sanitation in sugar factories. M. IA. Gorodnitskii, L. M. Chleifman, A. V. Vol'chkovskii. Sakh. prom. 34 no.3:55-57 Mr '60.
Speeding up the development of the starch and sugar industry in the U.S.S.R. M. I. Murzin. Sakh. prom. 34 no.3:3-5 Mr '60.

SUGAR INDUSTRY - BIBLIOGRAPHY see Bibliography - Sugar industry

SUGAR INDUSTRY - EQUIPMENT AND SUPPLIES
(see also subdivision under Belgorod Province, Poltava, Karabalty)
More consideration to be given to the economy of building materials. A. M. Rymarchuk. Sakh. prom. 34 no.3:[illegible] Mr '60.
Protection of pipelines and equipment against corrosion. L. P. Zingel'. Sakh. prom. 34 no.3:61-[illegible] '60.
Rational electric power consumption in sugar factories. V. G. Dement'ev. Sakh. prom. 34 no.3:[illegible] Mr '60.
Some structural defects of equipment. [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60.
Use of jet mills in the sugar industry. [illegible], A. M. Zhuravlev. Sakh. prom. 34 no.3:[illegible] Mr '60.

SUGAR MACHINERY see subdivision under Moscow

SUGAR MANUFACTURE
(see also subdivision under Germany, West; [illegible]; Kharkov Province)
Cleaning the heating surfaces of evaporators. [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60.
Effect of the composition of water used in the diffusion process on the quality of products. [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60.
Kartashov, A. K. [New operating methods in juice purification and refining of diffusion juice in beet sugar manufacture] Novye metody raboty s nekotorymi [illegible] diffuzionnogo soka v sakharnom proizvodstve. Moskva, GOSINTI, 1959. [illegible] p.
Reducing the rate of crystallization of sucrose in the green sirup at 80°. P. V. [illegible], M. A. [illegible], A. A. [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60.
Retention time of the second carbonation. [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60
Speeding up the sedimentation of the 1st carbonation juice by the admixture of [illegible] Sakh. prom. 34 no.3:[illegible] Mr '60.
Use of turboblowers for [illegible] Sakh. prom. 34 no.3:[illegible]-40 Mr '60.

SUGAR MANUFACTURE - BIBLIOGRAPHY see Bibliography - Sugar manufacture

SUGAR REFINERY WORKERS - DISEASES AND HYGIENE
Fatigue and work [illegible] A. Raffel, [illegible] '59

SUGAR TRADE see subdivision under Cuba

SUGARS
Effect of the temperature on the dynamics of [illegible] amino nitrogen and water-soluble substances in the fermentation of rye leaven and of [illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.1:[illegible]
Inhibition of sugar degradation in the hydrolysate of [illegible] IA. I. [illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.1:127-131 '60

SUGARS - ANALYSIS
Methods of determining fermentable sugars in [illegible] M. K. [illegible] 11 no.2:6-7 '60

SUKARNO, 1901
Doctor Sukarno. A. [illegible] Vest. [illegible] Je '60.

SUKHANOVA, ANNA NIKANOROVNA
A. N. Sukhanova, a collective farm accountant. Fin. v kolkhoz. i sovkhoz. 17 no.3:16-17 Mr '60.

SUKHUM - BAKERS AND BAKERIES - EQUIPMENT AND SUPPLIES
Continuous general purpose [illegible] plant. V. I. Dzhalagoniia. Khleb. i kond. prom. 4 no.3:1-4 Mr '60

SUKULUK RIVER - HYDRAULICS
Investigating the [illegible] in mountain rivers. [illegible] Valentini, [illegible] SANIIRI [illegible]

SULFAMIC ACID
[illegible]

SULFATES
[illegible]

SULFIDES
(see also [illegible] Carpathian Mountains)
[illegible]

[illegible]

SULFUR
[illegible]

SULFUR - ANALYSIS
[illegible]

SULFUR—ISOTOPES

Poisoning of a platinum catalyst by thiophene under conditions of reforming Report No 2 Use of thiophene containing the radioactive isotope S^{35}. Kh M. Minachev, G V. Isaguliants, D A. Kondrat'ev. Izv. AN SSSR Otd. khim. nauk no. 5·902-906 My '60

SULFUR COMPOUNDS

(see also subdivision under Pacific Ocean)

Chemical properties of neutral sulfur compounds entering into the composition of crude shale tar phenols. S. M. Grigor'ev, M. S. Kniazeva, M. V. Pronina. Izv. AN SSSR. Otd. tekh. nauk, Met. i topl. no. 3·144-146 My-Je '60

Oxidative desulfurization of benzene. N. N. Nechiporenko, R R Masoilenko. Koks i khim no 3 37-42 '60.

SULFUR COMPOUNDS—TOXICOLOGY

Activity of alkaline phosphatase of the blood in liver disorders in connection with long-term occupational intoxication by sulphur compounds and TSS (diaminesulphate). I. E. Golubovskii, Kaz. med. zhur. 41 no. 1,98-102 Ja-F '60.

SULFUR DIOXIDE

Interaction of sulfur dioxide with the oxides and sulfides of certain nonferrous metals G.S. Frents, E I Danilov Trudy Inst met no. 5;76-80 '60

Investigating reactive diffusion in systems metal - multicomponent gas. Part 2. System chromium - sulfurous anhydride. V. N. Konev, N. G. Bogacheva, V. I. Arkharov. Fiz. met. i metalloved. 9 no. 3·358-361 Mr '60.

Making use of sulfur dioxide in nonferrous metal plants. V S Nagibin Trudy Inst met no. 5 73-75 '60

SULFUR NITRIDE

Structure of sulfur nitride. E. I. Krylov, V. V. Patsuk, V. N. Podchainova. Izv. vys. ucheb. zav., khim. i khim. tekh. 3 no 1;11-14 '60.

SULFUR ORGANIC COMPOUNDS

Studies in the series of sulfur organic compounds Part 6 Synthesis of β-hydroxyethylsulfofluoro-N, N-dimethylcarbamate B M Gladshtein, L Z Soborovskii Zhur ob khim 30 no 6 1950-1951 Je '60

SULFUR TRIOXIDE

Bubble absorption of sulfuric anhydride with the production of oleum. I N. Kuz'minykh, IU. V. Aksel'rod. Khim. prom. no. 8·680-685 D '59.

Physicochemical study of dioxane-containing systems Part 12 New method of preparing sulfuric anhydride dioxanate IA F Mezhennyi, N IA Kovganich Zhur ob khim 30 no 6 1755-1757 Je '60

SULFURIC ACID

Bubble absorption of sulfuric anhydride with the production of oleum. I. N. Kuz'minykh, IU. V. Aksel'rod. Khim. prom. no. 8 680-685 D '59.

Rate of dissolution of copper in diluted solutions of sulfuric acid containing oxygen, and copper and iron sulfates A I Kinevskii Zhur prikl khim 33 no. 3 603-608 Mr '60.

Vapor density of HNO_3 over mutual solutions of nitric and sulfuric acid. I. F. Cherepkov. Khim. prom. no. 8: 708-709 D '59.

SULFURYL CHLORIDE

Reaction between sulfuryl chloride and beta-diketones. E. Gudriniotse and others. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:110-121 '60.

SULTONES

Fluorine-containing β-sultones. Report No. 1· Addition of sulfuric anhydride to fluoroölefins. M. A. Dmitriev, G. A. Sokol'skii, I. L. Knuniants. Izv. AN SSSR Otd. khim. nauk no. 5 847-851 My '60.

SUMERIANS

Significance of the Sumerian document published by A. P. Riftin for the study of the epoch the ruler of Lagas--Lugalanda and Urukagines. V. V. Struve. Uch. zap. Inst. vost. 25:177-191 '60.

SUMGAIT VALLEY—GEOLOGY, STRATIGRAPHIC

Geomorphology of the Sumgait Valley and its development during the Quaternary period [in Azerbaijani with summary in Russian]. N. Sh. Shirinov, D. A. Liltenberg. Dokl. AN Azerb. SSR 16 no. 1:35-39 '60.

SUMMER

Hail to summer! IUn. nat. no 5 10-19 My '60.

SUMMER RESORTS see subdivision under Caucasus

SUMY—MACHINERY INDUSTRY

With the Frunze Plant trade-mark. Nauka i zhyttia 10 no. 2 25-28 F '60.

SUMY PROVINCE—FOLK MUSIC

Kobza player from Bol'shaya Pisarevka. B Antonenko-Davydovych Ukraina no 6·28 Mr '60.

SUN

Chromospheric flare followed by an eruptive prominence V. F. Chistiakov. Astron. tsir no 207,6-8 D '59.

Development of chomospheric flares according to observations in 1957 [with summary in English]. E. F. Shaposhnikova, M. B. Ogir'. Izv. Krym. astrofiz. obser. 21· 112-130 '59.

Experimental determination of oscillator strengths of the Pb I lines λ λ 4057 and 3683 Å, and the lead content of the solar atmosphere. Part 2. Determination of lead abundance in the sun [with summary in English]. M. Z. Khokhlov. Izv. Krym. astrofiz obser. 21:103-111 '59.

Solar calendar of ultrapolar processes. L. A. Vitel's. Trudy GGO no. 90 116-129 '60.

Solar physics. A. Severnyi. IUn. tekh. 4 no. 3:14-18 Mr '60.

Spectrophotometry of lines in grains of continuous emission [with summary in English]. A. B. Severnyi, V. L. Khokhlova. Izv. Krym. astrofiz obser. 21 190-197 '59

SUN—CORONA

Structure of electronic inhomogeneities in the outer corona of the sun V V Vitkevich, B N Panovkin, A G Sukhovei Izv vys ucheb zav , radiofiz 2 no 6 1005-1007 '59

Structure of the far outer corona of June 19, 1936. V. A. Bronshten. Biul. VAGO no. 27 3-9 '60.

SUN—FLOCCULI

Brightness of flocculi, magnetic fields, and mechanisms of heating [with summary in English]. V. E. Stepanov, N. N. Petrova. Izv. Krym. astrofiz. obser. 21·152-170 '59.

SUNFLOWER SEED

(see also subdivision under Krasnodar Territory)

Equilibrium moisture of organic impurities in sunflower seeds. M I Igol'chenko, V. M. Kopeikovskii Masl.-zhir. prom. 26 no 6 11-12 Je '60

SUNFLOWER SEED OIL

Kinetics and mechanism of hydrogenation of sunflower seed oil in solutions. L. S Golodova, D. V. Sokol'skii, E. A. Pod'iacheva. Trudy Inst. khim. nauk AN Kazakh. SSR 5 44-49 '59.

SUNFLOWER SEED OIL—CONGRESSES

Conference of the Scientific Council of the All-Union Fats Scientific Research Institute. Masl.-zhir prom 26 no. 1 17 Ap '60

SUNSPOTS

Circulatory nature of the 11-year cycles of solar activity [with summary in English]. V. F. Chistiakov. Astron. zhur. 37 no. 3,425-135 My-Je '60.

Profile of the sodium D_1 line and the gradient of the magnetic field of a sunspot [with summary in English]. E. A. Baranovskii, V. E. Stepanov. Izv. Krym. astrofiz. obser. 21;180-189 '59.

SUPERCONDUCTIVITY

Theory of superconductivity D N Zubarev Dokl AN SSSR 132 no. 5 1055-1058 Je '60

SUPERCOOLING

Kinetics of distillation in a supercooled system K. S Shifrin, A. IA. Perel'man Dokl AN SSSR 132 no. 5 1148-1151 Je '60

SUPERHEATED STEAM see Steam, Superheated

SUPPURATION

"Acute suppurative surgical diseases" by B. M. Khromov. Reviewed by N. S. Timofeev Fel'd. i akush. 25 no. 3. 59-61 Mr '60.

SURFACE ACTIVE AGENTS

Effect of surface active agents on increasing the live weight of rabbits [in Azerbaijani with summary in Russian]. IU. G. Mamedaliev and others. Uch. zap. AGU. Fiz.-mat. i khim. ser. no. 1·85-88 '59.

Investigating the surface active properties of phosphatide concentrate. L. IA. Auerman, L. D. Dotsenko, L. I Puchkova Izv. vys ucheb. zav ,pishch. tekh. no. 1 76-78 '60.

Mechanism of the protective action of surface active agents on disperse clay systems. A. K. Miskarli, A. M. Bairamov. Dokl. AN Azerb. SSR 16. no. 1;13-17 '60.

Method of determining the critical concentration of the micella-formation of surface active substances. A. B. Taubman, V. V. Konstantinova, A. S. Kriukova. Khim. i tekh. topl. i masel 5 no. 3:61-66 Mr '60.

Nonionogenic surface-active agents as demulsifiers for petroleum emulsions. D. N. Levchenko and others. Khim. i tekh. topl. i masel 5 no. 4.24-28 Ap '60

Role of surface active agents in the production of synthetic fibers (from "Ind. and Chem.," no. 4, 1959). Khim. volok. no. 1:71 '60.

SURFACE CHEMISTRY

Investigating certain physical processes occurring at the surface of crystal solids at high temperature. Part 4: Calculating the kinetics of "self-correction" of purposely created defects on the surface of solids. IA. E. Gegusin, I. O. Kulik. Fiz. met. i metalloved. 9 no. 3:379-384 Mr '60.

Investigating the wetting by mercury of platinum and its alloys. I. K. Ovchinnikov, V. A. Kadkin, A. A. TSaplin. Izv. vys. ucheb. zav.; gor. zhur. no. 1:144-148 '60.

Using the chemical sorption of $C^{14}O_2$ for studying the surface of solid substances. V. A. Pratashchyk. Vestsi AN BSSR. Ser. fiz.-tekh. nav. no. 1:62-69 '60.

SURFACE TENSION

Determining the mutual wetting of immiscible liquids S M Balanina Zhur prikl khim 33 no 3 739-742 33 no 3 739-742 Mr '60.

Instrument for determining the surface tension of metals. A. P. Rudoi, K. I Vashchenko. Zav. lab 26 no 3· 349-350 '60.

Instrument for determining the surface tension of slag in a steel furnace. L. I. Rostovtsev. Zav. lab 26 no. 3· 351-353 '60

Instrument for measuring the surface tension of molten metals. V. S. Barzilovich. Zav. lab 26 no. 3 346-348 '60.

Surface tension at the austenite-ferrite boundary. I. V. Salli. Izv. vys. ucheb. zav., chern. met no. 5 106-107 '60.

Surface tension of liquid beryllium. V. N. Eremenko, B. I. Nizhenko, T'at Shou-wei. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 3:116 My-Je '60.

SURFACES

Surfaces of revolution of the E_n Euclidean space. V. I. Vedernikov. Izv vys. ucheb. zav., mat no. 1·39-47 '60.

Theory of hyper-surfaces in generalized Euclidean space with one singular direction S. M. Bakhrakh. Nauch. dokl. vys shkoly, fiz.-mat nauki no. 3 3-6 '59.

SURFACES (TECHNOLOGY)

Effect of the microgeometry and microstructure of friction surfaces on their wear resistance M. E. Drits Trudy Sem po kach. poverkh no. 1 266-273 '59.

Improving surface smoothness and properties of metal-cutting tools. B. F. Eremin. Trudy Sem. po kach. poverkh no. 4 247-250 '59.

Interferometry of the roughness of surfaces. H. Trumpold Izm tekh. no. 2;52-57 F '60.

Smoothness of a steel surface machined with heavy feed on a fine turning lathe. A. I. Markov Trudy Sem. po kach. poverkh no 4·127-136 '59.

X-ray investigation of the surface layer in grinding tempered eutectoid steel. L. I. Mirkin. Fiz. met. i metalloved. 9 no. 3;459-460 Mr '60.

SURFACES (TECHNOLOGY)—MEASUREMENT

Processing profile graphs of finish machined surfaces. V. I. Malamed Trudy Sem. po kach. poverkh. no. 4 282-290 '59.

SURFACES (TECHNOLOGY)—STANDARDS

Developing the draft of an international standard for the roughness of surfaces. P. E. D'iachenko, V E. Vainshtein, T M. Karpova. Trudy Sem. po kach. poverkh no. 4:3-12 '59.

Experience of the Gorkiy Automobile Plant in introducing the state standard for surface smoothness. B F. Eremin. Trudy Sem. po kach. poverkh. no 4·244-246 '59

SURFACES (TECHNOLOGY)—TESTING

Condition of friction surfaces and their wear. S. F. Chukmasov. Trudy Sem. po kach. poverkh. no. 4 41-48 '59.

Device for visual measurement of the quality of ground steel surfaces. G. A. Tishchenko. Trudy Sem. po kach. poverkh. no. 4 199-203 '59.

Electric circuit of the "Kalibr-VEI" profilograph-profilometer. A. I. Boiarov. Trudy Sem. po kach. poverkh. no. 4:181-192 '59.

Introducing a pneumatic device for surface-smoothness control. L. A. Mai. Trudy Sem. po kach. poverkh. no. 4 231-235 '59.

Investigating the optimum surface smoothness of friction pairs V. V. Puzankov. Trudy Sem. po kach. poverkh. no. 4 32-40 '59.

The "Kalibr-VEI" induction profilograph-profilometer. IU. V. Kleimenov. Trudy Sem. po kach. poverkh. no. 4 177-183 '59.

The MMI-2 optical-mechanical profilograph. V. A. Truten'. Trudy Sem. po kach. poverkh. no. 4:193-198 '59.

Simple feeler gauge. B. S. Davydov. Trudy Sem. po kach. poverkh. no. 4:168-170 '59.

SURGERY

(see also subdivision under Lithuania)

Classification of surgical diseases in the general section of the "Canon of Medical Science" of Abu Ali Ibn Sina V. K. Dzhumaev. Med. zhur. Uzb no. 8/9·99-105 Ag-S '58.

SURGERY, ELECTROLYSIS IN see Electrosurgery

SURGERY, PLASTIC

Pathological changes in newly formed metacarpophalangeal joints following arthroplasty. E. A. Tyshchuk Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no 7: 161-169 '58.

Plastic restoration of the thumb. V. G. Vainshtein. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7: 81-91 '58.

Plastic surgery with a turn of the triangular flap on the pedicle at an angle of more than 90 degrees. A. T. Titova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7;253-261 '58.

SURGICAL INSTRUMENTS AND APPARATUS

Apparatus for mechanical suturing of patent ductus arteriosus and its experimental use [with summary in English]. Grud. khir. 1 no. 1 114-118 Ja-F '59.

Improvement in the design of a scalpel with a removable blade E. A. Volodin. Med. prom. 14 no 3:48-49 Mr '60.

SURGICAL NURSING

"Work of the medical nurse in the surgical department" by D L Parmenenkov Fel'd i akush 25 no 3 58-59 Mr '60

SURGICAL SOCIETIES see subdivision under Moscow, Samarkand, Tashkent, White Russia

SURNACHOU, MIKOLA

Our friend who was killed in action (Colorful daybreak" by Mikola Surnachou. Reviewed by R. Biarozkin). Belarus' 17 no 3·30 Mr '60

SUROVIKINO DISTRICT—AGRICULTURE—ECONOMIC ASPECTS

The district executive committee and economic problems of agriculture in a district. G I Urazhtsev. Uchet i fin. v kolkhoz. i sovkhoz 17 no. 3 28-30 Mr '60.

SURVEYING

(see also subdivision under Siberia, Western)

Change over in an organized manner to a reduced workday and a new system of wages at state enterprises of the geodetic service Geod . kart no 2·3-7 F '60

Computing and adjusting the coordinates to an isolated point determined by linear intersection V L Kagan Geod. i kart no 2 21-26 F '60

Further development of the scheme and program for establishing the state geodetic network of the U S. S. R. S. G. Sudakov. Izv vys ucheb zav. ,geod i aerof. no. 1 17-38 '60.

Gidroenergoproekt, trust, Moscow. [Instructions for observing the settling horizontal displacements of hydraulic structures by geodetic methods] Nastavlenie po nabliudeniiam za osadkami i gorizontal'nymi smeshcheniiami gidrotekhnicheskikh sooruzhenii geodezicheskimi metodami. Moskva, Gos. energ. izd-vo, 1958. 111 p.

On the scheme and program for establishing the state geodetic network of the U. S. S. R. A. I. Durnev. Izv vys. ucheb zav. ,geod i aerof no 1 39-56 '60.

One method of mental computation of mean value from symmetrical readings A V. Butkevich Geod i kart no 2·61-62 F '60

Poliakov, P. I., L. U. Seliukov, and S. I. Shchirin. [Geodetic measurements made during the process of construction in industrial and civil engineering; manual for construction engineers] Geodezicheskie razbivochnye raboty v promyshlennom i grazhdanskom stroitel'stve; spravochnoe posobie dlia inzhenerov-stroitelei. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 176 p.

Precision of rod readings. D. D. Kolkov. Geod. i kart. no 3 35-37 Mr '60

Prepare successfully for the topographical geodetic field work of 1960 Geod. i kart. no 1 3-7 Ja '60.

Protection of geodetic signals R. V Krupen. Geod. i kart no 2:30-31 F '60

Radiogeodetic tying in of detailed aeromagnetic surveys. A. M Lozinskaia, L. E. Mindlin. Prikl. geofiz. no. 24· 213-221 '60.

Results of the all-Union socialist competition at enterprises of the Main Administration of Geodesy and Cartography for the fourth quarter of 1959 Geod i kart no 2:7-9 F '60

Tasks of the geodetic service in meeting the seven-year plan for the development of the national economy of the U. S. S. R. A. N. Baranov. Izv. vys. ucheb. zav. ,geod. i aerof no. 1 9-15 '60.

Tying in to geodetic wall marks. T. S. Danikenko. Geod. i kart. no. 1 69-74 Ja '60.

Use of electronic calculating machines in geodetic computations. T. F. Alkesandrov. Izv. vys. uchab. zav. ; geod. i aerof. no. 1:79-87 '60.

Using the principle of least squares in adjusting dependent results of measurements IU A Gordeev Izv vys ucheb zav . geod i aerof. no 2 19-40 '60

Work regimen of eyes and the protection of the sight of topographers. V. I. Shvets. Geod. i kart. no. 3 53-54 Mr '60.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—CONGRESSES

Brief news. Geod. i kart. no. 1:78-79 Ja '60.

Resolution passed at the Intercollege Scientific Conference on Problems in Establishing Geodetic Control Networks. Izv. vys. ucheb. zav. ,geod. i aerof. no. 1 5-7 '60.

Tasks and work program of the conference. A. I. Durnev. Izv. vys. ucheb. zav. ,geod. i aerof. no. 1·3-4 '60.

SURVEYING—EQUATIONS

Analyzing the precision of the solution of systems of standard equations. E. G. Larchenko. Izv. vys. ucheb. zav. ,geod. i aerof. no. 1 65-74 '60.

SURVEYING—INSTRUMENTS

"A brief survey of the development of the manufacture of geodetic instruments in the U. S. S. R " by B. D IArovoi. Reviewed by V N Gan'shin, L. S Khrenov. Geod. i kart. no. 2:65-68 F '60

Checkered leveling rods with verniers. I. I Opaiev. Geod. i kart. no. 2·57-60 F '60.

Leveling rods manufactured by the Kalinin Economic Council. I M Kislyi. Geod i kart. no 1 76 Ja '60

Optical and radio range finders and their possible use in establishing geodetic networks B A. Larin. Izv. vys. ucheb zav. ,geod i aerof no 1 135-140 '60.

Possible further improvements in the precision of instruments used in angular and linear measurements S V. Eliseev. Izv. vys ucheb. zav. ,geod. i aerof. no. 1 129-131 '60.

SURVIVAL (AFTER AIRPLANE ACCIDENTS, SHIPWRECKS, ETC.)

Brave and faithful sons of our country Agitator no 6 2 Mr '60

Good Soviet fellows. B. Strel'nikov. Ogonek 38 no. 15· 30-31 Ap '60.

Heroes came home Smena 37 no 8 22-23 Ap '60

Just ordinary Soviet people! Ogonek 38 no. 13·8 Mr '60.

Ordinary Soviet people. S. Grigor'ev. Sov. pech. no. 4: 42-44 Ap '60.

Welcome home. Ogoned 38 no. 14·8 Ap '60.

With our motherland in mind. A. Ziganshin and others. Sov. voin 42 no. 8·3 Ap '60.

SUSLIKS—DISEASES AND PESTS

Use of cortisone for the detection of plague infection in lesser susliks [with summary in English] V P Kuzakevich G. B. Minkov, N K. Sidorova. Zhur mikrobiol. epid. i immun. 31 no 2 35-38 F '60.

SUSPENSIONS (CHEMISTRY)

Deformation and atomization of colloid systems in the vicinity of an electrically charged surface [with summary in English] M F Serebrianaia, N A Krotova Koll zhur 22 no 1 82-89 Ja-F '60

Effect of drying oil on the stabilization of carbon black suspensions [with summary in English] B N Shakhkel'dian Koll zhur 22 no 1 106-110 Ja-F '60

SUSUMAN DISTRICT—ADULT EDUCATION

Let's disseminate economic knowledge among workers M Shilo Part zhizn' no 13 51-52 Jl '60

SUSUMAN DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

To speak the truth V Smirnov Part zhizn' no 13 46-47 Jl '60

SUSUMAN DISTRICT—MINES AND MINERAL RESOURCES

We appeal to their minds and hearts I Sokolenko Part zhizn' no 13 47-50 Jl '60

SUTURES

Suture in traumatic rupture of the liver P E Ogii Vrach delo no 4 425 Ap '60

SVATOVO DISTRICT—AMATEUR ART ACTIVITIES

Arena of creative contests. P Umanets' Sots kul't 13 no 2 28-29 F '60

SVERDLOV DISTRICT (DZHAMBUL PROVINCE)—COMMUNIST EDUCATION

Our concern for the education of party leaders A Dzhumataev Part. zhizn' Kazakh 30 no 3 38-41 Mr '60

SVERDLOVO DISTRICT—COLLECTIVE FARMS—AUDITING AND INSPECTION

Improving the work of auditing commissions. P. A. Savinov. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 3:50 Mr '60.

SVERDLOVSK—LECTURES AND LECTURING

Discourse on politics. V. Blagodeteleva, IU. Chernysheva. Sov. Soiuz no. 2 15-17 '60.

SVERDLOVSK—MACHINERY INDUSTRY

Contribution of the machinery designers of the Ural Heavy Machinery Plant V Pavlov Part zhizn' no 13 32-36 Jl '60

Enthusiastic admirer of new equipment. A. Busygin. Sov. profsoiuzy 16 no 11·24-25 Je '60.

SVERDLOVSK—METALLURGICAL PLANTS—FINANCE

Business accounting in a workshop of the plant. P. Zel'manovskii. Fin. SSSR 21 no. 6,68-70 Je '60.

SVERDLOVSK—MUSIC

Review of the works of Sverdlovsk composers. B. Manzhora. Sov. muz. 24 no. 3·157-158 Mr '60.

SVERDLOVSK—OCCUPATIONAL THERAPY

Occupational therapy in Sverdlovsk special shops. O. Sapozhnikova. Sots. obesp. 21 no. 2·37-38 F '60.

SVERDLOVSK—RAILROADS—FREIGHT

Centralized freight pick-up and delivery operations. S. M. Rezer. Zhel. dor. transp. 42 no. 3:71-73 Mr '60.

SVERDLOVSK PROVINCE—APARTMENT HOUSES

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Large-panel house built of foamed cinder concrete hardened without using autoclaves; practices of the "Bazstroi" Trust of the Sverdlovsk Economic Council] Krupnopanel'nyi dom iz neavtoklavnogo zolopenobetona, opyt tresta "Bazstroi" Sverdlovskogo sovnarkhoza. Moskva, 1959. 15 p.

SVERDLOVSK PROVINCE—ECONOMICS—STUDY AND TEACHING

Aim and effectiveness of economic propaganda V. Lebedev Vop ekon no 6 128-133 Je '60

SVERDLOVSK PROVINCE—ELECTRICITY IN AGRICULTURE

Agricultural electrification in Sverdlovsk Province. A Tarasov. Tekh v sel'khoz 20 no. 2 37-38 F '60.

SVERDLOVSK PROVINCE—REINFORCED CONCRETE

Transfer to a new wage system and a shorter workday. I. Biltrushevich, T. Shatova. Biul nauch. inform. trud i zar. plata no. 10 31-39 '59

SVERDLOVSK PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

Rewards for the best. A. Kulishev. Obshchestv. pit. no 3 39 Mr '60.

SVERDLOVSK PROVINCE—TEACHERS' INSTITUTES

Plan for the work of the history study room of the Sverdlovsk Province Teachers' Institute. O. E. Vainer. Prep. ist. v shkole 15 no. 2·125 Mr-Ap '60.

SVERDLOVSK PROVINCE—TRADE UNIONS

Seven-year plan in five years. A. Bykov. Sov. profsoiuzy 16 no. 12:12-16 Je '60.

SWAMPS

Conditions of swamp drainage in northern regions. T I Daishev Trudy SevNIIGIM no 15 97-141 '58

Development of research on reclamation and agricultural use of swamps and swamped lands. P. A. Turnas. Trudy SevNIIGIM no. 14·45-52 '58.

Kliueva, K. A. [Effect of swamps in the drainage basin on annual distribution of streamflow in rivers of the White Russian S. S. R.] Vliianie zabolochennosti vodosborov na vnutrigodovoe raspredelenie stoka rek BSSR. Pod red. K. E. Ivanova. Moskva, Gidrometeor. izd-vo, 1959. 233 p.

_____ [Graphs] Grafiki.

Stability of mole drains in drained swamps I M. Rubinchik Trudy Belor nav -dosl inst mel i vod hasp 8 155-166 '60

Studying drainage norms for swamps A I Ivitskii Trudy Belor nav. -dosl inst. mel. i vod. hasp 8 35 54 '58

SWEDEN—ECONOMIC CONDITIONS

A "general welfare society" or socialism the Swedish way [with summary in English, pp 183-184]. L. L. Golovin, N. V. Oparin Vop filos. 14 no 6:68-84 '60.

SWEDEN—EDUCATION

Swedish schools and their reorganization. E. M. Sokolov. Sov. pedag. 24 no 6,87-97 Je '60.

SWEDEN—ELECTRIC CIRCUIT BREAKERS—TESTING

Line testing of 380 and 200 kv. air circuit brakers in Sweden. R. P. Butenko. Energokhoz. za rub no. 5· 15-16 S-O '57.

SWEDEN—GLASS MANUFACTURE

What's new in glass manufacture in Sweden N V Solomin Stek. i ker 17 no. 6 43-44 Je '60.

SWEDEN—LABOR AND LABORING CLASSES

Scientific Research Institute of Labor in Sweden. G. Pavlova. Biul. nauch. inform.: trud i zar. plata 3 no. 2· 65-67 '60.

SWEDEN—METAL INDUSTRIES

Scientific Research Institute of Labor in Sweden. G. Pavlova. Biul. nauch. inform.: trud i zar. plata 3 no. 2: 65-67 '60.

SWEDEN—NUCLEAR ENGINEERING

Development of nuclear energy in Sweden. M. N. Sokolov. Energokhoz. za rub. no. 2:38-41 Mr-Ap '60.

SWEDEN—RAILROADS—SIGNALING

Centralized traffic control in Sweden. D. A. Bunin Avtom , telem. i sviaz' 4 no. 3·46-47 Mr '60.

SWEDEN—SOCIALIST PARTY

A "general welfare society" or socialism the Swedish way [with summary in English, pp. 183-184]. L. L. Golovin, N. V. Oparin. Vop. filos. 14 no. 6:68-84 '60.

SWEDEN—WOOD, COMPRESSED

Akademii stroitel'stva i arkhitektury SSSR. [Manufacture of wood-fiber boards in Sweden] Proizvodstvo drevesnovoloknistykh plit v Shvetsii. Moskva, TSentr. biuro. tekhn. informatsii bumazhnoi i derevoobrabatyvaiushchei promyshlennosti, 1959. 26 p.

SWEET CLOVER

Artiukov, N. V. [Sweet clover] Donnik. Moskva, "Sovetskaia Rossiia," 1959. 53 p.
(DA)

SWIMMING
(see also subdivision under Netherlands)

Applying the composite method in training swimmers of the senior division S. V. Boichenko, K. K. Molinskii Teor. i prak. fiz. kul' 23 no 6:409-414 '60

Butterfly stroke in swimming. O. I Logunova, V. V. Belo-ko.skii. Teor i prak fiz kul' 23 no 6 406-409 '60.

Family, school, friends. L. Viktorova. Smena 37 no. 6 27 Ap '60.

Help those who cannot swim ("Learn how to swim" by N A Butovich. Reviewed by V. M. Butrin). Teor. i prak. fiz kul't. 23 no. 2:154-155 '60.

SWIMMING POOLS—HYGIENIC ASPECTS

Experience in sanitary supervision in designing and operating a swimming pool. L. IA Kel'shtein. Gig i san 25 no. 2:55-59 F '60.

SWINE
(see also subdivision under Ukraine, Western; Zolochev District)

Effect of heredity on the intrauterine development of swine. V. N. Tikhonov. Trudy Inst. morf. zhiv. no. 31: 158-165 '60.

SWINE—DISEASES AND PESTS

Norway rat as a carrier and disseminator of the virus of Aujesky's disease [with summary in English]. M. G. Nikitin. Zool. zhur. 30 no 2 282-287 F '60.

SWINE—FEEDING AND FEEDS
(see also subdivision under Kopyl' District)

D'iachkov, N. A. [Pasturing of swine in potato and sugar-beet fields] Past'ba svinei na posevakh kartofelia i sakharnoi svekly. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 71 p.
(DA)

Establishing protein norms for young modified lard-type hogs. V. M. Anisimov. Visnyk sil'. hosp. nauky 3 no. 1: 74-76 Mr '60

Ivan Shtefanenko, scout of the future. N. Tatarskaia. Sov. profsoiuzy 16 no. 11 31-34 Je '60.

Mineralization of the skeleton in swine in connection with age and protein level of feed rations. F. I. Saltykov. Trudy Inst. morf. zhiv. no. 31:166-169 '60.

Physiological effect of various types of feeding on the development of swine [with summaries in English, German, and French]. K. B. Svechin. Vest. sel'khoz. nauki 5 no. 2:46-52 F '60.

SWINE—FEEDING AND FEEDS—BIBLIOGRAPHY see Bibliography—Swine—Feeding and feeds

SWINE—PHYSIOLOGY

Effect of ultraviolet irradiation from different sources on phosphorus-calcium metabolism in swine during the barn period. M. S. Boiko. Izv. TSKhA no. 6:228-232 '59.

SWINE BREEDING

Crossbreeding swine for market production [with summaries in English, German, and French]. D. I. Grudev. Vest. sel'khoz. nauki 5 no. 2,37-44 F '60.

Inheritance of characteristics and qualities in the crossbreeding of swine [with summaries in English, German and French]. Marlen Aslanian. Vest. sel'khoz. nauki 5 no. 2 130-133 F '60.

SWITCHING THEORY

Problem of reliability of switching devices [with summary in English]. K. P. Kurdiukov. Avtom. i telem. 21 no. 4. 533-541 Ap '60.

Reliability of switching circuits in dispersed systems [with summary in English]. V. A. Il'in. Avtom. i telem. 21 no. 4 530-532 Ap '60.

SWORDS

A Turkish saber from the end of the 15th and the beginning of the 16th century. IU. Muller. Soob. Gos. Erm. no. 16: 57-58 '59.

SYAMOZERO REGION—LIMNOLOGY

Siamozerskaia kompleksnaia ekspeditsiia, 1954-1956. [Transactions of the Syamozero Expedition] Trudy. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR.
Vol. 1. [Hydrology and hydrochemistry] Gidrologiia i gidrokhimiia. 1959. 237 p.

SYLLOGISM

General features of relative and partitive syllogisms. V. V. Il'in. Nauch. dokl. vys. shkoly, filos. nauki 3 no. 1: 63-72 '60.

SYLVITE

Improving the quality of concentrated ore from the Starobin deposit. M. M. Pavliuchenko, Kh. M. Aleksandrovich. Dokl. AN BSSR 4 no. 1:15-19 Ja '60.

SYMPATHY

Sensitiveness. E. Ponomareva. Sem'ia i shkola 15 no. 3:23 Mr '60.

SYMPHONY ORCHESTRAS see subdivision under Moscow

SYNCHROTRON

Investigation of the capture of electrons into acceleration in betatrons and synchrotrons. P. A. Riazin, A B. Minervin Izv. vys. ucheb. zav. fiz no 6:112-123 '59.

Synchrotron with a generalized high-frequency field E. S. Kovalenko Izv vys ucheb zav, fiz no 6 85-89 '59

SYNTHETIC FABRICS

Comparative studies of staple suiting made by different processes D. D. IAkovlev. Sbor. nauch. rab INKH no. 16:96-106 '59

Results of tests on Kovo hydraulic looms. P. V Monina and others. Tekst. prom 20 no. 2 36-39 F '60.

SYNTHETIC FIBERS see Textile fibers, Synthetic

SYNTHETIC PRODUCTS—BIBLIOGRAPHY see Bibliography—Synthetic products

SYNTHETIC RUBBER see Rubber, Synthetic

SYPHILIS

Histomorphological changes of the papular-condylomatous syphilids of the skin in syphilis patients treated with ekmonovocillin. Kh. Kh. Khusanov. Med. zhur. Uzb. no. 11:64-67 N '58.

Variant of syphilitic psychoses with "paralytic" liquor and their diagnosis. N. L. Garkavi. Probl. sud. psikh 8:573-588 '59.

SYPHILIS—DIAGNOSIS—WASSERMANN REACTION

Results of the use of Professor R. R. Gel'tiser's spirochetic antigen in Wasserman's reaction. O P Komov. Zdrav. Belor. 3 no. 10:47-49 O '57

SYRIA—HISTORY

K. M. Bazili, Russian diplomat and expert on Syrian history. I. M. Smilianskaia. Och. po ist. rus. vostokoved no. 4:52-78 '59.

SYRIA—PETROLEUM REFINERIES

Czechoslovakia has built a petroleum refinery in Syria. Neftianik 5 no. 5:35 My '60.

SYRINGOMYELIA

Comparative characteristics of some methods for the treatment of syringomyelia. A. A. Mukharramova. Med. zhur. Uzb. no. 10:3-6 O '58.

SYRPHUS FLIES see subdivision under Kurile Islands; Sakhalin; Soviet Far East

SYSIN, ALEKSEI NIKOLAEVICH, 1879-

Rise of the Soviet public health organization and the role of A. N. Sysin E. A. Kustova. Zdravookhranenie 2 no. 6:9-13 N-D '59

SYSTEMS (CHEMISTRY)

Reciprocal system of sodium and nickel chlorides and sulfates. K. A. Bol'shakov, P. I. Fedorov. Zhur. neorg. khim. 5 no. 2,469-473 F '60.

Relationship between the composition and structure of phosphates in the system CaO - P_2O_5 - SiO_2 and their assimilability by plants S I Vol'fkovich and others Zhur. prikl. khim 33 no 3 524-533 Mr '60.

Solubility isotherms for a quaternary reciprocal system KCl+NaI⇄NaCl+KI and H_2O at O, 25, and 50° C. V. M. Slovinskaia, S. M. Mukimov. Dokl. AN Uz. SSR no. 11:35-40 '58.

SYZRAN'—BOARDING SCHOOLS

Aesthetic education in the Syzran' boarding school. O. M. Blandova. Sov. pedag. 24 no. 3:87-93 Mr '60.

SZAIBELYITE

Experimental investigation of the conditions of formation of kotoite-ascharite ores [with summary in English]. V. L. Barsukov, N. N. Deriugina. Geokhimiia no. 1:55-59 '60.

SZAKASITS, ARPAD

Service to the people. Czaba Kis. Sov. pech. no. 4: 61-62 Ap '60.

TABLE ETIQUETTE

Table manners. L. Shchehlova. Doshk. vykh. 21 no. 3: 23-25 Mr '60.

TABLETS (MEDICINE)

Investigation of the process of forming tablets from medicinal powders. S. A. Nosovitskaia, E. E. Borzunov. Med. prom. 14 no. 4:18-22 Ap '60.

TACHOMETER

Methods and devices for accurate measurements of angular velocities. Izm. tekh. no. 2:64 F '60.

TAGANROG—TECHNICAL EDUCATION—CURRICULA

Work of a municipal curriculum committee. G. P. Efimov. Sred. spets. obr. 7 no. 1:35-36 Ja '60.

TAGORE, SIR RABINDRANTH, 1861-1941

Rabindranth Tagore's visit to the Soviet Union. B. A. Mal'kevich. Vest. ist. mir. kul't. no. 1:92-103 Ja-F '60.

TAIGAS

Certain methods used in estimating the abundance of species of herbaceous plants and undershrubs in forests of the taiga zone. I. V Karmanova. Bot. zhur 45 no. 2 238-248 F '60

Topographic interpretation of aerial photos of mountains taigas [with summary in English]. L. E. Smirnov. Vest. LGU 15 no. 12 127-137 '60.

TAILORING

Characteristics of some clothing manufacturing operations. Shvein. prom. no. 1,26-29 Ja-F '60.

TAJIK LANGUAGE—STUDY AND TEACHING see subdivision under Leningrad

TAJIK LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Tajik S. S. R.; book production. Inform. biul. Sov. podgot. kom. po sozyvu konf pis. stran Azii i Afr. 7-8 Jl '58.

TAJIKS see subdivision under Pamirs

TAJIKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Tadzhikistana. 12. s''ezd, Stalinabad, 1959. [Extraordinary 12th Congress of the Communist Party of Tajikistan, January 14-15, 1959; a verbatim report] Vneocherednoi XII s''ezd Kommunisticheskoi partii Tadzhikistana, 14-15 ianv. 1959 goda; stenograficheskii otchet. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 280 p.
(MH)

TAJIKISTAN—CRIME AND CRIMINALS

Zhogin, N. V. [Struggle against crimes which are the surviving traces of feudal relations; based on the materials of the Tajik S. S. R.] Bor'ba s prestupleniiami, sostavliaiushchimi perezhitki feodal'no-baiskogo byta; po materialam Tadzhikskoi SSR. Moskva, Gos. izd-vo iurid. lit-ry, 1958. 68 p.

TAJIKISTAN—DELIVERY OF GOODS—STATISTICS

Study of the delivery of goods to trade organizations is an important statistical task. A. Khudiakov. Vest. stat. no 3:63 '60.

TAJIKISTAN—FINANCE

With the purpose of increasing the control through the ruble. M. Kuz'min. Fin. SSSR 21 no. 6:58-59 Je '60.

TAJIKISTAN—GERANIUMS

Processing of geraniums. V. P. Fomenko. Masl. -zhir. prom. 26 no. 3:38-41 Mr '60.

TAJIKISTAN—IRRIGATION

Automation in cotton watering. A. I. Tarkhov. Gidr. i mel. 12 no 3:20-23 Mr '60.

TAJIKISTAN—REPTILES

Chernov, S. A. [Fauna of the Tajik S. S. R.; reptiles] Fauna Tadzhikskoi SSR; presmykaiushchiesia. Stalinabad, 1959. 201 p. (Akademiia nauk Tadzhikskoi SSR, Stalinabad. Trudy, no. 98)

TALES, OSSETIC

[Ossetic folk tales] Osetinskie narodnye skazki. [Sostaviteli: S. Britaev i G. Kaloev] Moskva, Goslitizdat, 1959. 422 p.
(MH)

TALLINN—CONSTRUCTION INDUSTRY

"Druzhba" brigade G. Grigor'ev. Sov profsoiuzy 16 no. 10 48-49 My '60

TALLINN—PIANO MAKERS

Singing wood. Bor. Privalov. Sov. Soiuz no. 2:14 '60.

TALS, MIKELIS

Mikelis Tals. G. Teitel'baum. Sov. Soiuz no. 2:32-33 '60.

TAMARISK

Rusanov, F. N. [Central Asian tamarisk; an attempt at a comprehensive botanical study of Central Asian species of r. Tamarix] Sredneaziatskie tamariksy, opyt kompleksnogo botanicheskogo izucheniia sredneaziatskikh predstavitelei r. Tamarix. Tashkent, Izd-vo AN UzSSR, 1949. 156 p.
(MnU)

TAMBOV PROVINCE—COLLECTIVE FARMS

Utilizing a tractor depot on collective farms. I. Altaiskii, V. Zhurikov Ekon sel'khoz 31 no. 3:73-80 Mr '60.

TAMBOV PROVINCE—LIBRARIES

Reorganization has begun. L. Zubynin. Bibliotekar' no. 6:24-25 Je '60.

TAMBOV PROVINCE—STOCK AND STOCKBREEDING

Their stars will never be dim. V. Utsev. Mol. komm. no. 3:53-57 Mr '60.

TAMBRONI, FERNANDO, 1901-

People and events: Fernando Tambroni. Nov. vrem. 18 no. 21:29 My '60.

TAN-BOGORAZ, VLADIMIR GERMANOVICH, pseud. see Bogoraz, Vladimir Germanovich, 1865-1936

TANGUT LANGUAGE—STUDY AND TEACHING

History of Tangut studies in Leningrad. Z. I. Gorbacheva. Uch. zap. Inst. vost. 25:102-107 '60.

cars in the summertime. V. A. Avnapov. Neftianik 5 no. 5:22-23 My '60.

Limiter for filling tank cars with petroleum products. T. Sktchko. Neftianik 5 no. 5:26-27 My '60.

TANK CARS—CLEANING

Mechanization at tank-car washing and steaming points. A. A. Pokotilo Zhel. dor. transp. 42 no 3:68-70 Mr '60.

TANK CARS—MAINTENANCE AND REPAIR

Train for washing and steaming tank cars. S. I. Firsov. Biul. tekh.-ekon. inform. no 3:57-58 '60.

TANK VESSELS

Her maiden voyage S. Vlekov Ukraina no 6 30 Mr '60

TANK WARFARE

Shifting the tank company to a defense position. A. Slobodianiuk Voen vest 39 no 12:27-31 D '59

TANKS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

Sbornik 5. [Making and assembling steel construction elements] Montazh i izgotovlenie stal'nykh konstruktsii.

No. 4. [Assembling welded cylindrical tanks and gasholders] Montazh tsilindricheskikh svarnykh rezervuarov i gazgol'derov. 1960. 23 p.

TANNINS

Akademiia nauk Uzbekskoi SSR, Tashkent, Institut botani. [Polygonum coriarium Grig] Taran dubil'nyi (Polygonum coriarium Grig) Pod red V P. Drobova. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1959 181 p

TANNU-TUVA see Tuva Autonomous Province

TANTALUM—ANALYSIS

Separation of niobium from tantalum by means of adsorption and complex-formation chromatography. L S. Aleksandrova, K. V. Chmutov. Izv. AN SSSR Otd. khim. nauk no. 5:801-805 My '60.

TANTALIUM—SPECTRA

Spectral determination of niobium and tantalum impurities in tiatnium. N I. Tarasevich, K. A. Semenenko, N. F Melekhina Vest Mosk un Ser 2 Khim 15 no 2 64-68 Mr-Ap '60

TANTALUM IODIDE

Synthesis of tantalum and niobium iodides by the reactions of TaCl$_5$ and NbCl$_5$ with Al$_2$I$_6$ and SiI$_4$. L. A. Nisel'son, I. V. Petrusevich. Zhur. neorg. khim. 5 no. 2 249-254 F '60.

TAPEWORMS

Case of acute phychosis caused by Taeniarhynchus infestation. Sh. G Iuldashev, B. M. Mukhtarov. Med. zhur. Uzb. no. 10:84-85 O '58.

TAPIOLA, FINLAND—CITY PLANNING

Tapiola, a satellite city in Finland, N. Gulianitskii. Stroi. i arkhit. Mosk. 9 no. 6:32-34 Je '60.

TAPS AND DIES

Ungrooved taps. A Z Volynchik Stan. i instr 31 no 4 38-39 Ap '60

TARASENKOVA, NATAL'IA

Eloquent punctuation ("Through the woods"; stories by Natal'ia Tarasenkova. Reviewed by L. Anninskii). Moskva 4 no 2:214-215 '60.

TARGET PRACTICE see subdivision under Germany, East

TARYCH, IURY VIKTARAVICH, 1885-

The oldest White Russian motion-picture producer. S. Hurych. Belarus' 17 no. 3:21 Mr '60.

TASHKENT—AIRPORTS

Tashkent is receiving... Uzbekiston 18 no. 8:15 Ag '59

TASHKENT—ATMOSPHERIC ELECTRICITY

Statistical study of principal characteristics of the electric potential gradient during precipitation and dust storms in Tashkent. D I. Kulagin Trudy Sred.-Az. nauch.-issl gidrometeor inst. no 2:238-252 '59.

TASHKENT—BUILDING RESEARCH

Institute of Construction (Tashkent). A. B. Ashrabov. Izv ASiA no. 2:175-176 '59.

TASHKENT—CHILDREN—HOSPITALS

Work of the intestinal infections section at Children's Hospital No. 15 in Oktyabr' District in Tashkent I. M. Gal'perin. Med. zhur. Uzb no 8/9 35-39 Ag-S '58.

Ten apartments a day! N. V. Bukhvostov. Uzbekiston 18 no 8 9 Ag '59.

TASHKENT—DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Shifting of the Tashkent plant to diesel locomotive repairs. R T. Tadulevich Zhel. dor. transp. 42 no. 3:62-64 Mr '60.

TASHKENT—DYSENTERY

Vitamin B$_1$ metabolism and pyruvic acid in acute dysentery under the climatic conditions of the city of Tashkent A G. Khalilov Med zhur Uzb no. 8/9 26-35 Ag-S '58

TASHKENT—EXCAVATING MACHINERY

Automatic welding at the Tashkent Excavator Plant. L A. Ignatov, IA. G Sutin Stroi. i dor mashinostr. 5 no. 3 32-33 Mr '60.

TASHKENT—MANUAL TRAINING—HYGIENIC ASPECTS

Health of pupils in industrial training schools in Tashkent. O. T. Ushnurtseva. Med. zhur. Uzb. no. 11.83-89 N '58.

TASHKENT—OXYURIASIS

Diffusion of Oxyuris among children and adolescents in Tashkent. I. I. Arifdzhanov. Med. zhur. Uzb. no. 11.81-82 N '58.

TASHKENT—PHONORECORDS

Studio in Tashkent. Sov. muz. 24 no. 3 142 Mr '60.

Tashkent phonograph record. G. Dmitriev. Uzbekiston 18 no. 8.13 Ag '59.

TASHKENT—PUBLIC HEALTH

Planning for the development of the public health system in the city of Tashkent. IU. A. Atabekov Med. zhur. Uzb. no. 5:3-11 My '58.

TASHKENT—RESTAURANTS, LUNCHROOMS, ETC.

Friends from Tashkent M Kamin, S Sverov Obshchestv pit. no 4 50-52 Ap '60

In 60 lunchrooms the lunches became cheaper. I. Asriev. Obshchestv. pit. no 3 30 Mr '60.

TASHKENT—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Lagman machine. S. Mikhailov. Obshchestv. pit. no. 3: 45-46 Mr '60.

TASHKENT—SPORTS

Sports. Uzbekiston 18 no. 8:23-24 Ag '59.

TASHKENT—SURGICAL SOCIETIES

Meeting of the Tashkent Surgical Society. Med. zhur. Uzb. no. 10 94-96 O '58.

Session of the Tashkent Surgical Society. Med. zhur. Uzb. no 7 78-80 Jl '58.

TASHKENT—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Microclimate of spinning shops of the Tashkent Textile Combine and the productivity of labor. T. D. Simonovich. Med. zhur. Uzb. no 5,52-55 My '58.

TASHKENT—TEXTILE MACHINERY

Manufacturing plastic parts at the Tashkent Textile Machinery Plant. IU. I. Naumov. Mashinostroitel' no. 3:26-27 Mr '60.

TASHKENT—TEXTILE WORKERS

Based on the example set by Valentina Gaganova. D. Polinin Uzbekiston 18 no. 8.6 Ag '59.

TASHKENT—TRADE UNIONS

A letter from Tashkent workers. L. M. Landa. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1:56 '60.

TASHKENT PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

The collective farm worker is getting paid. M. Dubinskii. Uzbekiston 18 no. 8:17 Ag '59.

TASHKENT PROVINCE—DERMATOMYCOSIS

Organization of control measures in eradicating the incidence of dermatomycosis in Tashkent Province. K. N. Takhirov. Med. zhur. Uzb. no. 5:56-61 My '58.

TATAR A. S. S. R.—BALLET

"Miners' true story." G. Shantyr'. Sov. muz. 24 no. 3: 100-102 Mr '60.

TATAR A. S. S. R.—BOOKSELLERS AND BOOKSELLING

Why did the Tyumen and Tatar consumer cooperatives forget about books? V. Stepanov. Sov. knizh torg. 12 no 3 37-38 Mr '60.

TATAR A. S. S. R.—DERMATOLOGICAL SOCIETIES

Brief news. Kaz. med. zhur. 41 no. 1:126-127 Ja-F '60.

TATAR A. S. S. R.—ECONOMIC CONDITIONS

Our workers have moved ahead and our work has improved S Ignat'ev Part zhizn' no 12 8-15 Je '60

TATAR A S. S. R.—GEOLOGY, STRATIGRAPHIC

Facies of the terrigenous Devonian on the eastern slope of the northern dome of the Tatar arch. I. S. Murav'ev, E. E. Ivanov, G. S. Veselov. Trudy VNIGNI no. 20:38-52 '59

TATAR A. S. S. R.—LIBRARIES—ACCESSIONS

Libraries' helper. Sh. Kadikov. Bibliotekar' no. 6:16-17 Je '60

TATAR A. S S. R—OIL WELL DRILLING

Happiness of creative work. M Gimazov. Sov profsoiuzy 16 no 10 12 My '60

TATAR A. S S. R.—PETROLEUM RESEARCH

Tatar Petroleum Research Institute. V. A. Eronin. Neftianik 5 no. 5:27-28 My '60.

TATAR A S. S. R—ROADS, GRAVEL

Using small doses of cement. R. F. Kil'matov. Avt. dor. 23 no. 4:9-10 Ap '60.

TATAR A. S. S. R.—SAVINGS BANKS—ACCOUNTING

Problems worth attention. V. Puchkov, N. Povesin. Fin. SSSR 21 no. 6,72 Je '60.

TATAR A. S. S. R.—SCRAP METAL INDUSTRY

We keep our word. M. Fakhreev. Sov. potreb. koop. 4 no. 2:23-24 '60.

TATAR A. S. S. R.—WATER, UNDERGROUND

Underground waters in the southeastern Tatar A. S. S. R. V. G. Gerasimov, G. F Khalikova Trudy VNIGNI no. 20 112-116 '59.

TAUTOMERISM

Tautomerism of comenamic acid. I. S. Belonogov, A P. Krasil'nikova. Soob. Prim. otd. VKHO no. 3 120-133 '57.

TAVDA—HYDROLYSIS

Operating the "Chelle" regulators. V. P. Chumakov. Gidroliz i lesokhim prom 13 no. 2:17-18 '60.

TAX ADMINISTRATION see subdivision under White Russia

TAXATION

(see also subdivision under United States)

First time in history. A. Pol'shchikov. Sov. profsoiuzy 16 no. 11 36-37 Je '60.

The tax burden of the laboring classes in the capitalist countries. S. Borisov, A. Bukin. Mir. ekon. i mezhdunar. otn. no. 6:110-123 Je '60.

The tax yoke of the monopolies and its apologists. M. Bogachevskii. Mir. ekon. i mezhdunar. otn. no. 6. 31-45 Je '60.

TAYMYR LOWLAND—GEOLOGY, STRUCTURAL

Latest tectonic movements in the Taymyr Lowland. IU N. Kulakov. Trudy NIIGA 106:234-277 '60.

TAYMYR PENINSULA—MAMMALS, FOSSIL

Mammalian remains of the mammoth era from the Taymyr Peninsula [with summary in English]. N K Vereshchagin. Biul MOIP Otd. biol 64 no 5 5-18 S-O '59.

TBILISI see Tiflis

TEA

(see also subdivision under Bostandykskiy District)

Effect of gibberellin on the growth of young tea shoots. M. A. Alizade, R. I. Kotomina. Fiziol. rast. 7 no. 3:341-344 '60.

Tea. E. Gurevich-Gur'ev. Obshchestv. pit. no. 4 52-54 Ap '60.

TEA MACHINERY

Using ultrahigh-speed cinematography for studying the mechanization of tea leaf picking L. I. Markarov Usp. nauch. fot. 6:206 '59.

TEACHERS see subdivision under Ukraine

TEACHERS—LEGAL STATUS, LAWS, ETC.

Legal advice. V. B. Kairukshtis. Sred. spets. obr. 7 no. 1:63 Ja '60.

TEACHERS—PENSIONS

New procedure in the granting of service pensions to teachers. V. Mykhailenko. Doshk. vykh. 21 no. 3:41-42 Mr '60.

TEACHERS, TRAINING OF

(see also subdivision under Moscow; Shanghai)

Anna Aleksandrovna Shcherbakova, a methodologist. E. Bogacheva Nar obr. no. 6,34-35 Je '60

Experience in teaching school hygiene in pedagogical institutes of Leningrad. E. I. Krivitskaia, S. K. Kunin. Uch. zap. Ped. inst. Gerts. 193:199-217 '59.

Practical training of students for educational work in schools. D. G. IUrov. Uch. zap. Ped. inst. Gerts. 193 157-198 '59.

School and life demand.... V. Antonov. Nar. obr. no 6 28-30 Je '60.

Some ways to improve the training of teachers in pedagogical institutes. I. V. Akulov. Sov. pedag. 21 no. 3 94-100 Mr '60.

What is to be learned from the experience of the heads of elementary education departments of the Institute for the Improvement of Teachers. P. I. Simakov. Nach shkola 28 no. 4:88-91 Ap '60.

Lokhvitsa; Ryazan

TEACHERS' INSTITUTES see subdivision under Sverdlovsk Province

TEACHING

Current "Pedagogical lectures" of the Academy of Pedagogical Sciences of the R.S.F.S.R. M.A. Zavatskaia. Nach.shkola 28 no 3 92-94 Mr '60.

In the Institute of Teaching Methods of the Academy of Pedagogical Sciences of the R.S.F.S.R. Sov.pedag 24 no.6:152-154 Je '60.

The lessons became more interesting and lively A. Khomenko Nar.obr no 6 45-46 Je '60.

Let's put an end to the lag in didactics. A. Grechishnikov. Nar obr no.6 46-50 Je '60

"The principles of teaching method; with special reference to post-primary education" [in English] by A. Pinsent Reviewed by V.A. Grachev. Sov.pedag. 24 no 6 130-137 Je '60

A serious scholarly study in didactics ("Basic problems of educational work in grade 5." Reviewed by I.A. Riabinichev and others) Sov.pedag. 21 no.3 138-141 '60.

Teacher's speech in history classes N. L. Prosina Prep ist.v shkole 15 no 1 83-87 Ja-F '60.

Why don't the rules help? N. Talyzina. Sem'ia i shkola 15 no.2 6-7 F '60

TEBERDA VALLEY—CROPS AND CLIMATE

Agroclimatic conditions in the Teberda Valley and the upper Kuban Valley. N.P. Stolypin. Trudy Tbil. NIGMI no.5:191-199 '59.

TEBERDA VALLEY—SOIL MOISTURE

Agrohydrological characteristics of mountain valleys in the Caucasus. G.D. Chikvaidze. Trudy Tbil. NIGMI no.5: 182-190 '59.

TECHNICAL ASSISTANCE, RUSSIAN

(see also subdivision under China; Poland)

In the name of the Soviet people. Ogonek 38 no.18:8-9 My '60.

Soviet economic and technical assistance to underdeveloped countries. P.N. Tret'iakov. Kul't. i zhizn' 4 no.3:4-9 '60.

Technical assistance in mastering original equipment. V Andreev. Vnesh.torg 30 no.6:32 '60

TECHNICAL EDUCATION

(see also subdivision under Czechoslovakia; Germany, East, Groznyy; Kemerovo Province; Kharkov; Korea, North; Lithuania; Lugansk; Saratov Province, Velikiy Ustiug)

Connection of academic instruction in the evening (staggered) schools with industry and the students' work. A.I. IAntsov. Sov.pedag. 24 no.3:36-44 Mr '60.

Directing technical schools and planning the training of specialists. G.A. Aleshina. Sred. spets. obr. 7 no.3: 12-14 Mr '60.

Expand the mental outlook of future engineers. P.D. Lebedev. Vest.vys shkoly 18 no.7:44-48 Jl '60.

Experience in organizing work outside class. L.B. Itel'son Shkola i proizv. 4 no.3.10-13 Mr '60.

How industrial enterprises and state and collective farms participate in training the specialists whom they will later employ. Otv.na vop.trud. no.111:26-29 '60.

Let's support progressive trends in the educational process. Prof.-tekh.obr. 17 no.3:1-2 Mr '60.

Let's train personnel for mechanized production. N. M. Vetlugin. Sred.spets.obr. 7 no.3:14-17 Mr '60.

Most important problems in the improvement of vocational and technical education in the Russian Federation. P.Khlopichnikov. Prof.-tekh.obr. 17 no.2:1-5 F '60.

Professional and technical training of workers. V. Petrov, M. Liberman. Sots.trud 5 no.3:29-33 Mr '60.

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Admission rules and examination requirements for entrance to the special secondary schools of the U.S.S.R. (technical schools) in 1960] Pravila priema i programmy priemnykh ekzamenov dlia pustupaiushchikh v srednie spetsial'nye uchebnye zavedeniia SSSR (tekhnikumy, uchilishcha, shkoly) v 1960 g. Moskva, Gos. izd-vo "Vysshaia shkola," 1960 52 p.

[MICROFILM]

School news. Prof.-tekh.obr. 17 no.2:32-3 of cover F '60.

School of Engineer Pronkin. Tekh.mol. 28 no.2:19,33 '60.

Schools for working youth should be drawn nearer to production F. P. Perevedentsev. Energetik 8 no.2, 36-37 F '60.

"The Soviet worker and automation." Book review. Prof.-tekh.obr. 17 no.3:31 Mr '60.

The task of every technical school staff member is to struggle continually for the strengthening of contacts between school and life. A. M. Apresov, N. Kh. Kurmashova. Sred. spets.obr. 7 no.1:11-18 Ja '60.

Toward new successes! V.P. Eliutin. Sred. spets.obr. 7 no 1:1-5 Ja '60.

Ways of training specialists for the mechanization and automation of production. I.I. Lebedev. Vest.vys. shkoly 18 no.7:8-13 Jl '60.

pave the way to progress. V. Timofeeva. Vest.vys. shkoly 18 no.7:28-35 Jl '60.

TECHNICAL EDUCATION—CONGRESSES

Conference of the heads of local offices for vocational and technical education of the U.S.S.R. Prof.-tekh.obr 17 no.2:6 F '60.

TECHNICAL EDUCATION—CURRICULA see subdivision under Taganrog

TECHNICAL EDUCATION—EXHIBITIONS see subdivision under Moscow

TECHNICAL LIBRARIES

"Libraries to the aid of production." Reviewed by G. Multanovskaia Bibliotekar' no 6 57-58 Je '60

Make technical books available to every worker. V. Koveshnikova Bibliotekar' no 6 21-22 Je '60

Technical library helps industry workers. O.N. Konovalova Tekst prom. 20 no.2:99-100 F '60.

TECHNICAL SOCIETIES

Each enterprise should have a primary organization of the scientific technological society. NTO 2 no.4:60 Ap '60.

Improve quality in planning. NTO 2 no.3:58 Mr '60.

In central and republic boards of societies. NTO 2 no.4:62 Ap '60.

In central boards and province councils of societies. NTO 2 no 3.62 Mr '60.

In the presidium of the All-Union Council of Scientific Technological Societies. NTO 2 no.4:61-62 Ap '60.

Publishing activity of societies. E. Butyl'skaia. NTO 2 no.3.60-61 Mr '60.

Reports and elections in primary organizations. E. Kovalerchuk, E. Tkachenko. NTO 2 no.4:59 Ap '60.

Universities, circles, seminars. Izobr. i rats. no.4 57 Ap '60.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Czechoslovakia, Germany, East, Gorkiy Province, Irkutsk Province; Kemerovo Province; Krasnodar, Leningrad, Leningrad Province; Lvov Province; Moscow)

For one hundred billions. Izobr. i rats. no.4:54 Ap '60.

From periodicals. NTO 2 no.4:63 Ap '60.

From the Second Plenum of the Central Board of the Scientific Technological Society of the Machinery Industry Mashinostroitel' no.4 2-5 Ap '60.

Igor Sharov's three vocations. L. Arnautov, IA. Karpov. Znan. sila 35 no.3 10-12 Mr '60.

Increasing organizational work in the struggle for technological progress. Plan khoz. 37 no.6.3-10 Je '60.

Instruction for calculating savings due to the introduction of inventions and efficiency suggestions. Izobr. i rats. no.3:56-63 Mr '60.

Khotoev, A.A., and M.V. Gazaliev. [Improvement of machinery and technological re-equipment are important tasks of the seven-year plan] Sovershenstvovanie tekhniki i tekhnicheskoe perevooruzhenie—vazhneishaia zadacha semiletki. Moskva, Gosplanizdat, 1960. 98 p.

Make progressive experience accessible to all A. Dmitriuk Agitator no.12 51-54 Je '60

The most modern machinery Agitator no 11 20-21 Je '60

New developments in the organization of the material stimulation of technological progress. V. Markov. Plan. khoz. 37 no.6 29-37 Je '60.

News from five continents. IUn.tekh. 4 no.2:16 F '60.

Notice board. Izobr. i rats. no.4:60-62 Ap '60.

Planning new technology at the Plenum of State Scientific and Technical Committee of the U.S.S.R. Plan. khoz. 37 no.6 93-96 Je '60.

Presniakov, A. G. [Road of research; notes of an inventor] Dorogoi iskanii, zapiski izobretatelia. Moskva, Gos. energ. izd-vo, 1959. 63 p

Readers' letters. NTO 2 no.3:20 Mr '60.

Regular labor activities of the country; review of the internal life of the U.S.S.R. M. Kur'ianov. Agitator no.7:16-20 Ap '60.

Savings exceed 100 billion roubles Agitator no 11 56-59 '60

Solopov, S.G. [V.I. Lenin on technological progress; revised text of a lecture delivered in the hall of the Society of Moscow] V.I. Lenin o tekhnicheskom progresse; pererabotannaia stenogramma lektsii, prochitannoi v TSentral'nom lektorii Obshchestva v Moskva, Izd-vo "Znanie," 1960. 36 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.4, Nauka i tekhnika, no.15)

Suggested, constructed, introduced. N. Bondar', A. Levkovskii, M. Nagai. Izobr. i rats. no.3:7 Mr '60.

Suggested, developed, introduced. V. Drobyshevskii and others. Izobr. i rats. no.4:32 Ap '60.

Suggestions for technological innovations. E. P. Torkanovskii. Sov. gos. i pravo no.6 46-52 Je '60.

Valuable suggestions collect dust on desks. A. Danilin. Izobr. i rats. no.4 62 Ap '60.

was the reason for creating technical commissions at the plants. N. Petrov. Otv.na vop.trud. no.109: 25-29 '59.

The "younger brother" of inventions. R. Shapiro. Izobr. i rats. no.4 42-46 Ap '60.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGICAL INNOVATIONS—COMPETITIONS

Competitions are announced, and results disappear. A. Goriainov. Izobr. i rats. no.4:56 Ap '60.

Conferences. NTO 2 no.3:15 Mr '60.

TECHNOLOGICAL RESEARCH see subdivision under Georgia

TECHNOLOGISTS

Fediukin, S.A. [Enlisting the services of the bourgeois technical intelligentsia in the building of socialism in the U.S.S.R.] Privlechenie burzhuaznoi tekhnicheskoi intelligentsii k sotsialisticheskomu stroitel'stvu v SSSR. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 86 p.

TECHNOLOGY

Around the world. Znan.sila 35 no.3:39-40 Mr '60.

Discovered by the human brain. A.A. Skochinskii. Ogonek 38 no.16:4 Ap '60.

In the world of technology Sov. Soiuz no 1 52 '60

Man improves the planet. B. Liapunov. Chto chitat' 3 no.2:13 F '60.

Material and technical basis of communism. L. Leont'ev. Agitator. no.8 17-24 Ap '60.

News around the world. Tekh.mol. 28 no.2:24 '60.

Revisions brought by a single decade. Znan. sila 35 no.3:13 Mr '60

Several problems of technological progress in the industry of the U.S.S.R. P. Khromov. Vop.ekon. no.7: 27-38 Jl '60.

Social and economic problems in technological progress. A. Sokolovskii. Sots.trud 5 no.2 141-145 F '60.

Solve creatively the problems of labor organization under conditions of modern technology. Sots.trud 4 no.12: 68-74 D '59.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—EXHIBITIONS see subdivision under Germany, East

TECHNOLOGY—JUVENILE LITERATURE—BIBLIOGRAPHY see Bibliography—Technology—Juvenile literature

TECHNOLOGY—TERMINOLOGY

Mastery of the technical terminology by students. A. Sorokin. Shkola i proizv. 4 no.3:92 Mr '60.

TEETH

Amount of microelements in the hard tissues of the tooth and alveolar process in healthy persons and in those with paradentosis. Z.N. Sharaevskaia. Probl. stom. 4:99-102 '58.

Change in the teeth and periodontium in experimental fluorosis. M.I. Tarnavskaia. Probl. stom. 4:143-150 '58.

Condition of the pulp in paradentosis. A.P. Samoilov. Probl. stom. 4:133-138 '58.

Peculiarities in the morphological structure of cement and dentine in paradentosis. N.A. Kodola. Probl. stom. 4:119-126 '58.

TEETH—ABNORMITIES AND DEFORMITIES

Traumatic occlusion and methods for its elimination in paradentosis. Z.F. Vasilevskaia. Probl. stom. 4 351-356 '58.

TEETH—TRANSPLANTATION

Primary and delayed replanting of teeth and roots. V.I. Kulazhenko. Vrach.delo no.2:159-164 F '60.

TEETH (FOSSIL)

Latest studies on the paleopathology of a skeleton and teeth. B.A. Nikitiuk. Vop antr. no.2:139-142 '60.

TEKTITE

Riddle of tektites. G.G. Vorob'ev. Priroda no.6:75-77 Je '60.

TELECOMMUNICATION

Certificates of invention. Elektrosviaz' 14 no.3:73 Mr '60

Certificates of invention. Elektrosviaz' 14 no.4:75 Ap '60.

Russia (1923- U.S.S.R.) Glavnoe upravlenie mezhdugorodnoi telefonno-telegrafnoi sviazi. [Manual on electric measurements of long-distance communication lines] Rukovodstvo po elektricheskim izmereniiam mezhdugorodnykh linii sviazi i radio, 1960. 194 p.

Simplified system of selector communications of peat works. V.G. Borisovich. Torf.prom. 37 no.2:32-33 '60.

Use all hidden potentials for lowering communication costs and rates. G E Golomb. Vest.sviazi 20 no 3 13-14 Mr '60

TELEGRAPH

Criterion for evaluation the quality of telegraph transmission N.B Zeliger Elektrosviaz' 14 no.4:62-71 Ap '60

Russia (1923- U S S R.) Ministerstvo sviazi Laboratoriia okhrany truda [Safety engineering rules for work on equipment and servicing of long-distance telephone, city telephone, and telegraph stations] Pravila tekhniki bezopasnosti pri rabotakh po oborudovaniiu i obsluzhivaniiu mezhdugorodnykh, gorodskikh telefonnykh i telegrafnykh stantsii Moskva, Gos izd-vo lit-ry po voprosam sviazi i radio, 1959 46 p.

Under the conditions of a 7-hour workday D G Aksel'rod Vest sviazi 20 no 3 25-26 Mr '60

We are studying the specific subject of communication economics A I Zaraiskaia Vest sviazi 20 no 3 15 Mr '60

TELEGRAPH—HANDBOOKS, MANUALS, ETC

Arkhipov, P.S., and G.M. Pivko [Brief reference book for electricians and wire communication technicians of transportation systems] Kratkii spravochnik elektromekhanika i montera transportnoi provodnoi sviazi. Moskva, Vses. izdatel'sko-poligraf. ob"edinenie M-va putei soobshcheniia, 1960. 125 p

TELEGRAPH, WIRELESS

Separation of frequency-telegraphy signals during fading and ideal reception V S Mel'nikov Elektrosviaz' 14 no 3 3-8 Mr '60

TELEMETER

Saibel', A.G. [Fundamentals of radio distance measurements; teaching aid] Osnovy radiodal'nometrii, uchebnoe posobie. Moskva, Gos. izd-vo obor promyshl., 1960. 114 p.

TELEMETERING

Choice of frequency range for pulse-frequency systems of industrial telemetering devices [with summary in English]. A.M. Pshenichnikov Avtom. i telem. 21 no 4 525-529 Ap '60

Circuit for light and sound signaling without relays. G B Kogan Energetik 8 no 2 16-17 F '60

TELEPHONE

Area of application of a trunk line with unilateral and bilateral operation B S Livshits Elektrosviaz' 14 no 3 57-67 Mr '60

Control of level in the NTChM-4 apparatus. V.I. Kurgapkin. Avtom., telem. i sviaz' 4 no. 2:41-42 F '60.

Crosstalk resulting from simultaneous transmission of television and telephone communications along the same lines B R Levin, IU. P. Maksimov, L. P Merkader. Elektrosviaz' 14 no 4:49-61 Ap '60.

Duplex amplifier for a telephone apparatus B K Baranovskii, G N Steranskii Vest sviazi 20 no 3 9-10 Mr '60

Nonlinear interferences in the linear channel of a coaxial cable with simultaneous transmission of telephone and television signals A K Oksman Elektrosviaz' 14 no 3 34-43 Mr '60

Question on the reservation of channels in four-wire conference calls. Avtom., telem. i sviaz' 4 no. 2:28 F '60.

Russia (1923- U S S R) Ministerstvo sviazi. Laboratoriia okhrany truda [Safety engineering rules for work on equipment and servicing of long-distance telephone, city telephone, and telegraph stations] pravila tekhniki bezopasnosti pri rabotakh po oborudovaniiu i obsluzhivaniiu mezhdugorodnykh, gorodskikh telefonnykh i telegrafnykh stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 46 p.

Synthetic telephoning. A.N. Volotskoi, G. P. Divnogortsev. Avtom., telem. i sviaz' 4 no. 2 11-15 F '60.

Telephone apparatus used by Lenin. Avtom., telem. i sviaz' 4 no. 4:4-5 Ap '60

Transmission parameters of a low-frequency TG cable in a frequency range up to 600 kC. B Z. Tomchin. Elektrosviaz' 14 no 4:72 Ap '60.

Under the conditions of a 7-hour workday D G Aksel'rod Vest sviazi 20 no 3 25-26 Mr '60

We are studying the specific subject of communication economics. A I Zaraiskaia Vest sviazi 20 no 3 15 Mr '60

TELEPHONE—EQUIPMENT AND SUPPLIES

Abene, V. A [Blocking relay devices for two-party lines] Blokiratory dlia sparennogo vkliucheniia telefonnykh apparatov. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959 26 p. (Lektsii po tekhnike sviazi)

Shortcomings of STU switchboards. V. G. Maltsov. Avtom., telem. i sviaz' 4 no. 4:39 Ap '60.

Solov'ev, Sh. G. [Apparatus of a trunk intraprovince long-distance semiautomatic telephone system with a one-frequency signal code] Apparatura magistral'noi i vnutrioblastnoi mezhdugorodnoi poluavtomaticheskoi telefonnoi sviazi s odnochastotnym signal'nym kodom. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 66 p. (Lektsii po tekhnike sviazi)

Arkhipov, P. S., and G. M. Pivko. [Brief reference book for electricians and wire communication technicians of transportation systems] Kratkii spravochnik elektromekhanika i montera transportnoi provodnoi sviazi. Moskva, Vses. izdatel'sko-poligraf. ob"edinenie M-va putei soobshcheniia, 1960. 125 p

TELEPHONE, AUTOMATIC

(see also subdivision under Leningrad)

Circuit for automatic switching into long-distance lines. V.S. Travin. Avtom., telem. i sviaz' 4 no. 2:34-35 F '60.

Connecting cord for a ten-step selector. V. A. Glinskikh Avtom., telem. i sviaz' 4 no. 2:32 F '60.

Standardize the UATS 50/100 automatic telephone exchange Avtom, telem i sviaz' 4 no 3 43 Mr '60

Trends in the development of automatic telephone exchange technology in the present seven-year plan L S Farafonov Vest sviazi 20 no 3 4-5 Mr '60

TELEPHONE DIRECTORIES see subdivision under Kiev

TELEPHONE STATIONS

Electronic automatic telephone exchange equipped with semiconductor devices O A Sobolev, E M Ponomareva Biul tekh -ekon inform no 2 40-42 '60

TELESCOPE, RADIO

The universe is speaking... D. Dmitriev, K. IUr'ev. Sov. Soiuz no. 2 8-9 '60.

TELETYPE

Function of the degree of distribution of telegraph signal distortion caused by a teletypewriter G A Emel'ianov Elektrosviaz' 14 no 3 52-56 Mr '60

Teletypewriters should be provided with special ribbons G IA Dovol'nov Avtom, telem i sviaz' 4 no 3 39 Mr '60

TELETYPE—EQUIPMENT AND SUPPLIES

Russia (1923- U.S.S.R.) Ministerstvo oborony. [Manual on the design and operation of the ST-35 telegraph apparatus] Telegrafnyi apparat ST-35, rukovodstvo po ustroistvu i ekspluatatsii. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 180 p. (Material'naia chast' sredstv i sviazi)

TELEVISION

Concerning N. K. Ignat'ev and A. K. Kustarev's article "Methods for compressing the spectrum of the television signal" Elektrosviaz' 14 no. 4:73 71 Ap '60

Exchange of television programs between Moscow and Kiev. Vest sviazi 20 no 3 12 Mr '60

For further development and improvement in the means of radiobroadcasting and television Vest sviazi 20 no 3 1-3 Mr '60

Foreign patents Elektrosviaz' 14 no 3 74-75 Mr '60.

Gladkov, K. A. [Television and its applications] Televidenie i ego primenenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 190 p. (Nauchno-populiarnaia biblioteka)

Kaledin, P.V. [Advice for television viewers] Sovety telezriteliam. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 87 p.

Powerful means of education, for Radio Day. Agitator no 8:42-44 Ap '60.

A physicians word about television. I. Akulinichev. Radio no. 3 39 Mr '60.

Radiobroadcasting and television technology should be improved Radio no 3 14 Mr '60

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po radioveshchaniiu i televideniiu. [Radio and television in the U. S. S. R.] Radio i televidenie v SSSR. Moskva, 1960. 164 p.

Television automata. K Mikhalkov. Radio no. 3:18-19 Mr '60

Television in Lenin's fatherland. V. Polikarpov. Radio no 3 6-7 Mr '60.

Television projector. A. Pilmakian. Radio no. 3 44-46 Mr '60

TELEVISION—ANTENNAS

Giant television antenna tower. O. Gliadeshkin. Znan. sila 35 no. 3 32 Mr '60.

New television cables. Radio no. 3:63-64 Mr '60.

Wide-band high-gain television receiving antenna. L Minash. Radio no. 3:50-51 Mr '60.

TELEVISION—EQUIPMENT AND SUPPLIES

New voltage stabilizer for feeding television receivers. S. M. Shevchenko. Vest. elektroprom. 31 no. 3:76-79 Mr '60.

TELEVISION—INTERFERENCE

Crosstalk resulting from simultaneous transmission of television and telephone communications along the same lines. B. R. Levin, IU. P. Maksimov, L. P. Merkader. Elektrosviaz' 14 no. 4:49-61 Ap '60.

TELEVISION—RECEIVERS AND RECEPTION

They can see faraway places from the village of Gritsevo D. Korotchuk. Ukraina no 6 32 Mr '60.

Use of twelve channel PTK adapters in "Avangard-55," "Yenisey," and "Znamia" television receivers. IU. Mokrous. Radio no. 3 49 Mr '60.

Nonlinear interferences in the linear channel of a coaxial cable with simultaneous transmission of telephone and television signals A K Oksman Elektrosviaz' 14 no 3 34-43 Mr '60

TELEVISION, COLOR see Color television

TELEVISION BROADCASTING see subdivision under Stalino Province

TELEVISION CAMERA

Transient amplitude-frequency and phase-frequency characteristics of television cameras with a travelling beam. L T. Pereverzentsev Elektrosviaz' 14 no 3 17-25 Mr '60.

TELEVISION IN SCIENCE EDUCATION

Use of television for publicizing scientific and technical information Vest AN SSSR 30 no 6 124-125 Je '60

TELEVISION MUSIC

"How to read song notes." I. Chumakova. Sov. muz. 24 no. 3 140-141 Mr '60.

Must television music programs be presented in this manner? G. Golovinskii. Sov. muz. 24 no. 3:139-140 Mr '60.

TELL ATRIB, EGYPT—ARCHAEOLOGY

Tell Atrib, 1957-1958. Kazimierz Michalowski. Vest. drev ist. no. 1 186-202 '60.

TELLURIUM—ANALYSIS

Determining aluminum in tellurium by means of an amonite. N P. Strel'nikova, V. N. Pavlova. Zav. lab. 26 no. 4.425-426 '60.

TEMPERAMENT

Akademiia pedagogicheskikh nauk RSFSR. Moscow. Institut psikhologii. [Typological peculiarities of the higher nervous system in man] Tipologicheskie osobennosti vysshei nervnoi deiatel'nosti cheloveka. Otvet. red. B. M. Teplov. Moskva.
Vol. 2. 1959. 228 p.

TEMPERATURE see subdivision under Mingechaur Reservoir, North Sea

TEMPERATURE—MEASUREMENT

Determination of the plasma temperature of an electric arc S A. Shipitsyn, V V. Plastinin. Izv. vys ucheb zav, fiz no 6 169-171 '59.

Probe and optical methods of measuring the electron temperature and relative electron concentrations I I Murav'ev. Izv. vys ucheb. zav, fiz. no 6 71-76 '59

TEMPERATURE—PHYSIOLOGICAL EFFECT

Change in some biochemical indexes following action on the body of alternating high and low air temperatures G Kh Saakhbazian, F M. Shleifman Vrach delo no 4 399-401 Ap '60.

Effect of temperature on the intensity of respiration of certain phytohelminths [with summary in English] N M. Ladyhina Dop. AN URSR no. 2.228-231 '60.

TEMPERATURE REGULATORS

Electric temperature regulator for grain dryers. M. Fomichev, IU. Tiukhmenev, IU. Freger. Muk.-elev. prom. 26 no. 1:16-18 Ja '60.

Electronic temperature regulator. T. D. Voitikova, V. I. Goryshin. Trudy GGO no. 100:105-109 '60.

Inertia lag of indicators of various temperature regulators protected by chemically stable coatings. I. I. Belinskii, F. L. Al'ter-Pesotskii. Khim. volok. no. 1:63-64 '60.

TEMPERATURE SENSE

Climatic factors of heat perception in man. M. I. Budyko, G. V. TSitsenko. Izv. AN SSSR. Ser. geog. no. 3:3-11 My-Je '60.

TEMPERING

Controversial opinions formed on the carbide phase formation during the tempering of carbon steel. B. A. Apaev. Fiz. met. i metalloved. 9 no. 3:400-414 Mr '60.

TEMPLES, GREEK see subdivision under Sparta

TEMPORAL BONE—RADIOGRAPHY

X-ray anatomy of the temporal bone in tomographic representation B. M. Ostrovov. Med. zhur Uzb. no. 7:41-44 Jl '58.

TEN COMMANDMENTS see Commandments, Ten

TENNIS

First test of strength. M. Merzhanov. Ogonek 38 no. 11:29 Mr '60.

TENSIOMETERS

Determining the components of tractional resistance of a tractor-mounted planing machine by a tensiometric apparatus and wire pickups L. A. Kamyshentsev. Trudy SevNIIGIM no 15 83-95 '58

TEODOROV-BALAN, ALEKSANDUR, 1869-1959

In memory of A. Teodorov-Balan. T. E. Kirkova. Sov. bibl. no. 1:123-126 '60.

Let's teach economics to collective farmers I Smitovskii Sots.kul't 11 no 3 20-21 Mr '58

TEREK VALLEY—ALLUVIUM

Origin of morainelike beds in valleys of the Terek, Gizeldon, and Urukh Rivers. E.M. Velikovskaia, A G. Kozhevnikov Vest.Mosk un Ser.biol ,pochv.,geol , geog. 14 no 4:125-134 '59

TEREPHTHALIC ACID

Elucidation of the relation between the structure and orientation of the molecular chains in polyethylene terephthalate [with summary in English] N.V Mikhailov and others. Vysokom.soed. 2 no 6:942-946 Je '60.

TERNOPOL PROVINCE—SOCIAL GROUP WORK

Let's try to meet the cultural demands of workers more thoroughly H Shevchuk Sots kul't. 13 no 2 3-1 F '60

TERENT'EV, BORIS PETROVICH, 1899-

Sixtieth anniversary of the birth of Boris Petrovich Terent'ev Radiotekhnika 15 no 3 80 Mr '60

TERRA COTTAS, CHINESE

Terra-cotta figurines of monkeys from Khotan (an analysis). L.Gumilev. Soob.Gos.Erm no.16.55-57 '59.

TERRAMYCIN

Parenteral use of terramycin hydrochloride. S.M.IAkim. Vrach.delo no.2:101 F '60.

TERRESTRIAL ELECTRICITY see subdivision under Antarctic regions, Mirnyy region, Antarctica, Oasis region, Antarctica

TESTICLE

Restorative processes in the testicles of sexually immature rabbits following a period of starvation V V Makhovko, A.V Rodnikov. Uch.zap 2-go MGMI 16 154-163 '58.

TESTING LABORATORIES

(see also subdivision under Cheboksary, Moscow, Novosibirsk)

Factory testing laboratory. A.I.Riabinina, V.A.Pavlovich. Khim.volok. no.1:68 '60.

Increasing the labor productivity of testing laboratories. E.S Adariukov. Izm.tekh. no.3:52-54 Mr '60.

Make the work of factory laboratories more active. N.G. Kliuchnikov. Izm.tekh. no.3,54-55 Mr '60.

Role of laboratories at canning factories. D.I.Slobodskaia. Kons.i ov.prom. 15 no.3:37-38 Mr '60.

TESTING MACHINERY

Machine for testing the electrical strength of articles and molded materials. A.V.Kupavo. Plast.massy no.3:74-75 '60.

TESTING MACHINES

All-purpose machine for investigating relaxation. I.P. Daushis. Zav.lab. 26 no.3:372-373 '60.

Brief reports. Zav.lab. 26 no.3:381-382 '60.

Method and the set-up for investigating the process of elasto-plastic deformation under tension and compression. S.V.Serensen, P.I.Kotov Zav.lab. 26 no 3:332-335 '60

Remodeled IP-2 machine for testing relaxation. E.D. Kondrat'ev. Zav.lab. 26 no.3:373 '60

TESTOSTERONE

Testosterone propionate and its use in rosacea keratitis. Kh.I.Babenko, M.I. Merkulova. Oft.zhur. 12 no.5:270-273 '57.

TETANUS

Case of recovery from tetanus. A.A.Arsent'ev. Fel'd. i akush. 25 no.3 41 Mr '60

TETRALOGY OF FALLOT

Initial observations of late results following anastomosis of the peripheral ends of the vena cava superior and the branches of the pulmonary artery in case of dextroposition of the bulbus cordis (in Fallot's tetralogy) [with summary in English]. E.N.Meshalkin, V.I.Frantsev. Grud.khir. 1 no.1:52-59 Ja-F '59.

Treatment of Fallot's tetralogy [with summary in English]. N.M.Amosov. Grud.khir. 1 no.1:47-52 Ja-F '59.

TEXTBOOKS

(see also subdivision under Ukraine)

Discussing the article of Comrade Sarychev. Zh.I.Stepanova, G.M.Khramova. Sred.spets.obr. 7 no.3:29-32 Mr '60.

TEXTILE FABRICS

Changes in the properties of textile materials during repeated washing in different types of home washing. A.I.IAkovlev. Sbor.nauch.rab.INKH no.16:66-79 '59.

Peroxide bleaching of back grey. S.A.Plaksin and others. Tekst.prom. 20 no.2:45-48 F '60.

Porosity of textile fabrics and its determination. N.A. Arkhangel'skii. Sbor.nauch.rab.INKH no.16.3-6 '59.

TEXTILE FABRICS—PERMEABILITY

Air permeability of fabrics as related to structure. N.A. Arkhangel'skii Sbor.nauch.rab INKH no.16:7-20 '59

TEXTILE FABRICS—TESTING

Comparative testing of fabrics on an air permeability apparatus and in a wind tunnel L.V.Potapova. Izv. vys.ucheb.zav , tekh.tekst prom no.1.40-46 '60.

TEXTILE FABRICS, COPTIC

Two Egyptian woven fabrics of the 8th and 9th century. S.Pevzner. Soob Gos.Erm no.16 52-54 '59

TEXTILE FACTORIES see subdivision under Ivanovo

TEXTILE FACTORIES—HEATING AND VENTILATION

Useful book ("Ventilation, humidification, and heating in textile factories" by N.S Sorokin Reviewed by M P. Kalinushkin). Izv vys.ucheb.zav., tekh.tekst.prom. no 1,158-159 '60.

TEXTILE FACTORIES—LABOR PRODUCTIVITY

Labor productivity in synthetic fiber factories. G.E.Birger and others. Khim.volok. no.1:40-43 '60.

TEXTILE FACTORIES—MANAGEMENT

Efficient arrangement of looms. A.A Novozhylov. Tekst. prom. 20 no.2.12-14 F '60.

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Chernigov; Great Britain, Kalinin, Mogilev Province)

Certain problems related to the new techniques and processes involved in the manufacture of viscose fibers. E.M.Mogilevskii. Khim.volok. no.1:3-9 '60.

Complexometric determination of sodium sulfate in precipitation baths in the manufacture of synthetic fibers. L.A.Vol'f, A.I.Meos, S.A.Inkina. Khim.volok. no.1:32-33 '60.

Device for cutting synthetic fabrics. P.Kasperavičius. Tekst.prom. 20 no 2 54-55 F '60.

Efficient technology of manufacturing elastic yarn. G.V. Sokolov. Khim.volok. no.1:54-60 '60.

Gradient method of determining the specific gravity of synthetic fibers. N.V.Mikhailov, N.N.Zav'ialova, V.O. Gorbacheva. Khim.volok. no 1:19-22 '60.

Investigating the parameters of flyer frame winding in processing staple fibers. Z.M Orlova. Izv.vys.ucheb. zav.; tekh tekst.prom. no.1,60-69 '60.

Labor productivity in synthetic fiber factories. G.E.Birger and others. Khim.volok. no.1:40-43 '60.

Materials from synthetic fibers. P.Novoderezhkin. Sov.potreb.koop. 4 no.3:88-89 Mr '60.

New spinning machines for the manufacture of polyamide fibers. H.Welter. Khim.volok. no.1:13-17 '60.

Production of fiber from polyvinyl chloride (U.S. patent No.2,822,237). Khim.volok. no.1:74 '60.

Quantitative determination of artificial cellulose fibers in mixed fabrics. L.K.Uspenskii. Sbor.nauch.rab. INKH no.16:80-84 '59.

Role of surface active agents in the production of synthetic fibers (from "Ind. and Chem.," no.4, 1959). Khim. volok. no.1:71 '60.

Rozen, B.IA. [Wonderful materials] Udivitel'nye materialy. Moskva, Izd-vo "Znanie," 1959. 85 p.

Synthetic fiber factories must contribute to the economy of electric power consumption. Khim.volok. no.1:1-2 '60.

Use of spot analysis in the identification of synthetic fibers (from "Text.Res.J.," no.10, 1958). Khim.volok. no.1:74 '60.

Variability of the submicroscopic structure and mechanical properties of polycaprolactam fibers. T.Zhilinskii. Izv.vys.ucheb.zav., tekh.tekst.prom. no.1:17-31 '60.

TEXTILE FIBERS, SYNTHETIC—CONGRESSES

Conference of specialists of the production of synthetic fibers of the member countries of the Council of the Mutual Economic Aid. Khim.volok. no.1:75 '60.

Third conference of the Workers' Group on viscose and synthetic cord I.P Nagdaseva Kauch i rez. 19 no 2:51-52 F '60.

TEXTILE FIBERS, SYNTHETIC—TESTING

Device for determining thermal and plastic properties of synthetic fabrics. IU.A.Mazov. Tekst.prom. 20 no.2:56-57 F '60.

Investigating the processes of strengthening polypropylene fiber, its thermal relaxation, and some of its properties. S.A.Nechaeva, Z.A.Rogovin. Khim.volok. no.1:10-12 '60.

TEXTILE FINISHING

Effect on sonic and ultrasonic oscillations on certain textile finishing processes. V.F.Androsov, A.A. Kharkharov. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.1:129-136 '60.

TEXTILE INDUSTRY

(see also subdivision under Alma-Ata; Germany, East; Ivanovo; Kalinin Province; Kazakhstan; Korea, North; Leningrad, Leningrad Province; Riga; Siberia; Vladimir Province)

Along the road of the best. E.Mikulina. Sov.kras.krest 10 no.1:14-15 Ja-F '60.

Basic directions in developments in equipment and techniques in the textile industry during the present seven-year plan. P.V.Belyshev. Izv.vys.ucheb.zav., tekh. tekst prom. no.1:3-8 '60.

Creative work develops the new man. A.Matveev. Agitator no.8.53-56 Ap '60

For the rapid development of the textile industry A Gandurin Part zhizn' no 12 16-22 Je '60

Mechanization of conveying in enterprises of the textile industry F S Kuprianov, F F Martynkin Mekh i avtom proizv 14 no 3 39-44 Mr '60

Mutual help between collectives. N.Markov, M Beliaev. Sots.trud 5 no.2,98-102 F '60.

New wage schedule in branches of the textile industry. A Sever'ianova. Sots trud 4 no.12 46-53 D '59.

State regulation of the Russian textile industry during the First World War. V.IA.Laverychev. Nauch.dokl.vys. shkoly, ist.nauki no.2:69-80 '58.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—COSTS

Cutting unnecessary expenses. A.S.Zotov. Tekst.prom. 20 no.2:86-87 F '60.

TEXTILE INDUSTRY—COSTS see subdivision under Ivanovo

TEXTILE INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Tashkent)

Callisthenics in enterprises of the textile industry. G.G. Sanoian. Teor.i prak.fiz.kul'. 22 no.12 934-937 '59.

Sanitary and hygienic characteristics of the atmosphere in the preparatory shops of the milling and feltmaking industry. N.N.Krasnoshchekov, B.P.Lugovkin. Kaz. med.zhur. 41 no.1:105-108 Ja-F '60.

TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Organization of continuous work on reels. K.I.Spasskaia, L.P.Berlinkova, G.A.Ragozhina. Tekst.prom. 20 no.2 69-70 F '60

TEXTILE INDUSTRY—PRODUCTION STANDARDS see subdivision under Vladimir Province

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Ul'yanovsk

TEXTILE MACHINERY

(see also subdivision under Ivanovo; Klin; Tashkent)

AChV-V carding-knitting machine unit. Tekst.prom. 20 no.2,44 F '60.

Consultations. Tekst.prom. 20 no.2:93 F '60.

Device for the automatic regulation of filament tautness on BP-16 rewinding machines. V.V.Lushin. Khim. volok. no.1:62 '60.

Effect of guides on the tension of the moving yarn. E.D. Efremov. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.1:86-96 '60.

Efficient technology of manufacturing elastic yarn. G.V. Sokolov. Khim.volok. no .54-60 '60.

Investigating the tensions of a fast moving yarn. E.A. Onikov. Izv.vys.ucheb.zav., tekh.tekst.prom. no.1:97-104 '60.

Lap self-doffing on a scutching machine. A.A.Dylevskii. Tekst.prom. 20 no.2:74-76 F '60.

Plastic components for textile machinery. L.M.Zhuravskii, M.I.Kogan. Tekst.prom. 20 no.2:28-32 F '60.

Possible speed of the yarn in spring tension devices. V.V.Strzhalkovskaia, E.D.Efremov. Izv.vys.ucheb. zav.,tekh tekst.prom. no.1:105-110 '60.

Reducing yarn breakage not less then two or three times. Tekst.prom. 20 no.2:1-3 F '60.

TEXTILE MACHINERY—ELECTRIC DRIVING

Current status of automized electric drive in the textile industry and the outlook for the expansion in the immediate future. K.S.Shishlo. Izv.vys.ucheb.zav.; tekh. tekst.prom. no.1:152-155 '60.

TEXTILE MACHINERY—VIBRATION

Vibration measurement by means of high-speed cinematography. Kh.Z.Regel'man. Tekst.prom. 20 no.2:59-61 F '60.

TEXTILE PRINTING

Printing with pigments based on polyvinyl acetate emulsion. G.I.Shilova. Izv.vys.ucheb.zav.; tekh.tekst. prom. no.1:133-136 '60.

TEXTILE PRINTING—EQUIPMENT AND SUPPLIES

Peroxide bleaching of back grey. S.A.Plaksin and others. Tekst.prom. 20 no.2:45-48 F '60.

TEXTILE RESEARCH see subdivision under Naro-Fominsk

TEXTILE SCHOOLS see subdivision under Moscow

TEXTILE WORKERS

(see also subdivision under Moscow; Tashkent)

The Moiseevs from the "three mountains." G.Grigor'ev. Sov.profsoiuzy 16 no.12:36-37 Je '60.

Young textile workers are weaving the threads of friendship. Jean Lamberte. Mol.mira no.10 16-17 '59.

THAILAND—ECONOMIC CONDITIONS

United States expansion in Thailand. V. Pavlovskii. Mezhdunar. zhizn' 7 no. 6:135-140 Je '60.

THAILAND—DEFENSES

United States expansion in Thailand. V. Pavlovskii. Mezhdunar. zhizn' 7 no. 6:135-140 Je '60.

THALLIUM

Geochemical relations of Li, Na, K, Rb, and Tl in alkaline magmas and their petrogenetic significance [with summary in English]. B. I. Zlobin, V. I. Lebedev. Geokhimiia no. 2:97-103 '60.

Ratio between the thallium and rubidium content of minerals from pegmatite veins of the Kola Peninsula according to the data of spectrum analysis [with summary in English]. T. F. Borovik-Romanova, A. P. Sosedko. Geokhimiia no. 1:31-36 '60.

THALLIUM—ANALYSIS

Determination of thallium in its antimony, arsenic, and phosphorus alloys. A. I. Busev, V. G. Tiptsova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:89 [illegible] '60.

THALLIUM ALLOYS

Determination of thallium in its antimony, arsenic, and phosphorus alloys. A. I. Busev, V. G. Tiptsova. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:89 [illegible] '60.

THALLIUM COMPOUNDS

Effect of alkali metal cations on the composition and stability of [illegible] ions. I. [illegible], V. I. [illegible]. Zhur. neorg. khim. 5 no. 2:[illegible] '60.

THAWING

(see also subdivision under Pabeni Valley)

Theoretical calculations of thawing foundations of buildings and structures. V. P. Dobkatov. [Trudy] NIIOsP no. 10:[illegible] '60.

THEATER

(see also subdivision under Belgium, Buryat Mongolia, Daghestan, Greece; Japan, Kazan; Kirghizistan, Kuybyshev, Lvov, Magadan, Moscow, Olsztyn, Ukraine; Ural'sk, Vietnam, North, White Russia, Zaporozh'ye)

Best means of communication among peoples. D. Ro[illegible]. Kul't. i zhizn' 4 no. 5:10-11 '60.

Do you have the [illegible]. [illegible]. Teatr 21 no. 1:55-62 Mr '60.

Form is not the principal thing. Vera Redlikh. Teatr 21 no. 1:[illegible] Mr '60.

In the interests of the employees. Inostr. lit. no. 3 211-214 [illegible] '60.

Manner and style (performances of the Hamburg Drama Theater in Leningrad and Moscow). N. Berkovskii. Teatr 21 no. 1:168-178 Mr '60.

News from Krasnodar and other cities. Teatr 21 no. 3 152-154, 159-165 Mr '60.

No refunds or exchanges! But why not? [illegible]. Teatr 21 no. 1:[illegible] Mr '60.

On the theater of the present and of the future. Nikolai Akimov. Teatr 21 no. 1:[illegible]-44 Mr '60.

Politics and poetry ("Images of the times" by A. Matskin. Reviewed by B. Singerman). Teatr 21 no. 3:141-145 Mr '60.

What is a people's theater. L. Novskii. Kul't. i zhizn' 4 no. 3:[illegible] '60.

With and without make-up. Argo. Teatr 21 no. 3 137-141 Mr '60.

THEATER—BIBLIOGRAPHY see Bibliography—Theater

THEATER—PERIODICALS

At our readers' conferences. Teatr 21 no. 3:166 Mr '60.

Correspondence with our readers. Teatr 21 no. 3:148 Mr '60.

THEATER—PRODUCTION AND DIRECTION

The "crisis" of routine stage direction. N. Krymova. Teatr 21 no. 3:61-75 Mr '60.

A profession and a vocation. Al. Shatovskii. Teatr 21 no. 1:77-82 Mr '60.

The purposefulness of the stage director. Andrei Goncharov. Teatr 21 no. 3:45-54 Mr '60.

THEATERS see also subdivision under Paris, Zhitomir

THEATERS—CONSTRUCTION see subdivision under Leningrad, Moscow

THEFT see Larceny

THEODOLITES

Preliminary results of using automatic recording in observing artificial satellites with theodolites [with summary in English]. Biul. sta. opt. nabl. isk. sput. Zem. no. 6:11-12 '59.

THERAPEUTIC SOCIETIES see subdivision under Ukraine; White Russia

THERAPEUTICS

(see also subdivision under Moldavia)

Fate of [illegible] therapy in the history of medicine. V. M. Karasik. Vest. AMN SSSR 14 no. 8:89-[illegible] '59.

THERAPEUTICS, PHYSIOLOGICAL

[Problems in physical therapy and health resort care] Voprosy fizioterapii i kurortologii. Moskva, Medgiz, 1959. 307 p. (DNLM)

THERMAL DIFFUSIVITY

Summary of the experimental data on the thermal diffusion of gases. A. G. Usmanov, A. N. Berezhnoi. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:[illegible] '60.

THERMAL EXPANSION see Expansion (Heat)

THERMAL STRESSES

Analogy between the temperature problems and the action of three-dimensional forces. D. I. Sherman [illegible]. Mekh. i mashinostr. no. [illegible] '60.

Investigating the relation of saturation magnetization to the load factor of invar-type iron-nickel alloys. [illegible] Titov, V. I. Somin. Sbor. trud. TsNIIChM no. 23 [illegible] '60.

[illegible] (Plastic [illegible]; transactions of the Third Conference on the Theory of Rolling Processes) [illegible]. Moskva, Izd-vo AN SSSR, 1960. 241 p.

Thermal conditions of the performance of [illegible] machines and coal combines. M. M. [illegible] and others. [illegible] '60.

THERMAL STRESSES—MEASUREMENT

Experimental determination of the [illegible] gauges. M. I. Chuvs[illegible]. [illegible] 1960.

THERMISTORS

Determining characteristics of the [illegible] equipment. M. V. [illegible]. [illegible] no. [illegible] '60.

Possibility of using thermistors for measuring [illegible] of water flow. [illegible]. Biul. [illegible] 62-64 '60.

Temperature stability of [illegible] thermistors. [illegible]. Avtom. i telem. 21 no. 4:[illegible] Ap '60.

Use of thermal [illegible] for voltage and current [illegible] V. M. Popov. Avtom. i telem. 21 no. 4:[illegible] Ap '60.

THERMOCOUPLES

Forked current collecting [illegible] temperature of [illegible] Avt. [illegible] Ap '60.

Investigating the properties of protective [illegible] couples. F. V. Ilushina. Ogneupory 25 no. 4:[illegible] '60.

[illegible] thermocouples. [illegible] no. [illegible]

THERMODYNAMICS

Isachenko, V. P. [Technical thermodynamics] [illegible] Kirillin. Moskva [illegible] 19[illegible]

THERMODYNAMICS—CONGRESSES

Symposium [illegible] 278 [illegible] '59.

THERMODYNAMICS—ELECTROMECHANICAL ANALOGIES

Electric modeling of the [illegible] underground [illegible] ("Investigation [illegible] mode") [illegible] Ugol' Ukr. [illegible] '60.

THERMOELECTRIC APPARATUS AND APPLIANCES

Alloys for high-temperature heat-sensing elements. [illegible] Filatov. Sbor. trud. TsNIIChM no. 22:[illegible] '60.

THERMOELECTRICITY

Effect of an admixture on the thermoelectric [illegible] from the drag effect in semiconductors. [illegible] Izv. AN SSSR Ser. Fiz. [illegible] no. 1:[illegible] '60.

The thermoelectric effect of freezing water. [illegible] Shvartsblat. [illegible] no. 6:[illegible] '60.

THERMOMAGNETISM

Temperature dependence of the [illegible] R. P. Ivanova. [illegible] '59.

Thermomagnetic treatment and ordering processes. Part 4. Investigating the effect of thermomagnetic treatment on crystal lattice parameters in ordered [illegible] cally and alloys. A. A. Glazer, [illegible] M. Mazat. Fiz. met. i metalloved. 9 no. 1:[illegible] Mr '60.

THERMOMETERS—TESTING

Changes in instructions for checking temperature-measuring instruments. N. M. [illegible]. Izm. tekh. [illegible] 62-64 Mr '60.

THERMOMETRY

Reproduction of the brightness temperature [illegible] photoelectric method. I. I. Kirenkov, V. A. [illegible], G. A. Krakhmal'nikova. Izm. tekh. no. 3:18 [illegible] '60.

[illegible]

THIAMIN

[illegible]

THOUGHT AND THINKING (Continued)

On the reflective function of the brain. [with summary in English, pp. 185-186] N. V. Medvedev Vop filos 14 no 6:109-119 '60

Some remarks in connection with A. A. Vetrov's article "Productive thought and association." S. L. Rubinshtein. Vop. psikhol. 6 no. 1:156 Ja-F '60.

THREE BODIES, PROBLEM OF see Problem of three bodies

THUMB

Plastic restoration of the thumb. V. G. Vainshtein. Trudy Len. gos. nauch.-issl. inst travm i ortop. no. 7 81-91 '58

THUNDERSTORMS

(see also subdivision under Kazakhstan)

Radar characteristics of showers and thunderstorms. N. F. Kotov. Trudy GGO no 102:83-93 '60.

THYMOLSULFONEPHTHALEIN

Spectrophotometric study of the reaction of zirconium with methyl thymol blue. V. F. Luk'ianov, E. M. Knia-zeva Zav lab 26 no 3:263-265 '60

THYMUS GLAND

Late results of the treatment of myasthenia gravis by irradiation of the thymus with X rays and surgery of the resulting radiation ulcer [with summary in English]. M. A. Merkova, N. P. Mordvinova, E. B. Golland. Vest rent i rad 35 no. 1 45-47 Ja-F '60.

THYRATRONS

Calculation of binary cells using cold-cathode thyratrons A A Genis. Izv vys. ucheb zav., radiotekh 2 no 6 704-711 N-D '59

THYROID GLAND

Influence of an excess of copper on thyroid gland function. Z. V. Novokhatskaia. Vrach. delo no. 2:155-157 F '60.

Influence of manganese on the thyroid gland of rats in iodine insufficiency. T. S. Samofial Vrach delo no 3. 313 Mr '60.

Influence of prolonged use of synestrol on the thyroid gland M D Podil'chak, P P Kalyniuk Vrach delo no 4 387-388 Ap '60.

Investigation of thyroid gland function in hypertension by means of radioactive iodine. N. M. Mukharliamov. Med. zhur. Uzb. no. 10 24-27 O '58.

THYROID GLAND—DISEASES

Carbohydrate metabolism in patients with thyreotoxicosis as related to treatment with radioactive iodine. N G Gamkrelidze Soob. AN Gruz. SSR 23 no 5 610-626 N '59

Function of the thyroid gland following its resection in thyrotoxicosis patients. A A Ivanchenko. Vrach delo no 1:55-58 '60.

Stomach function in thyrotoxicosis. Sh. Sh. Il'iasov. Med zhur. Uzb. no. 10:20-23 O '58.

THYROIDIN—PHYSIOLOGICAL EFFECT

Influence of galascorbin and thyroidin on the restorative processes in injured muscles L. F. Khomitskaia Vrach delo no. 4 431-433 Ap '60

THYROXINE

Change in the intensity of tumor growth in experimental hypothyreosis and hyperthyreosis [with summary in English] M I. Tarnavskaia Vrach delo no. 1:11-13 '60.

Hormones of the thyroid gland and their analogs Part 5 New synthesis of β-thyroxine N N Suvorov, A. A Dudinskaia Zhur ob khim. 30 no 6:2051-2055 Je '60

TIBIA—FRACTURE

Proliferation of epithelium in bone tissue. A. N. Antipina. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7: 25-29 '58.

TIBIA—TUMORS

Possibility of grafting a giant-cell tumor into the soft tissues. IA. S. IUsevich. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 7:203-207 '58.

TICKS

The life cycle of ticks of the family Ixodidae. G. V. Serdiukova. Trudy Vses. ent. ob-va 47:273-289 '60.

Manifestation of resistance to chlorinated hydrocarbons by insects and ticks V I Vashkov. Zhur mikrobiol. epid. i immun. 31 no. 2:122-128 F '60.

Variation of gas exchange in the tick Hyalomma asiaticum asiaticum P. Sch. et Schl. 1929 under different environmental conditions [with summary in English]. M. V. Maklygin, A. N. Alekseev. Zool. zhur. 39 no. 2:297-299 F '60.

TICKS—BIOLOGICAL CONTROL

Relation of Botrytis cinerea Pers. to ixodid ticks [with summary in English]. D. Bolchev, K. Rizvanov. Zool. zhur 39 no. 3:462 '60.

TICKS AS CARRIERS OF DISEASE

Methods of teaching problems of natural focus infection in a course on epidemiology [with summary in English]. K. Z. Levtova. Zhur. mikrobiol. epid. i immun. 31 no 2:119-122 F '60.

New species Spirochaeta nereensis sp. n. transmitted by the burrow tick of Central Asia (Ornithodorus nereensis Pavlovsky, 1941). O. V. Smirnov Med. zhur. Uzb. no. 5:35-39 My '58.

Spontaneous infections of the tick Haemaphysalis japonica douglasi N with the virus of tick-born encephalitis in the Maritime Territory N. P. Belikova, L G Tatarinova. Dokl. AN SSSR 132 no 6 1462-1464 Je '60

TIDAL POWER

(see also subdivision under Nevel'sk Strait)

The tide will be tamed Priroda no. 6 78 Je '60.

TIDE GAUGES

Setting a tide gauge on ice by the use of a water gauge. N. P. Ihetskii. Probl. Arkt. no. 6:117-119 '59.

TIDES

Effect of earth tides on the secular retardation of the earth's rotation [with summary in English] N. N. Pariiskii Astron. zhur. 37 no. 3 543-549 My-Je '60.

Maximum accuracy attainable in numerical forecasting of tidal fluctuations of the sea level. L. G. Toporkov. Probl. Arkt. no. 6:29-36 '59.

Method of computing ordinates of water level fluctuations in the open sea (from observation data obtained with tide gauges of the Graafen system). N. F. Kudriavtsev. Probl Arkt. no. 6:112-117 '59.

Observations on tidal "weakening," rarefaction, compaction, solidification, and compression of ice. A. P. Legen'kov. Probl. Arkt. i Antarkt. no. 2:106-107 '60.

Some problems in studying long-period variations of the general ice regimen of Arctic seas. I. V. Maksimov. Probl. Arkt. i Antarkt. no. 2:5-16 '60.

TIEN SHAN—DISCOVERY AND EXPLORATION

Paths of the brave ("Along the argalis' path" by Kirill Staniukovich, "To the lake beyond the clouds" by I. Ryzhov. Reviewed by B. Kartashev). Vokrug sveta no. 3: 59-60 Mr '60.

TIEN SHAN—GEESE

Distribution and preservation of the Indian goose in the Tien Shan. L. S. Stepanian. Okhr. prir. i zapov. delo v SSSR no. 4 71-74 '60

TIEPOLO, GIOVANNI BATTISTA, 1696-1770

Two sketches by Giovanni Battista Tiepolo in the Hermitage. L. Salmina. Soob Gos. Erm. no. 16:36-40 '59.

TIFLIS—ATMOSPHERIC TEMPERATURE

Effect of the main Caucasian range on the temperature regime of the free atmosphere over the central part of Transcaucasia. I. F. Kvaratskheliia. Trudy Tbil. NIGMI no. 5:102-106 '59.

Genesis of laminated structure of the tropopause. I. F. Kvaratskheliia. Trudy Tbil. NIGMI no. 5 62-90 '59.

TIFLIS—LIBRARIES

"Practices of the Republic Library of Georgia; a collection of articles." Reviewed by L. V. Glazacheva and others. Bibliot. SSSR no. 12 101-106 '59.

TIFLIS—PHARMACY

Some stages in the development of pharmacy in Tbilisi. I. S. Tabagari. Apt. delo 9 no. 2:58-61 Mr-Ap '60.

TIFLIS—PLANT LICE

New species of aphid Myzocallidium astragali Dzhibl. sp. n. from the vicinity of Tiflis. A. A. Dzhibladze. Soob. AN Gruz. SSR 23 no. 6:713-718 D '59.

TIFLIS—RAILROADS—EMPLOYEES

A brigade is as good as its leader. I. Mchedlishvili, I. Bolkvadze Agitator no. 13:60-61 Jl '60.

TIFLIS—RESTAURANTS, LUNCHROOMS, ETC.

Summer coffeehouse and restaurant A Sharoian. Obshchestv. pit. no 4:40-41 Ap '60

TIKHOMIROV, BORIS ANATOL'EVICH, 1909-

Significance of B. A Tikhomirov's work for the study of vegetation in the Soviet North V. D. Aleksandrova Biul. MOIP. Otd. biol 64 no 5:160-163 S-O '59.

TIKHONOV, NIKOLAI SEMENOVICH, 1896-

A great humanist and romanticist ("Nikolai Tikhonov" by B. Solov'ev, "Nikolai Tikhonov's works" by I. Grinberg. Reviewed by I. Denisova). Moskva 4 no. 1:219-221 '60.

TIKHORITSY—HISTORY—STUDY AND TEACHING

Local lore in elementary schools. S. N. Sel'dinin. Nach. shkola 28 no. 4:83-85 Ap '60.

TIKHOV, GAVRIIL ADRIANOVICH, 1875-1960

Gavriil Adrianovich Tikhov; an obituary. Vest. AN Kazakh. SSR 16 no. 2:100-101 F '60.

"Sixty years at the telescope" by G. A. Tikhov. Reviewed by V. A. Bronshten. Priroda no. 6:117-118 Je '60.

TILES

Automatic unit for molding ornamental ceramic tiles. A. N. IAkobson and others. Stroi. i dor mashinostr. 5 no. 3:25-28 Mr '60.

Ezorskii, A. N., and P. D. Trebukov. [Polystyrene facing tiles] Oblitsovochnye plitki iz polistirola. Moskva, Akad. stroitel'stva i arkhit. SSSR, 1959. 26 p.

Using ceramic tiles in facing walls. Rats. i izobr. predl. v stroi. no. 13 53-56 '59.

TILES—TESTING

Device for determining the resistance of ceramic tiles to shock N L Pevzner Stek i ker 17 no 6 37-38 Je '60

TILES, ROOFING

Conveyor for making cement and lime-sand roofing tiles. A. A. Nikitin. Stroi. mat. 6 no. 4:23-24 Ap '60.

TILLAGE

Effect of cultivated plants on the fertility of turf-Podzolic soils under different conditions of cultivation. V. T. Makarov. Vest. Mosk un. Ser. biol., pochv., geol geog. 14 no. 4:41-51 '59.

Effect of cultivation on changes in the water and air balance of heavy turf-Podzolic soils [with summaries in English, German, and French] M. F Podvoiskii Vest. sel'khoz. nauki 5 no. 2 133-138 F '60

Effect of various basic tillage methods on the physical properties of soil and on yield. B. A. Dosperkhov, V. M. Bolobolova. Izv. TSKhA no. 6 57-69 '59.

Results of studies on hydrometeorological conditions of soils and the atmospheric layer near the ground with regard to the new tillage system. N. G. Iovenko. Trudy UkrNIGMI no. 16 63-68 '59.

System of agricultural land reclamation measures suitable for different farm crops. E. A. Kastorskaia. Trudy SevNIIGIM no. 14:127-140 '58.

TIMAN RIDGE—BRACHIOPODA, FOSSIL

New species of Devonian brachiopods from the Volga-Ural area. A. I Liashenko. Trudy VNIGNI no. 16:5-53 '60.

TIMBER—TRANSPORTATION

Mechanizing the loading of short-cut timber in closed freight cars. M A Zav'ialov Mekh i avtom proizv. 14 no. 3 46-47 Mr '60

TIME—SYSTEMS AND STANDARDS

Determining the frequency of a molecular generator and the irregularities of the earth's rotation [with summary in English]. L. D. Bryzzhev, A. IA. Leikin, M. D. Sopel'nikov. Astron. zhur. 37 no. 3:579-583 My-Je '60.

TIME AND ECONOMIC REACTIONS

Some problems in considering the time factor in technical and economic calculations. V. P. Zakharov. Vest. AN Kazakh. SSR 16 no. 3:82-85 Mr '60.

TIME MEASUREMENTS

Cesium frequency standard in Britain's National Physical Laboratory L. Essen Radiotekhnika 15 no. 3 3-6 Mr '60.

Recording of standard time during the observation of the second satellite (1957β) [with summary in English]. B. A. Firago. Biul. sta. opt. nabl. isk. sput. Zem. no. 3: 3-6 '58.

TIME PERCEPTION

"'Sense of time' and the rate of the motor reaction" by S. G. Gellershtein. Reviewed by S. N. Arkhangel'skii. Teor. i prak. fiz. kul't. 23 no. 2:155 '60.

TIME SIGNALS

On the article "Tying photographic observations of artificial earth satellites to astronomical time." A. M. Lozinskii. Biul. sta. opt. nabl. isk. sput. Zem. no. 4:11-12 '59.

Tying photographic observations of artificial earth satellites to astronomical time [with summary in English]. A. I. Konstantinov. Biul. sta. opt. nabl. isk. sput. Zem. no. 4:9-11 '59.

TIME STUDY

Analysis of work expended for various tasks on collective farms. V. Morozov. Ekon. sel'khoz. 31 no. 2:87-92 F '60.

Balance sheet of the expenditure of work time at a plant. I. Biriukov, IA. Cherniavskii. Sots. trud 5 no. 3:117-122 Mr '60.

Calculating operating time and production norms for work on presses in the clothing industry. I. Nikitina. Biul. nauch. inform.: trud i zar. plata 3 no. 6:10-13 '60.

More about simplifying the method for measuring the workday. A. Frolenko. Sots. trud 5 no. 3:113 Mr '60.

Provide industry with new devices for the establishment of technical standards. E. Pogrebat'ko. Sots. trud 4 no. 12:89-92 D '59.

Special features of the organization of production and work in the manufacture of enameled dishware. V. Sobolev, I. Khasminoi. Biul. nauch. inform.: trud i zar. plata 3 no. 6:31-33 '60.

Studying the work of a railroad workshop. V. Udovichenko. Biul. nauch. inform.: trud i zar. plata 3 no. 6: 26-31 '60.

TIMERS, AUTOMATIC see Automatic timers

Separation of indium and tin. I.S. Levin. Izv.Sib.otd. AN SSSR no.4:51-59 '60.

TIN—ANALYSIS

Determination of tin by means of copper aryl- and diaryl-thiosemicarbazidinates. N.V. Koshkin. Izv.vys.ucheb. zav.;khim.i khim.tekh. 3 no.1:58-59 '60.

TIN CANS

Cracking of cans in high voltage field. A.I. Vitkin, E.S. Petrova, V.V. Bogoyavlenskii. Kons.i ov.prom. 15 no.7:26-27 Jl '60.

Improvement of the transportation of tin containers in canneries. M.M. Shekhter. Kons.i ov.prom. 15 no.4:21-22 Ap '60.

TIN-NICKEL ALLOYS

Determining the thickness of tin-nickel coatings. N.T. Kudriavtsev, K.M. Tiutina, I.V. Chvankin. Zav.lab. 26 no.3:301-303 '60.

TIN PLATING

Electrolytic refinement of tin with the use of sulfamine electrolytes. A.I. Levin, Chang Kuo-heng. Zhur.prikl.khim. 33 no.3:667-674 Mr '60.

TINCTURES (PHARMACY)

Determination of the strength of alcohol in tinctures [with summary in English]. S.M. Holubnikov, M.S. Shraiber, Sh.P. Orlov. Apt.delo 9 no.2:62-64 Mr-Ap '60.

TIRE FABRICS

Basic properties required of automobile tire cords. M.D. Lyktina and others. Kauch.i rez. 19 no.3:9-13 Mr '60.

Effect of finishing compositions on the binding strength between tire cord and rubber. T.V. Ionova and others. Khim.volok. no.1:30-31 '60.

Studying the nature of the deterioration in the system cord - adhesive - rubber. R.V. Uzina, V.F. Rodin. Kauch.i rez. 19 no.2:28-35 F '60.

TIRE FABRICS—TESTING

Endurance of cord under repeated stress deformation in the VDP-1 testing machine. Z.M. Kozyreva, L.P. Bogdanova, E.IA. Aminskaia. Kauch.i rez. 19 no.6:30-34 Je '60.

TIRES, RUBBER

(see also subdivision under Great Britain, Leningrad; United States, Yaroslavl)

Development of self-vulcanizing materials for the repair of pneumatic tires. F.F. Koshelev and others. Kauch.i rez. 19 no.6:27-30 Je '60.

Making an airtight seal between tubeless tires and the rim. O.V. Naderzhin. Kauch.i rez. 19 no.3:13-19 Mr '60.

A Mareš's book "Construction of tires." Kauch.i rez. 19 no.2:64 F '60.

Regulating the amount of materials used in tire manufacture. A.G. Gurevich, M.A. Strongin. Kauch.i rez. 19 no.6:45-47 Je '60.

Scientific conference of young specialists in the research institutes of the tire industry. R.K. Gordon, G.S. Fil'ko. Kauch.i rez. 19 no.6:57 Je '60.

Some most important achievements in the world production of tires. Kauch.i rez. 19 no.2:52-56 F '60.

Tire with demountable tread. Kauch.i rez. 19 no.3:57-59 Mr '60.

TIRES, RUBBER—TESTING

Loading of the bead wire rings of a tire under different conditions of deformation. P.I. Alekseev. Kauch.i rez. 19 no.2:18-23 F '60.

TIRES, STEEL—MAINTENANCE AND REPAIR

Machine for turning tires. M. Solov'ev, V. Tolmachev. Mast.ugl. 9 no.2:6 F '60.

TISSUE CULTURE

In vitro culture of insect tissues. Report No. 1. [with summary in English]. Nat. N. Medvedeva. Ent.oboz. 39 no.1:77-85 '60.

TISSUE EXTRACTS

Experimentally induced changes in the growth of the mammalian body and individual organs [with summary in English]. I.V. Poleshaev. Zhur.ob.biol. 21 no.2:136-144 Mr-Ap '60.

Kalashnik, I.A. [Tissue therapy in veterinary medicine] Tkanevaia terapiia v veterinarii. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 102 p.
(DA)

Nonspecific therapy in the over-all treatment of paradentosis. M.F. Dalsenko. Probl.stom. 4:311-316 '58.

TISSUES

Dynamics of the formation and structure of the costo-scapular osseous commissure following osteoplastic fixation of the scapula to the ribs. I.A. Danilova. Trudy Len. gos.nauch.-issl.inst.travm.i ortop. no.7:36-47 '58.

[illegible] RIVER—BRIDGES, CONCRETE

Corrosion of wire reinforcements in a bridge span structure. K.V. Mikhailov. Transp.stroi. 10 no.4:[illegible] '60.

TITANIUM

Solid solutions in high titanium slags. A.V. Rudneva, M.S. Model', T.IA. Malysheva. Titan i ego splavy no.3:50-63 '59.

Titanium aluminum ratio in sedimentary rocks [with summary in English]. A.A. Migdisov. Geokhimiia no.2:149-163 '60.

Trivalent titanium in aegirines of the Southern Urals [with summary in English]. B.V. Chesnokov. Geokhimiia no.1:68-71 '60.

Using titanium-containing wastes for steel deoxidation. A.N. Vasil'ev, [illegible]. Metallurg 5 no.3:[illegible] Mr '60.

TITANIUM—ANALYSIS

Determining bivalent and trivalent titanium in slags containing metallic iron and ferrous oxide. I.I. Vcherko. Titan i ego splavy no.3:152-157 '59.

Spectral determination of [illegible] in titanium. N.I. [illegible], K.A. [illegible]. Vest.Mosk.un.Ser.2:Khim. [illegible] Mr-Ap '60.

Colorimetric determination of titanium in [illegible]. IA.I. Chulkov. Zav.lab. 26 [illegible] '60.

TITANIUM—ELECTROMETALLURGY

Cyclic method for the electrolytic preparation of titanium from its tetrachloride in a fused mixture of sodium and potassium chlorides. D.M. Chizhikov and others. Titan i ego splavy no.3:111-[illegible] '59.

Electrolysis of the chloridizing bath with anodes of titanium oxide. M.V. Smirnov, [illegible]. Titan i ego splavy no.3:100-104 '59.

Investigating processes of reduction and slag formation during the melting of ilmenite concentrates. I.P. Bardin, V.A. Reznichenko. Titan i ego splavy [illegible] '59.

Investigating processes of the electrolytic preparation of titanium. A.A. Kazain, A.D. Florenskii. Titan i ego splavy no.3:101-111 '59.

Smelting ilmenite concentrates with [illegible]. V.A. Reznichenko, V.I. Solov'ev. Titan i ego splavy no.2:30-34 '59.

TITANIUM—HEAT TREATMENT

Recrystallization of commercial grade titanium during rapid electric heating. V.I. Ivanov, [illegible]. Izv. AN SSSR Otd.tekh.nauk.Met.i topl. no.3:[illegible] My-Je '60.

TITANIUM—HYDROGEN CONTENT

Apparatuses and methods of spectrum determination of hydrogen in titanium. [illegible]. Titan i ego splavy no.3:165-171 '59.

Hydrogen absorption by titanium. G.I. Vasil'eva, [illegible] Gavrilova. Titan i ego splavy no.3:[illegible] '59.

Interaction of titanium with water vapor. [illegible], A.V. Revyakin. Titan i ego splavy [illegible] '59.

Kinetics of the interaction of titanium with hydrogen. A.V. Revyakin, V.A. Reznichenko. Titan i ego splavy no.3:126-132 '59.

Spectrum determination of hydrogen in titanium. [illegible] Butanov and others. Titan i ego splavy [illegible] '59.

TITANIUM—METALLURGY

Deoxidation of titanium dioxide by hydrogen. V.A. Reznichenko, F.B. Khalimov. Titan i ego splavy no.3:[illegible] '59.

Effect of the lower oxides of titanium on [illegible] on the properties of high titanium slags. I.A. Karyazin, V.A. Reznichenko. Izv. AN SSSR Otd.tekh.nauk.Met.i topl. no.3:28-34 My-Je '60.

Investigating the vacuum separation of the reaction product. A.V. Revyakin, V.B. Miroshnichenko. Titan i ego splavy no.3:92-98 '59.

Reduction kinetics of tetrachloride of titanium by magnesium. V.A. Reznichenko, B.V. Ugarov. Titan i ego splavy no.3:85-91 '59.

Reduction of ilmenite by means of a gaseous reducing agent and solid carbon. I.P. Bardin, F.B. Khalimov. Titan i ego splavy no.2:16-24 '59.

TITANIUM—SPECTRA

Spectrum analysis of titanium slag for its content of titanium dioxide and admixtures by the method of [illegible] tional graphs. I.I. Tugalov. Titan i ego splavy no.3:158-164 '59.

TITANIUM ALLOYS

Lack of uniformity in the distribution of deformation in the VT-5 titanium alloy. M.N. Bodiako, [illegible], V.I. Parkhimovich. Dokl. AN BSSR 4 no.1:20-21 Ja '60.

Production of large sized cold-rolled sheet from VT-1 alloys. V.F. Kalugin and others. Titan i ego splavy no.2:133-144 '59.

TITANIUM ALLOYS—METALLOGRAPHY

Determining critical points in VT-1 and VT-[illegible] industrial titanium alloys. Z.S. Verigina, [illegible]. Izv.vys.ucheb.zav.;chern.met. no.3:[illegible] '60.

[illegible] diffusion of titanium-aluminum-chromium [illegible]. I.I. Kornilov, V.S. Mikheev, [illegible]. Izv. AN SSSR Otd.tekh.nauk, Met.i topl. no.3:[illegible] '60.

TITANIUM [illegible]

[illegible]

TITANIUM-CHROMIUM ALLOYS—METALLOGRAPHY

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TITANIUM-CHROMIUM-[illegible] ALLOYS—METALLOGRAPHY

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TITANIUM-CHROMIUM-[illegible] ALLOYS [illegible]

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TITANIUM-MANGANESE [illegible] ALLOYS—METALLOGRAPHY

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[illegible]

[illegible]

TOADS—PARASITES see Parasites—Toads

TOBACCO

Bachinskii, A. F., N. I. Volodarskii, and P. G. Asmaev. [Tobacco growing] Tabakovodstvo. Izd 2., perer i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 395 p.
(CU)

Effect of gibberellin on the growth and yields of hemp and tobacco. M. Kh. Chailakhian, V G Kochankov, V P. Zamota. Fiziol rast. 7 no. 3 340-343 '60.

Some physiological features of a heterotic form of tobacco. T. V. Daikanbaev, Zh L. Lukpanov. Vest. AN Kazakh SSR 16 no 2·26-34 F '60.

Uneven distribution of moisture in tobacco leaves P G Asmaev, V. F Trubnikov Izv vys ucheb zav ,pishch tekh no 1 33-36 '60

TOBACCO—PHYSIOLOGICAL EFFECT

Smoking is harmful. A. Ostrovskii. Nauka i zhizn' 27 no. 2,77-79 F '60.

TOBACCO INDUSTRY—HYGIENIC ASPECTS

Some problems in labor hygiene in the tobacco industry. M. IA. Suponitskii, E. I. Boikyk, O. V. Chebanova. Vrach. delo no. 2·169-171 F '60.

TOBOL'SK—VOCATIONAL EDUCATION

On the Siberian rivers. M. Karasikov. Prof.-tekh. obr. 17 no. 2 20 F '60.

TOCOPHEROL

Study of the effect of production processes on the content of tocopherols in vegetable oils. N. I. Kozin, M. S. Kastoraykh. Masl.-zhir. prom. 26 no. 6.8-9 Je '60

TOES—ABNORMITIES AND DEFORMITIES

Etiology and pathogenesis of curvature of the toes (besides Hallux valgus). L. T. Korobko. Trudy Len. gos. nauch.-issl inst. travm. i ortop no. 7.183-191 '58

TOGO

Facts. Mezhdunar. zhizn' 7 no. 6·151-156 Je '60.

TOGO—POLITICS AND GOVERNMENT

The Republic of Togo. E. Agaronov. Nov. vrem. 18 no. 21:28-29 My '60.

TOILETS see Water closets

TOLERANCE (ENGINEERING)

Conference for working out a system of fits and tolerances for residential and public-building construction. L. S. Avirom. Izv. ASiA no. 2 180-181 '59.

Specify allowances and tolerances for forgings. V. A. Afonchikov, G. I. Kozis. Standartizatsiia 24 no. 3:21 Mr '60

TOLERANCE (ENGINEERING)—GRAPHIC METHODS

Graphoanalytic method for calculating fits. A. A. Zykov. Standartizatsiia 24 no. 3:7-9 Mr '60.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

"Driving out the unclean spirit" B Rostotskii. Nauka i rel no 4 79-81 Ap '60

Forgotten testimonial of Lev Tolstoi. M. Dolinskii. Moskva 4 no. 1·174 '60.

In Yasnaya Polyana. V. Nosova. IUn. tekh. 4 no. 2:2-7 F '60.

TOLUENE

Production of xylenes by the catalytic processing of the gas condensate in the presence of toluene. IU. G. Mamedaliev and others. Azerb. khim. zhur. no. 2;3-15 '59.

TOMATO PRODUCTS

Bactericide properties of tomato products. L. M. Petrzhikovskaia Izv vys. ucheb zav ,pishch. tekh no. 1 87-93 '60

TOMATOES

Amount of growth substances in the organs of tomatoes as related to nitrogen nutrition [with summary in English]. O. B. Boichuk. Ukr. bot zhur. 17 no. 1·19-28 '60.

Determination of the absolute viscosity and limiting shearing strain of highly concentrated tomato products. T. I. Kukushkina. Kons. i ov. prom. 15 no. 7:34-35 Jl '60.

Using the VN-60 vacuum apparatus in the manufacture of tomato products. E. I. Pravda. Kons. i ov. prom. 15 no. 7:6-8 Jl '60.

TOMATOES—TRANSPORTATION see subdivision under Astrakhan Province

TOMSK—OBSERVATORIES

Determination of the latitude and longitude of the astronomic observatory of Tomsk University. G. S. Tiuterev. Trudy TGU 144:109-116 '59.

TOMSK—UNIVERSITIES AND COLLEGES

A great organizational work is completed. A. I. Budov. Vest. vys. shkoly 18 no. 7:56-58 Jl '60.

TOMSK PROVINCE—BOOKSELLERS AND BOOKSELLING

Group strives for the championship P. Kuriatov. Sov. knizh torg 12 no 2·13-14 F '60.

TOMSK PROVINCE—ROADS, TARRED

Using low-temperature tars in stabilizing soils in Tomsk Province. Avt. dor. 23 no. 4·7 Ap '60.

TONGUE—DISEASES

Sublingual dermoid cyst I I Get'man Vrach delo no 4 423 Ap '60

TONOMETERS

Investigating the effects of callisthenic breaks by tonometry. S L. Feigin and others Teor. i prak. fiz kul' 23 no. 6 441-444 '60.

Some problems in the construction of an eye tonograph. 1 Pick-up element. A. P. Nesterov, IU. I. Sakharov. Med. prom. 14 no 4 23-27 Ap '60.

Three-channel tonograph. P. Gorbarenko, IU. Sakharov Radio no 3 21-23 Mr '60.

TONSILS—DISEASES

Significance of allergy in the pathogenesis of chronic tonsillitis. D. A. Pigulovskii. Vest. AMN SSSR 15 no. 1 44-52 '60.

TOOL STEEL

The 5KhGS steel for dies V I Zaitskii and others. Vest. mash 40 no 4 50-54 Ap '60

New grade of steel for round dies. A. G. Kliueva, B. L. Aleksandrovich, G. G. Korolev. Stan. i instr. 31 no. 3·24-26 Mr '60.

TOOL STEEL—HARDENING

Characteristics of strengthening hardened rapid steel during tempering. P. M IUshkevich. Fiz met. i metalloved. 8 no 6:896-903 D '59.

TOOL STEEL—TESTING

Mechanical properties during tool steel torsion. A. P. Guliaev, K. S. Spiridonova. Izv. vys. ucheb. zav., chern. met. no. 5 142-145 '60

TOOLS

Nail-drawing tool. F. P Frolov Mashinostroitel' no 4 38 Ap '60

TOPOGRAPHICAL DRAWING

"Topographical drawing;" a textbook by V. L. Chusov. Reviewed by A S Al'fonskii Geod i kart no 2·68-71 F '60

TOPOGRAPHICAL SURVEYING

From the editor Izv. vys ucheb zav , geod i aerof no 2 147 '60

From the work practices of mixed brigades. M. E. Petrov. Geod. i kart. no. 3·44-45 Mr '60.

Izmailov, P. I., and others. [Topography and aerial topographical surveying] Topografiia i aerofototopografiia. Moskva, Izd-vo geod. lit-ry, 1959. 471 p.

The project of the 'Directions for engineering exploration in city and village construction." N. N. Elenevskii. Geod. i kart. no. 2;48-57 F '60.

Work organization practices of the detachment No. 48. I. A. Poteiko. Geod. i kart. no. 3 39-44 Mr '60.

TOPOGRAPHY, MILITARY see Military topography

TOPOLOGY

Correction of the article "Variational problems with permissible surfaces of arbitrary topological types." A. G. Sigalov. Usp. mat. nauk 15 no. 1:201 Ja-F '60.

Dimensionality coincidence between ind G and dim G for locally bicompact groups A Arkhangel'skii Dokl. AN SSSR 132 no 5,980-981 Je '60

Homogeneity of dynamic systems and the Birkhoff problem. M. I. Grabar'. Uch. zap. Mosk. un. no. 186[a]·161-177 '59.

Internal geometries of surfaces of a projective space induced by the straight lines of a canonical family. G. N. Tevzadze Soob. AN Gruz. SSR 23 no. 5:513-519 N '59

Mapping a dynamic system into a dynamic system analytic with relation to time. E. A. Barabashin, F. A. Sholokhovich. Izv. vys. ucheb. zav., mat. no. 1;11-15 '60.

Normal spaces as images of zero-dimensional ones V. Ponomarev. Dokl AN SSSR 132 no. 6 1269-1272 Je '60.

Sniper's rifle V Chulitskii Voen. znan 36 no 6·24-25 Je '60

Some problems in the topology of manifolds, connected with the theory of Thom spaces S P. Novikov. Dokl AN SSSR 132 no. 5,1031-1034 Je '60.

Torpedo electricians. V Korshunov Voen znan. 36 no 6 22-23 Je '60

TORQUE—MEASUREMENT

Measuring torque with induction torsion meters. N. V. Alferova. Izm. tekh. no. 2;11-12 F '60.

Unit for measuring torques K G. Osipov. Vest. mash. 40 no 4 30-31 Ap '60.

TORSION

Improved cylindrical torsiometer with a cut-in strip. I. M. Pavlov, I. K. Suvorov, IU. E. Fomenko. Izv. vys. ucheb. zav.; chern. met. no. 5:72-75 '60.

Torsion of round rods with longitudinal grooves or teeth and a cavity through the center B. L. Abramian, A. A. Babloian Dokl. AN Arm. SSR 29 no. 5:203-209 '59.

TORUN, POLAND—DRAMA FESTIVALS

In the theaters of northern Poland E Sh Teatr 21 no 3 184-185 Mr '60.

TOURISM

[For you, hikers!] Vam turisty; kak provodit' nabliudeniia nad prirodoi v turistskom pokhode. [Leningrad] Lenizdat, 1960. 246 p.

TOURISM—CONGRESSES

Conference on tourism. Mol. mira no. 1·14 '60.

TOURISM—EQUIPMENT AND SUPPLIES

Contest among young tourists for the manufacture of home-made tourist equipment. IUn. tekh. 4 no. 2·22-23 F '60.

TOURISM—MAPS

Tourist maps. V. K. Egorov. Geod. i kart. no. 1·74-76 Ja '60.

TOURISTS, FOREIGN see subdivision under Russia

TOWERS, PACKED see Packed towers

TOXICOLOGY

Drogichina, E. A [Toxic polyneuritis and encephalomyelitis] Toksicheskie polinevrity i entsefalomielopolinevrity. Moskva, Gos. izd-vo med. lit-ry, 1959. 251 p.
(DNLM)

TOXINS AND ANTITOXINS

Mechanism of detoxication of toxins by formalin [with summary in English]. M. A. Torbon. Biokhimiia 25 no 1;28-33 Ja-F '60.

Observations on the leukotoxic, hemolytic and lecithinase activity of toxins of Cl. perfringens at various ages [with summary in English]. I. A. Sytnik Zhur mikrobiol epid. i immun 31 no 2 100-105 F '60

TOXOPLASMOSIS

Diagnosis of toxoplasmosis in obstetrical practice. A. K. Nikonova. Lab. delo 6 no. 2.45-47 Mr-Ap '60.

Some results of the laboratory diagnosis of toxoplasmosis. G. A. Orlov, D. N. Zasukhin, S. G. Vasina. Lab. delo 6 no. 2 41-45 Mr-Ap '60.

TOXOPLASMOSIS—CONGRESSES

Conference on the problem of toxoplasmosis. G. A. Orlov. Lab. delo 6 no. 2:60-61 Mr-Ap '60.

TOY INDUSTRY

New interesting toys. V. Artemov. Prom. koop. 14 no. 3:32 Mr '60.

TOYBOKHOY—AGRICULTURE—STUDY AND TEACHING

Practice in local lore work and tying it in with productive labor in the Toybokhoy secondary school. P. I. Egorov. Geog. v shkole. 23 no. 2·51-58 Mr-Ap '60.

TOYBOKHOY—NATURE STUDY

Practice in local lore work and tying it in with productive labor in the Toybokhoy secondary school. P. I. Egorov. Geog. v shkole 23 no. 2:51-58 Mr-Ap '60.

TOYS

Toys made by Pioneers. A. I. Fedosov. Shkola i proizv. 4 no. 3:80-82 Mr '60.

TOYS—DISINFECTION

Bactericidal action of ultraviolet radiation on various objects. V. N. Nurmatov. Med. zhur. Uzb. no. 11;89-92 N '58.

TOY-TYUBE—HUMIDITY

Humidity regime of the lower one-kilometer atmospheric layer in the Toy-Tyube. V. N. Kolesnikova Trudy Sred.-Az. nauch.-issl gidrometeor. inst. no 2;213-222 '59

Pyrrolizidine of alkaloids Part I Synthesis of 1-hydroxymethylpyrrolizidine (dl-trachelanthamidine) N K Kochetkov A M Likhoshertstov, E I Budovskii Zhur ob khim 30 no 6 2077-2082 Je '60

TRACK ATHLETICS

Summing up the results of track meets at the Second Spartakiada of the Peoples' of the U S S R. L S. Khomenkov Teor i prak fiz kul'. 22 no 12 900-907 '59.

TRACTION ENGINES

Evaluating tractive properties of wheel drives in earthmoving machines N. A Ul'ianov Stroi i dor mashinostr 5 no 3 16-20 Mr '60

TRACTOR INDUSTRY see subdivision under Stalingrad

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Chelyabinsk, Kharkov, Minsk)

Ivan Ivanov's "taxicab " B. Poliakov. Znan.ta pratsia no. 3:22 Mr '60

TRACTOR TRAINS

Indices of the tractor of a tractor train. G. M. Kokin. Sbor.nauch trud. Bel. politekh. inst. no. 72:21-29 '59.

New standards for weight parameters and over-all dimensions of motortrucks and tractor trains I Egiazarov Avt transp 38 no 3 39-40 Mr '60

TRACTORS

(see also subdivision under Chelyabinsk, Kharkov)

Assigning work norms for tractors. I. Zhogolev. Tekh. v sel'khoz 20 no. 2 41-43 F '60.

Basic requirements for a farm tractor deriving from problems in increasing cotton yield. A. N. Ninov. Trudy Sred -Az. politekh Inst no 3 53-63 '57.

Distribution of wear resistance in parts of agricultural tractors A S Gal'perin Vest mash 40 no 4 7-11 Ap '60.

Efficient utilization of machinery and tractors is one of the most important tasks of collective and state farms. O F Krylov Mekh sil' hosp 11 no 3 1-2 Mr '60

Experience in assigning norms for tractor work. H. S. Fedchenko. Mekh. sil'. hosp 11 no. 2:12-14 F '60.

Improve the design and production of tractors and agricultural machinery. S. O. Karpenko. Mekh sil'. hosp. 11 no. 2:3-4 F '60

Made by the Kharkov Tractor Plant P IU Sabliev Mekh sil' hosp 11 no 3 3-4 Mr '60

Modernization of the T-28 tractor. B. Alisanov. Tekh. v sel'khoz. 20 no. 2 73-75 F '60.

TRACTORS—CATALOGS

Moskovskii avtomobil'nyi zavod imeni I. A. Likhacheva. [Catalogs of parts for the ZIL-164 and ZIL-164R motortrucks, the ZIL-MMZ-585I and ZIL-MMZ-585K dump trucks, and the ZIL-MMZ-164N fifth-wheel tractors] Katalog detalei gruzovykh avtomobilei ZIL-164 i ZIL-164R avtomobilei-samosvalov ZIL-MMZ-585I i ZIL-MMZ-585K i sedel'nogo tiagacha ZIL-MMZ-164N. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 308 p.

TRACTORS—CLUTCHES

Adjusting clutches of MTZ-5K, MTZ-5L and MTZ-5M tractors. Mekh. sil'. hosp. 11 no. 2:14 F '60.

TRACTORS—ELECTRIC EQUIPMENT see subdivision under Kuybyshev

TRACTORS—ENGINES—VALVES

Restoration of engine valves by automatic built-up welding in carbon dioxide IE I Leinachuk, O M. Skrypkovs'kyi Mekh sil' hosp 11 no 3 22-23 Mr '60.

TRACTORS—FUEL CONSUMPTION

How to prevent the waste of oil and fuel. V. S. Nitsevych. Mekh sil'. hosp. 11 no. 2:9 F '60.

TRACTORS—HYDRAULIC EQUIPMENT

Repairing locking devices of tractor hydraulic systems V IE Cherkun. Mekh sil' hosp 11 no 3 24-25 Mr '60

Stand for running in, testing and adjusting hydraulic power lifts of MTZ-2 tractors. E. Boltsov. Tekh. v sel'khoz. 20 no. 2:62-64 F '60.

TRACTORS—IGNITION

How to adjust the ignition of DT-12, DT-24, and T-28 tractors. V. Kostrovskii. Tekh. v sel'khoz 20 no. 2:59 F '60.

TRACTORS—LUBRICATION

How to prevent the waste of oil and fuel. V. S. Nitsevych. Mekh. sil'. hosp. 11 no. 2:9 F '60.

TRACTORS—MAINTENANCE AND REPAIR

For timely replacement of rubber sealing rings in tractor hydraulic systems. H. L. Kal'bus. Mekh. sil'. hosp. 11 no. 2:16-18 F '60.

[Maintenance manual] Spravochnik uchetchika-zapravshchika. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 183 p.

Tractor transmission cases of foreign design K IE Dolhanov Mekh sil' hosp 11 no 3 30-31 Mr '60

TRACY, SPENCER, 1900-

An actor's solo. A. Obraztsova. Isk. kino no. 6:48-50 Je '60.

TRADE AND PROFESSIONAL ASSOCIATIONS

Important role of professional associations. Obshchestv. pit no. 3:1-3 Mr '60

TRADE UNIONS

(see also subdivision under France, Great Britain, Israel, Latin America; Le Chambon-Feugerolles, France, Portugal, Rumania, Sverdlovsk Province; Tashkent, Ukraine, United States; Vietnam)

Answering our readers. Sov. profsoiuzy 16 no. 8:59-61 Ap '60.

Boriskin, S. V. [Organization and methods of operation of trade unions in the U. S. S. R.] Organizatsiia i metody raboty profsoiuzov SSSR. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 22 p.

Champions of socialist competition I. Akhmetov. Tekst. prom 20 no. 2 98 F '60

Deserved confidence. B. Borovik. Mast ugl. 9 no. 2:17 F '60

Duties of trade unions T. Eremeev. Sov profsoiuzy 16 no 10 37-41 My '60

Focusing of attention on production. A. Khripunova. Mast ugl 9 no. 2 19-20 F '60.

Follow-up of our articles. Sov. profsoiuzy 16 no. 11:63 Je '60.

The fortieth anniversary of the trade union of miners. I. G. Mikhailenko. Bezop. truda v prom. 4 no. 3:1-2 '60.

Glorious 40th anniversary. I. Mikhailenko Mast. ugl 9 no 3 3-4 Mr '60

A great day of celebration and struggle for a better life and for world peace. A. Margizhes and others. Vsem. prof. dvizh. [no. 6]:10-14 Je '60.

Guiding spirit of a workers' group IU. Khobotov Mast ugl 9 no 3 24 Mr '60

The holiday of labor and peace. Sov. profsoiuzy 16 no 8:2-5 Ap '60.

The important thing is to keep in contact with life. I. Chikhachev, N. Chesnokov Sov. profsoiuzy 16 no. 12 29-32 Je '60.

In Guinea and Ghana with a delegation of the Association of Free German Trade Unions. Herbert Warnke. Vsem. prof. dvizh. no. 5:22-26 My '60.

In the All-Union Central Council of Trade Unions Sov profsoiuzy 16 no 10 63-64 My '60.

In the interest of workers' rest and health benefits. A. Shevchenko Sov profsoiuzy 16 no 10:14-17 My '60.

Lenin's legacy in action. V. I. Prokhorov. Sov. profsoiuzy 16 no. 8:10-16 Ap '60.

Let's have fewer nightingales and more bees. Louis Saillant Vsem. prof. dvizh. no. 5:1-2 My '60.

Militant tasks of the working class. Sov. profsoiuzy 16 no. 12:50-51 Je '60.

N. S. Khrushchev talks with trade-union workers of France. Vsem. prof. dvizh. no. 5:3-7 My '60.

Organizer and educator of miners. N. Drogunov. Mast. ugl 9 no. 2:7 F '60.

Piatakov, A V. [Studies on trade-union participation in the economic-organizational and cultural-educational operations of the Soviet state] Ocherki ob uchastii profsoiuzov v khoziaistvenno-organizatorskoi i kul'turno-vospitatel'noi deiatel'nosti Sovetskogo gosudarstva. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 157 p.

Results of a lack of trade union control. K. Vasil'ev. Mast. ugl 9 no. 2:18-19 F '60.

The rights and obligations of the factory-plant and local committees of trade unions. Sov. profsoiuzy 16 no. 8:48-55 Ap '60.

Second conference of the trade union. Avt. dor. 23 no. 6:32 Je '60.

Soviet trade unions and the regulation of wages. B. Kashintsev. Sov. profsoiuzy 16 no. 11:40-41 Je '60.

Speech of welcome of Louis Saillant, secretary general of the World Federation of Trade Unions, at the Fifth Congress of the Italian General Confederation of Labor. Vsem. prof. dvizh. no. 5:11-13 My '60.

This is how our plant committee realizes its rights. M. Nazarov. Sov. profsoiuzy 16 no. 8:56-58 Ap '60.

A trade-unionist's notebook. Vsem. prof. dvizh. no. 5:46-48 My '60.

Trade unions have an extensive sphere of action. Okhr. truda i sots. strakh. 3 no. 2:1-5 F '60.

Unsuccessful re-election I Lototskii Mast. ugl. 9 no 3 18 Mr '60

With new energy. V. Tkachenko. Mast. ugl. 9 no. 2:15 F '60.

TRADE UNIONS—CONGRESSES

Fifth Congress of the Italian General Confederation of Labor. Bruno Roscani. Vsem. prof. dvizh. no. 5:7-11 My '60.

Fourth Plenum of the All-Union Central Council of Trade Unions. Sov. profsoiuzy 16 no. 11:14-17 Je '60.

Unity is the slogan of our third conference. Domenico Bianco. Vsem. prof. dvizh. [no. 6]:44-46 Je '60.

Unity of Scotland's trade unionists in the struggle against unemployment and peace. Dave Goodman. Vsem. prof. dvizh. [no. 6]:40-41 Je '60.

TRADE UNIONS—FINANCE

Consultations. P. Kurilkin. Sov. potreb. koop. 4 no. 2:44-45 '60.

TRADE WINDS see subdivision under Atlantic Ocean

TRAFFIC ACCIDENTS

The accident could have been prevented M Levinson Avt transp 38 no 2 52-53 F '60.

TRAFFIC CONTROL see subdivision under Kuybyshev

TRAFFIC ENGINEERING see subdivision under Leningrad

TRAFFIC REGULATIONS

[City traffic regulations] Pravila ulichnogo dvizheniia Barnaul, Altaiskoe knizhnoe izd-vo, 1959. 127 p.

Unified traffic regulations G Krulev Avt transp. 38 no 3 42-46 Mr '60

Unified traffic regulations have been approved. A Kozmilitsyn Za rul 18 no 3 14 Mr '60

TRAFFIC SIGNS AND SIGNALS

Radio controlled road signs. Avt. transp 38 no 2 61 F '60

TRAFFIC VIOLATIONS

Defense in court proceedings. P. Rabinovich. Sov. iust. no. 3:37-42 Mr '60.

TRAJECTORIES

Catenary method for plotting trajectories of relativistic and ultrarelativistic particles in electrostatic fields. Radiotekh. i elektron. 5 no. 7:1118-1123 Jl '60.

Investigation of the topological structure of trajectories in the vicinity of one point of a dynamic system by the use of Bendixon's method N. A Gubar' Izv vys ucheb zav , radiofiz 2 no 6 931-941 '59.

Qualitative investigation of trajectories of difference equations in the neighborhood of a fixed point. A. M. Panov. Izv. vys. ucheb. zav.; mat. no. 1:166-174 '60.

TRANQUILIZING DRUGS

Drug research abroad. A. G. Balchikov. Med. prom. 14 no. 6:54-59 Je '60.

TRANSBAIKALIA—CYCLONES

Advancement of southern cyclones in Transbaikalia. L. N. Dukhalova. Trudy Dal'nevost. NIGMI no 7:149-169 '59.

TRANSBAIKALIA—DISCOVERY AND EXPLORATION

Paths of the brave ("Along the argalis' path" by Kirill Staniukovich; "To the lake beyond the clouds" by I. Ryzhov. Reviewed by B. Kartashov). Vokrug sveta no. 3 59-60 Mr '60.

TRANSBAIKALIA—FLUORITE

Luminescent fluorite from Bukuka and Belukha tungsten deposits in Eastern Transbaikalia. E. Mozhaeva, I. Riabkova. Biul. SNO LGU no. 1:70-72 '58.

TRANSBAIKALIA—ORE DEPOSITS

Upper Jurassic intrusive and ore formations in the southeastern part of eastern Transbaikalia [with summary in English]. B. I. Poliakov Vest. LGU 15 no. 12 23-25 '60.

TRANSBAIKALIA—PYRITES

Formation of pyrite in the modification zone of rocks enclosing the Bukuka and Belukha quartz-tungsten veins. L. Kozyreva. Biul. SNO LGU no. 1 73-77 '58.

TRANSBAIKALIA—ROCKS, IGNEOUS

Upper Jurassic intrusive and ore formations in the southeastern part of eastern Transbaikalia [with summary in English]. B. I. Poliakov. Vest. LGU 15 no. 12:23-25 '60.

TRANSBAIKALIA—WOLFRAMITE

Determination of the composition of wolframite based on its specific gravity [with summary in English] V. F. Barabanov. Vest LGU 15 no. 12 149-151 '60.

TRANSCARPATHIA—BUILDING, ADOBE

Adobe livestock buildings. H. Kozlov Sil'. bud. 7 no. 5:14 My '57.

TRANSCARPATHIA—CLOTHING INDUSTRY

Ways to economize. E. Lukach. Prof.-tekh. obr. 17 no. 3:24 Mr '60.

TRANSCARPATHIA—ECONOMIC CONDITIONS

Glorious path of struggle and victories. M. Rohovyi. Blok. agit. (Zakarp.) no. 19:1-16 O '59.

TRANSCARPATHIA—FRUIT CULTURE

We shall have 100,000 hectares of orchards and vineyards in Transcarpathia. Blok. agit. (Zakarp.) no. 19:17-22 O '59.

Kompanilets', I. I. [Condition and the struggle of the workers of Galicia, Bukovina, and Transcarpathia at the beginning of the 20th century, 1900-1919] Stanovyshche i borot'ba trudiashchykh mas Halychyny, Bukovyny ta Zakarpattia na pochatku XX st., 1900-1919 roky. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 370 p.

TRANSCARPATHIA—RETAIL TRADE

Transcarpathian virgin lands. V. Zvonar'. Sov. potreb. koop. 4 no. 2:25-27 '60.

TRANSCARPATHIA—SCALE INSECTS

Scale insects (Homoptera, Coccoidea) pests of fruit crops in Transcarpathia [with summary in English]. IE. M. Tereznikova. Dop. AN URSR no. 1:110-114 '60.

TRANSCARPATHIA—VITICULTURE

We shall have 100,000 hectares of orchards and vineyards in Transcarpathia. Blok. agit. (Zakarp.) no. 19 17-22 O '59.

TRANSCARPATHIA—WOMEN IN PUBLIC LIFE

Sofiia Chepa, a propagandist. L. Vas'ko. Blok. agit. (Zakarp.) no. 19:27-30 O '59.

TRANSCAUCASIA—ATMOSPHERIC TEMPERATURE

Characteristics of processes of atmospheric circulation causing the formation of large seasonal air temperature anomalies in Transcaucasia and their forecasting. E. A. Napetvaridze, K. I. Papinashvili Trudy Tbil. NIGMI no. 5-28-41 '59.

TRANSCAUCASIA—CYCLONES

Forecasting the approach of baric systems in Transcaucasia. M. A. Zakhashvili. Trudy Tbil NIGMI no 5·42-52 '59.

TRANSCAUCASIA—GYPSUM

Expansion of the gypsum industry in Transcaucasian republics M S. Alekperov Stroi mat 6 no 2 4-7 F '60.

TRANSCAUCASIA—RESEARCH

Interrepublic coordination meeting of Transcaucasian scientists Vest AN SSSR 30 no 6 96-98 Je '60

TRANSCAUCASIA—REVOLUTION OF 1905—UNDERGROUND LITERATURE

"The Bolshevik press in Transcaucasia on the eve of and during the period of the first Russian revolution" by G Zhvaniia Reviewed by G A Arutiunov Vop ist no 6 155-156 Je '60

TRANSCAUCASIA—RIVERS

Annual flow variations in mountain rivers of Transcaucasia. G. N. Khmaladze. Trudy Tbil. NIGMI no. 5:131-151 '59

TRANSCAUCASIA—RIVERS—TEMPERATURE

Thermal regime of river waters in Transcaucasia. G. N. Khmaladze. Trudy Tbil. NIGMI no. 5 168-176 '59.

TRANSCAUCASIA—SNOW

Method of estimating the amount of snow in mountain river basins of Transcaucasia. V. Sh. TSomaia. Trudy Tbil. NIGMI no. 5.152-162 '59.

TRANSCAUCASIA—WATER BOATMEN

A new species of the genus Sigara (Hemiptera, Corixidae) from Transcaucasia [with summary in English]. A. N. Kirichenko, T. L. IAchevskii. Ent oboz. 39 no. 1:182-186 '60

TRANSCENDENTAL FUNCTIONS see Functions, Transcendental

TRANSDUCERS

Transistorized device for registering voltage deflections [with summary in English]. S. V Kulikov Avtom i telem 21 no 3 409-416 Mr '60

TRANSDUCTORS see Magnetic amplifiers

TRANSFER OF TRAINING

Psychological peculiarities of the transfer of shop skills among high school pupils [with summary in English]. E. A. Milerian. Vop. psikhol. 6 no. 1:51-59 Ja-F '60.

TRANSFORMATIONS (MATHEMATICS)

Lie derivative and differential equations of the field of a geometric object. L. E. Evtushik Dokl. AN SSSR 132 no. 5 998-1001 Je '60.

TRANS-ILI ALA-TAU—SNOW

Coefficient of precipitation preservation at the beginning of thawing in mountain regions. E. A. Men'shikova. Trudy KazNIGMI no 11 101-102 '59.

TRANS-ILI ALA-TAU—SNOW-LINE

Analyzing and forecasting the seasonal snow-line regime. V. I. Korovin Trudy KazNIGMI no. 11·62-85 '59.

TRANSISTOR AMPLIFIERS

Miniature galvanometer-type amplifier equipped with transistors. I. N. Gratsianskii. Izm. tekh. no. 2:26-29 F '60.

Transistor amplifier with an output power up to 120 va for follow-up systems. L. A. Arzhenenko, V. A. Gol'berg, N. E. Bitman. Priborostroenie no. 4:16-19 Ap '60

THERMAL PROPERTIES

Equation for the thermal stability of voltage amplifiers using different transistors IU R Nosov, B I Khazanov Radiotekhnika 15 no 3 38-44 Mr '60

TRANSISTOR CIRCUITS

Calculation of a transistor phase-inverting cascade. E. B. Gribov, IU G. Kriukov. Elektrosviaz' 14 no 4: 21-28 Ap '60

TRANSISTOR RADIOS

Bol'shov, IU. M. [Inexpensive transistor radio] Ekonomichnyi priemnik na tranzistorakh Moskva, Gos. energ. izd-vo, 1960 31 p. (Massovaia radiobiblioteka, no 371)

Kol'tsov, B. V. [Miniature loudspeakers for transistorized radio receivers] Miniatiurnye gromkogovoriteli dlia priemnikov na tranzistorakh. Moskva, Gos. energ. izd-vo, 1960. 45 p. (Massovaia radiobiblioteka, no. 361)

TRANSISTORS

Calculation of a transistor relay. S. V. Kulikov. Radiotekhnika 15 no. 4.73-80 Ap '60.

Effect of modulation of the thickness of the collector of a p-n junction at the operation of a transistor oscillator. L. N. Kaptsov. Radiotekh. i elektron. 5 no. 7:1165-1172 Jl '60.

Experimental investigation of the pricipal properties of transistors by measuring the charge on the minority carriers. V. I. Shveikin. Radiotekh. i elektron. 5 no. 7· 1156-1164 Jl '60.

Inductive properties of the resistance of p-n junction diodes in the transmissive direction at high current density. L. I. Baranov. Radiotekh. i elektron. 5 no. 6 1002-105 Je '60.

Investigation of possible transistor blocking oscillators V. N IAkovlev. Izv vys ucheb. zav , radiotekh 2 no 6 720-728 N-D '59

Some questions on the use of rectifiers as a source of power for low frequency transistor cascades in class B operation A T. Balanov, G. S TSykin Elektrosviaz' 14 no 3 26-33 Mr '60

Special features of the operating conditions of a junction transistor with sinusoidal input and output voltages. L. D. Zarkhi. Radiotekh. i elektron. 5 no. 7:1145-1157 Jl '60.

Temperature stabilization of the time parameters of pulses from transistor multivibrators. E F Doronkin Izv. vys ucheb. zav , radiotekh 2 no. 6 672-678 N-D '59.

Transient characteristics of grounded emitter and grounded collector transistor circuits A A Grinberg. Radiotekhnika 15 no 3 45-52 Mr '60.

TRANSISTORS—TERMINOLOGY

In regard to the article "Terminology in the field of transistor electronics" by T. M. Agakhanian, B N Kononov, I P. Stepanenko IU. S Karpov, V. V Pasynkov. Izv vys. ucheb zav , radiotekh 2 no. 6 750-751 N-D '59

Remarks on questions of terminology in transistor electronics N G. Bergel'son, I G Nedoluzhko, I A Shestakov. Izv vys ucheb. zav , radiotekh 2 no 6 747-750 N-D '59.

Terminology in the field of transistor electronics G A Tiagunov Izv. vys ucheb zav , radiotekh 2 no 6 751-753 N-D '59

TRANSLATING AND INTERPRETING

The role of translation during the process of teaching a foreign language in the special language institutes of higher learning M. A. Bakhareva. Uch. zap. MGPIIIA 22 183-190 '59

TRANSLATING MACHINES

A machine translates. M. Efimov. Ogonek 38 no. 10·22 Mr '60.

Translating machines. Emile Delavenay. Mol. mira. no. 7·12-13 '59

TRANSPORTATION

(see also subdivision under Karelia)

Comprehensive book about transportation junctions. V. D. Milen'kii, G. Z Veitsman. Transp. stroi. 10 no. 3 60-61 Mr '60.

Conference of the International Commission of Scientific and Technical Cooperation. I V. Gramolin Transp. stroi. 10 no. 3·55 Mr '60.

Haulage in semitrailers without reloading in case other means of transportation are used. IU P Sorochan, M S Korostashevskii. Mekh. i avtom. proizv 14 no. 3· 54-55 Mr '60.

Increasing the mechanization level of loading and unloading work in transportation. M. IAshnik. Plan. khoz 37 no. 6:67-69 Je '60.

Modern railroad stations are a junction point for various forms of transportation. I. G. IAvein. Sbor. LIIZHT no. 166·161-169 '59.

Transportation lines of the seven-year plan. S. A. Ryzhak Nauka i zhizn' 27 no. 3.11-16 Mr '60.

V. I. Lenin's views on courses of expansion in socialist transportation. L. P. Chertkov. Zhel-dor. transp. 42 no. 4:3-10 Ap '60.

BUILDING AND STRUCTURES

(see also subdivision under Gorkiy Province)

Brief news Transp stroi 10 no 3·62-63 Mr '60.

Brief news. Transp. stroi. 10 no. 1·63-64 Ja '60.

New standard designs. Transp. stroi. 10 no. 3·64-3 of cover Mr '60

Polymers in road construction. L I. Meshcheriakov. Avt. dor. 23 no. 6:16-19 Je '60.

Toward new achievements in the second year of the seven-year plan. Transp. stroi. 10 no 1:1-4 Ja '60.

Using vibrated brick panels in construction for the transportation industry. F. G. Malyshev, N E. Titorenko. Transp. stroi. 10 no. 3:31-37 Mr '60

TRANSPORTATION—LAWS AND REGULATIONS

Khodunov, M. E. [Legal problems of through freight transportation] Pravovye voprosy perevozok priamogo soobshcheniia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 65 p.

TRANSPORTATION—RATES

Coordination of rate systems in various kinds of transportation. V. Mitrofanov. Avt transp. 38 no 2 39-42 F '60.

TRANSPORTATION—STATISTICS

Development of transportation and statistical problems N. Suzdal'tsev. Vest. stat. no 6 18-24 '60.

TRANSPORTATION—TECHNOLOGICAL INNOVATIONS

Transportation of freight on trays. I. V Shtefko. Mekh. i avtom proizv 14 no 3 50-53 Mr '60

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under China, Leningrad, Moscow; Ukraine; Voronezh Province)

Bureau of Technical Assistance helps automotive transportation units. M Perepelkin, A Lomanov Avt transp 38 no. 2 17-19 F '60

Contribution of highway-transport workers to the carrying out of the decisions of the December Plenum of the Central Committee of the CPSU. Avt. transp. 38 no. 3 1-5 Mr '60.

Develop the inspection of automotive transportation operations P. Polchaninov Avt transp 38 no 3 12-13 Mr '60

Director of an automotive transportation unit V Tarshis Avt. transp. 38 no 3 9-10 Mr '60

In the Ministry of Automotive Transportation and Highways of the R. S F S R. Avt transp. 38 no. 3 54 Mr '60.

Interrepublic trucking O Smirnov. Avt transp. 38 no 2 14-15 F '60

Ostrovskii, N. B. [Combined rail and automotive transportation] Kombinirovannye avtomobil'no-zheleznodorozhnye perevozki gruzov. Moskva, 1959. 17 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: Avtomobil'nyi transport, no. 1)

Our scientific technological society V. Kuz'min. Avt transp 38 no. 2 58 F '60

The primary organization of the scientific technological society in action A Shumov. Avt. transp 38 no 3 56 Mr '60.

Progressive practices in using automotive transportation. D. I. Kogan. Transp. stroi. 10 no 3·40-41 Mr '60.

Workers take part in the management of automotive transportation units. V. Bordin Avt. transp 38 no 2,9-10 F '60

Working out a wage system for repair and auxiliary workers in automotive transportation. B. Geronimus, K. Kosai. Biul. nauch. inform. · trud i zar. plata 3 no. 1:41-48 '60.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING see subdivision under Monchegorsk

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION

Izmalkov, V. V. [Reducing the cost of automotive transportation] Snizhenie sebestoimosti avtomobil'nykh perevozok. Lit. zapis' M. S. Blantera. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 39 p. (Opyt novatorov avtotransporta)

TRANSPORTATION, AUTOMOTIVE—FREIGHT see subdivision under Estonia

TRANSPORTATION, AUTOMOTIVE—HYGIENIC ASPECTS

Automotive transportation workers should know about it. IU. Arkhangel'skii Okhr. truda i sots. strakh. 3 no. 4: 74-75 Ap '60.

TRANSPORTATION, AUTOMOTIVE—TECHNOLOGICAL INNOVATIONS

Creators of technical development. S. Gavrilov. Avt. transp. 38 no. 2 8-9 F '60.

TRAVELING-WAVE TUBES

Approximate analysis of the operation of an O-type backward-wave tube. M. B. TSeimlin, E. M. Il'ina. Radiotekh. i elektron. 5 no. 6:1010-1012 Je '60.

TRAVELING—WAVE TUBES (Continued)

Evaluation of the role of the space charge in R. Kompfner's theory of the backward-wave tube. V.N.Shevchik, L.D.Pokrovskii. Radiotekh. i elektron. 5 no.6 1008-1010 Je '60.

Wave propagation in electrical negative resistance circuits used in quantomechanical traveling-wave amplifiers. V.B.Shteinshleiger, G.S.Misezhnikov. Radiotekh. i elektron. 5 no.6:962-968 Je '60.

TRAVERSES (SURVEYING)

Concerning a mistake made in investigating angular errors in traverse surveys F F Pavlov Izv vys ucheb zav., geod i aerof no 2 41-42 '60

Developing second- and third-order state geodetic networks by traverse surveying. B. A. Litvinov. Geod. i kart no. 3·3-10 Mr '60.

Relation between the precision of elements of a traverse and its form V G Konusov Izv vys ucheb zav , geod i aerof no 2 3-11 '60

Traverse surveys made by the use of optical range finders as a method of establishing the state geodetic network. A. I. Solov'ev. Izv. vys. ucheb. zav. ,geod. i aerof. no. 1 141-149 '60.

TRAWLS AND TRAWLING

Economic expediency of the development of herring trawling in the North Sea. M.P Es'kova. Trudy BaltNIRO no. 4 92-105 '58

Mass catches of Euphausia superba made with a variable-depth trawl from the board of a whaler. G A Soliamk Inform. biul. Sov. antark eksp no 14 29-30 '60.

Mastering the use of variable-depth trawls in herring fisheries. P. V. Petelin. Trudy BaltNIRO no 4 125-160 '58.

TREATIES

"The theory of international treaties" by V. M. Shurshalov. Reviewed by I. I. Lukashuk. Sov. gos. i pravo no. 6 144-146 Je '60.

The validity of international treaties. A.N.Talalaev. Sov. gos. i pravo no. 5 114-119 My '60.

TREE FELLING

Anuchin, N. P. [Optimal felling age for trees in the European U.S.S.R.] Optimal'nye vozrasty rubki dlia lesov evropeiskoi chasti SSSR. Moskva, Goslesbumizdat, 1960. 131 p.

TREE TAPPING

(see also subdivision under Irkutsk Province, Krasnoyarsk Territory)

Crimean pine and tapping. A. V. Gordeev. Priroda no. 6,86 Je '60.

Newly designed hacks G. B. Olovennikov Gidroliz i lesokhim prom 13 no 2·22-25 '60.

TREE TAPPING—CONGRESSES

Scientific and technical conference of workers of the tree tapping industry. Gidroliz i lesokhim. prom. 13 no. 2 29-30 '60

TREES

(see also subdivision under Caucasus, Kazakhstan)

Akademiia navuk BSSR. Minsk, Instytut biialogii. [Trees and shrubs introduced into the White Russian S.S.R.] Introdutsirovannye derev'ia i kustarniki v Belorusskoi S.S.R. Minsk.

No. 2. [Arboraceous plants introduced from the flora of North America] Introdutsirovannye drevesnye rasteniia flory Severnoi Ameriki. 1960. 296 p.

TREES—DISEASES AND PESTS

Diseases of trees and shrubs in tugai forests of the Syr Darya Valley. IU. V. Sinadskii, M. A. Bondartseva. Bot. zhur. 45 no. 3:423-429 Mr '60

TREPHINING

Late results of decompressive trepanation of the skull in a patient with status epilepticus. E. S. Stankevich Kaz. med. zhur. 41 no. 1,95-96 Ja-F '60.

TRIACANTHINE

Obtaining the alkaloid triacanthine from the leaves of Gleditschia triacanthos L. A.A.Kraevskii, E.S.Zheleznova, N.V.Tokareva. Med.prom. 14 no.4,30-33 Ap '60.

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Duesseldorf

TRIALS (TREASON) see subdivision under South Africa, Union of

TRIANGULATION

Adjustment of extensive triangulation networks. A. I. Agroskin. Izv. vys. ucheb. zav. ;geod. i aerof. no. 1: 75-78 '60.

Analyzing errors of measured magnitudes in triangulation and the accuracy required in establishing their weight. A. A. Vizgin. Izv. vys. ucheb. zav. ;geod. i aerof. no. 1· 103-110 '60.

Angelov, S. A. [Tables for the reduction of directions to a plane and the calculation of spherical excesses of triangles] Tablitsy reduktsii napravlenii na ploskost' i sfericheskikh izbytkov treugol'nikov. Moskva, Izd-vo geodez. lit-ry, 1960. 90 p.

Comparing the precision of triangulation, trilateration, and the combined triangulation-trilateration method. K. L. Provorov. Izv. vys. ucheb. zav. ,geod. i aerof. no 1·57-64 '60.

Establishing triangulation networks in cities A S Neudakhin Izv vys ucheb zav , geod i aerof no 2 15-17 '60

Example to the article "Problems in the adjustment of continuous lower-grade triangulation networks " P A Gaidaev, IA G Muralev Izv vys ucheb zav , geod i aerof no 2 73-88 '60

Group observation of directions from triangulation stations. V. N. Gan'shin. Izv. vys. ucheb zav. ,geod i aerof. no. 1 121-128 '60.

Preliminary working up of triangulation data in continuous second- and third-order networks. Z. S. Khaimov. Geod i kart. no. 3 11-20 Mr '60.

Problems in the adjustment of continuous lower-grade triangulation networks. P. A. Gaidaev. Izv. vys. ucheb. zav. ,geod. i aerof. no. 1 111-120 '60.

Trilateration adjustment by the method of provisory measurements. I M Gerasimov. Geod. i kart. no. 1:8-17 Ja '60.

Types of marks for check points. M. S. Uspenskii. Geod i kart no 2·28-30 F '60

Use of plastic materials in the manufacture of station and bench marks. M.S Uspenskii. Geod. i kart. no. 3 48-51 Mr '60.

Using the method of circular observations. A. K. Gusarov, V. K. Pankrushin Geod. i kart. no. 3·21-25 Mr '60.

TRIANGULATION SIGNAL TOWERS

(see also subdivision under Kazakhstan)

Brief news Geod i kart. no 2·73 F '60.

Metal triangulation signals. G. M. Grinberg. Geod. i kart. no. 3 25-27 Mr '60.

Movable exterior triangulation signal tower with boltless joints. G. M. Grinberg. Geod. i kart no 1 28-30 Ja '60

Resolution passed at the conference of the chiefs of construction groups and brigades of aerogeodetic enterprises of the Main Administration of Geodesy and Cartography Geod i kart no 2·74-75 F '60

TRIAZINE

Degree of reactivity of the methyl group in derivatives of symmetrical methyltriazine Part 2 Coupling with diazo compounds N V Khromov-Borisov, F V Kisareva Zhur ob khim 30 no 6 1791-1798 Je '60

Triazine derivatives Part 2 Data on the spectral color of some triazine monoazo dyes possessing active chlorine atoms V I Mur, G N Vorozhtsov Zhur ob khim 30 no 6 1981-1985 Je '60

TRICHINA AND TRICHINOSIS

(see also subdivision under Arctic regions)

Electrocardiographic changes in trichinosis. A.V.IUshko. Zdrav Belor 3 no.10 42-44 O '57.

TRICHINELLA

Summarized results of a study of natural focus infections in White Russian S S R. Report No. 2 Tularemia, brucellosis, trichinosis [with summary in English] V.I Votiakov and others Zhur mikrobiol epid i immun 31 no 2 65-69 F '60

TRICHODESMA—TOXICOLOGY

Bone marrow hemopoiesis in Trichodesma toxicosis. A. K. Adylov, Zh. M. Smolenskaia. Med. zhur. Uzb. no. 5:32-34 My '58.

TRICHOMONIASIS

Biological methods of treating trichomonal colpitis. V. I. Zakharov and others. Zdravookhranenie 3 no.1 49-52 Ja-F '60.

TRICYCLES see Bicycles and tricycles

TRIDYMITE

Effect of the structure of the melt on tridymite formation in quartz. M. F. Nazarenko. Vest. AN Kazakh. SSR 16 no. 3:59-72 Mr '60.

TRIGEMINAL NERVE

Features of the structure of the trigeminal nerve in the stem portion of the animal nerve. Kh. Z. Zakhidov. Uzb. biol. zhur. no. 1:64-68 '60.

TRIGEMINAL NERVE—DISEASES

Amount of bisulfite-binding substances (BSV) in the urine of patients with trigeminal pains. M. M. Netreba, E. D Burgsdorf, E N. Peskina Vrach delo no. 1:89-90 '60

TRIGEMINAL NERVE—WOUNDS AND INJURIES

Condition of the nerves of the periodontium in neurodystrophic processes following injury to the trigeminal nerve. E. D. Bromberg. Probl. stom. 4:29-38 '58.

TRIGONOMETRY—STUDY AND TEACHING

Andronov, I. K. , and A. K. Okunev. [Basic course of trigonometry, based on practical problems, textbook for teachers] Osnovnoi kurs trigonometrii, razvivaemyi na tselesoobraznykh zadachakh; posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 365 p.

TRILOBITES see subdivision under Leningrad Province

TRIODES

Characteristics of powerful P4 and P207 junction transisters for the calculation of key operating conditions of the triodes. A. S. Sandler, R. S. Sarbatov. Vest. elektroprom. 31 no. 3,60-65 Mr '60.

TRIPLETS see subdivision under Osipovich

TRITIUM—ISOTOPES

Use of the tritium radioisotope in studying the dynamics of underground water. A. A. Abdullaev and others. Izv. , AN Uz. SSR. Ser. fiz. -mat. nauk no. 6:82-83 '59.

TROEPOL'SKII, G.

"Partly satirical" ("Doctor of Science Candidate"; a partly satiric tale by G. Troepol'skii. Reviewed by N. Zamoshkin) Moskva 4 no 1:218-219 '60.

TROITSK—GLYCEROL

Automatically controlled feeding of glycerin into the distillation apparatus. N. F. Kolkov. Masl. -zhir. prom. 26 no. 3:36-37 Mr '60.

TROLLEY BUSES

(see also subdivision under Moscow)

Investigating the three-wire supply system for trolleybuses. V. E. Rosenfel'd, A. G. Smirnov. Elektrichestvo no. 3:60-64 Mr '60.

TROLLEY BUSES—MAINTENANCE AND REPAIR

Provide streetcar and trolley-bus repair stations with an adequate supply of spare parts. G. Liberman. Zhil. -kom. khoz. 10 no. 4:13-14 '60.

TROLLEY WIRES see Electric current collectors

TROPICS—DISEASE AND HYGIENE

Nutritional disorders of children in tropical countries. G Ferro-Luzzi Usl zhiz i zdorov 1 no 5 27-29 '59

TROPYLIDENE

Hydride transfer in ditropyl ether, resulting in the formation of tropone and tropylidene. M. E. Vol'pin, Z. N. Parnes, D. N. Kursanov. Izv. AN SSSR Otd khim. nauk no 5 950 My '60

TROPYLIUM COMPOUNDS

Hydride transfer in ditropyl ether, resulting in the formation of tropone and tropylidene M. E. Vol'pin, Z. N Parnes, D. N Kursanov. Izv AN SSSR Otd. khim. nauk no 5 950 My '60

TROUSERS

Assembling the rise of trousers on the SVB-4 machine. L. N. Pankova, IU. D. Shitikova. Shvein. prom. no. 1: 23-25 Ja-F '60.

TRUBEZH VALLEY—DRAINAGE

Operation of the Trubezh drainage and irrigation system. I. IA. Lubianyi. Gidr. i mel. 12 no. 2·16-19 F '60

TRUCK DRIVERS see Highway transport workers

TRUCK TRAILERS

Operational requirements of motortrucks, trailers, and semitrailers. N. B. Ostrovskii. Avt. prom. no. 4,1-3 Ap '60.

Refueling trailer. O. Miroshnichenko, V. Goferman. Grazhd. av. 17 no. 2·28-29 F '60.

TRUSSES

Determining stresses in a statically indeterminate truss corresponding to its minimum weight in designing the truss for multiple loads. K. M. Khuberian Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3·24-29 My-Je '60.

TRYPSIN

Stabilization of pepsin, trypsin, and chymotrypsin by amino acids [with summary in English]. O.S. TSyporovych, A. L. Losieva. Ukr. biokhim. zhur. 32 no. 1:25-43 '60.

Tryptic activity of the sperm whale pancreas. A. M. Sushko, Z. A. Emel'ianenko. Soob. Prim. otd. VKHO no. 3:135-144 '57.

TRYPTONE

Luminescence of cultures of the free-moving Bacterium Issatchenkoi Egorova from the Black Sea. V. I. Voitov, A. A. Egorova, N. I. Tarasov Dokl. AN SSSR 132 no. 6 1425-1428 Je '60.

TSANDER, FRIDRIKH ARTUROVICH, 1887-1933

"Closer to the stars!" N. Strelkov. Sov. voin 42 no. 12: 25 Je '60.

TSIKHANOVICH, VALIANTSIN MIKALAEVICH, 1909-

Skilled illustrator of books. S. Luhavy. Belarus' 17 no. 2:21 F '60.

TSIMAKURIDZÉ, ALEKSANDR GRIGOR'EVICH, 1892-1954

Virsaladze, T. B. TSimakuridze. Moskva, Gos. izd-vo "Iskusstvo," 1959. 41 p., illus.

TSINGER, NIKOLAI IAKOVLEVICH, 1842-1918

Gan'shin, V. N. [Nikolai IAkovlevich TSinger; geodesist, astronomer, and cartographer] Nikolai IAkovlevich TSinger; geodezist, astronom i kartograf. Moskva, Izd-vo geodez. lit-ry, 1960. 113 p.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935

Briukhanov, V. A. [K. E. TSiolkovskii's philosophy and his scientific and technological work] Mirovozzrenie K. E TSiolkovskogo i ego nauchno-tekhnicheskoe tvorchestvo. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959 168 p.
[MICROFILM]

Kosmodem'ianskii, A. A. [K. E. TSiolkovskii; his life and his work on rocket engineering] K. E. TSiolkovskii - ego zhizn' i raboty po raketnoi tekhnike Moskva, Voen. izd-vo M-va obor. SSSR, 1960 186 p. (Nauchno-populiarnaia biblioteka)

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935—BIBLIOGRAPHY see Bibliography—Tsiolkovskii, Konstantin Eduardovich, 1857-1935

TSULUKIDZE, ALEKSANDR GRIGOR'EVICH, 1876-1905

Some problems of historical materialism in the works of A. TSulukidze. M. N. Kilaberia. Nauch. dokl. vys. shkoly, filos. nauki 3 no. 1:139-144 '60.

TSYBIN, VLADIMIR DMITRIEVICH, 1932-

From a good home ("Mother steppe" by Vl. TSybin, "Birchen dawn" by Vl. Firsov). Moskva 4 no. 1,216-218 '60

TUBERCULOSIS

(see also subdivision under Argentina, Bashkiria, Moldavia; Namangan Province, Serpukhov, Stanislav Province, Tyura-Kurgan District, Ukraine, Uzbekistan)

A. A. Kisel' and his role in the development of concepts on tuberculosis in children M. P. Pokhitonova Probl tub. 37 no 8 97-103 '59.

Aerosol therapy in pulmonary tuberculosis. P. L. Vienikov. Kaz. med. zhur. 41 no. 1:16-21 Ja-F '60.

Brochogenic cancer and tuberculosis K. E. Nikishin, T. N. Khavkin Med zhur Uzb no 6 21-26 Je '58.

Changes in receptors of the ganglia of the solar plexus in man in tuberculosis D. A. Amindzhanova. Med zhur Uzb no 6 58-60 Je '58

Clinical aspects and therapy of infiltrative pulmonary tuberculosis [with summary in French] A S Svitneva Probl. tub. 37 no 8 28-31 '59

Current problems in the prevention and treatment of tuberculosis F. V. Shebanov. Probl tub 37 no. 8 3-10 '59

Diagnostic and prognostic significance of the reaction of the determination of the "third fraction" of the blood in the clinical aspects of pulmonary tuberculosis A. M. Soskin Zdrav. Belor. 3 no 10 12-17 O '57.

Economical lung resection in tuberculosis. A. L. Shinder. Zdravookhranenie 3 no. 1 25-28 Ja-F '60.

Epidemic outbreak of tuberculosis in a rural school [with summary in French]. T. Burilkov Probl. tub. 37 no 8.15-21 '59.

Experimental induction of pulmonary caseoma [with summary in French]. M M Averbakh. Probl. tub. 37 no. 8:83-88 '59.

Experimental tuberculosis in guinea pigs caused by mycobacteria resistant to phthivazid. N. G. Luk'ianov. Zdravookhranenie 3 no. 1:41-45 Ja-F '60.

First experience. S. Damsker. Sots. obesp. 21 no. 2: 38-39 F '60.

Influence of blood transfusion on the phagocytic activity of the polymorphonuclear leucocytes and lymphocytes in pulmonary tuberculosis patients. A. M. Vil'derman. Zdravookhranenie 3 no. 1 32-36 Ja-F '60.

Intrapericardial section of the vessels of the radix pulmonis in patients with pulmonary tuberculosis I. L. Druian Zdrav Belor. 6 no. 2 20-23 F '60.

Intravital diagnosis of pulmonary adenomatosis [with summary in French]. T. N. Oleneva. Probl. tub. 37 no 8 24-28 '59.

Methods for the control of coughing in pulmonary tuberculosis. A. I. Gerasimov. Vrach. delo no. 2:105 F '60.

[Multivolume handbook on tuberculosis] Mnogotomnoe rukovodstvo po tuberkulezu. Moskva, Gos. izd-vo med lit-ry

Vol 1. [General problems in tuberculosis] Obshchie problemy tuberkuleza Red toma: V. L. Einis, A. I. Strukov. 1959. 672 p.
(DNLM)

Open treatment of caverns in pulmonary tuberculosis. V. A. Poplashvili. Med. zhur. Uzb. no. 6 57-58 Je '58.

Pathomorphological characteristics of tuberculosis and its complications in adults; based on autopsy data for Leningrad during the period 1953-1957 [with summary in French] A. T. Khazanov. Probl tub. 37 no. 8 75-83 '59.

Pathways in the development of surgery for pulmonary tuberculosis. L. K. Bogush. Vest. AMN SSSR 15 no. 1:17-25 '60.

Principles of therapeutic nutrition for pulmonary tuberculosis patients. M. F. Merezhinskii. Zdrav. Belor. 3 no. 10:63-66 O '57

Roentgenkymography of the heart in pulmonary tuberculosis. M. A. Kuklin. Vrach. delo no. 2:201-203 F '60.

Role of tibione in combined drug therapy in pulmonary tuberculosis. N. G. Luk'ianov. Zdravookhranenie 3 no. 1:15-20 Ja-F '60.

Some problems in drug therapy in tuberculosis in connection with the phenomenon of drug resistance [with summary in English]. R. O. Drabkina. Vrach. delo no. 2:125-129 F '60.

Therapeutic tactics in the preparation of pulmonary tuberculosis patients for surgery. A. M. Barenboim, G I Rozenberg. Vrach. delo no. 2:129-138 F '60

Tuberculoma of the lung and its therapy [with summary in French] A. Kh Arāss Probl tub. 37 no 8:34-40 '59

Use of the preparation ethoxid in clinical pulmonary tuberculosis [with summary in French] A. A. Kaminskaia, E. Z Mirzoian Probl tub 37 no 8 47-53 '59

TUBERCULOSIS—CONGRESSES

Fifteenth session of the Tuberculosis Institute of the Academy of Medical Sciences of the U S S R. K. IA Koleberda. Vest AMN SSSR 14 no 10 70-78 '59

TUBERCULOSIS—HOSPITALS AND SANATORIUMS

(see also subdivision under Lenin District, Andizhan Province, Podunajske Biskupice, Czechoslovakia, Tyura-Kurgan District)

Work of the tuberculosis sanatorium of the "Uzbekistan" Collective Farm. R I. Rakhimbaev Med zhur. Uzb. no. 6,17 Je '58

TUBERCULOSIS—PREVENTIVE INOCULATION

Organization and administration of antituberculosis inoculations at a feldsher-midwife center. N. S. Spinei. Zdravookhranenie 3 no 1 58-59 Ja-F '60

TUGAN-BARANOVSKII, MIKHAIL IVANOVICH, 1865-1919

"The light before the dawn", a novel by M Tugan-Baranovskii Reviewed by V Bakinskii Zvezda no 3 217 Mr '60

TUGBOATS

A 150-horsepower tugboat with a water-jet engine. V. N. Semenov. Biul. tekh.-ekon. inform. no. 3:58-60 '60.

TULA—REVOLUTION, 1917-1921

How the Bolsheviks tried to persuade the Tula garrison to support the socialist revolution, March-October 1917. I. A. Bynkin Trudy TMI no 13:58-75 '59.

TULA BASIN—COAL MINERS

Organizer and educator of miners. N. Drogunov. Mast. ugl 9 no 2:7 F '60

TULA BASIN—STRIP MINING

Mining practices of Kimovo strip mine. P. A. Mokrousov. Ugol' 35 no. 3:18-19 Mr '60.

TULA DISTRICT—SOCIAL CONDITIONS

In a workmen's settlement. V. Liutikov. Sov. profsoiuzy 16 no. 11 42-43 Je '60.

TULA PROVINCE

[N. S. Khrushchev's visit in Tula and Tula Province, February 16-19, 1959] Prebyvanie N. S. Khrushcheva v Tule i Tul'skoi oblasti, 16-19 fevr. 1959 goda. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 115 p.
(MH)

TULA PROVINCE—ECONOMIC CONDITIONS

Mel'shilan, V. V. [Tula Province; an account of its economic geography] Tul'skaia oblast'; ekonomiko-geograficheskii ocherk. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 237 p.
(NNC)

TULA PROVINCE—HEALTH EDUCATION

A day which lasts a year. A. Dom'ianov. Sov. kras. krest. 10 no. 1:9-11 Ja-F '60.

TULA PROVINCE—PUBLIC HEALTH

Health Day in Tula Province. L. Kamenskaia. Okhr. truda i sots strakh. 3 no. 4 29-32 Ap '60.

TULA PROVINCE—RETAIL TRADE

A friendly group. A. Natolin. Sov. potreb. koop. 4 no. 3:64 Mr '60.

TULA PROVINCE—SCHEDULES, SCHOOL

Here the schools changed to longer hours.... G. Pavlova. Nar. obr. no. 6:26-27 Je '60.

TULA PROVINCE—STEEL INDUSTRY

Postwar development of the steel industry in the Tula Economic Region. D G. Solomentsev. Trudy TMI no. 13: 76-99 '59.

TULAREMIA

(see also subdivision under White Russia)

Problem of bacterioscopic detection of tularemia bacteria in the organs of guinea pigs in experimental infection, concerning the article by V P. Dzhanpoladova Zhur mikrobiol. epid. i immun 31 no 2 69-71 F '60.

Problem of the duration of immunity to plague, tularemia and brucellosis in guinea pigs vaccinated subcutaneously with a mixture of the corresponding three vaccines. V. G. Pilipenko and others. Zhur. mikrobiol. epid. i immun 31 no. 2 23-29 F '60.

Some differences in the causative agent of tularemia in the old and new world N G. Olsuf'ev, O. S. Emel'ianova, T N Dunaeva Vest AMN SSSR 14 no. 6 51-58 '59.

Study of revaccination in experimental and human tularemia [with summary in English]. L. S. Matveeva. Zhur. mikrobiol. epid i immun. 31 no. 2:14-22 F '60.

TULIPS—VARIETIES see subdivision under Alma-Ata

TUMORS

Blastomogenic action of radioactive substances; experimental data V A Sanotskii Gig zhiz i zdorov. 1 no 5 5-7 '59

Effect of protein deficiency on the activity of xanthine oxidase and aldehyde oxidase in tissues of healthy and tumorous rats [with summary in English] V. P. Korotkoruchko, T. M Pechenova Ukr biokhim zhur 32 no 3 346-357 '60

TUMORS—DIAGNOSIS

Role of clinicians in the pathological diagnosis of tumors. P. D. Tuliaganov. Med. zhur. Uzb. no. 10.80-83 O '58.

TUNA FISH see subdivision under Atlantic Ocean

TUNGSTEN

Radiometric method for checking the homogeneity of thoriated tungsten powder. I. Z. Gubaidullin. Zav. lab. 26 no. 1:462-163 '60.

TUNGSTEN—PHYSIOLOGICAL EFFECT

Reaction of lung tissue following experimental introduction of dusts containing mercury and tungsten. A A. Akhmerova. Med zhur Uzb no 6 54-56 Je '58

TUNGSTEN BROMIDE

Determination of the heat of formation of tungsten hexabromide. S. A. Shchukarev, G. A. Kokovin. Zhur. neorg. khim. 5 no. 2 507 F '60.

TUNGSTEN COMPOUNDS

Mechanism of formation of high molecular weight compounds of tungsten, as studied by the dilatometric and spectrophotometric methods V. I. Spitsyn, V IA Kabanov Dokl AN SSSR 132 no 5 1114-1117 Je '60

TUNGSTEN-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-tungsten alloys

TUNGSTEN ORES see subdivision under Dzhida range

TUNGSTEN SILICIDES

Existence of W_3Si silicide. N. N. Matiushenko, L. N. Efimenko, D. P. Solopikhin. Fiz. met. i metalloved 8 no. 6:878-880 D '59.

TUNGSTEN SULFIDE

Sorption of nitrogen and benzene vapors by a tungsten sulfide catalyst. IU. A. El'tekov, S. M. Samoilov. Izv. AN SSSR Otd. khim. nauk no. 5.794-800 My '60.

TUNGUS LANGUAGE—DICTIONARIES—RUSSIAN

Gortsevskaia, V. A. [Evenki-Russian dictionary] Evenkiisko-russkii slovar'. Leningrad, Uchpedgiz, 1958. 309 p.
(MH)

TUNGUSES

The Tungus cradle; in connection with the problem of Tungus-Manchu ethnogeny G. M. Vasilevich Sbor Muz. ant. i etn. 19:5-28 '60.

TUNGUSIC LANGUAGES

Classification of the Tungus-Manchu languages. G. M. Vasilevich. Vop. iaz. 9 no 2.43-49 Mr-Ap '60.

TUNIS—ECONOMIC CONDITIONS

Guinea, Morocco and Tunis on the road to economic independence. V. Shmelev. Mir. ekon. i mezhdunar. otn. no. 6:107-108 Je '60.

TUNNELING

(see also subdivision under Moscow)

Using monolithic precast reinforced concrete construction elements in tunneling. G. A. Katkov. Transp. stroi. 10 no. 1:59-60 Ja '60.

Using permanent rod timbering in lining tunnels. B. K. Chukan. Transp. stroi. 10 no. 1:49-52 Ja '60.

TUNNELING—EQUIPMENT AND SUPPLIES see subdivision under Moscow

TUNNELS see subdivision under Japan

TURBINES

Construction of turbomachines during the sixth five-year plan. V. I. Bulanin, V. P. Gur'ev. Trudy LPI no. 187. 4-28 '56.

Small turbine motor for high-speed photographic recording equipment. S. N Sidorov. Usp. nauch. fot. 6:116-120 '59

Utilizing the steam sucked out of the intermediate chambers of the end packings. S. L. Piontkovskii. Energetik 8 no. 3:12-13 Mr '60.

Valve for automatic startup of the turbine feeding pump. V. G. Guliaev. Energetik 8 no. 3:15-16 Mr '60.

TURBINES—BLADES

Studying the effect of surface roughness of turbine vanes. N. M. Markov. Izv. vys. ucheb. zav.; energ. 3 no. 5: 108-117 My '60.

TURBINES—MAINTENANCE AND REPAIR

Reconditioning the rotor of the AEG 4.5 mev., 3000 r.p m turbine. N.P. Skvortsov. Energetik 8 no 3 11-12 Mr '60.

Unique features in the removal of the retaining rings from the turbogenerator rotor. IA S. Urintsev. Energetik 8 no 3 22-23 Mr '60

TURBOBLOWERS

Use of turboblowers for carbon dioxide F I Zeniuk Sakh prom 34 no 3 39-40 Mr '60

TURBODRILLS

Performance of turbobits on heavy clay muds. N.V Navrotskii. Neftianik 5 no.5.14-15 My '60.

The UTZ-2 turbodrilling unit for drilling freezing wells D S Karelnikov Biul tekh -ekon inform no 2 3 '60

TURBOGENERATORS

(see also subdivision under Kharkov)

Checking the quality of the soldered heads of stator poles in hydraulic turbines and turbogenerators. L.M IAblonik Vest elektroprom 31 no. 3 72-74 Mr '60

Lathe for machining holes in coupling flanges of turbogenerators. G. B. Reznil Energetik 8 no 2 9-10 F '60

TURBOGENERATORS—COOLING

Converting turbogenerators to higher hydrogen pressure. L. A. Mirenburg, V IU. Avrukh Energetik 8 no. 3 30-34 Mr '60

Hydrogen cooling of TV2-100-2 turbogenerators. G.P. Semeniuta. Energetik 8 no. 3;20-21 Mr '60

TURBOGENERATORS—LUBRICATION

Feeding TV-60-2 turbogenerator glands from the main turbine oil pump at low hydrogen pressure. G. G. Birshert. Energetik 8 no. 3,21 Mr '60.

TURBOMACHINES

Dorfman, A Sh., and others [Aerodynamics of diffusors and exhaust nozzles of turbomachines] Aerodinamika diffuzorov i vykhlopnykh patrubkov turbomashin. Pod red I T Shvetsa. Kiev, Izd-vo Akad nauk USSR, 1960 187 p

Use of turbo-transmissions on centrifuges. N. P. Krasil'nikov, A. V. Tekhmishchian, A. V. Shlau. Obog i brik. ugl. no. 11 36-39 '59

TURCHANINOVA, EVGENIA DMITRIEVNA, 1870-

Glorious 90th anniversary. N. Tolchenova. Ogonek 38 no. 10·21 Mr '60.

TURIN—STUDENTS

They starved to death. Giorgio Caputo. Vsem. stud. nov. 14 no. 2;2-3 F '60.

TURKESTAN—REVOLUTION, 1917-1921

A letter from Tashkent workers. L. M. Landa. Izv. AN Uz. SSR. Ser. obshchestv nauk no 1 58 '60.

TURKEY—AGRICULTURE—ECONOMIC ASPECTS

Moiseev, P. P. [Agrarian relations in modern Turkey] Agrarnye otnosheniia v sovremennoi Turtsii. Moskva, Izd-vo vostochnoi lit-ry, 1960. 223 p.

TURKEY—AIR BASES, AMERICAN

Turkey faces a choice. B. Alekseev. Mezhdunar. zhizn' 7 no. 7;62-65 Jl '60.

TURKEY—COMMERCE—RUSSIA

Protocol to the trade and payment agreement between the U. S S R and Turkey of October 8, 1937. Vnesh. torg 30 no. 6 46-48 '60.

TURKEY—ECONOMIC CONDITIONS

Culture and education in Turkey. G. Osipov. Nar. obr no 6 93-95 Je '60.

TURKEY—EDUCATION

Culture and education in Turkey G. Osipov. Nar obr. no. 6 93-95 Je '60.

TURKEY—FOREIGN RELATIONS—RUSSIA

M. V. Frunze's mission to Turkey. Mezhdunar. zhizn' 7 no. 7:155-158 Jl '60.

Moscow and Ankara. Nov. vrem. 18 no. 24:3 Je '60.

The treaty of Unkiar Skelessi, 1883. N. S. Kiniapina. Nauch. dokl. vys. shkoly; ist. nauki no. 2:30-49 '58.

Turkey faces a choice. B. Alekseev. Mezhdunar. zhizn' 7 no. 7,62-65 Jl '60

TURKEY—HISTORY

The treaty of Unkiar Skelessi, 1883. N. S. Kiniapina. Nauch. dokl. vys. shkoly; ist. nauki no. 2:30-49 '58.

TURKEY—MILITARY BASES, AMERICAN

Their hazardous path IAkiv Lytovchenko. Ukraina no 5 21 Mr '60

TURKEY—PEASANTRY

"A modern history of Turkey's peasantry" by A. D Novichev. Reviewed by P P. Moiseev. Vop. ist no 6 167-169 Je '60.

TURKEY—PEASANTRY—BIBLIOGRAPHY

Sources and literature on the Turkish peasantry of the recent period. A. D. Novichev. Uch. zap. LGU no. 282· 15-43 '59.

TURKEY—POLITICS AND GOVERNMENT

Events. Mezhdunar. zhizn' 7 no. 7·154 Jl '60.

TURKEY—SILVERSMITHING

A Turkish silver pitcher of the 16th century. IU. Muller. Soob. Gos. Erm. no. 15 52-54 '59

TURKIC LANGUAGES—ATTRIBUTION

Turkic attributive constructions indicating relationship. S. N. Ivanov. Uch. zap. LGU no. 282 189-196 '59

TURKIC STUDIES see subdivision under Leningrad

TURKISH LANGUAGE—ALPHABET

Reform of the Turkish alphabet, historical development. A. N. Kononov. Uch. zap. LGU no. 282·158-169 '59.

TURKISH LANGUAGE—DIALECTS

The study of the Turkish dialects of Asia Minor by prerevolutionary and Soviet scholars. A P. Vekilov Uch zap Inst. vost 25,291-302 '60.

TURKISH LANGUAGE—TERMS AND PHRASES

Four Turkish idiomatic phrases. F D. Ashnin Vop iaz. 9 no 2 80-85 Mr-Ap '60.

TURKMEN LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES

Turkmen S. S. R. Forty books by Asian and African writers The periodical "Sovet Edebiiaty" and the almanac "Ashkhabad " Inform biul. Sov. podgot. kom po sozyvu konf. pis stran Azii i Afr. 15-16 Ag '58

TURKMENISTAN

"Neme khabar bar?" B. Ovezov. Sov. Soiuz. no. 5:45-49 '60.

TURKMENISTAN—AERONAUTICS, COMMERCIAL

According to the new manual. I. Kachurin. Grazkh. av. 17 no. 2,9 F '60.

TURKMENISTAN—AGRICULTURAL LABORERS—DISEASES AND HYGIENE

Effectiveness of the varnish of the Turkmen Dermato-Venereological Institute in the prevention of pustular diseases in cotton pickers. A. I. Slavnin, I. U. Usmanov, V. P. Tikhonov. Med. zhur. Uzb no. 11·76-77 N '59.

TURKMENISTAN—ARCHAEOLOGY

The 1959 Turkmen archaeological-ethnographical expedition. S. P. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 3: 72 My-Je '60.

TURKMENISTAN—BALUCHIS

Trip to the Baluchis of Turkmenistan in 1958. E. G. Gafferberg. Sov etn no 1 112-125 Ja-F '60.

TURKMENISTAN—CONSTITUTION

Turkmen S. S. R. Constitution. [Constitution (fundamental law) of the Turkmen Soviet Socialist Republic, with amendments adopted at the first, second, third, fourth, fifth, and sixth sessions of the Fourth Supreme Soviet of the Turkmen S. S. R.] Konstitutsiia (osnovnoi zakon) Turkmenskoi Sovetskoi Sotsialisticheskoi Respubliki. S izmeneniiami i dopolneniiami priniatymi na 1, 2, 3, 4, 5 i 6 sessiiakh Verkhovnogo Soveta Turkmenskoi SSR 4 sozyva. Ashkhabad, Turkmenskoe gos. izd-vo, 1959. 28 p.
(MIU)

TURKMENISTAN—DARKLING BEETLES

Muscles of the mouth parts and pharynx in desert darkling beetles (Coleoptera, Tenebrionidae) of Turkmenistan [with summary in English]. G. S. Medvedev. Ent. oboz. 39 no. 1 106-121 '60.

TURKMENISTAN—EARTHQUAKES

Seismicity of Turkmenistan. A. A. Kurdiiskaia, R. D. Nepesov. Trudy Inst fiz. i geofiz. AN Turk SSR 5:88-105 '58

TURKMENISTAN—EARTHQUAKES AND BUILDING

Orazymbetov, N. O., M. M. Serdiukov, and S. A. Shanin. [The Ashkhabad earthquake of 1948; engineering analysis of aftereffects of the earthquake] Ashkhabadskoe zemletriasenie 1948 g.; inzhenernyi analiz posledstvii zemletriaseniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 306 p.

TURKMENISTAN—ETHNOLOGY

The 1959 Turkmen archaeological-ethnographical expedition. S. P. Vest. Mosk. un. Ser. 9: Ist. nauki 15 no. 3: 72 My-Je '60.

TURKMENISTAN—GEOLOGY, STRUCTURAL

Methods and results of work in compiling a regional structural map of Turkmenia based on geophysical data. A. A. Borisov. Prikl. geofiz. no. 24,190-212 '60.

TURKMENISTAN—INDUSTRIES

Effect of the lowering level of the Caspian Sea on the national economy of the Turkmen S S. R O. N. Mamedniiazov. Trudy Okean kom. 5;350-352 '59.

TURKMENISTAN—PETROLEUM—ANALYSIS

Some results acheived in using the method of combination scattering to investigate six-membered naphthene hydrocarbons in the benzines of Kum-Dag and Nebit-Dag. A. A. Berdyev, N. G. Bekmetova Turdy Inst fiz i geofiz. AN Turk. SSR 5,106-111 '58.

TURKMENISTAN—SEISMOLOGY

Dividing the zone of the Ashkhabad earthquake of 1948 into microregions on the basis of instrumental seismic observations S V Puchkov Trudy Inst fiz. zem no 5 60-80 '59

TURKMENISTAN—WIND POWER

Some elements of wind-power surveys in Turkmenistan. M V. Kolodin. Trudy Inst fiz. i geofiz. AN Turk SSR 5·112-136 '58

TURNING

Cutting forces in turning the 65G and KhVG steels. V. A. Parizhskii. Vest. mash. 40 no. 3:72 Mr '60.

Determining adjustment dimensions for automatic readjustment of cutting tools on automatic lathes in machining instrument parts A. I. Lefer Priborostroenie no 3 17-19 Mr '60

Effect of high-frequency vibrations of cutting tools during turning on the quality of surfaces. A. L Voronov. Trudy Sem. po kach. poverkh. no 4 225-230 '59.

IAtchenko, S. V. [Machining on lathes] Tokarnoe delo. Izd. 9., perer., dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 493 p.

Lathe and press work in the schools. V. Vladimirskii Shkola i proizv. 4 no. 3 89-90 Mr '60.

Precision of machining stepped rollers on lathes equipped with hydro-copying slides. I. A. Nemirovskii. Vest. mash. 40 no. 3;61-66 Mr '60.

Smoothness of a steel surface machined with heavy feed on a fine turning lathe. A I Markov. Trudy Sem. po kach poverkh. no. 4 127-136 '59.

TURNING—HANDBOOKS, MANUALS, ETC.

Mukin, I. M. [Manual for young lathe operators] Spravochnik molodogo tokaria Izd. 2., ispr. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 445 p.

TURNING—STUDY AND TEACHING

Studying mechanization and automatization during the course on "Turning." B. Obshadko Prof.-tekh. obr. 17 no 2·10-14 F '60.

TUROCHAK REGION—ALASKITE

Petrological and geochemical characteristics of some alaskite granites of the Uymen' depression (Gornyy Altai) [with summary in English]. G. B. Kochkin. Geokhimiia no. 1·76-78 '60.

TURSUN-ZADE, MIRZO

Poetry of the friendship and happiness of the peoples. A. Makarov. Sov. voin. 42 no. 11;18 Je '60.

TUVA AUTONOMOUS PROVINCE—COOPERATIVE SOCIETIES

Cooperative societies of Tuva. A. Arlanmal, L. Tul'chinskii. Sov. potreb. koop. 4 no. 7:31-35 '60.

TUVA AUTONOMOUS PROVINCE—DISCOVERY AND EXPLORATION

History of the geographical study of Tuva in the second half of the 19th and the first half of the 20th century I. G Nordega Trudy Inst ist est i tekh. 27 67-111 '59

TUVA AUTONOMOUS PROVINCE—HETEROGENITE

Heterogenite from the Khovakhsa deposit. L. K. IAkhontova. Vest. Mosk. un. Ser. biol., pochv., geol, geog. 14 no. 4·109-116 '59

TUVA AUTONOMOUS PROVINCE—ROCKS, SEDIMENTARY

Mineralogy and geochemistry of cadmium in sedimentary rocks of Tuva [with summary in English]. E. Z. Bur'ianova. Geokhimiia no. 2:177-182 '60.

TUYMAZY—PETROLEUM GEOLOGY

Structure and conditions of the accumulation of productive terrigenous deposits in the D-1 horizon of the Tuymazy petroleum deposit. N. G. Ustinov. Dokl AN SSSR 132 no 5 1103-1106 Je '60

TUYMAZY REGION—GRAVITY

Gravity anomalies caused by horizontal variation of rock densities in sedimentary deposits of the eastern regions of the Russian Platform. R. F. Volodarskii Vest Mosk un. Ser. biol., pochv., geol., geog. 14 no. 4:83-94 '59.

TUZLY REGION—GRAY MULLETS

Fisheries and their productivity in the Tuzly lagoon group. V. N. Dolgii. Uch. zap. Kish. un. 32;131-136 '58.

Growth rate of the gray mullet Mugil saliens Risso in the Tuzly lagoon group. V. N. Dolgii. Uch. zap. Kish. un. 32;137-144 '58.

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-

Right flank man of Soviet poetry. A. Kondratovich. Sov. voin. 42 no. 11:25 Je '60.

TWILIGHT

Brightness of the twilight and night sky. O. D. Bartenova, A. N. Bolarova. Trudy GGO no. 100:133-140 '60.

TWIST DRILLS

Center drills permitting repeated grinding Stan i instr no 4 37-38 Ap '60.

TWIST DRILLS—STANDARDS

[Twist drills for machining light alloys] Sverla spiral'nye dlia obrabotki legkikh splavov Moskva, Gos. izd-vo standartov "Standartgiz," 1959. 35 p. (Normali mashinostroenlia SSSR)

2, 4-D

Decomposition of 2, 4-D in tissues of the Canada thistle [with summary in English]. A. V. Voevodin. Fiziol. rast. 7 no. 3:315-319 '60.

Effect of the herbicide 2, 4-D on various plant species [with summary in English] V G Tanfil'ev Biul MOIP. Otd biol 64 no 5 77-88 S-O '59

TYPHOID FEVER

Electrocardiographic observations of patients with typhoid fever during treatment B M Rozenman. Zdrav Belor 6 no 2 34-37 F '60

Rare case of invagination of the large intestine in typhoid fever in an eleven months-old child. V. A Alimov. Med zhur. Uzb no. 5,61-66 My '58.

Survival of typhoid fever bacilli in vegetables, berries, and fruits under experimental conditions G. R Azizov. Med zhur Uzb. no. 6 65-67 Je '58

Treatment of typhoid fever with antibiotics by the interrupted-cyclical method S V Prımakov Vrach delo no 4 427 Ap '60

TYPHOONS

(see also subdivision under Japan)

Changes in some meteorological elements and the frequency of typhoons over China during a period of many years and their relationship with epochal transformations of the W, C, and E types of atmospheric circulation. Chang Chi-chia. Trudy GGO no. 90 63-78 '60.

Evolution of typhoons. A. V. Sharapov. Trudy Dal'nevost NIGMI no 7:33-45 '59.

TYPHUS

(see also subdivision under Black Sea region)

Weil-Felix reaction in northern Asiatic tick-borne typhus [with summary in English] S. M. Kulagin. Zhur mikrobiol epid. i immun. 31 no 2 45-50 F '60

TYRNY-AUZ—MOLYBDENUM

A trip to Molybden Peak. G. Kalinovskii. Ogonek 38 no. 14·18-19 Ap '60.

TYROSINE

Oxidation of tyrosine in rat liver slices [with summary in English]. Wang Chung-yen. Biokhimiia 25 no. 1:118-123 Ja-F '60.

TYUMEN—MUNICIPAL SERVICES

Change in the appearance of the city of Tyumen. P. Potapov. Zhil.-kom. khoz. 10 no. 3:6-7 '60.

TYUMEN PROVINCE—BOOKSELLERS AND BOOKSELLING

Why did the Tyumen and Tatar consumer cooperatives forget about books? V. Stepanov. Sov. knizh. torg. 12 no 3 37-38 Mr '60

TYURA-KURGAN DISTRICT—TUBERCULOSIS

Organization of tuberculosis care in the Tyura-Kurgan District of Namangan Province M. T. Pak. Med. zhur. Uzb. no. 6:16-17 Je '58.

TYURA-KURGAN DISTRICT—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

Work of the tuberculosis sanatorium of the "Stalingrad" Collective Farm of Tyura-Kurgan District, Namangan Province T. M Iskhakov. Med. zhur. Uzb. no. 6:18 Je '58.

UCHA RESERVOIR—CHIRONOMIDAE

Systematics and ecology of Pelopiinae (Diptera, Tendipedidae) in Ucha Reservoir. Report No. 2· Pelopia, Ablabesmyia, Clinotanypus [with summary in English]. T. A. Koreneva. Ent. oboz. 39 no. 1:134-143 '60.

UCHUR VALLEY—ALGAE, FOSSIL

Stromatolites from late Cambrian and Cambrian deposits on eastern slopes of the Aldan shield. S. V. Nuzhnov. Dokl. AN SSSR 132 no 6 1421-1424 Je '60.

UDMURT A. S. S. R.—MUSIC

At Chaikovskii's birthplace. Z. I. Sov. muz. 24 no. 3· 158-159 Mr '60.

UELEN—ANTIQUITIES

An ancient Eskimo mound in Uelen. M. G. Levin. Sov. etn no. 1:139-148 Ja-F '60

UFA—AIRPLANES—COLD WEATHER OPERATION

Winter does not affect us. A. Muzlaev. Kryl. rod. 11 no. 2:17 F '60

UKHTA REGION (KOMI A. S. S. R.)—PALEOBOTANY

Upper Devonian fossil plants from the Timan. M. A. Senkevich. Trudy VNIGNI no. 16:107-123 '60.

UKHTA RIVER—PETROLEUM—REFINING

Kostrin, K. [Fedor Priadunov and his petroleum plant; on the origin of the world's first petroleum refinement on the river Ukhta] Fedor Priadunov i ego neftianoi zavod; k voprosu o vozniknovenii v XVIII veke, vpervye v mire, pererabotki nefti na Ukhte. Syktyvkar, Komi knizhnoe izd-vo, 1950. 38 p.

UKRAINE—AGRICULTURAL EDUCATION

Training economic personnel for agriculture in the Ukrainian S. S. R. V. V. Pozanenko. Uchet i fin. v kolkhoz. i sovkhoz. 17 no. 6,52-54 Je '60.

UKRAINE—AGRICULTURAL LABORERS

Domestic relations of agricultural laborers in the period of capitalism. A. IA. Porits'kyi. Nar. tvorch ta etn. 3 no. 4,96-101 O-D '59.

UKRAINE—AGRICULTURAL RESEARCH

In the Presidium of the Ukrainian Academy of Agricultural Sciences. Visnyk sil'. hosp. nauky 3 no. 3·88-90 Mr '60.

UKRAINE—AGRICULTURE

Decisions of the Plenum of the Central Committee of the CPSU in December 1959 as a program of efficient action. L. Andriienko. Ekon. Rad. Ukr. no. 1 11-21 Ja-F '60.

Methods of developing and introducing regionally adapted scientific farming methods I. N. Romanenko, A. F. Chaikovs'kyi, I. I. Zhadan. Visnyk sil'. hosp. nauky 3 no. 3 3-11 Mr '60.

Spivak, M. S. [Contribution of the workers of the Ukraine to the advance in agriculture] Vklad truzhenikov Ukrainy v pod"em sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1960. 35 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 11)

Teplyts'kyi, V. P. [Reform of 1861 and agrarian relations in the Ukraine, from the 1860's to the 1890's] Reforma 1861 roku i agrarni vidnosyny na Ukraini, 60-90-ti roky st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 305 p.

Two harvests yearly. F. IUkhymchuk. Komm. Ukr. 35 no. 3 83-86 Mr '60

UKRAINE—AGRICULTURE—ECONOMIC ASPECTS

Agricultural economics. A. Chernov. Vop. ekon. no 6 135-138 Je '60

UKRAINE—AMATEUR ART ACTIVITIES

Beauty and artistic skill; a photosketch. Sots. kul't. 13 no. 3,24-26 Mr '60.

Flourishing folk art. H. Shabliı. Sots. kul't. 13 no. 3: 21-23 Mr '60.

Flowering talents of our people, selected notes. Sots kul't 13 no 2 22-24 F '60

Our talented amateur performers Kost' Prokhorenko Ukraina no 5·4-5 Mr '60

Victors in the finals of the contest of amateur art ensembles of the Ukrainian S. S. R. Sots. kul't. 13 no. 3:30-31 Mr '60.

Winners tell their story; an interview of "Sotsialistychna kul'tura." Sots. kul't. 13 no. 3,26-29 Mr '60.

UKRAINE—AMATEUR THEATRICALS

Theaters of popular creation Sots kul't 11 no 3 1-2 Mr '58

UKRAINE—APARTMENT HOUSES

Duplex apartments in houses of few stories. S. Raizman. Stroi. i arkhit. 8 no. 6;15-17 Je '60.

Economic aspects of planned buildings of few stories. G. Frumin. Ekon. stroi. no. 3·42-45 Mr '60.

Experimental house built of prefabricated room-units. N. Plekhov, V. Reznichenko, L. Abramov. Stroi i arkhit. 8 no. 2;3-4 F '60.

UKRAINE—ARCHITECTURE—DESIGNS AND PLANS

Supply better standard plans to the construction industry of the Republic. A. Abyzov, V. Lazarenko. Stroi. i arkhit. 8 no. 6;10-11 Je '60.

UKRAINE—ART INDUSTRIES

Skilled folk artists are ready for the ten-day festival. S. Muzychenko. Nar. tvorch. ta etn. 3 no. 4;159-160 O-D '59.

UKRAINE—ARTIFICIAL INSEMINATION

Artificial insemination of farm animals in the Ukraine and measures for its development. I. H. Zorin. Visnyk sil'. hosp. nauky 3 no. 3,43-50 Mr '60.

UKRAINE—ASTRONOMY

Creation within the Presidium of the Academy of Sciences of the Ukrainian S. S. R of an Astronomical Council for coordinating over-all research on the problem "Astrometry and astrophysics." Dop AN URSR no. 2:233-234 '60.

UKRAINE—ATHEISM

We should improve the propaganda of atheism. M. Pastukh. Nauka i zhyttia 10 no. 1;43-45 Ja '60.

UKRAINE—ATHEISM—STUDY AND TEACHING

Atheistic education of students of the institutions of higher education in the Ukraine. G. Vdovichenko. Nauch. dokl. vys. shkoly; filos. nauki 3 no. 1:213-215 '60.

UKRAINE—BEES

Distribution of bees in different habitats of the right-bank area of the Ukrainian steppe [with summary in English]. A. Z. Osychnuik. Zool. zhur. 39 no. 2·222-228 F '60.

UKRAINE—BIBLIOGRAPHY

[Book chronicle.] Litopys knyh 37 no. 5 My '60.

[New books of the Ukrainian S. S. R.] Novi knyhy URSR nos. 11-12 Je '60.

UKRAINE—BINDING MATERIALS

Binding materials for rural construction. L. IErshov. Sil'. bud. 10 no. 3·19-20 Mr '60.

UKRAINE—BOARDING SCHOOLS

Some problems in constructing boarding schools. N. Demin, I. Fomin. Stroi. i arkhit. 8 no. 6:18-19 Je '60.

UKRAINE—BUILDING MATERIALS

Let's provide rural construction sites with an adequate supply of building materials. Sil'. bud. 10 no. 3·3-4 Mr '60.

UKRAINE—BUILDING RESEARCH

In the Presidium of the Academy of Construction and Architecture of the Ukrainian S. S. S. R. Visnyk ABiA URSR no 1·52-53 '60

Organization of the Academy of Construction and Architecture of the Ukrainian S. S. R. [with parallel text in English] Visnyk ABiA URSR no 1·58-64 '60

Plenum of the Ukrainian Administration of the Scientific Technological Society of the Construction Industry. Stroi. i arkhit. 8 no. 6·28 Je '60.

Utilize the results of scientific and technical research in construction Stroi. i arkhit. 8 no. 6 1-2 Je '60.

UKRAINE—CANCER

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach delo no 1·105-106 '60

UKRAINE—CARDIOVASCULAR SYSTEM—DISEASES

Distrubution of cardiovascular diseases in the Ukrainian S. S. R. K. M. Sherstnev, I. S. Guseva Mat po obm. nauch. inform no 2:173-176 '58.

Organizational and methodological work of the Ukrainian Institute of Clinical Medicine in the control of rheumatic fever and cardiovascular diseases in the Ukraine. K. M. Sherstnev. Mat. po obm. nauch. inform no 2: 177-180 '58

UKRAINE—CATTLE—WATERING

Introducing pipeless water-supply systems. Sil'. bud. 10 no 6·10 Je '60.

UKRAINE—CERAMICS

Using ceramic materials in improving cities of the Ukraine. V. Sviderskii. Zhil.-kom. khoz. 10 no. 3:7-9 '60.

UKRAINE—CHEMISTRY, ORGANIC

Status and prospects for the expansion of the Institute of Organic Chemistry of the Ukrainian Academy of Sciences Dop. AN URSR no. 1:117 '60.

UKRAINE—CHILDREN—CARE AND HYGIENE

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach. delo no. 3,329-330 Mr '60

UKRAINE—CHILDREN—NUTRITION

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach. delo no. 1·105-106 '60

UKRAINE—CITY PLANNING

Current problems in reconstruction of villages [with summary in English, p. 66]. V. IA. Kravchenko Visnyk ABiA URSR no 1:3-8 '60.

Development and improvement of production relations in the period of large-scale building of communism. O. Nesterenko. Ekon. Rad. Ukr. no. 1·22-29 Ja-F '60.

Improving the construction of collective-farm houses and reorganizing the planning of villages. Sil'. bud. 7 no. 5,1-2 My '57.

Introduce improvements in socialist villages. V. Ostroshko. Stroi. i arkhit. 8 no. 2,16-17 F '60.

New principles of planning villages. G. Deleur. Stroi. i arkhit. 8 no. 2:18-20 F '60.

Objectives of Ukrainian city builders. P. Bakuma. Stroi. i arkhit. 8 no. 3;1-2 Mr '60.

Organizing the system of enterprises serving public needs in settlements of the Ukraine. N. Vlasenko. Zhil.-kom. khoz. 10 no. 3:9-12 '60.

UKRAINE—COLLECTIVE FARMS—F

Successful construction on collective
the growth of undivided funds. I. P
bud. 10 no. 3:43-44 Mr '60.

UKRAINE—COMMUNICABLE DISEAS

Some results of a study of natural-f
diseases in the western Ukrainian
the period of Soviet rule [with sum
A. I Zavadovskii and others. Zhur
immun 31 no. 2:61-65 F '60.

UKRAINE—COMMUNIST PARTY OF

The Communist Party of the Ukraine
the CPSU. A IAroshenko Sots. k
Mr '58.

UKRAINE—COMMUNIST PARTY OF CONGRESSES

The Ninth Congress of the Communis
of the Ukraine. V. Orlov. Komm.
Mr '60.

Twenty-first Congress of the Commu
Ukraine. Sil'. bud. 10 no. 3:1-2 M

UKRAINE -- COMMUNIST PARTY OF THE SOVIET UNION PARTY WORK

Concerted results ("For close contact with life." Reviewed by V. Hoshovyy) Agitator no.7:59-60 Ap '60

In the Ministry of Culture of the Ukrainian S.S.R. Sots. kul't. 15 no.4:44 My '60

We celebrate the anniversary of V.I. Lenin's birth, selected notes. Sots. kul't 14 no.3:8-9 Mr '60

UKRAINE -- COMMUNIST YOUTH LEAGUE

Kyrylova, S.K. [The Communist Youth League of the Ukraine is a faithful helper of the party] Komsomol Ukrainy -- virnyi pomichnyk partii. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 93 p.

UKRAINE -- CONDUCTORS (MUSIC)

Brief news. Mystetstvo 7 no.1:44 Ja-F '60

UKRAINE -- CONSTRUCTION INDUSTRY

In the State Construction Office of the Ukrainian S.S.R. Bud. mat. i konstr. 2 no.1:62-64 Ja-F '60

Militant program of builders. M. Burka. Stroi. i arkhit. 8 no.2:1-2 F '60

Objectives of Ukrainian city builders. P. Rakitin. Stroi. i arkhit. 8 no.3:1-2 Mr '60

Plenum of the Ukrainian Administration of the Scientific Technological Society of the Construction Industry. Stroi. i arkhit. 8 no.6:28 Je '60.

Ukrainian seminar for workers of interfarm building organizations. Sil'.bud. 10 no.6:19-20 Je '60.

UKRAINE -- CORN (MAIZE)

Meteorological conditions in the heritage of winter wheat and corn fields during periods of dry winds. I.I. Buchinskii. Trudy UkrNIGMI no.16:87-100 '59.

UKRAINE -- CORN (MAIZE) -- WATER REQUIREMENTS

Moisture resources available to corn in the Ukrainian S.S.R. A.M. Kokosh, N.I. Mikhailova. Trudy UkrNIGMI no.16:54-62 '59

UKRAINE -- COURTS

The court and judicial procedure in the Eastern Ukraine at the end of the 17th and beginning of the 18th century. V.A. Diadychenko. Visnyk AN URSR 30 no.8:2?-34 Ag '59.

UKRAINE -- CROPS AND CLIMATE

Climatological estimation of crop yields. S.A. Sapozhnikova. Trudy UkrNIGMI no.16:69-86 '59.

UKRAINE -- CULTURE

[New forms of cultural and educational work] Novi formy kul'turno-osvitn'oi roboty. Kyiv, Derzh. vyd-vo polit. lit-ry, URSR, 1960. 100 p.

UKRAINE -- DANCING -- FOLK AND NATIONAL DANCES

Some methods in the description of folk dances. A. I. Humeniuk. Nar. tvorch. ta etn. 4 no.4:120-11 O-D '59.

UKRAINE -- DESERT CANDLE

New habitat of Eremurus spectabilis M.B. in the Ukraine. M.I. Kotov, O.M. Dubovyk. Ukr. bot. zhur. 17 no.1:85-86 '60

UKRAINE -- DESIGN, DECORATIVE

[Ukrainian decorative design] Ukrains'kyi narodnyi dekoratyvnyi rozpys. [Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 4 p., 29 post cards]

UKRAINE -- DISCOMYCETES

[illegible] M.I. [illegible] Ukr. bot. zhur. 17 no.1:[illegible] '60

UKRAINE -- DOMESTIC RELATIONS

Domestic relations of agricultural laborers in the period of capitalism. A.IA. Loitsiats'kyi. Nar. tvorch. ta etn. 3 no.4:96-101 O-D '59.

UKRAINE -- ECONOMIC CONDITIONS

The Communist Party of the Ukraine in the campaign to convert the Ukrainian S.S.R. into a mighty industrial and collective farming power. O.O. Nesterenko. Visnyk AN URSR 29 no.8:14-21 Ag '58

Kukharenko, I.I. [Transition of the Ukraine from an agrarian land to a mighty industrial and collective farm republic] Peretvorennia Ukrainy z ahrarnoi v mohutniu industrial'nu kolhospnu respubliku. [Kyiv] Vyd-vo Kyivs'koho derzh. univ., 1959. 239 p.
(MIRA)

Toward new achievements. Ukraina no.5:1-2 Mr '60

UKRAINE -- ECONOMIC GEOGRAPHY

Conference on the study of natural resources in the left-bank area of the Ukraine. V.I. Vilenkin, G.P. Ivanitskii, S.I. Proskuriakov. Izv. AN SSSR. Ser. geog. no.1:159-162 My-Je '60.

UKRAINE -- ECONOMIC POLICY

State planning and regional planning. V. Daperskis. Stroi. i arkhit. 8 no.3:3-4 Mr '60

UKRAINE -- ECONOMIC RESEARCH

In the Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R. H. Hladun. Ekon. Rad. Ukr. no.1:112-113 Ja-F '60

UKRAINE -- EDUCATION, COOPERATIVE

Remuneration of students' work at industrial enterprises. N.N. Chebotarev. Rab. shk. 19 no.3:8-14 Mr '60

UKRAINE -- EDUCATION, HIGHER

On the selection of candidates for graduate study. Visnyk AN URSR 30 no.8:62-64 Ag '58

UKRAINE -- EDUCATIONAL RESEARCH

Academic correspondents of the Institutes of Pedagogy and Psychology of the [illegible] A. Dudar', [illegible] Sov. pedag. [illegible] no.6:[illegible]

UKRAINE -- ELECTRIC WELDING

Mishko, M.M. [Development of electric arc welding in the Ukraine] Rozvytok dobrotnoho elektrozvariuvannia na Ukraini. Kyiv, Vyd-vo AN URSR, 1960. 164 p.

UKRAINE -- ELECTRONICS

Radio Council of the Presidium of the Academy of Sciences of the Ukrainian S.S.R. [illegible] no.5:215 '60

UKRAINE -- ETHNOLOGICAL RESEARCH

Forty years of ethnographical studies in the Academy of Sciences of the Ukrainian S.S.R. [illegible] Nar. tvorch. ta etn. 3 no.4:14-21 O-D '59

UKRAINE -- EVENING AND CONTINUATION SCHOOLS

Hrushevs'kyi, H.I. [Cultural and educational work in brigades of communist labor] Kul'turno-osvitnia robota v bryhadakh komunistychnoi pratsi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. [illegible] p.

UKRAINE -- FACTORIES -- DESIGN AND CONSTRUCTION

Introducing industrial building with [illegible] construction. A. [illegible] Stroi. i arkhit. [illegible] '60

UKRAINE -- FALLOWING

Agroclimatic features of the Ukrainian forest-steppe and the effectiveness of fallows in the [illegible] I.I. Buchinskii and others. Trudy UkrNIGMI [illegible] 3-15 '58.

UKRAINE -- FARM BUILDINGS

Collective farm builders [illegible] My '59

Construction [illegible] V. Pakharchenko. [illegible]

Current problems in [illegible] V. [illegible] Visnyk AN URSR [illegible]

In the Ministry of Agriculture of the Ukrainian S.S.R. Sil'.bud. 10 no.1:2 [illegible]

Let's improve [illegible] villages. [illegible] '59

Preparing for the [illegible] [illegible]

Results of [illegible] collective farm [illegible] Sil'. bud. 8 no.2:[illegible]

[illegible] My '59

[illegible] year. [illegible] '59

Successful [illegible] collective farms [illegible] the growth of [illegible] Sil'. bud. 10 no.5:11-12 My '60

UKRAINE -- FEED MILLS

[illegible] V. Miroshnichenko [illegible] '60.

UKRAINE -- FIELD CROPS -- STATISTICS

Ukraine. Statistichne upravlinnia [Sown areas and yield of agricultural crops in the Ukraine; a statistical handbook] [illegible] Kyiv, Derzh. stat. vyd-vo, [illegible] 338 p.

UKRAINE -- FOOD INDUSTRY -- EQUIPMENT AND SUPPLIES

[illegible] A. [illegible] '60

UKRAINE -- FORAGE PLANTS

Illin, H.O. [Ways [illegible] vegetable feeds [illegible] Kyiv, 1959. 78 p. [illegible] 23 [illegible]

UKRAINE -- FROZEN GROUND

Agroclimatic characteristics of the freezing and thawing of soils in the Ukrainian S.S.R. V.M. Dudinskii, [illegible] Shelud'ko, G.I. Timoshenko. Trudy UkrNIGMI no.16:21-40 '59

UKRAINE -- FURNITURE WORKERS

In the [illegible] workers' [illegible] Kolaskatan. Ekon. Rad. Ukr. no.3:[illegible] '60

[illegible]

Open access to book collections N Frid'ieva, S Volkova Sots kul't 13 no 2·34-35 F '60

UKRAINE—LITERARY RESEARCH

In the T. H. Shevchenko Literary Research Institute of the Academy of Sciences of the Ukrainian S. S. R. Rad. lit. no. 2:148-151 Mr-Ap '60.

UKRAINE—LITERATURE, MEDIEVAL

From the history of foreign literature in Ukrainian translations. B. A. Derkach. Rad. lit. no. 2:91-98 Mr-Ap '60.

UKRAINE—LOADING AND UNLOADING

Increasing the mechanization level of loading and unloading work in transportation. M. IAshnik. Plan. khoz. 37 no. 6.67-69 Je '60.

UKRAINE—LOESS

Physical, chemical, and mineralogical properties of loess soils of the southeastern part of the Ukraine. I. N. Kruglov. [Trudy] NIIOSP no. 42:44-60 '60.

UKRAINE—LOESS—TESTING

Using stamps in compression testing of loess soils of the southeastern part of the Ukraine. I. N. Kruglov. [Trudy] NIIOSP no. 42.61-77 '60.

UKRAINE—MANUAL TRAINING

For the futher improvement of manual training. Rad. shk. 39 no. 3:3-9 Mr '60.

UKRAINE—MANUFACTURES

The guild system and the birth of capitalist production in the Ukraine in the 16th and first half of the 17th century. V. O. Holobuts'kyi. Visnyk AN URSR 29 no. 8:34-42 Ag '58.

UKRAINE—MATHEMATICS

Conference on the history of mathematics continues its work. B. V. Pinskovs'kyi. Dop. AN URSR no. 1:119-121 '60.

UKRAINE—MEDICAL CARE

Brief news. Vrach. delo no. 1·109-110 '60.

In the Ministry of Public Health of the U. S. S. R. Vrach. delo no. 2:217 F '60.

We are improving our medical service. S. Lavryk. Nauka i zhyttia 10 no. 1:31-33 Ja '60.

UKRAINE—MEDICAL SOCIETIES

In the medical societies. V. V. TSapko. Vrach. delo no. 2· 215-216 F '60.

In the Ministry of Public Health of the Ukrainian. S. S. R. Vrach. delo no. 2:217-218 F '60.

UKRAINE—MEDICINE

Brief news Vrach delo no 4 445-446 Ap '60.

First Ukrainian Conference of Medical Historians. Vrach. delo no. 2:211-214 F '60.

From the history of Ukrainian-Czech mutual relations in the sphere of medical science. R IA. Beniumov, I M Makarenko Vrach. delo no. 3:319-322 Mr '60.

UKRAINE—MINERALOGY

Confirmation of the staff of the Coordination Council on the problem "Features of the distribution of the main minerals within the Ukrainian S. S. R." Dop. AN URSR no. 2.234 '60.

Results of a comparison of the mineralogical composition of upper Cambrian deposits of the Kelets-Sandomir Ridge and of western Volhynia [with summary in English]. M. P. Kozhych-Zelenko. Dop. AN URSR no. 2: 209-213 '60

UKRAINE—MOLLUSKS, FOSSIL

Didkovs'kyi, V. IA. [Fossil Peneroplidae in the southwestern part of the Soviet Union] Vykopni peneroplidy pivdenno-zakhidnoi chastyny Radians'koho Soiuzu. Kyiv, Vyd-vo Akad. nauk URSR, 1950. 69 p., illus.

UKRAINE—MOTION-PICTURE PLAYS

Our people accuse them. O. Poltorats'kyi. Mystetstvo 7 no 1 35-36 Ja-F '60.

UKRAINE—MOTION PICTURES

The most important art ("Soviet Ukrainian cinema art." Reviewed by V. Rechmedin) Nauka i zhyttia 10 no. 2· 60-61 F '60.

UKRAINE—NATIONALITIES

Triumph of the Leninist nationalities policy in the Ukraine. I. Vorob'ev. Komm. Ukr. 35 no. 3:13-21 Mr '60.

UKRAINE—NATURAL RESOURCES

Conferences of Council for Studying the Production Forces of the Ukrainian S. S. R. Visnyk AN URSR 29 no. 8· 63-64 Ag '58.

UKRAINE—NUMISMATICS, ROMAN

"Roman money in the Ukraine" by M. IU. Braichevs'kyi. Reviewed by M. M. Bondar. Dop. AN URSR no. 2·256-259 '60.

UKRAINE—OIL FIELDS—PRODUCTION METHODS

Automatic control in Ukrainian oil fields. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 2·46 '60.

Present-day status of the Orthodox Church in the Ukraine D Burko Ukrains'kyi zbirnyk 16 82-94 '59.

The Russian Orthodox Church in the Ukraine. N. Teodorovych Ukrains'kyi Zbirnyk 16·47-81 '59.

UKRAINE—PALEOGEOGRAPHY—MAPS

Paleogeographic atlas of the Ukraine and Moldavia Vest AN SSSR 30 no 6 102 Je '60

UKRAINE—PARASITES

Role of supplementary and inferior fishes in the dissemination of parasites on carp raising fish farms [with summary in English]. V. M. Ivasik. Zool. zhur. 39 no 2 299-301 F '60.

UKRAINE—PAVEMENTS

Using local rock materials in constructing protective and thin-layer coverings. V V Malevanskii Avt dor 23 no 3 16-17 Mr '60.

UKRAINE—PEASANT UPRISINGS

New study of the history of the Ukrainian peasant movement ("The peasant movement of the 1860's in the Ukraine and the carrying out of the reform of 1861" by N. N. Leshchenko. Reviewed by IU. Belan, A. Butsyk) Komm Ukr 35 no 3·93-96 Mr '60

Valuable research on the peasant movement in the Ukraine during the abolition of serfdom. O A Parasun'ko Dop AN URSR no. 2 244-250 '60.

UKRAINE—PEAT BOGS

History of the study of peat bogs in the Ukrainian Poles'ye. H. Γ. Bachuryna. Ukr. bot. zhur. 17 no. 1·103-114 '60.

UKRAINE—PEAT MACHINERY

Deep milling machine for the preparation of the surface of peat fields E B Batrachev, M M Tanklevskii. Torf. prom 37 no 1 10-12 '60

UKRAINE—PHARMACEUTICAL SOCIETIES

Work of the Ukrainian Pharmaceutical Research Society I. A. Miniovich. Apt. delo 9 no. 1 79-80 Ja-F '60

UKRAINE—PHYSIOLOGY

Creative plans of physiologists. O. Makharchenko. Nauka i zhyttia 10 no. 1:33 Ja '60.

UKRAINE—PLASTICS

Ukrainian conference on the use of plastics in machine and instrument manufacture V S Kotylko, E T Lavrinenko Vest mash 40 no 4 84-85 Ap '60

UKRAINE—POLITICS AND GOVERNMENT

Ukraine. Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Ukrainian S. S. R., third session, March 13-15, 1957. Verbatim report] Zasidannia Verkhovnoi Rady Ukrains'koi RSR Chetvertoho sklykannia, tretia sesiia, 13-15 bereznia 1957 roku Stenografichnyi zvit. Kyiv, Derzh vyd-vo polit. lit-ry, URSR, 1957 301 p.

UKRAINE—POWER ENGINEERING

Direction of research and prospects for further work of the Institute of Heat Power Engineering of the Academy of Sciences of the Ukrainian S. S. R. Dop. AN URSR no 2·232-233 '60.

UKRAINE—PRECAST CONCRETE CONSTRUCTION

Bases of industrialized construction in the Ukraine V. Faminskii, V. Artemtsev Stroi. i arkhit. 8 no 3: 24-25 Mr '60

Introducing industrial building methods into industrial construction. A. Titov. Stroi. i arkhit. 8 no. 6·3 Je '60.

Large-panel building in the Ukraine. D. Aksenov. Stroi. i arkhit. 8 no. 2 5-7 F '60.

Large-panel houses are the main objective in the development of housing construction. Bud mat. i konstr 2 no 1:1-2 F '60

UKRAINE—PRINTING MACHINERY AND SUPPLIES

Ukrainian printing industry workers improve their equipment. V I. Flanchik Poligr. proizv. no 3:24-25 Mr '60

UKRAINE—PSEUDORABIES

Norway rat as a carrier and disseminator of the virus of Aujesky's disease [with summary in English]. M. G. Nikitin. Zool. zhur. 39 no. 2:282-287 F '60.

UKRAINE—PSYCHOLOGICAL RESEARCH

Academic correspondents of the Institutes of Pedagogy and Psychology of the U. S. S. R. A. Bondar', K Shvetsov. Sov. pedag. 24 no. 6:154-155 Je '60.

UKRAINE—PUBLIC HEALTH

Basic indexes for the development of the public health system in the Ukrainian S. S. R. during the seven-year plan from 1959 to 1965. V. I. Pol'chenko. Vrach delo no. 1:77-79 '60

Brief news. Vrach. delo no. 2:221-222 F '60.

Brief news. Vrach. delo no. 3:333-334 Mr '60.

In the medical societies. V. V. TSapko. Vrach. delo no. 2: 215-216 F '60.

Unceasing concern of the Communist Party and the Soviet government for the people's health. P L. Shupik Vrach delo no. 3:227-230 Mr '60.

Radio Council of the Presidium of the Academy of Sciences of the Ukrainian S S R Dop AN URSR no 2 233 '60

UKRAINE—RAIN MAKING

Problems in drought control in the southern Ukraine. Visnyk AN URSR 29 no 8 64 Ag '58.

UKRAINE—REGIONAL PLANNING

Principal objectives of regional planning in the Ukraine. V Novikov Stroi. i arkhit 8 no 3 4-6 Mr '60

State planning and regional planning. V. Uspenskii. Stroi i arkhit. 8 no. 3 3-4 Mr '60

UKRAINE—RELATIONS (GENERAL) WITH ARMENIA

Meeting on problems in the historic bonds on the Ukrainian and Armenian peoples. IA. D. Isaievych. Dop. AN URSR no. 1.123-124 '60.

UKRAINE—RELATIONS (GENERAL) WITH RUSSIA

Myshko, D. I. [Ukrainian-Russian relations from the 14th to the 16th century] Ukrains'ko-rosiis'ki zv'iazky v XIV-XVI st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 175 p.

UKRAINE—RELIGION

Kyzia, L. E. [Agelong struggle of the Ukrainian people against the Vatican] Vikova borot'ba ukrains'koho narodu proty Vatikanu. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 289 p.
(MH)

UKRAINE—RESEARCH

"Development of science in the Ukrainian S. S. R during 40 years." Reviewed by N. Polons'ka-Vasylenko Ukrains'kyi zbirnyk 16.95-132 '59

Principal results of research by institutions of the Division of Technical Sciences of the Ukrainian Academy of Sciences during 1957. Visnyk AN URSR 29 no. 8:62 Ag '58.

UKRAINE—RESEARCH, INDUSTRIAL

In the struggle for technological progress. K. Khrienov. Nauka i zhyttia 10 no. 1,8-11 Ja '60.

UKRAINE—RESTAURANTS, LUNCHROOMS, ETC.

Innovations are becoming a part of everyday life. V. Kushnarev, A. Zasukha. Obshchestv. pit. no 3 34-35 Mr '60.

UKRAINE—RHEUMATIC FEVER

In the Ministry of Public Health of the Ukrainian S. S. R. Vrach. delo no. 3.329-330 Mr '60.

UKRAINE—ROADS—MAINTENANCE AND REPAIR

Causes of the destruction of permeable pavements in spring. S. L. Golovanenko. Avt. dor. 23 no. 4:19-20 Ap '60.

UKRAINE—SLAVIC STUDIES

Ukrainian Committee of Slavicists of the Presidium of the Ukrainian Academy of Sciences. Dop. AN URSR no 1 118 '60.

UKRAINE—SOCCER

Referees open the games. Ol Hromov Ukraina no 6· 29-30 Mr '60

UKRAINE—SOCIAL GROUP WORK

From the editor's mail Sots. kul't 11 no 3 42-43 Mr '58

In the Ministry of Culture of the Ukrainian S. S. R. Sots. kul't. 13 no. 3:44 Mr '60.

Let's considerately select and train our personnel. R. Kuznetsov. Sots. kul't. 13 no. 3:18-19 Mr '60.

The party calls us to new achievements Sots kul't 11 no 3 5-6 Mr '58

A special form of training; selected notes. Sots. kul't. 13 no. 3:19 Mr '60.

The 21st Congress of the Communist Party of the Ukraine. Sots. kul't. 13 no 3:1-2 Mr

We should contribute to the so
Sots kul't 13

UKRAINE—SOCI

Subjects of our
N

Pay daily attention to the improvement of and building on central plots of state farms. Sil' bud. 10 no. 6:1-2 Je '60.

UKRAINE—STATISTICS, VITAL

Changes in the structure of the Soviet Ukrainian population in 1927 1958 V Kubiiovych Ukrains'kyi zbirnyk 16 9-26 '59.

UKRAINE—STONE AGE

Some results of a study of the Neolithic in the Ukraine. Visnyk AN URSR 29 no 8:43-53 Ag '58

UKRAINE—SUGAR BEETS

Method of forecasting the seeding time of sugar beets. N. I. Mikhailova, G. L. Timoshenko. Trudy UkrNIGMI no. 16 41-53 '59

Their future is bright. T. V Derkach Znan. ta pratsia no. 3:14 Mr '60.

UKRAINE—SUGAR INDUSTRY

Conference of heat technicians in the sugar factories of the Ukraine V. Z. Savochkin. Sakh. prom, 34 no. 3: 70-71 Mr '60.

UKRAINE—TEACHERS

The best preschool teachers. Doshk vykh. 21 no 3 4-5 Mr '60.

UKRAINE—TEXTBOOKS

History of Ukrainian school textbooks. A. S. Buhai, O. R. Mazurkevych. Rad. shk 39 no 3 93-94 Mr '60.

Textbooks for eight-year schools. O. D. Sokolova. Rad. shk. 39 no. 3 81-85 Mr '60.

UKRAINE—THEATER

Chekhov and the Ukrainian theater IU Kostiuk Mystetstvo 7 no 1 41-43 Ja-F '60

Let's present our time in a proper way Mystetstvo 7 no 1 13-16 Ja-F '60

Our theater. H IUra. Mystetstvo 7 no 1 28-30 Ja-F '60

UKRAINE—THERAPEUTIC SOCIETIES

In the medical societies. V. V. TSapko. Vrach. delo no. 2: 215-216 F '60.

UKRAINE—TRADE UNIONS

Moskalets, K. F. [Trade unions of the Ukraine struggle for the carrying out of the seven-year plan] Profspilky Ukrainy v borot'bi za zdiisnennia semyrichky. Kyiv, Derzh. vyd-vo polit. lit-ry, 1960. 86 p.

UKRAINE—TRANSPORTATION, AUTOMOTIVE

Organization of the interurban haul service in the Ukrainian S. S R V. TSybul'skii Avt transp 38 no 2 16 F '60

UKRAINE—TUBERCULOSIS

In the medical societies. V. V. TSapko. Vrach. delo no. 2: 215-216 F '60.

UKRAINE—WALL NEWSPAPERS

Satire and humor in newspapers Sots kul't 11 no 3 44 Mr '58

UKRAINE—WHEAT

Meteorological conditions in the herbage of winter wheat and corn fields during periods of dry winds. I E. Buchinskii. Trudy UkrNIGMI no. 16 87-100 '59

Physical properties of the grain of certain varieties of wheat from the southern Ukraine V F. Milovskaia, N. V. Romenskii, N G Umieva Izv vys ucheb zav, pishch tekh. no 1 8-12 '60.

Samoievskii, I. IA. [Wheat in the Ukraine and its quality] Pshenytsi Ukrains'koi RSR ta ikh iakosti. Kyiv, Derzh. vyd-vo sil'skohospodarskoi lit-ry URSR, 1959. 182 p.
(DA)

UKRAINE—WORMS, INTESTINAL AND PARASITIC

Ways of eliminating helminthiasis in the Ukraine E S Shul'man Vrach delo no 4 401-405 Ap '60

UKRAINE, WESTERN—SWINE

IAroslav Chizh and guests. G. Radov. Ogonek 38 no. 5: 2 of cover, 17-18 Ja '60.

UKRAINIAN ACTORS see Actors, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM

Present-day topics in Ukrainian dramatic works in 1959. IE. I. Starynkevich. Rad. lit. no. 2 36-60 Mr-Ap '60.

UKRAINIAN ENCYCLOPEDIAS AND DICTIONARIES see Encyclopedias and *dictionaries, Ukrainian*

UKRAINIAN FOLK MUSIC see Folk music, Ukrainian

UKRAINIAN FOLK POETRY see Folk poetry, Ukrainian

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN FOLKLORE see Folklore, Ukrainian

Akademiia nauk URSR, Kiev. [Russian-Ukrainian geological dictionary, 19 000 words] Russko-ukrainskii geologicheskii slovar'. 19 000 terminov. Sost. S. M Golovashchuk i I. L. Sokolovskii. Kyiv, Izd-vo Akad. nauk USSR, 1959. 280 p

Hrinchenko, B. D. [Dictionary of the Ukrainian language] Slovar' ukrainskaho iazyka, sobrannyi redaktsiei zhurnala "Kievskaia starina." Kiev, 1907-1909 [1958] 4 v. facsim.
(KU)

UKRAINIAN LANGUAGE—GRAMMAR

Moskalenko, N A. [Outline history of Ukrainian grammatical terminology] Narys istorii ukrains'koi gramatychnoi terminologii. Kyiv, Derzh. uchbovo-pedagogichne vyd-vo "Radians'ka shkola," 1959. 224 p

Zhovtobriukh, M. A., and B. M. Kulik. [Course in the present-day Ukrainian literary language, a manual for faculties of language and literature in teachers' colleges] *Kurs suchasnoi ukrains'koi literaturnoi movy;* pidruchnyk dlia fakul'tetiv movy i literatury pedagogichnykh instytutiv. Kyiv, "Radians'ka shkola," 1959. 1 v.
(CaOTU)

UKRAINIAN LANGUAGE—SYNTAX

Moskalenko, A. A. [Syntax of complex sentences in the Old Russian and Ukrainian languages, a manual for correspondence students] Syntaksys skladnoho rechennia davn'orus'koi ta ukrains'koi movy, posibnyk dlia studentiv-zaochnykiv Odesa, Odes'kyi derzh. pedagog. in-t, 1959. 31 p.
(MH)

Moskalenko, A. A. [Syntax of simple sentences in the Old Russian and Ukrainian languages, a manual for correspondence students] Syntaksys prostoho rechennia davn'orus'koi i ukrains'koi movy, posibnyk dlia studentiv-zaochnykiv. Odesa, Odes'kyi derzh. pedagog. in-t, 1959. 67 p.
(MH)

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN NEWSPAPERS

Search for new methods, give them a fair chance B. IAmpol'skii. A. Shushurin Sov pech no 3 14-17 Mr '60.

UKRAINIAN OPERA see Opera, Ukrainian

UKRAINIAN PERIODICALS

Beginning of extensive and important studies ("Ukrainian revolutionary and democratic periodicals" by O. I. Dei. Reviewed by O I. Bilets'kyi) Rad. lit. no 2:132-135 Mr-Ap '60.

Discussion of the periodical "Radians'ke literaturoznavstvo" in T. H. Shevchenko State University in Kiev Institute and in the Kherson Pedagogical. Rad. lit. no. 2 146-148 Mr-Ap '60.

UKRAINIAN POETRY—COLLECTIONS

[New poetry] Novi poezii. N'iu Iork, Vyd-vo N'iu-Iorkskoi grupy.
Vol. 1, 1959.
(NN)

[Poetry day] Den' poezii. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1959. 1 v.
(CU)

UKRAINIAN POETRY—TRANSLATIONS INTO RUSSIAN

[Anthology of Ukrainian poetry] Antologiia Ukrainskoi poezii. [Moskva, Gos. izd-vo khudozh. lit-ry, 1958] 2 v.
(MIU)

UKRAINIAN SATIRE see Satire, Ukrainian

UKRAINIANS

(see also subdivision under Czechoslovakia)

Doroshenko, Volodymyr. [Prosvita, its establishment and activities; a brief historical account with a supplement about *Prosvita in other countries*] Prosvita, ii zasnuvannia i pratsia; korotkyi istorychnyi narys z dodatkom pro Prosvity v inshykh krainakh. Fyladelfiia, Moloda Prosvita, 1959. 102 p.
(MH)

ULAN-UDE—HOUSING FOR PHYSICALLY HANDICAPPED

This is what the absence of control leads to. M. Bachanov and others. Sots. obesp. 21 no. 3:38-39 Mr '60.

ULTRASONIC TESTING

Akademiia nauk USSR, Kiev. Instytut metallofizyky. [Use of ultrasonic waves for the investigation of properties, quality control and the working of metals and alloys] Primenenie ul'trazvukovykh kolebanii dlia issledovaniia svoistv, kontrolia kachestva i obrabotki metallov i splavov. Kiev, 1960. 106 p.

Determining the defects in welds of small-diameter pipes. A. D. Liuchkov and others. Zav. lab. 26 *no* 4 454-457 '60.

Measuring the extent of the defects in goods with the amplitude of ultrasound. I. N. Ermolov. Zav. lab. 26 no. 4:446-451 '60.

[illegible] absorption of ultrasonic waves in certain liquids and mixtures. A A Berdyev and others. Trudy Inst fiz. i geofiz. AN Turk. SSR 5:137-145 '58

Selecting the optimum frequency of ultrasound for testing heavy welds. I N Ermolov. Zav. lab 26 no. 4:452-454 '60.

Ultrasonic testing of rods. M. E. Khurgin, F. A. Zhislin. Zav. lab. 26 no. 4:458 '60.

ULTRASONIC WAVES

Chemical effect of ultrasonic waves on macromolecules I. E. El'piner Usp khim. 29 no. 1.3-22 Ja '60.

Effect of ultrasonics on the structure of beryllium and zinc films prepared by evaporation in vacuum. B. E. Popov. Fiz. met. i metalloved. 9 no. 3:366-368 Mr '60.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Consultation. Kons. i ov. prom. 15 no. 3:42-44 Mr '60.

Effect of elastic mechanical vibrations on the process of removal of impurities from polyethylene. A. M. Ginstling, A. A. Baram. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1:170-171 '60.

Effect of sonic and ultrasonic oscillations on certain textile finishing processes V. F Androsov, A A Kharkharov Izv vys ucheb zav, tekh tekst. prom no. 1 *129-136 '60.*

Effect of ultrasonic oscillations on wood staining. G. P. Bystrov, V. M. Zhestiannikov, E. A. Al'fant. Der. prom. 9 no. 2 15-16 F '60.

Results of a conference dealing with problems in using ultrasound in studying properties, quality control and the processing of metals and alloys O. Moskaliuk, V. Shevelo. Visnyk AN URSR 29 no. 8:65-67 Ag '58.

Separation factor. N. Dolgopolov. Znan. sila 35 no. 3: 42-43 Mr '60.

Ultrasonic cleaning of spinnets. G. V. Gorlachko, N. I. Larionov, IU. V. Glazkovskii. Khim. volok. no. 1:51-52 '60.

Ultrasonic cutting of diamonds. P. E. D'iachenko, IU. N. Mizrokhi. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 167-168 My-Je '60.

Ultrasonic waves and dust. IU. Davydov. Nauka i zhizn' 27 no. 2.64 F '60.

Ultrasonic waves scrub ship bottoms. V. Aleksandrov. Znan. sila 35 no. 3:41 Mr '60.

Ultrasonic waves used for investigating, controlling, and intensifying physicochemical processes in the technology of fuel. I. F. Bogdanov, N. V. Lavrov, E. P. Mednikov. Trudy IGI 11 205-214 '59.

Use of ultrahigh-speed cinematography in the investigation of phenomena occuring in the acoustic field of fluids. L. O Makarov. Usp. nauch. fot 6 211 '59.

Using the ultrasonic method in testing the strength of concrete construction elements. H. Popovych, S Nohin, M. Al'shuler. Bud mat i konstr. 2 no. 1 47-52 F '60

Using ultrasonic wave techniques and rotating disks in cutting diamonds. P. E. D'iachenko, IU. N. Mizrokhi. Vest. mash. 40 no. 3:60-61 Mr '60.

Using ultrasonic waves in making offset printing plates. A. L Popova and others. Poligr. proizv. no. 3:14-16 Mr '60.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Influence of ultrasound on liquid aqueous extracts. L. S. Kazarnovskii, L. A. Shinianskii. Med. prom. 14 no. 3: 38-41 Mr '60

ULTRAVIOLET RAYS

Filter of uviol glass for the mercury-quartz lamp. IU. D. Zhilov. Gig i san. 25 no. 2:94 F '60.

Utilization of ultraviolet rays of different spectral combinations for reducing sequelae of radiation injury [with summary in English]. T. A. Sviderskaia, E. G. Zhuk, I. N. Filipson. Gig. i san. 25 no 2 27-34 F '60.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Bactericidal action *of ultraviolet radiation on various* objects. V. N. Nurmatov. Med. zhur. Uzb. no. 11:89-93 N '58.

Effect of ultraviolet irradiation from different sources on phosphorus-calcium metabolism in swine during the barn period. M. S. Boiko. Izv. TSKhA no. 6:228-232 '59.

Effect of ultraviolet irradiation on nerve fibers [with summary in English]. R. G. Liudkovskaia, L. P. Kalushin. *Biofizika 5 no. 1:40-45 '60.*

Erythema and skin temperature in hypertension. D. N. Nurmukhamedov. Med. zhur. Uzb. no. 7:15-21 Jl '58.

Experimental evaluation of the surface disinfection action of the bactericidal lamp BUV-LOP in relation to vegetative forms of microbes. N I. Val'vachev, N. N. Rudenko. Gig. i san. 25 no. 2:92-94 F '60.

Influence of ultraviolet irradiation on the course of paradentosis. S. L Kryshtab. Probl. stom. 4:279-282 '58.

Nervous system function in lupus patients during treatment K. S. Suleimanov. Med. zhur. Uzb. no. 6:45-50 *Je '58.*

Oxidation processes of biologically-active substances in a field of *ultraviolet waves* [with summary in English]. I. E. El'piner, A. V. Sokol'skaia. Biofizika 5 no. 1:21-27 '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoziaistva [Ultraviolet irradiation of farm animals and poultry, a manual] Ul'trafioletovoe obluchenie sel'skokhoziaistvennykh zhivotnykh i ptits, rukovodstvo. Moskva, Otdel tekhn informatsii VIESKha, 1959 34 p (DA)

UL'YANOVKA DISTRICT—COMMUNITY CENTERS

A rural club's plan of work for a quarter of a year O Oryshchenko Sots kul't 11 no 3 13-16 Mr '58

UL'YANOVSK—AERONAUTICS

Aeronautical amateurs of Ul'yanovsk. B. Antonov, IA Shvartsman. Kryl rod. 11 no 4 6-7 Ap '60

UL'YANOVSK—AUTOMOBILE INDUSTRY

New makes of automobiles. P. Balykov. NTO 2 no.4·16-17 Ap '60.

UL'YANOVSK—AUTOMOBILE INDUSTRY—SAFETY MEASURES

Good management. Okhr. truda i sots. strakh. 3 no. 2: 39-40 F '60.

UL'YANOVSK—DESCRIPTION

At V I. Lenin's birthplace I. Kurashev Prom. koop 14 no 4 2 Ap '60

Countrymen. R. Zernova. Ogonek 38 no. 16:18-21 Ap '60.

UL'YANOVSK—FOOD INDUSTRY—TECHNOLOGICAL INNOVATIONS

New equipment for the food industry. V. Terent'ev, N. Levchuk. NTO 2 no.4 19 Ap '60.

UL'YANOVSK—GAS AND OIL ENGINES

Increasing the efficiency of industrial equipment. V. Gorbunov. NTO 2 no. 4·18-19 Ap '60.

When they act individually. Okhr. truda i sots strakh. 3 no. 2 40 F '60.

UL'YANOVSK—NEWSPAPER AND PERIODICAL CIRCULATION

At Lenin's home place A Il'intskii, G Starodubtsev Raspr pech no 3 12-14 Mr '60

UL'YANOVSK—RESTAURANTS, LUNCHROOMS, ETC.

He heard Lenin. P Lipkin Obshchestv pit no 4 5-8 Ap '60

Ul'yanovsk culinary experts Obshchestv pit no 4 16-17 Ap '60.

UL'YANOVSK—TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Members of the scientific technological society are helping. N. Berkovich. NTO 2 no. 4:18 Ap '60.

UL'YANOVSK—YOUTH

They come to you, Il'ich V. Gordeeva. Smena 37 no 8:17-18 Ap '60

UL'YANOVSK PROVINCE—GEOLOGY, STRUCTURAL

Manifestation of recent tectonics in the relief of Pre-Pliocene deposits in the Ul'yanovsk area of the trans-Volga region A I Prinkhin. Vest Mosk un. Ser. biol., pochv., geol., geog 14 no. 4 135-142 '59.

UL'YANOVSK PROVINCE—INDUSTRIAL SAFETY

And what does the economic council think? Okhr. truda i sots. strakh. 3 no. 2·41 F '60.

UL'YANOVSK PROVINCE—SCHOOL EXCURSIONS

Excursion as a method of reviewing material covered in geography. A. N. Grekhnev. Geog. v shkole 23 no. 2: 61-63 Mr-Ap '60.

UL'YANOVSK PROVINCE—STATISTICS

From the work practice of the statistical administration in Ul'yanovsk Province. A Skuratov, A Karvetskii. Vest stat. no 6 66-68 '60.

UMAN'—NEWSREEL

Motion-picture theater of news films H Pavlusho Sots kul't 13 no 2 42-43 F '60.

UMANSKIY DISTRICT—TRACTORS

Manukovskii, N F. [Let us employ over-all mechanization on the basis of technical plans, practices of the tractor brigade on the Kirov Collective Farm, Umanskiy District, Voronezh Province] Primeniaem kompleksnuiu mekhanizatsiiu na osnove tekhnologicheskikh kart, opyt traktornoi brigady kolkhoza imeni Kirova Novo-Umanskogo raiona Voronezhskoi oblasti Moskva, Izd-vo "Znanie, 1960 40 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 5, Sel'skoe khoziaistvo, no 10)

UMANS'KYI, ALEKSANDR AZAROVICH, 1900-

The 60th birthday of a scientist Prykl mekh 6 no 1 116-117 '60

UNDECENOIC ACID

Preparations for the treatment of dermatomycosis with an undecylenic acid base. G. N. Pershin, S. N. Milovanova, A. L. Mikerina. Med. prom. 14 no 4 47-51 Ap '60.

Derivatives of 10-undecynoic acid E G Popova M IA Kraft Zhur ob khim 30 no 6 1787-1791 Je '60

UNDERDEVELOPED AREAS

Disarmament and underdeveloped areas. A Kodachenko Mezhdunar. zhizn' 7 no. 7 42-48 Jl '60.

International Development Association B. Zhebrak. Mir. ekon. i mezhdunar otn. no. 6 140-142 Je '60.

Kodachenko, A. S. [Competition of the two systems and underdeveloped countries] Sorevnovanie dvukh sistem i slaborazvitye strany. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 110 p

Soviet aid and its critics L Stepanov Mezhdunar. zhizn' 7 no. 6·30-40 Je '60

Students look into the problems of underdeveloped and colonial countries Andre Kirchberger Mol mira no. 10 19-20 '59.

Unsolved problems ("The Afro-Asian states and their problems" [in English] by K. M. Panikkar. Reviewed by V. Avarin). Mezhdunar. zhizn' 7 no. 7.137-140 Jl '60.

Urgent problem of our time. Pierre Cot. V zashch. mira no 2 21-24 F '60.

UNDERGROUND CONSTRUCTION

Institute of Foundation Engineering and Underground Construction V. G Bulychev. Iz. ASiA no. 2 168-169 '59.

UNDERGROUND RAILROADS see Subways

UNDERGROUND WATER see Water, Underground

UNDERWATER WELDING AND CUTTING

Properties of the arc in underwater welding T I Avilov Svar. proizv no 2 19-21 F '60

UNDULANT FEVER see Brucellosis

UNECHA DISTRICT—AGRICULTURE

"Contrasts of Bryansk Province " Part zhizn' no 12 78 Je '60

UNEMPLOYED see subdivision under United States

UNION CATALOGS see Catalogs, Union

UNION OF SOUTH AFRICA see South Africa, Union of

UNITED ARAB REPUBLIC—PETROLEUM GEOLOGY

Aid of Soviet scientists to petroleum workers in the United Arab Republic. P. Zabarinskii. Izv. vys. ucheb. zav., neft' i gaz 3 no 2·112 '60

UNITED ARAB REPUBLIC—RELATIONS (GENERAL) WITH RUSSIA

Plan of cooperation. S. Okasha. Kul't. i zhizn' 4 no. 2 53 '60.

UNITED NATIONS

Morozov, G. L [Organization of the United Nations; on the 15th anniversary of the United Nations Statute] Organizatsiia Ob"edinennykh Natsii, k 15-letiiu Ustava OON. Vstup. stat'ia A. V. Topchieva. Moskva, Izd-vo mezhdunar. otnoshenii, 1960. 188 p.

The third annual meeting of the Soviet International Law Association. B. M. Klimenko. Sov. gos. i pravo no. 6· 124-127 Je '60.

UNITED NATIONS—COMMISSIONS

Activities of the United Nations Economic Commission for Europe in the field of railroad transportation. Zhel. dor. transp. 42 no. 3·84-87 Mr '60.

UNITED STATES—AGRICULTURE—PRICES

Agricultural prices in the U. S. A. I. V. Fedorov. Nauch. trudy MGEI no. 17:291-304 '59.

UNITED STATES—AMMONIUM PHOSPHATES

Production of ammonium phosphate in by-product coking plants. E. B. Levin. Koks. i khim. no. 4 57-61 '60.

UNITED STATES—ARMY

Mataxis, T., and S. Goldberg. [Pentomic Division; tactics, armaments and firepower of the pentomic division, battle groups and companies operating under conditions of atomic warfare. Translated from the English] Pentomicheskaia diviziia; taktika, vooruzhenie i ognevaia moshch' pentomicheskoi divizii, boevoi gruppy i roty v usloviiakh primeneniia iadernogo oruzhiia. [Preface by N. P. TSygichko.] Pod red. N. P. TSygichko. Moskva, Izd-vo inost. lit-ry 1959. 345 p.

UNITED STATES—AUTOMOBILES

Why do Americans use automobiles less and less? Za rul. 18 no. 2:31 F '60.

UNITED STATES—AUTOMOBILES—ENGINES

New regulator made by General Motors. A. A. Mitrofanov. Avt. prom. no. 4:42-44 Ap '60.

UNITED STATES—AUTOMOBILES—EQUIPMENT AND SUPPLIES

Rubbers and other polymers used in the automobile industry (from "Chem Eng News " no 23, 1959) Kauch i rez 19 no 2 58 F '60

A bourgeois economist on the increasing role of financial corporations in the national economy of the U. S. A. ("Financial intermediaries in the American economy since 1900" [in English] by R. Goldsmith. Reviewed by A. Kirsanov). Kommunist 37 no 11·125-128 Jl '60

UNITED STATES—BRIDGES, CONCRETE

New design of connecting elements for steel reinforced concrete bridges. M. Zikeev Avt. dor. 23 no. 4·28 Ap '60.

UNITED STATES—BUDGET

The draft budget and the United States pre-election campaign. A. Kislov Mir ekon i mezhdunar otn. no 6 109-111 Je '60.

UNITED STATES—BUSINESS CYCLES

The economic cycle in the light of modern Keynesianism ("Economic cycles and national income" by E. Hansen. Reviewed by B. I. Znamenskii, I. A. Kurbatkin). Vest. LGU 15 no. 11·138-141 '60.

Under the blows of economic crises Agitator no 11 51-52 Je '60

UNITED STATES—CANNING AND PRESERVING

Development of the manufacture of dehydrated products in the U. S. A. (from "Canner and Packer," no. 9, 1959). G M. Movshovich Kons. i ov. prom 15 no. 4 43 Ap '60

Vegetable dehydration and food concentration industry in the U. S. A. (from "Food," no 337, 1959). S. A. Genin, Z A. Kats. Kons i ov. prom. 15 no. 4 44 Ap '60.

UNITED STATES—COAL—CARBONIZATION

Process of coking solid carbonaceous materials D. A. TSykarev. Koks i khim no. 3 58-59 '60

UNITED STATES—COAL PREPARATION

Practice of coal preparation on concentrating tables in the United States N. C. Galiguzov. Obog. i brik. ugl. no. 11 12-15 '59

UNITED STATES—COKE INDUSTRY—BY-PRODUCTS

Production of ammonium phosphate in by-product coking plants. E. B. Levin Koks. i khim. no. 4 57-61 '60.

UNITED STATES—COKE OVENS

To the readers Koks. i khim. no. 4·64 '60

UNITED STATES—COMMUNIST PARTY

Nikol'nikov, H. L. [How American workers live and struggle] IAk zhyve i boret'sia robitnychyi klas SShA. Kyiv, Derzh. vyd-vo polit. lit-ry, 1960. 71 p.

UNITED STATES—CRIME AND CRIMINALS

Crime is a product of the bourgeois system Agitator no 11 55 Je '60

Feature story from the other world, excerpt from a new book (to be continued) Fedir Makivchuk Ukraina no 5 27-29 Mr '60

UNITED STATES—CULTURE

Culture in the hands of "business " Agitator no 11 38-39 Je '60

UNITED STATES—CUTTING TOOLS

Specialization in the cutting-tool industry in the U. S. A., England, and West Germany. Z. G. Magaziner. Stan. i instr. 31 no. 3·33-35 Mr '60.

UNITED STATES—DEFENSES

The military aspects of coexistence. N. Talenskii. Mezhdunar. zhizn' 7 no 7:85-90 Jl '60.

UNITED STATES—DESCRIPTION AND TRAVEL

The Americans; a travel tale. N. N. Mikhailov, Z. V. Kosenko. Moskva 4 no. 1:31-131 '60.

Feature story from the other world (conclusion) Fedir Makivchuk Ukraina no 6 25-27 Mr '60

UNITED STATES—DISTILLING INDUSTRIES

Total output of U. S. distilling industries. Spirt. prom. 26 no. 2·36 '60.

UNITED STATES—ECONOMIC CONDITIONS

Abundance, but not for society ("The affluent society" [in English] by John Kenneth Galbraith Reviewed by S. Dalin) Mir ekon i mezhdunar otn no 6 149-156 Je '60

Economic competition between the two systems. A. Alekseev. Mezhdunar. zhizn' 7 no 7·77-81 Jl '60.

Feature story from the other world (conclusion) Fedir Makivchuk. Ukraina no 6 25-27 Mr '60

Full steam ahead! Agitator no 11 8-11 Je '60

A myth about "people's capitalism." R Mikhnov Nauka i zhyttia 10 no 2 8-10 F '60

Olesenko, IU. [America unadorned] Ameryka bez prykras. Kyiv, Derzh. vyd-vo polit. lit-ry, 1959. 59 p.

Transoceanic meetings K. Plotnikov. Vop. ekon no. 6· 155-160 Je '60

Trends in the economic development of the United States. P. Poliakov. Mir. ekon. i mezhdunar. otn. no. 6 68-77 Je '60.

"Economic regions of the United States" by L.IA.Ziman. Reviewed by M S Rozin. Izv.AN SSSR.Ser.geog. no 3 111-147 My-Je '60

UNITED STATES—EDUCATION

Decline of educational system in the United States M S Bernshtein Sov pedag 24 no 3 126-128 Mr '60

Education is not for everybody Agitator no 11 34-35 Je '60

UNITED STATES—EFFICIENCY, INDUSTRIAL

Determining the economic effectiveness of production rationalization. E, Aron. Biul.nauch.inform. trud i zar.plata 3 no 6 69-73 '60.

UNITED STATES—ELECTIONS

How the President of the United States is chosen. Mezhdunar. zhizn' 7 no.7·152-133 Jl '60.

UNITED STATES—ELECTRIC CIRCUIT BREAKERS

Gas-filled 115 kv., 1 million kv.-a power circuit breaker (service experience and staged field tests). R. P. Butenko Energokhoz.za rub. no 2 32-33 Mr-Ap '60.

UNITED STATES—ELECTRIC POWER

Electric power systems and unified high-voltage networks in the United States and Western Europe. N. M. Chuprakov Biul.tekh.-ekon inform. no.3:86-89 '60.

UNITED STATES—ELECTRIC POWER DISTRIBUTION

Economic comparisons of d c. and a.c transmission in the U S. A I. Gershengorn. Energokhoz.za rub. no.2 26-32 Mr-Ap '60

UNITED STATES—ELECTRIC POWER PLANTS

Adoption of open thermal electric power plants in the U.S. S V Gridnev. Energokhoz.za rub no.2 16-20 Mr-Ap '60

Automatic control of fuel feed by means of electronic apparatus. IA. E. Vol'fkovich. Energokhoz.za rub. no 2·42-43 Mr-Ap '60

UNITED STATES—FARM BUILDINGS

Farms in the United States. K. Radin Sil'.bud. 10 no.6 21-23 Je '60

UNITED STATES—FARMERS

Hard lot of the United States farmers Agitator no 11 30-31 Je '60

UNITED STATES—FEDERAL RESERVE BANKS

A book on the Federal Reserve System of the U.S.A.("The Federal Reserve System", aims and functions. Reviewed by R. Entov). Den. i kred. 18 no.6 86-90 Je '60.

UNITED STATES—FOOD, CONCENTRATED

Vegetable dehydration and food concentration industry in the U S.A. (from "Food," no.337,1959). S. A. Genin, Z. A. Kats. Kons.i ov prom. 15 no.4·44 Ap '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS

Pressing problems of American trade. L Bagramov Mezhdunar zhizn' 7 no 6 114-115 Je '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—CUBA

New pressure on Cuba. Nov.vrem. 18 no.27,22-23 Jl '60

UNITED STATES—FOREIGN ECONOMIC RELATIONS—RUSSIA

Great transworld railroad. A.Markin. Tekh.mol. 28 no.2 22 '60

UNITED STATES—FOREIGN RELATIONS

Exposing the myth of American diplomacy ("On the brink" [in English] by Jerome Davis, Hugh B. Hester. Reviewed by M. Kobrin). Mezhdunar. zhizn' 7 no.7:141-144 Jl '60.

Meany and Co. In the service of Allen Dulles. I. Mikhailov. Sov.profsoiuzy 16 no.12:55-56 Je '60.

Please, without hysterics. D. Zaslavskii. Nov.vrem. 18 no.24 18-19 Je '60.

The policy of strength before the judgment of the world. V. Korionov. Nov.vrem. 18 no.21·6-8 My '60.

Policy of treachery and aggression Agitator no 11 53-54 Je '60

Quotations. Mezhdunar.zhizn' 7 no.6·157 Je '60.

TSvietkov, H. N. [Who needs the "cold war" in the U. S. A.] Kommu v SShA potribna "kholodna viina." Kyiv, Derzh.vyd-vo polit.lit-ry URSR, 1960. 57 p.

UNITED STATES—FOREIGN RELATIONS—CANADA

Fighting for the happiness of his country ("Our fight for Canada, selected writings, 1923-1959" [in English] by Tim Buck Reviewed by Mark Frank) Mezhdunar zhizn' 7 no 6·143-146 Je '60.

UNITED STATES—FOREIGN RELATIONS—CUBA

Pirates in the air and on the water. G. Borovik. Ogonek 38 no.12·4-5 Mr '60.

What are the reasons for the sharp aggravation of relations between the U.S.A. and the Cuban Republic. B. Gvozdarev. Otv.na vop trud no.111:41-47 '60.

Documents on Allen Dulles' secret negotiations with the Nazis in 1943 Nov.vrem. 18 no 27 12-19 Jl '60.

UNITED STATES—FOREIGN RELATIONS—GERMANY, WEST

Kindred spirits. Nov.vrem. 18 no.26·19 Je '60.

UNITED STATES—FOREIGN RELATIONS—IRAN

Iranian stooges and the American aggressors. Kh.Grigor'ian. Mezhdunar. zhizn' 7 no.7 122-121 Jl '60.

UNITED STATES—FOREIGN RELATIONS—JAPAN

Deceit as a policy. Nov.vrem. 18 no.27:20-21 Jl '60.

An error beyond retrieve. V.Dal'nov. Nov.vrem. 18 no.27 5-8 Jl '60.

Japan, the sixteenth wave. Nov.vrem. 18 no.21:10 My '60.

Japan on the road toward disaster. G.Andreev. Mezhdunar. zhizn' 7 no.7·18-22 Jl '60.

"The new treaty creates a dangerous situation for Japan." Haruhiko Nishi. Mezhdunar zhizn' 7 no.6:126-134 Je '60

Unwelcome guests. Nov.vrem. 18 no.24:21 Je '60.

UNITED STATES—FOREIGN RELATIONS—KOREA, SOUTH

Events in South Korea. Vl. Li. Mezhdunar.zhizn' 7 no.6 97-102 Je '60.

The Seoul cauldron. G. Starko. Nov.vrem. 18 no.21: 18-19 My '60.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA

Intervention of the United States in Latin America. Mol. mira no.1 21 '60.

UNITED STATES—FOREIGN RELATIONS—LIBYA

Libya and its problems ("Libya and the Arabic world" [in Italian] by Giorgio Assan. Reviewed by V.Valentinov). Mezhdunar zhizn' 7 no 6 140-148 Je '60.

UNITED STATES—FOREIGN RELATIONS—NORWAY

What Norwegians think. Finn Gustavsen. Nov.vrem. 18 no.26 16-18 Je '60.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

Appeal to cultural workers of the United States M I TSarev V zashch mira no 6 7-8 Je '60

"Face to face with America." Kul't.i zhizn' 4 no.2:5 '60.

Heroic deed in the name of peace. V.Shipov. Grazhd.av. 17 no 3 4-5 Mr '60.

Historical visit of peace and friendship ("Let's live in peace and friendship." Reviewed by A Vasil'ev). Voen vest. 39 no.12·86-89 D '59.

New hope is born. Zhen.mira no.12 7 '59.

Pages of living history ("Face to face with America; story of N S Khrushchev's visit to the United States, September 15-27, 1959" by A. Adzhubei and others Reviewed by V. Nikitin). Vokrug sveta no 4 40-42 Ap '60

A ray of truth breaks through a curtain of lies. Phillip Bonosky. Inostr.lit. no.1·215-217 Ja '60.

Road builders ardently support the firm policy of the Soviet Government. Avt.dor. 23 no.6:1 Je '60.

Story of a great mission. K. Kukhalashvili. Sots.kul't. 13 no.3,10 Mr '60.

"To live in peace and friendship!" Sojourn of the Chairman of the Council of Ministers of the U.S S.R , N S Khrushchev, in the United States, September 15-27, 1959 Reviewed by V P. Kochetov. Prep ist.v shkole 15 no 1 88-90 Ja-F '60

Unstable status quo. N. IA. Galai. Mat.i soob. Issl.otd. Inst po izuch.SSSR no.10 1-16 D '59.

We are fed up with fear. Mitchell Wilson. Moskva 4 no.1:132-138 '60

What furthered the improvement in international relations. N. Kutarev. Otv.na vop.trud. no.109:10-15 '59.

UNITED STATES—GAS, NATURAL

Production and utilization of gas in the U.S.A. R.E. Leshchiner. Gaz.prom. 5 no.6:50-52 Je '60.

UNITED STATES—GAS BURNERS

Burner for coke ovens. G. M. Denisova. Koks i khim. no.3:59 '60.

UNITED STATES—GLUING

Electrodes speed gluing by means of induction heating ("Wood and Wood Products," 64,no.3, 1959). Der.prom. 9 no.3,20 Mr '60.

UNITED STATES—HANDICAPPED

Tragic fate. Nov.vrem. 18 no.26:20-21 Je '60.

UNITED STATES—INCOME

On the official calculation of the U S A. national income V Kudrev. Vest.stat no.6 33-51 '60.

UNITED STATES—INSURANCE, SOCIAL

Social security in the U.S. criticism of the theory of the "general welfare state" [with summary in English]. T.P. Podorova. Vest.LGU 15 no.11·24-37 '60.

Zatons'kyi, D., and Z. Libman. [Poisoned weapons; reactionary literature and art in the struggle against reason, humanity, and progress] Otruiena zbroia, reaktsiini literatura ta mystetstvo u borot'by proty rozumu, liudianosti, progresu. Kyiv, Derzhlitvydav, 1959. 408 p.
(MH)

UNITED STATES—INTELLIGENCE SERVICE

The American espionage system. Mezhdunar. zhizn' 7 no.7:147-150 Jl '60.

"Sociology" of intelligence work and espionage. E. Peskov. Kommunist 37 no.11·104-111 Jl '60.

The touring spy master. Nov.vrem. 18 no.26:19-20 Je '60.

UNITED STATES—JUVENILE DELINQUENCY

Juvenile delinquency in the United States E. Musa Nar. obr no 6 96-100 Je '60

UNITED STATES—LABOR AND LABORING CLASSES

Nikol'nikov, H. L. [How American workers live and struggle] IAk zhyve i borot'sia robitnychyi klas SShA. Kyiv, Derzh.vyd-vo polit.lit-ry, 1960. 71 p.

Why are they on strike? A. Bakumenko. Sov.profsoiuzy 16 no.12:57-59 Je '60.

Working class of the United States. Agitator no.11,26-27 Je '60

UNITED STATES—LABOR PRODUCTIVITY

About the factual and imaginary reasons for the high labor productivity in the U.S.A. ("Productivity in the manufacturing industry of Great Britain and the U.S.A." by M. Frenkel'. Reviewed by IU. Ol'sevich). Sots.trud 5 no.3,151-157 Mr '60.

UNITED STATES—LAW AND LITERATURE

You should read this book ("So help me God"; a novel by Felix Jackson. Translated from the English. Reviewed by B. Gromakov) Sov.iust. no.2:59-60 F '60.

UNITED STATES—LOBBYING

"Military business" of the United States as the organizer of provocations IU. Sheinin V zashch mira no 6 9-15 Je '60

UNITED STATES—MEAT INDUSTRY

Production of meat in the United States. V. Nazarenko. Ekon sel'khoz. 31 no 3:116-119 Mr '60.

UNITED STATES—MEDICAL CARE, COST OF

Feature story from the other world, excerpt from a new book (to be continued). Fedir Makivchuk Ukraina no 5·27-29 Mr '60

Ruinous medicine. Agitator no 11·46-47 Je '60.

UNITED STATES—METALWORK

Trends for the development of metalworking methods in the U.S.A. during the next ten years. S. A. Abaza. Biul.tekh.-ekon.inform. no.3;89-96 '60.

UNITED STATES—MOTION-PICTURE PLAYS

An actor's solo. A.Obraztsova. Isk.kino no.6:46-50 Je '60.

"The defiant one." Mol.mira no.7:16-17 '59.

The film "On the beach" as a sigh of the times. George Sadoul. V zashch.mira no.3:77-81 Mr '60.

It can't happen! V. Sitoova. Kul't.i zhizn' 4 no.3:55-57 '60.

UNITED STATES—MUNITIONS

"Military business" of the United States as the organizer of provocations. IU Sheinin V zashch mira no.6 9-15 Je '60

War concerns; continuation. Nov.vrem. 18 no.24:11-14 Je '60.

UNITED STATES—NEGROES

No true democracy where the negroes are oppressed William Patterson V zashch.mira no.6 22-25 Je '60

Racist utopia. Nov.vrem. 18 no.24·22 Je '60.

Unbridled racists. Agitator no.11;49-50 Je '60

UNITED STATES—NEGROES—CIVIL RIGHTS

Descendants of Uncle Tom struggle against race discrimination. Thomas G. Buchanan. V zashch.mira no.6·26-35 Je '60

Race relation in the south of the United States. Ann Braiden. Zhen.mira no.12·11-13 '59.

UNITED STATES—NITRATES

Production of nitrogen fertilizers in the United States. A. F. Ivanov, F M Shofman Biul.tekh.-ekon.inform. no.2;93-96 '60.

UNITED STATES—NUCLEAR REACTORS

Reactor with an organic moderator in Piqua (Ohio). G. V. Atom.energ. 8 no 6:565-567 Je '60.

UNITED STATES—OFFICES

Office colors in the U.S.A. L. Malakhova. Biul.nauch. inform.: trud i zar.plata 3 no.2:59-61 '60.

On using mathematical methods for production-economic calculations in the U.S.A. F. Borodkin, IU. Maksimov. Biul.nauch.inform trud i zar plata 3 no.1 69-75 '60.

UNITED STATES—PAPER

Manufacture of coated papers in the U.S.A. Bum.prom. 35 no.2 27-30 F '60.

UNITED STATES—PAPERBOARD

Production of kraft liner board. V.N.Maliutin. Bum. prom. 35 no.2 4-9 F '60.

UNITED STATES—PAPERMAKING MACHINERY

Production of kraft liner board. V.N.Maliutin. Bum. prom. 35 no.2 4-9 F '60.

UNITED STATES—PHONORECORDS

"New Soviet music on phonograph records." Sov.muz. 24 no.3 185-186 Mr '60.

UNITED STATES—POLITICS AND GOVERNMENT

Ovyshchenko, L.E. [Politics and dollars] Polityka i dolary. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 56 p.

Paltry results. Nov.vrem. 18 no.27:20 Jl '60.

A ray of truth breaks through a curtain of lies. Phillip Bonosky. Inostr.lit. no.1:215-217 Ja '60.

TSvietkov, H.N. [Who needs the "cold war" in the U.S.A.] Komu v SShA potribna "kholodna viina." Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 57 p.

What is the difference between the deputies of the Supreme Soviet of the U.S.S.R. and the members of the Congress of the U.S.A. Otv.na vop.trud. no.111:55-56 '60.

UNITED STATES—POLYMERS

Research in the field of heteroorganic and inorganic polymers in the U.S.A. K.A Andrianov. Plast. massy no.1:31-36 '60.

UNITED STATES—RAILROADS

United States railroads. N.A.Fufrianskii. Vest.TSNII MPS 19 no.2:59-62 '60.

UNITED STATES—RAILROADS—FREIGHT CARS

Fastening automobile trailers on flatcars (from "Modern railroads," no.8, 1959). Vest.TSNII MPS 19 no.2:64 '60.

UNITED STATES—RAILROADS—MANAGEMENT

Organization of railroad operations in the United States. S.A.Vargin. Zhel.dor.transp. 42 no.3:76-80 Mr '60.

UNITED STATES—RAILROADS—RAILS

Semiautomatic welding of long strings of continuous rails. Zhel.dor.transp. 42 no.3:90-91 Mr '60.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Good Soviet fellows. B.Strel'nikov. Ogonek 38 no.15:30-31 Ap '60.

Historic visit. B.Borisov. Sov.voin 41 no.22:8 N '59.

Meetings across the ocean. N.Voshchinin. Smena 37 no.4 22-23 F '60.

New time calculation Holland Roberts. Inostr.lit. no 2 206-210 F '60

Perspectives open up; a literary critic's notes. E.L.Romanova. Inostr.lit. no.1:203-207 Ja '60.

Program of mutual understanding. Kul't.i zhizn' 4 no 2:54-55 '60.

Returning the call. N.Galochkin. Kul't.i zhizn' 4 no.2:44-50 '60.

They talked about friendship. A.Sakharov. Mol.mira no.9:8 '59.

Transoceanic meetings. K.Plotnikov. Vop.ekon. no.6:155-160 Je '60.

We salute.... R.Morford. Kul't.i zhizn' 4 no.4:37-38 '60.

UNITED STATES—RUBBER MACHINERY

Rotomill, a continuous single rotor mixer. Kauch.i rez. 19 no.3:55-57 Mr '60.

UNITED STATES—RURAL ELECTRIFICATION

Rural electrification in Europe and in the U.S.A. G.Kulefeev. Tekh.v sel'khoz. 20 no.2:81-83 F '60.

UNITED STATES—SANDING MACHINES

Mold sander (from "Furniture and Woodworking," 5, no.7, 1959). Der.prom. 9 no.2:30 F '60.

Sanding machines with a wide band ("Wood and Wood Products," 64, no.9, 1959). Der.prom. 9 no.3:28 Mr '60.

UNITED STATES—SEGREGATION IN EDUCATION

March on Washington. Frank Williams. Mol.mira no.7:18-19 '59.

UNITED STATES—SHAMPOO

Use of silicones in shampoo (from "Soap, Perfumery and Cosmetics," no.22, 1959). Masl.-zhir.prom. 26 no.3:46 Mr '60.

UNITED STATES—SOCIAL CONDITIONS

In the land of "prosperity." A Gurkov Okhr truda i sots.strakh 3 no.4 77-78 Ap '60

The most progressive and just Agitator no 11 3-7 Je '60

UNITED STATES—SOCIAL SCIENCES

Arbitrary theses and "positive science" ("The state of social sciences" [in English]. Reviewed by N. Novikov). Nauch.dokl. vys.shkoly, filos.nauki 3 no.1:201-205 '60.

UNITED STATES—SOLAR BATTERIES

New way for using energy for industrial purposes V V Pavlov. Energokhoz za rub no 5 45-46 S-O '57

UNITED STATES—SPRAY PAINTING, ELECTROSTATIC

Application of lacquer coatings in an electrostatic field (from "Woodworking industry," May 1959). Der.prom. 9 no.3:27-28 Mr '60.

UNITED STATES—STEEL

Heat resistant steels in the U S A A Moiseev Energokhoz za rub no 5 33-37 S-O '57

UNITED STATES—TAXATION

The burden of taxation Agitator no 11 43 Je '60

An ordinary American is under a heavy tax burden. V Zorin Sov profsoiuzy 16 no.10 57-62 My '60

Zorin, V.I. [Americans, monopolies, and taxes] Amerikanets, monopolii, nalogi. Moskva, Gos.izd-vo polit.lit-ry, 1960. 46 p.

UNITED STATES—TIRES, RUBBER

Method of cleaning aluminum molds for the vulcanization of tires (from "Rubber Age," no.2, 1959). Kauch.i rez. 19 no.6:64 Je '60.

UNITED STATES—TRADE UNIONS

American trade-union bosses unmasked ("The crisis of American trade unions" by Sidney Lens. Reviewed by V.Mikheev). Sov.profsoiuzy 16 no.11 59-62 Je '60

Meany and Co. in the service of Allen Dulles. I. Mikhailov. Sov.profsoiuzy 16 no.12,55-56 Je '60.

Who are the leaders of American trade unions. V.Bodrova. Otv.na vop.trud. no.111:35-41 '60.

UNITED STATES—UNEMPLOYED

Olesenko, IU. [America unadorned] Ameryka bez prykras. Kyiv, Derzh. vyd-vo polit. lit-ry, 1959. 59 p.

UNITED STATES—UNIVERSITIES AND COLLEGES

Is the advertisement right? A.Krivopalov. Mol.mira no.1:12-14 '60.

UNITED STATES—WAR—ECONOMIC ASPECTS

A comparison of living standards. Nov.vrem. 18 no.26:31 Je '60.

UNITED STATES—WOMEN—EMPLOYMENT

Bitter fate of an American woman. Agitator no 11 42 Je '60

UNITED STATES—WOMEN—RIGHTS OF WOMEN

Our books ("We shall love one another tomorrow" by Andre Stil, "Century of struggle, the women's rights movement in the United States" [both in French] by Eleanor Flexner. Book review). Zhen.mira no.2:22 '60.

UNITED STATES INFORMATION AGENCY

Scapegoat. Nov.vrem. 18 no.27:23 Jl '60.

UNITHIOL

Use of unithiol in the volumetric determination of zinc. L.A.Vol'f. Zav.lab 26 no 3:271-272 '60

UNIVERSITIES AND COLLEGES see subdivision under Moscow; Tomsk; United States

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS see subdivision under Leningrad

UPPER SUYFUN BASIN—COAL MINES AND MINING

Keeping pace with life. E.Khalepa. Mast.ugl 9 no.2:16 F '60.

URACIL

Allacyl, a diuretic. R.A.Al'tshuler. Med.prom. 14 no.6:50-51 Je '60.

Synthesis of dopane. A.I.Adamovich, A.G.Vitenberg. Med.prom. 14 no.3:12-15 Mr '60

URACIL—PHYSIOLOGICAL EFFECT

Comparing the effect of 6-methylthiouracil with that of insulin, adrenaline, ACTH, and glucose on the level of eosinophils and phosphorus compounds in blood [with summary in English]. H.V Shyba. Ukr.biokhim zhur. 32 no.3:394-403 '60.

URAL DELTA REGION—FISHES

State of commercial fish stocks in the Volga-Caspian area in connection with the lowering sea level. N.P.Tanasiichuk. Trudy Okean.kom. 5:279-285 '59.

URAL MOUNTAIN REGION—BRACHIOPODA, FOSSIL

New species of Devonian brachiopods from the Volga-Ural area. A I. Liashenko. Trudy VNIGNI no.16:5-53 '60.

New species of middle Devonian and lower Frasnian lingulids from the Volga-Ural area. L S Batrukova. Trudy VNIGNI no 16.55-67 '60.

URAL MOUNTAIN REGION—CAVE DRAWINGS

The earliest artist on earth. Vokrug sveta no.3:64 Mr '60.

URAL MOUNTAIN REGION—COAL MINES AND MINING

Automation of conveyer transportation in open pits of Ural mines B V.Faddeev Mekh i avtom.proizv 14 no.3 23-26 Mr '60

URAL MOUNTAIN REGION—CREDIT

Financing expenditures for the expansion and improvement of fixed assets V.Ganshtak, I.Ioffe. Nauch dokl vys. shkoly, ekon.nauki no.1:64-72 '60.

URAL MOUNTAIN REGION—DISCOVERY AND EXPLORATION

Scientific work of the Orenburg Expedition, 1734-1737 M.G.Novlianskaia Trudy Inst ist.est i tekh 27 26-13 '59

URAL MOUNTAIN REGION—ECONOMIC CONDITIONS

Komar, I.V. [The Urals; economic and geographical characteristics] Ural, ekonomiko-geograficheskaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1959. 365 p.
(DS)

URAL MOUNTAIN REGION—ELECTRIC POWER

[Advanced methods in the operation of Ural power systems] Peredovye metody ekspluatatsii energosistem Urala. Moskva, Gos.energ.izd-vo, 1959. 103 p.

URAL MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

Reefs in the cis-Ural marginal trough are a workable source for the gasification of Orenburg. M.F.Svishchev. Gaz.prom. 5 no.2 1-3 F '60.

URAL MOUNTAIN REGION—INDUSTRIES

Financing expenditures for the expansion and improvement of fixed assets. V.Ganshtak, I. Ioffe. Nauch.dokl.vys. shkoly, ekon.nauki no 1:64-72 '60.

URAL MOUNTAIN REGION—MINERAL INDUSTRIES

Rapid development of mineral industries based on serf labor in the Ural Mountain Region in the second half of the 18th century. I.A.Bynkin. Trudy TMI no.13.124-140 '59.

URAL MOUNTAIN REGION—PETROLEUM GEOLOGY

All-Union conference of petroleum workers. Izv.vys. ucheb.zav., neft' i gaz 3 no.2:52 '60.

Method for petroleum prospecting as exemplified by exploratory work in the Volga-Ural oil-bearing province. N.K Griaznov. Trudy VNIGNI no.20:3-37 '59.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1921

[In battles and marches; reminiscences by participants in the civil war in the Ural Mountain Region] V boiakh i pokhodakh, vospominaniia uchastnikov grazhdanskoi voiny na Urale. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 595 p.
(CSt-H)

URAL MOUNTAIN REGION—SPRING

June weather in the Central Urals. A.G.Chikishev. Priroda no.6 126-127 Je '60.

URAL MOUNTAIN REGION—WATER, UNDERGROUND

Basic characteristics of the hydrogeology of the Volga-Ural artesian basin S.S.Bondarenko Izv.vys.ucheb. zav.,geol.i razv 2 no.11:85-97 N '59

URAL MOUNTAIN REGION—WINTER SPORTS

The little Olympic games of the Ural Mountains. L.Vinogorova. Smena 37 Mr '60.

[illegible] in position of [illegible] Permian [illegible] of the central Urals [illegible] [illegible]

MOUNTAINS - [illegible]
[illegible] of [illegible] from the northern Urals. [illegible], AN SSSR [illegible] no.1 [illegible] My-Je '60.

MOUNTAINS - [illegible]
[illegible] [Using the charged body method in [illegible] for [illegible] deposits in the Urals] [illegible] 1958. 130 p. (Akademiia nauk [illegible])

[MICROFILM]

MOUNTAINS - WATER, [illegible]
[illegible]

VALLEY - [illegible]
[illegible] of plant communities in the [illegible] AN [illegible]

VOLGA [illegible] REGION [illegible]

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[illegible] CANCER
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[illegible] Translated [illegible] Vest Inst.

UZBEKISTAN
[illegible] flourishing of [illegible] in English, [illegible] no.6:16-30

UZBEKISTAN - [illegible]
[illegible] Pharmacological [illegible] in Uzbekistan. [illegible] no.10:

UZBEKISTAN - [illegible]
[illegible] [First year [illegible] in Uzbekistan] [illegible] Uzbek- [illegible] 49 p. (Vse- [illegible] politicheskikh [illegible])

[illegible]
[illegible] field. G. A. [illegible] gidrometeor.

UZBEKISTAN - [illegible]
[illegible] in Uzbekistan. [illegible] Mr

[illegible] TEMPERATURE
[illegible] the surface of [illegible] Az-nauch.-issl.

[illegible]
[illegible] Izv AN

[illegible]
[illegible] vegetation of [illegible] biol. zhur.

[illegible]
[illegible] properties [illegible]

[illegible]
[illegible] no.3:43

[illegible]
[illegible] no.10:6-9

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[illegible] M. V. [illegible] 11:21-24

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[illegible] by dif- [illegible] Sred.-Az. [illegible] 164 '59.

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[illegible] massif. [illegible] '60.

[illegible]
[illegible] Uzbekistan. [illegible] Ag-S

[illegible] PLACES.
[illegible] patients at [illegible] A. A. Aza- [illegible]

[illegible]
[illegible] development [illegible] Mirsaidov- [illegible]

[illegible]
[illegible] influenza in [illegible] P. I. [illegible] Ag-S '59.

[illegible] LEGISLATION
[illegible] law of the [illegible] Kulnikov, [illegible] nauk [illegible]

UZBEKISTAN—LEPTOSPIROSIS

Leptospirosis in Uzbekistan T. A. Krepkogorskaia, IA.A. Blagodarnyi Med zhur, Uzb no. 7:44-45 Jl '58

UZBEKISTAN—LOCOMOTIVES

Efficient use of locomotives on the Tashkent Railroad. A. M. Kadyrov. Zhel-dor. transp. 42 no 4,63-67 Ap '60.

UZBEKISTAN—MACHINERY IN INDUSTRY

Problems of technological progress in the national economy of Uzbekistan in the light of decisions made by the 21st Congress of the CPSU. Z I. Tsunts, I. P. Kaliakin. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1 12-19 '60.

UZBEKISTAN—MEDICINE

Paths of development and further tasks of medical science in Uzbekistan, on the projected plan of development of medical science in Uzbekistan. E I. Atakhanov Vest. AMN SSSR 14 no. 6 74-78 '59.

UZBEKISTAN—MOSQUITOES

Activity and daily rhythm of attacks of Anopheles pulcherrimus Theob. in the rice areas of Uzbekistan. E. S. Kogan. Uzb. biol. zhur. no. 1:46-52 '60.

UZBEKISTAN—MUSIC—HISTORY AND CRITICISM

A big front instead of the historical truth ("The 'A. Navoi' Uzbek theater of opera and ballet", a short essay by A. Korsakova. Reviewed by A. Saidkhodzhaeva, F. Dzhuraev) Sov. muz 24 no. 3 197-199 Mr '60.

UZBEKISTAN—OIL WELL DRILLING

Petroleum is extracted by automation. L. Grishin Uzbekiston 18 no. 8,7 Ag '59.

UZBEKISTAN—ORE DEPOSITS

Role of the Zirabulak-Ziaetdin mountains in the metallogenetic history of western Uzbekistan Kh. N Baimukhamedov. Uzb. geol. zhur. no. 1:3-8 '60.

UZBEKISTAN—PARASITES—ARMY WORMS

Analysis of species parasitic on Laphygma exigua Hb. in Uzbekistan. V. M. Vasenkova. Dokl. AN Uz. SSR no 11, 65-67 '58.

UZBEKISTAN—PARASITOLOGY

Conference at the Uzbek Institute for Malaria and Medical Parasitology dedicated to the fortieth anniversary of the Great October Socialist Revolution. V. P. Dremova. Med. zhur. Uzb. no. 5:71-72 My '58.

UZBEKISTAN—PATHOLOGY

Successes of medical science in the field of infectious pathology in Uzbekistan. I. K. Musabaev. Med. zhur. Uzb. no. 6:61-65 Je '58

UZBEKISTAN—PAVEMENTS, BITUMINOUS

Petroleum-gravel pavements in Uzbekistan. A. V. Poletaev, E. G Abrutskaia. Avt dor. 23 no. 3:11-12 Mr '60

UZBEKISTAN—PHYSICAL THERAPY

Work of the Siciety of Physical Therapists and Health Resort Specialists in 1957. Med. zhur. Uzb. no. 10:87 O '58.

UZBEKISTAN—PUBLIC HEALTH

Appeal from the participants in the Fourth Congress of the Medical Workers of the Uzbek S. S. S. to all medical workers, professors, and teachers in medical colleges and schools, and to co-workers in the research institutes of Uzbekistan. Med. zhur. Uzb. no. 11:3-7 N '58.

Extended session of the Collegium of the Ministry of Public Health of the Uzbek S. S. R. V. I. Kotova. Med. zhur. Uzb. no. 5:72-73 My '58.

Session on problems of hygiene and sanitation in Uzbekistan. Med. zhur. Uzb. no. 10:96-97 O '58.

Status and prospects for the development of the public health system in Uzbekistan. R. S. Sagatova. Med. zhur. Uzb. no. 11:8-20 N '58.

Urgent problems of the public health system in Uzbekistan. Med. zhur. Uzb. no. 8/9:3-7 Ag-S '58

UZBEKISTAN—REINFORCED CONCRETE CONSTRUCTION

Use more reinforced concrete on construction sites in Uzbekistan. A. Guliaev, N. Nekliuev. NTO 2 no. 4:37 Ap '60.

UZBEKISTAN—RETAIL TRADE

Are you receiving adequate service? Uzbekiston 18 no. 8:27 Ag '59.

UZBEKISTAN—SERICULTURE—COSTS

Practice in calculating of cocoon costs on collective farms. V Grankina. Ekon. sel'khoz 31 no. 3,109-113 Mr '60.

UZBEKISTAN—SOCIAL SCIENCES—STUDY AND TEACHING

On results of the work of the institutes of the Department of Social Sciences of the Uzbek S. S. S. R. in 1959. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 1:3-11 '60.

UZBEKISTAN—TUBERCULOSIS

Incidence of tuberculosis in Uzbekistan and ways of reducing it. Sh. A. Alimov. Med. zhur. Uzb. no. 6:3-12 Je '58.

UZBEKISTAN—WAGES AND LABOR PRODUCTIVITY

Results of the new wage system for drivers N Artamonov Avt. transp. 38 no 3 34-35 Mr '60

UZBEKISTAN—WATER—FLUORIDATION

Fluorine in potable waters of Uzbekistan. Report no. 2. A. Z. Zakhidov, V. E. Nazyrova. Med. zhur. Uzb. no. 10: 65-68 O '58.

UZBEKISTAN—WATER, UNDERGROUND

Concerning B. A. Beder's article "Waters in Uzbekistan artesian basins" E. V. Posokhov. Uzb. geol zhur. no. 6: 69-70 '59.

Hydrogeology at the service of the Uzbekistan national economy. Kh. T. Tuliaganov. Uzb geol. zhur. no. 1: 46-54 '60

UZBEKISTAN—WOMEN

Uzbekistan was once the most backward colony of tsarist Russia, now a woman holds the post of president in the Uzbek Republic Maria-Tereza Gallo Zhen. mira no. 12 20-21 '59.

UZBEKS

"Turk" among the Uzbeks ethnological group [with summary in English] B Kh Karmysheva. Sov etn. no 1 3-22 Ja-F '60

UZDA DISTRICT—NEWSPAPER AND PERIODICAL CIRCULATION

Progressive district V Borisov Raspr pech. no 3 11 Mr '60

VACATIONS see subdivision under Dzhubga

VACATIONS, EMPLOYEE

(see also subdivision under Europe, Eastern)

Vacations for workers and employees. L. Gintsburg. Sots. trud 4 no. 12 11-43 D '59.

VACCINATION

Characteristics of aerosols made from the B_1 strain of the fowl cholera. V. P. Holubnychyi. Visnyk sil'. hosp nauky 3 no 3 83-87 Mr '60.

Role of vaccinations in the elimination and reduction of infectious diseases in the U. S. S. R. [with summary in English]. I. I Rogozin, A A. Sinitskii. Zhur. mikrobiol. epid. i immun 31 no 2 3-7 F '60

Study of revaccination in experimental and human tularemia [with summary in English] L S. Matveets. Zhur. mikrobiol epid i immun 31 no 2 14-22 F '60.

VACCINES

Experimental study of tissue vaccine for prevention of tick-borne encephalitis [with summary in English] A. K. Shubladze, E. N. Bychkova Zhur mikrobiol. epid i immun. 31 no 2 8-13 F '60

Process of ampuling adsorbed anatoxin with the aid of a magnetic mixer IU. A. Khavkin, M. V. Korobkova. Med. prom. 14 no. 3:41-42 Mr '60

Tissue culture vaccines against tick-borne encephalitis. O D. Zasukhina, E. N. Levkovich. Vest. AMN SSSR 15 no. 1 53-57 '60.

VACUUM

Highest vacuum attained by condensation pumps E. S Borovik, S F. Grishin, B. G. Lazarev. Prib i tekh. eksp. no 1 115-118 Ja-F '60

VACUUM APPARATUS

Effective use of vacuum techniques in making large-pane products. V A Narizhnyi, V. P. Artemtsev. Bet. i zhel-bet. no 2 85-87 F '60

VACUUM METALLURGY

Investigating the vacuum separation of the reaction product. A. V. Revlakin, V. S. Mirochnikov. Titan i ego splavy no. 2:92-99 '59.

Reaction equilibrium of lithium oxide reduction by the thermodynamics of silicon in presence of calcium oxide. T. F Fedorov, F. I Shamrai. Trudy Inst. met no 5: 162-165 '60.

VACUUM PUMPS

Vacuum filling. S. Chernosvitov. Izobr. i rats. no 4: 22-24 Ap '60.

VAGINA—CANCER

Premary cancer of the vagina. Sh. M. Beibutov. Azerb. med. zhur. no. 3,48-51 Mr '60.

VAGINA—DISEASES

Treatment of trichomonal colpitis with a saturated solution of sodium chloride. S. A. Adintsova. Med. zhur. Uzb. no. 10,38-39 O '58.

VAGINA—FOREIGN BODIES

Foreign body in the vagina. O. V. Osadchaia Zdrav Belor. 6 no 2 68 F '60.

VAGNER, NIKOLAI

"Astonishing meetings" and "Bridegroom Zoikin" by Nikolai Vagner Reviewed by I. Basalaev. Zvezda no. 3 216 Mr '60

VAGUS NERVE

Connections of the superior cervical sympathetic ganglion. M. G. Guliamov. Med zhur. Uzb no. 7:55-59 Jl '58.

Tetiaeva, M. B [Evolution of the function of the vagus nerve in the activity of the gastrointestinal tract] Evoliutsiia funktsii bluzhdaiushchego nerva v deiatel'nosti zheludochno-kishechnogo trakta Moskva, Izd-vo Akad nauk SSSR, 1960. 198 p

Treating peptic ulcer exacerbations with a vagosympathetic block. B. A. Stokol'nikov, Z. N. Baier. Med. zhur. Uzb. no. 10:31-37 O '58.

VAILLANT-COUTURIER, MARIE-CLAUDE

"The struggle for peace is my all-embracing goal, the meaning of my whole life," Marie-Claude Vaillant-Couturier told me. Marianna Milo. Zhen. mira no. 11: 19-21 '59.

VAKHORKIN, SERGEI SEMENOVICH

Operator Sergei Vakhorkin. Neftianik 5 no. 5:5 My '60.

VAKHSH VALLEY—HYDRAULIC ENGINEERING

Preliminary inundation of the region as a method of reducing the sagging of loess. A. K Blatt Izv. VNIIG 62:189-195 '59.

VALDAY REGION—METEOROLOGY

Thermal regime of Lake Valday and distribution of meteorological elements over its surface. A. R. Konstantinov, T. G Fedorova. Trudy GGI no. 76:112-151 '60

VALERIC ACID

Carbochain polymers and copolymers. Part 21: Synthesis of graft copolymers via reaction between polymethyl methacrylate and polypentamethylenethiodivalerate [with summary in English]. G. S. Kolesnikov, Tseng Han-ming. Vysokom. soed. 2 no. 6 947-951 Je '60.

VALUE

On correlation between the sum of prices and sum of value in the national economy of the U. S. S. R. A. Samsonov. Nauch. dokl. vys. shkoly; ekon nauki no. 1 26-31 '60.

VANADIUM—ANALYSIS

Sulfonazo, a new reagent for determining scandium and vanadium. Zav. lab 26 no. 3 380 '60

Vanadium and nickel in Chokrak oils of Dagestan. D. I. Zul'fugarly, N. S. Ukhmanova. Azerb. khim. zhur. no. 2:129-135 '59.

VANADIUM-LANTHANUM ALLOYS—METALLOGRAPHY

Constitutional diagram of the V - La system. E. M. Savitskii, V V Baron, IU V. Efimov Trudy Inst. met no 5 166-173 '60

VANADIUM OXIDE

Determining vanadium oxides in glass by oxidimetry. I. I. Kitaigorodskii, V. K. Frolov. Zav. lab. 26 no. 4 118-122 '60.

VANADIUM SALTS

Determination of bismuth by titrating with a solution of a divalent vanadium salt. I. A. Kotova, S. I. Gusev. Izv. vys. ucheb. zav.; khim. i khim. tekh. 3 no. 1,59-61 '60

VANCOUVER ISLAND—CABLES, SUBMARINE

Using a high-voltage submarine cable for supplying electric power to Vancouver Island (from "Consulting engineer," 12, no. 11, 1956) V I. Raskhodchikov Energokhoz. za rub. no 5 41-43 S-O '57

VANCOUVER ISLAND—ELECTRIC POWER DISTRIBUTION

Using a high-voltage submarine cable for supplying electric power to Vancouver Island (from "Consulting engineer," 12, no 11, 1956). V. I Raskhodchikov Energokhoz za rub no. 5, 41-43 S-O '57

VAPOR DENSITY

Effect of the temperature and phase relation on the density (concentration) of saturated liquid fuel vapors. I. P. Budarov. Khim. i tekh. topl. i masel 5 no. 3:49-54 Mr '60.

Vapor density of HNO_3 over mutual solutions of nitric and sulfuric acid. I. F. Cherepkov. Khim. prom. no. 8: 708-709 D '59.

VAPOR PLATING

Producing uranium layers by evaporation in a vacuum. U. K. Gus'kov, A. V. Zvonarev, V. P. Klychkova Prib i tekh. eksp. no 1 143-144 Ja-F '60.

VAPOR PRESSURE

Determination of saturated vapor pressure. M. A. Peshkin. Zav. lab 26 no. 3:316 '60.

VAPTSAROV, NIKOLA IONKOV, 1902-1942

In the crew's quarters, verse, Nikola Vaptsarov. Inostr. lit no. 1:172-173 Ja '60.

VARIABLE STARS see Stars, Variable

VASE-PAINTING, GREEK

A cup with a portrayal of Comus. A. Peredol'skaia. Soob. Gos. Erm. no. 10:45-48 '59.

VASES, GREEK

Another drinking vessel by "The painter of the Yale cup." A. Peredol'skaia. Soob. Gos. Erm. no. 15:41-44 '59.

Legend of [illegible] [illegible] sov. [illegible] no.[illegible] [illegible]

VASOMOTOR DRUGS

Combined action of [illegible] [illegible] [illegible] [illegible] [illegible]

VAUDEVILLE

(see also subdivision under [illegible])

A [illegible] for vaudeville [illegible]

VAVILOV, SERGEI IVANOVICH, 1891-1951

[illegible], [illegible] Sergei Ivanovich Vavilov. [Moskva] Izd-vo Mosk. univ., 1960. 101 p. ([illegible] Mosk. [illegible] no. [illegible])

VECTOR ANALYSIS

On the [illegible] [illegible] of [illegible] (with summary in English) [illegible]

VEGETABLE GARDENING

[illegible], [illegible] [Vegetable gardener's handbook] [illegible] [Moskva] [illegible], 1959. [illegible] p.
(DA)

[illegible], M.K. [Vegetable gardening] [illegible] Izd. [illegible] Moskva, [illegible] 1959. [illegible] p. [illegible]
(DA)

[illegible] [Vegetable gardening in the seven-year plan] [illegible] Moskva, [illegible] 1959. [illegible] p.
(DA)

Selecting types of vegetable suitable for cultivation on bottom lands. [illegible]

VEGETABLE TRADE. See subdivision under Moscow Province

VEGETABLES

[illegible] of [illegible] vegetables [illegible] production of [illegible] [illegible]

Vegetable [illegible] plant [illegible] [illegible]

VEGETABLES - CHEMICAL COMPOSITION

[illegible]

VEGETABLES - DRYING. See subdivision under White Russia

VEGETABLES - PRESERVATION

[illegible], A.V. [Canned vegetables and fruit at home] [illegible] [illegible], 1959. [illegible] p.
(DA)

VEGETABLES - PRESERVATION - [illegible]

[illegible]

VEGETABLES - STORAGE

(see also subdivision under [illegible])

[illegible]

VEL[illegible] SALMA [illegible] - ZOOPLANKTON

[illegible]

VELIKIY [illegible] - TECHNICAL EDUCATION

Training specialists [illegible]

VENA CAVA

[illegible] of the wall of the inferior vena cava [illegible]

VENA CAVA - LIGATION

[illegible]

VENDING MACHINES

(see also subdivision under [illegible])

Make wider use of new techniques in retail trade. [illegible]

VENDING STANDS

Stalls without salesmen. A. [illegible] [illegible] [illegible]

Automatic machine for [illegible] [illegible]

Clamping holders for [illegible] [illegible]

[illegible] cutting machines for [illegible] [illegible]

Scientific technical [illegible] [illegible] equipment [illegible]

VENEZUELA - INVESTMENTS, AMERICAN

[illegible]

VENEZUELA - POLITICS AND GOVERNMENT

[illegible]

[illegible]

VENEZUELA - YOUTH

Youth of Venezuela fight for a better life. [illegible]

VENOM

Facts for all occasions [illegible]

VENOM - THERAPEUTIC USE

[illegible]

VENTILATION

[illegible]

VENTILATION - STANDARDS

[illegible]

VENTSAEV, [illegible] See [illegible]

VERKHNE[illegible] [illegible]

[illegible]

VERKHOYANSK RANGE - GEOLOGY

[illegible]

VERKHOYANSK RANGE - GEOLOGY - [illegible]

[illegible]

VERMICULITE. See [illegible]

VERNALIZATION

[illegible]

VERNE, JULES [illegible]

[illegible] Jules Verne [illegible]

VE[illegible] - [illegible]

[illegible]

VESNIN, ALEKSANDR ALEKSANDROVICH [illegible]

In memory of A.A. Vesnin. [illegible]

VESTIBULAR APPARATUS

[illegible]

VETCH

[illegible]

VETERANS

(see also subdivision under [illegible])

Veterans [illegible]

Let's work toward this worthy objective. [illegible]

VETERANS - EMPLOYMENT

A soldier [illegible]

VETERINARY BACTERIOLOGY

L'vov, V.M. [Laboratory diagnosis of diseases [illegible] of farm animals] Laboratornaia diagnostika [illegible] Moskva, [illegible] 1960. [illegible] p.
(DA)

[illegible]

The festival is a great school of art. IUssef 11 An Mol.mira no.10 18 '59.

Review of young talents. Ingemar Andersson. Mol.mira no.9 23 '59.

VIENNA—AMUSEMENT PARKS

Festival in the Prater. Sigurd Gruhl. Mol.mira no.9 12-13 '59.

VIENNA—ARCHITECTURE, DOMESTIC

What's new in urban construction in Vienna E Ploiar Arkhit SSSR no 6 55-61 '60

VIENNA—DEFORMITIES

Is there a connection between wars and other difficult periods (for example, crises) and the frequency of developmental defects in the newly born? (statistics on developmental defects in Vienna from 1901 to 1955) G A Hackenseliner, V B Hackenseliner Gal zhiz i zdorov L no 5 12-17 '59

VIENNA—HOUSEBOATS

A floating hotel. S.Gruhl. Mol.mira no.9 16 '59.

VIENNA—PENTATHLON

Medals of friendship. S.Sippel. Mol.mira no.9 20 '59.

VIENNA—STUDENT UNIONS

In the students' club. Mol.mira no.9 17 '59.

VIENNA BASIN—SEISMIC PROSPECTING

Diffracted waves separated by the controlled directional sensitivity method in the Czechoslovak section of the Vienna Basin. A Hrdlicka Trudy MINKHiGP no.26 52-66 '60

Results of laboratory procedure in using the controlled directional sensitivity method of seismic prospecting in the Czechoslovak section of the Vienna Basin A Hrdlicka. Trudy MINKHiGP no.26.116-162 '60.

VIETNAM—HISTORY

Works on the history of Vietnam published in the Democratic Republic of Vietnam. Minh Chan. Vop.ist no.6 217-220 Je '60.

VIETNAM—TRADE UNIONS

Mkhitarian, S.A. [Labor and trade-union movement in Vietnam] Rabochee i profsoiuznoe dvizhenie vo V'etname. Pod red. S.N.Rostovskogo.[Moskva] Izd-vo VTsSPS Profizdat, 1960. 166 p.

VIETNAM, NORTH—ARMY

People's Army of Vietnam. Wang Tien-zung. Voen.vest 39 no 12:16-18 D '59.

VIETNAM, NORTH—AUTOMOBILE INDUSTRY

In the countries of our friends. Znan.ta pratsia no.3:31 Mr '60.

VIETNAM, NORTH—DESCRIPTION AND TRAVEL

Antokol'skii, P.G. [Vietnam's strength; a travel journal] Sila V'etnama; putevoi zhurnal. Moskva, Sovetskii pisatel', 1960. 147 p.
(MH)

VIETNAM, NORTH—ETHNOLOGY

In the Vietnamese Democratic Republic; ethnological notes. A.I.Mukhlinov. Sov etn no.1 126-138 Ja-F '60.

VIETNAM, NORTH—SCIENCE

Soviet scientists in the Democratic Republic of Vietnam I N Kiselev. Vest AN SSSR 30 no 6 116-118 Je '60

VIETNAM, NORTH—THEATER

Theater in Vietnam. Edgar P. Young. V zashch.mira no.3:82-88 Mr '60.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN

No trumps. Nov.vrem. 18 no.21:23 My '60.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

Law No. 10-50. V.Shlenov. Sovr.Vost. no.6:55-56 Je '60.

No trumps. Nov.vrem. 18 no.21:23 My '60.

VILENSKII, DMITRII GERMOGENOVICH, 1892-1960

Dmitrii Germogenovich Vilenskii; obituary. Vest.Mosk.un.Ser.6 Biol.,pochv 15 no.2 73-78 '60.

VILLA-LOBOS, HEITOR, 1887-1959

In memory of Villa-Lobos. G.Shneerson. Sov.muz. 24 no.3:184-185 Mr '60.

VINE CROPS

Notes on the description of representatives of the family Cucurbitaceae in the "Flora SSSR." B. T. Matienko. Bot.zhur. 45 no.3:455-457 Mr '60.

VINES see Climbing plants

VINNITSA—CLOTHING INDUSTRY—TECHNOLOGICAL INNOVATIONS

Solving important problems. A.Gridz'. NTO 2 no.4:27 Ap '60.

SUPPLIES

Economic conference at the Vinnitsa Oils and Fats Combine M F Derevianko N M Kaplan Masl.-zhir.prom 26 no 4 17-18 Ap '60

VINNITSA—SOAP

Device for measuring the pressure of liquid soap. S.M. Rovinskii Masl.-zhir.prom. 26 no.3:38 Mr '60

VINNITSA PROVINCE—ACCOUNTING—STUDY AND TEACHING

Seminar of collective farm accountants M Stasiuk Vest stat. no 3 60 '60

VINNITSA PROVINCE—AGRICULTURE

Kozyr, P.P. [Let's work with initiative] Diiaty tvorcho. Kyiv, Derzh.vyd-vo polit.lit-ry URSR, 1959. 176 p.

VINNITSA PROVINCE—COOPERATIVE SOCIETIES

In the red corners of Vinnitsa cooperationists. G.Gataullin. Sov potreb.koop. 4 no.3:66-67 Mr '60

VINNITSA PROVINCE—STOCK AND STOCKBREEDING

Conference on Increasing the Productivity of Stockbreeding in Vinnitsa Province I.IAkovenko Ekon Rad Ukr no 1:115-116 Ja-F '60.

VINOGRADOV, BORIS STEPANOVICH, 1891-1958

Boris Stepanovich Vinogradov, obituary. A.A.Gureev. Zool.zhur 39 no 2 313-317 F '60

VINOGRADOV DISTRICT (TRANSCARPATHIA)—DIATOMS

Analysis of diatoms in brown coal from Vinogradov District, Transcarpathia [with summary in English] O.P.Oksiiuk. Ukr.bot.zhur. 17 no 1 76-84 '60

VINOGRADOV DISTRICT (TRANSCARPATHIA)—STOCK AND STOCKBREEDING

We shall carry out our obligations ahead of schedule. I.Selleshi. Blok.agit.(Zakarp) no.19 23-26 O '59.

VINYL ALCOHOL

Refractometric determination of concentrations of polyvinyl alcohol solutions. L.A.Vol'f, A.I.Meos, Kh.IA. Kaufman. Khim.volok. no.1:22-23 '60.

VINYL COMPOUNDS

El'ster, P.E., and A.M.Chesnokov. [Technology of the manufacture of articles from vinyl plastic] Tekhnologiia izgotovleniia izdelii iz viniplasta Moskva, Gos.nauchno-tekhn izd-vo mashinostroit lit-ry, 1960 84 p

Machining sheet vinyl plastic. V.P.Pavlov, V.T.Tverikin. Khim.volok. no.1 67 '60.

New copolymers of vinyl chloride S A.Zlatina, A N Levin. Plast massy no 1 3-8 '60.

Vinyl compounds of tri- and pentavalent antimony A.N. Nesmeianov, A.E.Borisov, N.V.Novikova. Izv.AN SSSR Otd.khim nauk no 5 952 My '60.

VIOLIN MAKERS see subdivision under Poland

VIRUS DISEASES OF PLANTS

Distribution of the yellows virus in diseased sugar beet plants [with summary in English]. V.O.Hortushyn. Dop.AN URSR no.1:97-99 '60.

Effect of physiologically active substances on the reproduction of the tobacco mosaic virus [with summary in English]. A.V.Krylov, V.A.Smirnova, G.A.Tarakanova. Fiziol.rast. 7 no.3:309-314 '60.

Effective measures for controlling virus diseases of potatoes [with summaries in English, German, and French]. S M.Bukasov Vest sel'khoz nauki 5 no.2:19-23 F '60

VIRUS RESEARCH

Immediate tasks in the development of virology in the U.S.S.R P.N Kosiakov, V.M.Zhdanov Vest AMN SSSR 14 no 10 3-7 '59.

VIRUSES

Spontaneous infections of the tick Haemaphysalis japonica douglasi N. with the virus of tick-borne encephalitis in the Maritime Territory. N.P.Belikova, L.G Tatarinova Dokl AN SSSR 132 no 6 1462-1464 Je '60

Studying the interrelation between respiration and the accumulation of the tobacco mosaic virus in isolated leaves [with summary in English] G I Loidina Izv AN SSSR Ser biol no 2:272-278 Mr-Ap '60

VISCOSE

Apparatus for the continuous xanthogenation of alkali cellulose (British Pat.No.774004). Khim.volok. no.1:71 '60.

Change of viscose during ripening. Khim.volok. no.1:72 '60.

Efficient method of determining the ripeness of viscose. A.I.Riabinina. Khim.volok. no.1:49 '60.

Preparation of viscose containing sodium zincate admixtures. B.M.Lotarev, Z.V.Bork. Khim.volok. no.1:27-28 '60.

Production of hydrocellulose filaments (Austrian patent No 199785). Khim.volok. no 1:73 '60.

Replies to the readers. Khim.volok. no.1:69-70 '60.

Instrument for measuring the viscosity of slags. I Georgiev, M.Mandl, I Skala Zav lab. 26 no 3: 358-360 '60.

The UZV-58 ultrasonic viscosimeter. I S.Frium Priborostroenie no 3 26-27 Mr '60

VISCOSIMETRY

Rotating viscosimeter of high sensitivity V.A Trofeev, L.A Shkliar, N.V.Triabin Zav lab. 26 no 3 356-358 '60

VISCOSITY

Determination of the absolute viscosity and limiting shearing strain of highly concentrated tomato products I I Kukushkina Kons i ov.prom 15 no 7 31-35 Jl '60

Effect of sodium oleate on the viscosity of the critically deformed structure of clay suspensions L.A Abduragimova Azerb.khim.zhur. no.1 19-22 '59

Improvement of the apparatus for the determination of the viscosity of oil products. P.G.Morev. Elek.i tepl.tiaga 4 no.2 23 F '60.

Mechanism underlying the changes in the viscosity of solutions of polyethylphenylsiloxane resin during aging A F.Moiseev Plast massy no.2 24-26 '60

Standards for measuring the viscosity of metallurgical slags O.M.Katkov. Zav.lab 26 no 3 360-361 '60.

Viscosity of fruit juices A F Fang-Yung Izv vys ucheb zav ,pishch tekh no 1 138-143 '60

Viscosity of hydrocarbons at low temperatures P I Sanin and others Khim i tekh topl i masel 5 no 2 11-19 F '60

VISCOSITY—MEASUREMENT

Determining the viscosity of liquids containing dissolved air A D Reshetnikova. Trudy MAI no 117 82-102 '59

VISIBILITY

Investigation of meteorological visibility during rainfalls. F.A.Poliakova. Trudy GGO no.100 45-52 '60.

Investigation of meteorological visibility during snowfalls. E.A.Poliakova, V.D.Tret'iakov Trudy GGO no.100 53-57 '60.

Meteorological visibility range in the rainfall zone I.T. Bartishvili Trudy Tbil NIGMI no 5 115-123 '59.

Microstructure and transparency of snowfalls. I.L. Zel'manovich. Trudy GGO no.100 58-64 '60.

VISION

Some functional characteristics of the eye in codfish (Gadus morhua (L.)) and the marine sculpin (Myxocephalus scorpius (L.)) V R Protasov, K V Golubstov Trudy Inst morf zhiv no 13 129-138 '60.

Work regimen of eyes and the protection of the sight of topographers. V I.Shvets. Geod.i kart. no.3 53-54 Mr '60.

VISUAL AIDS

Manual for history teachers ("Using visual aids in history classes" by M.I.Dekhtiaruk. Reviewed by V P. Livadonov, M.R.Pliushch, V.I.Lytovchuk) Rad.shk 39 no.3 95-96 Mr '60.

Plan for the proposed publication of primary-grade visual aids in 1960-1965 I.S.Mikheev Nach shkola 28 no 2:88-89 F '60

VISUAL DISCRIMINATION

Optokinetic nystagmus as a method for the objective determination of visual acuity N I.Shibinskaia. Oft. zhur. 12 no.5 306-312 '57

VITAMIN THERAPY

Dynamic changes in the fibrinogen content of the blood in Botkin's disease as an index of the effectiveness of vitamin therapy. F.A Abdurakhmanov. Med.zhur Uzb no 5:23-24 My '58.

VITAMINS

Effect of processing methods on the vitamin content of cooked whole rice. V.S.Smirnov, Kim Su En. Sbor nauch.rab.INKH no.16:114-120 '59.

Lebedev, A.D., and M.V.Paiberdin. [Vitamins and their natural resources] Vitaminy i ikh prirodnye resursy. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1959. 104 p.

Vitamin drinks made with yeast and wheat siftings. M.Smihur, Z.Koreshkova. Doshk.vykh 21 no 3:42 Mr '60.

Ways of solving the vitamin problem in livestock raising. I.M.Zakharchenko. Visnyk sil'.hosp.nauky 3 no.3 51-56 Mr '60

VITAMINS—A

Restoration of the ovular function of the ovary by elimination of the iodine deficiency in the diet E.I Smirnova. Uch.zap 2-go MGMI 10:175-191 '58

VITAMINS—B

Influence of vitamins of the B group (B_1, B_2, PP, B_6, B_{12}) on the development of tumors in experimental animals [with summary in English]. N.IA.Dziubko. Vrach.delo no.2:151-153 F '60.

Significance of the complex of B vitamins in the treatment of paradentosis. V.A.Belitser and others. Probl.stom. 4:237-240 '58.

VITAMINS—B_1 see Thiamine

VITAMINS—D

Change in calcium metabolism during fluorine intoxication and the influence of some mineral salts and vitamin D [with summary in English] IU P Nikitin Gig i san 25 no 2 34-39 F '60

VITAMINS—E see Tocopherol

VITAMINS—M see Folic acid

VITAMINS—P

Choleretic action of vitamin P-active preparations. I.Kh. Pasechnik. Vrach.delo no.2·153-155 F '60.

Morphological picture of paradentosis in the treatment of vitamin C deficiency in guinea pigs with ascorbic acid and a vitamin P preparation from conifer needles. N.F. Danilevskii, N.S.Verkhratskii, M.I.Tarnavskaia. Probl. stom. 4 73-80 '58.

VITAMINS—PRICES

Cost and prices of vitamin preparations made from vegetable extracts. G.S. Verkhovskaia Nauch.trudy MGEI no.17:261-274 '59.

VITAMINS—THERAPEUTIC USE

Shilov, P I , and T N IAkovlev. [Handbook on vitamins; for physicians] Spravochnik po vitaminam, dlia vrachei. [Leningrad] Gos izd-vo med lit-ry, 1960. 229 p.
(DNLM)

VITAMINS—X see Vitamins—P

VITEBSK—MACHINE-TOOL INDUSTRY

New machine tools designed by the Vitebsk Machine-Tool Plant. L.B. Rogatnikov Mash.Bel. no 6:17-28 '59.

VITICULTURE

(see also subdivision under Transcarpathia)

Kartavchenko, P.K. [Grape and wine industry in the people's democracies] Vinogradno-vinodel'cheskaia promyshlennost' v stranakh narodnoi demokratii. Moskva, GOSINTI, 1958. 17 p. (Zarubezhnaia tekhnika)

The MK-1 and IT-1 semiautomatic machines for the sizing and grafting of grape vines. T.V. Aizenshtein. Biul. tekh.-ekon. inform. no.3:55-56 '60.

VITICULTURE—EQUIPMENT AND SUPPLIES

Test load for designing grape trellises. S.G. Ionnisian. Izv. AN Arm. SSR Ser. tekh. nauk 12 no.6:59-62 '59.

VLADIMIR—CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Power of a group O.Shtekker. Okhr truda i sots. strakh 3 no 4 32-34 Ap '60

VLADIMIR ECONOMIC REGION—ECONOMIC POLICY

Grishin, K.N., and P.S. Terekhov. [How to speed up the fulfillment of the seven-year plan, practices of the Vladimir Economic Administrative Region] Kak uskorit' vypolnenie semiletnego plana, iz opyta Vladimirskogo ekonomicheskogo administrativnogo raiona. Moskva, Gosplanizdat, 1959. 62 p.

VLADIMIR PROVINCE—COLLECTIVE FARMS—FINANCE

Business accounting and several production problems on collective farms. I. Suslov. Nauch.dokl vys.shkoly, ekon.nauki no.1:43-53 '60.

VLADIMIR PROVINCE—COURTS

We improve the examination of civil cases. M.Naumov, P.Sedugin. Sov.iust. no.3·43-45 Mr '60.

VLADIMIR PROVINCE—MATERNAL AND INFANT WELFARE

Is it only the grant that matters? A. Nazarov. Sots.obesp. 21 no.3:15-19 Mr '60.

VLADIMIR PROVINCE—MOSQUITOES

Materials on the ecology of bloodsucking mosquitoes in Vladimir Province [with summary in English]. V.M. Saf'ianova. Zool zhur. 39 no.2,236-243 F '60.

VLADIMIR PROVINCE—STATE FARMS

To the new frontiers. S. Kozlov. Okhr. truda i sots. strakh. 3 no.2 6-9 F '60

VLADIMIR PROVINCE—TEXTILE INDUSTRY

The development of the textile industry in the Vladimir Government during the prereform period. N.P. Krasavchenko Nauch.dokl.vys.shkoly; ist.nauki no.2: 50-68 '58.

VLADIMIR PROVINCE—TEXTILE INDUSTRY—PRODUCTION STANDARDS

New wage schedule in the textile industry. L.Sokolova. Sots.trud 4 no.1 99-106 D '59.

VLADIVOSTOK—APARTMENT HOUSES—MANAGEMENT

Eliminate excessive expenses in maintaining agency-owned houses. V.Kobyshcha. Zhil.-kom.khoz. 10 no.4:9-10 '60.

VLADIVOSTOK—HARBOR

Design of terminal for the harbor of Vladivostok Arkhit SSSR no 6 49-50 '60

(see also subdivision under Brest, Georgia, Germany, East, Germany, West, Klintsevo, Leningrad, Lugansk Province; Nebit-Dag; Tobol'sk, Vologda, Vologda Province)

Productive work of students of school communes and "children's towns" in agriculture and industry. G.P. Sosnovskaia Sov.pedag. 24 no.3 107-119 Mr '60.

Wages of apprentices and instructors in the job training. V Raguzov, I Denisov. Sots.trud 5 no.2·137-139 F '60.

Work training in grades 9-11 of general technical schools with vocational training. S.A.Kalmykov. Sov.pedag. 24 no.3 45-55 Mr '60

VOCATIONAL GUIDANCE

Let's help in the choice of a vocation. I.P.Filenkova. Prep.ist.v shkole 15 no.2.93 Mr-Ap '60.

VOCATIONAL REHABILITATION

Employment of physically handicapped. A. Kuznetsov. Sots.obesp. 21 no.3·63-64 Mr '60.

VOICE

Vocal reactions as a mode of adaptation in anthropoid apes. L.A Firsov. Vop antr no 2 19-29 '60

VOIKOV, PETR LAZAREVICH, 1888-1927

Soldier of the revolution M Shekhter Mast ugl 9 no 3 29 Mr '60

VOLATILITY

Volatilization of ingredients from polymers [with summary in English] L G Angert, A I Zenchenko, A S Kuz'minskii. Koll zhur 22 no 1 2-8 Ja-F '60

VOLCANIC ASH, TUFF, ETC.
(see also subdivision under Armenia, Nalchik region)

Two aspects of stone. Ash Arzumanian. Sov Soiuz no 4 38-39 '60

VOLCANOES see subdivision under Kamchatka

VOLCANOES—CONGRESSES

First All-Union Vulcanological Conference. N.I. Khitarov. Geokhimiia no.1·80 '60.

VOLGA-AKHTUBA FLOOD PLAIN—AGRICULTURE

Effect of the streamflow regulation of the Volga River on the lower reaches of the valley K M Zubrik. Trudy Okean kom 5·358-361 '59.

VOLGA DELTA—HYDROLOGY

Possible variation of discharge rates in different parts of the Volga Delta due to hydraulic construction projects. S S.Baidin. Trudy Okean.kom. 5:86-91 '59

VOLGA DELTA—REED (BOTANY)

Problem in using reeds of the Volga Delta as raw material for the cellulose and paper industry. S A Gubaidulin Trudy Okean.kom. 5 339 '59.

VOLGA DELTA REGION—FISH CULTURE

A scheme of pisciculturaI measures for the Volga-Caspian area in connection with the construction of hydroelectric power stations on the Volga River. A.N Baluev Trudy Okean.kom 5:222-228 '59

VOLGA DELTA REGION—FISHERIES

Fishery geography of the Volga Delta in connection with the lowering level of the Caspian Sea V.G Kriuchkov. Trudy Okean.kom. 5:257-263 '59

VOLGA DELTA REGION—FISHES

Shifting of spawning grounds in the lower reaches of the Volga Delta. A.F.Koblitskaia. Trudy Okean.kom. 5 236-242 '59

State of commercial fish stocks in the Volga-Caspian area in connection with the lowering sea level. N P. Tanasiichuk. Trudy Okean.kom. 5:279-285 '59.

VOLGA DELTA REGION—OCEAN CURRENTS

Currents in the area of the Caspian Sea adjoining the Volga Delta. N.A.Skriptunov Trudy Okean.kom 5:186-191 '59.

VOLGA DELTA REGION—PLANT COMMUNITIES

Vegetation and soils in the cutoff area of the western part of the Volga Delta N.N Bolyshev, E A Shtina. Vest. Mosk un.Ser biol, pochv, geol., geog. 14 no.4:63-70 '59.

VOLGA DELTA REGION—SOILS

Vegetation and soils in the cutoff area of the western part of the Volga Delta. N N Bolyshev, E.A.Shtina. Vest Mosk.un Ser.biol, pochv., geol., geog 14 no 4:63-70 '59.

VOLGA RIVER—HYDROLOGY

Annual discharge forecasts for the Volga River. D.A. Drogaitsev Trudy Okean.kom. 5·125-133 '59.

VOLGA RIVER—POWER UTILIZATION

Effect of the streamflow regulation of the Volga River on the lower reaches of the valley. K M.Zubrik. Trudy Okean kom. 5:358-361 '59.

VOLGA-URAL PETROLEUM REGION see Second Baku

Succession of plant communities in flooded areas between Volga and Ural Rivers O.M Demina. Izv AN Kazakh. SSR.Ser.bot.i pochv no.1:72-85 '59.

VOLGA VALLEY—BRACHIOPODA, FOSSIL

New species of middle Devonian and lower Frasnian lingulids from the Volga-Ural area. L.S. Batrukova. Trudy VNIGNI no.16 55-67 '60

New species of Devonian brachiopods from the Volga-Ural area. A I Liashenko Trudy VNIGNI no.16,5-53 '60.

VOLGA VALLEY—EROSION

Erosion cycles in the lower Volga River basin. G.V. Obedientova. Izv.AN SSSR.Ser geog. no.3·95-99 My-Je '60.

VOLGA VALLEY—HYDROLOGY

Basic long-range forecast of the summer low-water regime in rivers of the forest-steppe zone; based on the study of rivers in the Volga and Don basins. A.M. Norvatov, L.K.Remizova, N.P.Koroleva. Trudy GGI no.75:63-93 '60.

VOLGA VALLEY—MAMMALS

Study on the distribution of small mammals along the eastern shore of the lower Volga O K Trinkler. Uch zap GGPI 20 137-146 '58

VOLGA VALLEY—PETROLEUM GEOLOGY

All-Union conference of petroleum workers. Izv.vys. ucheb.zav., neft' i gaz 3 no.2·52 '60.

Method for petroleum prospecting as exemplified by exploratory work in the Volga-Ural oil-bearing province. N.K.Griaznov. Trudy VNIGNI no.20:3-37 '59.

VOLGA VALLEY—RIVERS

Types of longitudinal river profiles and recent tectonic movements exemplified in the central part of the trans-Volga region. Z.S.Chernysheva. Izv.AN SSSR.Ser. geog. no.3,84-90 My-Je '60.

VOLGA VALLEY—SAIGA

Some data on the reproduction of saiga A A Fandeev Biul MOIP.Otd biol 64 no 5 133 S-O '59

VOLGA VALLEY—WATER, UNDERGROUND

Basic characteristics of the hydrogeology of the Volga-Ural artesian basin. S.S. Bondarenko Izv.vys.ucheb zav.,geol i razv 2 no 11:85-97 N '59

VOLHYNIA—ARCHAEOLOGY

Akademiia nauk URSR, Kiev. Instytut suspil'nykh nauk. [Materials and studies on the archaeology of the Carpathian Mountain Region and Volhynia] Materialy i doslidzhennia z arkheologii Prykarpattia i Volyni. Kyiv
No. 2. 1959. 155 p.

VOLKHOV HYDROELECTRIC POWER STATION

The current flows from the Volkhov plant. Ogonek 38 no.9 11 F '60.

VOLKHOV VALLEY—PHYSICAL GEOGRAPHY

Effect of water level lowering in Lake Il'men' and Lake Ladoga on the development of the longitudinal profile of tributaries of Lake Il'men' and the Volkhov River. E.N.Bylinskii. Vest. Mosk.un.Ser.biol., pochv., geol. geog. 14 no.3:221-230 '59.

VOLLEYBALL

Where is our volleyball going? Vladimir Shchagin. Smena 37 no.12·27 Je '60.

VOLMA VALLEY—DRAINAGE

A "battle' on swamps. Mikola Hrytsan. Belarus' 17 no.2,14-15 F '60.

Draining effect of deep ditches and a systematic network of small field ditches. K IA.Kozhanov Trudy Belar. nav.-dasl inst mel.i vod.hasp 8 20-34 '58.

VOLOGDA—RESTAURANTS, LUNCHROOMS, ETC.

At the railroad station G Shcherbakov. Obshchestv.pit no.4 21 Ap '60

VOLOGDA—VOCATIONAL EDUCATION

They'll become textile workers. I.Filippova. Sem'ia i shkola 15 no.2 17 F '60.

VOLOGDA PROVINCE—COMMUNIST YOUTH LEAGUE

[Always in the Communist ranks; history of the Communist Youth League organization in Vologda Province] Vsegda s kommunistami riadom, iz istorii Vologodskoi oblastnoi komsomol'skoi organizatsii [Vologda] Vologodskoe knizhnoe izd-vo, 1959. 190 p.

VOLOGDA PROVINCE—ECONOMIC CONDITIONS

Geograficheskoe obshchestvo SSSR. [Vologda area] Vologodskii krai. [Vologda] Vologodskoe knizhnoe izd-vo, 1959. 215 p.
(DBC)

VOLOGDA PROVINCE—FOREST ECOLOGY

Principal results of experimental research on plant interrelationships in forests of the middle taiga zone. Report No. 1 [with summary in English] V.G. Karpov. Bot zhur 45 no 2 161-180 F '60.

Geograficheskoe obshchestvo SSSR. [Vologda area] Vologodskii krai. [Vologda] Vologodskoe knizhnoe izd-vo, 1959. 215 p.
(DBC)

VOLOGDA PROVINCE—MITES

Grain mites occurring in meadow formations [with summary in English] S V Sorokin. Zool zhur 39 no 3 356-364 '60.

VOLOGDA PROVINCE—VOCATIONAL EDUCATION

Welcome changes. V. Belov. Prof.-tekh.obr. 17 no.2·15 F '60.

VOLTAGE REGULATORS

Conditions for regulating voltage in electric lines. N. A. Mel'nikov. Izv.vys ucheb zav.,energ. 3 no.5,51-53 My '60

Effect of load reactivity on the accuracy of an a.c voltage stabilizer with a saturation choke. IU. N. Priadilov. Trudy MATI no.41 47-53 '59.

High-stability source of constant voltage for measuring circuits. R. F. Kozlov. Izm.tekh. no.3:18-19 Mr '60.

New voltage stabilizer for feeding television receivers. S. M. Shevchenko. Vest.elektroprom. 31 no.3:76-79 Mr '60.

Rectified voltage regulators [with summary in English]. O. G. Malkina. Avtom.i telem. 21 no.4:542-547 Ap '60.

Semiconductor source of standard (reference) voltage. IU. R. Nosov. Izm.tekh. no.3:17-18 Mr '60.

Stabilizer of the d.c. filament power supply of tubes A. F. Dravskikh. Prib i tekh.eksp. no 1 100-101 Ja-F '60

Stabilizing the voltage of the deflecting system of a cyclotron B S. Kozachina, N Z. Kubyshkin, A I Nastiukha Prib.i tekh.eksp no.1 110 Ja-F '60

Unit for shaping stepped voltage. M N TSaregorodtsev. Prib.i tekh.eksp no 1 59-62 Ja-F '60.

Use of thermistors for voltage and current stabilization. V. S. Popov. Avtom.i telem. 21 no.4 555-557 Ap '60.

Voltage dividers with a constant output resistance. K. A. Netrebenko. Izm.tekh. no 2;30-33 F '60.

VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778

The library of Voltaire in Leningrad N V Varbanets, T N Kopreeva V zashch.mira no 4 54-61 Ap '60

VOLTMETER

High-resistance voltmeter for measuring the difference of potential between line and ground A. A. Trifonov-IAkovlev, K K. Nikol'skii. Vest sviazi 20 no 3 10-11 Mr '60.

Investigating high-frequency thermistor voltmeter. A. M. Fedorov, B. E. Rabinovich. Izm.tekh. no.3;31-33 Mr '60.

Selecting measuring circuits for digital voltmeters. V. I. Kubyshkin. Priborostroenie no.4;6-8 Ap '60.

Transistorized device for registering voltage deflections [with summary in English] S V Kulikov Avtom i telem 21 no.3;409-416 Mr '60.

Volt-ampere meter for measuring pulsating voltages and currents. I P. Istomin. Avtom., telem.i sviaz' 4 no.4;35-36 Ap '60.

Voltmeter for recording corrosion. G. Shokin, P. Solodovnikov. Zhil.-kom.khoz. 10 no.4·28-29 '60.

VOLYN' PROVINCE—CONSTRUCTION INDUSTRY

Profitable work of provincial interfarm planning organizations. I. Herasymenko. Sil'.bud. 10 no.6·5 Je '60.

VOLZHSKIY—RESTAURANTS, LUNCHROOMS, ETC.

Present and future. A. Kostrov. Obshchestv pit no 4·46 Ap '60.

VORONEZH—APARTMENT HOUSES—MAINTENANCE AND REPAIR

How we plan and make major repairs in apartment houses. D. Krupitskii. Zhil.-kom.khoz. 10 no.4:19-20 '60.

VORONEZH—BRIDGES, CONCRETE

Constructing a precast reinforced concrete arch bridge. A. E. Levenberg, A. V. Saikov, M. V. Krasnitskii. Transp.stroi. 10 no.1;7-10 Ja '60.

VORONEZH—MUNICIPAL SERVICES

They have again reached the leading position. N. Bel'skii. Zhil.-kom.khoz. 10 no.4:4-6 '60.

VORONEZH—MUSIC

In a workers' palace of culture. A. Morov. Sov.muz. 24 no.3;154-157 Mr '60.

VORONEZH—RUBBER

Heating of natural rubber in a mechanized continuous steaming chamber at the Voronezh Tire Factory I G Shipilov. Kauch.i rez. 19 no 2 47-48 F '60.

VORONEZH PROVINCE—EXCAVATIONS (ARCHAEOLOGY)

Kel'sievskaya site as a new monument of "Kostenki Avdeyevo culture." V. D Budz'ko Vestsi AN BSSR. Ser hram.nav. no.1:81-92 '60.

TIVE

Pledge of highway transport workers of Voronezh Province S Gorokhov Avt transp. 38 no 2 43-44 F '60

VORONIKHIN, ANDREI NIKIFOROVICH, 1760-1814

Andrei Nikiforovich Voronikhin. A. I. Kaplun, I. A. Marienbakh Izv ASiA no 3·174-175 '59

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

Mushrooms in alder woods of the Vorskla Valley, Poltava Province. R. V Ganzha Bot.zhur 15 no 2 283-287 F '60

VOSTOK REGION, ANTARCTICA—GEOPHYSICAL RESEARCH

A year at the geomagnetic pole. O. P. Kolomiitsev. Mezhdunar.geofiz god no.8 65-66 '60.

VOVCHOK, MARKO, pseud. see Markovych, Mariia Oleksandrivna (Vilinskaia), 1834-1907

VOYAGES AND TRAVELS

History told by Jules Verne ("History of great voyages. Seafarers of the 18th century" by Jules Verne. Reviewed by V. Bykov). Vokrug sveta no.3 61 Mr '60.

Journal of Warrant Officer Nikifor Poluboiarinov's trip to India in 1763-1764 V. A. Divina Trudy Inst ist.est. i tekh 27 290-306 '59

Tereshchenko, V. F. [On a sailing vessel across three oceans] Na parusnyku cherez try okeany. Kyiv, 1960. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.9, no.5)

Travel notes of Veniamin from Tudela. Bernard Blumenkranz. V zashch mira no.2 84-91 F '60

VOYAGES AROUND THE WORLD

Kotzebue, Otto von. [New voyage around the world during 1823-1826. Translated from the German] Novoe puteshestvie vokrug sveta v 1823-1826 gg. Moskva, Gos. izd-vo geogr. lit-ry, 1959. 310 p.
(CU)

VUCHETICH, EVGENII VIKTOROVICH, 1908-

People's artist. A. Fedorov. Zvezda no.2:169-172 F '60.

VULCANIZATION

Characteristics of the vulcanization of SKMS-30 rubber compounds without filler. L. E. Vinitskii. Izv.vys. ucheb.zav.,khim.i khim.tekh. 3 no.1;182-185 '60.

Chemistry of the vulcanization of the fluoroelastomer viton A. J. F. Smith. Kauch i rez 19 no.6,58-63 Je '60.

Development of self-vulcanizing materials for the repair of pneumatic tires. F. F. Koshelev and others. Kauch. i rez. 19 no.6:27-29 Je '60.

Effect of some organic compounds on the process of vulcanization of nairit. N. D. Zakharov, L. V. Makarova, Kauch.i rez. 19 no.6,23-26 Je '60.

Improvement of the vulcanizer E A Avakimov. Mekh sil'.hosp. 11 no.3 23-24 Mr '60

Method of cleaning aluminum molds for the vulcanization of tires (from "Rubber Age," no.2, 1959). Kauch.i rez 19 no.6 64 Je '60.

New method for connecting rubber-coated belts N. IA. Bondar'. Transp stroi 10 no.3 52 Mr '60

VYATKA UVAL—GEOLOGY, STRATIGRAPHIC

Stratigraphy and lithology of middle and upper Carboniferous sediments in the Shikhovo-Chepetskiye wells 1 and 2. L. M. Elina, L. IA. Dmitrieva. Trudy VNIGNI no 20: 73-87 '59.

Stratigraphy and lithology of Permian sediments in the Shikhovo-Chepetskiye wells 1 and 2. V. A. Goroshkova. Trudy VNIGNI no.20,88-97 '59.

VYAZNIKI DISTRICT—AGRICULTURE

Wrong interpretation of patronage aid V Dement'ev. Part zhizn' no 13 61 Jl '60

VYRITSA—SCHOOL EXCURSIONS

"Geographical excursion to a river with fifth-grade students"; from the work practice of the Vyritsa secondary school, Leningrad Province by A. N. Matveeva. Reviewed by F. Okhapkin. Geog.v shkole 23 no.2·89-90 Mr-Ap '60.

WAGES

(see also subdivision under Bulgaria; China; Poland; Rumania)

Adhere to the existing schedule strictly. A. Dovba. Sots. trud 5 no.1:49-52 Ja '60.

Analysis of wage expenditures in production costs of industrial enterprises. V. Kopniaev. Den.i kred. 18 no.6;77-85 Je '60.

Answers to questions on wages. Avt transp. 38 no.3 36 Mr '60

Answers to readers' questions. Stek i ker 17 no 6 42-43 Je '60

Applying Euler's hydrodynamic equations for the investigation of trochoidal waves. IU. A. TSibarov. Trudy LIIZHT no.165:100-117 '59.

the new pay scales V. Novikov. Biul.nauch.inform. trud i zar.plata no.10 45-50 '59.

Change over in an organized manner to a reduced workday and a new system of wages at state enterprises of the geodetic service Geod i kart no 2·3-7 F '60

Correlation between increasing labor productivity and the growth of wages in the U.S.S.R. IA. Terekhov Ekon. Rad.Ukr. no.1 56-65 Ja-F '60

Established technical production standards in lumbering. V. Lushnikov Sots.trud 4 no.12 93-95 D '59.

Establishing work norms and wages in agriculture. O Meerovich, V Mel'nikov. Vop ekon no 6 144-149 Je '60

Establishing work norms and wages under conditions of modern technology. D. Meerzon. Vop.ekon. no.7· 39-47 Jl '60.

Financial planning during the transition of collective farms to monetary wages. A. I. Esin. Uchet i fin.v kolkhoz. i sovkhoz. 17 no.3·18-23 Mr '60.

Follow-up of our materials. Fin.SSSR 21 no.6,78-79 Je '60.

Follow-up of our readers' letters. Sots.trud 5 no.1 134 Ja '60

Hourly and bonus wage system at the Riga Superphosphate Plant A. Veinberg Sots.trud 5 no.1 120-122 Ja '60

Improving management and the organization of wages in the construction industry. V. Evropin, N. Bystrova Ekon.stroi no.3 8-19 Mr '60

In the State Committee on Questions of Labor and Wages of the Council of Ministers of the U.S.S.R. Sots trud 5 no.1 146-150 Ja '60.

In the State Committee on Questions of Labor and Wages of the Council of Ministers of the U.S.S.R. Sots.trud 5 no.2·110-111 F '60.

Letters to the editors. Sots.trud 5 no.1:132-134 Ja '60.

Letters to the editors. Sots.trud 5 no 2·126-129 F '60.

Letters to the editors. Sots.trud 5 no.3·126-129 Mr '60

New accounting and wage system for smelters. IU. Dubina, I. Medvedev, N. Tereiko Biul.nauch.inform.: trud i zar.plata 3 no 2:31-33 '60.

New form of wages on a state farm V. Kalenberga, V. Iliushin. Ekon sel'khoz 31 no 3 103-106 Mr '60

New wage scales in chemical plants. IU. Vinogradov, G. Tatarian. Biul.nauch.inform. trud i zar.plata no.10 14-20 '59.

New wage schedule in branches of the textile industry. A. Sever'ianova. Sots.trud 4 no.12 46-53 D '59.

New wage schedule in the lumber industry. P. Boroshnev, K. Ippolitov. Sots.trud 5 no.2;56-64 F '60.

New wage schedule in the textile industry. L. Sokolova. Sots.trud 4 no.1·99-106 D '59.

New wage system in the glass industry M M Zagorchik Stek i ker 17 no 6 5-9 Je '60.

New wages for the merchant marine. E. Korsakov. Sots. trud 5 no.3·40-47 Mr '60

Observe state directives concerning wage payments strictly. E. Smirnov, M. Rudnitskii. Sots.trud 5 no.2·65-69 F '60.

On regulating wages in cement plants. A. Arkhipov, A. Bakelov. Biul.nauch.infor. trud i zar.plata no.10 20-30 '59.

On the shift to a shortened workday. Sov.profsoiuzy 16 no.11;50-52 Je '60.

Payment for repair work on collective farms. N. Tyshchuk. Tekh.v sel'khoz. 20 no.2·85-86 F '60.

Prepare thoroughly to transfer to the new wage schedule in the food industry. G. Murin. Sots.trud 4 no.12 59-62 D '59.

Regulating wages at the Minsk Reinforced Concrete Plant. I. Akimova. Biul.nauch.inform.: trud i zar. plata no.10;40-44 '59.

Regulating wages in an economic region. V. Novikov. Sots. trud 5 no.2 102-106 F '60.

Regulating wages in the fishing industry. V. Kopytin, V. Rappai. Sots.trud 5 no.1 63-69 Ja '60.

Regulating wages of builders. S. Mitin. Stroitel' no.4: 26-29 Ap '60.

Regulating wages of workers in the building materials industry. M. Zagorchik. Sots.trud 5 no.2·48-55 F '60.

Regulation of wages in steel industry enterprises. S. Shkurko. Biul.nauch.inform.· trud i zar.plata no.10·6-14 '59.

Remuneration of students' work at industrial enterprises. N. H. Cheburkina. Rad.shk. 39 no.3·43-44 Mr '60.

Repair workers' wages in the people's democracies. K. Gorfan. Biul.nauch.inform.: trud i zar.plata 3 no 1·66-68 '60.

Replies to questions. E. Apollonova. Sots.trud 5 no.3· 136-140 Mr '60.

Replies to questions. Sots.trud 5 no.2:135-137 F '60.

Results of the transfer to a shorter working day and new wages. E. Kapustin. Biul.nauch.inform.· trud i zar. plata no.10;3-6 '59.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 2. [Earthwork] Zemlianye raboty.
No. 2. [Using hydraulic machinery in earthwork] Gidromekhanizirovannye zemlianye raboty. 1960. 135 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 3. [Masonry work] Kamennye raboty.
No. 2. [Stone bridges and pipes] Kamennye mosty i truby 1960. 12 p

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 4. [Plain and reinforced concrete construction] Zhelezobetonnye i betonnye raboty.
No 4. [Making semifinished products and details for plain and reinforced concrete construction elements] Izgotovlenie polufabrikatov i detalei dlia zhelezobetonnykh konstruktsii. 1960. 60 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam.
Sbornik 5. [Making and assembling steel construction elements] Montazh i izgotovlenie stal'nykh konstruktsii.
No. 4. [Assembling welded cylindrical tanks and gasholders] Montazh tsilindricheskikh svarnykh rezervuarov i gazgol'derov. 1960. 23 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit, arkhit i stroit. materialam.
Sbornik 5. [Making and assembling steel construction elements] Montazh i izgotovlenie stal'nykh konstruktsii
No. 5 [Making steel construction elements] Izgotovlenie stroitel'nykh stal'nykh konstruktsii. 1960. 54 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 6. [Carpentry and cabinetwork] Plotnichnye i stoliarnye raboty.
No. 1. [Wooden construction elements of buildings and structures] Derevlannye konstruktsii zdanii i sooruzhenii. 1960. 47 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 8. [Finishing work] Otdelochnye raboty.
No. 3. [Facing with natural stone] Oblitsovka estestvennym kamnem. 1960. 69 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 9. [Interior sanitary-engineering installations] Vnutrennie sanitarno-tekhnicheskie raboty.
No. 1. [Heating, water supply, sewer system, and gas supply] Otoplenie, vodoprovod, kanalizatsiia i gazosnabzhenie. 1960. 63 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 10. [Installing exterior networks of a water-supply, sewer, gas-supply, and electric-heating systems] Montazh vneshnikh setei vodoprovoda, kanalizatsii, gazosnabzheniia i teplofikatsii. 1960. 119 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 12. [Pile driving] Svainye raboty. 1960. 28 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for building and assembling operations and repair work in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos izd-vo lit-ry po stroit., arkhit i stroit. materialam.
Sbornik 13 [Shore protection and stabilization] Beregoukrepitel'nye i vypravitel'nye raboty. 1960 103 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam
Sbornik 14. [Well boring for water] Burenie skvazhin na vodu. 1960. 185 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 15. [Installing industrial furnaces and flues] Kladka promyshlennykh pechei i trub. 1960. 96 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 16. [Laying railroad tracks] Ukladka verkhnego stroeniia zheleznodoroznykh putei.
No. 1. [Broad-gauge track] Puti shirokoi kolei. 1960. 126 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 18. [Gardening and landscaping] Sadovo-parkovye raboty. 1960. 36 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 19. [Floors] Poly. 1960. 39 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 20. [Construction and repair work] Remontno-stroitel'nye raboty.
No. 2. [Road construction] Dorozhnye raboty. 1960. 71 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 22. [Welding] Svarochnye raboty. 1960. 79 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 23. [Electric-wiring operations] Elektromontazhnye raboty.
No. 1. [Electric lighting and strong-current wiring] Elektricheskoe osveshchenie i provodki sil'nogo toka. 1960. 45 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 23. [Electric-wiring operations] Elektromontazhnye raboty.
No. 4. [200 kv electric cable lines] Kabel'nye linii napriazheniem do 220 kv. 1960. 51 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 24. [Hoisting operations] Takelazhnye raboty. 1960. 47 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 25. [Assembling equipment for petroleum refineries] Montazh oborudovaniia neftepererabatyvaiushchikh zavodov. 1960. 37 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 26. [Assembling industrial pipes and pipe fittings] Montazh tekhnologicheskikh truboprovodov i armatury 1960. 61 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 27. [Acidproofing] Kislotoupornye raboty. 1960. 50 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 28. [Assembling the hoisting and conveying equipment] Montazh pod"emno-transportnogo oborudovaniia.
No. 2. [Non-continuous equipment] Oborudovanie preryvnogo deistviia. 1960. 186 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 29. [Assembling the crushing, milling, grading, and processing equipment] Montazh drobil'no-razmol'nogo oborudovaniia i oborudovaniia dlia sortirovki i obogashcheniia.
No. 1. [Crushing and milling equipment] Drobil'no-razmol'noe oborudovanie. 1960. 46 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 30. [Assembling boiler units] Montazh kotel'nykh ustanovok. 1960. 121 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 31. [Assembling compressors, pumps, and ventilators] Montazh kompressorov, nasosov i ventiliatorov. 1960. 90 p.

WAGES (Continued)

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 32. [Assembling the equipment for the chemical industry and gas purification] Montazh oborudovaniia khimicheskoi promyshlennosti i ochistki gazov.
No. 1. [Assembling the equipment for the chemical industry] Oborudovanie khimicheskoi promyshlennosti. 1960. 85 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 33. [Assembling the equipment for metallurgical plants] Montazh metallurgicheskogo oborudovaniia.
No. 1. [Equipment for blast-furnace plants] Oborudovanie domennykh tsekhov. 1960. 03 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for construction, assembly, and repair operations in 1960] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 34. [Forging and fitting operations] Kuznechno-slesarnye raboty. 1960. 72 p.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Uniform time and pay standards for building and assembling operations and repair work in 1960. General specifications] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Obshchaia chast'. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 31 p.

Several questions on wages. P.Listopadov, A.Kazankov, N.Solov'ev. Sots.trud 4 no.12:32-34 D '59.

Shaimov, K.V., and V.G.Shabalov. [How we organized the transfer of mines to a new wage system] Kak my organizovali perevod shakht na novuiu sistemu oplaty truda. Moskva, Ugletekhizdat, 1959. 27 p. (Nauchno-proizvodstvennaia literatura po voprosam ekonomiki)

horteniing the workday and improving the wage system Stek i ker 17 no 6 1-4 Je '60

mirnov, A.D. [Wages under capitalism; lecture on a course in political economy] Zarabotnaia plata pri kapitalizme; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 37 p.

viet trade unions and the regulation of wages. B. Kashintsev. Sov.profsoiuzy 16 no.11:40-41 Je '60.

he state benefits, so does labor. T. Koval', T. Luchko Sov. profsoiuzy 16 no 10 31-33 My '60.

ratem of regulating wages in the cement industry. M. Zagorchik. Sots.trud 5 no.1:135-140 Ja '60.

ime needed for the transition to a shorter work day and the regulation of wages of workers and employees. Otv. na vop.trud. no.109:30-34 '59.

ransfer to a new wage system and a shorter workday. I. Baltrushevich, T.Shatova. Biul.nauch.inform.: trud i zar.plata no.10:31-39 '59.

tilization of production potentialities in the transfer to a seven-hour workday. I.Shatalov, A.Kniazev, M.IAkovlev. Sots.trud 4 no 12,119-114 D '59.

ages in bakeries. N.Kastiuk. Sots.trud 4 no.12: 54-56 D '59.

ages of apprentices and instructors in the job training. 7. Raguzov, I.Denisov. Sots.trud 5 no. 2:137-139 ' '60.

e are changing to a shorter workday and to a new wage system. E. Lopatin. Zhil.-kom.khoz. 10 no.3:18-19 60.

hat are the results of the regulation of wages (to be oncluded). V. Markov. Agitator no.7:25-29 Ap '60.

at are the results of the regulation of wages. V. Markov. Agitator no.8:25-28 Ap '60.

at's new in planning wages and establishing work norms the printing industry. Z.A.Chernikina. Poligr. roizv. no.2:3-5 F '60.

rking out a wage system for repair and auxiliary orkers in automotive transportation. B.Geronimus, Kosel. Biul.nauch.inform.: trud i zar.plata 3 o.1:41-49 '60.

ES—ACCOUNTING

rease the economic level and effectiveness of control er wage fund disbursements. S.Verbitskii. Den.i red. 18 no.6:27-34 Je '60.

implified accounting method for payments to workmen d employees. E.M.Mirochkin. Uchet i fin.v kolkhoz. sovkhoz. 17 no.3:38-40 Mr '60.

WAGES—STATISTICS

Methods of analysis and computation of the distribution of workers and employees based on their wage group. A.Aganbegian. Sots.trud 5 no.2:23-35 F '60.

WAGES—TABLES AND READY-RECKONERS

Glebov, A.M. [Tables for reckoning the wages of workers and employees] Tablitsy raschetov zarabotnoi platy rabochikh i sluzhashchikh. Moskva, Gosfinizdat, 1959. 40 p.
(DS)

WAGES AND LABOR PRODUCTIVITY

(see also subdivision under Uzbekistan)

Multiple factor systems of wages. M.Moshenskii. Biul. nauch.inform.: trud i zar.plata no.10 71-80 '59

WALKING

Determining results in hiking competition. V.F.Samsonov. Teor.i prak.fiz.kul'. 23 no.2:142-144 '60.

WALL NEWSPAPERS see subdivision under Ukraine

WALLPAPER

Akademiia stroitel'stva i arkhitektury SSSR. [How to select and hang wallpaper] Kak vybrat' oboi i okleit' komnatu Moskva, TSentr. biuro tekhn. informatsii bumazhnoi i derevoobrabatyvaiushchei promyshl. TsINISIA, 1959. 31 p.

"PVR" wallpaper printing machine. E.A.Zaranovskii. Bum.prom. 35 no.2 15-17 F '60.

WALLS

(see also subdivision under Krivoy Rog)

Designing walls and slabs fixed on three sides only with the fourth unsupported. B.Z.Kunin. Prom.stroi. 38 no.3:60-62 '60.

Durability of walls. O.E.Vlasov, G.G.Eremeev. Izv. ASiA no.3:48-69 '59

Machine for finishing gypsum partitions. I IA Kuznetsova Rats i izobr.predl v stroi no 14 32-34 '60

Making gypsum concrete partitions and wall panels on stands. E.E Shamis Stroi.mat. 6 no 3 28-29 Mr '60.

Making gypsum slag concrete slabs for interior partitions. Rats.i izobr.predl.v stroi. no.13,19-23 '59.

Organization of the mass production of vibrated brick panels. N.Dikerman. Arkhit.i stroi.Mosk. 8 no.7. 14-15 Jl '59.

Sound insulating capacity of walls and partitions of buildings [in Armenian with summary in Russian]. N.K.Karapetian, A.A.Korkhmazian. Izv.AN Arm.SSR.Ser.tekh. nauk 12 no.6:37-47 '59.

Using gypsum-concrete based on various aggregates in making large-panel rolled partitions L.G Gulinova and others. Stroi.mat. 6 no 2 7-9 F '60.

Using pulp residues in coating gypsum fiber partitions Rats i izobr predl v stroi no 14 35-36 '60

WALNUT see subdivision under Soviet Central Asia

WANDER, KARL FRIEDRICH WILHELM, 1803-1879

From the history of German democratic pedagogy of the first half of the 19th century: Karl Friedrich Wilhelm Wander. A.I.Piskunov. Izv.APN no.105:53-92 '59.

WAR

How many wars have there been in the history of the world? Otv.na vop.trud. no.111:60 '60.

The 21st Congress of the CPSU on the possibility of eliminating wars from the life of human society. V.G. Semibratov. Uch.zap.kaf.obshchestv.nauk vuz.g.Len. no.2:130-159 '60.

WAR—CASUALTIES (STATISTICS, ETC.)

Demographic consequences of wars. G.Potemkin. Biul. SNO LGU no.1:123-148 '58.

WAR—ECONOMIC ASPECTS

(see also subdivision under United States)

Butter instead of cannons. N.Gauzner. V zashch.mira no.2:14-16 F '60.

"If I were minister of finance..." Mol.mira. no.12:4-5 '59.

Is it really so frightening to get rid of fear? Michel Hincker. V zashch.mira no.2:7-13 F '60.

Struggle for peace and social progress. A.Bulmashnov. Sov.profsoiuzy 16 no.8:28-31 Ap '60.

WAR AND RELIGION

Velikovich, L.N. [With cross and atomb bomb; the church and war] S krestom i atomnoi bomboi; tserkov' i voina. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 97 p. (Nauchno-populiarnaia biblioteka)

WARBLE FLIES see subdivision under Anzhero-Sudzhensk region

WAREHOUSES

Economic evaluation of the number of stories of commercial warehouses. S.Zorin. Ekon.stroi. no.3:66-67 Mr '60.

Fork lift carriers in warehouses. A.I.Tutnov. Mashinostroitel' no.3:43 Mr '60.

Mechanization of one-story and basement warehouses. A Gimmelfarb Sov.torg 33 no.3,52-54 Mr '60.

Planning the network of warehouses A.Polovnikov. Sov. potreb.koop. 1 no.2,38-40 '60.

Ways of improving the structural and operational qualities of storage warehouses for canned goods. K.U.Rashkovskii. Kons.i ov prom. 15 no.4 7-10 Ap '60.

WARSAW—ADULT EDUCATION

In socialist countries Nar obr no.6:101 Je '60.

WASHERS (MECHANICAL ENGINEERING)

Continuous production line for the heat treatment of elastic washers V N.Gusev Mashinostroitel' no.4 13-15 Ap '60

WASHING MACHINES

Semiautomatic device for washing ampules. M.A.Seletskii. Med.prom. 14 no.6:33-38 Je '60.

WASTE HEAT

Determination of the heat loss resulting from an incomplete chemical combustion of natural gas and fuel oil, as shown by the results of gas analysis. S V. Tatishchev, A.D.Likhachev Gaz.prom. 5 no.2 32-34 F '60.

WASTE PRODUCTS

Using pulp residues in coating gypsum fiber partitions Rats i izobr predl v stroi no 14 35-36 '60

WATER—AERATION

Apparatus for measuring aeration of streams. G.T.Dmitriev, V.E.Rusakov. Nauch.zap.MIIVKH 20:215-232 '58.

WATER—ANALYSIS

(see also subdivision under Gorno-Altai Autonomous Province, Kazakhstan)

Effect of the composition of water used in the diffusion process on the quality of products. G S.Benin, V.I. Gordienko Sakh.prom. 34 no.3,21-27 Mr '60

WATER—BACTERIOLOGY

"Microbiological processes of water purification" by L B Dolivo-Dobrovol'skii Reviewed by S N Skadovskii. Biul MOIP.Otd biol 64 no 5 171 S-O '59

WATER—CHLORINATION see subdivision under Kiev

WATER—COMPOSITION see subdivision under Kara-Bogaz-Gol (Gulf); White Russia

WATER—DISTRIBUTION

Expanding the field of use for the VE-2,5 m automatic towerless water-supply stations. P.V.Lobachev, O.P. Mikheev. Vod.i san.tekh. no.3:8-10 Mr '60.

Technical conference on industrial water supply to metallurgical and by-product coking plants. S.I.Komarov. Prom.energ. 15 no.3:51 Mr '60.

WATER—ELECTRIC PROPERTIES

The thermodielectric effect of freezing water. Z.I. Shvaishtein. Probl.Arkt. no.6 89-95 '59.

WATER—FLUORIDATION see subdivision under Uzbekistan

WATER—IONIZATION

Ozonization of water for domestic and drinking purposes L A.Kul'skii, M A.Shevchenko. Vod i san tekh. no.3 10-13 Mr '60.

WATER—POLLUTION

Modern problems in the toxicology of water. N.S.Stroganov. Vest.Mosk un.Ser 6 Biol., pochv. 15 no.2,3-17 '60.

WATER—PURIFICATION

"Microbiological processes of water purification" by L Dolivo-Dobrovol'skii Reviewed by S N.Skadovskii. Biul MOIP Otd biol. 64 no 5 174 S-O '59

Purifying waste waters in air-tank clarifiers. Zhil.-kom.khoz. 10 no.4:33 '60.

Regeneration of cation filters used for chemical water purification. L.A.Chernova. Energetik 8 no.3:38 Mr '60.

Water purification in rural areas I I Il'inskii. Vod i san tekh no.6 31-33 Je '60

Water purification on low-capacity water-supply lines. E.Z Agranonik. Vod.i san.tekh. no 3:13-17 Mr '60.

WATER—SOFTENING

Automatic pressure proportioner for water softening installations. A.N.Shirman. Energetik 8 no.2 8-9 F '60.

WATER, DISTILLED

Chemically softened water to be used in silvering glass M I Koz'min, S A Skripko Stek i ker. 17 no 6 39-41 Je '60

WATER, UNDERGROUND

(see also subdivision under Berezovo region, Tyumen Province, Kursk Magnetic Anomaly, Pechengskiy District, Tatar A S S R , Ural Mountain region, Ural Mountains, Uzbekistan; Volga Valley)

Designing drainage wells and calculating the correspondence between their rated and actual discharges. E. F. Drondin. Izv. vys. ucheb. zav., stroi. i arkhit. no. 11/12· 130-137 '59.

Ovchinnikov, A. M. [Underground water] Podzemnye vody. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 10)

Potassium in underground waters of the Moscow artesian basin [with summary in English]. M. S. IAnshina Geokhimiia no. 1 72-75 '60.

Putnik, N. P [Underground heat, utilization of thermal waters] Podzemnoe teplo, ispol'zovanie terminal'nykh vod Moskva, 1960 38 p (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser 4, Nauka i tekhnika, no 13)

Underground feeding of rivers in floods and summer low-water flows A. N. Vazhnov. Trudy TSIP no 96: 35-55 '60

Use of the tritium radioisotope in studying the dynamics of underground water. A. A. Abdullaev and others. Izv. AN Uz. SSR. Ser. fiz -mat nauk no. 6 82-83 '59.

Yield of a well in an initial flow with lightly permeable layers P. IA Polubarinova-Kochina. Izv. AN SSSR, Otd. tekh nauk. Mekh. i mashinostr. no 3 155-156 My-Je '60

WATER, UNDERGROUND—MAPS

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii. [Methodological directions for the compilation of hydrogeological maps at the scales of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:1,100,000] Metodicheskie ukazaniia po sostavleniiu gidrogeologicheskikh kart, masshtabov 1:1,000,000 - 1:500,000 i 1:200,000 - 1:1,100,000. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 49 p., maps.

WATER BIRDS

(see also subdivision under Argun' Valley, Black Sea region)

Some data on the migration of water birds nesting in the northern part of the Soviet Union T. P Shevareva. Migr. zhiv no. 1 95-123 '59.

WATER BOATMEN see subdivision under Transcaucasia

WATER CHESTNUT

Water chestnut L. V. Denisova Okhr. prir. i zapov. delo v SSSR no. 4 33-36 '60.

WATER CLOSETS

Automatic washdown toilet-tank designed by E. Alipov, A. Makarov. Zhil. -kom. khoz. 10 no. 3·34 '60.

WATER FLEAS

Material on the ecology of tropical and subtropical species of Cladocera A M Mukhamediev Izv AN Uz SSR Ser biol nauk no 1 67-78 '57

WATER GAS

Production of water gas in engineering and power systems using milled peat IU V Varankin, I T El'perin Trudy Inst energ. AN BSSR no 10 37-45 '59

WATER HAMMER

Air removal from the water system. V. S. Dikarevskii. Trudy LIIZHT no. 165 172-178 '59.

Propagation velocity of pressure waves in liquids confined in pipes with thick elastic walls. M. V. Korovchinskii. Nauch. zap. MIIVKH 20·3-14 '58.

WATER HEATERS

Combination type water heaters. M I. Prokhorenko Vod i san tekh no 3 21-24 Mr '60

Experience in using electric water heaters. R. P. Chanyshev, L. T. Honcharov. Mekh. sil'. hosp. 11 no. 2: 23-24 F '60.

WATER LILIES

Some characteristics of germination and the formation of seedlings in water lilies. S. IU. Turdiev. Trudy Alma-At. bot sada 5 164-178 '60.

WATER METABOLISM

Out-session of the Department of Biological Sciences of the Academy of Sciences on problems concerning the water regimen of plants, held in Kazan. Fiziol. rast. 7 no. 3:382-384 '60.

WATER METERS

Recording the consumption of water in irrigating farm crops with double-cantilever sprinklers. I. F. Shtangei, N. P. Stepenko. Gidr. i mel. 12 no. 3:34-37 Mr '60.

WATER PIPES

(see also subdivision under Crimea)

Antivacuum valves in pressure water pipes. A. A. Surin. Trudy LIIZHT no. 165 120-134 '59.

WATER PIPES—CLEANING

Increasing the capacity of railroad water mains by using compressed air cleaning. N. N Pavlova. Trudy LIIZHT no. 165 164-171 '59.

WATER PLANTS see Aquatic plants

WATER RESOURCES DEVELOPMENT

(see also subdivision under Agrakhan Gulf, Caucasus, Northern, Daghestan, Kazakhstan, Kirov Gulf)

A scheme for diverting the flow of northern rivers to the Kama and Volga Basin G V Dmitriev Trudy Okean. kom 5 37-49 '59

WATER STORAGE—HYGIENIC ASPECTS

Hygienic protection for reservoirs. IA. A. Mogilevskii. Fel'd. i akush. 25 no 3 37-40 Mr '60.

WATER SUPPLY

(see also subdivision under Golodnaya Steppe)

Composition and purpose of the register of water resources P D Gatillo Trudy Inst energ AN BSSR no 10 127-132 '59

Using shallow lakes in supplying water to populated areas. V. Balabanov. Zhil. -kom. khoz. 10 no. 4:21-23 '60.

WATER SUPPLY, RURAL

(see also subdivision under Central Black Earth region)

Sanitary engineering in rural construction Vod i san. tekh no. 3 1-2 Mr '60

Use of electric prospecting for rural water supply purposes. S. A. Ivanov. Gidr. i mel. 12 no 2·27-32 F '60.

Water supply of houses on collective farms. S. Kolobanov. Sil'. bud. 10 no. 3:13-15 Mr '60.

WATER-SUPPLY ENGINEERING

(see also subdivision under Moscow; Netherlands)

Alumni of the Institute of Railroad Engineers were pioneers in water supply engineering in our country. A. A. Surin Trudy LIIZHT no. 165 118-119 '59.

Competition for a design for a non-freezing water supply standpipe Zdrav. Belor. 6 no 2 78 F '60

Development of water-supply and sewarage systems in cities of the U S S R P A Spyshnov Vod i san tekh no 6 1-4 Je '60

The practice of planning and operating reservoir water intakes A V Chibov. Vod i san tekh no 6 26-28 Je '60

Theoretical basis for the calculation of infiltration water intakes taking into consideration the silting of river beds V M Grigor'ev Vod i san tekh no 6 18-22 Je '60

Wave effect on water intakes IA E. Gugniaev. Vod i san tekh no 4 31-32 Ap '60.

WATER SUPPLY ENGINEERING—BIBLIOGRAPHY see Bibliography—Water supply engineering

WATER-SUPPLY ENGINEERING—HYGIENIC ASPECTS

Sanitary rules for the planning, construction, and operation of water supply lines for general household and drinking purposes. Gig i san. 25 no 2:107-116 F '60

WATER-SUPPLY ENGINEERING—TABLES, CALCULATIONS, ETC

Chestnyi, M. G. [Calculation of the capacity of water-supply lines] Uchet vody na vodoprovodakh. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1958. 42 p.

WATER-SUPPLY ENGINEERING, LOW TEMPERATURE

Gorlacheva, I. A [Studying the thermal field of ground with a water line laid in the zone subject to seasonal freezing, scientific report] Issledovanie teplovogo polia grunta s vodovodom, prolozhennym v zone sezonnogo promerzaniia, nauchnoe soobshchenie. [Pushkin] Akad. kommun khoz. im. K D. Pamfilova, 1959 39 p.

Laying pipes in water-supply networks of city blocks side by side with heating conduits A F Miller, D I. Foigel'. Vod i san tekh no. 6 33-34 Je '60

WATER TOWERS

Experimental investigations of the heat exchange in open unheated water storage tanks. L. F. Komiagin. Trudy LIIZHT no. 165·184-206 '59.

WATER VAPOR

Combustion of liquid fuel and the simultaneous vaporization of atomized water in a common reaction zone. V. M. Ivanov. Trudy IGI 11:169-187 '59.

Continuous metal - water vapor method of producing hydrogen. V. V. Lebedev. Trudy IGI 11·215-225 '59.

Evaluation of the reactivity toward water vapor of the fluorides of metals in group 2 of the periodic system, as viewed in the light of the phenomenon of secondary periodicity. M A. Mikhailov, E. P. Ozhigov. Soob. Prim. otd. VKHO no. 3 55-64 '57.

Kinetics of the reaction of carbon with carbon dioxide and water vapor. P. N. Galushko, B. V. Kantorovich. Trudy IGI 11.39-45 '59.

Organic synthesis from carbon monoxide and water vapor. I. F. Bogdanov and others. Trudy IGI 11 91-99 '59.

Reaction of conversion of methane by water vapor as applied to the underground gasification of coals. N. V Labrov, K. B. Trifonova. Trudy IGI 11:75-81 '59.

Thermodynamic investigation of the conversion of methane by water vapor and carbon dioxide under high pressure. V. S. Al'tshuler, G. A. Shafir. Trudy IGI 11 65-74 '59.

WATERPROOFING

Hermetic sealing of stators of immersible electric motors for NDV-type pumps. F. I Liashenko. Ugol' Ukr. 4 no. 2.37 F '60

Increasing the water resistance of gypsum. E. S. Savin. Trudy RISI no. 15 94-100 '58.

Increasing the water resistance of particle board N P. Kashirin. Stroi mat 6 no 2·20 F '60.

Increasing water-resisting properties of cold bituminous mineral mixes. V. P. Volod'ko. Avt. dor. 23 no 6:13 15 Je '60.

Waterproof mortars for protecting residential and industrial buildings. A Shnypkin Bud. mat. i konstr 2 no 1 52-55 F '60.

WAVE GUIDES

Calculation of an endovibrator with a complex form A IA IAshkin Izv. vys ucheb zav., radiotekh 2 no. 6 738-741 N-D '59

Directional couplers of a surface wave. D. I. Mirovitskii, G. G. Valeev. Radiotekh. i elektron. 5 no. 7:1078-1084 Jl '60.

Effect of nonprecision in manufacture on the band properties of a septate wave guide. I. A. Grishaev, A. I. Zykov. Radiotekh. i elektron. 5 no. 7·1182-1191 Jl '60

Excitation of dielectric wave guides V. I. Talanov. Izv. vys ucheb zav., radiofiz 2 no. 6·902-910 '59.

Excitation of wave-guide systems by an electron stream with a given modulation. V. A. Solntsev, A. S. Tager. Radiotekh. i elektron. 5 no. 7:1100-1111 Jl '60.

Investigation of wave-guide radiators excited by a relativistic high-frequency electron flow. IU. V. Anisimova and others. Radiotekh. i elektron. 5 no. 6: 969-980 Je '60.

Method of calculating a dielectric insert for matching H_{01} wave in the transition between two circular wave guides. Van Khuan'-chzho. Radiotekh. i elektron. 5 no. 7: 1072-1077 Jl '60.

Phase and amplitude control of an electromagnetic wave in a wave guide by means of a germanium plate N V. Aleksandrov and others Izv. vys. ucheb zav., radiofiz 2 no 6 911-914 '59.

Shteinshleiger, V. B., ed. [Low-loss wave guide transmission lines; collection of articles translated from the English] Volnovodnye linii peredachi s malymi poteriami, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1960. 478 p.

Use of a glow discharge for electronic tuning of the arrester in a transmitter blocking device. A. M. Starik. Radiotekh. i elektron. 5 no. 7:1124-1128 Jl '60.

Use of an arbitrary load in measuring the input impedance of a periodically loaded waveguide in the transmission range. A. I. Zykov, S. G. Kononenko. Radiotekh. i elektron. 5 no. 6:926-929 Je 60.

Wide-band directional wave guide coupler. D. M. Mashkovtsev, L. Z. Bensman, A. A. Khokhrov. Radiotekhnika 15 no. 4:8-17 Ap '60.

WAVE MECHANICS

Hamilton method in the electrodynamics of anisotropic absorbing media IU A. Ryzhov. Izv. vys. ucheb zav , radiofiz 2 no 6 869-875 '59.

Waves on the surface of a viscous fluid with finite depth. I. P. Obotolov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 3 159-162 My-Je '60.

WAVES

(see also subdivision under Antarctic regions; Caspian Sea)

Balance shaping of bank slopes by waves. I. K. Sivakov. Trudy LIIZHT no. 165:90-99 '59.

The height of waves rolling against embankments. O. F. Vasil'ev. Gidr. stroi. 29 no. 3:48 Mr '60.

Separate production of tars and detarred waxes from Ukrainian brown coals in a single technological process. I. S. Levin, T. A. Barniakova. Trudy Inst. khim. UFAN SSSR no. 5:49-55 '59.

Solving hydrodynamic equations of waves with finite amplitude by the method of finite differences E P. Kovalenko. Trudy Inst. energ. AN BSSR no 10·172-187 '59

Some characteristics of unsteady wind waves in the deep ocean. G. I. Gershengorn. Trudy Dal'nevost. NIGMI no 7:3-9 '59.

Wave disintegration in shallow waters. IU. A. Resh. Trudy LIIZHT no. 165:207-214 '59.

Wave effect on water intakes IA. E. Gugniaev. Vod i san tekh no 4 31-32 Ap '60.

Work practices with the GM-16 wave recorder. V. A. Liubanskii, V. G. Mortsalov. Meteor. i gidrol. no. 6:32-34 Je '60.

WEATHER

What will the weather be tomorrow? G. Mikhailova. IUn. nat. no. 5.22-23 My '60.

WEATHER FORECASTING

Improved scheme for roughness calculations of the earth's surface in numerical weather forecasting. Tu Hsing-yüan. Trudy GGO no. 99:43-47 '59.

Numerical map analysis L S. Gandin. Trudy GGO no 99 48-66 '59.

The problem of optimum interpolation L S Gandin. Trudy GGO no. 99:67-76 '59.

Testing the method of forecasts based on the successivity of synoptic processes. V. B. Afanas'eva. Trudy GGO no. 90:3-10 '60.

WEATHERING see subdivision under Conrad Mountains, Kazakh Hills

WEAVING

Theory of the formation of a textile fabric. Kh. A. Rakhmatulin. Inzh. sbor. 27:5-16 '60.

WEED CONTROL

Chemical control of vegetation in drainage canals N K. Bessrebrennikov Trudy Belar nav -dasl inst mel i vod hasp 6 126-141 '58

Chesalin, G. A. [Weed control] Bor'ba s sorniakami. Izd. 3., dop. i ispr. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 133 p.
(DA)

WEEDS

(see also subdivision under Dnepropetrovsk Province)

Dispersal of seeds of some weed species by the gray hare [with summary in English] G V Modin Zool zhur 39 no 3 472-474 '60

WEEVILS

Heptachlor, highly effective chemical for the control of sugar beet weevils. O. I. Petrukha and others. Visnyk sil' hosp. nauky 3 no. 3.38-42 Mr '60.

WEIGHING MACHINES

Experimental assembly for the automatic weighing of powdered components for rubber mixtures at the Yaroslavl Tire Factory. V. M. Kudinov and others. Kauch. i rez. 19 no 3 45-49 Mr '60.

WEIGHT LIFTING see subdivision under White Russia

WEIGHTS AND MEASURES—TESTING

Organizational and technical preparation of a temporary branch for rural regions. V. V. Potropavlovskii. Izm. tekh. no. 3:50-52 Mr '60.

WELDING

Making composite bolts by friction welding. I. A. Podgaevskii Mashinostroitel' no. 3:12 Mr '60.

Objectives of the further expansion of welding techniques in transportation. B. E. Paton. Zhel-dor. transp. 42 no. 4·30-34 Ap '60.

Pressure welding. Avtom., telem. i sviaz' 4 no. 2:45 F '60.

Quality control of welding during the installation of power equipment. A. G. Ryss. Energetik 8 no 2,6-7 F '60.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—STANDARDS

"Time-norms established in the general machinery industry on automatic, semiautomatic and manual arc welding", book review by A D Gitlevich. Svar proizv no 2 43-45 F '60.

WELDING—TESTING

Selecting the optimum frequency of ultrasound for testing heavy welds. I. N. Ermolov. Zav. lab. 26 no. 4:452-451 '60.

WELDING RESEARCH

Present state and ways of further developing welding techniques in the U. S S. R. B. E. Paton. Svar. proizv no 2 1-5 F '60.

WELLS

(see also subdivision under Sterlitamak)

Construction of bottom filters in imperfect surface wells. I. S. Nikolodyshev. Gidr. i mel. 12 no. 2·33-38 F '60.

Experimental investigation of additional seepage resistance caused by the imperfectness of wells with respect to the degree of the penetration of strata in case of a straight chain of nonartesian wells. L. N. Pavlovskaia. Izv. VNIIG 62:171-177 '59.

Interaction of horizontal radial filters in shallow wells. N A Chulkov Vod. i san. tekh no 6·22-25 Je '60

Russia (19[illegible] mitet po delam [illegible] stand- ards for [illegible] pera- tions in [illegible] itel'nye, montazhnye i remontno-stroitel'nye raboty, 1960 g. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
Sbornik 14. [Well boring for water] Burenie skvazhin na vodu. 1960. 185 p.

WEST INDIES—MAPS

Russia (1923- U. S. S R.) Glavnoe upravlenie geodezii i kartografii. [Central America and the West Indies] TSentral'naia Amerika i Vest-Indiia Scale 1 5 000 000 Moskva, Gos. izd-vo geogr lit-ry, 1959 fold col map
——— Gokhman, V. [Central America and the West Indies] TSentral'naia Amerika i Vest-Indiia. 41 p.

WEST KAZAKHSTAN PROVINCE—BOTANY—ECOLOGY

Wormwood pastures of the right bank of the Ural River in West Kazakhstan Province. N. T. Ageeva, E. B. Khudaibergenov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1 47-57 '60.

WEST KAZAKHSTAN PROVINCE—STOCK AND STOCK-BREEDING

Using hidden potentialities and increasing the production of livestock products S Niiazbekov Nar khoz. Kazakh 18 no. 3 54-57 Mr '60

WEST SIBERIAN PLAIN—CLAY

Mesozoic and Cenozoic clay rocks in the southwestern part of the West Siberian Plain. E N Ivanova. Trudy VNIGRI no. 140:228-253 '59.

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

Combined oil and gas prospecting method to be applied in the western part of the West Siberian Plain. V. G. Korneeva, V. V. Ansimov, L. M. Kravchenko Trudy VNIGRI no 140.354-386 '59.

Oil and gas potentials of the western part of the West Siberian Plain. G P. Sverchkov. Trudy VNIGRI no. 140. 312-353 '59.

WEST SIBERIAN PLAIN—GEOLOGY, STRATIGRAPHIC

Glazunova, A. E., and others [Cretaceous stratigraphy and fauna of the West Siberian Plain] Stratigrafiia i fauna melovykh otlozhenii Zapadno-Sibirskoi nizmennosti. Leningrad, 1960. 346 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 29)

Jurassic sediments in the Uvat-Tobol'sk area. V. S. Kravets. Trudy VNIGRI no. 140·110-119 '59.

Jurassic stratigraphy of the central Irtysh, the Ob' River, and the Chulym-Yenisey Lowland. T. L. Derviz. Trudy VNIGRI no. 140,62-84 '59.

Mesozoic and Cenozoic facies of the western part of the West Siberian Plain. T. F. Balabanova and others Trudy VNIGRI no. 140·183-227 '59.

Quaternary stratigraphy of the northwestern part of the West Siberian Plain. A. A. Fol'ts. Trudy VNIGRI no. 140 170-182 '59.

Upper Cretaceous and Tertiary stratigraphy of the Berezovo-Mal Altym area. S. G. Galerkina. Trudy VNIGRI no. 140.139-167 '59.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Mesozoic and Cenozoic tectonics of the western part of the West Siberian Plain. V. D. Nalivkin. Trudy VNIGRI no. 140:254-295 '59.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

Combined oil and gas prospecting method to be applied in the western part of the West Siberian Plain. V. G. Korneeva, V. V. Ansimov, L. M. Kravchenko. Trudy VNIGRI no. 140·354-386 '59.

Oil and gas potentials of the western part of the West Siberian Plain. G. P. Sverchkov. Trudy VNIGRI no. 140: 312-353 '59.

WESTERN SIBERIA see Siberia, Western

WETTING

Determining the mutual wetting of immiscible liquids. S. M. Balanina Zhur. prikl khim. 33 no 3·739-742 Mr '60.

WETTING AGENTS

Role of wetting in the electrodeposition of metals [with summary in English]. D. N. Hrytsan, D. S. Shun. Dop. AN URSR no. 1:64-68 '60.

WEYDEN, ROGER VAN DER, 1400 (ca.) - 1464

Two copies of "Descent from the cross" by Roger van der Weyden in the Hermitage. N. Nikulin. Soob. Gos. Erm. no. 15:22-25 '59.

WHALE OIL

Problem of the reversion of fish oil taste and odor in hydrogenated whale oil. T. A. Khorin. Masl.-zhir. prom. 26 no. 3:21-22 Mr '60.

WHALES

Structural elements increasing the elasticity of the skin in whalebone whales [with summary in English]. V. E. Sokolov. Zool. zhur. 39 no. 2:307-308 F '60.

Tryptic activity of the sperm whale pancreas. A. M. Sushko, Z. A. Emel'ianenko. Soob. Prim. otd. VKHO no. 3:135-144 '57.

Whale marking. V. A. Arsen'ev. Migr. zhiv. no. 1:161-169 '59.

WHEAT

(see also subdivision under China; Ukraine)

Area of the active surface of wheat grain and the physical interpretation of the term. G. A. Egorov. Izv vys. ucheb. zav., pishch tekh. no 1 13-16 '60.

Change in the biochemical properties of wheat under gamma irradiation. N. I. Sosedov and others. Trudy VNIIZ no. 36.42-83 '59.

Changes in the ash content of the endosperm during hydrothermal treatment of wheat grain. E. D. Kazakov, I A Sakharova Dokl AN SSSR 132 no. 6 1436-1440 Je '60

Changes in the growth and developmental rate of spring wheat that has been cultivated for years in the desert. B I Shcherbakov. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1.14-21 '59.

Changes in the quality of wheat at various stages in harvesting, storage, and drying. S. I. Akivis and others. Trudy VNIIZ no. 36·3-29 '59.

Effect of Solonetz soils on physiological processes in spring wheat. L. I. Kiseleva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 1,3-13 '59

Effect of trace elements on the susceptibility of wheat to lodging and its relation to oxidation-reduction processes [in Azerbaijani with summary in Russian]. N D. Rzaev Uch zap. AGU Biol. ser. no 2 65-66 '59.

Formation of "branching spikes" and "sprouting flowers" in wheat. P. A. Gandilian. Izv. AN Arm. SSR. Biol. nauki 12 no. 12:89-94 D '59.

Metabolism of phosphorus compounds in tissues of different organs of the spring wheat plant L. A. Zuev, Yu Ch'ung-piao. Dokl AN SSSR 132 no. 6 1434-1437 Je '60.

Mycorhiza of wheat and its role in the growth and development of the plant [with summary in English] E. P. Khrushcheva Izv. AN SSSR Ser biol no 2·230-239 Mr-Ap '60.

Role of certain factors in the formation of grain in different parts of the spring wheat ear [with summary in English]. G I Abolina Izv AN SSSR Ser. biol no. 2· 287-290 Mr-Ap '60

Some recent data on intermediate and fixed protein in the wheat endosperm. N. P. Koz'mina and others. Trudy VNIIZ no. 36.30-41 '59.

Special aspects of producing the seed of hybrid winter wheat varieties. A. A. Gorlach. Visnyk sil'. hosp. nauky 3 no. 3 26-31 Mr '60.

[Spring wheat] IArovaia pshenitsa. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 374 p.
(CU)

Structural characteristics of upper adventitious roots in wheat V F. Dorofeev Bot zhur 45 no 2 276-279 F '60

WHEAT—VARIETIES see subdivision under Kazakhstan

WHEAT—WATER REQUIREMENTS

Evaporation from farm fields in the steppe and forest steppe zones of the European part of the U. S. S. R. A. R. Konstantinov, T. N. Filatova. Trudy GGI no. 72:70-101 '59.

WHITE RUSSIA—AGRICULTURE

We carry out the decisions of the party. Andrei Khudziakou and others. Belarus' 17 no. 3·2-3 Mr '60.

WHITE RUSSIA—AGRICULTURE—PRODUCTION STANDARDS

What a system for the establishment of work norms in agriculture should be like. K. Sazykina. Ekon. sel'khoz. 31 no. 2·69-72 F '60

WHITE RUSSIA—ALDER

Phenological observations of the hoary alder (Alnus incana Moench). I. D. IUrkevich, V. S. Hel'tman. Vestsi AN BSSR. Ser. bilal. nav. no 1 8-19 '60.

WHITE RUSSIA—ALGAE

Protococcal algae of ponds of the White Russian Polesye. N. I. Sretsenskaia. Vestsi AN BSSR. Ser. bilal. nav. no. 1 32-39 '60

WHITE RUSSIA—AMATEUR ART ACTIVITIES

Amateur art. Ul. Harachun. Belarus' 17 no. 2:20 F '60.

WHITE RUSSIA—BIOLOGY

Brief news. Vestsi AN BSSR. Ser. bilal. nav. no. 1.143 '60.

WHITE RUSSIA—BOTANICAL RESEARCH

Some results of work of the White Russian Section of the All-Union Botanical Society. E. A. Kruganova, N. V. Gorbach. Bot. zhur. 45 no. 3:466-469 Mr '60.

WHITE RUSSIA—BREAM

Size and age of bream taken in commercial catches from lakes of the Naroch group. P. S. Neviadomskaia. Vestsi AN BSSR Ser. bilal. nav. no. 1 70-72 '60.

WHITE RUSSIA—BUILDING, ADOBE

From local materials. B. Blakhin. Prof.-tekh. obr. 17 no. 3:19 Mr '60.

WHITE RUSSIA—BUILDING MACHINERY

Mechanization of building and assembling operations on construction sites of the Ministry of Construction of the White Russian S S R A. G Gimpelev. Mekh stroi 17 no 6·3-4 Je '60

WHITE RUSSIA - CANNING INDUSTRY

Canning and preserving factories must have permanent sources of raw materials. I. I. Volkov. Kons. i ov. prom. 15 no. 7:17-18 Jl '60.

WHITE RUSSIA - CLAY

Swelling of White Russian clays. V. S. Ponomarev, N. I. Evmenenko, V. I. Varlamov. Dokl. AN BSSR 4 no. 3:108-112 Mr '60.

WHITE RUSSIA - COLLECTIVE FARMS

Collected studies of the life and culture of White Russian collective farmers ("White Russian ethnographic collection." Reviewed by O. Kravets, O. Lysenkova) Nov. kn. za rub. [illegible]

WHITE RUSSIA - COMMERCE

Razumenko, A. V., and I. D. A[illegible] [Commerce in the White Russian S.S.R. during the seven year plan] Torgovlia v Belorusskoi SSR v semiletke. Minsk 1960. 21 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 3)

WHITE RUSSIA - COMMUNIST PARTY OF THE SOVIET UNION

At the 24th congress of the Communist Party of White Russia. N. Krasovskii. Belarus' 17 no. 3:1 Mr '60.

Resolution of the 24th Congress of the Communist Party of White Russia on the work of its Central Committee. Komm. Bel. 34 no. 3:[illegible] Mr '60.

Saladkou, [illegible] [Bolsheviks of White Russia during the First World War and the second Russian revolution, 1914-March 1917] Bol'sheviki Belarusi u peryiad [illegible] 1914 - [illegible] 1917 gg. Minsk, Dziarzh. vyd-va BSSR, 1957. 140 p. (MIRA)

WHITE RUSSIA - COMMUNIST PARTY OF THE SOVIET UNION - PARTY WORK

How the Communist Party of White Russia is trying to improve the management of industrial enterprises during the third five year plan for the development of the socialist national economy. [illegible]

Periodic early [illegible] forms and methods of the communist education of workers. A. Kovnev. Komm. Bel. 34 [illegible] Mr '60.

A little about everything. Komm. Bel. [illegible] Mr '60.

WHITE RUSSIA - CRIMINAL PROCEDURE

History of the systematization and codification of criminal procedure laws in the White Russian S.S.R. [illegible] Vestsi AN BSSR Ser. hram. nav. no. 1:91-104 '60.

WHITE RUSSIA - CULTURE

V. I. Lenin and the cultural revolution in White Russia. [illegible] Komm. Bel. 34 no. 3:10-16 Mr '60.

WHITE RUSSIA - DRAINAGE

Clay tile drains and outlook for their use in the White Russian S.S.R. [illegible]

Studying drainage systems for [illegible] A. I. [illegible] Trudy Belar. [illegible]

WHITE RUSSIA - ECONOMIC CONDITIONS

At the 24th Congress of the Communist Party of White Russia. N. Krasovskii. Belarus' 17 no. 3:1 Mr '60.

Resolution of the 24th Congress of the Communist Party of White Russia on the work of its Central Committee. Komm. Bel. 34 no. 3:1-6 Mr '60.

WHITE RUSSIA - ECONOMIC POLICY

The main objective of the Communist Party of White Russia is to carry out the seven year plan ahead of schedule. Komm. Bel. 34 no. 3:[illegible] Mr '60.

WHITE RUSSIA - ETHNOLOGICAL RESEARCH

Basic results of the ethnographical expedition of 1959 in the southern regions of White Russia. I. A. [illegible] Vestsi AN BSSR Ser. hram. nav. no. 1:137-140 '60.

WHITE RUSSIA - FIRE PREVENTION

Search for new methods of fire prevention. I. [illegible] Pozh. delo 6:24 Je '60.

WHITE RUSSIA - GAS, NATURAL

Areas suitable for district heating and gasification. Z. I. Zhukovskaia. Trudy Inst. energ. AN BSSR no. 10:22-26 '60.

WHITE RUSSIA - GAS, NATURAL - PIPELINES

The line. M. Mikhnau. Belarus' 17 no. 3:6 Mr '60.

WHITE RUSSIA - HEATING FROM CENTRAL STATIONS

Areas suitable for district heating and gasification. Z. I. Zhukovskaia. Trudy Inst. energ. AN BSSR no. 10:22-26 '60.

WHITE RUSSIA - HISTORY

"A history of the White Russian S.S.R." Vol. 2. [illegible] Vop. ist. no. 6:143 Je '60.

Organizational work of the "League of White Russian Peasants and Workers" in [illegible] Vestsi AN BSSR [illegible]

Peasant movement of [illegible] in western White Russia. I. A. Poluian. Vestsi AN BSSR [illegible]

Role of the White Russian people in the Soviet [illegible] Vestsi AN BSSR [illegible]

WHITE RUSSIA - HYDROELECTRIC POWER STATIONS

Joint construction of small and medium [illegible]

Operating conditions of the [illegible] Power System [illegible]

WHITE RUSSIA - INDUSTRIAL MANAGEMENT

How the Communist Party of White Russia is trying to improve the management of industrial enterprises during the third five year plan for the [illegible]

WHITE RUSSIA - INDUSTRIAL ORGANIZATION

Specialization and cooperation in White Russian [illegible] A. [illegible] Komm. Bel. [illegible]

WHITE RUSSIA - INDUSTRIES

[illegible]

[illegible], I. M., and D. A. [illegible] Minsk [illegible] 1959. [illegible] p.

WHITE RUSSIA - INDUSTRY - LOCATION

Akademiia nauk BSSR, Minsk. [illegible]

WHITE RUSSIA - LAW

Akademiia nauk BSSR, Minsk. [illegible]

WHITE RUSSIA - [illegible]

[illegible]

WHITE RUSSIA - [illegible]

[illegible]

WHITE RUSSIA - MACHINERY INDUSTRY - [illegible]

[illegible]

WHITE RUSSIA - MAPLE

[illegible]

WHITE RUSSIA - [illegible]

[illegible]

WHITE RUSSIA - PEASANT [illegible]

[illegible]

WHITE RUSSIA - PEASANTRY

Zalesskii, A. I. [Life of White Russian peasants in a region of [illegible]] [illegible] Minsk, Vyd-va Akad. navuk BSSR, 1960. 209 p.

WHITE RUSSIA - PEAT INDUSTRY - EQUIPMENT AND SUPPLIES

Column filled with a mixture of benzene and [illegible] starters of diesel tractor engines. [illegible] Torf. prom. 37 no. 2:34-35 '60.

WHITE RUSSIA - PEAT SOILS

Minsk. Belaruski nauchna-dasledchy instytut [illegible] [Achievements [illegible] in White Russia [illegible] of the Institute dedicated to the 40th anniversary of the White Russian S.S.R.] [illegible] v BSSR. Institut [illegible] Minsk, Akad. navuk BSSR, 1958. 101 p. (MIRA)

WHITE RUSSIA - [illegible]

[illegible] [Trees [illegible] White Russian S.S.R.] [illegible] Belorusskoi [illegible]

[illegible] from the [illegible] Amerik[illegible]

WHITE RUSSIA - [illegible]

[illegible]

WHITE RUSSIA - [illegible]

[illegible]

[illegible]

WHITE RUSSIA—WOODWORKING INDUSTRIES
Woodworking industry of White Russia in the seven-year plan. D.P.Ritrova. Der. prom. 9 no.[illegible] '60

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LANGUAGE—CLAUSES
Construction with the subordinate clauses of time and with object clauses in the literary texts of the second half of the 18th century. I.I.Kramko. Vestsi AN BSSR. Ser. hum. nav. no.1:111-117 '60.

WHITE RUSSIAN LANGUAGE—TERMS AND PHRASES
Why we speak as we do? Belarus' 17 no.3:33 Mr '60.

WHITE RUSSIAN LANGUAGE—VERB
History of White Russian verbs with suffix ending in -ava (-ava), -eva, -a, and -ia based on 15th-17th century White Russian literature. A.I.IAnovich. Vestsi AN BSSR. Ser. hum. nav. no.1:[illegible] '60

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM
Akademiia navuk BSSR, Minsk Instytut literatury i mastatstva. [White Russian literature, studies and papers] Belaruskaia literatura, dasledavanni i publikatsyi. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1958. 2 v.
(NN)
A book on the art of literary work ("The art of literary creation" by Ales' Adamovich. Reviewed by IA.[illegible]). Belarus' 17 no.2:11 F '60.

WHITE SEA—COAST CHANGES
Recent vertical coast movements of the White and Barents Seas. I.P.Orlenko. Izv. vys. ucheb. zav.; geol. i razved. [illegible] '60

WHITE SEA—DIVING, SUBMARINE
With an aqualung at the Polar Circle. A.Popov. Vokrug sveta no.3:34 Mr '60.

WHITE SEA—POLYCHAETA
Pelagic larvae of some polychaetes in the White Sea [with summary in English]. V.A.Sveshnikov. Zool. zhur. 39 no.2:[illegible] '60

WHITE SEA—SALINITY
Changes in the salinity of deep waters in the White Sea Basin. V.M.Nalechin. Izv. AN SSSR. Ser. geog. no.[illegible] My-Je '60.

WHITE SEA REGION—BOTANY
A contribution to the study of the moss flora of islands of the White Sea [with summary in English]. [illegible] Bot. zhur. 45 no.2:306-[illegible] F '60

WHITEFISHES
(see also subdivision under Kharkov; Yenisey Delta)
Growth of the yearling of Coregonus peled (Gmelin) and gonad development in experimental ponds [with summary in English]. V.A. Moschan. Dop. AN URSR no.4:[illegible] '60

WHOLESALE TRADE
Expand the role of wholesale trade. Sh.Aleutkin. Sov. potreb.koop. 4 no.3:23-25 Mr '60.
Problems in the improvement of wholesale trade. M.I.[illegible] Sov.torg. 33 no.3:[illegible]-25 Mr '60
Wholesale fair. R.IAkovleva. Sov. potreb.koop. 4 no.2:46 '60.

WHOOPING COUGH
Diagnosis of whooping cough. R.M.Vel'tishcheva. Fel'd. i akush. 25 no.1:42-43 Mr '60

WILDLIFE, CONSERVATION OF
(see also subdivision under Germany, East)
Protect nature. K.Blagosklonov. Iun. nat. no.4:20-23 Ap '60.
Forest settlers. I.Tol'skonnikov. Iun.nat. no.4:24-25 Ap '60

WIND EROSION
Protecting soils from wind erosion. K.I.[illegible] Vest. sel'khoz. nauki [illegible] Mr '60

WIND POWER
(see also subdivision under Georgia; Turkmenistan)
Utilize wind power in agriculture. F.Fateev. Tekh. v sel'khoz. 20 no.2:31-34 F '60.

WIND PRESSURE
Devices for protecting tower cranes against wind loads. A.S.Nikitskii. Mekh.stroi. 17 no.3:22-23 Mr '60.

WINDBREAKS, SHELTERBELTS, ETC
Changes in the planting of shelterbelts in the U.S.S.R. A.IA.Yaroshenko. Vest.Inst.po izuch. SSSR no.4: [illegible] '59.
Over-all mechanization and automation in the shelterbelt installation. A.Shadrin. [illegible] 2 no.3:31-33 Mr '60
Role of shelterbelt afforestation in developing state and collective farm economy [with summaries in English, German, and French]. A.A.Sorokovich. Vest. sel'khoz. nauki 5 no.2:16-21 F '60

WINDING MACHINES
Investigating the parameters of flyer frame winding in processing staple fibers. Z.M.Orlova. Izv.vys.ucheb. zav.; tekh.tekst.prom. no.1:60-69 '60

WINDMILLS
Glushchenko, V.P. [Using windmills in agriculture] Primenenie vetrodvigatelei v sel'skom khoziaistve. Kiev, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1959. 97 p.
(DA)
Time and place of appearance of the first windmills. N.A.Ponomarev. Trudy Inst.ist.est.i tekh. 29: [illegible] '60

WINDOW GARDENING
Garden in the room. L.Dekhtereva. Sem'ia i shkola 15 no.2:16-17 F '60.

WINDOWS
Clamping screws for double sashes. Rats. i izobr. predl. v stroi. no.11:30-31 '60
Consultation. Stroitel' no.3:27 Mr '60
Flexible brackets to be used in finishing window jambs. Rats. i izobr. predl. v stroi. no.11:31-[illegible] '60
Light openings in large-panel partitions of industry engineering units made without using frames and casements. Rats.i izobr.predl.v stroi. no.11:79-81 '59.

WINDS
(see also subdivision under Antarctic regions, Atlantic Ocean; Caspian Sea; Caucasus; Golodnaya Steppe; Kamchatka; Toy Tyube)
Determination of vertical gusts by accelerograph records of airplanes navigated by pilots. A.S.Dubov, A.L. Gorkin. Trudy GGO no.98:30-42 '59.
Determining the horizontal components of wind velocity. R.I.Nozdreva. Trudy TSIP, NIGMI no.5:16-27 '59.
Numerical prediction of vertical velocities in the atmosphere. M.I.[illegible], R.I.[illegible] Trudy GGO no.99: [illegible]-140 '59.
Principles underlying the study of some structural properties of wind regimes. I.D.Gutman. Trudy Sred. Az. nauch.-issl. gidrometeor. inst. no.2:65-81 '59
Vertical currents in the atmosphere over a thermally inhomogeneous surface. I.R.Arzanov. Trud. GGO no.99:107-112 '59.
Wind effect on the drift of logger type research ships. A.P.Chupakhin. Probl. Arkt. no.[illegible] '59

WINE—PHYSIOLOGICAL EFFECT
Biologically active substances in Soviet champagne and wine products [with summary in English]. I.I. Pittsalova and others. Vop. pitaniia 19 no.1 [illegible] '60

WINE AND WINE MAKING
Kartavchenko, P.K. [Grape and wine industry in the people's democracies] Vinogradno-vinodel'cheskaia promyshlennost' v stranakh narodnoi demokratii. Moskva, Goslitizdat, 1958. 17 p. (Zarubezhnaia [illegible])
New methods of preparing semisweet table wines. [illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.1: [illegible] '60

WINGS
Homology between the digits of a pterosaur wing and the forelimbs of other reptiles [with summary in English]. V.A.[illegible] Zool.zhur. 39 no.2:278-281 F '60.
What gives the wing its lifting power? V.Gorbov. Tekh. mol. 28 no.2:14-15 '60.

WINTER SPORTS
(see also subdivision under Minsk, Ural Mountain region)
In frost and cold everyone is young. I.Sarkizov Serazini. Sov.kras.krest 10 no.1:30-31 Ja F '60.
Winter games. V.Shorukhina. Sem'ia i shkola 15 no.2 47 F '60.

WINTER WARFARE
Military operations in northern regions during the winter. P.Fatov. Voen.vest. 39 no.12:23-27 D '59

WIRE—MAGNETIC PROPERTIES
Determining the magnetic susceptibility of fine wire made of weakly magnetic materials. O.N.Al'tgauzen, O.V. Lubetskaia, V.A.Sol'ts. Sbor.trud.TSNIICHM no.22: 160-167 '59.

WIRE—TESTING
Testing a very strong wire for relaxation. V.G.Cherkashin, T.N.Livchak. Zav.lab. 26 no.4:481-483 '60

WIRE DRAWING
Copper cobweb. D.Bilenkin. Izobr.i rats. no.4:14 Ap '60.
Efficiency of using cold-drawn wire. I.N.Nedovizii, A.I.Yarnavskii. Stal' 20 no.3:250-252 Mr '60
Speed of horizontal metal deformation during drawing. I.K.Suvorov. Izv.vys.ucheb.zav.; chern.met. no.5 68-71 '60.

WITNESSES
Misfortune caused by spies and informers as witnesses ("Spies and informers in the witness box" [in English] by D.N. Pritt. Reviewed by M.S.Strogovich). Sov.gos. i pravo no.5:154-156 My '60

WIVES
An ideal wife. V.Larbovalsia. Ogonek 38 no.10:30-31 Mr '60

WOLF CHILDREN see subdivision under India

WOLFF-PARKINSON-WHITE SYNDROME
Wolff-Parkinson-White syndrome. L.Sh.Mal'[illegible] Azerb.med.zhur. no.1:20-26 Mr '60.

WOLFRAMITE see subdivision under Transbaikalia

WOMEN
(see also subdivision under China; Egypt; Ethiopia; Germany, West; Kabardino-Balkar A.S.S.R.; Latin America; Portugal; South Africa, Union of; Uzbekistan; White Russia)
Brief reference note. Rab i sial. 36 no.3:3-4 [illegible] '60.
Club for women. Klub 9 no.3:63 Mr '60.
The 50th anniversary of International Women's Day. [illegible] 21 no.3:1 Mr '60.
Fiftieth anniversary of International Women's Day. N.I.[illegible] Vest. AN Kazakh.SSR 16 no.3: [illegible] Mr '60
Fiftieth anniversary of International Women's Day. Zhen.mira no.[illegible] '59.
The 50th anniversary of International Women's Day and the disarmament question were the center of attention at the meeting of the Council of the Women's International Democratic Federation. Ivonn Kiled. Zhen. mira no.1:[illegible] '59
The 50th anniversary of the International Women's Day is drawing nearer. Carmen Rossell. Zhen.mira no.10:6-7 '59
Glory be to women! Sem'ia i shkola 15 no.3:1 Mr '60
Heroines of our great time. N.V.Platonov. Rab.i sial. 36 no.2:16 F '60
International Women's Day. Sov.torg. 33 no.3:1 Mr '60
Light of a beautiful dawn. P.I.Andreeva. Nauka i rel. no.3:4-5 Mr '60.
The party calls you to new deeds! Sov. torg. 33 no.3:10-11 Mr '60
Women of a free country. Agitator no.11:40-41 Je '60.
Women of the Soviet Union. Sred.spets.obr. 7 no.3: [illegible]-11 Mr '60
Yesterday, today, tomorrow. J.M.Kolontova. Vsem. stud.nov. 11 no.2:18 F '60.
You should be proud to be called a Soviet woman. I.A. Bryl'. Rab.i sial. 36 no.3:1 [illegible] '60.

WOMEN—BIBLIOGRAPHY see Bibliography—Women

WOMEN—CONGRESSES
Congress of women of Western Africa. Sira Diop. Zhen.mira no.3:26 '60
International assembly of women on disarmament. Ivonn Kiled. Zhen.mira no.2:9-10 '60.
International meeting of women in Copenhagen will take place April 21-24, 1960. Zhen.mira no.3:6-7 '60.

WOMEN—DISEASES
"Women's diseases and their prevention" by S.D.Astrinskii. Reviewed by M.M.Shemshin-Parshina. Fel'd.i akush. 25 no.3:61-62 Mr '60.

WOMEN—EMPLOYMENT
(see also subdivision under Denmark; France; Germany, East; Italy; Korea, South; Mongolia; Salvador; United States)
At the building site of an oil refinery. O.Kistarau. Rab.i sial. 36 no.2:12 F '60.
Discussing the right of women to work, U.S.S.R., United Arab Republic. Olimpiada Nefedova, Samira [illegible] Zhen.mira no.3:20-12 '60.
Dispatcher Nadezhda Rusakova. V.Shiganov. Avt.transp. 38 no.3:11 Mr '60
Glorious daughters of our country. Mol.komm. no.3: 3-7 Mr '60.
Our famous friends. Sots.kul't. 13 no.3:13 Mr '60.
Our Soviet women. Part.zhizn' Kazakh. 30 no.3:17-19 Mr '60
Soviet woman is an active participant in the building of communism. D.Almazova. Vest.stat. no.3:[illegible]-21 '60.
Soviet women are active builders of communism. N.Tatarinova, E.Korabel'nikova. Sots.trud 5 no.3:4-12 Mr '60.
Women working at the "Kalibr" Plant. F.Konstantinova. Mashinostroitel' no.3:35-37 Mr '60

WOMEN—RIGHTS OF WOMEN
(see also subdivision under Austria, United States)
The years 1910-1960. E.Brink. Ogonek 38 no.10:6-7 Mr '60.

WOMEN AND PEACE

For peace on earth. M.P.Kryvanosau. Rab 1 sial 36 no 2 12 F '60

WOMEN AND RELIGION

Religion and women F Pritchina Agitator no 13 41-43 Il '60

Women and religion Nauka i rel no.3 8-11 Mr '60.

WOMEN AND SOCIALISM

Reader's letter from London. Nov.vrem. 18 no.21 27 My '60.

WOMEN AS ENGINEERS

Leading role of Soviet women in the expansion of highway construction in our country Avt dor 23 no 3 2-3 Mr '60.

WOMEN AS EXPLORERS

The first woman traveler in the Arctic regions. E.Letunova Zhen.mira no.12 28 '59.

WOMEN AS FARMERS see subdivision under Lyuban' District, Postavy District

WOMEN AS JOURNALISTS

High awards. Sov pech. no.4.51-52 Ap '60.

WOMEN AS MINERS

Guiding spirit of a workers' group IU Khobotov Mast ugl 9 no 3 24 Mr '60

WOMEN AS PHYSICIANS

A woman with a sympathetic soul, a sketch. F.B Zhdanova, Sred spets.obr. 7 no.3 47-48 Mr '60.

WOMEN IN AERONAUTICS

Honored woman pilot of our country M.Rebrov, V. Sokolov Kryl rod 11 no 3 10 Mr '60

Planes take off into the night M.Chechneva. Kryl.rod 11 no 3 16-18 Mr '60

Planes take off into the night (to be continued). M.Chechneva. Kryl.rod. 11 no.4 20-21 Ap '60.

Warm hearts and golden hands. N.Aleksandrova. Grazhd. av 17 no.3 13-14 Mr '60

WOMEN IN ART

We are your debtors. Z.I.Azhur. Rab.i sial. 36 no.2 11 F '60

WOMEN IN POLITICS

Women struggle for a better life. S.Hileuskaia. Rab.i sial. 36 no.2 10-11 F '60.

WOMEN IN PUBLIC LIFE see subdivision under Transcarpathia

WOMEN'S PERIODICALS

Editor's mail. Zhen.mira no 2 4-5 '60.

Editor's mail. Zhen.mira no 10.4-5 '59.

Editor's mail. Zhen.mira no.11 4-5 '59.

Editor's mail. Zhen.mira no.12 4-5 '59.

WOOD

Akademiia stroitel'stva i arkhitektury SSSR Institut stroitel'nykh konstruktsii [Guide for gluing wooden constructions and subassemblies by induction heating] Ukazaniia po vysokochastotnomu skleivaniiu derevlannykh konstruktsii i detalei Moskva, Gos.izd-vo lit-ry po stroit., arkhit i stroit.materialam, 1960, 44 p

WOOD—ANATOMY

Features of the microstructure of wood from the roots of certain conifers V.F.Vikhrov. Dokl.AN BSSR 4 no 2 74-77 F '60.

WOOD—CHEMISTRY

(see also subdivision under Komi A.S.S.R.)

At the Permanent Commission for the chemical processing of vegetable materials by the hydrolysis method. Gidroliz i lesokhim prom. 13 no.2 31-32 '60.

Determination of reducing agents in hydrolyzates. A.V. Ablov, D G.Batyr Gidroliz i lesokhim prom 13 no 2 7-10 '60

Distribution of tarry matters in the solution outside and inside the chips during *extraction by solvents*. *I. P. Ko*lenko, V.N.Kozlov. Trudy Inst.khim.UFAN SSSR no.5: 3-23 '59.

Distribution of the constituents of wood-chemical creosote in a system of immiscible organic solvents. G.M IUdkovich. Gidroliz i lesokhim prom 13 no.2 13 '60

Formation of the main products of wood pyrolysis. V.N. Kozlov, N.I.Koroleva. Trudy Inst.khim.UFAN SSSR no.5:37-48 '59.

Increasing the functionality of coupled *phenols isolated* from creosote oil obtained in the thermolysis of beech wood I V Smolanka, G.S Chekriy. Gidroliz.i lesokhim. prom 13 no.2 11-12 '60

Modernization of the equipment and mechanization of labor-consuming work at the Krasnoyarsk hydrolysis plant. N I Sushko Gidroliz.i lesokhim prom. 13 no.2 14-15 '60

Shitaeva, V.N. [Wood chemistry industry from 1959 to 1965] Lesokhimicheskaia promyshlennost' v 1959-1965 gg Moskva, Gosplanizdat, 1960 97 p

WOOD—CHEMISTRY—BIBLIOGRAPHY see Bibliography—Wood—Chemistry

WOOD—MOISTURE

Determining the content of moisture in wood on continuous production lines using gamma rays. B.K.Lakidosh. Trudy RISI no.15 73-83 '58.

Effect of cyclic actions of surrounding media on the strength of wood. E.I.Lysenko Trudy RISI no 15 85-92 '58.

WOOD—PRESERVATION

Effectiveness of sodium fluoride for mine timber preservation M.A.Komissarov. Ugol' Ukr. 4 no.3:30-31 Mr '60.

Preservation of poles by use of a method which involves long-term soaking A.I Nikanorova, N A Mikheev Vest sviazi 20 no 3 7-8 Mr '60

Protective processing of ties on Soviet railroads. P.S. Pushkin Sbor.LIIZHT no 166 127-138 '59.

WOOD, COMPRESSED

Akademiia stroitel'stva i arkhitektury SSSR. [Manufacture of wood fiber blocks in Russian plants] Opyt proizvodstva drevesno-voloknistykh plit na otechestvennykh predpriiatiiakh Moskva, TSentr biuro tekhn. informatsii bumazhnoi i derevoobrab.promysht. TSINISIA, 1959, 35 p.

Effect of the pitch of poplar wood fibers on creep deformation under compression A.S.Sogoian. Izv.AN Arm. SSR Ser.tekh.nauk 12 no 6 57-59 '59.

Increasing the water resistance of particle board N P. Kashirin Stroi mat 6 no 2 20 F '60

Making chipboards without the use of binding materials F I Koperin Les prom 38 no 2 25 F '60

Minin, A. N. [Manufacture of compressed waste-wood products and materials] Proizvodstvo izdelii i materialov iz izmel'chennoi drevesiny pressovaniem. Minsk, Gos.izd-vo BSSR, Red.nauchno-tekhn lit-ry, 1960. 181 p.

Press for making door panels. Rats.i *izobr.predl.*v stroi. no.13 110-111 '59.

WOOD ALCOHOL—ANALYSIS

Detection of methyl alcohol in biological material by the reaction of the formation of methyl ester of salicylic acid S.B.Novikov. Sud.-med.ekspert. 2 no.2.20-*23 Ap-Je '59.*

WOOD CARVING, UKRAINIAN

M.T.Tymkiv, a wood carver. A.F.Budzan. Nar.tvorch. ta etn 3 no.4,83-90 O-D '59.

WOOD-DECAYING FUNGI

Spectrophotometric characteristics of a crystalline carbonyl compound isolated from the pigment complex of the fungus Inonotus obliquus A.N.Shivrina, E.V. Loziagina, E G. Platonova Dokl AN SSSR 132 no 6 1444-1447 Je '60

Stalactite fungi. Priroda no.6 107 Je '60.

WOOD TAR

Improving the production of birchbark tar R.I.Kharchenko, E.K TSaregradskii Gidroliz i lesokhim prom. 13 no 2 12-13 '60.

Making fine chips of tar-impregnated wood for the wood resin industry. N A.Gurich Gidroliz i *lesokhim.* prom. 13 no 2 10-11 '60

Wood tar, its properties and *uses. V.N.Kozlov, V.B.* Smolenskii. Trudy Inst.khim.UFAN SSSR no.5:25-35 '59.

WOOD-USING INDUSTRIES see subdivision under Karelia

WOOD-USING INDUSTRIES—EQUIPMENT AND SUPPLIES

Design of pneumatic transportation units with two evacuation fans. S.N.Sviatkov, N.A.Shtennikova. Der.prom. 9 no.3:12-13 Mr '60.

WOOD WASTE

Door leaves made of pressed sawdust. V.N Petri, I.P. Permikin Stroi mat 6 no.2 19 F '60

Technology of making finishing details using *sawdust.* N M Ledentsov Stroi.i arkhit Len 22 no.2,29-30 '60

WOODEN BEARINGS

Using bushings made of lignophol in sliding bearings. *E.O.Blum.* Sbor.nauch.trud.Bel.politekh.inst no.75 48-51 '59.

WOODEN BUILDING see Building, Wooden

WOODPULP

Chemigroundwood is a valuable semiprocessed product for paper industry. I.Z.Veregitin. Bum.prom 35 no.1 8-12 Ja '60

Continuous cooking of sulfate pulp. D.G.Viatkin. Bum. prom. 35 no.2:18-21 F '60.

Foreign trade of the U.S.S.R. in woodpulp and paper goods. N.A.Lur'e. Bum.prom. 35 no 3.24-26 Mr '60

Improvement of the quality of bleached *sulfite pulp. F.P.* Komarov Bum.prom 35 no 3:4-8 Mr '60.

Industrial layout for a cord pulp factory B.A.Smirnov. Bum.prom. 35 no.1.4-8 Ja '60.

New book on the technology of woodpulp and paper production D.M.Fliate. Bum prom 35 no 1:29 Ja '60.

Production of bleached semichemical pulp from flax wastes. V.N.Gritsuliak. Bum.prom. 35 no.2:24-26 F '60.

Production of sulfate pulp from lumbering wastes. I.S. Ivanova. Bum.prom. 35 no.2:13-15 F '60.

WOODPULP—BIBLIOGRAPHY see Bibliography—Woodpulp

WOODPULP INDUSTRY

(see also subdivision under Hungary)

Woodpulp and paper industry in 1960 Bum.prom. 35 no.1 2-3 Ja '60.

WOODPULP INDUSTRY—BY-PRODUCTS

Expand in every way the production of sulfite distilling wash concentrates. M.I.Mikhailov Gidroliz.i lesokhim prom 13 no.2 1-4 '60.

WOODPULP INDUSTRY—CONGRESSES

Conference and seminar on the quality control of production. Bum.prom 35 no 1.28 Ja '60.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Dalnkhna)

Conference on the problems related to the lining of digesters. B.I.Karantbaivel'. Bum.prom. 35 no.2: 31 F '60.

Interfactory school for the exchange of experience. M.M.Kopantsev. Bum.prom. 35 no.2:30-31 F '60.

WOODWORK

Production flowsheets for dry rough stock to be used in furniture manufacture. S.M.Lashchaver. Der.prom. 9 no.2,11-12 F '60

WOODWORK—BIBLIOGRAPHY see Bibliography—Woodwork

WOODWORK—TABLES, CALCULATIONS, ETC.

Analytical method for calculating allowances in manufacturing subassemblies from wood. V.A.Kulikov. Der. prom. 9 no.3:6-8 Mr '60.

WOODWORKING INDUSTRIES see subdivision under Kotka, Finland; Rostov Province; White Russia

WOODWORKING INDUSTRIES—SAFETY MEASURES

Shortcomings in the textbook on safety engineering ("Safety engineering and fire prevention at sawmills and woodworking enterprises" by I.I.Simson. Book review) Les prom 38 no.2 31 F '60

WOODWORKING INDUSTRIES—VENTILATION

Designing exhaust systems having mains with constant cross sections. G.IA.Traitel'man. Der.prom. 9 no.2:18 F '60.

WOODWORKING MACHINERY

Automatic flow-line equipment for processing straight barlike wooden details Rats.i izobr predl v stroi no 14 23-25 '60.

Automatically controlled unit for precision manufacturing of mortises. A.I.Iankov, P.K.Parfenov. Der.prom. 9 no.2 5-7 F '60.

Centering device for the SV-12 mortising machine. B.G. Karpovich. Der.prom. 9 no.3:22 Mr '60.

Combined machines for preparing and assembling shields *Rats i izobr.predl v stroi* no.14:25-27 '60.

Improving the cutting disks for cutting joiner's pins. Rats.i izobr.predl.v stroi. no.13:115 '59.

Modernized plane for cutting end pieces. Rats.i izobr. predl.v stroi. no.13:112-115 '59.

New woodworking machinery. IU.S.Godik. Der.prom. 9 no.3:15-16 *Mr '60.*

The ShO-10A1 one-way tenon-cutting machine. N.I. Gudzon Biul.tekh-ekon inform. no.2 25-27 '60

Semiautomatic machine for grooving recesses for locks and handles of window casements. A.N.Maksin. Der. prom. 9 no.2 25 F '60.

WOODWORKING MACHINERY—*SAFETY APPLIANCES*

Improved standard safety guards. I.I.Simson. Der. prom. 9 no.2.13-14 F '60.

WOODY PLANTS

Morphogenesis of woody plants and paths of morphological *evolution from trees to grasses* [with summary in English]. V.N.Golubev. Biul.MOIP.Otd.biol. 64 no 5.49-60 *S-O* '59.

WOOL

Dependence of goat wool on skin development. G.G.Zelenskii. Trudy Inst.morf.*zhiv. no.31:140-157* '60.

Effect of different feeding of ewes on the density of wool of semicoarse-wool hybrid lambs. K.I.Maslova. Trudy Inst morf.zhiv. no.31:134-139 '60.

Hair shed by animals is a valuable material. M.Borisova. Sov.potreb.koop. 4 no.2.24 '60.

WOOL—TESTING

Rapid determination of moisture content in textile materials. L.A. Luvishis, N.A. Semina. Standartizatsiia 24 no.3:39-40 Mr '60.

WOOL INDUSTRY

Three hundred and fifty thousand tons Agitator no 11 17 Je '60

WOOLEN AND WORSTED MANUFACTURE

New method for mixing fiber materials. A.V. Rezviakov. Tekst.prom. 20 no 2,32-36 F '60.

WOOLEN AND WORSTED SPINNING

Optimum operating parameters of the drawing apparatus introduced by the Central Wool Research Institute in the processing of mixtures containing staple fibers. Chou T'i-ch'eng. Izv. vys. ucheb. zav., tekh. tekst. prom. no 1;78-85 '60.

WORD GAMES

Grammatical games. L.A Bilatenko. Rus iaz. v shkole 21 no 2-87-80 Mr-Ap '60

WORK

Changing nature of work owing to technological progress during large-scale building of communism. V.IA. Suslov. Uch. zap. kaf. obshchestv nauk vuz. g. Len. no. 2;3-29 '60.

He who does not work shall not eat. N. Kondakova. Agitator no. 5-13-16 Mr '60.

Inculcate the communist attitude toward work. P.S. Leibengrub. Prep. ist. v shkole 15 no. 2 55-67 Mr-Ap '60.

Let's spread information about the movement for communist attitudes toward work. V. IAgodkin. Kommunist 37 no. 11·121-122 Jl '60.

Problems of work and rest schedules. N. Kalinina. Biul. nauch. inform.: trud i zar. plata 3 no. 6;49-53 '60.

Ways to overcome fundamental differences between intellectual and manual work. S.V. Stepanov. Uch. zap. kaf obshchestv. nauk vuz. g. Len. no. 2;56-84 '60.

Ways to overcome fundamental differences between intellectual and manual work in the period of large-scale building of communism O. Mamalui, O. Ruban. Ekon Rad. Ukr. no. 1 39-10 Ja-F '60.

WORK, METHOD OF

Work capacity of mentally deficient persons and their attitude toward work as shown by data of occupational therapy. O.Kh. Suncheleev. Uch. zap. LGU no. 287. 112-122 '60.

WORK CLOTHES

New books Prom. koop. 14 no. 4·39 Ap '60.

WORKS COUNCILS

In the struggle for technological progress and increase of labor productivity. I. Moshchuk, V. Vasiutovich Sots. trud 5 no. 1.115-120 Ja '60.

Owners of production. Sov. profsoiuzy 16 no. 8;42-43 Ap '60.

What was the reason for creating technical commissions at the plants. N. Petrov. Otv. na vop. trud. no. 100: 25-29 '59.

WORLD COUNCIL OF CHURCHES

Why was the World Council of Churches created? Nauka i rel. no. 3·71-72 N '59.

WORLD FEDERATION OF TRADE UNIONS

Appeal of the World Federation of Trade Unions to the trade-union members and all workers of the Federal Republic of Germany. Vsem. prof. dvizh. no. 5.16-17 My '60.

Congress of international unity. Leonid Soloviev. Vsem. prof. dvizh. [no. 6]·6-8 Je '60.

How the World Federation of Trade Unions was born. Vicente Lombardo Toledano. Vsem. prof. dvizh. [no. 6]:3-6 Je '60.

World Federation of Trade Unions protests the policy of repressions in South Africa. Vsem. prof. dvizh. no. 5: 21-22 My '60.

WORLD HEALTH ORGANIZATION

World Health Organization. Vrach. delo no. 3·325-328 Mr '60.

WORLD POLITICS

The aggressors will not evade responsibility. Sovr. Vost. no. 6;3-4 Je '60.

"Ah world, good luck!" Mario Barlona. Mol. mira. no. 12:1 '59.

Appeal of the Presidium of the World Peace Council V zashch mira no. 6 2-4 Je '60

Appeal to world youth. Mol. mira no. 10·1 '59.

Be alert! P. Buniakov Agitator no. 12 28-33 Je '60

The breakdown of the summit conference, antecedents, conclusions and lessons. M. Marinin. Mir. ekon. i mezhdunar. otn. no. 6·15-30 Je '60

Bright prospects or a serious danger--youth makes its choice. Mol. mira no. 10·4-5 '59.

Charlatanry and saboteurs ("Ideology and coexistance" [in English]. Reviewed by L. Sedin). Nov. vrem. 18 no. 27;28-30 Jl '60.

Confessions of Anthony Eden ("Memoirs" by Sir Anthony Eden. Reviewed by G. Bondarevskii) Sovr. Vost no. 6,59-61 Je '60.

Eighty seven million young men and women talk about their struggles and hopes Mol mira no 10 21-24 '59.

The era of discoveries and expectations. Mario Rossi. Mol. komm. no. 3 114-117 Mr '60.

The fifteenth anniversary of Victory Day. G. Lekomtsev. Agitator. no. 8 7-11 Ap '60.

For negotiations and against the policy of threats and aggression B V Petrovskii V zashch mira no 6 5-6 Je '60

Forces of peace will triumph M Sychev Agitator no 12 14-18 Je '60

In behalf of the Soviet people. Nov. vrem. 18 no. 21:9 My '60.

International day of solidarity of youth against colonialism and for peaceful coexistence. Mol. mira no 1 5 '60.

Look into the future. Nov. vrem. 18 no. 24·2-3 Je '60.

Loss of face. Sovremennik. Nov. vrem. 18 no. 26·4-5 Je '60.

May is the month of hope. Ogonek 38 no. 18 4-5 My '60.

The military aspects of coexistence. N. Talenskii. Mezhdunar zhizn' 7 no. 7;85-90 Jl '60.

Nikhamin, V.P., ed. [International relations and the foreign policy of the Soviet Union, 1950-1959] Mezhdunarodnye otnosheniia i vneshniaia politika Sovetskogo Soiuza, 1950-1959. Moskva, Izd-vo In-ta mezhdunar otnoshenii.
Pt. 1. 1960. 223 p.

Off to a good start ("International political and economic yearbook for 1959." Reviewed by V. Kaie). Mezhdunar zhizn' 7 no. 6 149-150 Je '60.

The past and the present of the "cold war." G. Dad'iants Mezhdunar zhizn' 7 no 6 6-14 Je '60

Peace is achieved by struggle. V. Korionov. Agitator no. 7;21-24 Ap '60.

The policy of strength before the judgment of the world. V. Korionov. Nov. vrem. 18 no. 21;6-8 My '60.

A policy of treachery. Mezhdunar. zhizn' 7 no. 6·3-5 Je '60

The present-day situation; conclusions and prospects. A. Sovetov. Mezhdunar. zhizn' 7 no. 7.8-17 Jl '60.

Reason against madness; resolution adopted by a meeting of Moscow philosophers [with summary in English, p 182] Vop. filos. 14 no. 6·14-15 '60

Revolutionary festival of progressive forces; material for lectures and discussions on May 1st. K. Zarodov. Agitator no. 7;3-10 Ap '60.

Speeches from the tribune of the assembly. Mol. mira no. 10 8-11 '59.

The struggle between two ideologies and the "cold war." Sh. Sanakoev. Mezhdunar. zhizn' 7 no. 7.81-85 Jl '60.

Struggle for peace and social progress. A. Balmashnov. Sov. profsoiuzy 16 no. 8,28-31 Ap '60.

The struggle for peace continues with renewed energy. G. Schaffer. Sov. profsoiuzy 16 no. 12·52-54 Je '60.

Students look into the problems of underdeveloped and colonial countries. Andre Kirchberger. Mol. mira no. 10 19-20 '59.

What happened in Paris. N. Sergeeva. Nov. vrem. 18 no. 21·3-6 My '60.

The word of world youth in Geneva. Mol. mira no. 9·14 '59.

World events. Nov. vrem. 18 no. 21;32 My '60.

World events. Nov. vrem. 18 no. 24:32 Je '60.

World events. Nov. vrem. 18 no. 26:32 Je '60.

World events. Nov. vrem. 18 no. 27·32 Jl '60.

"A world of lies, corruption and deceit." Mezhdunar zhizn' 7 no 6·124-125 Je '60

"A world without arms and without wars." Agitator no. 8. 52 Ap '60.

WORLD WAR, 1939-1945

(see also subdivision under Austria; Czechoslovakia, Great Britain, Ossetia)

The "Beard's unit. IU Strekhnin. Sov mor. 20 no. 12· 17-19 Je '60

The fifteenth anniversary of Victory Day. G. Lekomtsev. Agitator. no. 8 7-11 Ap '60.

"For the liberation of Czechoslovakia", a history of the Czechoslovak military detachments in the U S S R during the period of the Second World War. Vol 1 [in Czech]. Reviewed by M N Semiriaga. Vop. ist no 6 165-167 Je '60.

Moscow. Institut Marksizma-leninizma. [The history of the Great Patriotic War of the Soviet Union, 1941-1945 in six volumes] Istoriia Velikoi Otechestvennoi voiny Sovetskogo Soiuza, 1941-1945 v shesti tomakh. Red. komissiia. Pospelov, P.N., i dr. Moskva, Otdel istorii Velikoi Otechestvennoi voiny.
Vol. 1. [Preparation and unleashing of the war by the imperialist powers] Podgotovka i razviazyvanie voiny imperialisticheskimi derzhavami. 1960. 530 p.

Pavlenko, N.G., ed. [Defeat of German imperialism in the Second World War; articles and documents] Porazhenie germanskogo imperializma vo Vtoroi Mirovoi voine; stat'i i dokumenty. Moskva, Voen. Izd-vo M-va obor. SSSR, 1960. 289 p.

Runner B Zasukhin Voen znan 36 no 6 21-22 Je '60

Safonova, IE.V., and M.Z. Danyliuk. [Communist Party, the inspirer and organizer of the victory of the Soviet people in the Great Patriotic War, June 1941-1945; materials to aid the study of the CPSU] Komunistychna partiia, natkhnennyk i organizator peremohy radians'koho narodu v Velykii Vitchyznianii viini, cherven' 1941-1945 rr., materialy na dopomohu vyvchaiuchym istoriiu KPRS. [Kyiv] Vyd-vo Kyivs'koho univ., 1958. 146 p.
(MII)

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Airborne infantry. I. Lisov. Kryl. rod. 11 no. 4:22-24 Ap '60.

Before a decisive attack. S. Krasovskii. Kryl. rod. 11 no 2·18-19 F '60.

Comradeship sealed with blood. S. Andreev Kryl rod. 11 no 3·14-15 Mr '60

History comes alive on the screen. S. Morozov. Ogonek 38 no. 12·7 Mr '60.

Near Ilmitsa lake. I. Dergunov. Kryl rod 11 no. 3·11 Mr '60

Planes take off into the night (to be continued). M. Chechneva. Kryl. rod. 11 no 4·20-21 Ap '60.

WORLD WAR, 1939-1945—ATROCITIES

Eichmann and others. Nov. vrem. 18 no. 24:21-22 Je '60.

WORLD WAR, 1939-1945—BIBLIOGRAPHY see Bibliography—World War, 1939-1945

WORLD WAR, 1939-1945—CAMPAIGNS

Andronikov, L.N., K.E. Komarov, and A.N. Ratnikov. [Indissoluble friendship; struggle of the Soviet and Bulgarian peoples against common enemies] Nerushimaia druzhba, bor'ba narodov SSSR i Bolgarii protiv obshchikh vragov. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 114 p.

WORLD WAR, 1939-1945—CHILDREN

Their rejoining H Nikolenko Ukraina no 5 8 Mr '60

WORLD WAR, 1939-1945—COMMUNICATIONS

In a Hungarian physician's family M Fortus Zdorov'e 6 no 5 10 My '60

WORLD WAR, 1939-1945—CONSCRIPT LABOR

Old friends. Ul. Miazhevich. Belarus' 17 no. 3:18-19 Mr '60.

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Documents on Allen Dulles' secret negotiations with the Nazis in 1943 Nov. vrem 18 no. 27;12-19 Jl '60

WORLD WAR, 1939-1945—FICTION

Eternally great. I. Kozlov. Moskva 4 no. 1·208-217 '60

WORLD WAR, 1939-1945—HISTORIOGRAPHY

Komissiia istorikov SSSR i GDR. [Problems in the history of the Second World War; report of the proceedings of a scientific session in Leipzig from November 25 to November 30, 1957. Reports and discussions on the theme Main trends in reactionary historiography of the Second World War] Problemy istorii Vtoroi Mirovoi voiny, protokol nauchnoi sessii v Leiptsige s 25 po 30 noiabria 1957 goda. Doklady i diskussii po teme: Vazhneishie napravleniia v reaktsionnoi istoriografii Vtoroi Mirovoi voiny. Red. kollegiia L. Shtern i dr. Moskva, Izd-vo inostr. lit-ry, 1959. 436 p.

WORLD WAR, 1939-1945—MANPOWER

Changes in the composition of the Soviet Union's industrial labor force during the Great Patriotic War V B Tel'pukhovskii Vop ist no 6 27-42 Je '60

WORLD WAR, 1939-1945—NAVAL OPERATIONS

The account is open M Chuprikov. Voen znan 36 no 6 20-21 Je '60

Ermolaev, V.K., and A.V. Konovalov. [Heroes of the "Oka"; battle career of a mine layer] Geroi "Oki"; boevoi put' minnogo zagraditelia. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 78 p.

Lockwood, Charles A. [Sink'em all. Translated from the English. Preface by A.I. Rodionov] Topi ikh vsekh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 398 p.

One second. G.I. Shchedrin. Sov. mor. 20 no. 9·5-6 My '60.

Speed, precision, and mastery. G.I. Shchedrin, V. Konovalov. Sov. mor 20 no 12 15-16 Je '60.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

From Orel to Berlin. M. Sinitsyn. Za rul. 18 no. 2:4-5 F '60.

Reminiscences. A. Muzyrya. Vsem. stud. nov. 14 no. 2: 18-19 F '60.

Two meetings in Nachod. G Kofman. Ogonek 38 no. 19· 27 My '60.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS

Behind the mirror. Vl. Illesh. Sov. Soiuz. no. 5 42-43 '60.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN

Bondarets, V. L. [Prisoner of war, a captain's notebook] Voennoplennye, zapiski kapitana. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960 286 p.

Evstigneev, G V [Flight to freedom] Polet na svobodu Moskva, Gos izd-vo polit lit-ry, 1960 76 p

WORLD WAR, 1939-1945—TRANSPORTATION

Soviet railwaymen during the years of the Great Patriotic War G A Kumanev Vop ist no 6 43-59 Je '60

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

see subdivision under France, Krasnodon, Lyuban' District

WORMS

Effect of temperature on the intensity of respiration of certain phytohelminths [with summary in English] N. M Ladyhina Dop AN URSR no 2 228-231 '60

WORMS, INTESTINAL AND PARASITIC

(see also subdivision under Black Sea region, Ukraine)

Dermato-allergic and serological reactions with full-value antigens in some types of helminthiasis L. F Strugatskaia Med zhur Uzb no 7 31-34 Jl '58

Elimination of helminthiasis in school children IU G Trifonov, V B Grigorov Zdrav. Belor 3 no 10 61-62 O '57

WOUNDS

(see also subdivision under Moldavia)

Characteristics of the changes in wound areas and at the site of former injury in secondary vitamin C deficiency A A Korovin Zdravookhranenie 2 no 6:28-32 N-D '59

Disorders of the intestine following traumas. B. M. Rivkind Trudy Len. gos nauch -issl inst. travm i ortop no 7:318-323 '58

Influence of the nervous system on the healing of wounds M. S. Aronov. Med. zhur. Uzb no. 10:45-47 O '58.

Late primary debridement of infected wounds [with summary in English]. V. V. Chaplinskii. Khirurgiia 35 no 12 79-82 D '59.

"Some questions in the problem of pain in traumatology and orthopedics" by D. A Novozhilov. Reviewed by S. F Godunov. Khirurgiia 35 no 12 112-114 D '59

WOUNDS—JURISPRUDENCE

Capacity for action following fatal injuries. S. F. Sirota. Sud.-med ekspert. 2 no 2,52-53 Ap-Je '59

WRESTLING

Training young wrestlers. V S Dakhnovskii, V V Mikhailov A A Novikov Teor. i prak fiz kul' 23 no 6 431-436 '60.

WRITING—IDENTIFICATION

How to choose handwriting specimens. V. V. Tomilin. Sov krim na sluzh. sled no. 12 128-133 '59.

WRITING—MATERIALS AND INSTRUMENTS

From tree bark to magnetic tape Mike Anderson V zashch mira no 6 90-96 Je '60

X-RAY CRYSTALLOGRAPHY

Cameras and devices for studying the texture of coarse-grained test samples. M. M. Borodkina. Zav. lab. 26 no. 4:491-494 '60.

X-ray investigation of the reduction processes of certain ferrates. V. N. Bogoslovskii. Fiz. met. i metalloved 8 no 6 857-860 D '59.

X-RAY SPECTROSCOPY

Use of X-ray spectroscopy in determining inclusions in steel. IU. P. Kurdinovskii. Trudy MATI no. 41:54-57 '59.

X-ray K spectras of chromium absorption in silicides. S. A. Nemnonov, A. Z. Men'shikov. Fiz. met. i metalloved. 9 no. 3:385-389 Mr '60.

X RAYS

Dynamic theory of the interference of X rays for a finite crystal P. A. Bezirganian Dokl AN Arm. SSR 29 no 5:223-230 '59.

Probe characteristics of X-ray induced conductivity of CdS single crystals. S. V. Starodubtsev, O. R. Niiazova. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk no. 1:40-46 '60.

X RAYS—DIFFRACTION

X-ray method of determining residual austenite by means of a gradual softening of reference lines. B. A. Brusilovskii. Met. i metalloved. no. 2:34-46 '59.

X RAYS—EQUIPMENT AND SUPPLIES

Diaphragms giving total internal reflection of X rays. E. A. Mamontov. Zav. lab. 26 no. 4:496-497 '60.

Improved rotary chair for GUT-Co-400 equipment. I. A. Pereslenin, I. I. Kornev, I. M. Parshin. Vest. rent. i rad. 35 no. 1,50-51 Ja-F '60.

Low temperature X-ray camera. V. R. Golik. Zav. lab. 26 no 3:364-365 '60.

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [X-ray apparatus and equipment] Rentgenovskaia apparatura i armatura Izd. ofitsial'noe Moskva, Gos. izd-vo standartov, 1960. 73 p. (Gosudarstvennye standarty SSSR)

X-ray camera for producing radiograms of two samples at small angles L. B. Nepomniashchii V. I. Sushan, I. V. Trushunova. Zav lab. 26 no. 1,198-199 '60

X RAYS—PHYSIOLOGICAL EFFECT

Change in certain functions of the damaged spinal cord in irradiated turtles I S Gezalian Dokl AN Arm. SSR 30 no. 2,121-124 '60

Changes in the rest potential of the heart muscle in X-irradiated rats E N Goncharenko Vest Mosk un Ser biol , pochv , geol , geog 14 no 4:13-16 '59

Comparative estimation of the damaging effect of ionizing radiation on heredity in mice and drosophilae [with summary in English] N. I. Shapiro and others. Zhur. ob. biol 21 no. 2 104-112 Mr-Ap '60

Differences in the radiosensitivity of desoxyribonucleoproteins and DNA [with summary in English] P I Tseitlin and others Biokhimiia 25 no. 1,129-134 Ja-F '60

Dynamics of the chiasmal syndrome following X-ray treatment of tumorous and inflammatory processes in the ciliary zone F A. Khalfina, I. S Rozentsveig Oft. zhur. 12 no. 5 282-287 '57

Effect of total X irradiation on the activity of acid and alkaline phosphatases in rat brain, liver, and spleen L. F. Pomazanskaia. Dokl. AN SSSR 132 no. 5:1197-1200 Je '60.

Intermediate nucleotide metabolism in the normal and X-irradiated [with summary in English] G A. Kritskii, V A. Kopylov Biokhimiia 25 no. 1:34-42 Ja-F '60

Metabolism of labile phosphorus compounds in the brain during total-body X-irradiation. L. S. Cherkasova, V. G Remberger. Dokl AN BSSR 4 no. 3 129-131 Mr '60.

X RAYS—THERAPEUTIC USE

Bucky rays in dermatology. P. S. Ivanov. Med. sestra 10 no 4 32-33 Ap '60.

Clinical and radiographic examination of women within a period of five years or more, following intensive radiotherapy for cancer of the cervix uteri [with summary in English]. E. P. Ivanitskaia, L. I. Pavlova. Vest. rent. i rad. 35 no. 1 39-42 Ja-F '60.

Late results of the treatment of myasthenia gravis by irradiation of the thymus with X rays and surgery of the resulting radiation ulcer [with summary in English]. M. A. Merkova, N. P. Mordvinova, E. B. Golland Vest. rent. i rad. 35 no. 1 15-47 Ja-F '60.

Metastatic spreading in the presence of the combined action of X rays and hypothermia [with summary in English] Vrach delo no 1:7-11 '60

Method for the treatment of pararectal fistulae [with summary in English]. A. V. Serkina, A. A. Shneidman. Vest. rent i rad. 35 no. 1 43-45 Ja-F '60.

XANTHINE

Syntheses in the series of isoxanthine derivatives Part 2 Some amino acid derivatives of methylated xanthine and isoxanthine E S Chaman, A A Cherkasova, E S Golovchinskaia Zhur ob khim 30 no 6 1878-1884 Je '60

XANTHINE OXIDASE

Condition of the periodontium and dehydrogenase and xanthine oxidase activity in rat livers in vitamin E deficiency. N. F. Danilevskii, K. N. Veremeenko, IU. V. Khmelevskii. Probl. stom. 4:65-72 '58.

Effect of protein deficiency on the activity of xanthine oxidase and aldehyde oxidase in tissues of healthy and tumorous rats [with summary in English]. V. P. Korotkoruchko, T M Pechenova. Ukr biokhim. zhur 32 no. 3 346-357 '60.

XANTHOPHYLLITE

Space group and parameters of the brandizite crystal lattice [in Azerbaijani with summary in Russian]. IU. A. Akhundov, , Kh. S. Mamedov. Azerb khim. zhur. no. 1. 31-33 '59.

XENON

Factors affecting the destruction of tungsten anodes at a heavy current discharge in xenon. R. E. Rovinskii, IU. M. Nikitenko. Radiotekh. i elektron. 5 no. 6:994-1000 Je '60.

XEROGRAPHY

Direct recording paper coated with semiconductor emulsions. IA. Kiselev. Nauka i zhizn' 27 no. 2:66 F '60.

XEROPHYTES

Adaptation of plants to drought. V. P. Goloskokov. Priroda no. 6 108 Je '60.

XYLENE

Catalytic isomerization of meta-xylene in the presence of coke-oven gas under pressure. I. I. Eru, A. A. Lange, V. A. Timoshenko. Koks i khim. no. 3,51-53 '60.

Liquid phase oxidation of xylene isomers by atmospheric oxygen [in Azerbaijan with summary in Russian]. N. M. Seidov, A. A. Bakhshi-zade, S. D. Mekhtiev. Azerb. khim. zhur. no. 1:23-29 '59.

Production of xylenes by the catalytic processing of the gas condensate in the presence of toluene. IU. G. Mamedaliev and others. Azerb. khim zhur. no. 2:3-15 '59.

Results of investigating the absorption of ultrasonic waves in certain liquids and mixtures A. A. Berdyev and others Trudy Inst fiz i geofiz AN Turk SSR 5: 137-145 '58

Using azeotropic rectification for separating isomers having their boiling points close to each other (system m-xylene - p-xylene) IU N Garber, S I. Zelenevskaia G G Rabukhina Zhur prikl. khim 33 no 3 694-700 Mr '60.

YAKUTIA—AGRICULTURE

The collective farmers of Yakutia adopt the experience of Ryazan Province N Ignat'ev Part zhizn' no 12 15-18 Je '60

YAKUTIA—AGRICULTURE—STATISTICS

Akademiia nauk SSSR. IAkutskii filial, Yakutsk. [Materials on the economics of the agriculture of Yakutia] Materialy po ekonomike sel'skogo khoziaistva IAkutii. Moskva, Izd-vo Akad. nauk SSSR, 1957. 166 p.
(DBC)

YAKUTIA—BIRDS

Material on the species and ecology of birds in the Lena-Khatanga area; based on collections and observations of A A. Romanov, V M. Sdobnikov. Trudy Inst. biol. IAF AN SSSR no. 6:119-141 '59.

Some ornithological observations in central Yakutia O N Shubnikova, IU. V Morozov Biul MOIP Otd biol 64 no 5 112-141 S-O '59

YAKUTIA—FOLK LITERATURE

Educational ideas in the folk literature of Yakutia. V. I. Afanas'ev. Sov. pedag. 24 no. 3 120-125 Mr '60.

YAKUTIA—FROZEN GROUND—MAPS

Representation of certain relief forms of Yakutia. P. V. Skuryglna, T N Tiukhanova Geod i kart. no 2:35-37 F '60.

YAKUTIA—GARNET

Garnets of the grossularite-andradite composition from Timpton phlogopite deposits (southern Yakutia). V. A. Galiuk. Izv. vys ucheb. zav. ; geol i razv 2 no 11: 42-49 N '59

YAKUTIA—GEOLOGY

Geology of northeastern Yakutia. A. V. Zimkin. Trudy IAFAN SSSR. Ser. geol no. 4:3-28 '59.

YAKUTIA—IRON ORES

Serdiuchenko, D. P., and others. [Iron ores of southern Yakutia, geology, mineralogy, genesis and industrial importance] Zheleznye rudy IUzhnoi IAkutii; geologiia, mineralogiia, genezis i promyshlennoe znachenie Moskva, Izd-vo Akad. nauk SSSR, 1960. 510 p.

YAKUTIA—LARCH

Effect of the white hare on the reproduction of larch forests in central Yakutia [with summary in English]. L G Dinesman Biul MOIP. Otd biol 64 no 5 17-25 S-O '59

YAKUTIA—OWLS

Material on the ecology and economic importance of the eagle owl in Yakutia. O. V. Egorov, IU. V. Labutin. Trudy Inst. biol. IAFAN SSSR no. 6 106-118 '59.

YAKUTIA—RUSSIAN PERIODICALS

Interpretation of practical work Part zhizn' no. 13 73-76 Jl '60

YAKUTIA—SABLES

Former distribution and numbers of sable in Yakutia. V. A. Tavrovskii. Trudy Inst. biol. IAFAN SSSR no. 6 57-75 '59.

Some questions of the geographical variation in sables and the systematic position of sables in Yakutia. V. A. Tavrovskii. Trudy Inst. biol. IAFAN SSSR no. 6:76-86 '59.

YAKUTIA—SAND DUNES

Aeolian relief forms in central Yakutia. I. I. Nevlazhskii, R. A. Bidzhiev. Izv. AN SSSR. Ser. geog. no. 3,90-95 My-Je '60.

YAKUTIA—SQUIRRELS

Predicting the number of squirrels in Yakutia. O. V. Egorov. Trudy Inst. biol. IAFAN SSSR no. 6:3-46 '59.

YALAMA REGION—PALEOBOTANY, STRATIGRAPHIC

Some data on Maykop vegetation based on a spore-pollen analysis in the Yalama area (Azerbaijan) Kh S Dzhabarova. Dokl AN Azerb. SSR 16 no 1:57-60 '60

YALCHIKI DISTRICT—CONJUNCTIVITIS, GRANULAR

Elimination of trachoma as a widespread disease in the Yalchiki District of the Chuvash A. S. S. R. E. S. Sergeeva. Kaz. med. zhur. 41 no. 1:90-92 Ja-F '60.

YALTA—COOKING SCHOOLS

A cook. . . that is a good occupation! A. Vorozheikin. Prof.-tekh. obr. 17 no. 3:27-28 Mr '60.

YAMAL-NENETS NATIONAL AREA—PUBLIC HEALTH

At the northern edge. P. Moshkovkin. Sov. kras. krest 10 no.1:23 Ja-F '60.

YAMAL'SKIY DISTRICT—REINDEER

Political work with reindeer breeders. [illegible] Kelevanov, M. [illegible] Part. zhizn' no.12 [illegible] Je '60.

YAMPOL' DISTRICT (VINNITSA PROVINCE)—AGRICULTURE

Rudenko, I.P. [Brave assault] Smilyvyi nastup. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 62 p.

YAMPOL' DISTRICT (VINNITSA PROVINCE)—AGRICULTURE—ECONOMIC ASPECTS

Lowering the cost of production on the collective farm. [illegible] Mekh. sil'. hosp. 11 no.4 [illegible] Mr '60.

YANA VALLEY (YAKUTIA)—GEOLOGY, ECONOMIC

Geology and mineral resources in the [illegible] Nel'gekhe [illegible]. V.V. [illegible] Trudy IAFAN SSSR. Ser. geol. [illegible] '59.

YANA VALLEY (YAKUTIA)—GEOLOGY, STRATIGRAPHIC

[illegible] of sediments in the Yana Valley. A.V. [illegible] Trudy IAFAN SSSR. Ser. geol. [illegible]

YANAGIDA, KENJIRO, 1893-

Kenjiro Yanagida has found the meaning of life ("[illegible] of my outlook on life"; "Criticism of religion [illegible]"; "Philosophy of freedom" by Kenjiro Yanagida). Reviewed by [illegible] Nauka i zhizn' [illegible] no.4 [illegible] Ap '60.

YARMOLINTSY DISTRICT—FARM MECHANIZATION

[illegible] operators [illegible] their work. [illegible] Mekh. sil'. hosp. 11 no.2:10-11 F '60.

YARN

Production of hydrocellulose filaments (Austrian patent [illegible]). Khim. volok. no.1:73 '60.

[illegible] three times. Leg. prom. 20 no.1 [illegible] '60.

YAROSLAVL—TIRES, RUBBER

Experiment of [illegible] automatic weighing of powdered components for rubber mixtures at the Yaroslavl Tire Factory. V.M. Kudinov and others. Kauch. i rez. 19 no.3:35-40 Mr '60.

Work plan of technical meetings convening regularly at the Yaroslavl Tire Factory. [illegible] Kravchenko, [illegible] Kauch. i rez. 19 no.3 [illegible] '60.

YARTSOVKA—COKE OVENS

Repairs [illegible] bricks. M.A. Morozov. Koks i khim. [illegible] '60.

YASNAYA POLYANA—STUDENT ACTIVITIES

In Yasnaya Polyana. V. Nosov. IUn. tekh. 4 no.2:2-7 F '60.

YASS VALLEY—ROCKS, SEDIMENTARY

[illegible] of [illegible] sediments in the Yass Basin [illegible] I.A. [illegible] Asatiani [illegible] '59.

YEAST

(see also subdivision under Kiev; Lvov [illegible])

Effect of [illegible] energy exchange on metabolism in a yeast culture. [illegible] Dokl. AN [illegible] no.2 [illegible] '60.

Effect of the concentration of the culture medium on the quality of yeasts. I.V. [illegible] Izv. vys. ucheb. zav.; pishch. tekh. no.1 [illegible] '60.

Letters to the editor. Khleb. i kond. prom. 4 no.3:45-46 Mr '60.

YEGOR'YEVSK—GEAR-CUTTING MACHINES

[illegible] simplifying the method for measuring the [illegible]. A. [illegible] Sots. trud 5 no.3:113 Mr '60.

YELETS—HISTORY

Yelets [illegible]. Ogonek 38 no.9:11-13 F '60.

YEMEN—DESCRIPTION AND TRAVEL

[illegible] of Arabia. A. Agaryshev. Sovr. Vost. no.6: 45-[illegible] Je '60.

YEMIL'CHINO DISTRICT—LIBRARIES, RURAL

Each library should have its reading room. U. Romanchuk. [illegible] 11 no.1:26 Mr '60.

YENISEY DELTA—WHITEFISHES

Feeding of the East Siberian lavaret in the Yenisey Delta [with summary in English]. A.A. Neiman. Zool. zhur. 39 no.3:417-421 '60.

YENISEY GOVERNMENT—LAND TENURE

Yenisey Government agrarian committees during the period of preparation for the Great October Socialist Revolution. V.A. Stepynin. Nauch. dokl. vys. shkoly; ist. nauki no.2:81-90 '59.

YEW see subdivision under Khabarovsk

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG WOMEN

At the meeting of girls from the whole world. Mol. mira no.9:18-19 '59.

What shall I do? Zhenia N. Ogonek 38 no.12:17 Mr '60.

YOUTH

(see also subdivision under Africa, Argentina, Chile, Germany, Germany, West, India, Italy; Latin America, Ul'yanovsk; Venezuela)

Appeal to world youth. Mol. mira no.10:1 '59.

Avraamov, D.S. [The communist way; movement for communist labor and the training of youth] Po-kommunisticheski, dvizhenie za kommunisticheskii trud i vospitanie molodezhi. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no.6)

Heart to heart talk. L. Mapraches. Sem'ia i shkola 15 no.1:14-15,17 Ja '60.

Help to youth in its patriotic campaign. D. Malinovskii. Klub 9 no.3:10-11 Mr '60.

Hladieva, N.P. [Cultivating the behavior, manners, and tastes of Soviet youth] Pro kul'turu povedinky, manery i smaky radians'koi molodi. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1959. 47 p.

International day of solidarity of youth against colonialism and for peaceful coexistence. Mol. mira no.1:5 '60.

They joined the World Federation of Democratic Youth. Mol. mira no.10:21 '59.

To build a better life! Mol. mira no.10:6-7 '59.

Two out of five million. G. Avtamonova. Smena 37 no.12:6 Je '60.

The word of world youth in Geneva. Mol. mira no.9:14 '59.

The whole school congratulates Asia. M. Poliakovskii. Ogonek 38 no.14:30 Ap '60.

Youth is more than your wealth! Smena 37 no.12:10 Je '60.

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—CONGRESSES

An admission of things as they are. Herbert Krueger. Mol. mira. no.12:10 '59.

The conspiracy of silence collapsed. Mol. mira. no.12:10 '59.

Eighty-seven million young men and women talk about their struggles and hopes. Mol. mira no.10:20-21 '59.

Envoys of Soviet youth. A. Sakharov. Mol. mira no.7:6-7 '59.

The festival in Vienna is a great contribution to peace and friendship. Mol. mira no.9:1-2 '59.

Festivals inspire our readers. Mol. mira no.7:9 '59.

Friendly meeting of 10,000 youth in Vienna. Saul Sarman. Mol. mira no.7:2-3 '59.

From the experience of preparing for the Seventh World Festival. Mol. mira no.7:10 '59.

Greetings to the seventh festival. Mol. mira no.7:1 '59.

Hans Heinrich, a guest of the "World Youth" at the Vienna festival. Mol. mira no.9:2-5 '59.

A hundred thousand demonstrate on the Heroes' Square. Mol. mira no.9:10-11 '59.

The "Pacta club" is the place of the meetings. Mol. mira no.10:17 '59.

Petals of the festival daisy. Mol. mira no.10:14-15 '59.

Responses to the festival in different countries. Kurt Kastka. Mol. mira. no.12:8-9 '59.

The Seventh Festival of Youth and Students. A.A. Adrianov. Vest. Inst. po izuch. SSSR no.4:97-104 O-D '59.

Speeches from the tribune of the assembly. Mol. mira no.10:9-11 '59.

Students look into the problems of underdeveloped and colonial countries. Andre Kirchberger. Mol. mira no.10:19-20 '59.

They talked about friendship. A. Sakharov. Mol. mira no.9:8 '59.

This is what Alberto, one of those who attended the Seventh Festival says. Alberto. Mol. mira. no.12:11,24 '59.

A trip around the world in one day. Marseille Peirenet. Mol. mira no.9:6-7 '59.

A united will, 500 representatives of world youth discuss questions of vital importance. Mol. mira no.10:2-3 '59.

When 18 thousand boys and girls shake hands. Ivonne Kites. Zhen. mira no.11:13-15,27 '59.

YOUTH—FESTIVALS

To be discarded! Mol. mira no.9:14 '59.

YOUTH—PERIODICALS

Prospects for 1960. Mario Barione. Mol. mira no.1:1 '60.

YOUTH—SOCIETIES, ETC.

(see also subdivision under Cyprus)

World Federation of Democratic Youth and the protection of working youth's rights. Paul Laurent. Mol. mira no.7:11 '59.

YOUTH IN LITERATURE

Decadent heroes and optimistic subjects. L. Fomenko. Mol. komm. no.3:118-120 Mr '60.

YTTRIUM

Comparative evaluation of the various complex-forming agents in the preparation of enriched concentrates of yttrium group elements. D.I. Riabchikov, N.S. Vagina. Zhur. neorg. khim. 5 no.2:356-358 F '60.

YTTRIUM CHLORIDE

Basic chlorides and hydroxides of yttrium and lanthanum. N.V. Aksel'rud, V.B. Spivakovskii. Zhur. neorg. khim. 5 no.2:327-339 F '60.

YTTRIUM FERRATES

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ZAPOROZH'YE — THEATER
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ZASTAVNA DISTRICT — AGRICULTURE
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Monthly Index *of* Russian Accessions

Volume 13, No. 7 October 1960

THE LIBRARY OF CONGRESS
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INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included. However, publications in the languages of the U. S. S. R. issued in countries of Eastern Europe are not included, since they are covered by the *East European Accessions Index*.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September-October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8-12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

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Price of single copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign. Price of Cumulative Index to Volumes 1-3, $1.50; to Volume 4, $0.60.

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*Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

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2. BIBLIOGRAPHY

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    Pt. 1. [Books in Russian up to 1917] Kniga v Rossii do 1917 g. 1960. 198 p.

BEREZIN, B. I. [Printing industry materials, a textbook] Poligraficheskie materialy, uchebnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 560 p.

[EXHIBITION OF MOLDAVIAN BOOKS, a catalog] Vystavka Moldavskoi knigi, katalog. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 286 p.

KIEV. DERZHAVNA RESPUBLIKANS'KA BIBLIOTEKA URSR IMENI KPRS. [Calendar of remarkable and memorable dates for the second quarter of 1960, bibliographical materials for libraries] Kalendar znamennykh i pam'iatnykh dat na 2-i kvartal 1960 roku; metodychno-bibliografichni materialy na dopomohu bibliotekam. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 84 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidate and doctoral dissertations received by the Lenin Library and the State Central Medical Library during the first quarter of 1960] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 1-m kvartale 1960 goda. Moskva, 1960. 195 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Catalog of candidates' dissertations accessioned by the Moscow Public Library] Katalog kandidatskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina. Moskva, 1950. 1 v.
    (NNC)

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Moscow Public Library in 1958] Gosudarstvennaia ordena Lenina biblioteka SSSR imeni V. I. Lenina v 1958 godu. Moskva, 1959. 49 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Open access to book collections in operation; a collection of articles on library practice] Otkrytyi dostup k knizhnym fondam v deistvii; sbornik statei iz opyta raboty bibliotek. Moskva, 1960. 100 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Pavil'on "Sovetskaia kniga." [Achievements of Soviet printing industry; prospectus of the exhibition on this subject] Dostizheniia sovetskoi poligrafii; prospekt tematicheskoi vystavki. Moskva, 1960. 63 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Unified time and production norms for working processes in the printing industry] Edinye normy vremeni i vyrabotki na protsessy poligraficheskogo proizvodstva. Moskva, Gos. izd-vo "Iskusstvo,"
    No. 1. [Large scale production] Krupnoseriinoe proizvodstvo. 1960. 315 p.
    No. 2 [Medium scale production] Seriinoe proizvodstvo. 1960. 201 p.
    No. 3 [Small scale production] Melkoseriinoe proizvodstvo. 1960. 64 p.

SHAPOSHNIKOV, S. I. [New plastic and rubber printing plates, cliches, stereotypes, type faces] Novye tipografskie pechatnye formy; iz plastmassy i reziny. Klishe, stereotipy, shrifty. Moskva, Gos. izd-vo "Iskusstvo," 1960. 160 p. (Novosti poligraficheskoi tekhniki i tekhnologii)

[TREASURES OF CULTURE; a collection of articles] Sokrovishcha kul'tury; sbornik statei. Odessa.
    No. 2. 1958.
    (NNC)

3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK SSSR. Muzei istorii religii i ateizma. [Religions in China; handbook and guidebook] Religii Kitaia, spravochnik-putevoditel'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 62 p.

ANDRIIEVS'KYI, V. P. [Pochayev Monastery] Pro Pochaivs'ku lavru. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 3)

BZHALAVA, I. T. [Perception and attitude. Vospriiatie i ustanovka. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1960. 208 p. [In Georgian.]

DOLGIKH, F. I., and A. P. KURANTOV. [Why we struggle with religion] Pochemu my boremsia s religiei. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 34 p. (Znanie v massy)

EL'MANOVICH, S. S. [Scientific and atheistic training in physics lessons] Nauchno-ateisticheskoe vospitanie na urokakh fiziki. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 101 p.

IOVCHUK, M. T. [G. V. Plekhanov and his works on the history of philosophy] G. V. Plekhanov i ego trudy po istorii filosofii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 314 p.

KHIDASHELI, SH. V. [The problem of reality in the philosophy of Parmenides] Problema sushchego v filosofii Parmenida. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. 153 p. [In Georgian.]

KOVALEV, S. I., and M. M. KUBLANOV. [Findings in the Judean desert, discoveries in the Dead Sea region and problems of the origin of Christianity] Nakhodki v Iudeiskoi pustyne; otkrytiia v raione Mertvogo moria i voprosy proiskhozhdeniia khristianstva. Moskva, Gos. izd-vo polit. lit-ry, 1960. 91 p. (Nauchnaia biblioteka ateista)

LEBEDEV, S. P. [Cause and effect] Prichina i sledstvie. [Moskva] Mosk. rabochii, 1960. 62 p. (Obshchedostupnaia bibliotechka po filosofii)

LENINGRAD. PUBLICHNAIA BIBLIOETKA. [Communist and religious morality are irreconcilable] Kommunisticheskaia i religioznaia moral' neprimirimy. Leningrad, 1960. 15 p. (Zhit' i rabotat' po-kommunisticheski)

MEZENTSEV, P. [The aesthetic views of V. I. Lenin; a short essay] Esteticheskie vzgliady V. I. Lenina; kratkii ocherk. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 113 p.

[OLD-BELIEVERS' CHURCH CALENDAR FOR 1960] Staroobriadcheskii tserkovnyi kalendar' na 1960 god. Moskva, Izd. Staroobriadcheskoi Arkhiepiskopii Mosk. i vseia Rusi, 1959. 77 p.

ORTHODOX EASTERN CHURCH, RUSSIAN. Liturgy and ritual. [Twelve Gospels of the sacred passion of Our Lord and Savior, Jesus Christ, read at matins of Good Friday] Dvenadtsat' Evangelii sviatykh strastei Gospoda Boga i Spasa nashego Iisusa Khrista chtomykh vo sviatyi i velikii piatok na utreni. Leikens, Pa., Pravoslavnoe izd-vo Protoiereia Nikolaia Vegiais, 1951. 48 p.
    (CLU)

OSIPOV, A. A. [My answer to believers; reply to a reply] Moi otvet veruiushchim, otklik na otkliki. [Leningrad] Lenizdat, 1960. 67 p.

OSLIAK, I. F. [Great authors of Ukrainian literature on religion] Klasyky ukrains'koi literatury pro religiiu. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 4, no. 6)

PEUNOVA, M. N. [M. A. Antonovich's philosophical outlook] Mirovozzrenie M. A. Antonovicha. Moskva, Izd-vo Akad. nauk SSSR, 1960. 189 p.

POMAZANSKII, M. [Dangerous undertaking; on the replacement of the existing Russian text of the sacred writings of the New Testament by a new translation] Opasnoe nachinanie; o zamene imeiushchagosia russkago teksta sviashchennago pisaniia Novago Zaveta novym perevodom. Jordanville, N. Y. Holy Trinity Monastery, 1954. 21 p.
    (CLU)

RACHKOV, P. A. [Thought and language] Myshlenie i iazyk. [Moskva] Izd-vo Mosk. univ., 1960. 38 p.

ROBERTSON, ARCHIBALD. [The origins of Christianity. Translated from the English. Preface by S. I. Kovalev] Proiskhozhdenie khristianstva. Moskva, Izd-vo inostr. lit-ry, 1959. 322 p.

ROVENSKII, Z. I., A. I. UEMOV, and E. A. UEMOVA. [Machine and human thought; philosophical essay on cybernetics] Mashina i mysl'; filosofskii ocherk o kibernetike. Moskva, Gos. izd-vo polit. lit-ry, 1960. 142 p.

ROZENTAL', M. M. [The principles of dialectical logic] Printsipy dialekticheskoi logiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 477 p.

RUTKEVICH, M. N. [Dialectical materialism, a course of lectures for natural-history faculties] Dialekticheskii materializm; kurs lektsii dlia estestvennykh fakul'tetov. Moskva, Sotsekgiz, 1959. 597 p.
    (MH)

SHAKHNOVICH, M. I. [Reactionary nature of Judaism; brief sketch of the origin and class nature of the Jewish religion] Reaktsionnaia sushchnost' iudaizma, kratkii ocherk proiskhozhdeniia i klassovoi sushchnosti iudeiskoi religii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 236 p. (Nauchno-populiarnaia seriia)

TRAKHTENBERG, O. V. [Outline history of 19th century British philosophy and sociology] Ocherki po istorii filosofii i sotsiologii Anglii XIX v. [Moskva] Izd-vo Mosk. univ. 1959. 114 p.
    (MH)

VOROPAEVA, K. L. ["Sacred books" and who wrote them] "Sviashchennye knigi" i kto ikh napisal. [Leningrad] Lenizdat, 1959. 69 p. (Bibliotechka ateista)

ZAPOROZHETS, A. V. [Psychology; textbook for preschool pedagogical schools] Psikhologiia, uchebnik dlia doshkol'nykh pedagogicheskikh uchilishch. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 223 p.

4. HISTORY

AKADEMIIA NAUK SSSR. Institut istorii. [Essays on the contemporary and modern history of the United States] Ocherki novoi i noveishei istorii SShA v dvukh tomakh. Moskva,
    Vol. 1. 1960. 630 p.

AKADEMIIA NAUK SSSR. Institut vostokovedeniia. [From the Teheran diary of Colonel V. A. Kosogovskii] Iz tegeranskogo dnevnika polkovnika V. A. Kosogovskogo. Moskva, Izd-vo vostochnoi lit-ry, 1960. 178 p.

AKADEMIIA NAUK URSR, Kiev. Biblioteka. [Reunification of Ukrainian lands in the united Soviet Ukrainian state, 1939-1959] Vozz'iednannia ukrains'kykh zemel' v iedynii Ukrains'kii Radians'kii derzhavi, 1939-1959 rr., bibliografichnyi pokazhchyk. Kyiv, 1959. 95 p.

AL'PER, R. S. [Revolutionary traditions of the German people] Revoliutsiini tradytsii nimets'koho narodu. Kharkiv, Vyd-vo Kharkivs'koho derzh. univ. im. O. M. Gor'kogo.
    Pt. 1. [From the Great Peasant War of the 16th century to the November Revolution of 1918] Vid Velykoi selians'koi viiny XVI st. do Lystopadovoi revoliutsii 1918 roku. 1959. 247 p.

A 4

ANCHARSKII, P. P. [Unfading glory of sailors; youth on the fighting traditions of the sailors of the Soviet Navy] Nemerknushchaia slava moriakov; molodezhi o boevykh traditsiiakh voinov Sovetskogo Voenno-Morskogo Flota. Moskva, DOSAAF, 1959. 70 p.
(CLU)

BEREZOV, R. M., pseud. [It happened] Chto bylo. San Frantsisko [1958] 163 p.
(NN)

BORTNIAK, IA. M. [Democratic Republic of Vietnam] Demokratychna Respublika V'ietnam. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 7)

BULOCHNIKOV, M. G. [Unforgettable meetings; from notes of a participant in three revolutions] Nezabyvaemye vstrechi; iz zapisok uchastnika trekh revoliutsii. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 32 p.

BURCHULADZE, E. E. [The Crimean War and Georgia. Krymskaia voina i Gruziia. Tbilisi, "Sabchota Sakartvelo"] 1960. 538 p. [In Georgian.]

[THE CHAIRMAN OF THE COUNCIL OF MINISTERS OF THE U.S.S.R. N.S. KHRUSHCHEV'S VISIT TO THE AUSTRALIAN REPUBLIC, JUNE 30 TO JULY 8, 1960] Druzhestvennyi vizit; prebyvanie predsedatelia Soveta Ministrov SSSR N.S. Khrushcheva v Avstriiskoi Respublike, 30 iiunia - 8 iiulia 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1960. 210 p.

CHELYSHEV, B. V. [A great victory; on the 15th anniversary of the victory of the Soviet Union in the Great Patriotic War] Velikaia pobeda, k 15-letiiu pobedy Sovetskogo Soiuza v Velikoi Otechestvennoi voine. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie 1960. 48 p.

CHERMENSKII, E. D. [History of the U.S.S.R.; the period of imperialism (1890's to March 1917), a textbook for students in teachers' colleges] Istoriia SSSR; period imperializma (90 gg. XIX v. - mart 1917 g.); posobie dlia studentov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1959. 508 p.
(NNC)

DEBORIN, G. A. [Soviet foreign policy and its falsifiers] Sovetskaia vneshniaia politika i ee fal'sifikatory. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 14)

DIKYK, P. G. [Behind the enemy lines] V tylu vraga. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 209 p.

DOLIDZE, K. P. [A study of the hegemony of the proletariat in the bourgeois democratic revolution. K voprosu o gegemonii proletariata v burzhuazno-demokraticheskoi revoliutsii. Batumi, Gos. izd-vo] 1959. 302 p. [In Georgian.]

KHAIASHVILI, V. G. [V. I. Lenin and the Bolshevik organization of Georgia. V. I. Lenin i bol'shevistskie organizatsii Gruzii. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 420 p. [In Georgian.]

[FIGHTERS REMEMBER DAYS GONE BY] Boitsy vspominaiut minuvshie dni. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 320 p. (Voennye memuary)

GOTTLIEB, W. W. [Secret diplomacy during the First World War. Translated from the English. Preface by N. P. Poletika] Tainaia diplomatiia vo vremia pervoi mirovoi voiny. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 602 p. (Biblioteka vneshnei politiki)

GROMOV, V. L., L. P. POTEMKIN, and I. P. SHASKOL'SKII. [Priozersk, historical study of Korela, Keksgol'm, Priozersk] Priozersk, istoricheskii ocherk: Korela, Keksgol'm, Priozersk. [Leningrad] Lenizdat, 1960. 124 p. (Goroda Leningradskoi oblasti)

GURBANOV, M. S. [Unquenchable flames of Soviet Bulgarian friendship] Negasimoe plamia sovetsko bolgarskoi druzhby. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 54 p.

GUSEINOV, R. A. [Twelfth and thirteenth century Syriac sources on Azerbaijan] Siriiskie istochniki XII-XIII vv. ob Azerbaidzhane. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 170 p.

IZHEVSK. UDMURTSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ISTORII, EKONOMIKI, LITERATURY I IAZYKA. [Outline history of the Udmurt A.S.S.R.] Ocherki istorii Udmurtskoi ASSR. Izhevsk, Udmurtskoe knizhnoe izd-vo.
Vol. 1. 1958.
(NNC)

KANN, P. IA. [Petropavlovsk Fortress; a monument of the revolutionary struggle of the Russian people] Petropavlovskaia krepost', pamiatnik revoliutsionnoi bor'by russkogo naroda. Izd. 2. [Leningrad] Lenizdat, 1960. 306 p.

KAPLIN, S. S. [Bolsheviks in the Far East, 1918-1922] Bol'sheviki na Dal'nem Vostoke, 1918-1922 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 125 p.

KARAEV, G. N. [Battle of Grünwald] Griunval'dskaia bitva 1410 goda. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 60 p.

KHUDIAKOVA, N. D. [The whole nation behind Leningrad, 1941-1943, the CPSU, organizer of the people's aid to Leningrad during the years of the blockade] Vsia strana s Leningradom, 1941-1943 gg.; KPSS - organizator vsenarodnoi pomoshchi Leningradu v gody blokady. [Leningrad] Lenizdat, 1960. 213 p.

KLEMANKIN, A. V. [Andrei Zheliabov, a hero of "Narodnaia Volia"] Andrei Zheliabov - geroi "Narodnoi voli." [Moskva] Izd-vo sotsial'no-ekon. lit-ry, 1959. 73 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Udmurtskii oblastnoi komitet. Partiinyi arkhiv. [Udmurt workers in their fight against Kolchak] Trudiashchiesia Udmurtii v bor'be s kolchakom; sbornik dokumentov. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1959. 86 p.

KONOVALOV, V. G. [Heroes of the Odessa underground] Geroi odesskogo podpol'ia. [illegible] Moskva, Gos. izd-vo polit. lit-ry, 1960. 204 p.

KULINYCH, I. M., and M. M. [illegible] [illegible] work of "Spartacus," [illegible] in the Ukraine, 1918-1919] [illegible] 1918-1919 rr. Kyiv, Vyd-vo Akad. nauk URSR, [illegible] 134 p.

LANIN, B. B. Ivan Bolotnikov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 120 p. ([illegible] voiny)

LAPPO, D. D. Nikolai Razin. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 58 p. ([illegible] voiny)

LAVRETSKII, I. R. Bolivar. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 285 p. ([illegible])

LEBEDEV, A. E. [illegible] voiny, [illegible] Moskva, Gos. izd-vo polit. lit-ry, 1960. 110 p.

LEBEDEV, B. I. [For peace in the Balkans] Za mir na Balkanakh! Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1960. 90 p.

LEVIATOV, V. N. [Essays from the history of Azerbaijan in the 18th century] Ocherki iz istorii Azerbaidzhana v XVIII veke. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1948. 227 p.

LINKO, G. M., and K. V. PETROVA. [illegible] Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 84 p.

[illegible], ZH. A. [illegible] Moskva, [Moskva] [illegible]

MINAEV, V. N. [illegible] Taina stanovitsia iavnoi. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 127 p.

MORDOVSKAYA A.S.S.R. [illegible] arkhiv. [Mordovia during the [illegible] Soviet regime and the civil war; documents and materials] Mordoviia v period ustanovleniia sovetskoi vlasti i grazhdanskoi voiny; dokumenty i materialy. Redkollegiia: M. V. Dobrushkin, N. M. [illegible] Saransk, Mordovskoe knizhnoe izd-vo, 1959. 424 p.

NAIDA, S. F., and D. A. KOVALENKO, eds. [The great victories of the Soviet people over the foreign interventionists and white guardists in 1919] Velikie pobedy sovetskogo naroda nad interventami i belogvardeitsami v 1919 g.; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1960. 610 p.

NAZAROV, O. A., and M. I. [illegible] [This is how the spy was shot down] Tak byl sbit shpion. Moskva, Izd-vo "Znanie," 1960. 57 p.

[illegible] [illegible] revolution, a historical [illegible] Kishinev, [illegible] 242 p.

[illegible] 190 p.

[illegible] Vietnam, [illegible] 1960. [illegible]

[illegible]
(CtY)

[illegible] 142 p.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

SAUTIN, N. V. [The Great October Revolution in the rural areas of northwestern Russia, October 1917-1918] Velikii Oktiabr' v derevne na Severo-Zapade Rossii, oktiabr' 1917-1918 gg. [Leningrad] Lenizdat, 1959. 213 p.

SHCHEBEN'KOV, V. G. [Russo-Chinese relations during the 17th century] Russko-kitaiskie otnosheniia v XVII v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 237 p.

SHCHERBAKIVS'KYI, VADYM. [Formation of the Ukrainian nation; an account of the early history of the Ukraine] Formatsiia ukrains'koi natsii, narys praistorii Ukrainy. Niu Iork, Z. D. A., 1958. 144 p. (Naukova biblioteka. Ser. Studiino-naukovi materialy, no. 1)

SHEPELEV, I. S. [Liberation and class struggle in the Russian state from 1608 to 1610] Osvoboditel'naia i klassovaia bor'ba v Russkom gosudarstve v 1608-1610 gg. Piatigorsk, Piatigorskii pedagog. in-t, 1957. 555 p.
(NNC)

SHISHAKOV, V. A. [Guardians of time] Strazhi vremeni. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 47 p.

SHMORHUN, P. M. [V. I. Lenin and Bolshevik organizations in the Ukraine, 1907-1917] V. I. Lenin i bil'shovyts'ki organizatsii na Ukraini, 1907-1917 rr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 97 p.

[THE SMOL'NYI, concise historical study] Smol'nyi; kratkii istoricheskii ocherk. [Leningrad] Lenizdat, 1960. 76 p.

SOLDATOV, V. A. [V. I. Lenin on the union of the laboring class and peasantry] V. I. Lenin o soiuze rabochego klassa i krest'ianstva. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 55 p.

SOSELIIA, O. N. [Materials for the history of the class struggle in West Georgia during the feudal period, from the end of the 17th century to the 1840's. Materialy dlia istorii klassovoi bor'by v zapadnoi Gruzii feodal'nogo perioda, s kontsa XVII v. do 40-kh godov XIX stoletiia. Tbilisi, Izd-vo Akad. nauk Gruz. SSR] 1960. 167 p. [In Georgian.]

SVERDLOVSK. INSTITUT ISTORII PARTII. [Communists of the Ural Mountain Region during the civil war] Kommunisty Urala v gody grazhdanskoi voiny. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 478 p.
(NNC)

TENG SIAO-P'ING. [Great unity of the Chinese people and great unity of the peoples of the entire world; an article written for the Soviet newspaper "Pravda" devoted to the tenth anniversary of the Chinese People's Republic] Velikoe splochenie kitaiskogo naroda i velikoe splochenie narodov mira, stat'ia napisana dlia sovetskoi gazety "Pravda" v sviazi s desiatoi godovshchinoi obrazovaniia Kitaiskoi Narodnoi Respubliki. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 18 p.

TSERTSVADZE, M. V. [The revolutionary movement in Georgia, 1914-1917] Revoliutsionnoe dvizhenie v Gruzii v 1914-1917 gg. Pod red. Sh. K. Chkhetiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo,"
Pt. 2. (1917 god). 1960. 339 p.

TSISKARISHVILI, V. G. [The epigraphs of Dzhavakheti as a historical source. Epigrafika Dzhavakheti kak istoricheskii istochnik. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1959. 139 p., illus. [In Georgian.]

TSVIK, D. B. [Magadan, a chronicle] Magadan; ocherk-khronika. [Magadan] Magadanskoe knizhnoe izd-vo, 1959. 112 p. (Goroda 20 let)
(NNC)

TUZMUKHAMEDOV, R. A. [Soviet-Iranian relations, 1917-1921] Sovetsko-iranskie otnosheniia, 1917-1921. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. [illegible]3 p.

[UNFORGETTABLE ENCOUNTERS] Nezabutni zustrichi; spohady pro Volodymyra Illicha Lenina. Vyd. druhe, dop. Kyiv, Vyd-vo TsK LKSMU "Molod'" 1960. 205 p.

USENBAEV, KUSHBEK. [The annexation of southern Kirghizistan by Russia] Prisoedinenie IUzhnoi Kirgizii k Rossii. Pod red. M. P. Viatkina. Frunze, Kirgizskoe gos. izd-vo, 1960. 188 p.

UTKIN, G. M. [Heroes of the Dnieper] Geroi Dnepra. Moskva, Izd-vo DOSAAF, 1960. 143 p.

[V. I. LENIN, THE LEADER OF THE GREAT OCTOBER SOCIALIST REVOLUTION, an album for exhibits] V. I. Lenin, vozhd' Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; al'bom-vystavka. Moskva, Izd-vo "Sovetskaia Rossiia," 1958. 24 plates (chiefly illus. in portfolio) (Bibliotechka nagliadnoi agitatsii, propagandy i khudozhestvennogo oformleniia, no. 4)

VANEEV, Z. N. [Medieval Alani] Srednevekovaia Alaniia Stalinir, Gosizdat IUgo-Osetii, 1959. 182 p.

VODOLAGIN, M. A. [Near the walls of the Stalingrad] U sten Stalingrada. Moskva, Gos. izd-vo polit. lit-ry, 1960. 125 p. (Goroda-geroi)

VORONTSOV, A V. [Russian military valor] Russkaia voinskaia doblest' Leningrad, Ob-vo po rasprostraneniiu polit i nauchn znanii RSFSR Leningrd otd-nie 1959 55 p

WHEELER, GEORGE, S. [American policy in Germany, 1945-1950. Translated from the German. Preface by Z. Sheinis] Amerikanskaia politika v Germanii, 1945-1950. Moskva, Izd-vo inostr. lit-ry, 1960. 300 p.

ZABOROV, M. A. [Papacy and crusades] Papstvo i krestovye pokhody. Moskva, Izd-vo Akad. nauk SSSR, 1960. 262 p. (Nauchno-populiarnaia seriia)

ZAMIATKIN, M S., and A P KONSTANTINOV. [The struggle for the Soviet North, how Petrograd workers struggled against the White Guards and foreign interventionists in the Soviet North] V bor'be za sovetskii Sever, rabochie Petrograda v bor'be protiv belogvardeitsev i inostrannykh interventov na sovetskom Severe [Leningrad] Lenizdat, 1959. 134 p.

ZEVELEV, A. I. [History of the civil war in Uzbekistan] Iz istorii grazhdanskoe voiny v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 606 p.
(MH)

5. SOCIAL SCIENCES

ADAK, B. A. [Collection of problems in industrial statistics, textbook for statistical schools and the educational system for training administrative personnel for the Central Statistical Administration of the U. S. S. R.] Sbornik zadach po statistike promyshlennosti, uchebnoe posobie dlia statisticheskikh tekhnikumov i uchebnoi seti upravleniia podgotovki kadrov TsSU SSSR. Moskva, Gos. stat. izd-vo, 1960. 175 p.

AIRAPETOV, A. M. [Tables for computing the annual average rates of growth, increase and reduction] Tablitsy ischisleniia srednegodovykh tempov rosta, prirosta i snizheniia; dlia ekonomiko-statisticheskikh raschetov. Moskva, Gos. stat. izd-vo, 1960. 61 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze Institut ekonomiki. [Problems in the economics of socialist industry, a collection] Voprosy ekonomiki sotsialisticheskoi promyshlennosti; sbornik. Frunze, 1958. 132 p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Sektor prirodnykh resursov i ekonomiki Severa. [Problems in the development of the productive forces of Kamchatka Province] Problemy razvitiia proizvoditel'nykh sil Kamchatskoi oblasti. Moskva, 1960. 420 p.

AKADEMIIA NAUK URSR, Kiev. Instytut ekonomiky. [Political economy; textbook] Politychna ekonomiia; pidruchnyk. Pereklad z 3 perer. i dop. rosiis'koho vyd. 1959 roku. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 686 p.

AL'TMAN, L. P., D. M. PINKHENSON, and L. G. CHERTOV. [Geography of great works] Geografiia velikikh rabot. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauchn. znanii. Leningr. otd-nie, 1960. 39 p.

ALTMYSHBAEV, A. Survivals of the past in the consciousness of the people of Central Asia and the role of socialist culture in the struggle against them] Nekotorye perezhitki proshlogo v soznanii liudei v Srednei Azii i rol' sotsialisticheskoi kul'tury v bor'be s nimi. Frunze, Akad. nauk Kirgizskoi SSR. Otdel filosofii i prava, 1958. 90 p.

ANIKIN, A. V. [Foreign exchange problems of Western Europe] Valiutnye problemy Zapadnoi Evropy. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 177 p.

ARDAEV, G. B. [Nationalization in Austria] Natsionalizatsiia v Avstrii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 302 p.

ATSAMBA, F. M. [Formation of laboring class in Egypt and its economic condition, 1914-1952] Formirovanie rabochego klassa v Egipte i ego ekonomicheskogo polozhenie, 1914-1952 gg. [Moskva] Izd-vo Mosk. univ., 1960. 180 p.

AZIZOV, A. K., V. I. ABROSIMOV, and A. F. KUDRIAVTSEVA. [Light industry of Kazakhstan and prospects for its development] Legkaia promyshlennost' Kazakhstana i perspektivy ee razvitiia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 245 p.

BAKANOV, M. I. [Marketing costs in the U. S. S. R.] Izderzhki tovarnogo obrashcheniia v SSSR. Moskva, Gos. izd-vo torg. lit-ry, 1959. 335 p.

BAKULEV, G. D., and D. G. SOLOMENTSEV. [Industry of the Tula Economic Region] Promyshlennost' Tul'skogo ekonomicheskogo raiona. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 366 p.

BAKURADZE, O. M. [From the history of the dissemination of Marxist philosophy in Georgia. Iz istorii rasprostraneniia marksistskoi filosofii v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1959. 173 p. [In Georgian.]

BALMASHNOV, A. A. [Soviet trade unions in the struggle for peace] Sovetskie profsoiuzy v bor'be za mir. [Moskva] Izd-vo VTsSPS, 1959. 125 p.

BELEN'KII, N. S. [Collection of problems and exercises in commercial arithmetic] Sbornik zadach i uprazhnenii po khoziaistvennym vychisleniiam. Izd. 5., perer. Moskva, Gos. izd-vo torg. lit-ry, 1960. 215 p.

BELOGOLOVTSEV, A F [Struggle to increase labor productivity, from the experience of certain party organizations in Leningrad industrial enterprises (1951-1955)] Bor'ba za povyshenie proizvoditel'nosti truda; iz opyta raboty nekotorykh partiinykh organizatsii promyshlennykh predpriiatii Leningrada, 1951-1955 gg Leningrad, Izd-vo Akad nauk SSSR, 1960. 151 p.

BERRI, L. IA, and A. S TOLKACHEV. [Economic and technical foundation of communism] Material'no-tekhnicheskaia baza kommunizma Moskva, Gos izd-vo polit lit-ry, 1960 97 p.

BIKZHANOVA, M A [Family on the collective farms of the Uzbekistan] Sem'ia kolkhozakh Uzbekistana; na materialakh kolkhozov Namanganskoi oblasti. Tashkent, Izd-vo Akad. nauk Uz. SSR, 1959. 134 p.

BLIAKHMAN, L. S. [Why the rate of labor productivity must overtake the rate of wage increase] Pochemu rost proizvoditel'nosti truda dolzhen operezhat' rost zarabotnoi platy. [Leningrad] Lenizdat, 1960. 42 p. (Izuchaiushchim ekonomiku promyshlennosti)

BOBKOV, K. I. [Basic features of the transition period from capitalism to communism, a lecture on the course in economics] Osnovnye cherty perekhodnogo perioda ot kapitalizma k sotsializmu, lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 63 p. (Lektsii po politicheskoi ekonomii)

BOBODZHONOV, N. [Stalinabad in the seven-year plan] Stalinabad v semiletke. Stalinabad, Tadzhikgosizdat, 1959. 76 p.
[MICROFILM]

BREGEL', E. IA. [Revisionist and reformist trends in the theory of impoverishment] Revizionizm i reformizm v teorii obnishchaniia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 206 p.

CHANGLI, I. I. [Standard-bearers of communist labor] Znamenostsy kommunisticheskogo truda. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 19)

CHAREKISHVILI, M. [Industrial products; goods for culture and recreation. Promyshlennoe tovarovedenie, kul'ttovary. Tbilisi, gos. izd-vo "Sabchota Sakartvelo"] 1959. 116 p. [In Georgian.]

CHERNIAK, E. B. [Bourgeois historiography on the labor movement] Burzhuaznaia istoriografiia rabochego dvizheniia; kriticheskii ocherk. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 197 p.

[THE CHILDREN OF CHINA] Deti Kitaia. [n. p. Izd-vo lit-ry na inostrannykh iazykakh] 1956. 40 p.

CHUPROV, A. A. [Main problems of the correlation theory; on the statistical study of the relation between phenomena (1926)] Osnovnye problemy teorii korreliatsii, o statisticheskom issledovanii sviazi mezhdu iavleniiami, 1926. Moskva, Gosstatizdat, TsSU SSSR, 1960. 170 p.

struggle to fulfill the second five-year plan for industry and transportation, 1933-1937] [illegible] Kirgizii v bor'be za vypolnenie vtoroi piatiletki v oblasti promyshlennosti i transporta, 1933-1937. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 50 p.

[COMMUNICATION IN THE LAND OF SOCIALISM, a collection of materials on the development of the means of communication in the U.S.S.R.] [illegible] Moskva, [illegible] 1960. 280 p. (NN)

[CONTRIBUTING TO THE SEVEN-YEAR PLAN MONEY BOX, articles on the economy of money and materials] V kopilku semiletki, stat'i ob ekonomii [illegible] materialov. Simferopol', Krymizdat, 1960. 64 p.

[CRIMEAN PROVINCE OF THE UKRAINIAN S.S.R. IN THE SEVEN-YEAR PERIOD, 1959-1965] Krymskaia oblast' Ukrainskoi SSR v semiletii, 1959-1965. [Simferopol', Krymizdat, 1959. 20 l.] (chiefly illus.)

DADASHVILI, [illegible] A. [Two pieces of communist society. [illegible]] [illegible] Tbilisi, [illegible] 1960. [illegible] p. [In Georgian.]

DEMCHENKO, V.N. [The imperialistic struggle for rubber] Imperialisticheskaia bor'ba za kauchuk. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 101 p.

D'IACHKOV, M.F. [Analysis of the administrative operations of contract building organizations, based on reports] Analiz khoziaistvennoi deiatel'nosti podriadnykh stroitel'nykh organizatsii, po dannym otchetnosti. Moskva, Gosfinizdat, 1960. 107 p. (Voprosy [illegible])

[illegible] A.F. [The Moldavian S.S.R. in the seven-year plan] Moldavskaia SSR v semiletke. Moskva, Gos. izd-vo polit. lit-ry, 1959. 55 p.

DMITRIEV, N.A. [Murmansk Province in the postwar years] Murmanskaia oblast' v poslevoennye gody. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 159 p. (MH)

DZHAOSHVILI, V. Sh. [Economic relations in Georgia] [illegible] Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 20 p. [In Georgian.]

DZHELEPIANOV, V.S. [The Twelfth Congress of Soviet Trade Unions] [illegible] [Moskva] Izd-vo VTsSPS Profizdat, 1960. [illegible] p.

DZHIBLADZE, V.P. [Economic relations and organization of transportation [illegible] districts] [illegible] Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1960. [illegible] p. [In Georgian.]

DZHIMBINOV, B.O. [The Soviet Kalmyk A.S.S.R.] Sovetskaia Kalmykiia. Moskva, Izd-vo [illegible] 1960. 144 p.

DZHIOEV, [illegible] [Characterization of the [illegible] of production [illegible]] [illegible] Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 64 p. [In Georgian.]

DZHUMAGULOV, A. [Family and marriage among the Kirghiz of the Chu Valley] Sem'ia i brak u kirgizov Chuiskoi doliny. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 93 p.

EFIMOVA, A.I. [Workers' movement in France after the Second World War] Rabochee dvizhenie vo Frantsii posle Vtoroi Mirovoi voiny. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 61 p. (Istoriia [illegible])

EKINA, V.M. [Light industries of Kirghizistan] Legkaia promyshlennost' Kirgizii. Frunze, Akademiia nauk Kirgizskoi SSR, Institut ekonomiki, 1960. 161 p.

FASHCHENKO, V.V. [The theme of work in Soviet belles-lettres] Tema pratsi v radians'kii khudozhnii literaturi. Kyiv, 1960. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Ser. 3, no. 15)

[illegible] translated from the English [illegible] Moskva, [illegible] 1958. 701 p.

FORZUN, I. [illegible] [Lands of the Moldavian S.S.R. in the seven-year plan] [illegible] Kishinev, [illegible] 1959. [illegible] p.

FRUMKIN, [illegible] [illegible] in the U.S.S.R., a lecture [illegible] [illegible] Moskva, 1959. [illegible] p. (NN)

GADDILOV, [illegible] [illegible] Moskva, [illegible] 1960. [illegible] p. ([illegible] no. 20)

GAVRILOVICH, [illegible] [illegible] 1960. 214 p.

GOGOLADZE, D.A. [Capitalism [illegible] agriculture [illegible]] [illegible] Tbilisi, Izd-vo Akad. nauk [illegible] 1960. 234 p. [In Georgian.]

[GREAT PROGRAM OF THE BUILDING OF COMMUNISM; [illegible]] [illegible] (NN)

[GREAT [illegible]] [illegible] 1959. 54 p. ([illegible])

GROSHEV, V.V. [illegible] [illegible] All-Union [illegible] Moskva, 1960. 47 p.

[HOW [illegible]] [illegible] 1960. 65 p.

HUSOVYCH, M.M. [illegible] [illegible] 1960. [illegible] p.

IAKOVLEV, [illegible] [illegible] 1960. 223 p.

IAKUSHEV, [illegible] [illegible] 1959. 47 p.

IASEV, V.A. [illegible] Moskva, [illegible] 1960. [illegible] p.

IL'IN, [illegible] [illegible] Moskva, [illegible] 1960. 54 p.

ISSAWI, CHARLES PHILIP. [Egypt at mid-century; an economic survey. Translated from the English] Egipet v seredine XX veka, ekonomicheskii [illegible] Moskva, Izd-vo inostr. lit-ry, 1958. 452 p. (Ekonomicheskaia literatura [illegible]) (WU)

IVANCHENKO, [illegible] [For the [illegible]] [illegible] Kyiv, [illegible] 1960. 54 p. ([illegible])

IZRAILEVICH, E.E. [English-Russian general commercial and foreign trade dictionary] Anglo-russkii obshchekommercheskii i vneshnetorgovyi slovar', izd. 2, stereotipnoe. Moskva, Vneshtorgizdat, 1960. 591 p.

[illegible]

and Friedrich Engels on trade unions] K.Marks i F. Engel's o profsoiuzakh. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 357 p.

[THE MONGOLIAN PEOPLE'S REPUBLIC] Mongol'skaia Narodnaia Respublika. Ulan-Bator, Komitet nauk Mongol'skoi Narodnoi Respubliki, 1956. 123 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. Kafedra politicheskoi ekonomii. [Modern state-monopoly capitalism] Sovremennyi gosudarstvenno-monopolisticheskii kapitalizm. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 274 p.

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. [Fifteen years of the Democratic Republic of Vietnam] 15 let Demokraticheskoi Respubliki V'etnam. Moskva, Izd-vo IMO, 1960. 145 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRUDA. [Labor and wages, bibliographical index of literature published in Russian in the U.S.S.R. in 1958] Trud i zarabotnaia plata, bibliograficheskii ukazatel' literatury, izdannoi v SSSR na russkom iazyke v 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 221 p. (Nauchnaia biblioteka)

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KON"IUNKTURNYI INSTITUT. [Economic development in the people's democracies; review for 1958] Razvitie ekonomiki stran narodnoi demokratii, obzor za 1958 g. Pod red. M. I. Sladkovskogo i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959 358 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [What to read in political economy; recommended list of literature] Chto chitat' po politicheskoi ekonomii; rekomendatel'nyi ukazatel' literatury. Moskva, (Biblioteka samoobrazovaniia)

Book 2. [Socialism] Sotsializm. 1960. 94 p.

[NEW FORMS OF EXPLOITATION AND THE WORKERS' MOVEMENT; materials on the exchange of opinions among Marxists in a number of European, American and Asiatic countries on the problem of the theory and practice of "human relations" in capitalistic enterprises] Novye formy ekspluatatsii i rabochee dvizhenie, materialy obmena mneniiami mezhdu marksistami riada stran Evropy, Ameriki i Azii po voprosu teorii i praktiki "chelovecheskikh otnoshenii" na kapitalisticheskikh predpriiatiiakh. Rim, 13-15 oktiabria 1958 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 343 p.

NEZNAKOMOVA, R. M., D. A. TSEITLIN, and A. I. SHURYGINA. [Retail prices for shoes] Roznichnye tseny na obuv'. Pod red. A. T. Kuznetsova. Sh. IA. Turetskogo. Moskva, Gos. izd-vo torg. lit-ry, 1959. 60 p.

OKHAPKIN, K. A. [Economic effectiveness of monetary wages on collective farms] Ekonomicheskaia effektivnost' denezhnoi oplaty truda v kolkhozakh. Moskva, Gosplanizdat, 1960. 217 p.

[ORGANIZATION OF INDUSTRIAL MANAGEMENT AND PLANNING; practice of the Moscow City Economic Council] Organizatsiia upravleniia i planirovaniia promyshlennosti, opyt Moskovskogo gorodskogo sovnarkhoza. Moskva, Gosplanizdat, 1960. 273 p.

[ORIGIN OF THE LABOR MOVEMENT AND DISSEMINATION OF MARXISM IN RUSSIA, 1883-1894] Nachalo rabochego dvizheniia i rasprostranenie marksizma v Rossii, 1883-1894 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 370 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

OSIPOV, I. Z. [Tataria's treasure] Sokrovishcha Tatarii. Kazan', Tatarskoe knizhnoe izd-vo, 1959. 246 p.
(NN)

OZEROV, L. S. [Struggle of the party for the socialist industrialization of the country and the preparation for the complete collectivization of agriculture, 1926-1929; materials for the course on the "History of the KPSU."] Bor'ba partii za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gody; materialy k lektsiiam po kursu "Istoriia KPSS." Moskva, Gos. Izd-vo "Vysshaia shkola," 1960. 109 p. (Materialy k lektsiiam po istorii KPSS)

PAVLOV, P. M. [Technological progress and the renovation of fixed assets] Tekhnicheskii progress i obnovlenie osnovnykh fondov. [Leningrad] Lenizdat, 1960. 53 p. (Izuchaiushchim ekonomiku promyshlennosti)

training personnel in an industrial enterprise] Perspektivnoe planirovanie podgotovki kadrov promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1960. 36 p. (Izuchaiushchim ekonomiku promyshlennosti)

POKATAEVA, T. S. [Condition of the working class in India] Polozhenie rabochego klassa Indii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 185 p.

[POLITICAL ECONOMY, textbook for students of economic theory] Politicheskaia ekonomiia, posobie v pomoshch' izuchaiushchim voprosy ekonomicheskoi teorii. [Leningrad] Lenizdat, 1960. 362 p

POMELOV, I P [Complete and decisive victory of socialism in the U S S. R.] O polnoi i okonchatel'noi pobede sotsializma v SSSR Moskva, Gos izd-vo polit. lit-ry, 1959 54 p. (Bibliotechka agitatora, no. 4)

[POSTAGE STAMPS OF THE CHINESE PEOPLE'S REPUBLIC; a catalog] Pochtovye marki Kitaiskoi Narodnoi Respubliki; katalog. Moskva, M-vo kul'tury RSFSR, Glav. filatelisticheskaia kontora, 1959. 63 p.

PROBST, A. E. [Method of determining the economic efficiency of modern technology] Ekonomicheskaia effektivnost' novoi tekhniki, metodologiia opredeleniia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 215 p.

PROTOPOPOV, B. S. [Eyesore] Bel'mo na glazu. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 93 p. (Massovaia biblioteka rabochego)

RAZNATOVS'KYI, I. M. [Organization of the national economy and its management in the Soviet Ukrainian State, 1945-1959] Hospodars'ko-organizators'ka diial'nist' Ukrains'koi Radians'koi derzhavy, 1945-1959 rr. Vyd-vo Akad. nauk URSR, 1959. 259 p.

ROGACHEVSKAIA, L. S. [The working class of the U.S.S.R. (1926-1929)] Rabochii klass SSSR, 1926-1929 gg. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 22)

ROSSIKHINA, S. V. [Russian toys] Russkaia narodnaia igrushka. Moskva, Vses. koop. izd-vo, 1959. 64 p. (Khudozhestvennye promysly RSFSR)

ROZHIN, V. P. [The nature of communism] Chto takoe kommunizm. [Leningrad] Lenizdat, 1959. 61 p.

RUSSIA (1923- U.S.S.R.) Biudzhetnoe upravlenie. [Local budgets of the U.S.S.R.; statistical collection] Mestnye biudzhety SSSR; statisticheskii sbornik. Moskva, Gosfinizdat, 1960. 326 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo vnutrennikh del. [Traffic regulations in the U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSSR. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 125 p.

RYNDINA, M. N. [Criticism of the economic theories of the revisionists] Kritika ekonomicheskikh teorii revizionistov. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 66 p.

SAL'KOVSKII, O. V. [Austria; characteristics of its economic geography] Avstriia, ekonomiko-geograficheskaia kharakteristika. Moskva, Gos. izd-vo geogr. lit-ry, 1959. 206 p.

SHARIIA, K. S. [Relationship between general and specific laws of social development] K voprosu o sootnoshenii obshchikh i spetsificheskikh zakonov obshchestvennogo razvitiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 115 p.

SHCHELOKOV, N. A. [Industry of the Moldavian S. S. R.] Promyshlennost' Moldavskoi SSR. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 117 p.

SHEVELEV, A. P. [Precast construction and its economic effectiveness] Sbornoe stroitel'stvo i ego ekonomicheskaia effektivnost'. Moskva, Gosplanizdat, 1960. 157 p.

SHIBAEVA, E. A. [International organizations in the field of transportation and communications] Mezhdunarodnye organizatsii v oblasti transporta i sviazi. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 105 p. (Mezhdunarodnye organizatsii)

SHIGALIN, G. I. [National economy of the U.S.S.R. during the Great Patriotic War] Narodnoe khoziaistvo SSSR v period Velikoi Otechestvennoi voiny. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 276 p.

allotments for consumer goods and how to determine them] Balansy tovarov narodnogo potrebleniia i metody ikh razrabotki. Moskva, Gosplanizdat, 1959. 165 p.
(MH)

SLAVIN, L. M. [V. I. Lenin on social progress] V. I. Lenin ob obshchestvennom progresse. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 2, Filosofiia, no. 19)

SLEPUKHIN, A. A. [For the victory of communist labor] Za pobedu kommunisticheskogo truda. [Leningrad] Lenizdat, 1960. 120 p. (7 velikikh let)

SOKHAN', L. V. [People in inspiring work] Liudi vdokhnovennogo truda. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 2, Filosofiia, no. 20)

SOKOLOV, A. A., and A. IA. STEPANOV. [Financing and issuing credit to the machinery industry] Finansirovanie i kreditovanie mashinostroitel'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 247 p.

[SOVIET MOLDAVIA] Sovetskaia Moldaviia. Kishinev, Gos. izd-vo Moldavii, 1957. 1 v. (chiefly illus.)

STROGOV, I. [For you and me] Dlia nas s vami. [Leningrad] Lenizdat, 1959. 45 p.

STRUMILIN, S. G., ed. [Dictionary of the seven-year plan from A to Z] Slovar' semiletki ot A do IA. Moskva, Gos. izd-vo polit. lit-ry, 1960. 397 p.

[SUCH PEOPLE WILL NOT LET YOU DOWN] Takie ne podvedut. [Moskva] Mosk. rabochii, 1960. 122 p.

SUROV, S. V. [Guarding the Republic, duties of volunteer brigades in insuring peace in the community] Svoei respubliki storozha, budni dobrovol'nykh narodnykh druzhin po okhrane obshchestvennogo poriadka. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 44 p.

TATARIAN, G. A. [Specialization and cooperation under the new conditions of industrial management] Spetsializatsiia i kooperirovanie v novykh usloviiakh upravleniia promyshlennost'iu. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 30 p.
[MICROFILM]

[TRADE-UNION GROUP ORGANIZER'S GUIDE, trade unions in our country; how to organize work in the trade-union group; for the trade-union group organizer on the seven-year plan; concise economics dictionary; legal advice, for the notebook of the trade-union group organizer] Sputnik profgruporga: Professional'nye soiuzy nashei strany, Kak organizovat' rabotu v profgruppe, Profgruporgu o semiletke, kratkii ekonomicheskii slovar'; IUridicheskaia konsul'tatsiia; V bloknot profgruporga. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 286 p.

[TRANSITION OF LENINGRAD ENTERPRISES TO A SHORTER WORKDAY] Opyt perekhoda leningradskikh predpriiatii na sokrashchennyi rabochii den'. [Leningrad] Lenizdat, 1960. 69 p. (Izuchaiushchim ekonomiku promyshlennosti)

[TRANSITION TO A SHORTER WORKDAY AND NEW WAGE SCHEDULE IN THE PRINTING INDUSTRY; recommendations] Perevod na sokrashchennyi rabochii den' i novye usloviia oplaty truda v poligrafii; rekomendatsii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 125 p.

TREVELYAN, G. M. [English social history; a survey of six centuries, from Chaucer to Queen Victoria. Translated from the English. Preface by B. Semenov] Sotsial'naia istoriia Anglii, obzor shesti stoletii ot Chosera do korolevy Viktorii. Moskva, Izd-vo inostr. lit-ry, 1959. 589 p.

TSEITLIN, M. A. [Problems of compiling indices of industrial production] Voprosy postroeniia pokazatelei promyshlennoi produktsii. Moskva, Gosstatizdat, TsSU SSSR, 1960. 102 p.

TSYNKOS, M. IU. [Economics of animal husbandry in the Moscow area] Ekonomika zhivotnovodstva Podmoskovnogo raiona. [Moskva] Mosk. rabochii, 1958. 71 p.
(DA)

VAINSHTEIN, E. G., and M. M. IAMPOL'SKII. [Issuing credit for fixed assets] Kreditovanie zatrat v osnovnye fondy. Moskva, Gosfinizdat, 1960. 78 p.

VASIL'EV, P.G., and others. [Finance of capitalistic states, textbook] Finansy kapitalisticheskikh gosudarstv, uchebnoe posobie. Moskva, M-vo vysshego i srednego spetsial'nogo obrazovaniia SSSR. Vses. zaochnyi finansovo-ekon. in-t, 1959. 434 p.

VASIL'EV, P.V., and others, eds. [Economics of Soviet forestry] Ekonomika lesnogo khoziaistva SSSR. Moskva, Goslesbumizdat, 1959. 371 p.
(NNC)

VASILEVSKII, E.G. [Ideological struggle relating to the agrarian reform of Stolypin] Ideinaia bor'ba vokrug stolypinskoi agrarnoi reformy. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 225 p.

VASILEVSKII E.G. [Origin of vulgar political economy] Vozniknovenie vul'garnoi politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 78 p. (Materialy k lektsiiam po politicheskoi ekonomii)

VEITSMAN, N.R. [Financial statements of monopolies reveal...] Balansy monopolii svidetel'stvuiut... Moskva, Izd-vo IMO, 1960. 30 p.

VEITSMAN, N.R. [Report figures speak, analysis of economic indices at the regular production conferences of enterprises] Govoriat tsifry otcheta; analiz khoziaistvennykh pokazatelei na postoianno deistvuiushchikh proizvodstvennykh soveshchaniiakh predpriiatii. Moskva, Gosfinizdat, 1960. 16 p.

VLASENKO, V.E. [Monetary reform in Russia, 1895-1898] Denezhnaia reforma v Rossii, 1895-1898 gg. Kiev, Izd-vo Akad. nauk USSR, 1949. 217 p.

VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Weekly program for the Exhibition of Achievements of the Soviet National Economy] Programma na nedeliu. Moskva.
No. 12. [March 21-27, 1960] S 21 po 27 marta. 1960. 28 p.

WANG, YA-NAN. [Studies in the economic forms of semifeudal and semicolonial China. Translated from the Chinese] Issledovanie ekonomicheskikh form polufeodal'nogo, polukolonial'nogo Kitaia. Moskva, Sotsekgiz, 1959. 394 p.
(MH)

WU CHIANG. [Problems of transforming capitalist industry and commerce in the Chinese People's Republic. Translated from the Chinese] Voprosy preobrazovaniia kapitalisticheskoi promyshlennosti i torgovli v KNR. Obshchai red. i predisl. V.A. Zhamina. Moskva, Izd-vo inostr. lit-ry, 1960. 574 p.

ZAVILOVICH, M.A. [Planning organization of the national economy of the U.S.S.R., textbook for the course "Planning the national economy of the U.S.S.R.] Organizatsiia planirovaniia narodnogo khoziaistva SSSR." [Leningrad] M-vo torgovli RSFSR. Leningr. In-t sovetskoi torgovli im. Fr. Engel'sa, 1959. 142 p.

ZHEBRAK, M.KH. [Course in industrial accounting] Kurs promyshlennogo ucheta. Izd 8., perer. Moskva, Gos. stat. izd-vo, 1960. 398 p.

ZHEVTIAK, P.N. [Financial planning in an industrial enterprise] Finansovoe planirovanie na promyshlennom predpriiatii. Moskva, Gosfinizdat, 1960. 133 p.

ZHUKOVSKII, IA. M. [Socialist property] Sotsialisticheskaia sobstvennost'. Moskva, Izd-vo sotsial'no-ekon lit-ry, 1959. 93 p. (V pomoshch' izuchaiushchim politekonomiiu)

ZLOBIN, P.I. [Accounting for capital investments and their financing; based on the builder's balance] Uchet kapital'nykh vlozhenii i ikh finansirovaniia; na balanse zastroishchika. Moskva, Gos. stat. izd-vo, 1960. 171 p.

ZLOBIN, S.P. [Without taxes, without war!] Bez nalogov, bez voiny! Moskva, Gos. izd-vo polit. lit-ry, 1960. 31 p.

ZUBKOV, A.I. [Prospects for the development of the industrial centers of Eastern Siberia] Perspektivy razvitiia promyshlennykh uzlov Vostochnoi Sibiri. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 21)

6. POLITICAL SCIENCE

AGADZHANOV, M.V. [G.K. Ordzhonikidze's struggle for the establishment of a national policy in the Transcaucasian Communist Party, 1921-1926] G.K. Ordzhonikidze v bor'be za osushchestvlenie natsional'noi politiki Kommunisticheskoi partii v Zakavkaz'e, 1921-1926 gg. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 95 p.

AGAFONOVA, N.D. [It is essential to know how to approach people] Glavnoe - umelyi podkhod k liudiam. [Leningrad] Lenizdat, 1960. 58 p. (Iz opyta sel'skikh agitatorov)

AGZAMKHODZHAEV, A., and SH. Z. URAZAEV. [Development of the Soviet Uzbek state] Razvitie sovetskoi gosudarstvennosti v Uzbekistane. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 125 p.

ALTMYSHBAEV, A. [How the CPSU struggled for the dissemination of Marxist-Leninist ideas in Kirghizistan] K istorii bor'by KPSS za rasprostranenie idei marksizma-leninizma v Kirgizii. Pod red. K.K. Orozalieva. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 37 p.

[ALWAYS WITH THE PEOPLE, from experience in mass political work of Moscow party organization] Vsegda s narodom, iz opyta massovo-politicheskoi raboty partorganizatsii g. Moskvy. [Moskva] Mosk. rabochii, 1960. 121 p.

BARTEL, WALTER. [The Left in the German Social-Democratic Party in the struggle against militarism and war. Translated from the German. Preface by I. G. Kabin] Levye v germanskoi sotsial-demokratii v bor'be protiv militarizma i voiny. Moskva, Izd-vo inostr. lit-ry, 1959. 699 p.

BEL'SON, IA. M. [Present-day bourgeois states and "national representation"] Sovremennoe burzhuaznoe gosudarstvo i "narodnoe predstavitel'stvo." Moskva, Gos. izd-vo iurid. lit-ry, 1960. 198 p.

BIELOUSOV, V.I. [On the road to victory; history of the Communist organization in the Transcarpathian Ukraine, 1929-1938] Na shliakhu do peremohy, z istorii komunistychnoi organizatsii Zakarpats'koi Ukrainy 1929-1938 rr. Uzhhorod, Zakarpats'ke oblasne vyd-vo, 1958. 237 p.
(DS)

BREGADZE, G.V. [International cooperation of socialist nations. Internatsional'noe sodruzhestvo sotsialisticheskikh natsii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1960. 146 p. [In Georgian.]

BUZUEV, V.M., and V.P PAVLICHENKO. [Pugwash means peace, the international movement of scientists for the prevention of atomic war] Paguosh - eto mir; mezhdunarodnoe dvizhenie uchenykh za predotvrashchenie iadernoi voiny. Moskva, Izd-vo Akad. nauk SSSR, 1960. 88 p. (Nauchno-populiarnaia seriia)

CHERNOGOLOVKIN, N.V. [The function of the Soviet state during the large-scale build-up of communism] Funktsii Sovetskogo gosudarstva v period razvernutogo stroitel'stva kommunizma. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 190 p.

CHESNOKOV, D.I. [From the state to self-government] Ot gosudarstvennosti k obshchestvennomu samoupravleniiu. Moskva, Gos. izd-vo polit. lit-ry, 1960. 45 p. (Bibliotechka znanii o kommunizme)

DMITRIEV, A.M. [Practical implementation of the Leninist rules of party work] Leninskie normy partiinoi zhizni v deistvii. [Leningrad] Lenizdat, 1960. 68 p.

DZIUBKO, I.S. [The solution of the nationalities problem in the Czechoslovak People's Democracy] Rozv'iazannia natsional'noho pytannia v narodno-demokratychnii Chekhoslovachchyni. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T.H. Shevchenka, 1959. 151 p.

EPISKOPOSOV, G.L. [Technological progress and the problem of preserving the peace] Tekhnicheskii progress i problema sokhraneniia mira. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 58 p.

GEORGIA (Transcaucasia) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Georgian S.S.R., fourth session; verbatim report. Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva (chetvertaia sessiia), stenograficheskii otchet. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1958. 142 p. [In Georgian.]

GEORGIA (Transcaucasia) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Georgian S.S.R., sixth session, November 27-28, 1958; verbatim report] Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva (shestaia sessiia) 27-28 noiabria 1958 goda, stenograficheskii otchet. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1959. 243 p.

[GUIDE OF AN ACTIVIST MEMBER OF THE COMMUNIST YOUTH LEAGUE; notebook] Sputnik komsomol'skogo aktivista; zapisnaia knizhka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 334 p.

KHRUSHCHEV, N.S. [Speech at the Third Congress of the Rumanian Workers' Party, June 21, 1960. Speech at the meeting of Bucharest workers, June 25, 1960] Rech na III s''ezde Rumynskoi rabochei partii 21 iiunia 1960 goda. Rech' na mitinge trudiashchikhsia v Bukhareste 25 iiunia 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1960. 45 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA, Vysshaia partiinaia shkola. [The Soviet people guard the observance of socialist legality] Sovetskaia obshchestvennost' na strazhe sotsialisticheskoi zakonnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 273 p.

KOMMUNISTICHESKAIA PARTIIA UKRAINY Cherkasskii oblastnoi komitet. [History of the Bolshevik organization in the Cherkassy region, a collection of reminiscences by participants in the revolutionary events of 1917-1920] Do istorii bil'shovyts'kykh orhanizatsii na Cherkashchyni, zbirnyk spohadiv uchasnykiv revoliutsiinykh podii 1917-1920 rr. Cherkasy, Cherkas'ke obl. vyd-vo, 1958. 156 p.
(NNC)

KONFERENTSIIA SOVETSKOI OBSHCHESTVENNOSTI ZA RAZORUZHENIE. Moscow, 1960. [Conference of the Soviet Society for Disarmament, Moscow, 1960, a collection of materials and documents] Sbornik materialov i dokumentov. Moskva, Gos. izd-vo polit. lit-ry, 1960. 173 p.

KONIUKHOVSKII, V.N., and N.M. OVSIANNIKOV. [The 21st Congress of the CPSU on the political objectives of the party during the carrying out of the seven-year plan] XXI s''ezd KPSS o politicheskikh zadachakh partii v period osushchestvleniia semiletnego plana. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 1, Istoriia, no. 23)

KOZLOV, V.K. [Triumph of the Leninist nationality policy of the CPSU] Torzhestvo leninskoi natsional'noi politiki KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1960. 91 p.

KOZLOVA, E.I. [Executive committees of the city soviets of workers' deputies] Ispolnitel'nye komitety gorodskikh sovetov deputatov trudiashchikhsia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 97 p.

KRYLOV, S.B. [A history of the founding of the United Nations, the drafting of the text of the charter of the United Nations, 1944-1945] Istoriia sozdaniia Organizatsii Ob''edinennykh Natsii; razrabotka teksta Organizatsii Ob''edinennykh Natsii, 1944-1945. Pod. red. G.I. Tunkina. Moskva, Izd-vo IMO, 1960. 342 p.

LEONIDOV, A. [Away with arms!] Vooruzheniia - na slom! Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 90 p.

MAKHONEK, T.A. [Notes of a propagandist] Zapiski propagandista. Moskva, Gos. izd-vo polit. lit-ry, 1958. 45 p. (Voprosy partiinogo stroitel'stva)

[A MODEL CURRICULUM FOR POLITICAL SCHOOLS. Primernyi uchebnyi plan dlia politshkol. Tbilisi, Izd-vo TsK KP Gruzii] 1959. 15 p. [In Georgian.]

MOLCHANOV, N.N. [Western Europe unity or separation?] Zapadnaia Evropa: raskol ili edinstvo? Moskva, Izd-vo "Znanie," 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu polit. i nauchn. znanii. Ser. 7, Mezhdunarodnaia, no. 15)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. Kafedra istorii mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia. [Some problems in international relations; collected articles] Nekotorye voprosy mezhdunarodnykh otnoshenii, sbornik statei. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 273 p.

[THE MOST MILITANT AND ACTIVE CELL] Samoe boevoe i operativnoe zveno. [Leningrad] Lenizdat, 1959. 33 p. (Bibliotechka sekretaria partiinoi organizatsii)

PEREVERTAILO, A.S. [Governmental system of China, verbatim report of a public lecture delivered at the Lecture Hall in Moscow on May 22, 1946] Gosudarstvennyi stroi Kitaia, stenogramma publichnoi lektsii, prochitannoi 22 maia 1946 goda v Lektsionnom zale v Moskve. Moskva, Vses. lektsionnoe biuro pri M-ve vysshego obrazovaniia SSSR, 1946. 23 p.

PETROV, V.S. [The Soviet state in the period of large-scale building of communism] Sovetskoe gosudarstvo v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 43 p.

DZHARYI, F. D. [How the Communist Party of the Ukraine struggled for the victory of the collective farm system] Komunistychna partiia Ukrainy v borot'by za peremohu kolhospnoho ladu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 100 p.

OPKOV, V. D. [Governmental system of the U. S. S. R.] Gosudarstvennoe ustroistvo SSSR. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 81 p.

OTEMKIN, V. P. [History of diplomacy] Istoriia diplomatii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 1. 1959.
(NN)

PRAVDYCHENKO, H. A. [What it means to be a Soviet patriot] Shcho oznachalo buty radians'kym patriotom. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1960. 29 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo inostrannykh del. [Diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve
——— [March] Mart 1949. 118 p.
——— [July] Iiul' 1950 132 p.
——— [August] Avgust 1951. 131 p.
——— [January] IAnvar' 1952 131 p.
——— [September] Sentiabr' 1953 128 p.
——— [July] Iiul' 1954. 120 p
——— [July] Iiul' 1955. 132 p
——— [February] Fevral' 1955. 129 p
——— [July] Iiul' 1960. 126 p

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the U. S. S. R., fifth session, May 5-7, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta SSSR piatogo sozyva; piataia sessiia (5-7 maia 1960 g). Stenograficheskii otchet. [Moskva] 1960. 310 p.

SERDITOVA, S N. [Struggle of the Bolsheviks for women workers, 1903-February 1917] Bol'sheviki v bor'be za zhenskie proletarskie massy, 1903 g.-fevral' 1917 g Moskva, Gos. izd-vo polit lit-ry, 1959. 133 p.

SHEKHVATOV, B. M. [Lenin and the Soviet state; how V. I. Lenin tried to improve the administration of the Soviet state, 1921-1922] Lenin i Sovetskoe gosudarstvo, deiatel'nost' V. I. Lenina po sovershenstvovaniiu gosudarstvennogo upravleniia, 1921-1922. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 313 p.

SOKOLOV, A. A. [Stimulating words] Zhivoe slovo. Moskva, Gos. izd-vo polit. lit-ry, 1960. 47 p. (Voprosy partiinogo stroitel'stva)

SOLOVKOV, A. K., and G. A. MENCHINOV. [Main direction] Glavnoe napravlenie. Moskva, Gospolitizdat, 1959. 70 p *(Voprosy partiinogo stroitel'stva)*
(MH)

SVERDLOV, IA. M. [Selected works in three volumes] Vybrani tvory v tr'okh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.
Vol. 1. 1960. 385 p.

TOVMASIAN, S. A. [Report of the Central Committee of the Communist Party of Armenia to its 21st Congress, February 10, 1960] Otchetnyi doklad TsK KP Armenii XXI s"ezdu Kommunisticheskoi Partii Armenii, 10 fevralia 1960 goda. Erevan, Armianskoe gos. izd-vo, 1960. 102 p.

TRAVNITSKII, V. A. [Agitation by means of visual aids] Sredstvami nagliadnoi agitatsii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p. (Bibliotechka agitatora, no. 11)

UKSUSOV, D. I. [Permanent propaganda centers] Postoianno deistvuiushchii agitpunkt. Moskva, Gos. izd-vo polit. lit-ry, 1960. 39 p. (Bibliotechka agitatora)

VSESOIUZNYI LENINSKII KOMMUNISTICHESKII SOIUZ MOLODEZHI. Pskovskii oblastnoi komitet. Ocherki po istorii Komsomola Pskovskoi oblasti. [Pskov] Izd-vo gazety "Pskovskaia pravda," 1959. 125 p.
(NNC)

WHITE RUSSIA. Verkhovnyi Sovet. [The first session of the Fifth Supreme Soviet of the White Russian S. S. R., April 7-9, 1959; verbatim report] Pershaia sesiia Viarkhounaha Saveta Belaruskai SSR, piataha sklikannia, 7-9 krasavika 1959 goda. Stenagrafichnaia spravazdacha. Minsk, Dziarzh. vyd-va BSSR, 1959. 259 p.

WHITE RUSSIA. Verkhovnyi Sovet. [The second session of the Fifth Supreme Soviet of the White Russian S. S. R., November 19-20, 1959, verbatim report] Vtoraia sessiia Verkhovnogo Soveta Belorusskoi SSR piatogo sozyva, 19-20 noiabria 1959 goda, stenograficheskii otchet. Minsk, Gos. izd-vo BSSR Red. sotsial'no-ekon lit-ry, 1960. 275 p.

[YEARS OF BATTLE; history of the party organization in Orenburg Province] Gody bor'by, iz istorii Orenburgskoi oblastnoi partiinoi organizatsii. [Orenburg] Orenburgskoe knizhnoe izd-vo.
Vol. 1. 1905-1925 gg. 1959.
(MH)

ZDIR, IA. A. [Soviet agencies of state control] Gosudarstvennye inspektsii v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 132 p.

7. LAW

AKADEMIIA NAUK SSSR. Institut prava. [Constitutional law in the people's democracies] Voprosy gosudarstva i prava stran narodnoi demokratii, sbornik statei. Pod obshchei red. V. F. Kotoka i N. P. Farberova. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 255 p.

AKADEMIIA NAUK SSSR. Institut prava. [Critical evaluation of bourgeois reformist and revisionist theories in the field of the state and law] Kritika burzhuazno-reformistskikh i revizionistskikh teorii v voprosakh gosudarstva i prava. Pod red. S. A. Pokrovskogo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 285 p.

ALEKSANDROV, I. G., and others. [Basic theoretical principles of the state and law] Osnovy teorii gosudarstva i prava. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 438 p.

ALEKSEEV, S. S [Liability for the failure to fulfill the plan of railroad freight transportation] Grazhdanskaia otvetstvennost' za nevypolnenie plana zheleznodorozhnoi perevozki gruzov Moskva, Gos. izd-vo iurid lit-ry, 1959. 175 p.

ANISIMOVA, T. B., and S. V. SOLOV'EVA. [Leninist principles of socialist legality] Leninskie printsipy sotsialisticheskoi zakonnosti. Moskva, Izd-vo "Znanie," 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 23)

ARZHANOV, M. A. [Correlation between the state and law] Gosudarstvo i pravo v ikh sootnoshenii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 285 p.

BARYSHEV, A. I. [Acquisition of inherited property and its legal consequences] Priobretenie nasledstva i ego iuridicheskie posledstviia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 94 p.

[BASIC ACTS CONCERNING LOCAL ORGANS OF THE STATE GOVERNMENT IN THE DEMOCRATIC REPUBLIC OF VIETNAM, THE KOREAN PEOPLE'S DEMOCRATIC REPUBLIC, AND THE MONGOLIAN PEOPLE'S REPUBLIC, a collection of documents] Osnovnye normativnye akty o mestnykh organakh gosudarstvennoi vlasti i upravleniia Demokraticheskoi Respubliki V'etnam, Koreiskoi Narodno-Demokraticheskoi Respubliki i Mongol'skoi Narodnoi Respubliki; sbornik dokumentov. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 214 p. (Mestnye organy gosudarstvennoi vlasti i upravleniia zarubezhnykh sotsialisticheskikh gosudarstv)

[EMPLOYMENT, TRANSFER, AND DISMISSAL OF WORKERS AND EMPLOYEES] Priem na rabotu, perevody i uvol'neniia rabochikh i sluzhashchikh. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 34 p. (IUridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh, no. 1)

GEORGIA (Transcaucasia) Laws, statutes, etc. [Chronological collection of the laws of the Georgian S. S. R.; the decrees of its Supreme Soviet, and the enactments of its Government, 1921-1940] Khronologicheskii sbornik zakonov Gruzinskoi SSR, ukazov prezidiuma Verkhovnogo Soveta i postanovlenii pravitel'stva Gruzinskoi SSR, 1921-1940 g. g. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo." In Georgian.]
Vol. 1. 1959. 465 p.

KOPELIANSKAIA, S. E. [Legal status of women and children in the U. S. S. R.] Prava materi i rebenka v SSSR. Izd. 3. Moskva, Gos. izd-vo med. lit-ry, 1960. 138 p. (Nauchno-populiarnaia meditsinskaia literatura)

KOZYR', M. I., and N. I. KRASNOV. [Legal problems in the further development of collective farms in the U. S. S. R.] Pravovye voprosy dal'neishego razvitiia kolkhoznogo stroia v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 70 p.

LOGINOV, P. V. [Preparation of civil cases for trial] Predvaritel'naia podgotovka grazhdanskikh del k slushaniiu v sude. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 145 p.

MOSCOW. UNIVERSITET. IUridicheskii fakul'tet. [Theoretical and practical commentaries on the law on criminal responsibility for political crimes] Nauchno-prakticheskii kommentarii k zakonu ob ugolovnoi otvetstvennosti za gosudarstvennye prestupleniia. Otv. red. V. D. Men'shagin, P. S. Romashkin. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 70 p.

NOVITSKII, I. B. [Basic principles of Roman civil law] Osnovy rimskogo grazhdanskogo prava. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 239 p.

PASHERSTNIK, A. E. [Basic principles of Soviet labor law] Osnovy sovetskogo trudovogo prava Moskva, Vysshaia partiinaia shkola pri TsK KPSS, 1956 59 p

[PENSIONS IN THE U. S. S. R., collection of official materials] Pensionnoe obespechenie v SSSR, sbornik ofitsial'nykh materialov. Izd. 2., dop i perer. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 401 p.

RAMZAITSEV, D. F. [Arbitration in merchant marine] Arbitrazh v torgovom moreplavanii. Moskva, Izd-vo "Morskoi transport," 1960. 130 p.

SCHUBERT, LADISLAV. [Harmful social effects of criminal offenses. Translated from the Slovak] Ob obshchestvennoi opasnosti prestupnogo deianiia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 237 p.

SEREBROVSKII, V I. [Legal protection of scientific discoveries in the U S S R] Pravovaia okhrana nauchnykh otkrytii v SSSR Moskva, Izd-vo Akad. nauk SSSR, 1960 71 p

SOFRONENKO, K. A. [The Code of 1649, a digest of Russian feudal law] Sobornoe ulozhenie 1649 goda—kodeks russkogo feodal'nogo prava. Moskva, Mosk. gos. univ. im. M. V. Lomonosova. IUrid. fakul'tet, 1958. 57 p.

[THE TRIAL OF FRANCIS H. POWERS, AMERICAN FLIER AND SPY, August 17-19, 1960] Sudebnyi protsess po ugolovnomu delu amerikanskogo letchika-shpiona Frensisa G. Pauersa, 17-19 avgusta 1960 goda. Moskva, Gos. izd-vo polit. lit-ry, 1960. 183 p.

VLASOV, V. A., and S. S. STUDENIKIN. [Soviet administrative law] Sovetskoe administrativnoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1959. 534 p.

WOLFF, M. [Private international law. Translated from the English] Mezhdunarodnoe chastnoe pravo. Moskva, Gos. izd-vo inostr. lit-ry, 1948. 702 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Moscow. Institut metodov obucheniia. [Technical education practices in city schools] Opyt tekhnicheskogo obucheniia v gorodskoi shkole. Moskva, 1959. 164 p.
(NNC)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Formation of students' personalities in groups] Formirovanie lichnosti shkol'nika v kollektive. Moskva, 1959. 70 p. (Pedagogicheskie chteniia)

BOGDANOVA, O. S. [Leisure of primary school students] Dosug mladshego shkol'nika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 47 p. (Roditeliam o vospitanii)

CHEREVADSKAIA, E. E. [Cultural mass work in motion-picture theaters] Kul'turno-massovaia rabota na kinoustanovkakh. Moskva, Gos. izd-vo "Iskusstvo," 1960. 110 p.

DANIELSEN, EGIL. [With javelin to new records] S kop'em k rekordam, literaturnaia zapis' Finna Nurstrema. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 100 p.

DOGADIN, M. E. [Training of women gymnasts] Trenirovka gimnastok, posobie dlia trenerov i gimnastok starshikh razriadov. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 158 p.

DUMBADZE, N., M. KARCHAVA, and Z. BOLKVADZE. [Tiflis "Dinamo"] "Dinamo" Tbilisi. Tbilisi [Izd-vo TsK KP Gruzii] 1960. 31 p.

DZHEROIAN, G. O., and N. A. KHUDADOV. [Boxing for students] Boks shkol'niku, nachal'noe obuchenie. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 130 p.

EZHOV, V. A., IU. D. MARGOLIS, and S. L. PESHTICH. [How to prepare yourself to take college entrance examinations, the history of the U. S. S. R.] Kak gotovit'sia k priemnym ekzamenam v vuz, istoriia SSSR. [Leningrad] Leningr. univ., 1959. 98 p.
(NNC)

FIRSOV, Z. P. [In Olympic swimming pools] V olimpiiskikh basseinakh. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 222 p.

[FROM STUDY TO WORK] Ot ucheby k trudu. Moskva, Vses. uchebno-pedagog izd-vo Proftekhizdat, 1960. 104 p.

GANDEL'SMAN, A. B., and K. M. SMIRNOV. [Physical education for children of school age; medical and biological principles] Fizicheskoe vospitanie detei shkol'nogo vozrasta, mediko-biologicheskie osnovy. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 235 p.

KOZLOV, I. P., and I. I. KUPERMAN. [Our victory...] My pobedili... Moskva Gos. izd-vo "Fizkul'tura i sport," 1960. 254 p.

KRAKOVIAK, G. M. [Good posture, hygienic principles Manual for teachers and parents] Vospitanie osanki, gigienicheskie osnovy, posobie dlia uchitelei i roditelei. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 134 p.

KULESHOV, A. P. [Sport reporter's notes] Zapiski sportivnogo zhurnalista Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 255 p.

LEVINSON, L. S., and T. M. GEORGIEVSKAIA, comps. [Learn and play, a collection of games in the German language. A manual for teachers for grades 5-10 in secondary schools] Lernen and spielen. Uchit'sia i igrat, sbornik igr na nemetskom iazyke. Posobie dlia uchitelei V-X klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 103 p.

MACHINSKII, V. I. [Physical education in the day's schedule] Fizicheskaia kul'tura v rezhime dnia. Izd. 2-e dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 344 p.

MOROZ, R. P. [Develop your strength, exercises with dumbbells, weights, chestpull, and exerciser] Razvivaite silu; uprazhneniia s ganteliami, giriami, espanderom i rezinovym amortizatorum. Izd. 3. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 70 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. Kafedra filosofii. [Problems of communist education] Problemy kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 218 p.

MOSCOW. GOSUDARSTVENNAIA BIBLIOTEKA PO NARODNOMU OBRAZOVANIIU. [Bibliography of publications of the Academy of Pedagogical Sciences of the R. S. F. S. R. during 1958] Bibliografiia izdanii Akademii pedagogicheskikh nauk RSFSR za 1958 god. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 94 p.

POVARNIN, S. I. [How to read a book] Kak chitat' knigi. [Leningrad] Izd-vo Leningr. univ., 1960. 86 p.'

PUSHKAREV, K. M. [This is how champions are made] Tak stanoviatsia chempionami. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 171 p.

[RECOMMENDED STUDY PLANS FOR THE COMMUNIST YOUTH LEAGUE SCHOOLS OF POLITICAL EDUCATION; the 1959-1960 school year] Prymirni navchal'ni plany systemy komsomol's'koi politychnoi osvity, 1959-1960 navchal'nyi rik. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1959. 33 p.

ROZHDESTVENSKAIA, V. I. [Speech therapy for stuttering children of preschool age, handbook for instructors of speech therapy] Vospitanie rechi zaikaiushchikhsia doshkol'nikov; posobie dlia uchitelei-logopedov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 63 p.

SHVALEVA, A. A. [Inculcating independence in small children] Vospitanie samostoiatel'nosti u malen'kikh detei. Pod red. A. T. Markovoi. Moskva, Izd-vo Akad pedagog. nauk RSFSR, 1959. 23 p. (Knigi dlia roditelei)

SMIRNOV, L. A. [Inspection of the department of public education and the schools] Inspektirovanie otdela narodnogo obrazovaniia i shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 111 p.

[TABLES FOR EVALUATING RESULTS IN TRACK] Tablitsy otsenki rezul'tatov v legkoi atletike. Moskva, Gos. izd-vo Fizkul'tura i sport, 1959 339 p.

UKRAN, M. L., and A. A. SHKOLENOK. [Exercises on the horizontal bar] Uprazhneniia na perekladine. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960 167 p.

VERKHOLASHIN, V. K. ["Dinamo" Club members] Dinamovtsy. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 237 p.

VESSEL', N. KH. [Essays on general education and the system of public education in Russia] Ocherki ob obshchem obrazovanii i sisteme narodnogo obrazovaniia v Rossii. Sost. V. IA. Struminskii. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 318 p.

VTORAIA NAUCHNAIA SESSIIA PO DEFEKTOLOGII, Moscow, 1958. [Transactions of the Second Session on Defectology. Moscow, 1958] Trudy. Pod red. A. I. D'iachkova i V. I. Lubovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 211 p.

[WHERE TO STUDY, handbook for students entering institutions of higher learning and secondary schools (technical schools) of Moscow and Moscow Province in 1960] Kuda poiti uchit'sia; spravochnik dlia postupaiushchikh v vysshie i srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly) Moskvy i Moskovskoi oblasti v 1960 godu. [Moskva] Izd-vo "Moskovskaia pravda."
Vol. 14. 1960. 263 p

ZALUTSKII, G. V., and P. G. BAD'IN. [Nadezhda Priakhina, world champion] Chempionka mira Nadezhda Priakhina. Moskva, Izd-vo DOSAAF, 1960. 45 p.

ZVEREV, I. D. [Use of anatomical and physiological knowledge by students in practical activity] Primenenie uchashchimisia anatomo-fiziologicheskikh znanii v prakticheskoi deiatel'nosti. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 89 p.

9. MUSIC, THEATER & MOTION PICTURES

[AMATEUR MOTION PICTURES] Samodeiatel'noe kino. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 212 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 3)

DOMBAEV, G. S. [P. I. Chaikovskii and world culture] P. I. Chaikovskii i mirovaia kul'tura. [Moskva, Sovetskii kompozitor, 1958] 87 p.
(NNC)

EFIMOV, V. A. [Elementary theory of music] Elementarnaia teoriia muzyki. Izd. 3. ispr. i dop. Minsk, Gos. izd-vo BSSR, Red. Muzykal'noi lit-ry, 1959. 165 p.
(NhD)

[FRYDERYK CHOPIN, articles and studies of Soviet musicologists] Friderik Shopen; stat'i i issledovaniia sovetskikh muzykovedov. Moskva, Gos. muzykal'noe izd-vo, 1960. 410 p.

GLAZUNOV, studies, materials, publications, letters. In two volumes] Glazunov; issledovaniia, materialy, publikatsii, pis'ma. V dvukh tomakh. Leningrad, Muzgiz. (Muzykal'noe nasledie)
Vol. 2. 1960. 566 p.

GOLUBEV, P. V. [Boris Romanovich Gmyria; notes of a pedagogue] Boris Romanovich Gmyria; zapiski pedagoga. Moskva, Gos. muzykal'noe izd-vo, 1959. 59 p. (Muzykanty-ispolniteli)

KARAGICHEVA, L. V. ["Seven beauties", and "Tropical thunder", ballets by Kara Karaev] Balety Kara Karaeva: "Sem' krasavits," "Tropoiu groma." Moskva, Gos. muzykal'noe izd-vo, 1959. 86 p.

KHESSIN, A. B. [My reminiscences] Iz moikh vospominanii. Moskva, Vseros. teatral'noe ob-vo, 1959. 245 p.
(NN)

KONDRAT'EVA, M. L., and S. A. KONDRAT'EV. [The Komi folk song] Komi narodnaia pesnia. Pod obshchei red. S. V. Aksiuka. Moskva, Sovetskii kompozitor, 1959. 144 p.

KONEN, V. D [Schubert] Shubert Izd 2., dop. Moskva, Gos. muzykal'noe izd-vo, 1959. 302 p.

[MAIDEN WENT THROUGH THE WOODS; a Polish folk song] Shla devitsa po lesochku; pol'skaia narodnaia pesnia. Moskva, Muzgiz, 1954. 23 p. (Repertuar khorovykh kollektivov khudozhestvennoi samodeiatel'nosti)
(CLU)

MASS, V. Z. [I love, I love, comic sketches] Liubliu, liubliu, vodevil. Moskva, Iskusstvo, 1960. 154 p.
(MH)

[MOSCOW THEATERS, reference book] Teatry Moskvy, spravochnik. [Moskva] Mosk. rabochii, 1960. 170 p.

ORLOV, G. A. [V. Shcherbachev, Fifth symphony] V. Shcherbachev; piataia simfoniia. Leningrad, Sovetskii kompozitor, 1959. 12 p. (V pomoshch' liubiteliu muzyki)
(CLU)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kul'tury. [Motion-picture theaters for the working class of the Russian Federation] Kinoobsluzhivanie trudiashchikhsia Rossiiskoi Federatsii. Moskva, [Izd-vo "Detskii mir"] 1960. 10 p.

SHAPOVALOV, S. A. [Aspects of the economics of film rental in the U. S. S. R.] Voprosy ekonomiki prokata kinofil'mov v SSSR. Pod red. V. G. Chernova. Moskva, Gos. izd-vo "Iskusstvo," 1960. 77 p.

SHOL'P, A E [B N Liatoshynskyi's Third Symphony; an explanation] Tret'ia simfoniia B N. Liatoshinskogo, poiasnenie. Moskva, Sovetskii kompozitor, 1959. 22 p.

[THE STAGE DIRECTOR AND THE THEATER GROUP] Rezhisser i kollektiv, sbornik statei. Moskva, Gos. izd-vo "Iskusstvo,"
No. 1. 1960. 125 p.

STRUVE, B. A. [The evolution of the viola and violin] Protsess formirovaniia violi i skripok. Moskva, Gos. muzykal'noe izd-vo, 1959. 266 p., illus.

TOBILEVYCH, SOFIIA. [Dear guests] Ridni hosti. Niu Iork, Vyd-vo "Chervona Kalyna," 1954. 45 p.
(CtY)

VYZGO, T. S. [Uzbek S. S. R.] Uzbekskaia SSR. Izd. 2. Moskva, Muzgiz, 1957. 94 p. (Muzykal'naia kul'tura soiuznykh respublik)
(CU)

10. FINE ARTS

AKADEMIIA KHUDOZHESTV SSSR [The eleventh and twelfth sessions of the Academy of Fine Arts of the U. S. S. R.] Odinnadtsataia i dvenadtsataia sessii. Moskva, 1959. 181 p. (Its sessii)

AKADEMIIA KHUDOZHESTV SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. [Against revisionism in aesthetics] Protiv revizionizma v estetike. Moskva, 1960. 147 p.

AKADEMIIA NAUK SSSR. Institut istorii iskusstv. [History of Russian art] Istoriia russkogo iskusstva. Pod obshchei red. I. E. Grabaria, V. S. Kemenova i V. N. Lazareva. Moskva.
Vol. 5. 1960. 569 p.

CHEZZA, L. Moisei Efimovich Gamburg. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 21 p., illus. (Dekada moldavskogo iskusstva literatury v Moskve)

CHUBINASHVILI, G. N. [The achievements of Soviet Georgia in the history of art] Dostizheniia Sovetskoi Gruzii v oblasti istorii iskusstv. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1959. 64 p.

EZERSKAIA, N. A. [Artists of North Ossetia] Khudozhniki Severnoi Osetii. Moskva, Gos. izd-vo "Iskusstvo," 1959. 36 p.

FAVORSKII, V. A. [Selected works] Izbrannye proizvedeniia. Moskva, "Sovetskii khudozhnik," 1959. [4] p., illus.

FEDOROV-DAVYDOV, A. A. Arkadii Aleksandrovich Rylov. Moskva, Sovetskii khudozhnik, 1959. 217 p.
(NN)

KAGANOVICH, A. Mikhail Ivanovich Kozlovskii. Moskva, Gos. izd-vo izobraz. iskus., 1959. 1 v. (Mastera russkogo iskusstva)
(IU)

KHACHIKIAN, IA. I. [Perceptional significance of art] O poznavatel'nom znachenii iskusstva. Erevan, Izd-vo AN Armianskoi SSR, 1959. 176 p.
(RPB)

[THE KHARKOV STATE MUSEUM OF FINE ARTS] Khar'kovskii gosudarstvennyi muzei izobrazitel'nogo iskusstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 15 p., plates. [Parallel texts in Russian and Ukrainian.]

[illegible] [Plato M[illegible] of Oriental Cultures] [illegible] Moskva, [illegible] 1959. 13 p.

[illegible] [The State Hermitage, [illegible]] [illegible] 1959. [illegible]

[illegible]

[illegible] Akad. [illegible] 1959. [illegible]

[illegible] AND [illegible] [illegible] [Leningrad] [illegible]

[illegible] Moskva, [illegible] 1960. [illegible]

[illegible] 1959. [illegible]

[illegible] Moskva, [illegible] 1959. [illegible]

[illegible]

[illegible]

[illegible] Moskva, [illegible] 1959. [illegible]

[illegible]

LANGUAGE, LITERATURE & FOLKLORE

[illegible]

[illegible] Akademiia nauk [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

ABASHIDZE, GR. N. Grigol Abashidze. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1959. 47 p.

AI WU. [Steel is born of fire. Translated from the Chinese] V ogne rozhdaetsia stal'. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 284 p.

AITMATOV, CHINGIZ. [Stories. Translated from the Kirghiz] Rasskazy. Moskva, Sovetskii pisatel' 1958. 190 p.
(CLU)

AKHVLEDIANI, G. Sh., and others. [Russian literature; a reader for the 8th grade of the Georgian school] Russkaia literatura; uchebnik-khrestomatiia dlia VIII klassa gruzinskoi shkoly. Izd. 23. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna," 1960. 233 p.

AKULSHIN, V. I. [Wolf and the stars; fables] Volk i zvezdy, basni. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1959. 65 p.
(MH)

ALATYREV, V. I. [Problems of Udmurt linguistics] Voprosy udmurtskogo iazykoznaniia. Izhevsk, Udmurtskoe knizhnoe izd-vo.
Vol. 1. 1959. 313 p.

AL[illegible], A. P. [Organizing the pedagogical process in Russian language lessons; from work practice] Organizatsiia pedagogicheskogo protsessa na urokakh russkogo iazyka, iz opyta raboty. Izd. 2., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 149 p.

ALEXANDRI, VASILE. [Selected works. Translated from the Rumanian] Izbrannoe. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 269 p.

ANDERSEN, HANS CHRISTIAN. [Fairy tales. Translated from the Danish] Skazki. Moskva, 1955. 126 p.
( )

ANDRONOV, M. S. [The Tamil language] Tamil'skii iazyk. Pod obshchei red. G. P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1960. 72 p. (IAzyki zarubezhnogo Vostoka i Afriki)

ASANOV, N. A. [Low lying rainbow, verse and poems] Pologaia raduga, stikhi i poemy. Moskva, Sovetskii pisatel', 1959. 101 p.
(MH)

AUEZOV, M. O. [Thoughts from the past; studies and articles in the Kazakh and Russian languages] Mysli raznykh let, issledovaniia, stat'i na kazakhskom i russkom iazykakh. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1959. 654 p.

AVALISHVILI, V. G., T. G. [illegible], and N. Z. [illegible]. [The Russian language, a textbook for grade 7 of the Georgian school] Russkii iazyk; uchebnik dlia 7 klassa gruzinskoi shkoly. Izd. 9. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna," 1960. 102 p.

BAKIEVA, G., B. KONDUCHALOVA, and S. SYDYKOV [The [illegible] dialect of the Kirghiz language] Kyrgyz tilinin [illegible] govoru. Frunze, Kyrgyz SSR Ilimder Akad., 1959. 127 p. [In Kirghiz.]

BALZAC, HONORÉ DE. [Collected works in 24 volumes. Translated from the French] Sobranie sochinenii v 24 tomakh. Moskva, Biblioteka "Ogonek" Izd-vo "Pravda."
Vol. 2. [The human comedy] Chelovecheskaia komediia. 1960. 547 p.
Vol. 13. [The human comedy] Chelovecheskaia komediia. 1960. 454 p.
Vol. 15. [The human comedy] Chelovecheskaia komediia. 1960. 462 p.

BARAMIDZE, G. N., and G. P. DZHAKOBIIA. [Georgian literature, a textbook for the 8th grade. Gruzinskaia literatura, uchebnik dlia VIII klassa. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna"] 1960. 230 p. [In Georgian.]

BARANOVA, N. N. [Collected exercises on practical style in the Russian language, a textbook for advanced classes of non-Russian schools] Sbornik uprazhnenii po prakticheskoi stilistike russkogo iazyka; posobie dlia uchashchikhsia starshikh klassov nerusskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 261 p.

BASKEVICH, I. Z. [Gor'kii in Kursk] Gor'kii v Kurske. [Kursk] Kurskoe knizhnoe izd-vo, 1959. 19 p.
(MH)

BELINSKII, V. G. [A glance at Russian literature in the year 1846. A glance at Russian literature in the year 1847] Vzgliad na russkuiu literaturu 1846 g. Vzgliad na russkuiu literaturu 1847 g. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 174 p.

BERNSHTEIN, M. D. [The periodical "Osnova" and Ukrainian literature at the close of the 1850's and 1860's] Zhurnal "Osnova" i ukrains'kyi literaturnyi protses kintsia 50-60-kh rokov XIX st. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 215 p.

BEZUGLOV, A. A. [Born of darkness] Prishedshie iz mraka. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 44 p. (Iz zala suda)

[BID FOR TRUST] Stavka na doverie. Moskva, Izd-vo "Izvestiia," 1959. 70 p. (Biblioteka "Izvestii," no. 1)

BIKCHENTAEV, ANVER. [Swans remain in the Urals; a novel. Translated from the Bashkir] Lebedi ostaiutsia na Urale; roman. Moskva, Sovetskii pisatel' 1959. 314 p.
(CLU)

BOCHAROV, G. K., comp. [Russian literature; an anthology for the 7th grade in secondary schools] Rodnaia literatura; khrestomatiia dlia 7 klassa srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958. 207 p.
(IU)

BOGDANOVA, M. I. [Toktogul Satylganov, an account of his life and works] Toktogul Satylganov, kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 100 p.

BORISOVA, A. F. [Teaching Russian pronunciation in non-Russian schools, a manual for teachers in elementary grades] Obuchenie russkomu proiznosheniiu v nerusskikh shkolakh, posobie dlia uchitelia nachal'nykh klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 210 p.

BORISOVA, A. F., L. A. VARKOVITSKAIA, and L. A. VOBLOVA. [First-year reader with a supplementary Russian-national language vocabulary for elementary schools of the northern peoples] Kniga dlia chteniia v pervom klasse nachal'noi shkoly narodov Severa s prilozheniem russko-natsional'nykh postateinykh slovarei. Izd. 2., pererab. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 207 p.

BROUKA, PIATRUS'. [Selected works] Vybrane. Kyiv, Derzh. vyd-vo khudozh. lit-ry 1957. 226 p.
(CLU)

BULGAKOV, V. F. [L. N. Tolstoi in the last year of his life; a diary of L. N. Tolstoi's secretary] L. N. Tolstoi v poslednii god ego zhizni; dnevnik sekretaria L. N. Tolstogo. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1960. 511 p. (Seriia literaturnykh memuarov)

CHAVCHAVADZE, I. G. [Works. Translated from the Georgian] Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 2 v.
(CU)

CHEKHOV, A. P. [Collected works in twelve volumes] Sobranie sochinenii v dvenadtsati tomakh. Pod obshchei red. V. V. Ermilova i dr. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 1. [Stories (1880-1883)] Rasskazy (1880-1883). 1960. 562 p.

CHERNENKO, V. A. [Chain armor; a novel] Kol'chuga; roman. Izd. 2, ispr. i dop. Perm', Permskoe knizhnoe izd-vo, 1958. 260 p.
(NN)

DASKALOV, S. TS. [Three seeds; stories. Translated from the Bulgarian] Tri zerna; rasskazy. Moskva, Izd-vo "Pravda," 1960. 30 p. (Biblioteka "Ogonek," no. 31)

DATSENKO, B. IE. [The image of a builder of communism in Ukrainian dramaturgy and on the stage] Obraz budivnyka komunizmu v ukrains'kii dramaturgii i na stseni. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 16)

DAVYDOV, I. IU. [The trail leads to the forest; stories on partisans] Sled vedet k lesu; rasskazy o partizanakh. *Moskva*, Voen. izd-vo M-va obor. SSSR, 1960. 158 p. (Biblioteka soldata i matrosa)

DUDAR, ALES', pseud. [Selected works] Vybranyia tvory. Minsk, Dziarzh. vyd-va BSSR, 1959. 126 p. [Real name is A. A. Dailidovich.]
(MH)

DZHAVAKHIIA, D. A. [The Georgian language; a textbook for the 6th and 7th grades of non-Georgian *schools*. Gruzinskii iazyk, uchebnik dlia VI-VII klassa negruzinskikh shkol. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna"] 1960. 193 p. [In Georgian.]

[illegible]
Azerbaidzhanskoe gos. izd-vo 1959. 315 p.
(CLU)

ERSHOV, P. P. [Little humpbacked horse] Konek-gorbunok. [Moskva, Gos. izd-vo khudozh. lit-ry 1958] 114 p.
(NN)

FILIPPOV, BORIS. [Inclement weather, verse of 1942-1960] Nepogod', stikhi 1942-1960. Vashington, 1960. 30 p.

FINKEL', A. M., and N. M. BAZHENOV. [Course in the modern Russian literary language] Kurs sovremennogo russkogo literaturnogo iazyka. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1960. 621 p.

FIRSOV, G. P., and I. G. KHARCHENKO. [Collection of dictations on orthography and punctuation, manual for grade 5-8 teachers] Sbornik diktantov po orfografii i punktuatsii; posobie dlia prepodavatelei V-VIII klassov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-prosv. RSFSR, 1960. 373 p.

[Five plays: If you love, by M. Zarudnyi. Indomitable girl from Poltava, by P. Luben's'kyi. Word of truth, by IU. Kostiuk. Tubly, by A. Shylan. Black waltz, by I. Kocherha] 5[i. e. P'iat'] p'ies IAkshcho ty liubysh by M. Zarudnyi. Neskorena poltavchanka by P. Luben's'kyi. Slovo pravdy by IU. Kostiuk. Kotyhoroshko by A. Shylan. Chornyi val's by I. Kocherha. Kyiv, Derzhlitvydav, 1959. 285 p.
(MH)

GAITAV, TS. [Song of Sukhe-Bator, a poem. Translated from the Mongolian] Pesn' o Sukhe-Batore, poema. Moskva, Izd-vo inostr. lit-ry 1958. 204 p.
(CLU)

GIL'ZIN, K. A. [In the skies of tomorrow] V nebe zavtrashnego dnia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 180 p.

GITOVICH, A. I. [Chinese and Korean poetry, translations] Iz kitaiskoi i koreiskoi poezii, perevody. [Moskva] Goslitizdat, 1958 538 p
(MH)

GLAVAN, Z. T. [A word on sons] Slovo o synov'iakh. Izd. 2., dorabotannoe. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 159 p.

GLIKBERG, A. M. [Verse] Stikhotvoreniia. Leningrad, Sovetskii pisatel', 1960. 626 p. (Biblioteka poeta, Bol'shaia seriia, 2. izd.) [Author's pseud. Sasha Chernyi.]
(CU)

GOLOVASHENKO, IU. A. [Soviet heroic drama] Sovetskaia geroicheskaia drama. [Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otdnie, 1959. 37 p.

GORELIK, L G. [Promise, a novel] Obeshchanie, roman. Moskva, Sovetskii pisatel', 1960. 351 p.

GUDIASHVILI, N. I. Appolon Kutateladze. Tbilisi, "Zaria Vostoka," 1958. 39 p.
(NN)

GURYCHEVA, M. S. [Vulgar Latin] Narodnaia latyn'. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1959. 189 p.

GUSEV, A. IA. [A girl with a camera] Devushka s fotoapparatom. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 21 p. (Biblioteka soldata i matrosa)

HRABOVS'KYI, PAVLO. [Poems] Poezii. Kyiv, "Molod'," 1956. 208 p. (Shkil'na biblioteka)
(CtY)

HREBINKA, IE. P. [Selected works] Vybrani tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1949. 246 p.
(ICU)

HRINCHENKO, BORYS. [Dictionary of the Ukrainian language] Slovar' ukrains'koi movy. [Kyiv, Vyd. Akad. nauk URSR, 1958] 4
(RPB)

HUDZII, M. K. Oleksandr Ivanovych Bilets'kyi. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 49 p. (Vcheni Ukrains'koi RSR)

HUGO, VICTOR MARIE, comte. [Verse and plays. Translated from the French] Stikhotvoreniia i dramy. [n. p., n. d.] 1 v. (Various pagings)
(CLU)

IAMSHCHIKOVA, M. V. [Memorable encounters] Pamiatnye vstrechi. Moskva, Sovetskii pisatel', 1959. 410 p. [Publ. under her pseud. Al. Altaev]

IANSHANSIN, IU., and L. SHINLO, comps. [Russian-Dungan dictionary Approximately 14,000 words] Russko-dunganskii slovar' Pod red A Kalimova. Okolo 14 000 slov Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959 261 p

ISBAKH, A. A. [Furmanov in the reminiscences of his contemporaries] Furmanov v vospominaniiakh sovremennikov Moskva, Sovetskii pisatel', 1959. 250 p.
(RPB)

IURCHUK, L. A [Problems in the suffixal formation of verbs in the present-day Ukrainian language] Pytannia sufiksal'noho slovotvorennia diesliv u suchasnii ukrains'kii movi. Kyiv, Vyd-vo Akad nauk URSR, 1959 97 p

IVICH, ALEKSANDR. [Education of a generation, Soviet literature for children] Vospitanie pokolenii; o sovetskoi literature dlia detei. Moskva, Sovetskii pisatel', 1960. 390 p.

KADULINA, R., ed. [Hunters' dawns] Okhotnich'i zori [Saratov] Saratovskoe knizhnoe izd-vo 1958. 173 p.
(MH)

KARATAEV, MUKHAMEDZHAN. [Born of the October revolution, articles and essays on Kazakh literature] Rozhdennaia Oktiabrem; stat'i i ocherki o kazakhskoi literature. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry, 1958. 374 p.
(CU)

KAZANSKII, B. V. [In the world of words] V mire slov. [Leningrad] Lenizdat, 1958. 263 p.
(NN)

KEDRINA, Z. S. [Contemporaneity is the soul of Soviet literature] Sovremennost'—dusha sovetskoi literatury. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 14)

KHANZADIAN, S. N. [My relatives and neighbors, stories. Translated from the Armenian] Moi rodnye i sosedi, rasskazy. Moskva, Sovetskii pisatel', 1959. 300 p.

KNIPOVICH, E. F. [In defense of life, literary criticism articles] V zashchitu zhizni, literaturno-kriticheskie stat'i. Izd. 2., dop. Moskva, Sovetskii pisatel', 1959. 491 p.

KOCHANOWSKI, JAN [Selected works. Translated from the Polish] Izbrannye proizvedeniia Izd. podgotovil S S Sovetov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 370 p (Literaturnye pamiatniki)

[KOL'TSOV SEEN BY HIS CONTEMPORARIES] Sovremenniki o Kol'tsove. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 208 p.
(NNC)

KOPEIN, N. V. [Newspaper pages tell the story, history of the party press in Ivanovo Province] Gazetnye stranitsy rasskazyvaiut; iz istorii partiinoi pechati Ivanovskoi oblasti. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 84 p.
(MH)

KOSTIUKOVSKII, G. A., and G. I. SLUCHEVSKII, comps. [Day and night, tales, stories, and sketches] Dnem i noch'iu, povesti, rasskazy, ocherki. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1959. 305 p.
(NNC)

KOVAL', A. E. [Thunderstorm in the mountains] Groza v gorakh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 21 p. (Biblioteka soldata i matrosa)

KOZACHENKO, VASYL'. [Sal'viia; a tale. Translated from the Ukrainian] Sal'viia; povest'. Moskva, Sovetskii pisatel', 1959. 242 p.
(MH)

KOZLOV, I. A. [In the Crimean underground] V Krymskom podpol'e. Moskva, Sovetskii pisatel', 1960. 542 p.

KRACHKOVSKII, I. IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 6. 1960. 739 p.

KRAMER, SAMUEL NOAH. [Two elegies on a Pushkin Museum tablet; a new Sumerian literary genre. Preface by V. V. Struve and L. A. Lipin] Dve elegii na tablichke Muzeia im. A. S. Pushkina; novyi shumerskii literaturnyi zhanr. Moskva, Izd-vo vostochnoi lit-ry, 1960. 73 p. [Parallel texts in Russian and English.]

KRYMOVA, N. I., and A. S. POGODIN. Martin Andersen Nekse. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 13)

KUBANSKII, FEDOR. [Eagles of the native land; a historical novel in 5 parts] Orly zemli rodnoi; istoricheskii roman v 5 chastiakh. Paterson, New Jersey, Izd. avtora, 1960. 351 p.

KUDAIBERGENOV, SARYBAI. [Pronouns in the Kirghiz language] Kyrgyz tilindegi at atoochtor. Frunze, 1960. 80 p. [In Kirghiz.]

KULINICH, A. V. [Sergei Esenin; an account of his life and works] Sergei Esenin; kritiko-biograficheskii ocherk. [Kiev] Izd-vo Kievskogo univ., 1959. 93 p.
(CU)

KULYK, B. M., and A. M. KULYK. [The Ukrainian language; a textbook for the 5th-7th grades of the secondary school] Ukrains'ka mova, pidruchnykh dlia 5-7 klasiv seredn'oi shkoly. Vyd. 5., vypr. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola."
Pt. 1. [Phonetics and morphology] Fonetyka i morfologiia 1960. 278 p.

KUNGUROV, G. F. [Albazin fortress; an historical tale] Albazinskaia krepost'; istoricheskaia povest'. Moskva, Molodaia gvardiia, 1959. 249 p.
(CLU)

KUZNETSOV, I. V., and S. S. MATVIENKO. [The newspaper "Sotsial-demokrat" from 1908 to 1917] Gazeta "Sotsial-demokrat," 1908-1917 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 189 p.

KYDYRBAEVA, R. Z. [Ideological and literary features of the epic "Sarinzhi-Bokei"] Ideino-khudozhestvennye osobennosti eposa "Sarinzhi-Bokei." Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959 40 p.

LACIS, VILIS. [Collected works in nine volumes. Translated from the Latvian] Sobranie sochinenii v deviati tomakh. Moskva, Izd-vo "Izvestiia." (Biblioteka klassikov literatur narodov SSSR)
Vol. 8. 1959. 637 p.

LAREV, A. K. [Rendezvous under the cherry tree; a lyrical comedy in three acts, six scenes] Svidaniia u cheremukhi, liricheskaia komediia v trekh deistviiakh, shesti kartinakh. Moskva, Gos. izd-vo "Iskusstvo," 1960. 86 p.

LENINGRAD PUBLICHNAIA BIBLIOTEKA. [Life in enthusiasm] Zhizn' - gorenie. Leningrad, 1960. 18 p. (Zhit' i rabotat' po-kommunisticheski)

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Lyrics by Soviet poets] Lirika sovetskikh poetov. Leningrad, 1960. 22 p. (Zhit' i rabotat' po-kommunisticheski)

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Relay race of the generations] Estafeta pokolenii. Leningrad, 1960. 15 p. (Zhit' i rabotat' po-kommunisticheski)

LOMIDZE, G. I. [Unity and diversity] Edinstvo i mnogoobrazie. Izd. 2., dop. Moskva, Sovetskii pisatel', 1960. 525 p.
(CU)

LU HSIN. [The real story of A-K'iu. Translated from the Chinese] Podlinnaia istoriia A-K'iu. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 101 p.

MEGRELIDZE, IOSIF. [Rustaveli and folklore] Rustaveli i fol'klor. Tbilisi, Gos. izd-vo "Sabchota sakartvelo," 1960. 308 p. [With summaries in Georgian.]

MESSER, R. Ol'ga Forsh. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 209 p.
(RPB)

[METHODS OF TEACHING THE RUSSIAN LANGUAGE TO NON-RUSSIANS; a collection of articles by teachers in institutions of higher learning] Voprosy metodiki prepodavaniia russkogo iazyka nerusskim, sbornik statei prepodavatelei vuzov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
No. 7. 1960. 206 p.

MIKHAL'SKAIA, N. P. [Charles Dickens; an account of his life and works] Charl'z Dikkens; ocherk zhizni i tvorchestva. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 121 p.

MINSK. UNIVERSITET. [Problems in literature] Voprosy literatury. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 114 p.

[illegible] UNIVERSITET. [Studies on the White Russian and Russian languages] Dyialektavanni pa belaruskai i [illegible]. Minsk, Vyd-va Beldziarzhuniv. im. V. I. Lenina, 1960. 170 p.

[illegible] VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Belles lettres of Latin America in the Russian press; an annotated bibliography of Russian translations and literary [illegible] in the Russian language, 1765-1959] Khudozhestvennaia literatura Latinskoi Ameriki v russkoi [illegible] bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1765-1959. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. [illegible] p.

[illegible] VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Miguel de Cervantes Saavedra; a bibliography of Russian translations and literary criticism in the Russian language, 1763-1957] Migel' de Servantes Saavedra; bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1763-1957. Moskva, Izd-vo Vses. knizhnoi palaty, 1959. [illegible] p.

[illegible] M., ed. [Stories by young [illegible] writers, [illegible]] [illegible] 1954-1959 [illegible] 1960. [illegible] p. (MH)

[illegible] [illegible] literature] [illegible] literature [illegible] V. I. Lenina, 1960. [illegible] p.

[illegible], E. M. [King of the Island of Cards; true stories] Korol' kartochnogo ostrova, [illegible]. Moskva, Sovetskii pisatel', 1959. 284 p. (MH)

[illegible]V, A. [illegible] [The [illegible]; verse] [illegible]; stikhi. Moskva, Sovetskii pisatel', 1959. 112 p. (CtY)

[illegible], comp. [Anthology of [illegible] poetry] Antologiia [illegible] poezii. [Moskva] Gos. izd-vo khudozh. lit-ry [1960] 2 v. (MH)

[illegible] KHAYYAM. [Rubaiyat] Rubaiyat. [illegible] M. Aliev i M. N. O. [illegible] Moskva, Izd-vo [illegible] (Pamiatniki literatury narodov [illegible]. Malaia seriia, no. 3) [In Tajik.] [illegible] [Facsimile] [illegible] 1959. [illegible]

[illegible] [Russian [illegible] dictionary [illegible]] [illegible] A. Avrorin [illegible] [Leningrad] [illegible] 1959 [illegible] p.

[illegible] [illegible] [illegible] 1959. [illegible] p. (MH)

[illegible], I. M. [An introduction to Iranian philology] [illegible] Pod red. A. A. [illegible] Moskva, [illegible] 1960. 480 p.

[illegible] [illegible] Nash [illegible] [illegible] [illegible] 1959. [illegible] (MH)

[illegible] [illegible] verse by young Ossetian poets. [illegible] from the Ossetian] [illegible] Terekom, [illegible] [Moskva] Molodaia gvardiia, 1959. [illegible] p. (MH)

[illegible], A. A. [illegible] N. A. Nekrasov's poem "Who can be happy in Russia"] [illegible] N. A. Nekrasova "Komu na Rusi zhit' khorosho" [illegible] Pod red. N. L. Brodskogo. [illegible] Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. [illegible] p. (Za shkola metodicheskaia [illegible])

[illegible], A. M. [The principle hero, a portrayal of the [illegible] in postwar Soviet literature] Glavnyi geroi; [illegible] v poslevoennoi sovetskoi literature. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 3?? p.

[illegible] A. [illegible] [illegible] return, a tale] [A vernus'. [illegible]] Kaliningradskoe knizhnoe izd-vo [illegible] p. (MH)

PASKHINA, A. V., and N. I. SALTYKOV. [Textbook of the Russian language] Uchebnik russkogo iazyka. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola."

Pt. 1. [Phonetics and morphology for the 5th-7th grades of the eight-year technical school with instruction in the Ukrainian language] Fonetika i morfologiia dlia 5-7 klassov vos'miletnei politekhnicheskoi shkoly s ukrainskim iazykom prepodavaniia. Izd. 2., perer. i dop. Pod red. V. I. Manal'skogo. 1960. 303 p.

PLATONOV, B. E. [V. I. Lenin and problems of Soviet literature] V. I. Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, Leningr. otd-nie, 1959. 54 p. (MH)

PLETNEV, R. V. [Lectures on the history of 18th and 19th century Russian literature] Lektsii po istorii russkoi literatury 18 i 19 vekov. Toronto. Izd. Russkogo kul'turnogo obshchestva, 1959. 241 p.

POGODIN, N. F. [Collection of dramatical works] Sobranie dramaticheskikh proizvedenii. Moskva, Iskusstvo, 1960. 1 v. (CU)

POGORIEL'SKII, ANTONII. [Mr. Double or my evenings in Little Russia. The convent] Dvoinik ili moi vechera v Malorossii. Monastyrka. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 360 p.

POLOVA, I. M. [Happy to fly; verse] Schast'e letat'; stikhi. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 110 p.

POLAPOVA, N. I. [Russian grammar for Greeks] Uchebnik russkogo iazyka dlia grekov. Moskva, Izd-vo lit-ry na inostr. iazykakh.

Pt. 1. 1959. 331 p.

[PROBLEMS IN CLASSICAL PHILOLOGY] Pytannia klasychnoi filolohii. [L'viv] Vyd-vo L'vivs'koho univ.

No. 1. 1959. (NN)

PRUTKOV, KOZ'MA, pseud. [Works] Sochineniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 399 p. (MH)

PSHKHIDSHVILI, A. P. [Essays from the history of classifying parts of speech. Ocherki iz istorii klassifikatsii chastei rechi. Tbilisi, Izd-vo TGU im. Stalina. In Georgian.]

Vol. 1. 1960. 177 p.

RADULIA, VASIL'. [Reminiscences] Uspominy. N'iu Iork, 1957. 127 p. (CaBVaU)

RAMAZANOV, BADAVI. [Violets in the rocks. Translated from the Lak] Fialki na skalakh. Moskva, Molodaia gvardiia, 1959. 78 p. (CLU)

REFORMATSKII, A. A. [Introduction to linguistics, a textbook for pedagogic institutes] Vvedenie v iazykoznanie; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 431 p.

ROMANENCHUK, BOHDAN. [Life and works of Natalia Kobryns'ka] Z zhyttia i tvorchosty Natalii Kobryns'koi. Filadel'fiia, Vyd. "Ameryky," 1951. 32 p. (CtY)

ROZANOV, M. D. [For our brothers!] Za brat'ev; podvig geroini Oboianskoi oborony Marfy IAkovlevoi. Ocherk. [Leningrad] Lenizdat, 1960. 139 p.

RUBAN, V. A. [Emel'ian IAroslavskii in "Pravda" during 1918 and 1919] Emel'ian IAroslavskii v "Pravde" 1918-1919 gg. [Kiev] Izd-vo Kievskogo univ., 1959. 244 p.

RUBCHAK, BOHDAN. [Bright betrayal, poems] Promenysta zrada. N'iu-Iork, Vyd-vo N'iu-Iorks'koi Grupy, 1960. 46 p.

RUDENKO, M. D. [The last saber; a novel] Ostannia shablia; roman. Kyiv, Vyd-vo LKSMU "Molod'", 1959. 572 p.

RUD'KO, M. P. [Taras Shevchenko and Kiev University] Taras Shevchenko i Kyivs'kyi universytet. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 85 p. (MH)

[RUSSIAN-CHINESE PHRASEOLOGICAL DICTIONARY] Russko-kitaiskii frazeologicheskii slovar'. Kharbin, 1959. 611 p.

[RUSSIAN-KUMYK DICTIONARY] Russko-Kumykskii slovar', okolo 30 000 slov. Pod red. Z. Z. Bammatova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 1148 p.

[MICROFILM]

RZA, RASUL. [Selected works] Izbrannoe. Baku, Azerbaidzhanskoe gos. izd-vo, 1959. 320 p. (CLU)

SAKULIN, P. N. [Modern Russian literature; period of Alexander I] Novaia russkaia literatura, aleksandrovskaia epokha. Moskva, A. I. Mamontov, 1906; [Ann Arbor, 1960] 309 p. (MiU)

[PHOTOCOPY]

SEIFULLINA, L. N. [Literary works, reminiscences, and articles] Khudozhestvennye proizvedeniia, vospominaniia, stat'i. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 236 p. (NNC)

SEITLIEV, KARA. [Spring all the year round; verse and poems. Translated from the Turkmen] Kruglyi god vesna; stikhi i poemy. Moskva, Goslitizdat, 1959. 214 p. (CLU)

SEVERIANOVICH, B. A. [A struggle in outer space] Bor'ba v kosmose. Tbilisi, Detiunizdat Gruzinskoi SSR "Nakaduli"] 1960. 85 p. [In Georgian.]

SHAMKENOV, AMANZHOL. [Courageous soul, verse. Translated from the Kazakh] Otvazhnaia dusha; stikhi. Moskva, Molodaia gvardiia, 1959. 43 p. (CLU)

[SHEVCHENKO STUDIES] Pytannia Shevchenkoznavstva. Kyiv, Vyd-vo Akad. nauk URSR.

No. 1. 1958. 1 v. (NN)

SHEVCHENKO, T. G. [Poems] Poemy. Kyiv, Derzh. vyd-vo Dytiachoi lit-ry URSR, 1958. 128 p. (CaBVaU)

SHAUMIAN, S. G. [Letters, 1896-1918] Pis'ma, 1896-1918. Erevan, Gos. izd-vo Armenii, 1959. 208 p.

SKACHKOV, I. S. [First prize] Pervaia nagrada. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 28 (Biblioteka soldata i matrosa)

SKOSYREV, P. G., ed. [Poetry of Turkmenistan; verse] Poeziia Turkmenii; stikhi. Moskva, Sovetskii pisatel', 1945. 94 p. (CtY)

[SMILES OF THE DNIEPER VALLEY; satire and humor] Prydniprovs'ki usmishky, satyra i humor. [Dnipropetrovs'k] Dnipropetrovs'ke knyzh. vyd-vo, 1959. 95 p. (MH)

SMIRNOV-CHERKEZOV, A. I. [Under open skies] Pod otkrytym nebom. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 216 p.

STEFANYK, VASYL'. [Selected stories] Vybrani noveli. Haidenav "Zahrava," 1946. 63 p. (Bibliotechka chasopysu "Luna") (CtY)

SUKHOTIN, V. P. [The syntax of synonyms in the modern Russian literary language; verb combinations] Sintaksicheskaia sinonimika v sovremennom russkom literaturnom iazyke; glagol'nye slovosochetaniia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 159 p.

SVISTUNOV, I. IU. [Militant hearts; a novel] Serdtsa v stroiu; roman. Moskva, Voen. izd-vo, 1959. 405 p. (MH)

TETIUKOVA, PAVLA. Farandola. Briussel', Izd. avtora, 1960. 128 p. (NN)

TIMOFEEV-TERESHKIN, M. N. [Selected works. Tra lated from the Yakut] Izbrannoe. Moskva, Goslitizd 1958. 327 p. (CLU)

TITOV, V. S. [The roots of Skopin; essays] Skopinskii koren'; ocherki. Moskva, Izd-vo "Pravda," 1960. 41 p. (Biblioteka "Ogonek," no. 30)

TOLSTOI, L. N. [Complete collection of works] Polnoe sobranie sochinenii. [illegible] Moskva, Gos. Izd-vo Khudozh. lit-ry.
  Vol. 75-76. [illegible] Letters [illegible] Pis'ma. 1956. 386 p., 459 p.
  Vol. 79-80. [illegible] Letters [illegible] Pis'ma. 1956. 402 p., 474 p.

TOMASHEVSKII, B. V. [Pushkin and France] Pushkin i Frantsiia. Leningrad, Sovetskii pisatel', 1960. 498 p.

TONKOV, V. [A. V. Kol'tsov, his life and work] A. V. Kol'tsov, zhizn' i tvorchestvo. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1958. 305 p. facsims.
  (RPB)

TSKHOVREBOV, Z. P. [K. L. Khetagurov's social, political and philosophical ideas] Obshchestvenno-politicheskie i filosofskie vzgliady K. L. Khetagurova. Staliri, Gos. Izd-vo Iugo-Osetii, 1958. 117 p.
  (MH)

TSYDENDAMBAEV, CH. TS. [New houses. Translated from the Buryat] Novye doma. Moskva, Molodaia gvardiia, 1959. 191 p.
  (CLU)

TU, P'ENG-CH'ENG. [illegible] peaceful days. Translated from the Chinese] V mirnye dni. [illegible] Moskva, Izd-vo inostr. lit-ry, 1959. 144 p.

TURGENEV, I. S. [Three encounters [illegible]] Tri vstrechi. Veshnie vody. Moskva, Gos. Izd-vo khudozh. lit-ry, 1959. 173 p.
  (RPB)

TURSUNOV, A. [The present and future tense in the Kirghiz language] Kyrgyz tilindegi [illegible] Frunze, 1959. 51 p. [In Kirghiz.]

TVARDOVSKII, A. T. [Beyond the horizon] Za dal'iu dal'. Moskva, Gos. Izd-vo khudozh. lit-ry, 1960. 274 p.

[UKRAINIAN ORTHOGRAPHY] Ukrains'kyi pravopys. Vyd. 2., vypr. i dop. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 271 p.

USPENSKAIA, L. P., and M. B. USPENSKII. [Collection of speech material for the correction of pronunciation of sounds in preschool children] Sbornik rechevogo materiala dlia ispravleniia proiznosheniia zvukov u doshkol'nikov. Moskva, Gos. uchebno-pedagog. izd-vo Min-va prosv. RSFSR.
  No. 1. 1960. 47 p.
  [Picture lotto] Kartinnoe loto. 9 p.

VADETSKII, B. A. [Simple mortal. Gitele. Akya forest] Prostoi smertnyi. Gitele. Akya forest. Moskva, Sovetskii pisatel', 1959. 705 p.
  (RPB)

VAKHRO[illegible], I. D. [At the road fork] U razvilki dorog. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 32 p. (Biblioteka soldata i matrosa)

VASIL'EV, V. M. [Materials on the grammar of the Mari language] Materialy po grammatike mariiskogo iazyka. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1958. 83 p.

VIKRAMACARITA. [The life of Vikrama, or 33 tales of the royal throne. Translated from the Sanskrit] Zhizn' Vikramy ili 33 istorii [illegible] trona. Predisl. i primechaniia P. A. Grintsera. Moskva, Izd-vo vostochnoi lit-ry, 1960. 234 p.

VSESOIUZNYI S"EZD PISATELEI. 3d, Moscow, 1959. [Third Congress of Writers of the U.S.S.R., verbatim report] Stenograficheskii otchet. Moskva, Sovetskii pisatel', 1959. 263 p.

WASILEWSKA, WANDA. [In a final struggle; a tale. Translated from the Polish] V [illegible], povest'. Moskva, Sovetskii pisatel', 1959. 180 p.
  (CLU)

[YEARS AND PEOPLE] Gody i liudi. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1957. 101 p.
  (NNC)

ZAGOSKIN, M. N. [Roslavlev, or the Russians in 1812] Roslavlev, ili Russkie v 1812 godu. Moskva, Izd-vo Pravda, 1959. 366 p.
  (NNC)

ZAKIROV, SAPARBEK. [Certain questions on the "Kozhozhash" epic] Kozhozhash eposunun keebir maseleleri. Frunze, Kyrgyz SSR Ilimder Akad. basmasy, 1960. 61 p. [In Kirghiz.]

ZAPOTOCKY, ANTONIN, Pres. Czechoslovak Republic. [Selected works. Translated from the Czech] Izbrannye proizvedeniia. Moskva, Goslitizdat, 1959. 2 v.
  (CLU)

ZHDANOV, N. G. [Not far from Kronshtadt, stories and tales] Vblizi Kronshtadta, rasskazy i povesti. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 430 p.

ZHDANOV, V. V. [N. V. Gogol', an account of his life and work] N. V. Gogol'; ocherk zhizni i tvorchestva. Moskva, Gos. Izd-vo khudozh. lit-ry, 1959. 165 p.
  (CtY)

ZHGENTI, V. D. [Egnate Ninoshvili; his life and works, on the centenary of his birth] Egnate Ninoshvili, zhizn' i tvorchestvo; k stoletiiu so dnia rozhdeniia. Tbilisi, Zaria Vostoka, 1959. 83 p.
  (MH)

ZHUKHOVITSKII, L. A. [House on the steppe, stories] Dom v stepi, rasskazy. Moskva, Sovetskii pisatel', 1959. 274 p.

ZHURBA, IANKA, pseud. [Bright roads, verse] IAsnyia shliakhi, vershy. Minsk, Dziarzh. vyd-va BSSR, 1959. 85 p. [Real name: I. IA. Kozhich.]
  (MH)

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. [Sixth Scientific Session of the Institute of Paleobiology, December 21-23, 1958, theses of reports] VI nauchnaia sessiia Instituta paleobiologii, 21-23 dekabria 1958 g., tezisy dokladov. Tbilisi, 1959. 18 p.

AKADEMIIA NAUK SSSR. Institut geografii. [Hydrological and climatic regimen of the forest-steppe and steppe zones of the U.S.S.R. in arid and humid years] Gidroklimaticheskii rezhim lesostepnoi i stepnoi zon SSSR v zasushlivye i vlazhnye gody. Moskva, Izd-vo Akad. nauk SSSR, 1960. 169 p.

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. [Transactions of the sixth session of the Commission on the Determination of the Absolute Chronology of Geological Formations, May 22-27, 1957] Trudy shestoi sessii, 22-27 maia 1957 g. Moskva, 1960. 406 p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Division of northern Kazakhstan into natural regions; Kustanay Province, North Kazakhstan Province, Kokchetav Province, Akmolinsk Province, and Pavlodar Province] Prirodnoe raionirovanie Severnogo Kazakhstana, Kustanaiskaia, Severo-Kazakhstanskaia, Kokchetavskaia, Akmolinskaia i Pavlodarskaia oblasti. Moskva, 1960. 468 p.
  9 karty.

ANDRIANOV, V. V., and others. [illegible] region] [illegible] ekonomicheskii raion. Pod red. V. G. Vasil'eva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 51 p.

ARSEN'EV, A. I. [Stars over China] Zvezdy nad Kitaem. Simferopol', Krymizdat, 1959. 117 p.

[ATLAS ON THE HISTORY OF THE U.S.S.R., for secondary schools] Atlas istorii SSSR, dlia srednei shkoly. [Moskva, Glav. upr. geodezii i kartografii M-va geologii i okhrany nedr SSSR.
  Pt. 1. [1960] 10 p.

BAROKHIN, B. A. [A month in India] Mesiats v Indii. [Moskva] Gos. izd-vo, 1959. 150 p., illus.

CHAIKOVSKII, V. K. [Geology of the tin-bearing deposits in the north-eastern part of the U.S.S.R.] Geologiia olovonosnykh mestorozhdenii severo-vostoka SSSR. Pod red. B. N. Prokopova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1960. 314 p.

CHERNYSHEVA, N. E. [Upper Silurian and Devonian trilobites of the Kuznetsk Basin] Verkhnesiluriiskie i devonskie trilobity Kuznetskogo basseina. Moskva, Gos. izd-vo geol. lit-ry, 1951. 24 p.
  (CU)

[CITY OF KIROV, a reference book] Gorod Kirov, spravochnik. [Kirov] Kirovskoe knizhnoe izd-vo, 1959. 180 p.

DEMIDOV, S. A. [Mongolian People's Republic] Mongol'skaia Narodnaia Respublika. Moskva, Gos. izd-vo geogr. lit-ry, 1952. 55 p. (U karty mira)

DRUZHININ, I. P. [illegible] 1959. 115 p.

GRIGOROV, V. I. [illegible] Moskva, [illegible] 1960. 125 p.

GUBIN, V. I. [illegible] 144 p.

GVOZDETSKII, N. A., ed. [illegible] geography of the U.S.S.R. [illegible] Izd-vo Mosk. univ.
  Vol. [illegible]
  (MH)

IAKOVLEV, A. V. [illegible]

IVANOV, A. V. [illegible] Moskva, [illegible] 1960. 154 p.

KALESNIK, [illegible] 1960. 40 p.

KAMANIN, [illegible] 1960. 204 p.

KHODZHAEV, [illegible] 1960. [illegible]

KHOROSHKO, [illegible] 152 p. illus.

KIEV. [illegible] 1951]
  (DLC)

KIRPICHNIKOV, [illegible] 1960. [illegible]

KOLOSOV, [illegible]

KONDRAT'EV, N. V. [illegible] Moskva, [illegible] 1960. 310 p.

KRIVENKO, [illegible] 1960. 74 p.

KURBATOV, A. M. [illegible] Moskva, [illegible] 1960. 74 p.

LENINGRAD. [illegible] 1959. [illegible] 1960. 320 p. [illegible]

LENINGRAD. [illegible]

LIKHOLETOV, [illegible] 1960. 145 p. [illegible]

LVOV. UNIVERSYTET. [Mineralogy of sedimentary formations] Voprosy mineralogii osadochnykh obrazovanii. Otvet. red. E. K. Lazarenko. [L'vov]
Books 3 and 4. 1956. 673 p.

MATVEEVSKAIA, A. L., and E. V. IVANOVA. [Geology of the southern part of the West Siberian Plain in connection with its oil and gas potentials] Geologicheskoe stroenie iuzhnoi chasti Zapadno-Sibirskoi nizmennosti v sviazi s voprosami neftegazonosnosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 263 p.

MERKUR'EV, N. D. [Prospecting for asbestos] Asbest i ego poiski. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 26 p. (Bibliotechka uchastnika geologicheskogo pokhoda)

MOLODYKH, I. I. [Loess in the southern part of the area between the Angara and Oka rivers] Lessovye porody iuzhnoi chasti Angaro-Okinskogo mezhdurech'ia. Irkutsk, Akad. nauk SSSR, 1958. 54 p.

[MOSCOW; a concise guidebook] Moskva; kratkaia adresno-spravochnaia kniga. Moskva, Mosk. rabochii, 1948. 360 p.
(DBC)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'-SKII INSTITUT MINERAL'NOGO SYR'IA. [Industrial specifications for the quality of raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.
No. 2. Ramzes, B. IA., and N. N. Zubarev. [Quartz sand] Pesok kvartsevyi. Nauchn. red. IU. L. Chernosvitov, 1956. 55 p.
No. 19. Shereshevskii, A. I. [Phosphate minerals; apatites and phosphorites] Fosfatnoe syr'e, apatity i fosfority. Nauchn. red. B. M. Gimmel'farb. 1959. 42 p.
No. 36. Beus, A. A. [Beryllium] Berillii. Nauchn. red. I. S. Stepanov. 1959. 35 p.
No. 45. Stepanov, I. S. [Zirconium and hafnium] TSirkonii i gafnii. Nauchn. red. G. I. Petrov. 1959. 34 p.

NOVYK, K. O., and V. V. PERMIAKOV. [Great Donets Basin; a history of its problems and the results of their study] Velykyi Donbas; istoriia stanovlennia problemy ta resul'taty doslidzhen'. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 60 p.

OROZALIEV, S. [Russian-Kirghiz glossary of geographical terms] Geografiialyk terminderdin oruscha-kyrgyzcha sozdugu. Frunze, 1960. 42 p.

OSTROVSKII, I. M. [Relief of sands in the western area of the low-lying part of the Kara Kum] Rel'ef peskov zapadnoi chasti Nizmennykh Karakumov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 92 p.

PERSHINA, A. I. [Stratigraphy and paleogeography of Devonian sediments on the right bank of the central Pechora and the southern part of the Chernyshov Ridge] Stratigrafiia i paleogeografiia devonskikh otlozhenii Pravoberezh'ia srednei Pechory i iuzhnoi chasti griady Chernysheva. Leningrad, Izd-vo Akad. nauk SSSR, 1960. 144 p., illus. diagrs.

POPADEIKIN, V. I. [Moscow-Leningrad; road guide] Moskva-Leningrad; putevoditel' po avtomobil'noi doroge. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 145 p.

RADKEVICH, E. A. [Through China with geologists] S geologami po Kitaiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 116 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Atlas of foreign countries for secondary schools; a course in economic geography] Atlas zarubezhnykh stran dlia srednei shkoly; kurs ekonomicheskoi geografii. Moskva, 1959. 40 p.
(DS)

RZHANITSYN, N. A. [Morphological and hydrological characteristics of river systems] Morfologicheskie i gidrologicheskie zakonomernosti stroeniia rechnoi seti. Leningrad, Gidrometeor. izd-vo, 1960. 237 p.

SHUTSKAIA, E. K. [Lower Paleogene stratigraphy and facies of Ciscaucasia] Stratigrafiia i fatsii nizhnego paleogena Predkavkaz'ia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 102 p.

SIABRIAI, V. T. [Coal in the Ukraine] Vuhillia na terytorii Ukrainy. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 49 p.

SMIRNOV, K. A. [Velikiye Bolgary; guidebook for the ancient site of the city] Velikie Bolgary; putevoditel' po gorodishchu. Moskva, Izd-vo Akad. nauk SSSR, 1960. 34 p.

SOVESHCHANIE PO PRIRODNYM MINERAL'NYM SORBENTAM. Kiev, 1958. [Natural mineral sorbents, proceedings of the conference held June 9-12, 1958 in Kiev] Prirodnye mineral'nye sorbenty, trudy. Kiev, 1960. 370 p.

TERESHENKOV, E. IA. [Territory of seven treasures] Krai semi sokrovishch. Vladivostok, Primorskoe knizhnoe izd-vo, 1959. 223 p.

[TOURIST PATHS] Turistskie tropy; al'manakh. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Book 3. 1960. 255 p.

UVACHAN, V. N., comp. [The Yenisey north, bibliography] Eniseiskii Sever, bibliograficheskii ukazatel'. Krasnoiarsk, Krasnoiarskaia kraevaia biblioteka, 1959. 131 p.

VARSHAVSKII, A. S. [Path leads south] Doroga vedet na iug. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 95 p.

VERIN, V. P., and N. A. VERINA. [Cambodia] Kambodzha. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 41 p. (U karty mira)

ZAIKOV, B. D. [Studies in limnology] Ocherki po ozerovedeniiu. Leningrad, Gidrometeor. izd-vo.
Pt. 2. 1960. 238 p.

13. SCIENCE

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut botaniki [Collection of works by graduate students and young scientists dedicated to the 1500th anniversary of Tiflis and the 40th anniversary of the Communist Youth League] Sbornik rabot aspirantov i molodykh nauchnykh rabotnikov, posviashchennyi 1500-letiiu g Tbilisi i 40-letiiu komsomola. Tbilisi, 1960 59 p [In Georgian with summaries in Russian]

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut botaniki. [Early spring plants of Kirghizistan, key for the identification of plants of the agricultural zone] Rannovesennie rasteniia Kirgizii; opredelitel' rastenii zemledel'cheskoi zony. Sost. E. V. Nikitina, R. A. Aidarova i A. U. Ubukeeva. Frunze, 1960. 111 p.

AKADEMIIA NAUK SSSR. Otdelenie khimicheskikh nauk. [Chromatography, its theory and uses, proceedings of the All-Union Conference on Chromatography] Khromatografiia, ee teoriia i primenenie; trudy Vsesoiuznogo Soveshchaniia po khromatografii. Moskva, 1960. 462 p.

AKADEMIIA NAUK SSSR Radievyi institut. [Radiochemical analysis of fission products, collected articles] Radiokhimicheskii analiz produktov deleniia, sbornik statei. Moskva, 1960. 134 p.

AKADEMIIA NAUK SSSR. Sektor seti spetsial'nykh bibliotek. [Radio astronomy; annotated bibliographical index of Russian and foreign literature, 1932-1958] Radioastronomiia; annotirovannyi bibliograficheskii ukazatel' otechestvennoi i inostrannoi literatury 1932-1958 gg. Moskva, 1960. 215 p.

AKADEMIIA NAUK URSR, Kiev. Instytut fiziologii. [Problems in the physiology and pathology of coronary circulation] Voprosy fiziologii i patologii koronarnogo krovoobrashcheniia. Kiev, 1960. 149 p.

ALIKHANOV, A. I. [Weak interactions; recent investigations of beta decay] Slabye vzaimodeistviia; noveishie issledovaniia β-raspada. Moskva, Gos. izd-vo fizikomatem. lit-ry, 1960. 143 p. (Sovremennye problemy fiziki)

[ASTRONOMY IN THE U. S. S. R. DURING FORTY YEARS 1917-1957, collected articles] Astronomiia v SSSR za sorok let, 1917-1957; sbornik statei. Red. kollegiia: A. A. Mikhailov i dr. Moskva, Gos. izd-vo fizikomatem. lit-ry, 1960. 728 p.

BALASHOVA, E. N., O. M. ZHITOMIRSKAIA, and O. A. SEMENOVA. [Climatic characteristics of the republics of Central Asia] Klimaticheskoe opisanie respublik Srednei Azii. Leningrad, Gidrometeor. izd-vo, 1960. 240 p.

BARSHAI, S. E. [Adjustment of the figures in triangulation by the use of formulas] Uravnoveshivanie tipovykh figur triangulatsii po gotovym formulam. Moskva, Izd-vo geod. lit-ry, 1960. 150 p.

BERITASHVILI, I. S. [General physiology of the muscular and nervous system] Obshchaia fiziologiia myshechnoi i nervnoi sistemy Izd 3 , perer Moskva, Medgiz, 1959. 1 v
(DNLM)

BERITASHVILI, I. S [Neural mechanisms of spatial orientation in higher vertebrates] O nervnykh mekhanizmakh prostranstvennoi orientatsii vysshikh pozvonochnykh zhivotnykh Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1959. 346 p.

BOENKO, I. D., and V. A. KOZLOV. [Influence of the climate of Transbaikalia on the human body] O vliianii klimata Zabaikal'ia na organizm cheloveka. [Chita] Chitinskoe knizhnoe izd-vo, 1959. 79 p.

BYKOV, K. M., and A. D. SLONIM. [Investigations of complex reflex activity in animals and man] Issledovaniia slozhnoreflektornoi deiatel'nosti zhivotnykh i cheloveka v estestvennykh usloviiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 202 p.

CHAILAKHIAN, M. KH. [K. A. Timiriazev, scientist, fighter, and thinker] K. A. Timiriazev - uchenyi, borets, myslitel'. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 11)

CHERENKOV, P. A., I. E. TAMM, and I. M. FRANK. [Nobel lectures] Nobelevskie lektsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 73 p.

DAVITASHVILI, L. SH. [Teaching of Charles Darwin and the regularity of the historical development of organisms. Uchenie Charlza Darvina i zakonomernosti istoricheskogo razvitiia organizmov. Tbilisi, Izd-vo Akad. nauk Gruz SSR] 1959. 42 p. [In Georgian.]

DELONE, B. N., and D. A. RAIKOV. [Analytical geometry] Analiticheskaia geometriia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Vol. 2. 1949. 516 p.

DERIM-OGLU, E. N. [Forest stories; notes of a naturalist] Lesnye byli; zametki naturalista. [Moskva] Mosk. rabochii, 1960. 201 p.

DRUZHININ, N. S., P. P. TSYLBOV, and K. A. SHKOL'NIK. [Course of drawing] Kurs chercheniia. Izd. 3., ispr. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Pt. 1. [Geometrical drawing; drawing practice and geometrical constructions] Geometricheskoe cherchenie, tekhnika chercheniia i geometricheskie postroeniia. 1960. 176 p.

DZHAPARIDZE, P. N. [Origin of organic substances and life on earth] Proiskhozhdenie organicheskikh veshchestv i zhizni na zemle; opyt obobshcheniia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 240 p.
(CU)

EFIMOV, N. V. [Short course of analytical geometry] Kratkii kurs analiticheskoi geometrii. Izd. 5., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 256 p.

ELINSON, S. V., and K. I. PETROV. [Zirconium, chemical and physical methods of analysis] TSirkonii; khimicheskie i fizicheskie metody analiza. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 211 p.

FIKHTENGOL'TS, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 4., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 1. 1960. 440 p.

FINKEL'SHTEIN, D. N. [Inert gases] Inertnye gazy. Moskva, Izd-vo "Znanie," 1960. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 12)

[FLORA OF THE KIRGHIZ S. S. R., key to the plants of the Kirghiz S. S. R.] Flora Kirghizskoi SSR, opredelitel' rastenii Kirghizskoi SSR. Sost. E. V. Nikitina i dr. Nauchn. red. A. I. Vvedenskii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR. [In Russian with summary in Kirghiz.]
Vol. 8. [The carrot, dogwood, wintergreen, heath, primrose, leadwort, olive, gentian, dog-

bane, milkweed, and morning-glory families] Semeistva: zontichnye, kizilovye, grushankovye, vereskovye, pervotsvetnye, svinchatkovye, maslinovye, gorechavkovye, kutrovye, lastovnevye, v'iunkovye. 1959. 222 p.
  Vol. 9. [The mint and nightshade families] Semeistva gubotsvetnye i paslenovye. 1960. 213 p.

GAMBURTSEV, G. A. [Selected studies] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 401 p.

GARIB'IAN, R. B., and N. G. MARKOV. [Human anatomy and physiology, a textbook for the 8th grade in secondary schools] Anatomiia i fiziologiia cheloveka, uchebnik dlia 8 klassa srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 206 p.
  (NhD)

GEL'FAND, I. M., D. A. RAIKOV, and G. E. SHILOV. [Commutative normed rings] Kommutativnye normirovannye kol'tsa. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 315 p. (Sovremennye problemy matematiki)

GIRS, A. A. [Fundamentals of long-range weather forecasting] Osnovy dolgosrochnykh prognozov pogody. Leningrad, Gidrometeor izd-vo, 1960. 559 p.

GONIKBERG, M. G. [Chemical equilibrium and rates of reactions at high pressures] Khimicheskoe ravnovesie i skorost' reaktsii pri vysokikh davleniiakh. Izd. 2., perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.

GORDADZE, G. N. [Helminths parasitic in man. Parazitornye glisty cheloveka. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1960. 30 p. [In Georgian.]

GRUSHVITSKII, I. V., and S. A. RAZUMOV. [Biology and religion] Biologiia i religiia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 70 p.

HOLOVEIKO, A. H. [Mathematical treatment of experimental data] Matematicheskaia obrabotka opytnykh dannykh. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 115 p.

HOLUB, A. M., and A. M. PETRUSENKO. [D. I. Mendeleev's law is a fundamental law of nature] Periodychnyi zakon D I Mendelieieva - fundamental'nyi zakon pryrody. Kyiv, 1960. 56 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 3-4)

HUDYMENKO, F I, and others, comps. [Russian-Ukrainian mathematics dictionary, 12,000 words] Russko-ukrainskii matematicheskii slovar', 12000 terminov Izd-vo Akad. nauk USSR, 1960. 162 p

IANPOL'SKII, A. R. [Hyperbolic functions] Giperbolicheskie funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 194 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

[IL'MEN' PRESERVE] Il'menskii zapovednik [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 140 p.

INTERNATIONAL COMMISSION ON RADIOLOGICAL UNITS AND MEASUREMENTS (ICRU). Geneva, 1956. [Activity units and doses of ionizing radiaton, recommendations of the International Commission on Radiological Units and Measurements. Preface by N. G. Gusev] Edinitsy aktivnosti i dozy ioniziruiushchikh izluchenii, rekomendatsii Mezhdunarodnoi komissii po radiologicheskim edinitsam i izmereniiam. Moskva, Izd-vo inostr. lit-ry, 1959. 76 p.

INTERNATIONAL SYMPOSIUM ON MACROMOLECULAR CHEMISTRY. Moscow, 1960 [Reports and summaries] Doklady i avtoreferaty. [Moskva]
  Sec. 1. 1960. 346 p.
  Sec. 2. 1960. 559 p.
  Sec. 3. 1960. 469 p.

IOGANZEN, V. G, and others [Lamarck and modern natural science, on the 150th anniversary of J. B Lamarck's theory of evolution] Lamark i sovremennoe estestvoznanie, k 150-letiiu evoliutsionnogo ucheniia Zh B Lamarka Tomsk, Izd-vo Tomskogo univ, 1959 44 p

ISAKOV, KOICHU [Vegetation of the Chongkemin Basin] Rastitel'nost' basseina reki Chon-Kemin. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959. 267 p

IVANOV, N. D. [Darwinism and the theories of heredity] Darvinizm i teorii nasledstvennosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 277 p.

IZRAIL'SKII, V. P., ed. [Bacterial diseases of plants] Bakterial'nye bolezni rastenii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 467 p.

KALININ, S. K., and others. [Atlas of spectral lines for a glass spectrograph] Atlas spektral'nykh linii dlia stekliannogo spektrografa. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 61 p., 26 charts (in portfolio)

KARLIUK, A. S. [Struggle between materialism and idealism in Russian physics, the second half of the 19th and the beginning of the 20th century] Bor'ba materializma-idealizma v otechestvennoi fizike; II polovina XIX i nachalo XX vv. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1959. 1 v.
  (CU)

KASATOCHKIN, V. I., and A G. PASYNSKII. [Physical and colloid chemistry] Fizicheskaia i kolloidnaia khimiia. Moskva, Gos. izd-vo med. lit-ry, 1960. 290 p

KEILIS-BOROK, V. I. [Interference surface waves] Interferentsionnye poverkhnostnye volny Moskva, Izd-vo Akad nauk SSSR, 1960. 194 p.

KETSKHOVELI, N. N. [Vegetation cover of Georgia] Rastitel'nyi pokrov Gruzii. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1959. 441 p., col. map. [In Georgian with summary in Russian.]

KHESIN, R. B. [Biochemistry of the cytoplasm] Biokhimiia tsitoplazmy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 288 p.

KIRIKOV, S. V. [Changes in the animal world in natural zones of the U. S. S. R. during the 18th and 19th centuries, forest zone and forest tundra] Izmeneniia zhivotnogo mira v prirodnykh zonakh SSSR, XIII - XIX vv., lesnaia zona i lesotundra. Moskva, Izd-vo Akad. nauk SSSR, 1960. 155 p.

KISELEVA, E. V., G. S. KARETNIKOV, and I. V. KUDRIASHOV. [Collection of illustrated physical chemistry problems and exercises] Sbornik primerov i zadach po fizicheskoi khimii. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 264 p.

KOBAKHIDZE, D. N. [The common mole cricket (Gryllotalpa gryllotalpa L.) in the U. S. S. R.] Obyknovennaia medvedka (Gryllotalpa gryllotalpa L.) v SSSR. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 70 p.

KOLMOGOROV, A. N., and S. V. FOMIN. [Elements of the theory of functions and of functional analysis] Elementy teorii funktsii i funktsional'nogo analiza. [Moskva] Izd-vo Mosk. univ.
  No. 2. [Measure, Lebesgue integral, Hilbert space] Mera, integral Lebega, gil'bertovo prostranstvo. 1960. 118 p.

KOMAROV, V. N. [Marvelous phenomena in the sky] Chudesnye iavleniia na nebe. Moskva, Gos. izd-vo polit. lit-ry, 1960. 94 p.

KORNEVA, I G. [Station geobotanical investigations in the Susamyr Valley] Statsionarnye geobotanicheskie issledovaniia Susamyrskoi doliny. Frunze, Izd-vo Akad nauk Kirgizskoi SSR, 1959 174 p

KORNILOVA, V. S. [Lower Miocene flora of Kushuk (Turgay Gates)] Nizhnemiotsenovaia flora Kushuka (Turgaiskii progib). Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 128 p., illus.

KOSTIUK, P. G. [Microelectrode techniques] Mikroelektrodnaia tekhnika. Kiev, Izd-vo Akad. nauk USSR 1960. 125 p.

KOZYREVA-ALEKSANDROVA, L. S., and N. I. TEMNIKOVA. [Radioactive isotope of iodine, I^{131}] Radioaktivnyi izotop ioda J^{131}. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 21 p.

KRUZHILIN, A. S. [Interaction of stock and scion in plant grafts] Vzaimovliianie privoia i podvoia rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.

KURDIANI, I. G. [Thunderstorms and hail. Groza i grad. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1960. 81 p. [In Georgian]

KUZ'MIN, P. P. [Formation of the snow cover and methods of determining the snow supply] Formirovanie snezhnogo pokrova i metody opredeleniia snegozapasov. Leningrad, Gidrometeor. izd-vo, 1960. 169 p.

LANDAU, L. D., and E. M. LIFSHITS. [Theoretical physics] Teoreticheskaia fizika. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
  Vol. 2. [Field theory] Teoriia polia. Izd. 3-e, perer. 1960. 400 p.

LEMPERT, M. D. [Biochemical research methods, manual for medical laboratory workers] Biokhimicheskie metody issledovaniia, rukovodstvo dlia meditsinskikh laborantov. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 169 p.

LENINGRAD UNIVERSITET. [International Geophysical Year; collection of articles and data] Mezhdunarodnyi geofizicheskii god. Année Géophysique Internationale, sbornik statei i materialov. [Leningrad] 1960. 222 p.

LENINGRAD. UNIVERSITET. [Some aspects of the theory of the structure of organic compounds] Voprosy teorii stroeniia organicheskikh soedinenii. [Leningrad] Izd-vo Leningr. univ, 1960. 239 p.

LISOVSKAIA, N. P., and N. B. LIVANOVA. [Phosphoproteins] Fosfoproteiny. Moskva, Izd-vo Akad. nauk SSSR, 1960. 110 p.

LUKASIEWICZ, JAN. [Aristotle's syllogistic from the standpoint of modern formal logic. Translated from the English. Preface by P. S. Popov] Aristotelevskaia sillogistika s tochki zreniia sovremennoi formal'noi logiki. Moskva, Izd-vo inostr. lit-ry, 1959. 310 p.

MAISKII, I. N. [Biology and medical progress] Biologiia i progress meditsiny. Moskva, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 10)

MAMEDOV, KH. S. [Crystallochemistry of calcium silicates and hydrosilicates] Kristallokhimiia silikatov i gidrosilikatov kal'tsiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 126 p. [In Azerbaijani.]

MELIUKHIN, S. T. [Dialectics of the development of inorganic nature] O dialektike razvitiia neorganicheskoi prirody. Moskva, Gos. izd-vo polit. lit-ry, 1960. 242 p.

MENDELEEV, D. I. [Conquest of the Far North] Osvoenie Krainego Severa. Moskva, Izd-vo Akad. nauk SSSR. (Nauchnyi arkhiv)
  Vol. 1. [High latitudes of the Arctic Ocean] Vysokie shiroty Severnogo Ledovitogo okeana. 1960. 427 p.

MIKRIUKOV, V. E. [Course of thermodynamics] Kurs termodinamiki. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 235 p.

MOSCOW. GLAVNYI BOTANICHESKII SAD. [Ornamental perennials; brief results of introduction at the Main Botanical Garden of the Academy of Sciences of the U. S. S. R.] Dekorativnye mnogoletniki; kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR, 1960. 333 p.

NADEINSKII, B. P. [Theoretical principles and calculations of analytical chemistry] Teoreticheskie obosnovaniia i raschety v analiticheskoi khimii. Izd. 3., perer. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 443 p.

NIKITINA, E. V. [Materials on the flora of the northern slope of the Kirghiz Ala-Tau] Materialy po flore severnogo sklona khrebta Kirgizskii Ala-Too. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 146 p.

NIKITINA, E V. [Poisonous, noxious, and inedible plants in pastures of the Kirghiz S. S. R.] IAdovitye, vrednye i nepoedaemye rasteniia pastbishch Kirgizskoi SSR. Frunze, Akad. nauk. Kirgizskoi SSR, 1959. 55 p., illus.

OSTROVSKII, A. I., and B. A. KORDEMSKII. [Geometry helps arithmetic] Geometriia pomogaet arifmetike. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 165 p.

PARNAS, IA. O. [Collected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 491 p.

PAVLOV, V. A. [Metabolism and biological rotation] Obmen veshchestv i biologicheskii krugovorot. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 93 p.

NARIKASHVILI, S. P. [Some problems in the physiology and pathology of the reticular formation of the brain. Nekotorye voprosy fiziologii i patologii setevidnoi formatsii golovnogo mozga. Tbilisi, Izd-vo Akad. nauk Gruz. SSR] 1959. 76 p. [In Georgian.]

POSTNIKOV, M.M. [Fundamentals of the Galois theory] Osnovy teorii Galua. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 124 p.

PREDVODITELEV, A.S., and others [Thermodynamic functions of the air for temperatures from 1,000 to 12,000°K and pressures from 0.001 to 1,000 atm., graphs of the functions] Termodinamicheskie funktsii vozdukha dlia temperatur ot 1000 do 12000° K i davlenii ot 0,001 do 1000 atm, grafiki funktsii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 63 p.

RAZENKOV, I.P. [Selected works] Izbrannye trudy. Moskva, Medgiz, 1959. 1 v.
(DNLM)

[REPORTS AT THE CONFERENCE ON GENERAL PROBLEMS OF BIOLOGY DEDICATED TO THE CENTENNIAL OF DARWINISM] Soveshchanie po obshchim voprosam biologii, posviashchennoe stoletiiu darvinizma. Doklady. Tomsk, Izd-vo Tomskogo univ., 1959. 309 p.

RZHEVKIN, S.N. [Lecture course on the theory of sound] Kurs lektsii po teorii zvuka. [Moskva] Izd-vo Mosk. univ., 1960. [illegible] p.

[illegible], L.I., F.E. EVENCHIK, and V.P. [illegible] [Methods of teaching physics in secondary schools] Metodika prepodavaniia fiziki v srednei shkole. Pod red. [illegible] Moskva, Izd-vo Akad. pedagog. nauk RSFSR. (Pedagogicheskaia biblioteka uchitelia)
V. 2. [Mechanics (continuation), molecular physics and heat] Mekhanika (prodolzhenie), molekuliarnaia fizika i teplota. 1960. 405 p.

RUBIN, B.A. [Respiration and its role in the immunity of plants; reported at the 19th annual Timiriazev reading, May 30, 1958] Dykhanie rastenii v [illegible], doklad na [illegible] Timiriazevskom chtenii 30 maia 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 65 p. (Timiriazevskie chteniia, no. 19)

RUMER, IU.B., and M.S. RYVKIN. [Theory of relativity] Teoriia otnositel'nosti. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 211 p.

SAUL'EV, V.K. [Integration of parabolic equations by the lattice method] Integrirovanie uravnenii parabolicheskogo tipa metodom setok. Pod red. L.A. Liusternika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. [illegible] p. (Biblioteka prikladnogo analiza i vychislitel'noi matematiki)

[illegible], V.G., and V.D. PADALKO. [How to prepare for entrance examinations to institutions of higher learning (physics)] Kak podgotovit'sia k priemnym ekzamenam v VUZ, fizika. [Leningrad] Izd-vo Leningr. univ., 1960. 201 p.

[illegible], A.A. [Place [illegible], application, [illegible]] [illegible] Pod red. A.P. Nazina. Moskva, Gos. [illegible] lit-ry, 1960. 2[illegible] p.

[illegible], E.P. [Textbook on mathematics for persons entering institutions of higher learning; problems presented at competitive examinations and their solutions] Posobie po matematike dlia postupaiushchikh v vysshie uchebnye zavedeniia; sbornik konkursnykh zadach s resheniiami. Izd. 4. Minsk, [illegible] im. V.I. Lenina, 1960. 2[illegible] p.

[illegible], V.R. [Physiology of metabolism in [illegible] tissues with reference to functional evolution] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. 161 p.

[illegible]ADZE, V.A. [Key for the identification of fishes of Georgia] Opredelitel' ryb Gruzii. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry, "Tsodna" 1960. 211 p. [In Georgian.]

SHTOKALO, I.Z. [Linear differential equations with variable coefficients, asymptotic methods and criteria of the stability and instability of solutions] Lineinye differentsial'nye uravneniia s peremennymi koeffitsientami, asimptoticheskie metody i kriterii ustoichivosti i neustoichivosti reshenii. Kiev, Izd-vo Akad. nauk USSR, 1960. 75 p.

[illegible], K.V. [Trigonometrical functions] Trigonometricheskie funktsii, posobie dlia uchitelei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1952. 1[illegible] p.

[SOME MATHEMATICAL PROBLEMS ON NEUTRON PHYSICS] Nekotorye matematicheskie zadachi neitronnoi fiziki, sbornik rabot kafedry atomnogo iadra fizicheskogo fakul'teta MGU pod red. E.B. Kuznetsova. [Moskva] Izd-vo Mosk. univ., 1960. [illegible] p.

SPIVAK, G.V., ed. [Special practical manual in physics] Spetsial'nyi fizicheskii praktikum. [Moskva] Izd-vo Mosk. univ.
Vol. 1. [Radiophysics and electronics] Radiofizika i elektronika. 1960. 600 p.

SUKHOV, K.S. [General virusology] Obshchaia virusologiia. Moskva, Sovetskaia nauka, 1959. 275 p.

TIMAN, A.F. [Approximation theory of functions of real variables] Teoriia priblizheniia funktsii deistvitel'nogo peremennogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 624 p.

TKACHENKO, V.I. [Trees and shrubs of the North American flora in the botanical garden of Frunze] Derev'ia i kustarniki severoamerikanskoi flory v usloviiakh Botanicheskogo sada goroda Frunze. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 120 p.

TOLSTOV, G.P. [Fourier series] Riady Fur'e. Izd. 2., ispr. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 390 p. (Fiziko-matematicheskaia biblioteka inzhenera)

TUMANOV, S.I. [Elementary algebra, textbook for self study] Elementarnaia algebra, posobie dlia samoobrazovaniia. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 605 p.

TURUSBEKOV, M. [Dictionary of physics terminology] Fizikalyk terminderdin sozdugu, doolbaar. Slovar' fizicheskikh terminov, proekt. Frunze, Akad. nauk Kirgizskoi SSR, Terminologicheskaia komissiia, 1960. 100 p.

TU[illegible], VA[illegible]DA. [Structure of double flowers] Stroenie makhrovykh tsvetkov. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 320 p.

VAL'TER, A.K. [Introduction into the physics of elementary particles] Vvedenie v fiziku elementarnykh chastits. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A.M. Gor'kogo, 1960. 301 p.

VINOGRADOV, K.O. [Fish fauna of the northwestern part of the Black Sea] Ikhtiofauna pivnichno-zakhidnoi chastyny Chornoho moria. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 114 p.

VITVITSKII, G.N. [Climates of non-Soviet Asia] Klimaty zarubezhnoi Azii. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 397 p.
[MICROFILM]

VOLDARSKII, L.I. [Practical manual on the collection and procurement of wild medicinal plants] Prakticheskoe rukovodstvo po sboru i zagotovke dikorastushchikh lekarstvennykh rastenii. Moskva, Medgiz, 1959. 278 p.
(DNLM)

VOLOGDIN, A.G. [Paleontology and search for mineral resources] Paleontologiia i poiski poleznykh iskopaemykh. Moskva, Izd-vo "Znanie," 1960. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 11)

VOLYNSKII, B.A., and V.E. BUKHMAN. [Models for solving boundary problems] Modeli dlia resheniia kraevykh zadach. Pod red. L.A. Liusternika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 451 p. (Fiziko-matematicheskaia biblioteka inzhenera)

VOROB'EV, V.I. [Jet streams in high and temperate latitudes] Struinye techeniia v vysokikh i umerennykh shirotakh. Leningrad, Gidrometeor. izd-vo, 1960. 233 p.

VORONTSOV, D.S., V.M. NIKITIN, and P.M. SEREBRIAKOV. [An outline of the history of physiology in the Ukraine] Narysy z istorii fiziolohii na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 253 p.

VSESOIUZNOE OBSHCHESTVO OKHRANY PRIRODY. Tsentral'nyi sovet. [Aquarium] Akvarium, sbornik statei. Moskva, 1960. 60 p.

VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. [Problems in evolution, biography, genetics, and breeding; collection of articles dedicated to the 70th anniversary of Academician N.I. Vavilov's birth] Voprosy evoliutsii, biogeografii, genetiki i selektsii; sbornik, posviashchennyi 70-letiiu so dnia rozhdeniia akademika N.I. Vavilova. Moskva, 1960. 335 p.

ZAITSEV, V.A., and A.A. LEDOKHOVICH. [Instruments and the study of clouds from an airplane] Pribory i metodika issledovaniia oblakov s samoleta. Leningrad, Gidrometeor. izd-vo, 1960. 175 p.

ZEL'DOVICH, IA.B. [Higher mathematics for beginners and its applications in physics] Vysshaia matematika dlia nachinaiushchikh i ee prilozheniia k fizike. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 460 p.

ZHORDANIIA, R.G. [Terminological dictionary of names of Georgian birds, Latin, *Georgian, Russian, and* German nomenclature] Terminologicheskii slovar' ptits Gruzii, latinskaia, gruzinskaia, *russkaia i* nemetskaia nomenklatura. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 61 p. [*In Georgian.*]

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. *Institut virusologii.* [Physiology and biochemistry of viruses] Fiziologiia i biokhimiia virusov. Pod red. *P.N. Kosiakova*, V.L. Ryzhkova i I.M. Tarasevich. Moskva, Gos. izd-vo med. lit-ry, 1959. 184 p.

AKADEMIIA NAUK USSR, Kiev. Institut mikrobiologii. [Mycotoxicoses in man and farm animals] Mikotoksikozy cheloveka i sel'skokhoziaistvennykh zhivotnykh. Pod red. V.I. Bilai. Kiev, 1960. 100 p.

AKHREM-AKHREMOVICH, R.M. [Clinical forms of brucellosis and their treatment, methodological note] Klinicheskie formy brutselleza i ikh lechenie; metodicheskoe pis'mo. [Omsk 1957] 20 p.
(DNLM)

ANICHKOV, S.V., ed. [Selective action of drugs on the central nervous system] Izbiratel'noe deistvie lekarstvennykh veshchestv na tsentral'nuiu nervnuiu sistemu. [Leningrad] Medgiz, 1958. 180 p.
(DNLM)

ARBUZOV, S.IA. [Awakening and antinarcotic action of stimulators of the nervous system] Probuzhdaiushchee i antinarkoticheskoe deistvie stimuliatorov nervnoi sistemy. [Leningrad] Gos. izd-vo med. lit-ry, *Leningr. otd-nie*, 1960. 260 p.
(DNLM)

ARKHANGEL'SKAIA-LEVINA, M.S. [Methodological manual for practical studies in general surgery] Metodicheskoe posobie k prakticheskim zaniatiiam po obshchei khirurgii. [Leningrad] Medgiz, 1960. 203 p.
(DNLM)

ASTAKHOV, S.N. [Prevention and treatment of nervousness in children] Preduprezhdenie i lechenie detskoi nervnosti. [Leningrad] Medgiz, 1959. 82 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

BAKULEV, A.N. [Basic results of research of the Academy of Medical Sciences of the U.S.S.R. for 1958] Osnovnye itogi nauchnykh issledovanii Akademii meditsinskikh nauk SSSR za 1958 g. Moskva, Gos. izd-vo med. lit-ry, 1959. 74 p.

BARANOVA, A.G. [Diagnosis of intrathoracic tumors] Diagnostika intratorakal'nykh opukholei. [Leningrad] *Medgiz, 1959.* 201 p.
(DNLM)

BERKOVICH, E.N., and N.B. [illegible]. [Mother's diary] Dnevnik materi. Red.-sost. O.P. Nogina. Red. N.M. Aksarina i P.G. Karamzina. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1960. 170 p.

BOGDANOV, D.P. [Preventive examinations to detect dermatomycoses, instructions on methods] Profilakticheskie osmotry po vyiavleniiu dermatomikozov, metodicheskoe pis'mo. Leningrad, 1954. 19 p.
(DNLM)

BUNIN, K.V. [Principles and practices in the treatment of patients with infectious diseases, manual for physicians and students] Printsipy i praktika lecheniia infektsionnykh bol'nykh, posobie dlia vrachei i studentov. Moskva, Izd. 1-go Mosk. med. in-ta im. I.M. Sechenova, 1958. 111 p.
(DNLM)

[CURRENT PROBLEMS IN PROCTOLOGY; clinical aspects and treatment of diseases of the rectum] Aktual'nye voprosy proktologii; klinika i lechenie zabolevanii priamoi kishki. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 202 p.
(DNLM)

DAIKHES, M.T. [Why healthy children lose their appetites] Pochemu zdorovye deti mogut poteriat' appetit. Moskva, [Uchpedgiz] 1957. 30 p. (Roditeliam o vospitanii)
(DNLM)

DAMIROV, I. A. [Presence of santonin in some forms of wormwood growing in Azerbaijan] Nakhozhdenie santonina v nekotorykh vidakh polynei, proizrastaiushchikh v Azerbaidzhane. Baku, Izd-vo Azerbaidzhanskogo univ., 1957. 90 p.
(DNLM)

DANILEVSKII, N. F. [Interdental papilla, its inflammation, treatment, and prophylaxis] Mizhzubnyi sosochok, ioho zapalennia, likuvannia i profilaktyka. Kyiv, Derzhmedvydav URSR, 1958. 103 p
(DNLM)

DAVIDOV, R. B. [Milk in the human diet] Moloko v pitanii cheloveka. Moskva, Medgiz, 1959. 170 p. (Biblioteka prakticheskogo vracha)
(DNLM)

DEMETER, G. S. [Lenin on physical education and the protection of workers' health] Lenin ob okhrane zdorov'ia trudiashchikhsia i fizicheskoi kul'ture. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 71 p.

DIACHENKO, S. S. [Diagnostic microbiological investigations in infectious diseases] Diagnostychni mikrobiologichni doslidzhennia, pry infektsiinykh zakhvoriuvanniakh. Kyiv, [Derzhmedvydav] URSR, 1957. 276 p.
(DNLM)

DIONESOV, S. M. [Pain, the influence of painful irritations on the vital activity of the body] Bol'; vliianie bolevykh razdrazhenii na zhiznedeiatel'nost' organizma. Blagoveshchensk, Amurskoe knizhnoe izd-vo 1958. 231 p.
(DNLM)

DOBROVOL'SKII, V. K , ed. [Therapeutic physical culture] Lechebnaia fizicheskaia kul'tura. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr otd-nie, 1960. 349 p.
(DNLM)

DUBROVINSKII, S. B. [Smallpox and smallpox vaccination] Ospa i ospoprivivanie. Moskva, Medgiz, 1959. 160 p. (Biblioteka prakticheskogo vracha)
(DNLM)

EIDEL'SHTEIN, S. I. [Antibiotics] Antibiotiki. Moskva, Medgiz, 1959. 51 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

EIDINOVA, M. B., and E. N. PRAVDINA-VINARSKAIA [Cerebral palsy in children and ways of overcoming it] Detskie tserebral'nye paralichi i puti ikh preodoleniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 215 p.
(DNLM)

ELANTSEV, B. V. [Operative otorhinolaryngology] Operativnaia otorinolaringologiia. Alma-Ata [Kazgosizdat] 1959. 482 p.
(DNLM)

FAIBUSHEVICH, V. M. [Mineral waters and their use in therapy] Mineral'nye vody i ikh lechebnoe primenenie. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 191 p.
(DNLM)

FISHER, E. M. [Concomitant strabismus and its treatment] Sodruzhestvennoe kosoglazie i ego lechenie. Moskva, Medgiz, 1958. 219 p.
(DNLM)

GEKHTMAN, M. IA. [Twenty first Congress of the CPSU and the prospects for developing public health in Moldavia] XXI s"ezd KPSS i perspektivy razvitiia zdravookhraneniia v Moldavskoi SSR. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 37 p.
(DBC)

GINZBURG, V. V. [Lymphatics of the lower extremities in man] Limfaticheskaia sistema nizhnikh konechnostei cheloveka. [Leningrad] Medgiz, 1959. 130 p.
(DNLM)

GITMAN, S. M. [Bibliographic index of Soviet dermatology and venereology for 1946-1950] Bibliograficheskii ukazatel' sovetskoi dermatologii i venerologii za 1946-1950 gg. Moskva, Gos. izd-vo med. lit-ry. Vol. 3, Book 2. 1958. 398 p.

GORBENKO, F. P., and S IU. PIL'KEVICH [Morshin Health Resort] Kurort Morshin. Izd. 2., dop. ispr. Kiev, Gos. med. izd-vo USSR, 1959 63 p.

GRACHEVA, N. P. [A great life] Bol'shaia zhizn'. Moskva, Gos. izd-vo med. lit-ry, 1959. 46 p. (Nauchno-populiarnaia meditsinskaia literatura)

GROMASHEVSKII, L. V. [Mechanisms of the transmission of infection, theory of the mechanism of transmission of pathogens of communicable diseases and its importance in epidemiology] Mekhanizmy peredachi infektsii; uchenie o mekhanizme peredachi vozbuditelei infektsionnykh boleznei i ego znachenie v epidemiologii. Kiev, Gosmedizdat USSR, 1958. 331 p.
(DNLM)

GROMBAKH, S M [Class hygiene in school] Gigiena uchebnykh zaniatii v shkole. Moskva, Medgiz, 1959. 122 p
(DNLM)

GUBERGRITS, A. IA., and L. A. LESHCHINSKII. [Rheumatic fever and its control] Revmatizm i bor'ba s nim. Moskva, Medgiz, 1958. 56 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

GUREVICH, N. I. [Acute surgical diseases of the abdomen] Ostrye khirurgicheskie zabolevaniia briushnoi polosti. Izd. 3., ispr. i dop. Moskva, Medgiz, 1959. 134 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HORDIENKO, A. N. [Pathological physiology] Patologichna fiziologiia. Kyiv, [Derzhmedvydav] URSR, 1958. 374 p.
(DNLM)

IARUSOVA, N. S. [Vitamin C (ascorbic acid) and food enriched with Vitamin C.] O vitamine C (askorbinovoi kislote) i C-vitaminizatsii pishchi. Moskva, Gos. izd-vo med. lit-ry, 1960. 57 p.

IL'INSKII, P. I. [Bronchial asthma in children, monograph] Bronkhial'naia astma u detei; monografiia. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 153 p.
(DNLM)

INSTITUT MEDITSINSKOI PARAZITOLOGII I TROPICHESKOI MEDITSINY IM. E. I. MARTSINOVSKOGO. [Transactions of the Institute of Medical Parasitology and Tropical Medicine] Trudy Instituta. Pod red. V. N. Beklemisheva i M. G. Rashinoi. Moskva, 1959. 633 p.

IRGER, I. M. [Clinical treatment and surgery in cerebellar tumors] Klinika i khirurgicheskoe lechenie opukholei mozzhechka. Moskva, Medgiz, 1959. 366 p.
(DNLM)

KALMYKOV, P. E. [Methods of research in hygiene] Metody gigienicheskikh issledovanii. Moskva, Medgiz, 1952. 450 p.
(DNLM)

KAPLAN, A. L., and L. G. STEPANOV, eds. [Obstetric hospital clinic, a manual for physicians and students] Akusherskaia gospital'naia klinika; posobie dlia vrachei i studentov. Moskva, Medgiz, 1959. 501 p.
(DNLM)

KAVETS'KYI, R. IE., and K. P. BALYTS'KYI. [Contribution of scientists of the Academy of Sciences of the Ukrainian S. S. R. to the development of medicine] Vklad uchenykh Akademii nauk Ukrains'koi RSR v rozvytok medytsyny. Kyiv, Vyd-vo Akad. nauk URSR, 1957. 103 p.

KHMELEVSKII, V. N. [Clinical prescription writing for the obstetrician and gynecologist, handbook for physicians] Klinichna retseptura akushera-ginekologa; posibnyk dlia likariv. Kyiv [Derzhmedvydav] URSR, 1959. 83 p.
(DNLM)

KHROMOV, B. M. [Sudden surgical diseases of the abdominal organs] Vnezapnye khirurgicheskie zabolevaniia organov briushnoi polosti. Leningrad [LDNTP] 1959. 46 p.
(DNLM)

KIEV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORTOPEDII I TRAVMATOLOGII. [Collection of abstracts of scientific works] Sbornik referatov nauchnykh rabot. Kiev, 1957. 222 p.
(DNLM)

KIRICHENKO, N. IA. [Psychological preparation for childbirth; recommended lesson text for the instructing midwife] Psikhoprofilakticheskaia podgotovka beremennykh k rodam; primernyi tekst zaniatii instruktora-akusherki. Kiev [Gosmedizdat] USSR, 1957. 25 p.
(DNLM)

KOROLEV, B. A., ed. [Surgery in mitral stenosis] Khirurgiia mitral'nogo stenoza. Gor'kii, Gor'kovskii gos. med. in-t im. S. M. Kirova, 1959. 146 p.
(DNLM)

KOVANOV, V. V. [Outline history of the I. M. Sechenov First Medical Institute in Moscow] Ocherki po istorii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I. M. Sechenova. [Moskva] Medgiz, 1959. 747 p.
(MH)

KRUPKO, I. L. [Humeroscapular periarthritis] Plechelopatochnyi periartrit. [Leningrad] Medgiz, 1959. 83 p. (Biblioteka prakticheskogo vracha)
(DNLM)

KUYBYSHEV. KUIBYSHEVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Collection of research works on the 25th anniversary of the Skin and Venereal Disease Clinic] Sbornik nauchnykh rabot k 25-letiiu kliniki kozhnykh i venericheskikh boleznei. Kuibyshev, 1959. 162 p.
(DNLM)

LATMANIZOVA, L. V. [Method for the study of the accommodation of irritable tissues] Metodika issledovaniia akkomodatsii vozbudimykh tkanei. [Leningrad] Medgiz, 1959. 81 p.
(DNLM)

LAUER, N. V. [Problems in the pathophysiology of hypoxic states in newborns] Pytannia patofiziologii hipoksychnykh staniv novonarodzhenykh. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 197 p.
(DNLM)

LENINGRAD. GOSUDARSTVENNYI INSTITUT USOVERSHENSTVOVANIIA VRACHEI. [Radiation sickness and combined injuries to the body; collected papers] Luchevaia bolezn' i kombinirovannye porazheniia organizma; sbornik nauchnykh trudov. Leningrad, 1958. 335 p.
(DNLM)

LISTOV, A. F. [Hygiene of school-age children and the prevention of infections and helminthiasis; manual for teachers and school physicians] Gigiena detei shkol'nogo vozrasta i profilaktika infektsii i gel'mintozov, posobie dlia uchitelei i shkol'nykh vrachei. Izd. 3., dop. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 335 p.

LUSHNIKOV, A. G. [Clinical treatment of internal diseases in Russia during the first half of the 19th century] Klinika vnutrennikh boleznei v Rossii pervoi poloviny XIX veka. Moskva, Medgiz, 1959. 292 p.
(DNLM)

MAKAROV, P. O., ed. [Adequatometry] Adekvatometriia. [Leningrad] Medgiz 1958. 265 p.
(DNLM)

MANDEL'SHTAM, A. E. [Symptomatology and diagnosis of women's diseases; manual for physicians] Semiotika i diagnostika zhenskikh boleznei; rukovodstvo dlia vrachei. [Leningrad] Medgiz, 1959. 600 p.
(DNLM)

MARKIN, A. I. [Dental handpiece and flexible cables] Rukav bormashiny i zubovrachebnye nakonechniki. Moskva, Medgiz, 1959. 32 p.
(DNLM)

MAZURENKO, G. I. [Diseases of the liver and the biliary tracts and their treatment at the Truskavets Health Resort] Zabolevaniia pecheni i zhelchnykh putei i ikh lechenie na kurorte Truskavets. [L'vov] Izd-vo L'vovskogo univ., 1960. 92 p.
(DNLM)

MESHALKIN, E. N., and V. P. SMOL'NIKOV. [Modern inhalation anesthesia] Sovremennyi ingaliatsionnyi narkoz. Moskva, Medgiz, 1959. 354 p.
(DNLM)

MEZHEBOVSKII, R. G. [Treatment and prevention of cardiac insufficiency] Lechenie i profilaktika serdechnoi nedostatochnosti. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 359 p.
(DNLM)

MEZHINSTITUTSKAIA NAUCHNAIA KONFERENTSIIA PO PRIRODNOI OCHAGOVOSTI I EPIDEMIOLOGII OSOBO OPASNYKH INFEKTSIONNYKH ZABOLEVANII. Saratov, 1957. [Natural focus and epidemiology of especially dangerous infectious diseases] Prirodnaia ochagovost' i epidemiologiia osobo opasnykh infektsionnykh zabolevanii; sbornik rabot mezhinstitutskoi nauchnoi konferentsii. Red. kollegiia: D. G. Savostin, B. K. FenIuk, V. N. Fedorov. Saratov, Gos. nauchno-issledovatel'skii in-t mikrobiologii i epidemiologii IUgo-Vostoka SSSR M-va zdravookhraneniia SSSR, 1959. 595 p.

MIKHAILOVSKII, S.V. [Scleroma of the respiratory tract] Skleroma dykhatel'nykh putei. Moskva, Medgiz, 1959. 150 p.
(DNLM)

MIRZOIAN, E.Z. [Tuberculous ileotyphlitis; pathogenesis, clinical aspects, and therapy] Tuberkuleznyi ileotiflit; patogenez, klinika i lechenie. Moskva, Medgiz, 1959. 117 p.
(DNLM)

MESIUK, N.S. [First aid in acute diseases of the nervous system] Neotlozhnaia pomoshch' pri ostrykh zabolevaniiakh nervnoi sistemy. [Leningrad] Medgiz, 1959. 127 p. (Biblioteka prakticheskogo vracha)
(DNLM)

MOISEENKO, M.D. [Gastric and intestinal phlegmon] Flegmona zheludka i kishechnika. [Leningrad] Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

MOLOKHOV, A.N., and IU.E. RAKHAL'SKII. [Chronic alcoholism] Khronicheskii alkogolizm. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 148 p. (Biblioteka prakticheskogo vracha)

MOREINIS, I.IA. [Hygiene of nutrition] Gigiena pitaniia. Izd.5., ispr. Moskva, Gos. izd-vo med. lit-ry, 1960 434 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT RENTGENOLOGII I RADIOLOGII. [Theory and practice of fluoroscopy; a manual for physicians] Teoriia i praktika fliuorografii, rukovodstvo dlia vrachei. Moskva, Medgiz, 1953. 366 p.
(DNLM)

NESTEROV, A.I. [Study of rheumatic fever and diseases of the joints] Ocherk izucheniia revmatizma i boleznei sustavov. Moskva, 1951. 98 p. (Akademiia meditsinskikh nauk SSSR, Moscow. Istoriia otechestvennoi meditsiny)
(MoU)

NIKITIN, B.A., L.S. SHVARTS, and I.G. LOIKO, eds. [Concise medical reference book] Kratkii terapevticheskii spravochnik. Izd. 3., ispr. i dop. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 919 p.
(DNLM)

PERVOV, L.G. [Characteristics of the basic nerve processes and signal systems in hysteria] Osobennosti osnovnykh nervnykh protsessov i signal'nykh sistem pri isterii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 103 p.
(DNLM)

PETRENKO, M.I., and R.IA. PIS'MENNYI. [Electrocardiogram for children in normal and certain pathological states] Elektrokardiogramma u detei v norme i pri nekotorykh patologicheskikh sostoianiiakh. Moskva, Medgiz, 1959. 168 p.
(DNLM)

PETROV, V.I. [Clinical and radiological diagnosis of intestinal obstruction; method of investigation and symptomatology as an aid to the practicing radiologist] Kliniko-rentgenologicheskaia diagnostika kishechnoi neprokhodimosti; metodika issledovaniia i simptomatika; v pomoshch' prakticheskomu vrachu-rentgenologu. Moskva, [TSentr.tip. MO SSSR im.K.E.Voroshilova] 1957. 135 p.
(DNLM)

PIL'MAN, N.I. [Functional therapy for concomitant strabismus in children] Funktsional'noe lechenie sodruzhestvennogo kosoglaziia u detei. Izd.2., dop. Kiev, Gosmedizdat USSR, 1959. 165 p.
(DNLM)

POKROVSKAIA, T.I. [Tuberculous meningitis in children] Tuberkuleznyi meningit u detei. Frunze [Kirgizgosizdat] 1959. 22 p.
(DNLM)

PRESSMAN, L.P. [Treatment of cardiac insufficiency] Lechenie serdechnoi nedostatochnosti. Moskva, Medgiz, 1959. 166 p. (Biblioteka prakticheskogo vracha)
(DNLM)

[PROCEEDINGS OF THE NORTHWEST CONFERENCE OF THERAPEUTISTS] Severo-Zapadnaia nauchnaia konferentsiia terapevtov. Trudy. [Smolensk]
Vol.1. 1958.
(DNLM)

PROKOF'EV, V.P. [Labor hygiene in the fishing industry] Gigiena truda na rybnykh promyslakh. Moskva, Gos.izd-vo med.lit-ry, 1960. 22 p. (Nauchno-populiarnaia meditsinskaia literatura)

PYTEL', A.IA. [Pyelic refluxes and their clinical significance] Lokhanochno-pochechnye refliuksy i ikh klinicheskoe znachenie. Moskva, Medgiz, 1959. 273 p.
(DNLM)

RATNER, N.A. [Hypertension] Gipertonicheskaia bolezn'. Moskva, Gos.izd-vo med.lit-ry, 1959. 27 p. (Biblioteka srednego medrabotnika)
(DNLM)

RATNER, V.A. [Acute faucitis] Ostrye vospaleniia zeva. Moskva, Medgiz, 1959. 219 p.
(DNLM)

RAZUMOVSKII, V.I. [Selected works] Izbrannye trudy. Moskva, Medgiz, 1959. 381 p.
(DNLM)

ROKHLIN, L.L. [Soviet medicine in the control of mental diseases] Sovetskaia meditsina v bor'be s psikhicheskimi bolezniami. Izd.3., ispr. i dop. Moskva, Gos.izd-vo med.lit-ry, 1960. 129 p. (Nauchno-populiarnaia meditsinskaia literatura)

RUSIN, IA.I. [Contrast radiography in gynecology] Kontrastnaia rentgenografiia v ginekologii. Moskva, Medgiz, 1960. 156 p.
(DNLM)

RUSSIA (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. [Forty years of the Smolensk State Medical Institute, 1920-1960] 40 let Smolenskomu gosudarstvennomu meditsinskomu institutu, 1920-1960 gg. Red.kollegiia G.M.Starikov i dr. Smolensk, Izd-vo Smolenskogo gos.med.in-ta, 1960. 189 p.

RYZHOV, P.V. [Organization of surgical work in the rural medical center and in the district hospital] Organizatsiia khirurgicheskoi raboty na sel'skom vrachebnom uchastke i v raionnoi bol'nitse. Kishinev, Gos.izd-vo "Kartia Moldoveniaske," 1959. 107 p.
(DNLM)

SAMSONOV, V.A. [Complications of gastric and duodenal peptic ulcer, clinical and anatomical characteristics] Oslozhneniia iazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki; kliniko-anatomicheskaia kharakteristika. Petrozavodsk [Gosizdat] Karel'skoi ASSR, 1959. 279 p.
(DNLM)

SARATOV. MEDITSINSKII INSTITUT. [Pathology of the cardiovascular system] Patologiia serdechno-sosudistoi sistemy. [Saratov] Saratovskoe knizhnoe izd-vo 1959. 270 p.
(DNLM)

S"EZD KHIRURGOV ROSSIISKOI FEDERATSII. 1st. 1958. [Proceedings of the Congress of Surgeons of the Russian Federation] Trudy. Leningrad. 1959. 1 v.
(DNLM)

S"EZD ONKOLOGOV, 2nd. Kiev, 1956. [Transactions of the Second Oncological Congress and the Third Congress of Radiologists of the Ukrainian S.S.R., Kiev, June 18-24, 1956] Trudy II s"ezda onkologov i III s"ezda rentgenologov i radiologov USSR, 18-24 iiunia 1956 g.g. Kiev. Kiev, Gos.med.izd-vo USSR, 1959. 678 p.

SHARGORODSKII, L.IA. [Clinical aspects of acute diseases of the central nervous system] Klinika ostrykh zabolevanii tsentral'noi nervnoi sistemy. Tashkent, [Gosizdat UzSSR] 1957. 514 p.
(DNLM)

SHERSHEVSKAIA, O.I. [Eye injuries in industry and their prevention] Proizvodstvennyi travmatizm glaz i ego profilaktika. [Leningrad] Medgiz, 1959. 222 p. (Biblioteka prakticheskogo vracha)
(DNLM)

SHUSTIN, N.A. [Physiology of the frontal lobes of the brain; experimental research] Fiziologiia lobnykh dolei golovnogo mozga; eksperimental'noe issledovanie. [Leningrad] Medgiz, 1959. 222 p.
(DNLM)

SIVKOV, I.I. [Importance of gastroscopy in the diagnosis of stomach cancer] Znachenie gastroskopii v diagnostike raka zheludka. Moskva, Gos.izd-vo med.lit-ry, 1959. 105 p.
(DNLM)

SMIRNOV, E.V. [Surgical treatment of obstructive jaundice of calculary and traumatic origin] Khirurgicheskoe lechenie obturatsionnoi zheltukhi zhelchnokamennogo i travmaticheskogo proiskhozhdeniia. [Leningrad] Medgiz, 1959. 141 p.
(DNLM)

[SOCHI, on the 50th anniversary of the Sochi-Matsesta Resort] Sochi, k 50-letiiu Sochi-Matsestinskogo kurorta. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1959. 62 p.

SORKIN, A.Z. [Yevpatoriya Health Resort] Kurort Evpatoriia. Moskva, Gos.izd-vo med. lit-ry, 1960. 56 p. (Nauchno-populiarnaia meditsinskaia literatura)

STRUCHKOV, V.I. [Studies in general and emergency surgery] Ocherki po obshchei i neotlozhnoi khirurgii. Izd.2., dop. i perer. Moskva, Medgiz, 1959. 344 p.
(DNLM)

STRUKOV, A.I., ed. [Pathological anatomy of diseases of the bones] Patologicheskaia anatomiia boleznei kostnoi sistemy. Moskva, Medgiz, 1959. 1 v.
(DNLM)

SVIADOSHCH, A.M. [Neuroses and their treatment] Nevrozy i ikh lechenie. Moskva, Medgiz, 1959. 366 p.
(DNLM)

TAGER, I.L. [Mistakes and difficulties in the radioscopic diagnosis of stomach cancer] Oshibki i trudnosti v rentgenodiagnostike raka zheludka. Moskva, Medgiz, 1959. 168 p.
(DNLM)

TASHKENT. MEDITSINSKII INSTITUT. [Review of the Tashkent Medical Institute] Obzor. Tashkent, Gosizdat UzSSR, 1958] 17 p.
(DNLM)

TETS, V.I. [Sanitary microbiology] Sanitarnaia mikrobiologiia. Izd.2., ispr. i dop. [Leningrad] Medgiz, 1958. 433 p.
(DNLM)

TSULUKIDZE, A.P. [Anuria] Anuriia. Tbilisi, Sabchota Sakartvelo, 1959. 17 p.
(DNLM)

UGRIUMOV, V.M., I.S.VASKIN, and L.V. ABRAKOV. [Operative neurosurgery; manual for physicians] Operativnaia neirokhirurgiia; posobie dlia vrachei. [Leningrad] Medgiz, 1959. 314 p.
(DNLM)

USPENSKII, A.E. [Lymphogranulomatosis] Limfogranulematoz. Moskva, Medgiz, 1959. 149 p. (Biblioteka prakticheskogo vracha)
(DNLM)

USPENSKII, V.I. [Therapeutic use of oxygen] Lechebnoe primenenie kisloroda. Moskva, Medgiz, 1959. 310 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VAINSHTEIN, V.G., ed. [Intra-articular fractures] Vnutrisustavnye perelomy. [Leningrad] Medgiz, 1959. 204 p.
(DNLM)

VAL'KER, F.I. [Morphological peculiarities of the growing organism] Morfologicheskie osobennosti razvivaiushchegosia organizma. [Leningrad] Medgiz, 1959. 205 p.
(DNLM)

VASIL'KOVA, Z.G. [Helminthic diseases in man and their control] Glistnye zabolevaniia cheloveka i bor'ba s nimi. Izd.5., ispr. i dop. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1957. 29 p. (V pomoshch lektoru)
(DNLM)

VILENSKII, B.S. [Radiculitis, treatment and prevention] Radikulit. Lechenie i preduprezhdenie; populiarnyi ocherk. [Leningrad] Gos.izd-vo med.lit-ry, Leningr. otd-nie, 1958. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

VINOGRADOV, N.A. [Development of medical science in the R.S.F.S.R., 1959-1965] Razvitie meditsinskoi nauk v RSFSR, 1959-1965 gg. Moskva, Gos.izd-vo med.lit-ry, 1960. 45 p.

VOGRALIK, V.G. [Clinical lectures on internal diseases] Klinicheskie lektsii po vnutrennim bolezniam. [Gor'kii] 1958. 1 v.
(DNLM)

VOZNESENSKII, V.P., and V.A.IVANOV. [Operative surgery and topographic anatomy] Operativnaia khirurgiia i topograficheskaia anatomiia. Moskva, Medgiz, 1959. 470 p.
(DNLM)

ZAKUTINSKII, D.I., ed. [Late sequelae of damage caused by ionizing radiation; experimental research] Otdalennye posledstviia porazhenii, vyzvannykh vozdeistviem ioniziruiushchei radiatsii; eksperimental'nye issledovaniia. Moskva, Medgiz, 1959. 247 p.
(DNLM)

ZAKUTINSKII, D.I., and L.N.SELIVANOVA. [Biological evaluation of preparations for use in prophylaxis and treatment of radiation sickness] Biologicheskaia otsenka preparatov dlia profilaktiki i lecheniia luchevoi bolezni. Moskva, Gos.izd-vo med.lit-ry, 1960. 160 p. (Sovremennye problemy fiziki)
(DNLM)

ZHDANOV, V.M. [Influenza] Gripp. Moskva, Medgiz, 1958. 32 p. (Biblioteka prakticheskogo vracha)
(DNLM)

ZHORDANIA, I.F. [Textbook on obstetrics] Uchebnik akusherstva. Izd.3, ispr. Moskva, Medgiz, 1959. 642 p.
(DNLM)

ZHOROV, I.S. [General anesthesia in surgery; manual for anesthesiologists and surgeons] Obshchee obezbolivanie v khirurgii; rukovodstvo dlia anesteziologov i khirurgov. Moskva, Medgiz, 1959. 405 p.
(DNLM)

ZIL'BERGOL'TS, M.L. [X-ray therapy in dermatology, for radiotherapeutic physicians and dermatologists] Rentgenoterapiia v dermatologii; dlia vrachei rentgenoterapevtov i dermatologov. Moskva, Medgiz, 1959. 163 p.
(DNLM)

ZLYDNIKOV, D.M. [Bronchography] Bronkhografiia. [Leningrad] Medgiz, 1959. 147 p.
(DNLM)

15. AGRICULTURE

ABRAMISHVILI, M.P. [Medlar. [illegible] Mushmala. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo"] 1960. 70 p. [In Georgian]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut pochvovedeniia. [Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata.
Vol.1. Fedorin, Iu.V. [Soils of North Kazakhstan Province] Pochvy Severo-Kazakhstanskoi oblasti. 1960. 173 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Development of collective farm economy] Razvitie obshchestvennogo khoziaistva kolkhozov. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 294 p.

AKADEMIIA NAUK SSSR. Laboratoriia lesovedeniia. [Recent forestry research] Novye lesovedcheskie issledovaniia. Moskva, Izd-vo Akad.nauk SSSR, 1960. 129 p.

AKADEMIIA NAUK SSSR. Pochvennyi institut imeni V.V.Dokuchaeva. [Steppe and wooded steppe soils of the Buryat A.S.S.R. and their agricultural characteristics] Stepnye i lesostepnye pochvy Buriatskoi ASSR i ikh agroproizvodstvennaia kharakteristika. Moskva, 1960. 149 p.

ALISOV, M.S. [Vegetables and potatoes on flood lands] Ovoshchi i kartofel' na poimennykh zemliakh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 237 p.
(DA)

[THE ANGLER] Rybolov-sportsmen, al'manakh. Moskva, Gos.izd-vo "Fizkul'tura i sport."
Vol.14. 1960. 293 p.

ANTIPIN, D.N. [Parasitology and invasive diseases of farm animals] Parazitologiia i invazionnye bolezni sel'skokhoziaistvennykh zhivotnykh. Izd.2., ispr. i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959 491 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DA)

ARKHANGEL'SKII, I.I., and N.V.BADANIN. [Tables for the differential diagnosis of the most important infectious diseases of farm animals] Tablitsy differentsial'noi diagnostiki vazhneishikh zaraznykh zabolevanii sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 311 p.
(DA)

BOEV, V.R. [Organizing the harvesting and hauling of sugar beets] Organizatsiia uborki i vyvozki sakharnoi svekly. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 80 p.
(DA)

[CALENDAR FOR THE YOUNG NATURALIST] Kalendar' iunogo naturalista. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 350 p.

[CERTIFIED SEEDS FOR EVERY FARM] Kazhdomu khoziaistvu - sortovye semena. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 25 p.
(DA)

CHERNAVIN, A.S. [Fertilizers and crops; manual for students] Udobreniia i urozhai, posobie dlia uchashchikhsia. Moskva, M-vo prosv. RSFSR, 1959. 117 p.
(DA)

CHERVINSKII, V.F. [Ways of bringing semi-desert and desert areas of the U.S.S.R. under cultivation] Puti sel'skokhoziaistvennogo osvoeniia zemel' v polupustynnoi i pustynnoi zonakh SSSR. Moskva, Izd-vo Akad.nauk SSSR, 1960. 239 p.

CHINCHALADZE, I.M. [How to attract and protect useful birds. [illegible] Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR] 1960. 17 p. [In Georgian]

CHIZHEVSKII, M.G., and others. [Agriculture with principles of soil science] Zemledelie s osnovami pochvovedeniia. Pod red. M.G.Chizhevskogo. Izd.2., perer. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 431 p.
(DA)

CHKHIKVISHVILI, V.I. [Saline soils of Georgia and their reclamation for agricultural use. Zasolennye pochvy Gruzii i ikh osvoenie. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo"] 1960. 115 p. [In Georgian]

CHUGUNOVA, Z.F. [Landscaping settlements in permafrost districts, practices in central and southern Yakutia] Ozelenenie naselennykh mest v raionakh vechnoi merzloty; iz opyta raboty v Tsentral'noi i IUzhnoi IAkutii. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 73 p.

DAVYDOV, A.P. [Inventors and efficiency promoters are fighters for technological progress] Izobretateli i ratsionalizatory - bortsy za tekhnicheskii progress. Moskva, Izd-vo "Znanie," 1960 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.14)

DERZHIMAN, I.L. [Wool from new breeds of sheep, and its classification by quality] Sherst' ovets novykh porod i opredelenie ee kachestva. Moskva, Tsentrosoiuz, 1958. 108 p.
(DA)

DEM'IANENKO, V.N. [Forms and methods of collective farm supervision by the district executive committee] Formy i metody rukovodstva kolkhozami so storony raiispolkoma. Otv. red. I.I.Evtikhiev. Moskva, Gos. izd-vo iurid.lit-ry, 1960. 91 p.

DOLININ, E.A. [Corn is a high yield crop; practices of a field team on the Ilich Collective Farm in the Mel'nitsa-Podol'skaya District, Ternopol Province] Kukuruza - vysokourozhainaia kul'tura; opyt zvena kolkhoza imeni Il'icha Mel'nitse-Podol'skogo raiona Ternopol'skoi oblasti. Pod obshchei red. V.G.Vol'skogo. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.13)
(DA)

DRUZHININ, I.G., and A.E.SHARAKOZ. [Physicochemical characteristics of the peat of Kirghizistan] Fiziko-khimicheskaia kharakteristika torfa Kirgizii. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, In-t khimii, 1959. 95 p.

ELSUKOV, M.P., and A.I.TIUTIUNNIKOV. [Annual forage plants in seed mixtures] Odnoletnie kormovye kul'tury v smeshannykh posevakh. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1959. 307 p.
(DA)

EROPKIN, V.G. [Mechanization and electrification of collective farm in Kirghizistan] Mekhanizatsiia i elektrifikatsiia kolkhoznogo proizvodstva Kirgizii. Frunze, Akad.nauk Kirgizskoi SSR, Institut ekonomiki, 1959. 128 p.

[FORAGE CROP ROTATION] Zelenyi konveier. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 139 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

GEORGIEVSKII, N.P. [Increasing the productivity of forests] Povyshenie produktivnosti lesov. Moskva, Goslesbumizdat, 1960. 75 p.

GERASIMOV, I.P. [Soils of Central Europe and related physico-geographical problems] Pochvy Tsentral'noi Evropy i sviazannye s nimi voprosy fizicheskoi geografii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 141 p.

GOLOVIN, A.G. [San Jose scale and ways of controlling it] [illegible]. Kishinev, Editura de stat "Kartia Moldoveniaske," 1959. 58 p. [In Moldavian.]

[GROW MUSHROOMS!] Vyrashchivaite shampin'ony. [Moskva] Moskovskii rabochii, 1958. 93 p.
(DA)

GUDZINSKAIA, I.A., and L.A.KHRUSHCHOVA. [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible] p.

GVALADZE, E.P. [illegible] Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR] 1959. 59 p. [illegible]
(DA)

IL'IN, S.A. [illegible] [Leningrad] Lenizdat, 1960. 118 p.

[illegible] [illegible] 1960. 76 p. [In Georgian.]

[illegible] [illegible] Moskva, [illegible] 1960. 288 p.

[illegible] [illegible] Alma-Ata, 1959. [illegible]
(DA)

[illegible] [illegible] [Leningrad] Lenizdat, 1959. 92 p.

KNIAZHEVSKII, V.S. [Statistics of the use of labor resources and labor productivity in agriculture] [illegible] Moskva, Gosstatizdat, 1960. 93 p.

[illegible] [illegible] Moskva, [illegible] 1959. [illegible] p.
(DA)

[illegible] [illegible] Moskva, [illegible] 1960. 167 p. [illegible]

[illegible] [Fertilizing vineyards [illegible] [illegible] 1959. 99 p.
(DA)

[illegible] [illegible] Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 41 p.

[illegible] [illegible] Moskva, [illegible] 1960. 406 p.

KOZLOVA, L. A. [Moscow communists in the struggle for the victory of the collective farm system, 1927-1933] Moskovskie kommunisty v bor'be za pobedu kolkhoznogo stroia, 1927-1933 gg. [Moskva] Mosk. rabochii, 1960. 104 p.

KUZNETSOV, A. V. [Vegetable gardening in China] Ovoshchevodstvo v Kitae. Moskva, Gos. izd-vo sel'khoz. lit-ry 1959. 359 p.
(DA)

KVASNIKOV, B. V., ed. [Vegetable growing] Vyrashchivanie ovoshchei; sbornik statei. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 610 p.
(DA)

LEVENSHTEIN, L., and I. BORDAN. [Compact planting of corn with Sudan grass and sorghum] Kultura popu [illegible] ku iarba de sudan shi sorg. Kishineu, Editura de stat "Kartia Moldoveniaske," 1959. 43 p. [In Moldavian.]
(DA)

LITVINOVICH, I. N., S. G. SKOROPANOV, and Z. N. [illegible] [The formation of soils in the Polesye lowlands] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1959. 77 p.

MASLOVSKII, N. F. [Over-all mechanization on collective farms] Kompleksnaia mekhanizatsiia v kolkhoze. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 70 p.

MATVEEV, P. N. [Sanitation in the collective farm [illegible]] Sanitariia [illegible] Moskva, [illegible] 1960. 87 p. (Biblioteka [illegible])
(DA)

[illegible], A. P. [Universal method of determining [illegible] comparative [illegible]] [illegible] Moskva, [illegible] 1960. [illegible] p.

[illegible], A. P. [Recording work in raising, working [illegible]] [illegible] Pod red. N. D. Polendina. Moskva, [illegible], 1960. [illegible] p.

[illegible] ORGANIZATSIIA [illegible] KHOZIAISTVA [illegible] [World fisheries, according to the data of Food and Agriculture Organization [illegible]] Mirovoe rybolovstvo, po dannym [illegible] FAO. Moskva, 1959. 255 p.

NESTEROV, V. A., and I. D. LAVROV. [Aeronautics in agriculture] Aviatsiia v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 94 p.

[illegible], V. I. [Progressive cultivation of [illegible]] [illegible] Moskva, Izd-vo Akad. nauk SSSR, [illegible] p.

[illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, [illegible]
(DA)

[illegible] [A lesson in [illegible]] [illegible] 1957. 208 p.
(DA)

[illegible] Moskva, [illegible] 253 p.
(DA)

[illegible] Moskva, [illegible] 1959. 47 p.
(DA)

[illegible], ed. [Ways and methods of [illegible]] [illegible] December 22-24, 1958 [illegible] Moskva, [illegible] 1958. 171 p.
(DA)

[PLANTING GARDENS, PLOTS AND ORCHARDS] [illegible] Moskva, [illegible] 1959. [illegible] p.
(DA)

PYL'NEV, V. M. [Astonishing halves; 75 experiments with potatoes] Udivitel'nye polovinki, 75 opytov s kartofelem. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1960. 93 p. (Biblioteka pionera "Znai i umei")
(DA)

[RAISING AND FATTENING SWINE] Vyrashchivanie i otkorm svinei. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 123 p.
(DA)

RUBINOV, E. B., and S. A. LUMAIAN. [Preparation and primary treatment of silk cocoons] Zagotovka i pervichnaia obrabotka shelkovichnykh kokonov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 367 p.

RUBASHVILI, I. I. [Pests of grape vine foliage and their control] Vrediteli zelenykh chastei vinogradnoi lozy i vinogradnika i bor'ba s nimi. Tbilisi, Akad. nauk Gruzinskoi SSR, 1958. 92 p. [In Georgian.]
(DA)

RUSSIA (1917- R.S.F.S.R.) Glavnoe upravlenie po delam okhotnich'ego khoziaistva i zapovednikov. [A hunter's manual] Spravochnik okhotnika. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 217 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Soils, methods of laboratory analysis] Grunty; metody laboratornykh opredelenii. Ofits. izd. Moskva, 1959. 48 p. (Gosudarstvennye standarty SSSR)

RYAZANSKAYA OBLAST'. Upravlenie sel'skogo khoziaistva. [Model norms for working out scientifically tested methods for making long range and annual plans for the development of agriculture and collective and state farms of Ryazan Province] Primernye normativy dlia razrabotki nauchno obosnovannykh planov [illegible] perspektivnykh i godovykh planov razvitiia sel'skogo khoziaistva kolkhozov i sovkhozov Riazanskoi oblasti. Moskva, 1960. 233 p.

SABUROVA, P. V., and A. A. PETROVA. [Use of herbicides in agriculture] Primenenie gerbitsidov v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 7 p.

SADOVSKII, A. A. [Tea culture in [illegible] of collective farms] [illegible] Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 54 p. [In Georgian.]

SARATOV. UNIVERSITET. Nauchnaia biblioteka. [Fauna of the south-eastern part of the European U.S.S.R., a bibliography] Fauna iugo-vostochnoi Evropeiskoi chasti SSSR, bibliograficheskii ukazatel'. [Saratov] 1959. 250 p. (Bibliografiia Saratovskoi oblasti, no. 3)
(DA)

SAVEL'EV, N. M. [Selected principles [illegible] cultivation of alfalfa [illegible]] [illegible] Moskva, Izd-vo Akad. nauk SSSR, 1960. 14 p.

SEKHNIASHVILI, G. S. [Kolkhoz Collective Farm in the seven year plan] Kolkhoz [illegible] Tbilisi, [illegible] 1960. 30 p. [In Georgian.]

SHCHEGOLEV, V. N. [Agricultural entomology] Sel'skokhoziaistvennaia entomologiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 448 p. (Uchebniki i uchebnye posobiia dlia [illegible])

SHEVYAKOV, A. A., and L. N. ZASPIN. [Hydraulics and [illegible] water [illegible]] [illegible] A. M. [illegible] 1960. 441 p.
(DA)

SHULTS, N. S. [Helminthiasis in [illegible] cattle [illegible]] [illegible] Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 439 p.
(DA)

SHURAKOV, S. [The collective [illegible]] [illegible] Moskva, Moskovskii rabochii, 1959. 78 p.
(DA)

SMIRNOV, N. D. [Mineral fertilizers and their application] Mineral'nye udobreniia i ikh primenenie. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 142 p.

S'OMYK, P. N. [With American farmers, an agronomist's notebook] U amerykans'kykh fermeriv, notatky agronoma. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 63 p.

TIZMAN, IA. [Over-all mechanization of corn cultivation in Moldavia] Mekanizarea kompleksa a kultivarii popushoiului. Kishineu, Editura de stat "Kartia Moldoveniaske," 1960. 52 p. (Biblioteka kolkhoznikului) [In Moldavian.]

TKACHENKO, O. M. [Mechanization and electrification of agriculture in the Ukraine during the seven year plan] Mekhanizatsiia i elektryfikatsiia sil's'koho hospodarstva Ukrainy v semyrichtsi. Kyiv, 1960. 49 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 6, no. 8)

TOLPEKIN, S. Z. [Principal methods for the over-all mechanization of agriculture] Osnovnye puti kompleksnoi mekhanizatsii sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 20)

TOLSTOPIAT, A. I. [Loading cartridges with buckshot] Snariazhenie patronov krupnoi drob'iu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1959. 130 p.

TRUDNIKOV, G. I. [Efficient use of tractors] O pravil'nom ispol'zovanii traktorov. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 101 p. (Biblioteka molodogo rabochego)

UMETOV, D. [Consolidation of the organization and economy of collective farms in Kirghizistan during the third five year plan, 1938-June 1941] Organizatsionno-khoziaistvennoe ukreplenie kolkhozov Kirgizii v gody tret'ei piatiletki, 1938-iiun' 1941 g. Frunze, Akad. nauk Kirgizskoi SSR, In-t istorii, 1959. 76 p. [With summary in Kirghiz.]

VALIUZHENICH, I. N., and K. I. [illegible] [Ways of reducing expenses in the production of meat and milk] Puti snizheniia zatrat na proizvodstvo miasa i moloka. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 103 p.
(DA)

VLASOVA, N. V. [Peat bogs of Sakhalin] Torfianye bolota Sakhalina. Moskva, Izd-vo Akad. nauk SSSR, 1960. 165 p.

VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Apparatus for determining the [illegible]] Apparat OPR. Moskva [Izd-vo M-va sel'. khoz. SSSR], 1959. 7 fold. p.

[WAYS OF INCREASING THE OUTPUT OF MEAT, MILK, AND BUTTER PER PERSON; a collection of lectures] Puti uvelicheniia proizvodstva miasa, moloka i masla na dushu naseleniia; sbornik lektsii. Leningrad, 1959. 170 p.
(DA)

WHEELER, GEORGE SHAW. [Development and problems of agriculture in the U.S.A. Translated from the English. Preface by F. Zhdanov.] Razvitie sel'skogo khoziaistva SShA i ego problemy. Moskva, Izd-vo inostr. lit-ry, 1959. 413 p.

ZHAMIN, V. A., and others. [Problems in the development of agricultural science in the Chinese People's Republic] Nekotorye voprosy razvitiia sel'skokhoziaistvennoi nauki v KNR. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 293 p.

ZHELOBAEVA, A. P. [Practical laboratory experiments in fruit culture] Laboratorno-prakticheskie zaniatiia po plodovodstvu. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 149 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DA)

ZHEREBTSOV, P. I., and others. [Practical work in the physiology of farm animals] Praktikum po fiziologii sel'skokhoziaistvennykh zhivotnykh. Pod red. P. I. Zherebtsova. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 417 p.

16. TECHNOLOGY

ABAKUMOV, M. M. [Recent machine tool attachments] Novye stanochnye prisposobleniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 126 p.

ABRAMOV, S.K., and others. [Reservoir influence on hydrogeological conditions of adjacent areas] Vliianie vodokhranilishch na gidrogeologicheskie usloviia prilegaiushchikh territorii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 316 p. (Inzhenernaia gidrogeologiia)

ADRIANOVA, V.P., ed. [Brief handbook on metallurgy, 1960] Kratkii spravochnik metallurga, 1960. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 389 p.

AFANAS'EV, A.M., and V.A. MAR'IN. [Laboratory work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 262 p.

AIZENBERG, B.I., ed. [Design of machinery plants; manual on the organization and methods of designing] Proektirovanie mashinostroitel'nykh zavodov; spravochnoe posobie po organizatsii i metodike proektirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 379 p.

AKADEMIIA NAUK SSSR. Institut avtomatiki i telemekhaniki. [Automatic control] Avtomaticheskoe upravlenie. [Moskva, 1960] 131 p.

AKADEMIIA NAUK SSSR. Institut avtomatiki i telemekhaniki. [Handbook on automatic and remote control elements, time relays, programming devices, counting relays, and searchers] Spravochnik po elementam avtomatiki i telemekhaniki, rele vremeni, programmnye ustroistva, rele schetchiki, iskateli. Sost. I.P. Dekabrun i N.N. Teder. Pod red. B.S. Sotskova. Moskva, Gos. energ. izd-vo, 1960. 130 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Studies of the geological station of the Kursk Magnetic Anomaly] Raboty gorno-geologicheskoi stantsii na Kurskoi magnitnoi anomalii. Moskva, 1960. 203 p.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. [Metalworking lubricants for press forging] Tekhnologicheskie smazki dlia obrabotki metallov davleniem. Pod red. A.V. [illegible]. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 98 p.

AKADEMIIA NAUK SSSR. Institut metallurgii. [Use of vacuum in metallurgy] Primenenie vakuuma v metallurgii. Moskva, Izd-vo Akad. nauk SSSR, 1960. [illegible] p.

AKADEMIIA NAUK SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Khimicheskoe otdelenie. [Chemical industry] Khimicheskaia promyshlennost'. Moskva, 1960. [illegible] p. (Razvitie proizvoditel'nykh sil Vostochnoi Sibiri)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. [Temporary instructions for designing, calculating, making, and assembling houses made of vibrated brick panels] Vremennye ukazaniia po konstruirovaniiu, raschetu, izgotovleniiu i montazhu domov iz vibrokirpichnykh panelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 47 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Building residential microdistricts] Zastroika zhilykh mikroraionov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 104 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Masonry work and assembling of precast construction elements] Kamennye raboty i montazh sbornykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 253 p.

ALAEV, B.S., N.K. MAN'KOVSKAIA, and A.M. SHIMAN. [Manufacture of synthetic fatty acids] Proizvodstvo sinteticheskikh zhirnykh kislot. Moskva, Pishchepromizdat, 1960. [illegible] p.

ALEKSEENKO, G.V. [Parallel operation of transformers] Parallel'naia rabota transformatorov. Moskva, Gos. energ. izd-vo, 1960. 142 p. (Transformatory, no. 5)

ALIEV, M.A. [For high quality production] Za vysokuiu kul'turu proizvodstva. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 75 p.

AL'PEROVICH, S.Z. [Handbook for assemblers of precast reinforced concrete construction elements] Pamiatka montazhnika sbornykh zhelezobetonnykh konstruktsii. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 157 p.

AMIROV, A.D. [Petroleum production in Azerbaijan] Neftianaia promyshlennost' Azerbaidzhana. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 18)

ANOSHCHENKO, N.D. [Balloonists, reminiscences] Vozdukhoplavateli; vospominaniia. Moskva, Voen. izd-vo M-va oborony SSSR, 1960. 170 p.

ARTEM'EV, G.P., and P.I. POSHIN, comps. [Fourth International Week for the Study of Traffic Engineering and International Congress on Traffic Safety] IV Mezhdunarodnaia nedelia po izucheniiu tekhniki dorozhnogo dvizheniia i Mezhdunarodnyi kongress po dorozhnoi bezopasnosti. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 112 p.

ARTIUSHOV, V.P. [Experience in automatic gear cutting] Opyt avtomaticheskoi [illegible]. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. [illegible] p.

[ASSEMBLY OF EQUIPMENT AND PLANTS OF THE FOOD INDUSTRY, a reference manual] Montazh predpriiatii pishchevoi promyshlennosti; kratkoe spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 778 p.

ATAEV, S.S. [Mechanization of operations in modern housing construction; mechanization of conveying and assembling operations] Mekhanizatsiia rabot v sovremennom zhilishchnom stroitel'stve; mekhanizatsiia transportno-montazhnykh rabot. Pod red. I.P. Vinokurova. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 356 p.

ATSIUKOVSKII, V.A. [Capacitive differential displacement transmitters] Emkostnye differentsial'nye datchiki peremeshcheniia. Moskva, Gos. energ. izd-vo, 1960. 100 p. (Biblioteka po avtomatike, no. 12)

[AUTOMATIC COMMUTATION IN RURAL TELEGRAPH NETWORKS] Avtomaticheskaia kommutatsiia v telegrafnykh setiakh sel'skoi sviazi; informatsionnyi sbornik. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 110 p. (Tekhnika sviazi v [illegible])

[AUTOMATIC CONTROL AND COMPUTER ENGINEERING] Avtomaticheskoe upravlenie i vychislitel'naia tekhnika. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
 No. 3. 1960. 400 p.

AVDUSH, P.B., and I.N. DYLKIN. [Tables for converting readings of measuring devices of the VP-4, VP-2, and VI-2m moisture meters into the percentage of grain crops with corrections made for temperature] Tablitsy perevoda pokazanii izmeritelei vlagomerov VP-4, VP-2 i VI-2m v protsenty vlazhnosti zernovykh kul'tur s uchetom temperaturnykh popravok. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. [illegible] p.

BABKOV, V.F. [Highways, basic information on highways for automobile drivers] Avtomobil'nye dorogi; osnovnye svedeniia o dorogakh dlia avtomobilistov. Izd.2., perer. i dop. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 240 p.

BAGRAMOV, L.A. [What disturbs them, the U.S.A. has lost the competition in the training of specialists] Chto ikh trevozhit; SShA proigrali sorevnovanie v oblasti podgotovki spetsialistov. Moskva, Gos. izd-vo polit. lit-ry, 1960. 46 p.

BALABUEV, A.G., and S.S. MESKHI. [Wind power resources of the Georgian S.S.R.] Vetroenergeticheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. [illegible] p.

BALALAEV, G.A. [Protecting construction elements and apparatus from corrosion] Zashchita stroitel'nykh konstruktsii i apparatury ot korrozii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 351 p. (Seriia posobii po povysheniiu masterstva stroitelei)

BARKAN, V.F., and V.K. ZHDANOV. [Radio receiving devices] Radiopriemnye ustroistva. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 465 p.

BARTASHEV, L.V. [Continuous methods for production processes in the machinery industry] Potochnye metody organizatsii proizvodstva v mashinostroenii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 10)

BEDA, N.I. [Ways of reducing metal waste in rolling mills] [illegible] Khar'kov, [illegible] 1960. [illegible] p.

BEDUKADZE, S.IV. [Water mills of the Aragvi ravine] [illegible] Tbilisi, [illegible] 1960. [illegible] p. illus. [In Georgian]

[illegible]

[illegible]

BELOUSOV, [illegible] [illegible] of new lands [illegible] 1960. [illegible] p. ([illegible])

[illegible]

[illegible] Moskva, Gos. energ. izd-vo, 1960. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] 1960. [illegible] p.

BRAUN, G. A., and M. A. POKROVSKII. [Expansion of the U.S.S.R. iron mining and ore dressing industry in 1959-1965] Razvitie zhelezorudnoi promyshlennosti SSSR v 1959-1965 godakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 89 p.

BRONZOV, A. S., IU. S. VASIL'EV, and G. A. SHETLER. [Turbodrilling slant holes] Turbinnoe burenie naklonnykh skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 144 p.

BUDNIKOV, P. P. [Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR, 1960. 671 p.

CHERTOK, M. S. [Maintenance and repair of electric streetcar equipment] Remont oborudovaniia tramvainykh vagonov, uchebnoe posobie dlia slesarei. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 183 p.

CHISTIAKOV, S. F. [Concise handbook on heat engineering instruments and controllers] Kratkii spravochnik po teplotekhnicheskim priboram i reguliatoram. Moskva, Gos. energ. izd-vo, 1960. 111 p.

CHU[illegible]EV, IA. N. [Mine building under difficult geological conditions] Shakhtnoe stroitel'stvo v slozhnykh gorno-geologicheskikh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 113 p.

[CONSTRUCTING RURAL BUILDINGS SERVING CULTURAL NEEDS] Stroitel'stvo sel'skikh ochagov kul'tury. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 142 p.

[[illegible] PARTS] Detali upravleniia. Moskva, Gos. izd-vo standartov [illegible], 1959. 24 p. (Normali [illegible])

DANILIN, B. S. [Vacuum] Vakuum. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 10)

DANILOVICH, V. G. [[illegible] economic principles] [illegible] Moskva, Gos. izd-vo lit-ry po stroit., arkhitekture i stroit. materialam, 1960. 328 p.

DAVYDENKO, B. L., and N. T. NECHAEV. [Special features of [illegible] propagation] Osobennosti rasprostraneniia [illegible] radiovoln. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 120 p.

DEMIN, F. A., and L. A. CHERNYSHEV. [Shift registers with ferrite cores in radio engineering] Registry sdviga na ferritovykh serdechnikakh v radiotekhnike. Moskva, Gos. energ. izd-vo, 1960. 88 p.

DEMIN, V. [illegible] [illegible] Pod red. [illegible] [illegible] 1960. 111 p.

DE[illegible]KOV, S. F. [Shaping parts by [illegible] methods] [illegible] detalei [illegible]. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 155 p.

D[illegible], A. D., and I. A. SOLDATOV. [Radio transmitting [illegible]] [illegible] Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 301 p.

D[illegible], V. V. [Mechanization in the manufacture of metallic [illegible]] Mekhanizatsiia v proizvodstve [illegible]. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 80 p.

D[illegible], E. M. [Instruments for automatic control [illegible] in the manufacture of machines] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 302 p.

DORFMAN, L. A. [Hydrodynamic resistance and heat emission of rotating solids] Gidrodinamicheskoe soprotivlenie i teplootdacha vrashchaiushchikhsia tel. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 260 p.

D[illegible]NATOVSKII, P. V., and V. M. IVANOV. [Replies to questions of radio amateurs] Otvety na voprosy radioliubitelei. Moskva, Izd-vo DOSAAF, 1960. 142 p.

D[illegible]ZDOV, N. P., and others. [Technology of metals] Tekhnologiia metallov. Pod red. N. P. Dubinina. Izd. 3. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 564 p.

DYKO, L. P., and E. A. IOFIS. [Photography, technology and art] Fotografiia, ee tekhnika i iskusstvo. Moskva, Gos. izd-vo "Iskusstvo," 1960. 404 p.

DYMSHITS, I. I. [Gearboxes] Korobki peredach. Pod red. A. A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 359 p.

EIDEL'MAN, S. IA. [Actual testing of concrete hydraulic structures] Naturnye issledovaniia betonnykh gidrotekhnicheskikh sooruzhenii. Moskva, Gos. energ. izd-vo, 1960. 200 p.

EMEL'IANOV, O. P., and L. L. KARPUKHIN. [Moscow subway] Moskovskii metropoliten. Izd. 2., perer. [Moskva] Mosk. rabochii, 1960. 62 p., illus.

ERMOLENKO, B. N., and L. N. LAMBIN. [Method for drawing diagrams representing multicomponent systems and using it in the synthesis of new glasses] Metod postroeniia diagramm mnogokomponentnykh sistem i ispol'zovanie ego pri sinteze novykh stekol. Minsk, [illegible] inst., otdel NPI im. I. V. Stalina, 1959. 34 p.

EROFEEV, N. I. [Safety and signalling appliances for cranes] Predokhranitel'nye i signalizatsionnye ustroistva kranov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 103 p.

[EXPANSION OF RAILROAD TRANSPORTATION DURING THE SEVEN YEAR PERIOD] Razvitie zheleznodorozhnogo transporta v semiletii; sbornik statei. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 373 p.

FARFOROVSKII, B. S., and IA. N. PIATOV. [Design of coolers for industrial water supply systems] Proektirovanie okhladitelei dlia sistem proizvodstvennogo vodosnabzheniia. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

FEDOROV, M. M. [Selected works in two volumes] Izbrannye trudy v dvukh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 2, 1960. 462 p.

FEDOSEEV, P. G. [Rectifiers and stabilizers] Vypriamiteli i stabilizatory. Moskva, Gos. izd-vo "Iskusstvo," 1960. 517 p.

FEDOSEEV, S. C., and A. D. CHERNOVOLOV. [Sampling and classification of coal] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 325 p.

FETISOV, D. V. [Applied optics] Prikladnaia optika. Moskva, Izd-vo geodez. i kartograf. lit-ry, 1957. 211 p.

FROLOV, A. D., E. I. SMIRNOV, and M. M. [illegible]. [Mechanization of casting in shell molds] Mekhanizatsiia lit'ia v obolochkovye formy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 174 p.

[FOR YOU, HOUSEWIVES] Vam, domokhoziaiki. [IAroslavl'] [illegible] knizhnoe izd-vo, 1960. 327 p.

[FORGING TOOLS; design and specifications] Instrument kuznechnyi, konstruktsiia i tekhnicheskie trebovaniia. Moskva, Gos. izd-vo standartov, 1960. 104 p. (Normali mashinostroeniia [illegible])

[FREE WHEELING MULTIPLE CLUTCH; design and specifications] Mufty [illegible]. Moskva, Standartgiz, 1959. 27 p. (Normali mashinostroeniia MN 3-59)

FRIDMAN, V. M. [Ultrasound; from the "Sunday readings" Polytechnical Museum in Moscow] Ul'trazvuk; po materialam "Voskresnykh chtenii" Politekhnicheskogo muzeia v g. Moskve. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 19)

GA[illegible], N. V. [Underwater television] Podvodnoe televidenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 97 p.

GAIVORONSKII, A. G., and V. I. GOROZHANKIN. [The DT-54 tractor] Traktor DT-54. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 237 p.

GALATON, E. G. [Slag removal from open-hearth furnace slag pockets] Udalenie shlaka iz shlakovikov martenovskikh pechei. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 157 p.

GALKIN, V. D., and V. N. ORDAROV. [Effective dimensioning and indication of tolerances in mechanical drawings] Ratsional'naia postanovka razmerov i dopuskov na chertezhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 160 p. [MICROFILM]

GALLAI, IA. S., comp. [Materials on the theory of rolling] Materialy po teorii prokatki. Pod red. I. M. Pavlova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Pt. 6, 1960. 196 p.

GAVRILOV, A. N., ed. [Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoianie i napravleniia razvitiia tekhnologii mashinostroeniia i priborostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 563 p.

GEGELIIA, T. G. [Submerged intakes and bottom dams] Donnye i bychkovye vodozabornye plotiny. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 125 p.

GERMAN-PROZOROVA, L. P., and N. V. VINOGRADOVA, comps. [English-Russian radio engineering dictionary] Anglo-russkii radiotekhnicheskii slovar'. Pod obshchei red. V. L. Kreitsera. Red. kollegiia: M. P. Gon i dr. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei, 1960. 624 p.

GERSZONOWICZ, Z. [High-voltage a.c. circuit breakers. Translated from the English. Preface by G. V. Butkevich and A. M. Bronshtein] Vykliuchateli peremennogo toka vysokogo napriazheniia. Moskva, Gos. energ. izd-vo, 1960. 515 p.

GEZENTSVEI, L. B. [Asphalt concrete constructing pavements] Dorozhnyi asfal'tovyi beton. Izd. 3., dop. i perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 301 p.

GITIS, S. S., and V. V. ALEKSEEV. [Plastics and their uses] Plastmasy ta ikh zastosuvannia. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 7)

GLAZKOV, V. I., P. G. BORODENKO, and V. G. LOTIK. [Protection of main pipelines against underground corrosion] Zashchita magistral'nykh truboprovodov ot podzemnoi korrozii. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 244 p.

GLIASS, V. D. [Screw thread grinding] Rez'beshlifovanie. Pod obshchei red. G. P. Kudasova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 64 p. (Biblioteka shlifoval'shchika, no. 7)

GOKH[illegible], D. M., and G. B. IAN'KOV. [Electrostatic charged particle accelerators] Elektrostaticheskie uskoriteli zariazhennykh chastits. Moskva, Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 50 p.

GORDEEV, I. I., V. N. KULESHOV, and V. V. SOKOLOV. [Cable communication lines] Kabel'nye linii sviazi. Pod red. E. IA. [illegible]. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 301 p. [MICROFILM]

GORODNICHEV, V. M. [Modern methods of controlling the swelling of rocks] Sovremennye metody bor'by s pucheniem gornykh porod. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 99 p.

GRIGOR'EV, G. K. [Trails in the sky] Sledy v nebe. Moskva, Izd-vo DOSAAF, 1960. 64 p.

GROMOVA, A. N., V. I. ZAV'IALOVA, and V. K. KOROBOV. [Manufacturing parts of sheets and sections in lot production] Izgotovlenie detalei iz listov i profilei pri seriinom proizvodstve. Pod obshchei red. V. V. Boitsova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 343 p.

GROSHEVOI, G. V. [Engineering calculation, design, and use of galvanometers in integrating circuits] Tekhnicheskii raschet, proektirovanie i ekspluatatsiia gal'vanometrov dlia integriruiushchikh skhem. Moskva, Izd-vo Akad. nauk SSSR, 1960. 86 p.

GROZOVSKII, T. S., and B. N. NADEZHDIN. [The "Moskvich-407" automobile; operation, maintenance, and repair] Avtomobil' "Moskvich-407", upravlenie, obsluzhivanie i remont. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 200 p.

GUBANOV, P. P. [Builders of turbines, the past and present of a Leningrad metalworking plant] Stroiteli turbin; o proshlom i nastoiashchem Leningradskogo metallicheskogo zavoda. [Leningrad] Lenizdat, 1959. 120 p.
(NNC)

GUKASOVA, E. A., and others. [Aerodynamic improvement of bladed apparatus of steam and gas turbines] Aerodinamicheskoe sovershenstvovanie lopatochnykh apparatov parovykh i gazovykh turbin. Pod red. V. S. Zhukovskogo i S. S. Kutateladze. Moskva, Gos. energ. izd-vo, 1960. 340 p.

GULIAEV, A. P. [Heat treatment of steel] Termicheskaia obrabotka stali. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 495 p.

GULIAEV, B. B. [Founding processes] Liteinye protsessy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 416 p.

GUREVICH, A. G. [Ferrites at microwave frequencies] Ferrity na sverkhvysokikh chastotakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 407 p. (Fizika poluprovodnikov i poluprovodnikovykh priborov)

[HAND TRIMMING, AND CLEANING TOOLS FOR FOUNDRIES] Instrument ruchnoi liteinyi obrubnoi i ochistnoi. Moskva, Gos. izd-vo standartov, 1959. 32 p. (Normali mashinostroeniia SSSR)

[HANDBOOK ON MATERIALS USED IN THE MANUFACTURE OF MACHINERY] Spravochnik po mashinostroitel'nym materialam; v chetyrekh tomakh. Pod red. G. I. Pogodina-Alekseeva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.
Vol. 4. [Nonmetallic materials] Nemetallicheskie materialy. Red. toma, A. N. Levin. 1960. 723 p.

[HANDLES FOR GAUGES] Ruchki dlia kalibrov. Moskva, Gos. izd-vo standartov, 1959. 11 p. (Normali mashinostroeniia SSSR)

HERTELRAN, JUAN, OCTAVIO BRAVO DEL CASTILLO, and JUAN D. BOJANICH. [Principles of geophysical well logging. Translated from the Spanish] Osnovy geofizicheskogo issledovaniia skvazhin. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 107 p.

[HIGH PRESSURE HOSES WITH SEALINGS FOR OPERATING PRESSURES UP TO 150 KILOGRAM (FORCE) PER SQUARE CENTIMETER] Rukava vysokogo davleniia s zadelkami na rabochie davleniia do 150 kgs/cm². Moskva, Gos. izd-vo standartov 1959. 13 p. (Normal' mashinostroeniia MN 73-59)

IABLONIK, R. M. [Gas turbine systems] Gazoturbinnye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 408 p

INDENBAUM, V. B., and M. A. SLUCHAEV. [Inspection and repair of small steam turbines] Reviziia i remont parovykh turbin maloi moshchnosti. Izd. 2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 317 p.

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION. [Recommendation ISO/R 49 "Malleable cast iron pipe fittings for pipelines (thread in accordance with Recommendation ISO/R 7)"] Rekomendatsiia ISO/R 49 "Soedinitel'nye chasti kovkogo chuguna dlia truboprovodov (rez'ba v sootvetstvii s rekomendatsiei ISO/R 7)." Izd. 1. Moskva, Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR, 1957. 30 p.

ISKRA, V. M. [Automation - abundance or new calamities?] Avtomatizatsiia - izobilie ili novye bedstviia? [Moskva] Izd-vo VTsSPS Profizdat, 1959. 117 p.

IVANOV, A. P. [Mechanization and automation of technological processes in the manufacture of machinery] Mekhanizatsiia i avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 331 p.

IVANOV, V. D., and E. P. KAZAKEVICH. [Hydroelectric power resources of the Chinese People's Republic and their use] Gidroenergeticheskie resursy Kitaiskoi Narodnoi Respubliki i ikh ispol'zovanie. Moskva, Gos. energ. izd-vo, 1960. 47 p.

IVANOV, V. M., and V. G. KOZHUSHKEVICH. [Direct current motors for crane hoists; regulations on installation, maintenance, and repair] Kranovye elektrodvigateli postoiannogo toka, rukovodstvo po ustanovke, ukhodu i remontu. Moskva, Gos. energ. izd-vo, 1960. 62 p. (Kranovoe elektrooborudovanie, no. 4)

KAETANOVICH, M. M. [Erection of overhead electric power lines with a rating up to 35 kv] Montazh vozdushnykh linii elektroperedachi do 35 kv. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 232 p. (Spravochnik elektromontera, no. 7)

KANIUKA, N. S., and F. P. KRIVDA. [Over-all mechanization in assembling large brick block apartment houses, practices of the Main Administration for Housing and Public Construction in the City of Kiev] Kompleksnaia mekhanizatsiia montazha zhilykh zdanii iz krupnykh kirpichnykh blokov, opyt Glavkievstroia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 93 p.

KANTOROVICH, Z. B. [Principles for the calculation of chemical machines and apparatus] Osnovy rascheta khimicheskikh mashin i apparatov. Izd. 3., znach. perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 743 p.

KAPUSTIN, I. I. [Creating machinery] Kak sozdaiut mashiny. [Moskva] Mosk. rabochii, 1960. 269 p.

KARANDIEIEV, K. B., and H. A. SHTAMBERGER. [Quasi balanced a.c. bridges] Kvazizrivnovazheni mosty zminnoho strumu. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 104 p.

KARPOV, A. V. [Electric equipment for refrigerators; large current electric units] Elektrooborudovanie kholodil'nikov; elektroustanovki sil'nogo toka. Moskva, Gos. izd-vo torg. lit-ry, 1960. 207 p.

KARPOV, E. F., and others. [Automatic protective devices in mines] Avtomaticheskie zashchitnye ustroistva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.

KATSMAN, IA. A. [Low power junction transistors] Poluprovodnikovye ploskostnye malomoshchnye triody. Moskva, Gos. energ. izd-vo, 1960. 240 p.

KATYS, G. P. [Automation control of nonstationary fields] Nekotorye voprosy avtomaticheskogo kontrolia nestatsionarnykh polei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 234 p.

KEKIN, A. A., and others. [Dust control during compressed air percussion boring] Bor'ba s pyl'iu pri pnevmoudarnom burenii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 108 p.

KHADZHIKOV, R. N. [Problems on mechanical engineering in mining] Zadachnik po gornoi mekhanike. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 341 p.

KHANOVICH, M. G. [Liquid friction and combined supports] Opory zhidkostnogo treniia i kombinirovannye. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 371 p.

KHOTIANOV, L. K. [Hygienic principles and operation of industrial ventilation, manual for inspection and industrial hygiene employees] Gigienicheskie osnovy promyshlennoi ventiliatsii i ee ekspluatatsiia, posobie dlia rabotnikov promyshlennoi sanitarnoi inspektsii i okhrany truda. Moskva, Medgiz, 1959. 215 p.
(DNLM)

KHRUSHCHOV, M. M., and E. S. BERKOVICH. [Studying the hardness of ice] Izuchenie tverdosti l'da. Moskva, Izd-vo Akad. nauk SSSR, 1960. 48 p.

KHRUSHCHOV, M. M., and M. A. BABICHEV. [Investigating the wear of metals] Issledovanie iznashivaniia metallov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 350 p.

KIL'MATOV, R. F. [Using gas at asphalt-concrete plants] Gazifikatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 62 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

KIM, A. KH. [Some problems of the rheology of visco-plastic dispersed systems] Nekotorye voprosy reologii viazko-plastichnykh dispersnykh sistem. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 81 p.

KLEPIKOV, V. P. [Apartment house built in 30 days using combined production-line methods] Potochno-sovmeshchennym metodom za 30 dnei. [Rostov na Donu] Rostovskoe knizhnoe izd-vo, 1959. 65 p.

KNAPP, K. K. [Use of gas in the home] Ekspluatatsiia gazovogo khoziaistva zhilogo doma. Izd. 2. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 128 p.

KOLOBANOV, S. K. [Water supply and sewer systems] Vodoprovod i kanalizatsiia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 104 p. (V pomoshch' individual'nomu zastroishchiku)

KOLYCHEV, A. I., and A. S. ZHUROVKOV. [Garage equipment, handbook] Garazhnoe oborudovanie; spravochnik. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 163 p.

KONDRAT'EV, IU. P. [Design of cast parts for precision casting, equipment] Konstruirovanie litykh detalei i osnastki dlia lit'ia po vyplavliaemym modeliam. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 196 p.

KONFERENTSIIA PO TEORII I PRIMENENIIU DISKRETNYKH AVTOMATICHESKIKH SISTEM. Moscow, 1958. [Theory and application of discrete automatic control systems] Teoriia i primenenie diskretnykh avtomaticheskikh sistem; trudy konferentsii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 572 p.

KO[illegible], O. I. [illegible] reaktivnykh [illegible]. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 100 p. ([illegible])

KOROT'KOV, A. M. [Properties of metals used in founding] [illegible] metallov i splavov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 105 p.

KO[illegible], A. M. [The organization of work in an automatic factory] Organizatsiia raboty v [illegible]. [Moskva] Mosk. rabochii, 1959. 63 p. ([illegible])

KOVALEVSKII, I. I. [illegible] Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 154 p.

KOZLOVA, O. V., and B. I. MIRLAZOV. [How automation [illegible]] [illegible] avtomatizatsii [illegible]. Moskva, Gosplanizdat, 1960. 130 p.
(MIRA [illegible])

KOZHUKHOV, V. A. [illegible] Planirovanie [illegible]. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 301 p.

KRI[illegible], I. M. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry [illegible], 1960. 52 p. ([illegible])

KRI[illegible], I. I. [illegible] Moskva, Gos. [illegible] lit-ry, 1960. 160 p.

KRI[illegible], B. N., and others. [illegible of metals] [illegible] metallov. Moskva, Gos. nauchno-tekhn. izd-vo [illegible] lit-ry, 1960. 404 p.

KRI[illegible]SKAIA, S. A., and G. P. [illegible]. [Using geophysical methods for studying [illegible]] [illegible]. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1960. 122 p.

KRYLOV, M. K. [Handbook for laboratory work in electric and radio engineering] Rukovodstvo k laboratornym rabotam po elektrotekhnike i radiotekhnike. [Moskva] Izd-vo Mosk. univ., 1959. [143 p.].
(CU-S)

KRYMSKII, I. I. [Finishing operations in forge shops] Otdelochnye operatsii v kuznechno-shtampovochnykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 110 p.

KUKIN, I. G., and others. [Increasing the strength and wear resistance of hard alloy metal cutting tools] Povyshenie prochnosti i iznosostoikosti tverdosplavnogo instrumenta. Pod red. N. P. Shatalova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 182 p.

KULEBAKIN, G. I. [Advice to builders] Sovety zastroishchiku. [Moskva] Mosk. rabochii, 1960. 319 p.

KUL'SKII, L.A. [Chemistry and technology of water treatment] Khimiia i tekhnologiia obrabotki vody. Kiev, Izd-vo Akad. nauk USSR, 1960. 350 p.

KUL'SKII, L.A., and others. [Physicochemical foundations of water purification through coagulation] Fiziko-khimicheskie osnovy ochistki vody koaguliatsiei. Kiev, Izd-vo Akad. nauk USSR, 1960. 107 p.

[illegible]AVA, N.M. [Tiflis plant[illegible] manufacturing plant. Tbiliskii zavod "[illegible]," Tbilisi, Gos. izd-vo "Sabchota Sakartvelo,"] 1959. 60 p. [In Georgian.]

[illegible]CHEV, V.T. [Methods and means for active control of dimensions in the manufacture of machinery] Metody i sredstva aktivnogo kontrolia razmerov v mashinostroenii. Moskva, Mosk. dom. nauchno-tekhn. propagandy im. F.E. Dzerzhinskogo, 1957. 61 p. ([illegible])

[illegible]TSOV, N.D., and V.F. SKOTNIKOV. [Manual for individuals building their own homes] Posobie dlia individual'nogo zastroishchika. [illegible], 1959. 83 p. ([illegible])

[illegible] BUDYNOK MODELEI. [Coats and suits] [illegible]. Kyiv, Upr. legkoi promyslovosti [illegible] 1960. 1 v., illus.

[illegible] AND TECHNOLOGY IN THE SEVEN YEAR [illegible] Nauka i tekhnika v semiletke. [Moskva] Izd-vo [illegible] Profizdat, 1960. 365 p. (Massovaia biblioteka [illegible])

[illegible], N.M. [Operation of special dump trucks] [illegible] spetsial'nykh avtomobilei samosvalov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo [illegible] dorog RSFSR, 1960. 58 p.

[illegible], P.F. [Hydraulic transmissions for woodworking [illegible] and their use] Gidroprivod derevoobrabaty[illegible] stankov i ego ekspluatatsiia. Moskva, [illegible], 1960. 60 p.

[illegible], M.A., and G.G. AKIVATHATUROV. [Equipment for dismantling, assembling, and adjusting [illegible] tractors] Oborudovanie dlia razborki, sborki [illegible] traktorov. Moskva, Gos. [illegible] tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible]

[illegible], N.F., and B.V. [illegible]AVAKIAN. [Weldable [illegible] alloys] [illegible] legkie splavy. Leningrad, [illegible] promyshl., 1960. [illegible]

[illegible], N.V., V.V. KOBOZOV, and V.I. FILIPPOVA [illegible] gasification reactions and [illegible] gases] Termodinamika reaktsii [illegible] gazov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 97 p.

[illegible], V.N., and G.A. [illegible]. [Wear resistance [illegible]] [illegible] metallov. Moskva, Gos. [illegible] izd-vo mashinostroit. lit-ry, 1960. [illegible]

[illegible] [illegible] [illegible] Leningrad, [illegible] 14 p. [illegible]

[illegible] [illegible] [illegible] [Industrial pipe [illegible] reference book] Promyshlennaia [illegible] armatura, katalog spravochnik. [illegible] [illegible]

Pt. 1. [illegible] regulating valves] Krany, ukazateli urovnia, [illegible] i reguliruiushchie ventili. 1960. [illegible]

[illegible], G.N. [[illegible] guide to radio receivers] [illegible] priemnikakh. Moskva, Gos. izd [illegible], 1960. 51 p.

[illegible], F.E. [Planning the production at the enterprises of [illegible] industries] Planirovanie proizvodstva na predpriiatiiakh khimicheskoi promyshlennosti. Moskva, [illegible] tekhn. izd-vo khim. lit-ry, 1960. [illegible] p.

[illegible] F.A. [[illegible] radio receivers] [illegible] priemnikam. Moskva, [illegible], 1960. 384 p.

[illegible], V.V. [Heat losses in water systems [illegible] varying conditions] Poteri tepla [illegible] pri [illegible] rezhimakh. [illegible] izdatel'skii otdel [illegible], 1960. 134 p.

LIBERMAN, S.G., and V.P. PETROVSKII. [Manual on the production of animal fats] Spravochnik po proizvodstvu zhivotnykh zhirov. Izd.3., perer. i dop. Moskva, Pishchepromizdat, 1960. 535 p.

LIBSHITS, S.I. [Steelmaking in converters] Proizvodstvo stali v konvertorakh, uchebnoe posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 203 p.

LINDENAU, N.I. [Efficient underground mining systems for thick coal seams] Ratsional'nye sistemy razrabotki moshchnykh ugol'nykh plastov podzemnym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 18 p.

LINTISKII, V.G., and K.I. KRAVTSOV. [The KSTI 20 scraper] Skrebkovyi konveier KSTI 20. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 58 p. (Novaia gornaia tekhnika)

LIPKIN, B.Iu. [Electric equipment at industrial enterprises] Elektrooborudovanie promyshlennykh predpriiatii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 399 p.

[LIQUID DIELECTRICS, use of a galvanometer in methods for determining the strength of dielectrics and the tangent of the angle of dielectric losses at a frequency of 50 c. with a specific volumetric electric resistance] Dielektriki zhidkie; metody opredeleniia elektricheskoi prochnosti i tangensa ugla dielektricheskikh poter' pri chastote 50 gts i udel'nogo ob"emnogo elektricheskogo soprotivleniia pri pomoshchi gal'vanometra. Izd. ofitsial'noe. [Moskva] Gos. izd-vo standartov "Standartgiz," 1959. 13 p. (GOST 6581-53)

LIVSHITS, B.S., G.A. NOVIKOV, and I.S. FARAFONOV. [Rural automatic telephone stations] Sel'skie avtomaticheskie telefonnye stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1958. 105 p.

LOMANOV, I.P. [Germanium and silicon are the most important semiconductors] Germanii i kremnii - vazhneishie poluprovodnikovye materialy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 51 p.

LOMONOSOV, I.G., and others. [Album of designs of dams to be built on timber floating rivers] Al'bom konstruktsii lesosplavnykh plotin. Moskva, Goslesbumizdat, 1959. 212 p.

LOSSIEVSKII, V.L., and I.G. PLESKIN. [Automatic control of continuous industrial processes] Voprosy avtomatizatsii nepreryvnykh proizvodstvennykh protsessov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 111 p.

MAIBORSKII, IA.IU., and E.V. NOVIKOV. [Theory of airplane engines] Teoriia aviatsionnykh dvigatelei. Moskva, Voen. izd-vo M-va obor. SSSR

Pt. 1. [Fundamentals of thermodynamics and gas dynamics] Osnovy termodinamiki i gazovoi dinamiki. 1960. 210 p.

MAKAROV, F.M. [Father of factories, outline history of the Ural Machine Plant] Otets zavodov, ocherki istorii Uralmashzavoda. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 149 p.

MAKOVETS, M.D. [Housekeeping, care of clothing and shoes, advice for the young family] Ukhod za odezhdoi i obuv'iu, sovety molodoi sem'e. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 69 p.

MALOZOVSKII, M.L., and K.N. CHEREPENKO. [Mechanics and patternmaker, work practice] Slesar'-lekal'shchik, opyt raboty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 104 p.

MAL'TSEV, P.M. [Technology of the fermentation industries, a general course] Tekhnologiia brodil'nykh proizvodstv, obshchii kurs. Moskva, Pishchepromizdat, 1960. 622 p.

MALYSHEV, N.A., N.V. NAZIN, and G.A. RUSSO. [The V.I. Lenin Hydroelectric Power Station on the Volga] Volzhskaia gidroelektrostantsiia imeni V.I. Lenina. Pod obshchei red. G.A. Russo. Moskva, Gos. energ. izd-vo, 1960. 79 p.

MARKELLOV, A.A. [Homemade magnetic tape recorders] Samodel'nyi magnitofon. [Moskva] M-vo kul'tury RSFSR, Izd-vo "Detskii mir," 1960. 36 p.

MARKELOV, P.A. [Metal cutting using tools with ceramic inserts] Rezanie metallov instrumentami s keramicheskimi plastinkami. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 204 p.

MARKHAI, F.V., V.N. ROGINSKII, and A.D. KHARKEVICH. [Automatic telephony] Avtomaticheskaia telefoniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 646 p.

MARTYNOV, A.K. [Experimental aerodynamics] Eksperimental'naia aerodinamika. Moskva, Gos. izd-vo obor. promyshl., 1960. 476 p.

MASLIKOV, V.A. [Examples of calculations of equipment used in the production of vegetable oils] Primery raschetov oborudovaniia proizvodstva rastitel'nykh masel. Moskva, Pishchepromizdat, 1959. 325 p.

MATALASOV, S.I. [Refrigerated railroad transportation] Zheleznodorozhnyi kholodotransport. Izd.2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 276 p.

MATLIN, G.M. [Technical and economic grounds for over-all waterway dimensions] Tekhniko-ekonomicheskoe obosnovanie gabaritov vodnykh putei; metodicheskoe rukovodstvo. Moskva, Tsentr. nauchno-issl. institut ekonomiki i ekspluatatsii vodnogo transporta, 1959. 309 p.

MATLIN, I.I. [Radar, study aid for enlisted men] Radiolokatsiia; uchebnoe posobie dlia soldat i serzhantov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 448 p.

MEDNEK, B.E., and V.P. BURSHI. [Multiple position automatic forging machines] Mnogopozitsionnye shtampovochnye avtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 47 p.

MEDVEDIUK, N.I. [Collective farm smith, with qualifications of mechanic, tinsmith, and coppersmith] Kolkhoznyi kuznets, s kvalifikatsiei slesaria, zhestianshchika i mednika. Moskva, Trudrezervizdat, 1959. 346 p.
(DA)

MEIER, V.A. [Borehole logging in prospecting for complex ore deposits] Karotazh skvazhin pri razvedke polimetallicheskikh mestorozhdenii. [Leningrad] Izd-vo Leningr. univ., 1960. 207 p.

MELUA, G.T. [Solar power resources of the Georgian SSR] Gelioenergeticheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 120 p.

MENDELEEVSKII S"EZD, 8th, Moscow, 1959. [Section of the economy, planning, and organization of chemical industries] Sektsiia ekonomiki, planirovaniia i organizatsii khimicheskikh proizvodstv. Moskva, Izd-vo Akad. nauk SSSR, 1959. 60 p. (Referaty dokladov i soobshchenii, no. 15)

MENDELEEVSKII S"EZD, 8th, Moscow, 1959. [Symposium on the higher chemical and technical education] Simpozium po vysshemu khimicheskomu i tekhnologicheskomu obrazovaniiu. Moskva, Izd-vo Akad. nauk SSSR, 1959. 83 p. (Referaty dokladov i soobshchenii, no. 16)

MERKVILADZE, Z.I. [Brigades of communist labor in metallurgy. Brigady kommunisticheskogo truda metallurgov. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 37 p. [In Georgian.]

MESAL', K.V. [Improvement of working conditions in electric welding] Ozdorovlenie uslovii truda pri elektrosvarochnykh rabotakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 100 p.

MIKHALIN, G.I. [Operation of fixed diesel engines at electric power plants] Ekspluatatsiia statsionarnykh dizelei na elektrostantsiiakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 230 p.

MIL'SHTEIN, V.N. [Power relationships in electric measuring devices] Energeticheskie sootnosheniia v elektroizmeritel'nykh priborakh. Moskva, Gos. energ. izd-vo, 1960. 311 p.

MINDELI, E.O. [Boring and blasting operations in mining] Burovzryvnye raboty pri provedenii gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 454 p.

MINENKOV, I.B. [Close-up photography] Makrofotografiia. Moskva, Gos. izd-vo "Iskusstvo," 1960. 176 p.

MINSKII TRAKTORNYI ZAVOD. [Catalog of spare parts for the MTZ-2, MTZ-5, MTZ-5K, MTZ-5M, MTZ-5L, MTZ-7M, and MTZ-7L "Belarus'" tractors] Katalog zapasnykh chastei traktora "Belarus'" modelei MTZ-2, MTZ-5, MTZ-5K, MTZ-5M, MTZ-5L, MTZ-7M i MTZ-7L. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 575 p.

MIRONOV, V.G. [Manipulators used in forging] Kovochnye manipuliatory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 126 p.

MLINOV, I. B. [Electric slag welding of large-size thick-walled structures] Elektroshlakovaia svarka krupnogabaritnykh, tolstostvennykh konstruktsii. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 34 p.

MOGIL'NYI, I. M. [Mechanical drawing] Tekhnicheskoe cherchenie. Izd. 6., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 418 p.

[MOLDING AND SMOOTHING TOOLS FOR FOUNDRIES] Instrument liteinyi formovochnyi i otdelochnyi. Moskva, Gos. izd-vo standartov, 1959. 84 p. (Normali mashinostroeniia SSSR)

MORAVSKII, V. E. [Condenser discharge welding of small thickness metals] Kondensatornaia svarka metallov malykh tolshchin. Moskva, Gos nauchno-tekhn izd-vo mashinostroit. lit-ry, 1960. 143 p

MOROZ, L. S., and others. [Titanium and its alloys] Titan i ego splavy. Pod red. L. S. Moroza. Leningrad Gos. soiuznoe izd-vo sudostroit. promyshl.

Vol 1. [Commercially pure titanium] Tekhnicheski chistyi titan 1960. 515 p.

MOSCOW. AVIATSIONNYI INSTITUT IMENI SERGO ORDZHONIKIDZE. [Manual for designing aeronautical instruments] Posobie po proektirovaniiu aviatsionnykh priborov. Pod red B. A. Riabova. Moskva, Gos nauchno-tekhn. izd-vo Oborongiz

No. 1 [Electromechanical instruments] Elektromekhanicheskie pribory. 1960 94 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Specifications for repair, assembly, and testing of units and the ZIL-150 and ZIL-585 motortrucks during overhauling] Tekhnicheskie usloviia na remont, sborku i ispytanie agregatov i avtomobilei ZIL-150 i ZIL-585 pri kapital'nom remonte. Izd. 2., perer. Moskva, Avtotransizdat, 1960. 169 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRUDA. TSentral'noe biuro promyshlennykh normativov po trudu. [General engineering time norms for cold forging] Obshchemashinostroitel'nye normativy vremeni na kholodnuiu shtampovku. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 151 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRUDA. TSentral'noe biuro promyshlennykh normativov po trudu. [Handbook on repairing the "Stalinets-80" tractor and hoisting winches of tractors with standard time norms] Spravochnik po organizatsii remonta traktora "Stalinets-80" i lebedok traktora-pod"emnika s tipovymi normami vremeni. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 418 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKONOMIKI I EKSPLUATATSII VODNOGO TRANSPORTA. [Over-all mechanization of coal and ore handling in river harbors] Kompleksnaia mekhanizatsiia peregruzki uglia i rudy v rechnykh portakh. Moskva, 1959. 151 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOGENNOI OBRABOTKI METALLOV. [Handling and operation of portable acetylene generators] Ekspluatatsiia perenosnykh atsetilenovykh generatorov. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 78 p. (Spravochnye materialy, no. 18)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU. [Thermal investigations in the field of building materials and construction elements, collection of works] Teplotekhnicheskie issledovaniia v oblasti stroitel'nykh materialov i konstruktsii; sbornik trudov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 186 p.

MOSKOVSKII ZAVOD MALOLITRAZHNYKH AVTOMOBILEI. [Catalog of spare parts for the 407, 410N, 411, 423H and 430 "Moskvich" automobiles] Katalog zapasnykh chastei avtomobilei "Moskvich" modelei 407, 410N, 411, 423N i 430. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 481 p.

NADAL'IAK, P. A. [Single-bucket excavator, outline of the development of single-bucket excavators for open excavations] Odnokovshovye ekskavatory, ocherk razvitiia odnokovshovykh ekskavatorov dlia otkrytykh gornykh rabot. Moskva, Izd-vo Akad. nauk SSSR, 1960. 70 p.

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANICHESKIKH POLUPRODUKTOV I KRASITELEI. [Organic intermediate products and dyes, collected articles] Organicheskie poluprodukty i krasiteli, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry

No. 1. 1959. 238 p.

[MICROFILM]

NAUCHNO-TEKHNICHESKOE OSBHCHESTVO STROITEL'NOI INDUSTRII. [Designing and constructing high dams, based on data from the conference on high dams] Proektirovanie i stroitel'stvo vysokikh plotin, po materialam soveshchaniia po vysokim plotinam. Pod obshchei red. V. S. Eristova. Moskva, Gos energ. izd-vo, 1960. 196 p.

NEKLIUDOV, M. K. [Leaflet on safety measures for excavator operator] Pamiatka po tekhnike bezopasnosti dlia mashinista ekskavatora Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit materialam, 1960. 27 p. (Tekhnika bezopasnosti)

NEKRASOVSKII, IA. E., and I. M. RYMAR. [Rapid development mining] Opyt skorostnogo provedeniia podgotovitel'nykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 92 p.

NIKITIN, G. M. [Electric drives for ship machinery] Sudovye elektroprivody. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 395 p.

NIKOLAEV, G. A., and others. [Welding] Svarka. Red. serii "Mashinostroenie v 1959 gg." I. I. Changli. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 106 p.

NOVIKOV, M. P. [Fundamentals of designing assembling devices] Osnovy konstruirovaniia sborochnykh prisposoblenii. Izd. 3., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit lit-ry, 1960. 351 p

NOVIKOV, P. G., E. F. LISITSYNA, and M. V. FROLOVA. [Foreign practices in making large steel castings] Proizvodstvo krupnogo stal'nogo lit'ia za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 82 p.

NOVIKOV, V. A. [Long-distance communications] Dal'niaia sviaz'. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 246 p.

[NONREGULATED GAUGES FOR CHECKING LENGTHS FROM 10 TO 500 MM.] Skoby nereguliruemye dlia kontrolia dlin svyshe 10 do 500 mm, tipy i razmery. Moskva, Gos. izd-vo standartov, 1959. 19 p. (Normali mashinostroeniia SSSR)

ODEL'SKII, E. KH. [Gas supply system] Gazosnabzhenie. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina.

Pt. 2. 1960. 176 p.

OLEVSKII, V. A. [Design and calculation of mechanical classifiers and hydro-cyclones] Konstruktsii i raschet mekhanicheskikh klassifikatorov i gidrotsiklonov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 314 p.

ORLOV, V. L. [Correct operation of the IAAZ engines] Kak pravil'no ekspluatirovat' dvigateli IAAZ. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 206 p.

ORLOVSKII, Z. A. [Sewage treatment plants in England and France] Stantsii aeratsii Anglii i Frantsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1959. 92 p

OVSIANNIKOV, B. V. [Theory and design of pumps for liquid-fuel rocket engines] Teoriia i raschet nasosov zhidkostnykh raketnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 246 p.

[PANORAMIC MOTION PICTURES] Panoramnyi kinematograf. Moskva, Gos. izd-vo "Iskusstvo," 1959. 30 p.

PETROV, M. P., and others. [Locating and eliminating faults in the N8 electric locomotives] Obnaruzhenie i ustranenie neispravnostei na elektrovoze N8. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 170 p.

PETROV, N. P., and V. P. SYRNEV. [Radioactive emission and its measurement] Radioaktivnye izlucheniia i ikh izmereniia. Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 190 p. (Nauchno-populiarnaia biblioteka)

P'IANOV, A. S., and A. G. TARLERSKII. [Combined brigades of efficiency promoters] Kompleksnaia brigada ratsionalizatorov. Moskva, Izd-vo VTsSPS Profizdat, 1959. 44 p.

PIDHAIETS'KYI, V. V. [Welding copper and its alloys under flux] Zvariuvannia midi ta ii splaviv pid fliusom. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1957. 35 p.

[MICROFILM]

PLESHKOV, D. I. [Road machinery] Dorozhno-stroitel'nye mashiny. Izd. 2., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 471 p.

POLEKHIN, S. I. [Theory of wire communications] Teoriia sviazi po provodam. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 461 p.

POLUBOIARINOV, D. N., V. O. BALKEVICH, and R. IA. POPIL'SKII. [High-alumina ceramic and refractory materials] Vysokoglinozemistye keramicheskie i ogneupornye materialy. Pod red. D. N. Poluboiarinova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 231 p.

POVOLOTSKII, I. A., and A. K. PERLOV. [KN-1 cutter loader] Nareznoi kombain KN-1. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 153 p.

POVOROZHENKO, V. V., and others. [Transportation in the U. S. S. R.] Transport SSSR. Pod obshchei red. V. G. Bakaeva. Moskva, Izd-vo "Morskoi transport," 1960. 536 p.

PRESNIAKOV, A. G. [Conquered molecule] Pokorennaia molekula. [Moskva] Mosk. rabochii, 1960. 55 p.

[PRODUCTION AND INSTALLATION OF PIPE SYSTEMS, reference manual] Izgotovlenie i montazh tekhnologicheskikh truboprovodov; spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 574 p.

PROVOTORKHOV, V. S. [Practical study of automobiles in secondary schools] Prakticheskie raboty po avtomobiliu v srednei shkole. Moskva, Gos. uchebno-pedagog. izd-vo M-vo prosv. RSFSR, 1960. 143 p.

PUGACHEV, I. A., ed. [Dictionary of commercial products] Tovarnyi slovar'. Chleny glav. red. D. A. Andrusevich i dr. Moskva, Gos. izd-vo torg. lit-ry.

Vol. 7. Plavki — svekla. 1959. 1078 columns.

[RADIO CIRCUITS, and aid for radio clubs] Radioskhemy; posobie dlia radiokruzhkov. Moskva, Izd-vo DOSAAF, 1960. 79 p.

RAIKHER, M. S., and L. N. KAMINSKII. [Work-time study in mines] Issledovanie rabochego vremeni na shakhtakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 220 p.

RAMAZAN, M. S. [Some features of the hydrological regimen of rivers of Kirghizistan and their classification from the standpoint of hydraulic engineering] Nekotorye osobennosti gidrologicheskogo rezhima i gidrotekhnicheskaia klassifikatsiia rek Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 61 p.

[REGULAR DIAPHRAGMS FOR MEASURING LIQUID, GAS AND STEAM CONSUMPTION AT GIVEN PRESSURES UP TO 100 KILOGRAM (FORCE) PER SQUARE CENTIMETER] Diafragmy normal'nye dlia izmereniia raskhoda zhidkosti, gaza i para na uslovnye davleniia do 100 kgs/sm^2. Moskva, Standartgiz, 1959. 19 p. (Normal' mashinostroeniia MN137-60)

[RESOURCES FOR ELECTRIFICATION; brief description of the history of the Leningrad "Electric Power" Plant named in honor of S. M. Kirov] Arsenal elektrifikatsii; kratkii ocherk istorii Leningradskogo zavoda "Elektrosila" imeni S. M. Kirova. [Leningrad] Lenizdat, 1960. 267 p.

ROD'KIN, I. S. [Ventilation in the course of mine building] Provetrivanie gornykh vyrabotok pri stroitel'stve shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 163 p.

RODNENKOV, M. G. [Mechanizing the felling and the division of timber] Mekhanizatsiia valki i razvedki lesa Moskva, Goslesbumizdat, 1960. 138 p.

ROZENBLAT, M. A. [Magnetic amplifiers] Magnitnye usiliteli. Izd. 3., perer. i dop. Moskva, Izd-vo "Sovetskoe radio."

Vol. 1. 1960. 637 p.

Vol. 2. 1960. 435 p.

ROZENFEL'D, L. M., and A. G. TKACHEV. [Refrigerating machinery and apparatus] Kholodil'nye mashiny i apparaty. Izd. 2., perer. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1960. 656 p.

[illegible]SHTEIN, IA. M. [Radio wave propagation and antenna feeding devices] Rasprostranenie radiovoln i antenno-fidernye ustroistva. Leningrad, Izd-vo "Morskoi transport," 1960. 307 p.

[illegible]TSOV, I. F. [Regularity of scientific and technological progress under socialism] Zakonomernosti nauchno-tekhnicheskogo progressa pri sotsializme. Moskva, Znanie, 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Ekonomika, no. 5)
(MIR)

[illegible]DITSKIN, M. N. [Strength of materials] Soprotivlenie materialov, vvodnaia lektsiia. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1958. 26 p.

[illegible]METKINA, V. P., and M. P. RUDOMETKINA. [Sew it yourself] Sheite sami. Stalino, Knizhnoe izd-vo, 1960. 316 p.

[illegible]MIANTSEV, S. V. [Use of radioactive isotopes for flaw detection] Primenenie radioaktivnykh izotopov v defektoskopii; rukovodstvo po primeneniiu radioaktivnykh izotopov v promyshlennoi defektoskopii. Moskva, Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 303 p.

[illegible]SSIA (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Unified safety regulations in open cut mining] Edinye pravila bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh otkrytym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 11 p.

[illegible]SSIA (1923- U.S.S.R.) Avtotraktornoe upravlenie. [illegible] the length of time between overhauls for [illegible] vehicles] [illegible] pogr. i [illegible]. Moskva, Voen. izd-vo Ministerstva oborony SSSR, 1960. 10 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Additions, explanations, and corrections to standard district rates for building [illegible]] [illegible]. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
[illegible], 1960. 475 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Cost manual for the assembling of equipment] TSennik na montazh oborudovaniia. Ser. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 35. [Equipment of elevators, mills, groats, mixed feed, and corn processing plants] Oborudovanie elevatorov, mel'nits, krupiaznykh, kombikormovykh i kukuruzoobrabatyvaiushchikh zavodov. 1960. 51 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for conducting [illegible] in winter, SN 50-59] Instruktsiia po [illegible] v zimnee vremia, SN 50-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 62 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for deep stabilizing [illegible] (loess) soils using [illegible] constructing foundations of buildings and structures] Instruktsiia po [illegible] SN 21-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 35 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po [illegible]. [New paper mill equipment in Finland] [illegible] Moskva, TSentr. biuro tekhn. informatsii [illegible], 1959. 47 p.

[illegible]SSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms (SN 81-60) for the electric lighting of construction and assembling operations] Normy elektricheskogo osveshcheniia stroitel'nykh i montazhnykh rabot SN 81-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. [illegible] p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list manual for the assemblage of equipment] TSennik na montazh oborudovaniia. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.
No. 25. [Equipment of the enterprises of the woodpulp and paper industry] Oborudovanie predpriiatii tselliulozno-bumazhnoi promyshlennosti. 1960. 107 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications for determining ice loads on river structures, SN 76-59] Tekhnicheskie uslovila opredeleniia ledovykh nagruzok na rechnye sooruzheniia SN 76-59. Moskva, Gos. Izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 13 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 147-58 for testing double microscopes] Instruktsiia 147-58 po poverke dvoinykh mikroskopov. Izd. ofitsial'noe. Moskva, 1959. 26 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 242-57 for testing tachometers, speedometers, and revolution counters] Instruktsiia 242-57 po poverke takhometrov, spidometrov i schetchikov oborotov. Izd. ofitsial'noe. Moskva, 1959. 37 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Regulations on railroad signaling in the U.S.S.R.] Instruktsiia po signalizatsii na zheleznykh dorogakh Soiuza SSR. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 172 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Articles made of glass fibers] Izdeliia iz steklianogo volokna. Izd. ofitsial'noe. Moskva, 1959. 30 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Astrakhan and karakul raw pelts] Karakul' vo smushkovoe syr'e. Izd. ofitsial'noe. Moskva, 1960. 54 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Bread and baked products] Khleb i khlebnye izdeliia. Izd. ofitsial'noe. Moskva, 1959. 151 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Canvas jackets and trousers] Kurtka i briuki rabochie brezentovye. Izd. ofitsial'noe. Moskva, 1959. 34 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Cast iron and secondary ferrous metals] Chugunny i vtorichnye chernye metally. Izd. ofitsial'noe. Moskva, 1959. 157 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ceramic acid resistant goods] Izdeliia keramicheskie kislotoupornye. Izd. ofitsial'noe. Moskva, 1959. 143 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Confectionery products testing methods] Konditerskie izdeliia, metody ispytanii. Izd. ofitsial'noe. Moskva, 1959. 64 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Electric equipment for tractors and motor vehicles] Avtotraktornoe elektrotekhnicheskoe oborudovanie. Izd. ofitsial'noe. Moskva, 1959. 176 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Fastening parts of machine tools] Detali krepleniia izdelii na stankakh. Izd. ofitsial'noe. Moskva, 1959. 44 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Fibers] Voloknistye kul'tury. Izd. ofitsial'noe. Moskva, 1959. 70 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Flanges of fittings, connecting parts and pipes] Flantsy armatury, soedinitel'nykh chastei i truboprovodov. Izd. ofitsial'noe. Moskva, 1959. 80 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Haberdashery; net material] Galantereinye izdeliia tiul'. Izd. ofitsial'noe. Moskva, 1959. 39 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Index to state standards in 1960, as of Jan. 1, 1960. Official edition] Ukazatel' gosudarstvennykh standartov 1960, po sostoianiiu na 1/I 1960 g. Izd. ofitsial'noe. Moskva, 1960. 520 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Metal-cutting tools; tool steel, general standards for the machinery industry, fastenings of metal-cutting tools] Rezhushchii instrument; instrumental'nye stali, obshchie standarty mashinostroeniia, elementy krepleniia rezhushchego instrumenta. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov. (Gosudarstvennye standarty SSSR)
No. 1. 1960. 300 p.

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Parts of machine-tool attachments] Detali stanochnykh prisposoblenii. Izd. ofitsial'noe. Moskva, 1959. 45 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Tea and coffee] Chai i kofe. Izd. ofitsial'noe. Moskva, 1959. 63 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Tolerances and fits; official edition] Dopuski i posadki; Izd. ofitsial'noe. Moskva, 1960. 110 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Window and door fittings] Pribory dlia okon i dverei. Izd. ofitsial'noe. Moskva, 1960. 63 p. (Gosudarstvennye standarty SSSR)

RUSSIA (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Wire nails] Gvozdi provolochnye. Izd. ofitsial'noe. Moskva, 1959. 39 p. (Gosudarstvennye standarty SSSR)

[RUSSIAN CHINESE ROAD CONSTRUCTION DICTIONARY] Russko-kitaiskii slovar' po dorozhnomu stroitel'stvu. Peking, [1959] 534 p.

RYBKIN, P. A., and A. A. USOV. [Gear pumps for machine tools] Shesterennye nasosy dlia metallorezhushchikh stankov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 186 p.

RYSS, M. A., and IA. N. KHODOROVSKII. [Production of ferroalloys] Proizvodstvo ferrosplavov; uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 303 p.

SADYKOVA, N. [Stalin textile plant in Tashkent; an historical account] Tashkentskii tekstil'nyi kombinat im. Stalina, istoricheskii ocherk. Tashkent, Akad. nauk UzSSR. Muzei istorii, 1959. 86 p.
(MIR)

SAKHANOVICH, V. F. [Correcting defects in steel castings by welding] Ispravlenie defektov stal'nogo lit'ia zavarkoi, iz opyta ChTZ. Pod red. P. N. Berezkina. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 78 p.

SAKUN, I. A. [Screw compressors] Vintovye kompressory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 359 p.

SAMSONOV, N. N., I. E. BELOKOPYTOV, and V. S. VARENTSOV, eds. [Reference book on peat] Spravochnik po torfu. Moskva, Gos. energ. izd-vo, 1954. 728 p.

SHEMAKHANOV, M. M. [Heating of mine shafts] Otoplenie shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 204 p.

SHEPELEV, A. M. [Plastering] Shtukaturnye raboty. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 416 p.

SHERENTSIS, A. A., A. I. BRUSILOVSKII, and O. S. CHEFRANOVA. [Design of multistoried apartment houses] Konstruktivnye skhemy mnogoetazhnykh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 117 p.
[MICROFILM]

SHESTOPALOV, K. S. [Bench and fitting work and maintenance and motor vehicles] Slesarno-montazhnye raboty i tekhnicheskoe obsluzhivanie avtomobilia. Moskva, Izd-vo DOSAAF, 1960. 237 p.

SHISHKIN, N. F., and P. IA. DANILIN. [Superfast switching apparatus] Sverkhbystrodeistvuiushchii kommutatsionnyi apparat. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 34 p. (Novaia gornaia tekhnika)

SHLIAKIN, P. N. [Steam turbines] Parovye turbiny. Izd. 3., ispr. i dop. Moskva, Gos. energ. izd-vo, 1960. 255 p., diagr.

SHNITSER, L. M. [Principles of the theory and capacity of electric transformers] Osnovy teorii i nagruzochnaia sposobnost' transformatorov. Izd. 5., perer. Moskva, Gos. energ. izd-vo, 1959. 230 p. (Transformatory, no. 1)

SHOR, I. V. [Electric power plants for motion-picture projection] Kinoelektrostantsii, uchebnoe posobie dlia uchashchikhsia kinotekhnikumov. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 372 p.

SHTAERMAN, I. L., and SH. V. BURCHULADZE. [Concrete made with local materials] Beton na mestnom materiale. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo" 1959. 30 p. [In Georgian.]

SHTEINBOK, N. I. [Using radioactive radiation in measuring equipment] Primenenie radioaktivnykh izluchenii v izmeritel'noi tekhnike. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 207 p.

SHTEINBUK, SH. E. [Gas cutter] Rabochii-gazorezchik. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 151 p.

SHVETS, G. I., and others, comps. [Russian-Ukrainian hydraulic-engineering dictionary; 13 000 terms] Russko-ukrainskii gidrotekhnicheskii slovar'. 13 000 terminov. Kiev, Izd-vo Akad. nauk USSR, 1960. xiv, 102 p.

SINKING, HEADING AND DRIFTING MACHINERY. [Leningrad] Ugletekhizdat, 1958. 70 p. (V pomoshch' izuchaiushchim angliiskii iazyk) [Text in English, preface in Russian, with vocabulary.]

SKABALLANOVICH, I. A. [Hydrogeological calculations on the dynamics of ground waters] Gidrogeologicheskie raschety po dinamike podzemnykh vod. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 404 p.

SLOBODIANNIKOV, S. S. [Increasing the wear resistance of machine parts] Povyshenie stoikosti detalei mashin. [Moskva] Mosk. rabochii, 1960. 91 p.

SNITKO, N. K. [Dynamics of structures] Dinamika sooruzhenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 355 p.

SOIUZ RABOCHIKH METALLURGICHESKOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Safety regulation in the open-hearth process] Pravila bezopasnosti v martenovskom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 127 p.

SOIUZ RABOCHIKH METALLURGICHESKOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Safety regulations in rolling-mill practice] Pravila bezopasnosti v prokatnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 112 p.

SOIUZ RABOCHIKH METALLURGICHESKOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Safety regulations in the blast furnace process] Pravila bezopasnosti v domennom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 67 p.

SOIUZ RABOCHIKH METALLURGICHESKOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Safety regulations in the production of ferroalloys] Pravila bezopasnosti v ferrosplavnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 34 p.

SOIUZ RABOCHIKH METALLURGICHESKOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Safety rules in the refractories industry] Pravila bezopasnosti v ogneupornom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 50 p.

SOIUZ RABOCHIKH UGOL'NOI PROMYSHLENNOSTI SSSR. TSentral'nyi komitet. [Handbook on work safety in coal mining] Spravochnik po okhrane truda v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 303 p.

SOKOLOV, E. IA., and N. M. ZINGER. [Jet apparatus] Struinye apparaty. Moskva, Gos. energ. izd-vo, 1960. 207 p.

SOKOLOV, V. A. [Methods of analyzing gases] Metody analiza gazov. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1958. 374 p.
(NN)

SOKOLOV, V. B. [Flaw detection without rupture of parts] Kontrol' bez razrusheniia detalei. [Moskva] Mosk. rabochii, 1960. 94 p.

SOKOLOV, V. V. [Urban telephone lines] Linii gorodskikh telefonnykh setei. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 303 p.

[SOLID REAMERS FOR LIGHT ALLOYS] Razvertki mashinnye dlia legkikh splavov tsel'nye. Moskva, Gos. izd-vo standartov, 1959. 20 p. (Normali mashinostroeniia SSSR)

SOLODUKHO, IA. IU. [Automatic control of electric drives of continuous hot rolling mills] Avtomatika elektroprivodov nepreryvnykh stanov goriachei prokatki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 110 p.

SOLONIN, I. S. [Mathematical statistics in the technology of the manufacture of machinery] Matematicheskaia statistika v tekhnologii mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 174 p.

SOROKIN, M. A. [Designing and building apartment houses and public buildings in foreign countries] Praktika proektirovaniia i stroitel'stva zhilykh i grazhdanskikh zdanii za rubezhom. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 106 p.

SOVESHCHANIE PO TEORII INVARIANTNOSTI I EE PRIMENENIIU V AVTOMATICHESKIKH USTROISTVAKH, Kiev, 1958. [Invariancy theory and its application to automatic devices] Teoriia invariantnosti i ee primenenie v avtomaticheskikh ustroistvakh, trudy soveshchaniia. Moskva, Akad. nauk SSSR, Otd-nie tekhn. nauk, 1959. 381 p.

STASIV, M. IU. [Petroleum, gas, and ozocerites in the Carpathian Mountain region] Nafta, gaz i ozokeryt Prykarpattia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 64 p.

STEPANIAN, M. A. [For the buyer of a television set] Pokupateliu o televizorakh. Pod red. L. D. Fel'dman. Moskva, Gos. izd-vo torg. lit-ry, 1960. 84 p.

STREJC, VLADIMIR, MILAN BALDA, and MIROSLAV KRAMPERA. [Use of automatic control in industry] Primenenie avtomaticheskogo regulirovaniia v promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 320 p.

SUBBOTINA, E. P. [Laboratory methods for studying transistor devices] Laboratornye metody izucheniia poluprovodnikovykh priborov. [Leningrad] Izd-vo Leningr. univ., 1960. 132 p.

SULAKVELIDZE, T. P. [Georgian cookery] Gruzinskie bliuda. Tbilisi, Izd-vo M-va torgovli Gruz. SSR, 1959. 291 p.

SURAZHSKII, D. IA. [Methods of prospecting and exploration of uranium deposits] Metody poiskov i razvedki mestorozhdenii urana. Pod red. V. I. Smirnova. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 240 p.

SURMILO, G. V., D. M. KIRZHNER, and M. A. MENKOVSKII. [Chemical industry and mining] Khimicheskaia i gornaia promyshlennost'. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 76 p.

SVETLOV, A. A. [Prestressed reinforced concrete ties] Predvaritel'no napriazhennye zhelezobetonnye shpaly. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 106 p.

SYSOEV, V. I. [Metal cutting, machine tools, and metal-cutting tools] Rezanie metallov, stanki i instrument. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 470 p.

TALAAT, M. E. [New approach to the calculation of synchronous machines. Translated from the English. Preface by I. I. Talalov] Novyi podkhod k opredeleniiu induktivnykh soprotivlenii sinkhronnoi mashiny. Moskva, Gos. energ. izd-vo, 1959. 95 p. (Energetika za rubezhom)

TARASOV, V. M. [Antifriction bearings used in sawmill and woodworking equipment; handbook] Podshipniki kacheniia lesopil'nogo i derevoobrabatyvaiushchego oborudovaniia; spravochnik. Moskva, Goslesbumizdat, 1959. 110 p.

TATISHCHEV, S. V., and IU. P. SOLOV'EV. [Designing of medium size and large industrial steam power plants] Proektirovanie promyshlennykh parovykh energoustanovok srednei i krupnoi moshchnosti. Moskva, Gos. energ. izd-vo, 1959. 143 p.

TEKHNICHESKAIA KONTORA "GLAVTIAZHMASHZAPCHAST'." [Catalog of spare parts for the E-652 excavator] Katalog zapasnykh chastei ekskavatora E-652. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 111 p.

TEMNIKOV, F. E. [Automatic recording instruments] Avtomaticheskie registriruiushchie pribory. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 472 p.

TERENT'EV, G. A., and IU. A. SHUVALOV. [Automation of technological processes of machining and assembling in the manufacture of machinery] Avtomatizatsiia tekhnologicheskikh protsessov mekhanicheskoi obrabotki i sborki v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 130 p.

[THEORY OF FOUNDRY PROCESSES] Voprosy teorii liteinykh protsessov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 294 p.

TIKHONOV, N. V. [Mining machinery] Gornaia mekhanika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 314 p.

TIMOFEEV, P. V. [Lubricating and cooling fluids used in metal cutting] Smazochno-okhlazhdaiushchie zhidkosti, primeniaemye pri rezanii metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 114 p.

TSEGEL'SKII, V. I. [Electric welder] Elektrosvarshchik. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 341 p.

TSUKANOV, V. P. [Leading metallurgists of the Moscow area] Peredovye metallurgi Podmoskov'ia. [Moskva] Mosk. rabochii, 1960. 57 p.

TUCHINSKII, N. V., G. A. LAVROV, and N. P. ZAITSEV. [Technology of printing machinery manufacture] Tekhnologiia poligraficheskogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 376 p.

TUL'CHINSKII, E. M. [Design and assembly of plant and shop equipment for processing hybrid and high grade corn seeds] Konstruktsii i raschety oborudovaniia zavodov i tsekhov po obrabotke gibridnykh i sortovykh semian kukuruzy. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 231 p.

TUPITSYN, P. S. [Determining technical state of the cylinder piston group of automobile carburetor engines] Metody opredeleniia tekhnicheskogo sostoianiia tsilindro-porshnevoi gruppy avtomobil'nykh karbiuratornykh dvigatelei. Moskva, Avtotransizdat, 1960. 37 p.

UKOLIK, N. F., and L. V. SARTASHEV. [Organization of auxiliary economy of flour mills] Organizatsiia vspomogatel'nogo khoziaistva mukomol'nykh predpriiatii. Moskva, Khleboizdat, 1959. 137 p.
(NNK)

UL'IANOVSKII AVTOMOBIL'NYI ZAVOD. [Catalog of spare parts for the UAZ-69, UAZ-69A, UAZ-450, UAZ-450A, and UAZ-450D motortrucks] Katalog zapasnykh chastei avtomobilei UAZ-69, UAZ-69A, UAZ-450, UAZ-450A i UAZ-450D. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 366 p.

...SAL ENERGY; collection of stories on electri... [illegible] Universal'naia energiia, sbornik rasskazov [illegible] Moskva, Gos. izd-vo detskoi lit-ry [illegible] RSFSR, 1959. 101 p.

...OF BOILER SYSTEMS. Translated from the Ger... [illegible] ekspluatatsii kotel'nykh ustanovok. Pod red. [illegible] Moskva, Gos. energ. izd-vo, 1959. [illegible]

...NKO, M. S. [Planning of general schemes for city [illegible]] Proektirovanie general'nykh skhem [illegible] gorodov. Moskva, Izd-vo M-va kommun... [illegible] RSFSR, 1960. 142 p.

...N, P. M. Mykola Vasyl'ovych Kornoukhov. Kyiv, [illegible] Akad. nauk URSR, 1959. 20 p. (Seriia "Vcheni [illegible]")

... M. A. [Using industrial methods in producing [illegible]] [illegible] industrializatsiia proizvodstva stroitel'nykh [illegible] Leningrad, Gos. izd-vo lit-ry po stroit., [illegible] materialam, 1960. 80 p.

...NOV, D. P. [Development of facilities for auto [illegible] transportation in 1959-1965] Razvitie avtomo... [illegible] transportnykh sredstv v 1959-1965 gg. Mo... [illegible] Izd-vo M-va avtomobil'nogo [illegible] dorog RSFSR, 1960. 73 p.

..., M. G., V. P. GRZHIBOVSKII, and D. I. KARPOV. [illegible] Kiev, Gos. izd-vo lit-ry po stroit., [illegible] 1960. [illegible]

..., IU. A., and G. A. ZDANOVICH. [illegible] 1959. 178 p.

..., F. S. [Designing foundations; industrial, [illegible] and public building construction] [illegible] Izd. 2., perer. i dop. Minsk, [illegible] Akad. nauk BSSR, 1960. 209 p.

..., A. A. [Operators of machines and mechanisms [illegible] haulage] [illegible] Mo... [illegible] 1959. 210 p.

..., N. F., N. P. GURIANOV, and I. N. [illegible] [High pressure equipment with an airtight [illegible]] Apparatura vysokogo davleniia s germetichnym [illegible] Izd. 2., ispr. i dop. Moskva, Gos. [illegible] izd-vo mashinostroit. lit-ry, 1960. 319 p.

... [illegible] [illegible] of high molecular weight [illegible] Moskva, [illegible] 1960. 1?? p.

..., A. P., and G. N. [illegible] [Instruments [illegible] construction [illegible]] [illegible] Moskva, [illegible] 1959. 41 p.

..., N. P. [Earthmoving machinery] Mashiny dlia [illegible] Izd. [illegible] Moskva, [illegible] izd-vo [illegible] lit-ry, 1960. [illegible]

..., M. I., and others. [Road materials] [illegible] Izd. 2., perer. Moskva, [illegible] izd-vo M-va avtomobil'nogo transporta [illegible] RSFSR, 1960. 351 p.

..., N. S. [Statistical theory of the strength of [illegible]] Statisticheskaia teoriia prochnosti [illegible] Mo... [illegible] izd-vo [illegible] lit-ry, [illegible]

..., V. I., and I. S. FILIPPOV. [Advance of [illegible] in operating [illegible]] Peredovoi opyt [illegible] Khar'kov, [illegible] izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 112 p. (Peredovye metody truda)

..., V. N., A. M. TROFIMOV, and M. N. [illegible], eds. [Engineering handbook on the [illegible] of road transportation in three volumes] [illegible] Moskva, Izd-vo M-va [illegible] RSFSR.

Vol. 2. [illegible] transportation; Travel. Ov... [illegible] 1960. 565 p.

VOLODIN, P. A., and others. [New districts of Moscow] Novye raiony Moskvy. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 204 p. (Opyt novatorskoi arkhitektury)

VOSTRIKOV, S. I., and others. [Theory of airplane engines] Teoriia aviatsionnykh dvigatelei. Pod red. I. V. Kotliara. Moskva, Voen. izd-vo M-va obor. SSSR.

Pt. 3. [Theory of jet engines] Teoriia reaktivnykh dvigatelei. 1960. 281 p.

VOVCHENKO, I. A. [Repair of track and building machinery] Remont putevykh i stroitel'nykh mashin. Moskva, Gos. transp. zhel-dor. izd-vo, 1960. 370 p.

VRUBEL'SKII, A. V., and others. [Electrical engineering; textbook for enlisted men] Elektrotekhnika; uchebnik dlia soldat i serzhantov. Izd. 3., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 359 p.

VSESOIUZNOE OB''EDINENNOE SOVESHCHANIE PO AVTOMATIZATSII PROIZVODSTVENNYKH PROTSESSOV V MASHINOSTROENII I AVTOMATIZIROVANNOMU ELEKTROPRIVODU V PROMYSHLENNOSTI. 3d, Moscow, 1959. [Electric driving and automatic control of industrial systems; transactions] Elektroprivod i avtomatizatsiia promyshlennykh ustanovok; trudy. Pod obshchei red. L. I. Petrova, A. A. Bulgakova i M. G. Chilikina. Moskva, Gos. energ. izd-vo, 1960. 470 p.

VSESOIUZNOE SOVESHCHANIE PO OSNOVNYM PROBLEMAM TEORII MASHIN I MEKHANIZMOV. 2d, Moscow, 1958. [The theory of automatic machines and the theory of precision in the manufacture of machinery and instruments] Teoriia mashin avtomaticheskogo deistviia i teoriia tochnosti v mashinostroenii i priborostroenii; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 318 p. (Its Trudy)

VSESOIUZNOE SOVESHCHANIE PO STROITEL'STVU. 3d, Moscow, 1958. [Third All-Union Conference on Construction. Section devoted to farm building] Sektsiia sel'skokhoziaistvennogo stroitel'stva. Moskva, Gos. izd-vo lit-ry po stroitel'stvu, arkhitekture i stroitel'nym materialam, 1958. 374 p. (DA)

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SINTETICHESKOGO KAUCHUKA IM. S. V. LEBEDEVA. [Methods for the analysis of products obtained in the manufacture of synthetic rubber] Metody analiza produktov proizvodstva sinteticheskogo kauchuka. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 121 p.

VYDRIN, V. N. [Dynamics of rolling mills] Dinamika prokatnykh stanov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 255 p.

WELTZIEN, W., and H. HALSCHEID. [Silicones and their use in finishing textile products. Translated from the German by A. A. Rogovina] Silikony i ikh primenenie v otdelke tekstil'nykh izdelii. Pod red. D. M. [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1958. 89 p.

[YOU KNOW THE VALUE OF LOVE, repertory collection] [illegible] repertuarnyi sbornik. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 211 p.

[YOUTH [illegible]] Podruga. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 461 p.

ZAKHAROV, A. I. [Benefits of production mechanization] Chto daet mekhanizatsiia proizvodstva. [Leningrad] Lenizdat, 1960. 50 p. (Moskva i Leningrad sorevnuiutsia)

ZAVOZIN, L. F. [Mine hoisting machinery] Shakhtnye pod'emnye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 357 p.

ZEMLIAK, K. P., and P. I. KUCHMARENKO. [Manual for the construction foreman] Pamiatka brigadira stroitelia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 119 p.

ZHUKOVSKII, A. D. [Potentialities for the increase of the production of precast reinforced concrete, technical and economic analysis] Rezervy promyshlennosti sbornogo zhelezobetona; tekhniko-ekonomicheskii analiz. Moskva, Gosplanizdat, 1960. 271 p.

ZIMIN, A. P., and A. V. KONATOV. [Inspecting engineer; textbook for inspectors of mechanical shops] Kontroler mashinostroitel', posobie dlia kontrolerov mekhanicheskikh tsekhov. Izd. 4., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 327 p.

[MICROFILM]

ZNACHKO-IAVORSKII, I. L. [E. G. Chellev, inventor of the artificial Roman cement] E. G. Chellev - izobretatel' iskusstvennogo romantsementa. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 18 p.

ZOLOTAREV, T. L., and E. O. SHTEINGAUZ. [Power engineering and electrification of the U.S.S.R. in the seven year plan, from the materials of the 21st Congress of the CPSU] Energetika i elektrifikatsiia SSSR v semiletke, po materialam XXI s''ezda KPSS. Moskva, Gos. energ. izd-vo, 1960. 202 p.

ZVENIGORODSKII, I. G. [Remote control communication channels] Kanaly sviazi dlia telemekhaniki. Moskva, Gos. energ. izd-vo, 1960. 151 p.

17. MILITARY & NAVAL SCIENCES

AGAPOV, P., and A. BERLIAND. [Your work is honorable, soldier; instilling love for one's occupation] Tvoia sluzhba, voin, pochetna; iz opyta vospitaniia u voinov liubvi k svoei spetsial'nosti. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 59 p.

ALEKSANDROVSKII, IU. V., and IU. V. RAZUMOV. [Measurement of heat processes in marine steam power plants] Teplotekhnicheskie izmereniia v sudovykh paroturbinnykh ustanovkakh; spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 385 p.

[ANTIAIRCRAFT FIRE. Effectiveness of antiaircraft fire. Translated from the French. Computing the trajectories of guided missiles. Translated from the German. Preface by I. Foropov] Voprosy zenitnoi strel'by. Effektivnost' zenitnoi strel'by by M. P. Matte, Raschety traektorii reaktivnykh snariadov, upravliaemykh po luchu by L. [illegible] Roth. Moskva, Izd-vo inostr. lit-ry, 1959. 201 p.

ARPATOV, IU. K. [Auxiliary marine mechanisms] Sudovye vspomogatel'nye mekhanizmy. Pod obshchei red. I. I. Krakovskogo. Moskva, Izd-vo "Rechnoi transport," 1959. 378 p.

BOGDANOV, L. A. [Marine navigation charts; manual for merchant ship handling] Morskie navigatsionnye karty; posobie dlia sudovoditelei morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1960. 147 p.

CHECHNEVSKII, G. A. [The Moscow Guard Fighter Regiment; combat history of the 6th Moscow Guard Air Fighter Regiment in the Great Patriotic War] Moskovskii gvardeiskii istrebitel'nyi; boevoi put' 6-go Moskovskogo gvardeiskogo istrebitel'nogo ordena Lenina i ordena Suvorova II stepeni Krasnoznamennogo aviatsionnogo polka v Velikoi Otechestvennoi voine. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 313 p.

[COMMUNIST ETHICS AND MILITARY DUTY; list of articles] Kommunisticheskaia moral' i voinskii dolg; sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 109 p.

DROZDOV, O. A., and K. V. POSTNIKOV. [Operation of "Khasan" type vessels] Opyt ekspluatatsii sudov tipa "Khasan." Moskva, Izd-vo "Morskoi transport," 1960. 79 p. (Biblioteka po obmenu opytom na morskom transporte)

DUSHEN'KIN, V. V. [From private to field marshal] Ot soldata do marshala; zhizn' i boevoi put' Marshala Sovetskogo Soiuza V. K. Bliukhera. Moskva, Gos. izd-vo polit. lit-ry, 1960. 139 p.

EGOROV, P. T. [Rocket armament] Reaktivnoe oruzhie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 324 p. (Biblioteka ofitsera)

GALKOVSKAIA, M. G., and others, comps. [River navigator's manual] Spravochnik shturmana rechnogo flota. Pod obshchei red. A. A. Butuzova. Moskva, Izd-vo "Rechnoi transport," 1960. 631 p.

GONCHARENKO, M. N. [Cybernetics in military science] Kibernetika v voennom dele. Moskva, Izd-vo DOSAAF 1960. 174 p.

GRINSHIN, D. M. [V. I. Lenin's military activities] Voennaia deiatel'nost' V. I. Lenina. Izd. 2., dop. Moskva, Voen. izd-vo, 1960. 691 p.
(CU)

IURCHENKO, IA. IA. [Discipline training for Soviet soldiers] Vospitanie distsiplinirovannosti u sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 174 p.

KALASHNIKOV, A. [The most important thing in life is serving your country honorably] Glavnoe v zhizni - chestno sluzhit' otchizne. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 53 p. (V pomoshch' propagandistu i agitatoru)

KOSIUKOV, A. A. [Military pedagogical viewpoint of M. V. Frunze] Voenno-pedagogicheskie vzgliady, M. V. Frunze Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 173 p.

KUKHARENKO, G. IA. [Sailing to the Antarctic to join a whaler fleet] Plavanie v Antarktiku k kitoboinoi flotilii. Moskva, Izd-vo "Morskoi transport," 1960. 26 p.

LI CHING. [Squadron commander's wingman. Translated from the Chinese] Vedomy komandira eskadril'i. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 108 p.

LOMAZOV, L. I. [Those are the kind that are liked, sketches about the activists of the defense society] Takikh v narode liubiat; ocherki ob aktivistakh oboronnogo Obshchestva. Moskva, Izd-vo DOSAAF, 1959. 77 p.

LUKIN, G. IA. [Steam turbines on modern seagoing vessels; an atlas] Parovye turbiny sovremennykh morskikh sudov, atlas. Moskva, Izd-vo "Morskoi transport," 1960. 64 p.

——— ——— [Description to the atlas] Opisanie k atlasu. 94 p.

MAGID, A. S. [The Taman Aviation Guard Regiment] Gvardeiskii Tamanskii aviatsionnyi polk. Izd. 3., dop. i perer. Moskva, Izd-vo DOSAAF, 1960. 287 p.

MAKRIDIN, A. V., and A. A. SHPAKOVSKII. [Communist Youth League organization and soldiers' off duty hours] Komsomol'skaia organizatsiia i dosug voinov. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 83 p. (Bibliotechka komsomol'skogo aktivista)

MANOKHIN, V. N. [Television in military operations] Televidenie v voennykh tseliakh. Moskva, Izd-vo DOSAAF, 1960. 91 p.

OSGOOD, ROBERT ENDICOTT. [Limited war. Translated from the English. Preface by V. V. Mochalov] Ogranichennaia voina. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 383 p.

RUSSIA (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Flanges on marine pipelines] Flantsy sudovykh truboprovodov. Izd. ofitsial'noe. Moskva, 1959. 96 p. (Gosudarstvennye standarty SSSR)

SEMENOV, V. A. [Brief survey of the development of the Soviet operational skill] Kratkii ocherk razvitiia soveskogo operativnogo iskusstva. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 298 p.

[THE SERGEANT AND HIS MEN] Serzhant i ego podchinennye. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 92 p. (Biblioteka serzhanta)

TOLOCHKOV, A. A. [Theory of gun mounts for artillery units] Teoriia lafetov artilleriiskikh ustanovok. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 344 p.

VORONIN, S. P., and V. A. KOROL'KOV. [Firing air rifles] Strel'ba iz pnevmaticheskikh vintovok. Moskva, Izd-vo DOSAAF, 1960. 100 p.

VOVCHENKO, P. G., and A. E. ZUBKOV. [A brief course in meteorology and oceanography for ship navigators] Kratkii kurs meteorologii i okeanografii dlia sudovoditelei. Moskva, Izd-vo "Morskoi transport," 1960. 359 p.

ZUBKIN, A. S. [What decontamination and degassing is] Chto takoe dezaktivatsiia i degazatsiia. Moskva, Izd-vo DOSAAF, 1960. 55 p.

[MICROFILM]

ZVONKOV, V. V., and L. I. FOMKINSKII. [Ship tractive and propulsive speed calculations; a proposed guide] Sudovye tiagovye i skorostnye raschety; proekt rukovodstva. Moskva, Izd-vo "Rechnoi transport," 1959. 213 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation For publishers of such translated periodicals, their subscription prices, etc, see listing at end of this issue

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1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences]. Erivan, nos. 1-4, Jan.-Apr. 1960.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 24, nos. 3-4, Mar.-Apr. 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia ekonomiki, filosofii i prava [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Series in Economics, Philosophy, and Law]. Alma-Ata, no. 1(12), 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol. 16, nos. 4(181)-6(183), Apr.-June 1960.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 30, no. 7, July 1960.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Branch. Bulletin]. Novosibirsk, nos. 1, 5, 1960.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE UZDEK S. S. R. Bulletin. Series in the Social Sciences]. Tashkent, no. 3, 1960.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [ACADEMY OF SICENCES OF THE WHITE RUSSIAN S. S. R. Bulletin. Series in the Social Sciences]. Minsk, no. 2, 1960. [In White Russian.]

BELARUSKI ZBORNIK [WHITE RUSSIAN REVIEW]. Issued by Institut zur Erforschung der UdSSR [Institute for the Study of the U. S. S. R.]. Munich, vol. 11, 1959. [In White Russian.]

FRUNZE. UNIVERSITET. Nauchnoe studencheskoe obshchestvo. Sbornik nauchnykh rabot studentov [UNIVERSITY. Student Scholarly Society. Collected Student Papers]. No. 2, 1959.

GORKIY. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 51, 1959.

KHARKOV. DERZHAVNYI BIBLIOTECHNYI INSTYTUT. Ucheni zapysky [STATE LIBRARY INSTITUTE. Studies]. No. 4, 1959. [In Ukrainian.]

LENINGRAD GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. A. I. GERTSENA. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Scientific Records]. Vols. 162, pt. 2, 171, 210, 1959; vol. 220, 1960.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Scientific Records] No. 280, 1960: Seriia matematicheskikh nauk [Series in the Mathematical Sciences], no. 35; no. 291, 1960: Seriia geologicheskikh nauk [Series in the Geological Sciences], no. 11; no. 293, 1960: Seriia geograficheskikh nauk [Series in the Geographical Sciences], no. 14.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review]. Vol. 15, no. 13, 1960; Seriia matematiki, mekhaniki i astronomii [Series in Mathematics, Mechanics, and Astronomy], no. 3; vol. 15, no. 14, 1960: Seriia istorii, iazyka i literatury [Series in History, Language, and Literature], no. 3. [With summaries in English.]

MOSCOW. UNIVERSITET. Vestnik. Seriia ekonomiki, filosofii, prava [UNIVERSITY. Review. Series in Economics, Philosophy, and Law]. Vol. 11, no. 2, 1956.

NOVYE KNIGI ZA RUBEZHOM. Seriia V. Biologiia, meditsina, sel'skoe khoziaistvo [NEW BOOKS ABROAD. Series V Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, nos. 6-7, June-July 1960.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955-1958. Informatsionnyi biulleten' [SOVIET ANTARCTIC EXPEDITION, 1955-1958. Information Bulletin]. Leningrad, no. 18, 1960.

TASHKENT. UNIVERSITET. Trudy Sredneaziatskogo gosudarstvennogo universiteta [UNIVERSITY. Transactions of the Central Asia State University]. No. 148, 1959.

UKRAINS'KA VIL'NA AKADEMIIA NAUK. Seriia: Ukrains'ki vcheni [UKRAINIAN FREE ACADEMY OF SCIENCES. Series: Ukrainian Scholars]. Winnipeg, no. 8/9, 1959/1960. [In Ukrainian.]

b. POPULAR MAGAZINES

AMERIKA; illiustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., no. 48, [1960]

BARVINOK [PERIWINKLE] Issued by TSentral'nyi komitet lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth of Lenin]. Kiev, no. 12, Dec. 1952; no. 8, Aug. 1960. [In Ukrainian.]

BELARUS' [WHITE RUSSIA]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 17, nos. 5(190), 7(192)-8(193), May, July-Aug. 1960. [In White Russian.]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi [Central Committee of the White Russian Communist Youth League of Lenin]. Minsk, vol. 36, no. 8, Aug. 1960. [In White Russian.]

GDR; informatsiia i illiustratsii [GDR; Information and Illustrations]. Issued by Obshchestvo kul'turnykh sviazei s zagranitsei [Society for Cultural Relations With Foreign Countries]. Berlin, nos. 1-6, 1960

KITAI [CHINA]. Published by "Narodnoe iskusstvo" ["People's Art"]. Peiping, nos. 11-14, June-July 1960.

KROKODIL [CROCODILE]. Issued by gazeta [newspaper] "Pravda." Moscow, no. 22(1600), Aug. 1960.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Vsesoiuznoe obshchestvo kul'turnoi sviazi s zagranitsei [All-Union Society for Cultural Relations with Foreign Countries]. Moscow, vol. 4, nos. 6-7, 1960.

LUCH. LOOCH [RAY]. Iselin, N. J., no. 1, June 1960.

MURZILKA [TINY TOT]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 9, Sep. 1960.

MUSHTUM [PUNCH]. Tashkent, vol 38, nos. 15(585)-16(586), Aug. 1960. [In Uzbek.]

NOVAIA KOREIA [NEW KOREA]. Izd-vo [Publishing House] "Novaia Koreia." Pyongyang, nos. 3-7, 94-95, 1958; no. 111, 1959, no. 128, 1960.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by Koreiskoe obshchestvo kul'turnoi sviazi s zagranitsei [Korean Society for Cultural Relations With Foreign Countries]. [Pyongyang?], nos. 2-3, 10, Jan.-Feb. May 1958.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 38, nos. 22(1719)-33(1730), May-Aug. 1960.

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Organ of Moskovskii komitet and Moskovskii gorodskoi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Moscow Committee and Moscow City Committee of the Communist Party of the Soviet Union]. Moscow, nos. 112-116, 1960

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina " Kiev, vol. 20, nos 15(434)-16(435), Aug. 1960. [In Ukrainian]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, vol. 37, no 8(441), Aug. 1960. [In Ukrainian.]

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda " Moscow, no. 8, Aug. 1960

RUSSKII V AVSTRALII. THE RUSSIAN IN AUSTRALIA. Published by the Russian Central Welfare Committee Sydney, vol. 10, no. 6(113), June 1960.

SAMOSTIINA UKRAINA. INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsii derzhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine]. Chicago, vol. 13, no. 8(139), Aug. 1960. [In Ukrainian.]

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, no. 7, July 1960. [In Moldavian.]

SOGLASIE [CONCORD]. Published by Russkoe soglasie [Russian Concord]. Los Angeles, Calif., no. 108, Sep. 1960.

SOTSIALISTYCHNA KUL'TURA [SOCIALIST CULTURE]. Organ of Ministerstvo kul'tury URSR [Ministry of Culture of the Ukrainian S. S. R.]. Kiev, vol. 13, nos. 6-7, June-July 1960. [In Ukrainian.]

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, nos. 1-2, 4-5, Jan.-Apr., July-Oct. 1958; vol. 5, no. 5(30), May 1960.

SOVREMENNYI VOSTOK [THE EAST TODAY]. Issued by Institut vostokovedeniia Akademii nauk SSSR [Institute of Oriental Studies of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1960. [With English summaries in insert.]

SUMIVETS'. Organ of Spilka ukrains'koi molodi Ameryky [Ukrainian American Youth Association]. New York, vol. 7, nos. 6(32)-7(33), Mar -Sep 1960. [In Ukrainian]

TOĊHIKISTON [TAJIKISTAN]. Stalinabad, vol. 5, no. 6, June 1960. [In Tajik.]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 11(266), 14(269)-15(270), June-Aug. 1960. [In Ukrainian.]

ŪZBEKISTON [UZBEKISTAN]. Tashkent, vol. 18, no. 6, June 1959. [Parallel texts in Uzbek and Russian.]

VOZHYK [HEDGEHOG]. Issued by TSentral'ny kamitet Komunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 20, nos 13(491)-14(492), July 1960 [In White Russian]

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. Published by Ukrains'ka Vydavnycha Spilka [Ukrainian Publishers, Ltd.]. London, vol 7(13), no 8(154), Aug 1960. [In Ukrainian]

ZHIZN' GLUKHIKH [LIFE OF THE DEAF] Issued by Vserossiiskoe obshchestvo glukhonemykh [All-Russian Society of Deaf-Mutes]. Moscow, vol. 13, no 8, Aug. 1960

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind] Moscow, vol 37, no 8, Aug. 1960

2. BIBLIOGRAPHY

a BIBLIOGRAPHY

CHTO CHITAT' [WHAT TO READ]. Issued by Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, vol. 3, no. 7, July 1960.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION] Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U S.S.R.]. Moscow, nos. 14-15, July-Aug 1960.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 29, 31-36, 1960, Vspomogatel'nye ukazateli [Index], Jan -Mar. 1960

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Published by Vsesoiuznai knizhnaia palata [All-Union Book Chamber]. Moscow, no. 7, 1960; Vspomogatel'nye ukazateli [Index], Apr -June 1960.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES] Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 30-33, 1960.

LITOPYS KNYH [BOOK CHRONICLE] Organ of Knyzhkova palata Ukrains'koi RSR [Book Chamber of the Ukrainian S.S.R.] Kharkov, vol. 37, no 6, June 1960 [In Ukrainian.]

MEZHDUNARODNAIA KNIGA. [Sovetskie knigi (novinki), katalog dlia zaiavok Soviet Books (New Publications); Order Catalog] Moscow, no. 16a, 1958

MOSCOW. PUBLICHNAIA BIBLIOTEKA Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical-Mathematical, Chemical and Geological-Geographical Sciences; Technology and Technological Sciences, Technological Catalogs of Foreign Firms] Nos 21-23, 1960

MOSCOW., PUBLICHNAIA BIBLIOTEKA Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2· Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2 Biological, Medical, and Agricultural Sciences]. Nos 21-23, 1960.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library Series 3: Social Sciences and Belles-Lettres]. Nos. 21-22, 1960.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERA TURE ON SCIENCE AND RESEARCH ABROAD] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII VENGRIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES. HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S.S.R.]. Moscow, no. 5, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU· BOLGARIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: BULGARIA] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S S R.]. Moscow, no. 5, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU CHEKHOSLOVAKIIA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: CZECHOSLOVAKIA]. Issued by Fundamen tal'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos 4-5, 1960.

NOVAIA LITERATURA PO EVROPEISKIM STRANAM NARODNOI DEMOKRATII I SLAVIANOVEDENIIU· POL'SHA [NEW LITERATURE ON EUROPEAN PEOPLE'S DEMOCRACIES AND SLAVIC STUDIES: POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 2-5, 1960.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S R.]. Moscow, no. 5, 1960.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 5, 1960.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 4-5, 1960.

NOVI KNYHY URSR [NEW BOOKS OF THE UKRAINIAN S.S.R]. Issued by Knyzhkova palata URSR [Book Chamber of the Ukrainian S.S.R.]. Kiev, no. 13, July 1960. [In Ukrainian.]

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 31-33, 34, Aug. 1960

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM; ekonomika, filosofiia, istoriia [NEW BOOKS ABROAD ON SOCIAL SCIENCES, Economics, Philosophy, History]. Issued by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 3, no. 7, July 1960.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 3(61), 1960.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A· Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]. Moscow, no. 4(32), 1956; no. 3(55), 1960.

SVODNYI BIULLETEN' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [UNION LIST of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]. Moscow, no. 3(43), 1960.

V POMOSHCH' CHITATELIU; annotirovannye spiski literatury [READER'S AIDS; an Annotated Bibliography]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [State Lenin Library of the U.S.S.R.]. Moscow, no.16, 1960.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 7, July 1960.

BIBLIOTEKI SSSR [LIBRARIES OF THE U.S.S.R.]. Issued by Gosudarstvennaia biblioteka SSSR imeni V.I. Lenina [Lenin State Library of the U.S.S.R]. Moscow, no.13, 1960.

c. PRINTING & THE BOOK TRADE

MOSCOW. ZAOCHNYI POLIGRAFICHESKII INSTITUT. Sbornik trudov [CORRESPONDENCE INSTITUTE OF PRINTING. Collected Works]. No. 6, 1958.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, nos. 5-6, May-June 1960.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie po rasprostraneniiu pechati Ministerstva sviazi SSSR [Main Administration for the Dissemination of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, no. 7, July 1960.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, 1960.

ROSTOV-ON-DON. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Kafedra filosofii. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Department of Philosophy. Studies]. No. 2(39), 1959.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 14, no. 7, 1960.

VOPROSY PSIKHOLOGII [PROBLEMS OF PSYCHOLOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 6, no. 2, Mar.-Apr. 1960.

b. RELIGION

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoiuznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 2, 1960.

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol. 39, no. 7/8, 1960.

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, no. 7, July 1960.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, nos. 5-6, May-June 1960.

PRAVOSLAVNAIA RUS', ORTHODOX RUSSIA. Published by the Holy Trinity Monastery, Jordanville, N.Y., vol. 31, nos. 15(704)-16(705), Aug. 1960.

PRAVOSLAVNAIA ZHIZN' ORTHODOX LIFE. Monthly supplement to "Pravoslavnaia Rus' " ["Orthodox Russia"]. Published by the Holy Trinity Monastery, Jordanville, N.Y., no. 8, Aug. 1960.

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH]. Louvain, no. 5/6(42/43), Dec. 1959

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER Organ of Mitropolichii okrug Russkoi pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol 56, nos 8-9, Aug.-Sep. 1960.

SVITLO THE LIGHT Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol. 23, no 9(453), Sep 1960 [In Ukrainian.]

UKRAINS'KE PRAVOSLAVNE SLOVO UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of America. South Bound Brook, N.J, vol. 11, no. 9, Sep 1960 [In Ukrainian.]

VECHNOE [THE ETERNAL]. Paris, no 8/9(152/153), Aug.-Sep. 1960.

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society] Winnipeg, vol. 23, no. 10/11(82/83), Aug.-Sep. 1960. [In Ukrainian.]

4. HISTORY

a GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Istoriko-filologicheskii zhurnal [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Historical and Philological Review]. Erivan, no. 4(7), 1959 [In Russian or Armenian with summaries in the other language.]

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. Istoriko-filologicheskii sbornik [ACADEMY OF SCIENCES OF THE U.S.S.R. Komi Branch. Historical and Philological Review]. Syktyvkar, no. 4, 1958.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U.S.S.R. Materials and Reports of the Research Department]. Munich, nos. 12/13-14, 17, Feb.-Apr., July 1960.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 3, May-June 1960.

ISTORIIA SSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 3, May-June 1960.

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES]. Issued by Gosudarstvennoe izd-vo kul'turno-prosvetitel'noi lit-ry and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR [State Publishing House of Cultural and Educational Literature and the State Public Historical Library of the R.S.F.S.R.]. Moscow, vol. 5, nos. 7-8, July-Aug. 1960.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.], Moscow, no. 2, 1960.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 5, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; istoricheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Historical Sciences]. Moscow, no. 2, 1960.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL], Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 4, July-Aug 1960. [In Ukrainian.]

VESTNIK ISTORII MIROVOI KUL'TURY [REVIEW OF THE HISTORY OF WORLD CULTURE]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of Historical Sciences of the Academy of Sciences of the U.S.S.R.], Moscow, no. 2(20), Mar.-Apr. 1960.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U S S.R.]. Moscow, vol. 2, no. 5, May 1960.

b ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK URSR, Kiev Instytut arkheologii Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE UKRAINIAN S S R Institute of Archaeology Brief Reports] Kiev, no 9, 1960

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U S.S.R.]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Material Culture of the Academy of Sciences of the U.S S.R.], Moscow, no. 79, 1960.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut istorii material'noi kul'tury Akademii nauk SSSR [Institute of History of Cultural Materials of the Academy of Sciences of the U.S S.R.]. Moscow, vol. 4, no. 2, 1960.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Organ of Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.], Moscow, vol. 17, no. 6, June 1960.

LENINGRAD. INSTITUT SOVETSKOI TORGOVLI. Sbornik nauchnykh rabot [INSTITUTE OF SOVIET COMMERCE. Collected Papers]. No. 15, 1959.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, vol. 33, nos. 6-7, June-July 1960.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE] Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 30, no. 7, 1960. [With English summaries in insert.]

b. ECONOMICS

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 5-6, May-June 1960.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.], Moscow, no. 7, July 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8 Ekonomika, filosofiia [UNIVERSITY. Review. Series 8 Economics, Philosophy]. Vol. 15, no. 4, July-Aug. 1960.

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S.S.R.]. Alma-Ata, vol. 18, no. 5, May 1960.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1960.

REFERATIVNYI SBORNIK ·EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 4, July 1960

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research no. 2, 1960.

SBORNIK PRAVIL PEREVOZOK I TARIFOV ZHELEZNODOROZHNOGO TRANSPORTA SOIUZA SSR [COLLECTION OF REGULATIONS GOVERNING RAILROAD TRANSPORTATION AND RATES IN THE U S S R]. Issued by Ministerstvo putei soobshcheniia [Ministry of Railroad Transportation] Moscow, no 116, May 1960

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION] Issued by TSentral'nyi sovet potrebitel'skikh obshchestv SSSR [Central Council of Consumer Unions of the U.S.S.R.]. Moscow, vol. 4, no. 6, June 1960.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S S R.]. Moscow, vol. 17, no. 5, May 1960.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no. 7, 1960.

*VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1960.

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R State Bank]. Moscow, vol. 18, nos. 7-8, July-Aug. 1960.

FINANSY SSSR [FINANCE OF THE U.S.S.R.]. Published by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol. 21, nos. 5, 7, May, July 1960.

d. LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 3, nos. 3, 6, Mar, June 1960

RABOTNITSA [THE WOMAN WORKER]. Published by Izd-vo [Publishing House] "Pravda." Moscow, vol. 38, no. 8, Aug. 1960.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'ny kamitet Kamunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 6, June 1960. [In White Russian.]

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Organ of Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 16, no. 9(196), May 1960.

e. SOCIOLOGY

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Provindence, R.I., no. 90, Aug 1960

KLUB [THE CLUB]. Organ of Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions], Moscow, vol. 9, no. 5, May 1960

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH], Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 10-11, 13, May-July 1960.

NASHE ZHYTTIA. OUR LIFE. Issued by Soiuz ukrainok Ameryky [Ukrainian Women's League of America, Inc.]. Philadelphia, vol. 17, no 8, Sep. 1960 [In Ukrainian.]

SMENA [THE YOUNGER GENERATION]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, vol. 37, nos. 10-11, 13, 15, May-Aug. 1960

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY], Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol. 21, nos. 5-6, May-June 1960.

B 5c-9a

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN] Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and of the All-Union Central Council of Trade Unions] Moscow, vol. 16, no 9, 1960

ZHENSHCHINY MIRA [WOMEN OF THE WHOLE WORLD] Issued by Mezhdunarodnaia demokraticheskaia federatsiia zhenshchin [Women's International Democratic Federation]. Berlin, no 6, 1960.

ZMINA [THE YOUNGER GENERATION] Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no 8(89), Aug. 1960 [In Ukrainian]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR] Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 10, 14, May, July 1960

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii Leningradskogo obkoma i gorkoma KPSS [Propaganda and Dissemination Sections of the Leningrad Province Committee and the Leningrad City Committee of the Communist Party of the Soviet Union]. Leningrad Nos. 4, 9, 13-16, 18-19, Feb. - Mar , May-July 1960

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii TSentral'nogo Komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, No. 35, Dec. 1959; nos. 16, 18, June 1960.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Viddil propagandy i agitatsii TSentral'noho komitetu Komunistychnoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, nos. 13-14, May 1960. [In Ukrainian]

BOR'BA [THE STRUGGLE]. Organ of Soiuz bor'by za osvobozhdenie narodov Rossii [Union of the Struggle for the Liberation of the Peoples of Russia]. Munich, vol. 14, no. 2(58), June 1960

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 37, nos. 6-7, June-July 1960. [In Armenian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA] Organ of TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia] Minsk, vol. 34, no. 8, Aug. 1960. [In White Russian]

KOMMUNIST [COMMUNIST]. Organ of TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 37, no. 12, Aug. 1960.

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Stalinabad, vol. 25, no. 7, July 1960. [In Tajik.]

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 36, no. 9, Sep. 1960. [In Ukrainian.]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 7, no. 8, Aug. 1960.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 7-8, July-Aug. 1960.

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. No. 15(453), Aug. 1960.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 18, nos. 28(790)-29(791), 31(793), July 1960.

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 14, July 1960.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan] Alma-Ata, vol. 30, nos. 5, 7, May, July 1960

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 4, nos 5-7, May-July 1960

RUSSIA (1917- R. S. F. S. R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet Gazette] Moscow, vol. 4, nos 29(100), 31(102), Aug. -Sep. 1960

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet Gazette] Moscow, vol 23, nos. 32(1016)-35(1019), Aug -Sep. 1960.

RUSSKOE DELO RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 2, nos. 5(17)-6(18), 8(20), May-June, Aug 1960

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party] New York, vol 40, no. 8/9(744/745), Aug -Sep. 1960

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no. 7, July 1960.

SVOBODA [FREEDOM]. Organ of TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U. S. S. R.]. Munich, vol. 9, nos 7(97)-8(98), July-Aug. 1960.

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Organ of the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 32, no. 7, July 1960 [In Uzbek]

V ZASHCHITU MIRA [IN DEFENSE OF PEACE]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, nos. 5(108), 7(110), May, July 1960

VISNYK. THE HERALD. Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc]. New York, vol 14, no. 9(143), Sep. 1960 [In Ukrainian.]

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Issued by Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 4, no. 4, 1960.

ZNAMIA ROSSII [THE BANNER OF RUSSIA] Organ of Russkaia nezavisimaia monarkhicheskaia mysl' [Russian Independent Monarchistic Thought]. New York, no. 195, Feb. 1960.

7. LAW

MOSCOW. INSTITUT MEZHDUNARODNYKH OTNOSHENII. Kafedra gosudarstvennogo prava. Uchenye zapiski [INSTITUTE OF INTERNATIONAL RELATIONS. Department of Constitutional Law. Studies]. No. 1, 1960.

RUSSIA (1923- U. S. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]. Moscow, no. 4, 1960.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U. S. S. R.]. Moscow, vol. 37, no. 6, June 1960.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R. S F. S. R.]. Moscow, nos. 7-8, July 1960.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut prava Akademii nauk SSSR [Law Institute of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1960.

8. EDUCATION

a GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R. S. F. S. R. Reports]. Moscow, no. 4, 1959; nos. 1-2, 1960.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R. S. F. S R. Bulletin]. Moscow, no. 103, 1959.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow Nauchno-issledovatel'skii institut defektologii. Uchebno-vospitatel'naia rabota v spetsial'nykh shkolakh. shkoly dlia glukhonemykh, slepykh detei i vspomogatel'nye shkoly [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R. S. F. S R. Scientific Research Institute of Defectology Training and Educational Work in Special Schools for the Deaf and Dumb and Blind Children]. Moscow, no. 1, 1953.

AZĔRBAĬCHAN MĔKTĔBI [AZERBAIJANI SCHOOLS]. Organ of the Ministry of Education of the Azerbaijan S. S R Baku, nos 1(148), 4(151), Jan., Apr. 1960. [In Azerbaijani.]

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 33, no. 5, May 1960.

ḰAZAḰSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S. S. R. Vol. 35, nos 1-3, 5, Jan. -Mar., May 1960. [In Kazakh.]

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 28, no. 6, June 1960.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 7, July 1960.

OBSHCHEOBRAZOVATEL'NAIA SHKOLA VZROSLYKH [GENERAL SCHOOLS FOR ADULTS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.], Moscow, no. 1, Jan. - Feb. 1960.

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 39, no. 7, July 1960. [In Ukrainian.]

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Published by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.], Moscow, vol. 15, nos. 5-6, May-June 1960.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 4, no. 6, June 1960.

*SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Organ of Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 24, nos. 4-5, Apr. -May 1960.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego obrazovaniia SSSR [Ministry of Higher Education of the U. S. S. R.]. Moscow, vol. 7, no. 6, June 1960.

√SEMIRNYE STUDENCHESKIE NOVOSTI [WORLD STUDENT NEWS]. Issued by Mezhdunarodnyi soiuz studentov [International Student Association]. Moscow, vol. 14, no. 3/4, Mar. -Apr. 1960.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 8, Aug. 1960.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstv kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U. S. S. R. and of the Association of Cinematographic Workers of the U. S. S. R.]. Moscow, vol. 5, May 1960.

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 8, Aug. 1960

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 4, nos 6-7, June-July 1960.

b MUSIC

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.]. Moscow, vol. 24, nos. 6-7, June-July 1960.

c. THEATER

NA DOPOMOHU KHUDOZHNII SAMODIIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS; Repertorial Collection]. Kiev, no. 4(28), 1960. [In Ukrainian.]

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.]. Moscow, vol. 21, nos 6-8, June-Aug. 1960.

10. FINE ARTS

a. GENERAL

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR and Soiuz khudozhnikov SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Artists of the U.S.S.R.]. Moscow, vol. 23, nos. 5-6, 1960.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R.S.F.S.R.]. Moscow, no. 6, 1960.

LENINGRAD. ERMITAZH. Trudy [HERMITAGE. Transactions]. Vol. 3, 1959.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U.S.S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and of the Association of Architects of the U.S.S.R.]. Moscow, nos. 5, 7, 1960.

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Visnyk [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE UKRAINIAN S.S.R. Journal]. Kiev, no. 2, 1960. [In Ukrainian.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Construction and Architecture]. Moscow, no. 2, 1960.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Organ of Ministerstvo budivnytstva URSR and Spilka arkhitektoriv Ukrainy [Ministry of Construction of the Ukrainian S.S.R. and of the Association of Architects of the Ukraine]. Kiev, vol. 8, nos. 5(65), 7(67), May, July 1960.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta, Leningradskoe otdelenie Soiuza arkhitektorov SSSR, and Leningradskii filial Akademii stroitel'stva i arkhitektury SSSR [Executive Committee of the Leningrad City Soviet, Leningrad Branch of the Association of Architects of the U.S.S.R., and the Leningrad Branch of the Academy of Construction and Architecture of the U.S.S.R.]. Leningrad, vol. 22, nos. 6-7, 1960.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW]. Published by Ispolkom Moskovskogo gorodskogo Soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 9, nos. 5, 7, May, July 1960.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

DOSLIDZHENNIA I MATERIALY Z UKRAINS'KOI MOVY [STUDIES AND MATERIALS ON THE UKRAINIAN LANGUAGE]. Issued by Instytut suspil'nykh nauk Akademii nauk URSR [Institute of Social Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, 1960. [In Ukrainian.]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1960.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 6, 1960

STUDENT. THE STUDENT'S RUSSIAN MONTHLY. Washington, D.C., Sep. 1960

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS]. Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 10, no. 3, May-June 1960. [In Ukrainian.]

b. LITERATURE & FOLKLORE

ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Sociopolitical Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.]. Frunze, vol. 29, no. 7, July 1960 [In Kirghiz.]

AZĔRBAĬCHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan] Baku, no. 7, July 1960. [In Azerbaijani.]

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii [Central Committee of the Lenin Communist Youth League of Georgia]. Tiflis, no 7, July 1960. [In Georgian.]

DON. Issued by Rostovskoe oblastnoe otdelenie Soiuza pisatelei SSSR [Rostov Province Branch of the Association of Writers of the U.S.S.R.] Rostov-on-Don, vol 4, no. 8, Aug. 1960.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Published by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no. 8, Aug. 1960.

INOSTRANNAIA LITERATURA [FOREIGN LITERATURE]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, nos. 7-8, July-Aug. 1960.

IUNOST' [YOUTH]. Issued by Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 6, no. 9, Sep. 1960.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, no. 1, June 1957.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 10, no. 8, Aug. 1960.

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Kafedra zarubezhnoi literatury. Uchenye zapiski [MOSCOW STATE PEDAGOGICAL INSTITUTE. Department of Foreign Literature. Studies]. No. 4, 1959.

MOSCOW. UNIVERSITET. Vestnik. Seriia 7: Filologiia, zhurnalistika [UNIVERSITY. Review. Series 7: Philology, Journalism]. Vol. 15, nos. 1, 3, Jan.-Feb., May-June 1960.

MOSKVA [MOSCOW]. Organ of Soiuz pisatelei SSSR and Moskovskoe otdelenie Soiuza pisatelei SSSR [Association of Writers of the U.S.S.R. and the Moscow Branch of the Association of Writers of the U.S.S.R.]. Moscow, vol. 4, no. 7, 1960.

NEVA. Organ of Soiuz pisatelei RSFSR and Leningradskoe otdelenie Soiuza pisatelei [Association of Writers of the R.S.F.S.R. and the Leningrad Branch of the Association of Writers]. Leningrad, no. 6, 1960.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol. 29, nos. 7-8, July-Aug. 1960 [In Moldavian.]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1, 5, 1960.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1960.

NOVYI MIR [THE NEW WORLD]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol 36, nos. 6-7, June-July 1960.

NOVYI ZHURNAL. THE NEW REVIEW New York, no 57, 1959.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.]. Moscow, vol. 37, no. 6, June 1960.

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 38, no. 8, Aug 1960. [In White Russian.]

PRAPOR, literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER, Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 7, July 1960 [In Ukrainian.]

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol 26, no 8, Aug 1960.

SHARK IULDUZI [STAR OF THE EAST] Organ of Association of Soviet Writers of Uzbekistan Tashkent, vol 28, no 7, July 1960. [In Uzbek.]

SOVET ĔDĔBIIATY [SOVIET LITERATURE] Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol. 38, no. 7, July 1960. [In Tatar.]

SOVET ĔDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S.S.R.]. Ashkhabad, no. 6, June 1960. [In Turkmen.]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, no. 7, 1960. [In Armenian.]

SOVETSKAIA PECHAT' [SOVIET PRESS]. Issued by gazeta [newspaper] "Pravda." Moscow, nos. 6-7, June-July 1960.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Soiuz sovetskikh pisatelei Ukrainy [Union of Soviet Writers of the Ukraine]. Kiev, vol 10, nos. 7-8, July-Aug. 1960.

SOVREMENNIK [CONTEMPORARY]. Toronto, no. 1, Mar. 1960.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Issued by Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, nos. 7-8, July-Aug. 1960.

ZHŬLDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana and Ministerstvo kul'tury Kazakhskoi SSR [Association of Soviet Writers of Kazakhstan and the Ministry of Culture of the Kazakh S.S.R.]. Alma-Ata, no. 8, Aug. 1960. [In Kazakh.]

ZNAMIA [THE BANNER]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, vol. 30, nos. 7-8, July-Aug. 1960.

ZVEZDA [THE STAR]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Leningrad, nos. 5-6, May-June 1960.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE

U. S. S R. Institute of Ethnography. Brief Reports]. Moscow, no. 33, 1960.

AKADEMIIA NAUK SSSR Institut etnografii Trudy [ACADEMY OF SCIENCES OF THE U S. S. R Institute of Ethnography Transactions] Moscow, vol 54, 1960

b GEOGRAPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Sektor geografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Section of Geography. Transactions]. Alma-Ata, no. 6, 1960.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geographical Series]. Moscow, no. 4, July-Aug. 1960.

AKADEMIIA NAUK SSSR Okeanograficheskaia komissiia. Biulleten' [ACADEMY OF SCIENCES OF THE U. S S R. Oceanographic Commission Bulletin]. Moscow, no. 4, 1960.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Oceanographic Commission. Transactions]. Moscow, vol. 7, 1960.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Buriatskii filial. Kraevedcheskii sbornik [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Buryat Branch. Regional Studies Papers]. Ulan-Ude, no. 4, 1959.

GEOGRAFICHESKOE OBSHCHESTVO SSSR Uzbekistanskii filial Izvestiia [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Uzbekistan Branch. Bulletin]. Tashkent, vol. 4, 1960.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 74, 1960.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE Transactions] No. 49, 1960.

MOSCOW UNIVERSITET Vestnik. Seriia 5· Geografiia [UNIVERSITY. Review Series 5 Geography]. Vol 15, no. 3, May-June 1960.

PROBLEMY ARKTIKI I ANTARKTIKI [PROBLEMS OF THE ARCTIC AND THE ANTARCTIC]. Issued by Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut [Arctic and Antarctic Scientific Research Institute]. Leningrad, no. 1, 1959.

VOKRUG SVETA [AROUND THE WORLD]. Organ of TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 6, June 1960.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.]. Moscow, no. 48, 1960.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK SSSR. Dal'nevostochnyi filial, Vladivostok. Trudy. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Far Eastern Branch. Transactions. Geological Series]. Magadan, vol. 4, 1960.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, nos. 27, 33, 36, 42, 1960.

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vols. 25, 27, 1960.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Mining-Geological Institute. Transactions]. Sverdlovsk, no. 50, 1960.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Informatsionnyi biulleten' [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Information Bulletin]. No. 14, 1959.

LENINGRAD VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGO RAZVEDOCHNYI INSTITUT Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE Transactions] No 78, 1953, no. 145, 1959, nos 147 [MICROFILM], 153, 1960.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol 65. Otdel geologicheskii [Geological Section]. Moscow, vol. 35, no. 1, Jan.-Feb. 1960.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, no. 2, 1960.

PROBLEMY GEOKHIMI [PROBLEMS OF GEOCHEMISTRY]. Issued by Laboratoriia geokhimicheskikh metodov issledovaniia L'vovskogo gosudarstvennogo universiteta [Laboratory for Geochemical Research of Lvov State University]. Lvov, no. 1, 1959. [MICROFILM]

REFERATIVNYI ZHURNAL GEOLOGIIA [JOURNAL OF ABSTRACTS GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S. S. R] Moscow, no. 8, Aug 1960.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Issued by Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 3, no. 5, May 1960.

VOPROSY PALEONTOLOGII [PROBLEMS OF PALEONTOLOGY]. Issued by Nauchno-issledovatel'skii institut zemnoi kory Leningradskogo universiteta [Scientific Institute for Research on the Earth's Crust of the Leningrad University]. Leningrad, vol. 3, 1960.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 89, no. 2, 1960.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Uzbekistanskoe otdelenie. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Uzbekistan Branch. Records]. Tashkent, no. 13, 1959.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Doklady [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Reports]. Erivan, vol. 30, no. 1, 1960.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan, vol. 12, no. 6, 1959.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Doklady [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Reports]. Baku, vol. 16, nos. 3-4, 1960. [In Russian or Azerbaijani with summaries in the other language]

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 133, nos. 1-4, July-Aug. 1960.

AKADEMIIA NAUK URSR, Kiev. Dopovidi [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Reports]. Kiev, nos. 3-6, 1960. [In Ukrainian.]

AKADEMIIA NAVUK BSSR, Minsk. Doklady [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S. R. Reports]. Minsk, vol. 4, no. 6, June 1960.

MIR NAUKI [SCIENTIFIC WORLD]. Issued by the World Federation of Scientific Workers. London, no. 7, 1959.

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 27, nos. 5-7, May-July 1960.

NAUKA I ZHYTTIA [SCIENCE AND LIFE]. Published by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, vol. 10, nos. 5(110)-7(112), May-July 1960. [In Ukrainian]

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW BOOKS ABROAD. Series A. Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 13, nos. 6-7, June-July 1960.

PRIRODA [NATURE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol 49, no 7, July 1960.

* PROBLEMY KIBERNETIKI [PROBLEMS OF CYBERNETICS]. Published by Gosudarstvennoe izdatel'stvo fiziko-matematicheskoi literatury [State Publishing House of Physico-Mathematical Literature]. Moscow, no. 3, 1960.

VOPROSY ISTORII ESTESTVOZNANIIA I TEKHNIKI [PROBLEMS OF THE HISTORY OF NATURAL SCIENCES AND TECHNOLOGY]. Issued by Institut istorii estestvoznaniia i tekhniki Akademii nauk SSSR [Institute of the History of Natural Sciences and Technology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1960.

*ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 35, nos. 5-7, May-July 1960.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U. S. S. R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]. Moscow, no. 3(13), 1960.

AKADEMIIA NAUK SSSR. Komissiia po fizike planet. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Committee on the Physics of Planets. Bulletin]. Kharkov. no. 1, 1959.

AKADEMIIA NAUK SSSR. Krymskaia astrofizicheskaia observatoriia. Izvestiia [ACADEMY OF SCIENCES OF THE U. S. S. R. Crimean Astrophysical Observatory. Bulletin]. Moscow, vol. 22, 1960.

GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Issued by Glavnoe upravlenie geodezii i kartografii Ministerstva vnutrennykh del SSSR [Main Administration of Geodesy and Cartography of the Ministry of Interior of the U. S. S. R.]. Moscow, nos. 5-6, May-June 1960.

KHARKOV. UNIVERSITET. Astronomicheskaia observatoriia. TSirkuliar [UNIVERSITY. Astronomical Observatory. Circular]. Nos. 21-22, 1960.

REFERATIVNYI ZHURNAL· ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, July 1960.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Biological Sciences]. Erivan, vol. 13, nos. 1-2, Jan.-Feb. 1960.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Biological and Medical Sciences]. Baku, no. 3, 1960. [In Russian or Azerbaijani with summaries in the other language.]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series in Botany and Soil Science]. Alma-Ata, no. 3(6), 1960.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut fiziologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Physiology. Transactions]. Alma-Ata, vol. 2, 1959.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Zoology. Transactions]. Alma-Ata, vols. 12-13, 1960.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in Biological Sciences]. Frunze, vol 1, nos. 3-4, 1959, vol. 2, no. 2, 1960.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Biological Series]. Moscow, no. 3, May-June 1960.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Flora SSSR [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Flora of the U.S.S.R.]. Moscow, [illegible]

AKADEMIIA NAUK SSSR. Botanicheskii institut. Gerbarii. Botanicheskie materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute, Herbarium. Botanical Materials]. Moscow, vol. 20, 1960.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [ACADEMY OF SCIENCES OF THE U.S.S.R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]. Moscow, vol. 13, 1960.

AKADEMIIA NAUK SSSR. Gel'mintologicheskaia laboratoriia. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Helminthological Laboratory. Transactions]. Moscow, vol. 10, 1960.

AKADEMIIA NAUK SSSR. Institut morfologii zhivotnykh. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Animal Morphology. Transactions]. Moscow, [illegible] 25, 1960.

AKADEMIIA NAUK SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia fiziologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Higher Nervous Function. Transactions. Physiological Series]. Moscow, vol. 4, 1960.

AKADEMIIA NAUK URSR, Kiev. Instytut zoologii. Pratsi [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Zoology. Transactions]. Kiev, [illegible] 15, [illegible] 16, 1960. [In Ukrainian.]

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia biialahichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Bulletin. Series in the Biological Sciences]. Minsk, no. 2, 1960. [In White Russian.]

AKADEMIIA NAVUK BSSR, Minsk. Instytut biialohii. [illegible] [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Biology. Bulletin]. [illegible] 3, 1958.

AKADEMIIA NAVUK BSSR, Minsk. Instytut fiziialohii. [illegible] [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S.S.R. Institute of Physiology. Transactions]. [illegible] 3, 1959.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, [illegible] 1, Jan. 1960. [With summaries in English.]

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Biologicheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies. Biological Series]. no. 1, 1959. [In Russian or Azerbaijani with summaries in the other language.]

BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, [illegible] no. 3, 1960. [With summaries in English.]

BIOLOGIIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 3 4, [illegible]

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 45, nos. 5, 7, May, July 1960. [With summaries in English.]

FIZIOLOHICHNYI ZHURNAL [PHYSIOLOGICAL JOURNAL]. Issued by Instytut fiziolohii Akademii nauk URSR [Institute of Physiology of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 6, nos. 2, 4, Mar., Aug. 1960. [In Ukrainian with summaries in Russian and English.]

MIKROBIOLOGIIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 29, no. 3, May-June 1960. [With summaries in English.]

MOSCOW. GLAVNYI BOTANICHESKII SAD. Pushkinskoe. Biulleten' [MAIN BOTANICAL GARDEN. Bulletin]. No. 36, 1960.

MOSCOW. UNIVERSITET. Vestnik. Seriia 6: Biologiia, pochvovedenie [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 15, no. 3, May-June 1960.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, vol. 65, nos. 1, 3, Jan.-Feb., May-June 1960. [With summaries in English.]

OPREDELITELI PO FAUNE SSSR [GUIDES TO THE FAUNA OF THE U.S.S.R.]. Published by Zoologicheskii institut Akademii nauk SSSR [Institute of Zoology of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 70-71, 1960.

REFERATIVNYI ZHURNAL: KHIMIIA; BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY; BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 14, July 1960.

TSITOLOGIIA [CYTOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 3, May-June 1960.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 17, no. 3, 1960. [In Ukrainian with summaries in Russian and English.]

•USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 49, no. 3, May-June 1960.

UZBEKSKII BIOLOGICHESKII ZHURNAL [UZBEK BIOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.] Tashkent, no. 3, 1960.

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 21, nos. 3-4, May-Aug. 1960. [With summaries in English.]

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 39, nos. 6-7, June-July 1960. [With summaries in English.]

d. CHEMISTRY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Khimicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Chemical Sciences]. Erivan, vol. 12, no. 6, 1959, vol. 13, no. 1, 1960.

•AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Chemical Sciences]. Moscow, no. 6, June 1960.

•KOLLOIDNYI ZHURNAL [COLLOID JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 22, no. 3, May-June 1960. [With summaries in English].

MOSCOW. UNIVERSITET. Vestnik. Seriia 2: Khimiia [UNIVERSITY. Review. Series 2: Chemistry]. Vol. 15, no. 1, 1960.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 26, no. 3, 1960.

•USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 29, nos. 5, 7, May, July 1960.

VS [illegible] SKII INSTITUT [illegible] ALL-UNION [illegible] CHEMICAL [illegible] no. 23, 1959.

•ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 15, nos. 2-3, Mar.-June 1960 [With summaries in English.]

•ZHURNAL FIZICHESKOI KHIMII [JOURNAL OF PHYSICAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 34, nos. 5-7, May-July 1960. [With summaries in English.]

•ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, nos. 4-7, Apr.-July 1960.

•ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 30, no. 7, July 1960.

e. MATHEMATICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Mathematical Series]. Moscow, vol. 24, no. 2, Mar.-Apr. 1960.

MATEMATIKA, periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS; Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 4, no. 4, July-Aug. 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]. Moscow, no. 3, 1960.

f. PHYSICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 24, no. 7, July 1960.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geophysical Series]. Moscow, no. 7, July 1960.

ITOGI NAUKI. Fiziko-matematicheskie nauki [ACHIEVEMENTS OF SCIENCE. Physicomathematical Sciences]. Issued by Vsesoiuznyi institut nauchno-tekhnicheskoi informatsii Akademii nauk SSSR [All-Union Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, 1960.

KIEV. UKRAIN [illegible] GIDROMET [illegible] [UKRAINIA [illegible] OROLOGIC [illegible] 1960.

•KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 1, Jan.-Feb. 1960.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY]. Organ of Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Leningrad, no. 7, July 1960.

NEKOTORYE PROBLEMY METEOROLOGII. Sbornik statei; 2 razdel programmy MGG (meteorologiia). SOME PROBLEMS OF METEOROLOGY. Articles; 2nd Section of the IGY Program (Meteorology). Issued by Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo goda pri Prezidiume Akademii nauk SSSR [Interdepartmental Committee on the International Geophysical Year, Attached to the Presidium of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 1, 1960.

OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 1, Jan. 1960, vol. 9, no. 1, July 1960.

•PRIBORY I TEKHNIKA EKSPERIMENTA [INSTRUMENTS AND EXPERIMENTAL TECHNIQUES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 2, Mar.-Apr. 1960.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS. PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1960; Avtorskii ukazatel' [Author Index], 1956

B 131-153

REFERATIVNYI ZHURNAL. MEKHANIKA [JOURNAL OF ABSTRACTS MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R.]. Moscow, no 8, Aug 1960

RUSSIA (1923- U S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, no. 3, 1960.

RUSSIA (1923- U. S. S R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]. Moscow, vol. 3, no. 2, 1960.

SVOISTVA ATOMNYKH IADER [PROPERTIES OF ATOMIC NUCLEI]. Issued by Radievyi institut Akademii nauk SSSR [Radium Institute of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 3, 1960.

* USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] Moscow, vol. 71, no. 3, July 1960.

* ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 38, nos. 3, 5-6, Mar., May-June 1960. [With summaries in English.]

14. MEDICINE

a GENERAL

AZERBAICHAN TIBB ZHURNALY. AZERBAIDZHANSKII MEDITSINSKII ZHURNAL [AZERBAIJAN MEDICAL JOURNAL]. Issued by Azerbaichan SSR Sehiiie nazirliii [Azerbaijan Ministry of Health] Baku, no. 5, May, 1960. [In Russian or Azerbaijani with summaries in the other language.]

BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 49, no. 1, Jan. 1960. [With summaries in English.]

IRKUTSK. IRKUTSKII GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII PROTIVOCHUMNYI INSTITUT SIBIRI I DAL'NEGO VOSTOKA. Izvestiia [IRKUTSK ANTI-PLAGUE STATE SCIENTIFIC RESEARCH INSTITUTE OF SIBERIA AND THE FAR EAST. Bulletin]. vols. 14-16, 1957; vol 17-19, 1958; vol. 20, 1959.

KAZANSKII MEDITSINSKII ZHURNAL [KAZÁN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A. S. S. R. and the Council of Medical Societies]. Kazan, vol. 40, no. 5, Sep.-Oct. 1959.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EKSPERTIZY TRUDOSPOSOBNOSTI I ORGANIZATSII TRUDA INVALIDOV. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF DISABILITY EVALUATION AND WORK ORGANIZATION FOR THE HANDICAPPED. Transactions]. Vol. 2, 1959.
{MICROFILM}

MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S S. R.]. Moscow, Razdel [Section] 1, vol. 4, no 7, July 1960, Razdel [Section] 2, vol. 4, no 8, Aug. 1960; Razdel [Section] 3, vol. 4, no. 8, Aug. 1960; Razdel [Section] 4, vol. 4, no 8, Aug. 1960; Razdel [Section] 5, vol. 4, no. 8, Aug. 1960, Razdel [Section] 6, vol. 4, no. 8, Aug. 1960, Razdel [Section] 7, vol. 4, no 7, July 1960; Razdel [Section] 8, vol 4, no. 7, July 1960; Razdel [Section] 9, vol. 4, nos. 7-8, July-Aug. 1960; Razdel [Section] 10, vol. 4, no 8, Aug. 1960.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by Ministerstvo zdravookhraneniia UzSSR [Ministry of Health of the Uzbek S. S. R.]. Tashkent, no. 12, Dec. 1958.

MOSCOW. VTOROI MOSKOVSKII GOSUDARSTVENNYI MEDITSINSKII INSTITUT. Uchenye zapiski [SECOND MOSCOW STATE MEDICAL INSTITUTE. Studies]. Vol. 17, 1958.

PATOGENEZ, KLINIKA I TERAPIIA TUBERKULEZA [PATHOGENESIS, CLINICAL ASPECTS, AND TREATMENT OF TUBERCULOSIS]. Issued by Ukrainskii nauchno-issledovatel'skii institut tuberkuleza [Ukrainian Scientific Research Institute of Tuberculosis]. Kiev, no. 8, 1958.
(DNLM)

SOVETSKOE ZDRAVOOKHRANENIE KIRGIZII [SOVIET HEALTH SERVICE OF KIRGHIZIA]. Issued by Ministerstvo zdravookhraneniia Kirgizskoi SSR [Ministry of Health of the Kirghiz S. S. R.]. Frunze, no. 1, Jan-Feb. 1958.

VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Glavnoe voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Main Military-Medical Administration of the Ministry of Defense of the U. S. S. R.]. Moscow, nos. 5-6, May-June 1960.

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S. R.]. Kiev, nos. 6-7, June-July 1960.

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, nos 6(66)-7(67), June-July 1960.

ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S. S. R.]. Kishinev, vol. 3, nos. 2-3, Mar.-June 1960.

ZDRAVOOKHRANENIE BELORUSSI [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S. S. R.]. Minsk, vol. 4, no. 3, Mar. 1958.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S. S. R.]. Alma-Ata, vol. 18, no. 1, 1958.
(DNLM)

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 5, nos. 3-4, May-Aug. 1960.

e PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 6, no. 3, May-June 1960.

PATOLOGICHESKAIA FIZIOLOGIIA I EKSPERIMENTAL'NAIA TERAPIIA [PATHOLOGICAL PHYSIOLOGY AND EXPERIMENTAL THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 4, no. 3, May-June 1960. [With summaries in English.]

f. PHARMACY & MATERIA MEDICA

* ANTIBIOTIKI [ANTIBIOTICS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 5, no. 1, Jan.-Feb. 1960. [With summaries in English.]
(DNLM)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII VITAMINNYI INSTITUT. Trudy [ALL-UNION VITAMIN SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Vol. 6, 1959.

g. PUBLIC HEALTH & NURSING

FEL'DSHER I AKUSHERKA [FELDSHER AND MIDWIFE]. Published by Ministerstvo zdravookhraneniia SSSR and Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the U. S. S. R. and Ministry of Health of the R. S. F. S. R.]. Moscow, vol. 25, no. 5, May 1960.

MEDITSINSKAIA SESTRA [MEDICAL NURSE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 19, no. 8, Aug. 1960.

15. AGRICULTURE

a. GENERAL

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 31, no. 6, June 1960.

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 12, nos. 5-7, May-July 1960.

ḲAZAKSTANNYṄ AŪYL SHARŪASHYLYĠY [KAZAKHSTAN AGRICULTURE] Alma-Ata, no. 2, Feb. 1958 [In Kazakh.]

KHOČHAGII ḰISHLOḰI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S. S. R. Stalinabad, vol. 11, nos. 9, 12 Sep., Dec. 1957; vol. 14, no. 7, July 1960. [In Tajik.

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE] Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S S R.]. Kiev, vol. 7, no 8(72), Aug. 1960. [In Ukrainian.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 20, no. 8, Aug. 1960.

* POCHVOVEDENIE [SOIL SCIENCE]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 7, 1960. [With summaries in English.]

SARATOV. INSTITUT MEKHANIZATSII SEL'SKOGO KHOZIAISTVA. Trudy [INSTITUTE OF THE MECHANIZATION OF AGRICULTURE. Transactions]. No. 15, 1958; nos. 14; 18, pt. 1, 1959.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki BSSR [Ministry of Agriculture of the White Russian S. S. R.]. Minsk, vol. 8, no. 8(92), Aug. 1960.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Organ of Ministerstvo sel'skogo khoziaistva, Ministerstvo sovkhozov, and Ministerstvo vodnogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture, Ministry of State Farms, and Ministry of Water Resources of the Kazakh S. S. R.]. Alma-Ata, vol. 5, nos. 1-2, Jan-Feb. 1958.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Organ of Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S. S. R.]. Frunze, vol. 6, no. 8, Aug. 1960.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Leningrad, vol. 2, no. 8, Aug. 1960.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R. S. F. S. R.]. Omsk, vol. 5, no. 8, Aug. 1960.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S. S. R.]. Stalinabad, vol. 12, no. 2, Feb. 1958.

SEL'SO; OBMEN OPYTOM V SEL'SKOM KHOZIAISTVE. Traktorist, kombainer i shofer [SEL'SO; EXCHANGE OF EXPERIENCE IN AGRICULTURE. Tractor and Combine Operators and Truck Drivers]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 12, Dec. 1959.

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, no. 8, Aug. 1960.

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol. 2, no. 12, Dec. 1957; vol. 3, no. 3, Mar. 1958.

h. ANIMAL INDUSTRY

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 21, no. 8, Aug. 1960.

i. PLANT CULTURE

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Botanicheskii sad. Spisok semian, predlagaemykh v obmen [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Botanical Garden. List of Seeds Offered for Exchange]. Frunze, no. 8, 1960. (U)

[illegible] VIERUL SHI VINIFIKATORUL MOLDOVEI [FRUIT CULTURE, VITICULTURE, AND WINE-MAKING IN MOLDAVIA]. Organ of the Economic [illegible] the Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, no. 1, Jan.-Feb. 1955; no. 1(41)-3(43), Jan.-June 1960. [In Moldavian.] (U)

KARTOFEL' [POTATOES]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 3, 1960. (U)

10. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erevan. Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in the Technological Sciences]. Erevan, vol. 13, no. 1, 1960.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Technological Sciences]. Tashkent, no. 3, 1960.

[illegible] POLITEKHNICHESKII INSTITUT. Trudy [[illegible] POLYTECHNIC INSTITUTE. Transactions]. Vol. 13, no. 3, 1959.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by [illegible] [State [illegible] on Standardization]. Moscow, [illegible] no. 6, 1960.

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S.S.R.]. Minsk, [illegible] July 1960. [[illegible] in English.]

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 5, May 1960.

IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 7, July 1960.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Orgkomitet Vsesoiuznogo obshchestva izobretatelei i ratsionalizatorov [Organizational Committee of the All-Union Society of Inventors and Efficiency Promoters]. Moscow, no. 8, Aug. 1960.

[illegible] TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE. Transactions]. Vol. 53, 1959.

MOSCOW. TSENTRAL'NYI INSTITUT TEKHNIKO-EKONOMICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [CENTRAL INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No. 7, 1960.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U.S.S.R.]. Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies]. Moscow, vol. 3, no. 7, July 1960.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. [illegible], vol. 103, 1959.

NOVYE KNIGI ZA RUBEZHOM. Seriia B. Tekhnika [NEW BOOKS ABROAD. Series B. Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 4, nos. 6(42)-7(43), June-July 1960.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. *Organ of* Glavnoe upravlenie trudovykh rezervov pri Sovete Ministrov SSSR [Main Administration of Labor Reserves, *Attached to the* Council of Ministers of the U.S.S.R.]. Moscow, vol. 17, nos. 5(180)-6(181), May-June 1960.

STANDARTIZATSIIA [STANDARDIZATION]. Organ of Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 24, nos. 6-7, June-July 1960.

SVERDLOVSK. URAL'SKII POLITEKHNICHESKII INSTITUT. Trudy [URAL POLYTECHNIC INSTITUTE. Transactions]. Moscow, no. 70, 1959.

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Organ of Tsentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 28, nos. 5-6, 1960.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 17, nos. 5-6, May-June 1960.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Published by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 11, nos. 5-7, May-July, 1960.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. Nos. 114, 116, 1959.

MOSCOW. AVIATSIONNYI TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE OF AERONAUTICS. Transactions]. No. 43, 1960.

VOPROSY RAKETNOI TEKHNIKI, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 10, no. 7(67), 1960.

c. CHEMICAL TECHNOLOGY

GAZOVAIA PROMYSHLENNOST' [GAS INDUSTRY]. Organ of Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR, Ministerstvo kommunal'nogo khoziaistva RSFSR and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R., the Ministry of Communal Economy of the R.S.F.S.R., and the Scientific and Technological Society of the Electric Power Industry]. Leningrad, vol. 5, no. 7, 1960.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY]. Issued by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of Paper and Woodworking Industry of the U.S.S.R.]. Moscow, vol. 13, nos. 3-5, 1960.

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Ministerstvo khimicheskoi promyshlennosti [Ministry of the Chemical Industry]. Moscow, vol. 19, nos. 5, 7, May, July 1960.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, nos. 1-2, Jan.-Mar. 1960.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, no. 3, 1960.

KHIMICHESKOE MASHINOSTROENIE [CHEMICAL MACHINERY MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1960.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR i Akademii nauk SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, nos. 5-7, May-July 1960.

KHOLODIL'NAIA TEKHNIKA [REFRIGERATION ENGINEERING]. Organ of Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. *Moscow*, vol. 37, no. 3, May-June 1960.

*KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of the Ministers of the U.S.S.R.]. Moscow, nos. 5-7, 1960.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 7, July 1960.

MOSCOW. NAUCHNYI INSTITUT PO UDOBRENIIAM I INSEKTOFUNGISIDAM. (*Trudy*) [*SCIENTIFIC INSTITUTE OF FERTILIZERS AND INSECTOFUNGICIDES. (Transactions)*]. No. 165, 1959.

PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U.S.S.R.]. Moscow, nos. 4-5, 1960.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 34, nos. 6-7, June-July 1960.

SOVETSKOE FOTO [THE SOVIET PHOTOGRAPH]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, vol. 20, nos. 2-3, 5-7, Feb.-Mar., May-July 1960.

SPIRTOVAIA PROMYSHLENNOST' [*DISTILLING INDUSTRY*]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 5, 1960.

STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 17, no. 7, July 1960.

USPEKHI NAUCHNOI FOTOGRAFII [PROGRESS IN SCIENTIFIC PHOTOGRAPHY]. Published by Komissiia po nauchnoi fotografii i kinematografii Otdeleniia khimicheskikh nauk Akademii nauk SSSR [Commission of Scientific Photography and Motion Pictures of the Department of Chemical Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, 1960.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 5, no. 3, May-June 1960.

*ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED *CHEMISTRY*]. *Published by Akademiia nauk SSSR* [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 33, nos. 5, 7, May, July 1960.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Izvestiia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Bulletin]. Moscow, no. 2, 1960.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]. Moscow, no.13, 1960.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Construction Design. Scientific Report]. Moscow, no.13, 1960.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Organ of Glavnoe upravlenie po stroitel'stvu avtomobil'nykh dorog pri Sovete Ministrov SSSR [Main Administration for Highway Construction, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.23, no.7(213), July 1960.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos.6-7, June-July 1960.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.17, nos.6-7, June-July 1960.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Issued by Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol.30, nos.6-7, June-July 1960.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol.34, nos.5-7, May-July 1960.

KHARKOV. IUZHNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PROMYSHLENNOGO STROITEL'STVA. Sbornik trudov [SOUTHERN SCIENTIFIC RESEARCH INSTITUTE FOR INDUSTRIAL CONSTRUCTION. Collected Papers]. No.3, 1959.

LENINGRAD. INZHENERNO-STROITEL'NYI INSTITUT. Sbornik nauchnykh trudov [CIVIL ENGINEERING INSTITUTE. Collected Papers]. No.30, 1959.

LENINGRAD. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROTEKHNIKI. Izvestiia [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF HYDRAULIC ENGINEERING. Bulletin]. Vols.58-59, 1958.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.17, nos.5,7, May,July 1960.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and Tsentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol.22, nos.6-7, June-July 1960.

MOSCOW. VSESOIUZNYI PROEKTNO-IZYSKATEL'SKII I NAUCHNO-ISSLEDOVATEL'SKII INSTITUT "GIDROPROEKT" imeni S.IA. ZHUK. Trudy [ALL-UNION PLANNING AND RESEARCH INSTITUTE "GIDROPROEKT," named after S.IA. ZHUK. Transactions]. Vol.2, 1959; vol.3, 1960.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.2, nos.3-4, 1960.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Glavnoe upravlenie pozharnoi okhrany MVD SSSR [Main Administration of Fire Protection of the Ministry of the Interior of the U.S.S.R.]. Moscow, vol.6(50), no.7, July 1960.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and Tsentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol.38, nos.6-7, 1960.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACK AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol.4, nos.4, 6-8, Apr., June-Aug. 1960.

REFERATIVNYI ZHURNAL: STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS: CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no.4(100), 1960.

SIL'SKE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo mis'koho i sil's'koho budivnytstva URSR [Ministry of Town and Rural Construction of the Ukrainian S.S.R.]. Kiev, vol.10, nos.4-5, Apr.-May 1960. [In Ukrainian.]

STROITEL' [THE BUILDER]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no.6, June 1960.

STROITEL'NAIA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, vol.2, no.4, 1960.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.6, nos.5,7, May, July 1960.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva [Ministry of Construction for the Transportation Industry]. Moscow, vol.10, nos.5-7, May-July 1960.

TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol.26, no.3, May-June 1960.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos.7-8, July-Aug., 1959.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR [Ministry of Communal Economy of the R.S.F.S.R.]. Moscow, vol.10, no.6, 1960.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and Tsentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, nos.5-7, May-July 1960.

• ELECTRICAL ENGINEERING.

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]. Moscow, no.3, May-June 1960.

•ATOMNAIA ENERGIIA [ATOMIC ENERGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol.9, no.1, July 1960.

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Glavnoe upravlenie po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR [Main Administration for the Utilization of Atomic Energy, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol.4, no.8, Aug. 1960.

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[illegible]

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 31, no. 6, June 1960.

VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR [Ministry of Communication of the U.S.S.R.]. Moscow, vol. 20, nos. 4(241), 6(243), Apr., June 1960.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Published by Izdatel'stvo [Publishing House] "Sovetskoe radio." Moscow, vol 15, nos 6-7, June-July 1960.

f. INDUSTRIES & TRADES

•AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 13, nos. 6(87)-7(88), June-July 1960.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti RSFSR [Ministry of the Paper and Woodworking Industries of the R.S.F.S.R.]. Moscow, vol. 35, nos. 5-6, May-June 1960.

•DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Published by Ministerstvo bumazhnoi i derevoobrabatyvaiushchei promyshlennosti SSSR [Ministry of the Paper and Woodworking Industries of the U.S.S.R.]. Moscow, vol. 9, nos. 5, 7, May, July 1960.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Ministerstvo promyshlennosti prodovol'stvennykh tovarov SSSR [Ministry of the Food Products Industry of the U.S.S.R.]. Moscow, vol. 4, no. 7, July 1960.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli SSSR [Ministry of Commerce of the U.S.S.R.]. Moscow, no. 6, June 1960.

PROMYSLOVAIA KOOPERATSIIA [PRODUCERS' COOPERATION]. Issued by TSentral'nyi sovet promyslovoi kooperatsii RSFSR [Central Council of Producers' Cooperation of the R.S.F.S.R.]. Moscow, vol. 14, no. 6, June 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]. Moscow, no. 3(16), 1960.

SHVEINAIA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, no. 3, May-June 1960.

SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and Sektsiia svarki metallov Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and of the Metal-Welding Section of the Scientific and Technological Society of the Machine-Building Industry]. Moscow, nos. 6-8, June-Aug. 1960.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, nos. 6-7, June-July 1960.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia energeticheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Power Series]. Alma-Ata, no. 2(16), 1960.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Trudy. Seminar po tochnosti v mashinostroenii i priborostroenii [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on Percision in Machinery and Instrument Manufacture. Transactions]. Moscow, no. 14, 1960.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, no. 7, July 1960.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Issued by Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 38, no. 7, July 1960.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Issued by Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.] Moscow, vol. 4, nos. 3, 5, Mar., May 1960.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 7, July 1960.

LENINGRAD. INSTITUT TOCHNOI MEKHANIKI I OPTIKI. Sbornik statei [INSTITUTE OF PRECISION MECHANICS AND OPTICS. Collected Papers]. No. 40, 1958.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 7, July 1960.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 14, no. 6, June 1960.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII AVTOMOBIL'NYI I AVTOMOTORNYI INSTITUT. [Trudy] [STATE SCIENTIFIC RESEARCH INSTITUTE OF AUTOMOTIVE ENGINEERING. (Transactions)]. No. 89, 1960.
[MICROFILM]

MOSCOW. GOSUDARSTVENNYI SOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII TRAKTORNYI INSTITUT. Trudy [STATE ALL-UNION SCIENTIFIC RESEARCH TRACTOR INSTITUTE. Transactions] No. 20, 1960.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Nos. 107, 128, 1960.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TEKHNOLOGII I MASHINOSTROENIIA. (Trudy) [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF TECHNOLOGY AND MACHINE BUILDING. (Transactions)]. Vol. 100, 1959; vol. 98, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 19, no. 4, 1960.

MOSCOW. VSESOIUZNYI ZAOCHNYI MASHINOSTROITEL'NYI INSTITUT. Kafedra "Avtomobili i traktory." Trudy [ALL-UNION CORRESPONDENCE MACHINE-BUILDING INSTITUTE. Automobile and Tractor Department. Transactions]. No. 2, 1960.

OBMEN TEKHNICHESKIM OPYTOM NA AVTOMOBIL'NOM TRANSPORTE [EXCHANGE OF TECHNICAL EXPERIENCE IN AUTOMOTIVE TRANSPORTATION]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transport]. Moscow, no. 3(12), 1960.

•PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U S S R.]. Moscow, no. 7, July 1960.

RASCHETY NA PROCHNOST', teoreticheskie i eksperimental'nye issledovaniia prochnosti mashinostroitel'nykh konstruktsii. Sbornik statei [STRENGTH ANALYSIS, Theoretical and Experimental Investigations of Strength of Elements in Machine Design. Collected Papers]. Moscow, no. 5, 1960

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]. Moscow, nos. 5-6, 1960.

•STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S S R.]. Moscow, vol. 31, no. 7, July 1960.

STROITEL'NOE I DOROZHNOE MASHINOSTROENIE [ROAD AND CONSTRUCTION MACHINERY BUILDING]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S S R.]. Moscow, vol. 5, nos. 6-7, June-July 1960.

TEPLOENERGETIKA [HEAT ENGINEERING] Organ of Ministerstvo elektrostantsii SSSR and Akademiia nauk SSSR [Ministry of Electric Power Stations of the U.S.S.R. and the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 7, July 1960.

•VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S S.R.]. Moscow, vol. 40, no. 7, July 1960.

ZA BEZOPASNOST' DVIZHENIIA [FOR TRAFFIC SAFETY]. Issued by Otdel RUD UVD ispolkoma Mosgorsoveta [Traffic Department of the Administration of Internal Affairs of the Executive Committee of the Moscow City Soviet]. Moscow, no. 6, June 1960.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 42, nos. 6-7, June-July 1960.

h. MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]. Alma-Ata, vol. 8, 1960.

•FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 9, no. 6, June 1960.

GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Ministerstvo geologii i okhrany nedr SSSR, and Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., the Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R., and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 4, no. 6, June 1960.

GEOLOGIIA RUDNYKH MESTOROZHDENII [GEOLOGY OF ORE DEPOSITS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 6, Nov.-Dec. 1959; nos. 1, 3, Jan.-Feb., May-June 1960.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, no. 7, July 1960.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII I PROEKTNYI INSTITUT MEKHANICHESKOI OBRABOTKI POLEZNYKH ISKOPAEMYKH. Trudy [SCIENTIFIC RESEARCH AND PLANNING INSTITUTE FOR THE MECHANICAL PROCESSING OF MINERALS. Transactions]. No. 123, 1959.

LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR, Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu, and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R., State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture, and the Scientific Technological Society of the Machine Building Industry]. Moscow, no. 7, July 1960.

MASTER UGLIA [MASTER OF COAL]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 9, nos. 5-7, May-July 1960.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 6, June 1960.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh metallurgicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of Trade Unions of Workers in the Metallurgical Industry]. Moscow, vol. 6, nos. 7-8, July-Aug. 1960.

MOSCOW. INSTITUT NEFTEKHIMICHESKOI I GAZOVOI PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transactions]. No. 5, 1947.

MOSCOW. INSTITUT STALI. Sbornik [STEEL INSTITUTE. Collected Papers]. No. 39, 1960.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT CHERNOI METALLURGII. Institut stali. Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY. Steel Institute. Collected Papers]. No. 31, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI NEFTIANOI INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM GEOLOGY AND PROSPECTING. Transactions]. No. 23, 1959, no. 24, 1960.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOGENNOI OBRABOTKI METALLOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF AUTOGENOUS WORKING OF METALS. Transactions]. No. 7, 1960.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO CHERNOI METALLURGII. Trudy [SCIENTIFIC TECHNOLOGICAL SOCIETY OF FERROUS METALLURGY. Transactions]. Moscow, vol. 15, 1959.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TsK Profsoiuza rabochikh neftianoi i khimicheskoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Committee of the Trade Union of Workers of the Petroleum and Chemical Industries]. Moscow, vol. 5, no. 6, June 1960.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva neftianoi i gazovoi promyshlennosti [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Petroleum and Gas Industry]. Moscow, vol. 38, nos. 3, 4, 6, Mar., May, June 1960.

PROMYSLOVAIA GEOFIZIKA [MINING GEOPHYSICS]. Issued by Gosudarstvennoe nauchno-tekhnicheskoe izdatel'stvo neftianoi i gorno-toplivnoi literatury [State Scientific Technical Publishing House of Literature on Petroleum and Mineral Fuels]. Moscow, no. 1, 1958. [Collection of articles translated from foreign language periodicals.]

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 26, no. 5, May 1960.

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, Aug. 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]. Moscow, no. 6, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]. Moscow, vol. 3, nos. 3, 4, Mar., Apr. 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]. Moscow, no. 2, 1960.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Petroleum and Gas]. Moscow, vol. 3, no. 8, 1960.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 4, no. 7, July 1960.

*STAL' [STEEL]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 20, no. 8, Aug. 1960. [With summaries in English, German, and French in insert.]

STROITEL'STVO TRUBOPROVODOV [PIPE LINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 5, no. 6, June 1960.

TITAN I EGO SPLAVY [TITANIUM AND ITS ALLOYS]. Issued by Institut metallurgii Akademii nauk SSSR [Institute of Metallurgy of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3, 1960.

TORFIANAIA PROMYSHLENNOST' [PEAT INDUSTRY]. Organ of Ministerstvo elektrostantsii SSSR [Ministry of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 37, no. 4, 1960.

*TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR [State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 33, nos. 5, 7, May, July 1960.

UGOL' [COAL]. [illegible] Ministrov SSSR [State Scientific [illegible] Committee of the Council of Ministers [illegible]]. Moscow, vol. 35, [illegible]

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi [illegible] tekhnicheskii komitet Soveta Ministrov [illegible] [State [illegible] Technical Committee, Attached to the Council of Ministers of the Ukrainian [illegible]]. [illegible] 0, June 1960.

[illegible] [illegible] Scientific Technical [illegible]. Moscow, no. 44, 1960.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY]. Organ of [illegible] tekhnicheskii komitet [illegible] [State Scientific [illegible] of the Council of Ministers of the [illegible]]. Moscow, vol. 26, [illegible] 1960.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

[illegible]

[illegible] [Main [illegible] Navy]. [illegible]

[illegible]

[illegible] [HERALD OF THE AIR FLEET]. [illegible] Moscow, [illegible]

[illegible] Moscow, [illegible]

b. NAVAL SCIENCE

[illegible]

[illegible]

[illegible]

[illegible] Moscow, [illegible]

[illegible] June 1960.

PART C

List of Periodicals and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Arkh. anat., gist. i embr. (13e)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Atom. energ. (16e)	Atomnaia energiia [Atomic Energy]
Atomnaia tekhnika za rubezhom (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom. svar. (16f)	Akademiia nauk USSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom., telem. i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Telemechanics, and Communication]
Avtomatyka (16e)	Avtomatyka [Automatic Control]. In Ukrainian.
Azerb. med. zhur. (14a)	Azerbaidzhan tibb zhurnaly. Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]. Parallel text in Azerbaijani and Russian
Belar. zbor. (1a)	Belaruski zbornik [White Russian Review]. In White Russian.
Belarus' (1b)	Belarus' [White Russia]. In White Russian.
Bet. i zhel. bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bibl. SSSR (2b)	Biblioteki SSSR [Libraries of the U.S.S.R.]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biofizika (13c)	Biofizika [Biophysics]
Biol. v shkole (13c)	Biologiia v shkole [Biology in Schools]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul. Glav. bot. sada (13c)	Moscow. Glavnyi botanicheskii sad, Pashkinskoe. Biulleten' [Main Botanical Garden. Bulletin]
Biul. Inst. biol. AN BSSR (13c)	Akademiia navuk BSSR, Minsk. Instytut biialogii. Biulleten' [Academy of Sciences of the White Russian S.S.R. Institute of Biology. Bulletin]
Biul. MOIP. Otd. biol. (13e)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul. MOIP. Otd. geol. (12e)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
Biul. Okean. kom. (12b)	Akademiia nauk SSSR. Okeanograficheskaia komissiia. Biulleten' [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Bulletin]
Biul. sta. opt. nabl. isk. sput. Zem. (15b)	Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
Biul. stroi. tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul. tekh.-ekon. inform. (16a)	Moscow. Tsentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [Central Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. Verkh. Suda (7)	Russia (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]

Blok. agit. [Len.] (6)	Bloknot agitatora [The Agitator's Notebook]. For Leningrad City and Province.
Blok. agit. [Ukr.] (6)	Bloknot agitatora [The Agitator's Notebook]. For the Ukraine.
Blok. agit. [Ukr.] (6)	Bloknot agitatora [The Agitator's Notebook]. For the Ukraine. [In Ukrainian.]
Bot. mat. Gerb. (13e)	Akademiia nauk SSSR. Botanicheskii institut. Gerbarii. Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute. Herbarium. Botanical Materials]
Bot. mat. Otd. spor. rast. (13e)	Akademiia nauk SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]
Bot. zhur. (13e)	Botanicheskii zhurnal [Botanical Journal]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bukhg. uchet (5a)	Bukhgalterskii uchet [Accounting]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Chto chitat' (2a)	Chto chitat' [What to Read]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Der. prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl. AN Arm. SSR (13a)	Akademiia nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S.S.R. Reports]
Dokl. AN Azerb. SSR (13a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S.S.R. Reports]
Dokl. AN BSSR (13a)	Akademiia navuk BSSR, Minsk. Doklady [Academy of Sciences of the White Russian S.S.R. Reports]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Dop. AN URSR (13a)	Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]. In Ukrainian.
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Dosl. i mat. z ukr. movy (11a)	† Doslidzhennia i materialy z ukrains'koi movy [Studies and Materials on the Ukrainian Language]. In Ukrainian.
Ekon. sel'khoz. (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. i tepl. tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; supplement to the periodical "Electric Power Stations"]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Fel'd. i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz. met. i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiziol. zhur. [Ukr.] (13e)	Fiziologichnyi zhurnal [Physiological Journal]. In Ukrainian.
Flora SSSR (13c)	Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR [Academy of Sciences of the U.S.S.R. Botanical Institute. Flora of the U.S.S.R.]
Gaz. prom. (16e)	Gazovaia promyshlennost' [Gas Industry]
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]

Geol. nefti i gaza (16b)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol. rud. mestorozh. (16b)	Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
Gidr. i mel. (16a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr. stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidroliz. i lesokhim. prom. (16e)	Gidroliznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Gor. zhur. (16b)	Gornyi zhurnal [Mining Journal]
Grazhd. av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Inform. biul. NIIGA (12e)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Informatsionnyi biulleten' [Scientific Research Institute of Arctic Geology. Information Bulletin]
Inform. biul. Sov. antark. eksp. (1a)	Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Ser. 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical and Geological-Geographical Sciences, Technology and Technological Sciences, Technological Catalogs of Foreign Firms]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Ser. 2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 2: Biological, Medical and Agricultural Sciences]
Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences and Belles Lettres]
Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]
Inostr. lit. (11b)	Inostrannaia literatura [Foreign Literature]
Inzh.-fiz. zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Ist. arkh. (4a)	Istoricheskii arkhiv [Historical Archives]
Ist.-filol. sbor. (4a)	Akademiia nauk SSSR. Komi filial, Syktyvkar. Istoriko-filologicheskii sbornik [Academy of Sciences of the U.S.S.R. Komi Branch. Historical and Philological Review]
Ist.-filol. zhur. (4a)	Akademiia nauk Armianskoi SSR, Erivan. Istoriko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
Itogi nauki: Fiz.-mat. nauki (13f)	Itogi nauki: Fiziko-matematicheskie nauki [Achievements of Science: Physicomathematical Sciences]
Iun. tekh. (16a)	Iunyi tekhnik [Young Technician]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv. AN Arm. SSR. Khim. nauki (13d)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Khimicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Chemical Sciences]
Izv. AN Arm. SSR. Obshchest. nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]. In Russian and Armenian
Izv. AN Arm. SSR. Ser. fiz.-mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. AN Arm. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Kazakh. SSR. Ser. bot. i pochv. (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. [illegible] Series in Botany and Soil Science]
Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. [illegible] Academy of Sciences [illegible] Philosophy [illegible]
Izv. AN Kazakh. SSR. Ser. energ. (16e)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. [illegible] Kazakh [illegible]
Izv. AN Kir. SSR. Ser. biol. nauk (13c)	[illegible] Izvestiia [illegible]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk [illegible] Bulletin [illegible]
Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. (16a)	Akademiia nauk [illegible]
Izv. AN SSSR. Ser. biol. (13c)	[illegible] Bulletin, Bio[illegible]
Izv. AN SSSR. Ser. fiz. (13f)	[illegible] Bulletin [illegible]
Izv. AN SSSR. Ser. geofiz. (13f)	[illegible]
Izv. AN SSSR. Ser. geog. (12e)	[illegible]
Izv. AN SSSR. Ser. mat. (13e)	[illegible]
Izv. AN Uz. SSR. Ser. obshchestv. nauk (1a)	[illegible] Izvestiia [illegible]
Izv. AN Uz. SSR. Ser. tekh. nauk (16a)	[illegible] Izvestiia [illegible]
[illegible] (1a)	[illegible]
[illegible] (12e)	[illegible]
[illegible] (14a)	[illegible]
[illegible]	[illegible]
[illegible] (15f)	[illegible]
[illegible] (1a)	[illegible]
[illegible] (12e)	[illegible]
[illegible] (16)	[illegible]
Izv. vys. ucheb. zav.; Chern. met. (16)	[illegible]
Izv. vys. ucheb. zav.; Elektromekh. (16e)	[illegible]
Izv. vys. ucheb. zav.; Fiz. (13f)	[illegible]
Izv. vys. ucheb. zav.; Geol. i razv. (16b)	[illegible]
Izv. vys. ucheb. zav.; Gor. zhur. (16b)	[illegible]

Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
Izv. vys. ucheb. zav.; neft' i gaz (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Petroleum and Gas]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv. vys. ucheb. zav., stroi. i arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]
Izv. vys. ucheb. zav.; tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Kaz. med. zhur. (14a)	Kazanskii meditsinskii zhurnal [Kazan Medical Journal]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. mash. (16c)	Khimicheskoe mashinostroenie [Chemical Machine Building]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Khol. tekh. (16c)	Kholodil'naia tekhnika [Refrigeration Engineering]
Klub (5e)	Klub [The Club]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Kommunist (6)	Kommunist [Communist]
Komsom. zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kraeved. sbor. (12b)	Geograficheskoe obshchestvo SSSR. Buriatskii filial. Kraevedcheskii sbornik [Geographic Society of the U.S.S.R. Buryat Branch. Regional Studies Papers]
Krat. soob. Inst. arkheol. AN URSR (4b)	Akademiia nauk URSR, Kiev. Instytut arkheologii. Kratkie soobshcheniia [Academy of Sciences of the Ukrainian S.S.R Institute of Archaeology. Brief Reports]
Krat. soob. Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Brief Reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kul't. i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]
Letopis' gazetnykh statei (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Letopis' zhurnal'nykh statei (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]
Litopys knyh (2a)	Litopys knyh [Book Chronicle]. In Ukrainian.
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Masloboino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mast. ugl. (16h)	Master uglia [Master of Coal]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. i soob. Issl. otd. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
Matematika (13e)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics; Translations of Foreign Articles]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
Med. zhur. Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Metalloved. i term obr. met (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mir ekon. i mezhdunar. otn (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mir nauki (13a)	Mir nauki [Scientific World]
Mol. komm. (6)	Molodoi kommunist [The Young Communist]
Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Moskva (11b)	Moskva [Moscow]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Nauch. dokl. vys. shkoly; ist. nauki (4a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; istoricheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Historical Sciences]
Nauch. soob. TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Scientific Report]
Nauka i rel. (3b)	Nauka i religiia [Science and Religion]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Nauka i zhyttia (13a)	Nauka i zhyttia [Science and Life]. In Ukrainian.
Neft. khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nek. probl. meteor. (13f)	† Nekotorye problemy meteorologii. Sbornik statei; 2 razdel programmy MGG (meteorologiia). Some Problems of Meteorology. Articles; 2nd Section of the IGY Program (Meteorology)
Neva (11b)	Neva
Nov. i nov. ist. (4a)	Novaia i noveishaia istoriia [Modern and Recent History]
Nov. inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. lit. po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov. inostr. lit. po ist., arkheol. i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology and Ethnography]
Nov. inostr. lit. po lit. (11b)	† Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Books Abroad Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Books Abroad. Series B: Technology]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Books Abroad. Series V· Biology, Medicine, Agriculture]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po evrop. stran nar. dem: Veng. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii: Vengriia [New Literature on European People's Democracies: Hungary]
Nov. lit. po evrop. stran. nar. dem. i slav.· Bolg. (2a)	Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies: Bulgaria]

slav Chekh. (2a)	ture on European People's Democracies and Slavic Studies Czechoslovakia]
Nov.lit po evrop. stran.nar.dem. i slav. Pol' (2a)	† Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu Pol'sha [New Literature on European People's Democracies and Slavic Studies Poland]
Nov.lit po IUg (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov sov i inostr. lit.po stran zarub.Vost (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov.sov.lit o nauke i nauch.-issl rab v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov.sov lit po filos. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov.sov.lit.po iaz (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov.sov.lit po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov.vrem. (6)	Novoe vremia [New Times]
Novi knyhy URSR (2a)	Novi knyhy URSR [New Books of the Ukrainian S.S.R.]. In Ukrainian.
Novye knigi (2a)	Novye knigi [New Books]
Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia [New Books Abroad on Social Sciences, Economics, Philosophy, History]
Novyi mir (11b)	Novyi mir [The New World]
Obm.tekh opyt.na avt.transp. (16g)	† Obmen tekhnicheskim opytom na avtomobil'nom transporte [Exchange of Technical Experience in Automotive Transportation]
Obshcheobr.shkola vzrosl. (8a)	Obshcheobrazovatel'naia shkola vzroslykh [General Schools for Adults]
Obshchestv.pit (16i)	Obshchestvennoe pitanie [Public Food Service]
Ogonek (1b)	Ogonek [The Little Light]
Okhr.truda i sots. strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Oktiabr' (11b)	Oktiabr' [October]
Opr.po faune (13c)	Opredeliteli po faune SSSR [Guides to the Fauna of the U.S.S.R.]
Opt.i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Osn., fund.i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Otv.na vop.trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Paleont.zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part.zhizn' (6)	Partiinaia zhizn' [Party Life]
Part.zhizn' Kazakh (6)	Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
Pat.fiziol.i eksp. terap. (14e)	Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]
Pat.,klin.i terap. tub. (14a)	† Patogenez, klinika i terapiia tuberkuleza [Pathogenesis, Clinical Aspects, and Treatment of Tuberculosis]
Plast.massy (16c)	Plasticheskie massy [Plastics]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Poligr.proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit.samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pozh.delo (16d)	Pozharnoe delo [Fire Fighting]
Pratsi Inst.zool. AN URSR (13c)	Akademiia nauk URSR, Kiev. Instytut zoologii. Pratsi [Academy of Sciences of the Ukrainian S.S.R. Zoological Institute. Transactions]. In Ukrainian
Prib.i tekh.eksp. (13f)	Pribory i tekhnika eksperimenta [Instruments and Experimental Techniques]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Priroda (13a)	Priroda [Nature]
Probl.Arkt.i Antarkt. (12b)	Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]
Probl.geokhim. (12c)	† Problemy geokhimii [Problems of Geochemistry]
Probl kib. (13a)	Problemy kibernetiki [Problems of Cybernetics]
Probl.pered.inform. (16e)	Problemy peredachi informatsii [Problems of Transmission of Information]
Prof.-tekh.obr (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom.koop. (16f)	Promyslovaia kooperatsiia [Producers' Cooperation]
Prop.i agit. (17a)	Propagandist i agitator [Propagandist and Agitator]
Put' i put.khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Rab.i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]. In White Russian.
Rad.shk. (8a)	Radians'ka shkola [Soviet School]. In Ukrainian.
Radio (16e)	Radio [Radio]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Rasch na prochn. (16g)	Raschety na prochnost'; teoreticheskie i eksperimental'nye issledovaniia prochnosti mashinostroitel'nykh konstruktsii. Sbornik statei [Strength Analysis; Theoretical and Experimental Investigations of Strength of Elements in Machine Design. Collected Papers]
Raspr.pech. (2c)	Rasprostranenie pechati [Distribution of Publications]
Razved.i okh.nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech.transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref.sbor.: Ekon. prom. (6b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref.zhur.:Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref.zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref.zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref.zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts Mining]
Ref.zhur.: Khim.; Biol.khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref.zhur. Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ref.zhur.: Stroi.i arkhit. (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Sakh.prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor.Inst.stali (16h)	Moscow. Institut stali. Sbornik [Steel Institute. Collected Papers]
Sbor.nauch.rab. Len.inst.sov. torg. (5a)	Leningrad. Institut sovetskoi torgovli. Sbornik nauchnykh rabot [Institute of Soviet Commerce. Collected Papers]
Sbor.nauch.rab. stud.Nauch.-stud.ob-va Kir. un. (1a)	† Frunze. Universitet. Nauchnoe studencheskoe obshchestvo Sbornik nauchnykh rabot studentov [University. Student Scholarly Society. Collected Student Papers]
Sbor.nauch.trud. LISI (16d)	Leningrad. Inzhenerno-stroitel'nyi institut. Sbornik nauchnykh trudov [Civil Engineering Institute. Collected Papers]
Sbor.st.LITMO (16g)	Leningrad. Institut tochnoi mekhaniki i optiki. Sbornik statei [Institute of Precision Mechanics and Optics. Collected Papers]
Sbor.trud.IUZHNII (16d)	† Kharkov. IUzhnyi nauchno issledovatel'skii institut promyshlennogo stroitel'stva. Sbornik trudov [Southern Scientific Research Institute for Industrial Construction. Collected Papers]
Sbor trud.MZPI (2c)	Moscow. Zaochnyi poligraficheskii institut. Sbornik trudov [Correspondence Institute of Printing. Collected Works]
Sbor.trud. TSNIICHM (16h)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Institut stali. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Steel Institute. Collected Papers]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shakht.stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Shvein.prom. (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sil'.bud. (16d)	Sil's'ke budivnytstvo [Rural Construction]. In Ukrainian
Smena (5e)	Smena [The Younger Generation]
Soob.AN Gruz.SSR (1a)	Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports. Russian language edition]
Sots.kul't. (1b)	Sotsialistychna kul'tura [Socialist Culture]. In Ukrainian.
Sots.obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots.zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov.arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov.bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov.deput.trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov.foto (16c)	Sovetskoe foto [The Soviet Photograph]
Sov.geol. (12e)	Sovetskaia geologiia [Soviet Geology]
Sov.gos.i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov.iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov.mor. (17b)	Sovetskii moriak [Soviet Sailor]
Sov.muz. (9b)	Sovetskaia muzyka [Soviet Music]

Sov.pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov.potreb.koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov.profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov.voin (17a)	Sovetskii voin [Soviet Soldier]
Sov.zdrav.Kir. (14a)	Sovetskoe zdravookhranenie Kirgizii [Soviet Health Service of Kirghizia]
Sovetskie knigi (2a)	Mezhdunarodnaia kniga. [Sovetskie knigi (novinki); katalog dlia zakazov. Soviet Books (New Publications); Order Catalog]
Sovr.Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Sovr.Vost. (1b)	Sovremennyi Vostok [The East Today]
Spirt.prom. (16c)	Spirtovaia promyshlennost' [Distilling Industry]
Spisok semian. . AN Kir.SSR (15d)	Akademiia nauk Kirgizskoi SSR, Frunze. Botanicheskii sad. Spisok semian, predlagaemykh v obmen [Academy of Sciences of the Kirghiz S.S.R. Botanical Garden. List of Seeds Offered for Exchange]
Sred.spets.obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (16h)	Stal' [Steel]
Stan.i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stek.i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi.i arkhit (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi.i arkhit.Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi.i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi.i dor.mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Stroi.mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi.mekh.i rasch.soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroi.truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar.proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svod.biul.nov. inostr.knig. Ser.A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Svod.biul.nov. inostr.knig. Ser.B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Svoi.atom.iader (13f)	Svoistva atomnykh iader [Properties of Atomic Nuclei]
Teatr (9c)	Teatr [The Theater]
Tekh.kino i telev. (9a)	Tekhnika kino i televideniia [Motion-Picture and Television Engineering]
Tekh.mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekst.prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Titan i ego splavy (16h)	Titan i ego splavy [Titanium and Its Alloys]
Torf.prom. (16h)	Torfianaia promyshlennost' [Peat Industry]
Traktorist, kombainer i shofer (15a)	Sel'so; obmen opytom v sel'skom khoziaistve. Traktorist, kombainer i shofer [Sel'so; Exchange of Experience in Agriculture. Tractor and Combine Operators and Truck Drivers]
Transp.stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy Alt.GMNII AN Kazakh.SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Altaiskii gornometallurgicheskii nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the Kazakh S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]
Trudy DVFAN SSSR. Ser.geol. (12c)	Akademiia nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Trudy. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Far Eastern Branch. Transactions. Geological Series]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographical Institute. Transactions]
Trudy GPI (16a)	Gorkiy. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Gel'm.lab (13c)	Akademiia nauk SSSR Gel'mintologicheskaia laboratoriia. Trudy [Academy of Sciences of the U.S.S.R. Helmintological Laboratory. Transactions]
Trudy Gidroproekta (16d)	Moscow. Vsesoiuznyi proektno-izyskatel'skii i nauchno-issledovatel'skii institut "Gidroproekt" imeni S.IA. Zhuk. Trudy [All-Union Planning and Research Institute "Gidroproekt," named after S IA. Zhuk. Transactions]
Trudy Gor.-geol. inst.UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy Gos.Erm. (10a)	Leningrad. Ermitazh Trudy [Hermitage. Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IREA (13d)	† Vsesoiuznyi nauchno-issledovatel'skii institut khimicheskikh reaktivov. Trudy [All-Union Scientific Research Institute of Chemical Reagents. Transactions]
Trudy Inst.etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst.fiziol AN BSSR (13c)	Akademiia navuk BSSR, Minsk. Instytut fiziialogii. Trudy [Academy of Sciences of the White Russian S.S R. Institute of Physiology. Transactions]
Trudy Inst.fiziol. AN Kazakh.SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut fiziologii Trudy [Academy of Sciences of the Kazakh S.S.R Institute of Physiology. Transactions]
Trudy Inst mash. Sem.po toch.v mash.i prib. (16g)	Akademiia nauk SSSR Institut mashinovedeniia. Trudy Seminar po tochnosti v mashinostroenii i priborostroenii [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on Precision in Machinery and Instrument Manufacture]
Trudy Inst.morf. zhiv. (13c)	Akademiia nauk SSSR. Institut morfologii zhivotnykh. Trudy [Academy of Sciences of the U S.S.R Institute of Animal Morphology. Transactions]
Trudy Inst.vys. nerv.deiat. Ser.fiziol. (13c)	Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia fiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of the Higher Nervous Function. Transactions. Physiological Series]
Trudy Inst.zool. AN Kazakh.SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]
Trudy Kaf."Avt.i trakt." VZMI (16g)	Moscow. Vsesoiuznyi zaochnyi mashinostroitel'nyi institut. Kafedra "Avtomobili i traktory." Trudy [All-Union Correspondence Machine-Building Institute. Automobile and Tractor Department. Transactions]
Trudy LIETIN (14a)	† Leningrad. Nauchno-issledovatel'skii institut ekspertizy trudosposobnosti i organizatsii truda invalidov. Trudy [Scientific Research Institute of Disability Evaluation and Work Organization for the Handicapped. Transactions]
Trudy LTI (16a)	Leningrad. Tekhnologicheskii institut. Trudy [Technological Institute. Transactions]
Trudy Lab.gidrogeol.probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MATI (16b)	Moscow. Aviatsionnyi tekhnologicheskii institut. Trudy [Technological Institute of Aeronautics. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy Mekhanobr (16h)	Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy [Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions]
[Trudy] NAMI (16g)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut. (Trudy) [State Scientific Research Institute of Automotive Engineering. (Transactions)]
[Trudy] NATI (16g)	Moscow. Gosudarstvennyi soiuznyi nauchno-issledovatel'skii traktornyi institut. (Trudy) [State All-Union Scientific Research Tractor Institute. (Transactions)]
Trudy NIIZHB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]
[Trudy] NIUIF (16c)	Moscow. Nauchnyi institut po udobreniiam i insektofungisidam. (Trudy) [Scientific Institute of Fertilizers and Insectofungicides. (Transactions)]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]

[illegible] met. (10h)	Trudy [Scientific Technological Society of Ferrous Metallurgy. Transactions]
Trudy NTO sud. prom. (17b)	Nauchno-tekhnicheskoye obshchestvo sudostroitel'noy promyshlennosti. Trudy [Scientific Technological Society of the Shipbuilding Industry. Transactions]
Trudy Okean. kom. (12b)	Akademiya nauk SSSR. Okeanograficheskaya komissiya. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
Trudy SAGU (1a)	Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta [University. Transactions of the Central Asia State University]
Trudy SIMSKH (15a)	Saratov. Institut mekhanizatsii sel'skogo khozyaystva. Trudy [Institute of the Mechanization of Agriculture. Transactions]
Trudy Sekt. geog. AN Kazakh. SSR (12b)	Akademiya nauk Kazakhskoy SSR, Alma-Ata. Sektor geografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Section of Geography. Transactions]
[Trudy] TSNIITMASH (10g)	Moscow. TSentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya. (Trudy) [Central Scientific Research Institute of Technology and Machinery Manufacture. (Transactions)]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskiy nauchno-issledovatel'skiy gidrometeorologicheskiy institut. Trudy [Ukrainian Scientific Research Hydrometeorological Institute. Transactions]
Trudy Ural. politekh. inst. (10a)	Sverdlovsk. Ural'skiy politekhnicheskiy institut. Trudy [Ural Polytechnic Institute. Transactions]
Trudy VNIGNI (10h)	Moscow. Vsesoyuznyy nauchno-issledovatel'skiy geologo-razvedochnyy neftyanoy institut. Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
Trudy VNIGRI (13c)	Leningrad. Vsesoyuznyy neftyanoy nauchno-issledovatel'skiy geologo-razvedochnyy institut. Trudy [All-Union Petroleum Geological Prospecting Institute. Transactions]
Trudy VNIIAvtogen (10h)	Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut avtogennoy obrabotki metallov. Trudy [All-Union Scientific Research Institute of Autogenous Working of Metals. Transactions]
Trudy VNIVI (14f)	Moscow. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut. Trudy [All-Union Vitamin Scientific Research Institute. Transactions]
TSement (10d)	TSement [Cement]
TSir. Astron. obser. Khar. un. (13b)	Kharkov. Universitet. Astronomicheskaya observatoriya. TSirkulyar [University. Astronomical Observatory. Circular]
TSitologiia (11c)	TSitologiya [Cytology]
TSvet. met. (10b)	TSvetnyye metally [Nonferrous Metals]
Uch. zap. AGU. Biol. ser. (13c)	Baku. Azerbaydzhanskiy gosudarstvennyy universitet. Uchenyye zapiski. Biologicheskaya seriya [Azerbaijan State University. Studies. Biological Series]
Uch. zap. GGU (1a)	Gorkiy. Universitet. Uchenyye zapiski [University. Studies]
Uch. zap. Kaf. filos. RPI (1a)	Rostov-on-Don. Gosudarstvennyy pedagogicheskiy institut. Kafedra filosofii. Uchenyye zapiski [State Pedagogical Institute. Department of Philosophy. Studies]
Uch. zap. Kaf. gos. prava IMO (7)	Moscow. Institut mezhdunarodnykh otnosheniy. Kafedra gosudarstvennogo prava. Uchenyye zapiski [Institute of International Relations. Department of Constitutional Law. Studies]
Uch. zap. Kaf. zarub. lit. MGPI (11b)	Moscow. Moskovskiy gosudarstvennyy pedagogicheskiy institut. Kafedra zarubezhnoy literatury. Uchenyye zapiski [Moscow State Pedagogical Institute. Department of Foreign Literature. Studies]
Uch. zap. Khar. derzh. bibliot. inst. (1a)	Kharkov. Derzhavnyy bibliotechnyy instytut. Ucheni zapysky [State Library Institute. Studies]. In Ukrainian
Uch. zap. LGU (1a)	Leningrad. Universitet. Uchenyye zapiski [University. Scientific Records]
Uch. zap. Ped. inst. Gerts. (1a)	Leningrad. Gosudarstvennyy pedagogicheskiy institut im. A. I. Gertsena. Uchenyye zapiski [State Pedagogical Institute. Scientific Records]
Uch. zap. 2-go MGMI (14a)	Moscow. Vtoroy moskovskiy gosudarstvennyy meditsinskiy institut. Uchenyye zapiski [Second Moscow State Medical Institute. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (6b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' (10h)	Ugol' [Coal]
Ugol' Ukr. (10h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. bot. zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]. In Ukrainian
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]. In Ukrainian
Ukr. khim. zhur. (13d)	Ukrainskiy khimicheskiy zhurnal [Ukrainian Chemical Journal]
Ukr. mova v shkoli (11a)	Ukrains'ka mova v shkoli [Ukrainian Language in Schools]. In Ukrainian.
Ukraina (1b)	Ukraina [The Ukraine]. In Ukrainian.

	[illegible]
Usp. khim. (13d)	[illegible]
Usp. nauch. fot. (10c)	[illegible]
Usp. sovr. biol. (11c)	[illegible] Contemporary [illegible]
Uzb. biol. zhur.	[illegible] Journal]
Uzbekiston (1b)	[illegible]
V pom. chit. (2a)	[illegible]
V pom. radioliub. (10c)	[illegible] Amateurs]
V zashch. mira (6)	[illegible]
Vest. Vyssh. shk. (6)	[illegible]
[illegible] (6)	[illegible]
Vest. AN Kazakh. SSR (1a)	[illegible]
Vest. AN SSSR (1a)	[illegible]
Vest. elektroprom. (10e)	[illegible]
Vest. ist. mir. kul't. (4a)	[illegible]
Vest. LGU (1a)	[illegible]
Vest. mash. (10g)	[illegible]
[illegible]	[illegible]
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Vest. stat. (5b)	[illegible]
[illegible] (10c)	[illegible]
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Vop. filos. (1a)	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

Vop. paleont. (13c)	Voprosy paleontologii [Problems of Paleontology]
Vop. psikhol. (5a)	Voprosy psikhologii [Problems of Psychology]
Vop. raket. tekh. (16b)	Voprosy raketnoi tekhniki, sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering, Translations and Surveys of Foreign Periodical Literature]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. stud. nov. (7a)	Vsemirnye studencheskie novosti [World Student News]
Vzryv. delo (16b)	Vzryvnoe delo [Blasting]
Za bezop. dvizh. (16g)	Za bezopasnost' dvizheniia [For Traffic Safety]
Zap. Uzb. otd. Vses. min. ob-va (13c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Uzbekistanskoe otdelenie. Zapiski [All Union Mineralogical Society. Uzbekistan Branch. Records]
Zap. Vses. min. ob-va (13c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All Union Mineralogical Society. Records]
Zarubezhnaia radio-elektronika (16e)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav. lab. (16b)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Belor. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]

(16g)	
Zhen. mira (5e)	Zhenshchiny mira [Women of the Whole World]
Zhil.-kom. khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhil. stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. nauch. i prikl. fot. i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. ob. biol. (13e)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. prikl. khim. (16e)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Znamia (11b)	Znamia [The Banner]
Znan.-sila (13a)	Znanie - sila [Knowledge is Power]
Zool. zhur. (13e)	Zoologicheskii zhurnal [Zoological Journal]
Zvezda (11b)	Zvezda [The Star]

in treating chorea minor.
F.V.Berezin. Zdrav.Kazakh. 18 no.1:51-55 '58.

ABAKUMOV, EGOR TROFIMOVICH, 1895
Promoter of progress in equipment and techniques. V.Alekseenko. Mast.ugl. 9 no.6:28 '60.

ABASHIDZE, GRIGOL, 1914
Abkhatze, Sh.N. Grigol Abashidze. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1958. 47 p.

ABDOMEN--DISEASES
"Acute abdomen" following the bite of a karakurt (Latrodectus tredecimguttatus). IA.A.Blagodarnyi. Zdrav. Kazakh. 18 no.1:60-64 '58.

Gurovich, N.I. [Acute surgical diseases of the abdomen] Ostrye khirurgicheskie zabolevaniia briushnoi polosti. Izd.3., ispr.i dop. Moskva, Medgiz, 1959. 134 p. (Biblioteka prakticheskogo vracha)
(DNLM)

Khromov, B.M. [Sudden surgical diseases of the abdominal organs] Vnezapnye khirurgicheskie zabolevaniia organov briushnoi polosti. Leningrad [LDNTP] 1959. 40 p.
(DNLM)

Pathology of Meckel's diverticulum as a cause of "acute abdomen." A.A.Plavinskii. Zdrav.Belor. 1 no.1:49 Mr '58

ABDOMEN--TUMORS
Retroperitoneal extra organic tumors. P.N.Bulatov. Kaz.med.zhur. 40 no.6:74-78 N-D '59.

ABDULOV, O.N.
"To my Soviet Colas Breugnon..." O.D. Teatr 21 no.7:160 Jl '60

ABDURAKHMANOV, NADIR
In Korea. L.Fedorova. Iskusstvo 33 no.6:33-34 '60.

ABEGHIAN, MANUK, 1865-1944
A distinguished scholar of Armenian culture [In Armenian with summary in Russian]. A.T.Ganalanian. Ist.-filol. zhur. no.4:145-152 '59.

ABELIAN GROUPS
Central expansions by means of thin finite-layer groups. L.I.Eremin. Izv.vys.ucheb.zav.; mat. no.2:91-95 '60.

ABELL, KJELD, 1901
Wilting camellias ("Lhet amille"; a three-act play based on the novel by Alexandre Dumas [in Danish] by Kjeld Abell. Reviewed by Vl.Matusevich). Inostr.lit. no.7:269-270 Jl '60.

ABIN REGION (KRASNODAR TERRITORY)--REMOTE CONTROL
Testing the remote control system in fields of the Abin Petroleum Trust. L.A.Khitrykh. Neftianik 5 no.6:11-13 Je '60.

ABKHAZIA--GASTROPODA, FOSSIL
Biometric study of Cimmerian representatives of the genus Viviparus. V.IA.Tabotakova. Paleont.zhur no.2:97-109 '60.

ABNORMALITIES (PLANTS)
Abnormalities in some plants. M.A.Bagirov. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.3:31-38 '60.

Abnormalities of plants and their use in floriculture. N.I.Maliutin. Bot.zhur. 45 no.5:710 My '60.

Morphological variability of plants due to boron deficiency [with summary in English]. M.IA.Shkol'nik, A.I.Maevskaia. Bot.zhur. 45 no.6:805-811 Je '60.

A rare case of the formation of paired inflorescences in Tilia amurensis Rupr. D.V.Gilznik. Bot.zhur. 45 no.5:770 My '60.

ABORTION
The harm of abortion. T.Dyla. Belarus' 17 no.7:29 Jl '60

Methods of testing metals for abrasion wear at high temperatures. I.I.Lebashuk. Zav.lab. 26 no.6:754 [illegible] '60.

ABRASIVES
Distribution of temperature in abrasive pencils during thermal treatment (firing) [with summary in English]. Sh.N.Plint. Inzh.-fiz.zhur. no.7:[illegible] Jl '60

ABRASIVES--STANDARDS
Marking of abrasive materials. O.N.Limonova. Standartizatsiia 24 no.6:26-28 Je '60

ABRASIVES--TESTING
Checking the hardness of abrasive workpieces by means of elastic characteristics. [illegible] M.Rapoport, [illegible] Vest.mashinostr. 40 no.7:57-61 Jl '60.

ABRASIVES INDUSTRY See subdivision under Zaporozh'ye

ABSENCE AND PRESUMPTION OF DEATH
From the editor's mail. Sov.iust. no.7:24-25 Jl '60.

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION
Study of absorption kinetics [illegible] [illegible] Zhur.prikl.khim. [illegible] Jl '60.

ABSORPTION (PHYSIOLOGY)
Castle's intrinsic factor and the [illegible] B12. [illegible] Vasilevskii. [illegible] My-Je '60

Functional changes in the absorption capacity of the intestine during prolonged [illegible] [with summary in English] [illegible] Fiziol.zhur. [Ukr.] [illegible]

ABSORPTION OF LIGHT
Investigating interstellar light absorption [illegible] the center [illegible] [with summary in English] [illegible] Izv.Krym.astrofiz.obser. [illegible] '60.

ABSORPTION SPECTRA
Determining the parameters which give the [illegible] of absorption bands. I.V.[illegible] Opt.i spektr. 8 no.1:116-117 Ja '60.

Experimental determination of the [illegible] band parameters in liquids. [illegible] Opt.i spektr. 8 no.1:118-120 Ja '60

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE KAZAKH S.S.R.
Annual general assembly of the Academy of Sciences of the Kazakh S.S.R. (April 27, 1960). [illegible] Sh.Ch.Chokin. Vest.AN Kazakh.SSR 16 no.5:[illegible] My '60.

ACADEMY OF SCIENCES OF THE U.S.S.R.
(see also subdivision under Siberia)

Annual general assembly of the Academy of Sciences of the U.S.S.R. Izv.AN [illegible] '60.

Appointments and transfers. Vest.AN [illegible] 30 Jl '60

Electing the chief academic secretary of the Presidium of the Academy. Vest.AN [illegible]

Election of new members of the Academy at the General Assembly of the Academy of Sciences [illegible] June 10, 1960. Vest.AN [illegible]

Organization of new scientific institutions [illegible] of the Academy. Vest.AN [illegible]

ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R.
Approval of research plans and [illegible] of the Ukrainian S.S.R. Academy of Sciences for 1960. Dop.AN URSR no.4:[illegible]

Brief items. Dop.AN URSR no.4:[illegible]

[illegible] Vklad [illegible] [illegible] 1960. 104 p.

[illegible]

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ACADEMY [illegible] JAN [illegible]

[illegible]

ACCELERATORS see Particle accelerators

ACCI[illegible] [illegible]

ACCO[illegible]

ACC[illegible]

ACC[illegible]

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ACETALS

Saponification of tetraethylacetals of β-dicarbonyl compounds, and certain ways of utilizing the compounds thus formed. V.I. Kucherov, L.A. IAnovskaia, B.G. Kovalev. Dokl. AN SSSR 143 no.2:370-373 Jl '60.

Synthesis of acetals of aliphatic aldehydes. L.F. Chelpanova, V.D. Nemirovskii. Trudy LTI no.58:55-56 '59.

ACETAMIDE

Colorimetric determination of heavy metals with thioacetamide. G.G. Karanovich. Trudy IREA no.23:96-101 '59.

Thermal analysis of the ternary system acetamide - acetic acid - phenylacetic acid. V.F. Chesnokov, I.M. Bokhorkin. Zhur. ob. khim. 30 no.7:2124-2127 Jl '60.

ACETATE SILK see Rayon

ACETIC ACID

(see also subdivision under Slava)

Acid-base equilibria in glacial acetic acid. Part 2: Electric conductivity and dissociation constants of mineral acids [with summary in English]. A.M. Shkodin. Zhur. fiz. khim. 34 no.7:1625-1633 Jl '60.

Consumption of acetic and propionic acids by Chromatium vinosum in case of their simultaneous presence in the culture medium [with summary in English] V.N. Shaposhnikov, L.K. Osnitskaia, V.I. Chudina. Mikrobiologiia 29 no 3 320-322 My-Je '60

Corrosion resistance of steel materials used in the production of acetic acid. E.A. Fedotov, I.G. Voitkova, A.V. Zhdanova. Gidroliz. i lesokhim. prom. 13 no.4: 15-16 '60.

Desorption of radioisotopes from some aquatic invertebrates. A.B. Getsova. Dokl. AN SSSR 133 no.2:459-461 Jl '60.

Effect of sodium salt of ethylenediaminetetraacetic acid on the behavior of radiocobalt in the soil - plant system. N.V. Kulikov. Dokl. AN SSSR 133 no.3 699-701 Jl '60.

Method for the continuous production of the methyl and ethyl esters of formic and acetic acid. V.M. Turoln, N.D. Kolotilova. Trudy VNIVI 6:31-33 '59.

On the physicochemical investigation of the binary system hydrazineacetic acid. V.I. Semishin. Zhur. ob. khim. 30 no.7:2436-2437 Jl '60.

Physicochemical analysis of systems formed by alcohols with organic acids. Part 3: System ethyl alcohol-chloroacetic acid [with summary in English]. Z.S. Drotman. Zhur. fiz. khim. 34 no.7:1601-1604 Jl '60.

Preparation of acids from wood powder. L.A. Alferova, V.I. Katunina. Gidroliz. i lesokhim. prom. 13 no.4:9-10 '60.

Regeneration of the acetic acid solution used in washing off a paper electrophoregram. IU.IA. Gofman. Lab. delo 6 no.3,27-28 My-Je '60.

Replacing copper in the equipment used for the production of acetic acid and butyl acetate. P.I. Kulakov. Gidroliz. i lesokhim. prom. 13 no.5:24-26 '60.

Some glycol esters of dialkylaminoacetic and propionic acids. A.L. Mndzhoian, O.L. Mndzhoian, O.E. Gasparian. Izv. AN Arm. SSR. Khim. nauki 12 no.6:425-433 '59.

System acetic anhydride - sulfuric acid. Part 2: Synthesis of sulfoacetic acid and volumetric investigations of an "artificial system." T.V. Mal'kova. Zhur. ob. khim. 30 no.7:2120-2124 Jl '60.

Thermal analysis of the ternary system acetamide - acetic acid - phenylacetic acid. V.F. Chesnokov, I.M. Bokhovkin. Zhur. ob. khim. 30 no.7:2124-2127 Jl '60.

Use of trilon in the analysis of the active masses of a storage cell and of lead oxide. N.A. Filippova, T.F. Dubrovskaia. Zav. lab. 26 no.6:711-716 '60.

ACETIC ANHYDRIDE

System acetic anhydride - sulfuric acid. Part 1: Atomic concentration, viscosity, and refraction index of the system. T.V. Mal'kova. Zhur. ob. khim. 30 no.7: 2113-2120 Jl '60.

ACETOACETIC ACID

Quinones. Part 33: Condensation of arylnaphthoquinones with sodium enolates of acetoacetic and malonic esters and their analogs. A.N. Grinev, A.S. Mezentsev, A.P. Terent'ev. Zhur. ob. khim. 30 no.7:2306-2311 Jl '60.

ACETOBACTER

Phylogenic relationships of acetic acid bacteria [with summary in English] M.S. Loitsianskaia, L.E. Safronova. Mikrobiologiia 29 no.3:336-342 My-Je '60.

ACETONE

Acetone made from corncobs. Tekh. mol. 28 no.5:9 '60.

Gas adsorption chromatography in the analysis of gases in the production of phenol, acetone, and synthetic alcohol. A.N. Korol'. Khim. i tekh. topl. i masel 5 no.6:60-63 Je '60.

Gasometric micromethod of determining acetone in exhaled air from children with diabetes mellitus IU.A. IUrkov, N.P. Valedinskaia. Vop okh mat i det. 5 no 4,37-40 Jl-Ag '60.

Production of furfurylideneacetone from vapor condensates formed in the spontaneous evaporation of hydrolyzates. G.K. Utkin. Gidroliz. i lesokhim. prom. 13 no.4:15-16 '60.

Synthesis and rearrangements in the thiazoline imine series. Part 1: Condensation of chloroacetone and α-chlorocyclohexanone with sym. diaryl- and arylacylthioureas K.M. Murav'eva, M.N. Shchukina. Zhur. ob khim. 30 no.7:2327-2334 Jl '60.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 10: Dissociation constants of bases in acetone and in an aqueous solution of 90% acetone [with summary in English]. N.A. Izmailov, T.V. Mozharova. Zhur. fiz. khim. 34 no.7:1543-1552 Jl '60.

ACETONITRILE

Catalytic method of obtaining acetonitrile. I.M. Lisnianskii, E.S. Zhdanovich. Trudy VNIVI 6 23-27 '59.

Fluorination of an acetonitrile complex by means of boron trifluoride. M.A. Englin and others. Zhur. ob. khim. 30 no.7 2371-2374 Jl '60.

ACETOPHENONE

Synthesis and rearrangements in the thiazoline imine series. Part 2: Condensation of ω-bromoacetophenone with N-phenyl-N'-acylthioureas. K.M. Murav'eva, M.N. Shchukina. Zhur. ob. khim. 30 no.7:2334-2340 Jl '60.

ACETYL CHLORIDE

Liquid - vapor phase equilibria in systems formed by $TiCl_4$ with chloro- and trichloroacetyl chlorides. G.V. Seriakov, S.A. Vaks, L.S. Sidorina. Zhur. ob. khim. 30 no.7:2130-2133 Jl '60.

ACETYLCHOLINE

Acetylcholine and histamine content of blood during different periods of pregnancy. B.G. Saindian. Izv. AN Arm. SSR. Biol. nauki 13 no.1:63-73 Ja '60.

Reactivity of denervated muscles in the process of restoration [with summary in English]. A.R. Striganova. Izv. AN SSSR. Ser. biol. no.3:409-418 My-Je '60.

ACETYLENE

On the order of addition of water and alcohols to vinylacetylenic hydrocarbons. A.A. Petrov, D.S. Kupin. Zhur. ob. khim. 30 no.7:2430 Jl '60.

Rapid filling of acetylene cylinders. I.I. Strizhevskii. Svar. proizv. no.8:28-29 Ag '60.

Raw products from a jet exhaust. L. Itel'son. Tekh. mol. 28 no.6:4, 6-7 '60.

Stereochemistry of reactions of addition to a triple bond. Report No. 5: Stereochemistry of bromination of disubstituted acetylenes. L.D. Bergel'son. Izv. AN SSSR, Otd. khim. nauk no.6:1066-1072 Je '60.

Stereochemistry of reactions of addition to a triple bond. Report No. 6. Comparative study of the steric orienting influence in the bromination of disubstituted acetylenes and olefins. L.D. Bergel'son, I.P. Badenkova. Izv AN SSSR, Otd. khim. nauk no.6:1073-1079 Je '60.

ACETYLENE—STORAGE

Porous materials for acetylene cylinders. I.I. Strizhevskii. Trudy VNIIAvtogen no.7:177-186 '60.

ACETYLENE COMPOUNDS

Chemistry of organic oxides. Part 17: Interaction between primary-secondary acetylenic oxides and methylamine. V.M. Al'bitskaia, E.M. Bliakhman, A.A. Petrov. Zhur. ob. khim. 30 no.7:2267-2269 Jl '60.

Synthesis of macrocyclic diacetylenic lactones. L.D. Bergel'son, IU.G. Molotkovskii, M.M. Shemiakin. Izv. AN SSSR. Otd. khim. nauk no.6:1130 Je '60.

ACETYLENE GENERATORS

ANV-1-56, an acetylene generator. Khim. prom. no.1: 87 Ja-F '60.

Investigating the effect of pressure in gas generators on the "dry" hydrolysis of calcium carbide. S.P. Kal'manovich. Trudy VNIIAvtogen no.7:167-176 '60.

Material balance of the carbide hydrolysis process in "carbide to water"-type generators. I.I. Strizhevskii, S.P. Kal'manovich. Trudy VNIIAvtogen no.7:146-166 '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. [Handling and operation of portable acetylene generators] Ekspluatatsiia perenosnykh atsetilenovykh generatorov. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 78 p. (Spravochnye materialy, no.18)

USN-56, a stationary unit for the production of dissolved acetylene. Khim. prom. no.1:86-87 Ja-F '60.

ACID-BASE EQUILIBRIUM

Acid-base equilibria in glacial acetic acid. Part 2: Electric conductivity and dissociation constants of mineral acids [with summary in English]. A.M. Shkodin. Zhur. fiz. khim. 34 no.7:1625-1633 Jl '60.

Change in the acid-base balance in rabbits following the acute and long-term action of X rays. E.I. Floca. Zdravookhranenie 3 no 2:51-56 Mr-Ap '60

ACIDS

Formation of polyamide resins from caprolactam, diamines, and dicarboxylic acids. A.F. Shpital'nyi, M.A. Shpital'nyi, IA.A. Kharit. Khim. volok no 3 13-14 '60.

Precipitation of alkali metals with certain triheteroacids [with summary in English]. V. Kourzhim, A.K. Lavrukhina. Zhur. anal. khim. 15 no.3:272-276 My-Je '60.

Production of dicarboxylic acids from hydroxy acids B L. Moldavskii Khim prom 2 112-115 Mr '60

ACIDS, FATTY

Alaev, B.S., N.K Man'kovskaia, and A.M. Shiman. [Manufacture of synthetic fatty acids] Proizvodstvo sinteticheskikh zhirnykh kislot. Moskva, Pishchepromizdat, 1960. 122 p.

ACIDS, ORGANIC

Expanding the production of food acids. S.I. Brovkin. Khleb. i kond. prom. 4 no 7:1-3 Jl '60.

Pathways of organic acid synthesis and conversion in Actinomyces violaceus [with summary in English] M N Bekhtereva Mikrobiologiia 29 no 3 329-335 My-Je '60

Preparation of acids from wood powder. L.A. Alferova, V.I. Katunina. Gidroliz. i lesokhim. prom. 13 no.4:9-10 '60.

Synthesis of branched acids of the $C_nH_{2n+1}COOH$ series, having the composition C_{12}-C_{16}. G.I. Nikishin, IU.N. Ogibin. A.D. Petrov. Zhur. ob. khim. 30 no.7: 2148-2153 Jl '60.

ACORNS

Some characteristics of acorns of evergreen and deciduous oak species. A.P. Bandin. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3 17-21 '60.

ACOUSTICAL MATERIALS—TESTING

Unit for testing soundproofing properties of building materials. V.I. Riazantsev, B V. Spektor Visnyk ABIA URSR no.2:64-65 '60.

ACRIDINE

Condensation of aldehydes and ketones. Part 6: Conversion of phenyl- and furyltricyclohexanolones into 9-phenyl- and furylhydroacridines. N.M. Tilichenko, V.G. Kharchenko. Zhur. ob. khim 30 no.7:2283-2285 Jl '60.

ACRYLIC ACID

New heat-resistant cast material based on cellulose acetobutyrate and polymethylacrylate E A. Militskova, A D Sokolov Plast massy no 5 6-9 '60

New polymers ("Polyester acrylates, glass reinforced plastics and articles manufactured from them" by A.A. Berlin and others. Reviewed by V. Ivanova). Tekh. mol. 28 no.5:16-17 '60.

Synthesis and some properties of polyester acrylates A A Berlin. Khim. prom 2 102-108 Mr '60.

ACRYLIC FIBERS, ORLON see Orlon

ACRYLONITRILE

Copolymerization of acrylonitrile and α-vinylpyridine in an aqueous solution of sodium thiocyanate M.A. Zharkova, G I. Kudriavtsev. Khim volok. no.3 15-18 '60

Dyeing of polyacrylonitrile fiber in the presence of monovalent copper A A Geller, A.B. Pakshver. Khim volok no 3 19-21 '60

Effect of oxygen and stirring on the oxidation-reduction polymerization of acrylonitrile in the aqueous phase. L.M. Pyrkov. Zhur. prikl. khim. 33 no.5:1154-1157 My '60.

ACTING

The author and the actor. IU. IUzovskii. Vop. lit. 4 no.8:28-48 Ag '60.

Believe in Stanislavskii! M. Knebel'. Teatr 21 no.8: 160-161 Ag '60.

Disturbing thoughts. Aleksei Popov. Teatr 21 no.8: 42-52 Ag '60.

ACTING—STUDY AND TEACHING

(see also subdivision under Vladivostok)

With a diploma from the State Institute of Theatrical Art A. Nikolaev. Teatr 21 no 6:154-155 Je '60.

ACTINOMYCES

Adsorption of actinophages by actinomycetes susceptible to them [with summary in English]. N P. Fadeeva, IA.I. Rautenshtein, I.E. El'piner. Mikrobiologiia 29 no 3:388-394 My-Je '60

Comparative characteristics of some strains of actinomycetes producing actinomycin [with summary in English]. N.K. Solov'eva, I.D. Delova. Antibiotiki 5 no.1:20-25 Ja-F '60.

Comparative characteristics of strains of Act. rimosus (producer of oxytetracycline) and experimentally produced variants [with summary in English]. S.M. Rudaia, N.K. Solov'eva Mikrobiologiia 29 no.3:433-440 My-Je '60.

Comparative evaluation of some methods for the primary selection of antiviral antibiotics [with summary in English]. N.A. Bliumberg, T.P. Vertogradova, I.D. Riabova. Antibiotiki 5 no.1:64-68 Ja-F '60.

On diagnostic significance of various characters in classifying representatives of the genus Actinomyces (Streptomyces) [with summary in English]. T.P Preobrazhenskaia and others. Mikrobiologiia 29 no 3:455-462 My-Je '60 [illegible] acid synthesis and conversion in Actinomyces [illegible] [with summary in English] M. N. [illegible] Mikrobiologiia 29 no. [illegible] My-Je '60.

[illegible] problems of amino acid metabolism in organisms producing oxytetracycline [with summary in English] I. P. Verkhovtseva, N. V. Orlova. Antibiotiki 5 no. 1. [illegible] '60.

Studies on aerobic proactinomycetes. Report No. 2: Morphology. [with summary in English] [illegible] Mikrobiologiia 29 no. [illegible] My-Je '60.

ACTINOMYCIN

Quantitative determination of the amino acid composition of actinomycin [illegible] by distributive chromatography on paper. [illegible] Vest AN Kazakh. SSR 16 no. [illegible] My '60.

ACTINOMYCOSIS

"Actinomycosis of the face, jaws, and neck and contemporary methods of treating it" by [illegible] Reviewed by M. [illegible] Zdrav. Belor. [illegible] My '60.

Diagnosis and treatment of actinomycosis. A. K. [illegible] Zdravookhranenie 3 no. 3:32-35 My-Je '60.

ACTIONS IN REM

Protection of private property: [illegible] actions. V. [illegible] Vestsi AN BSSR [illegible] no. [illegible]

ACTIVATED CARBON see Carbon, Activated

ACTIVITY COEFFICIENTS

Polarographic determination of the activity coefficient of the [illegible] ion [with summary in English]. [illegible] Zhur. fiz. khim. 34 no. [illegible] Je '60.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 8: Ethanol solutions of potassium acetate and [illegible] [with summary in English]. [illegible] Zhur. fiz. khim. 34 no. [illegible] '60.

ACTOMYOSIN

Characteristic of the aging of actomyosin gel solutions. [illegible] Biofizika 5 no. [illegible] '60.

ACTORS

"Careers of an actor" [illegible] Reviewed by N. [illegible] '60.

Unexpected and unforeseen. [illegible] Teatr 21 no. 7:51-57 Jl '60.

ACTORS, GEORGIAN

[illegible] of Georgian actors. Teatr 21 [illegible] '60.

ACTORS, UKRAINIAN—CORRESPONDENCE, REMINISCENCES, ETC.

[illegible] [illegible] New York, [illegible] 1954. 45 p.
(CtY)

ACTORS, WHITE RUSSIAN

Young actors. [illegible] Belarus' [illegible] Jl '60.

ACUPUNCTURE see subdivision under Medicine

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION

Tetraacyloxysilanes in organic synthesis. Part 9: Acylation of [illegible] by silicon [illegible] and [illegible] Part 20: Preparation of organic acid anhydrides from their silicon anhydrides. [illegible] and others. [illegible] '60.

ADAPTABILITY (PSYCHOLOGY)

Methods used in the study of vocational adaptability. [illegible] Dokl. APN [illegible] '60.

ADAPTATION (BIOLOGY)

Cellular adaptations. V. IA. Aleksandrov. Biul. MOIP. Otd. biol. 65 no. 3:[illegible] My-Je '60.

A special feature of the biological form of the motion of matter. K. A. Kostov. Vop. filos. 14 no. 7:124-[illegible] '60.

ADDISON'S DISEASE

Amount of adrenaline-like substances in the blood in Addison's disease [with summary in English]. [illegible] Zefirova, F. A. Matlina. Pat. fiziol. i eksp. terap. 4 no. 3:[illegible] My-Je '60.

ADDITION REACTIONS

[illegible] new reactions of addition between acetylene or [illegible] acids and their esters. [illegible] Dokl. AN SSSR 133 no. 4:[illegible]-850 Ag '60.

ADENOVIRUS INFECTIONS

Pneumonias related to adenoviral infections in children. [illegible] Vop. [illegible] 5 no. [illegible] My-Je '60.

Adhesion of flat plates separated by an oil film. [illegible] Kalinina. [illegible] '60.

Applying the Reynolds [illegible] formula in explaining the adhesion of flat plates separated by an oil film. [illegible] '60.

Effect of the [illegible] of the phosphate film on the adhesion of [illegible] '60.

Role of adhesion in the formation of the [illegible] '60.

ADIPOSE TISSUE—BLOOD VESSELS

Experimental morphological investigation of vascular innervation of adipose tissue [with summary in English]. [illegible] Ag '60.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW

Vlasov, V. A., and [illegible] [Soviet administrative law] Sovetskoe administrativnoe pravo. Moskva, Gos. izd-vo iurid. lit-ry, 1959. [illegible] p.

ADMINISTRATIVE REMEDIES see subdivision under [illegible] District

ADRENAL GLANDS

Role of the [illegible] of the [illegible] '60.

ADRENAL GLANDS—EXCRETION

Study of the [illegible] [illegible] My-Je '60.

ADRENAL GLANDS—INNERVATION

[illegible]

Receptor structures of the [illegible] '60.

ADRENALINE

Amount of adrenaline-like [illegible] Addison's disease [with summary in English] [illegible] Matlina. [illegible]

Effect of acetylcholine and adrenaline on the [illegible] activity of the small intestine [illegible] state and [illegible] [with summary in English] [illegible] Fiziol. zhur. [illegible] no. 2:[illegible] '60.

Influence of adrenaline on the [illegible]

Role of adrenaline in the transmission of [illegible] to the thyroid gland [with summary in English]. [illegible] Biul. eksp. biol. i med. [illegible] '60.

Use of small doses of adrenaline [illegible] [with summary in English]. [illegible] '60.

ADRENOCORTICOTROPIC HORMONE see ACTH

ADSORPTION

Adsorption of [illegible] '60.

Adsorption of [illegible] Pt/Al₂O₃ and Pd/Al₂O₃ in the [illegible] Dokl. AN SSSR [illegible] Jl '60.

Adsorption properties and infrared spectra of [illegible] carbon blacks [with summary in English]. [illegible] and others. Koll. zhur. 22 no. 3:[illegible] My-Je '60.

Adsorption properties of [illegible] Report No. 2: Characteristics of the sorption and water capacity of [illegible] Dokl. AN SSSR [illegible] '60.

Chemical adsorption [illegible] Dokl. AN SSSR 133 no. [illegible] '60.

Effect of crystallographic [illegible] single crystals of metals. [illegible] '60.

Kinetics of hydrogen and oxygen [illegible] on platinum [with summary in English] [illegible] Je '60.

Rapid chromatographic method of [illegible] of gases and vapors [illegible] and others. Dokl. AN SSSR 133 no. 4:[illegible] Ag '60.

[illegible]

AERONAUTICS—AUDIO-VISUAL AIDS

Filmstrips for instructions. B. Mazlov Grazhd av 17 no 6,28 Je '60.

AERONAUTICS—BIBLIOGRAPHY see Bibliography—Aeronautics

AERONAUTICS—CONGRESSES

Important event. Grazhd. av. 17 no. 5·2-3 My '60.

AERONAUTICS—EQUIPMENT AND SUPPLIES

Undertakings and intentions. G. Liubarskii. Grazhd av 17 no 6 5 Je '60

AERONAUTICS—SAFETY MEASURES

The main thing for a Communist is to fly perfectly without accidents. N. F. Akimov, I. S. Dotsenko. Vest. Vozd. Fl. no. 5·8-12 My '60.

When regulations are not followed. S. P. Komarov. Vest. Vozd. Fl. no. 7 64-65 Jl '60.

AERONAUTICS—STUDY AND TEACHING

(see also subdivision under Yegor'yevsk)

Flyers ought to have a thorough knowledge of their equipment. Vest. Vozd. Fl. no. 5;54-55 My '60.

A good understanding is better than mere memorization. V. I. TSvetkov. Vest. Vozd. Fl. no. 7·85 Jl '60.

The study council makes a decision. Vest. Vozd. Fl. no. no. 2·73 F '60.

University for pilots is operational. N. G. Kon'kov. Vest. Vozd. Fl. no. 6:56-60 Je '60.

AERONAUTICS, COMMERCIAL

(see also subdivision under Alma-Ata, Hungary; White Russia)

High percentage, low income. A. Ivanov Grazhd av. 17 no. 6 27 Je '60

Holiday of spring. Grazhd. av. 17 no. 5:1 My '60.

Why we travel by plane. Grazhd. av. 17 no 6·23 Je '60

AERONAUTICS, COMMERCIAL—FREIGHT

Pilot or a commercial agent? L. Shirlaev. Grazhd. av. 17 no. 6 20 Je '60

When sealing becomes a problem. . . I. Zinov'ev and others Grazhd. av. 17 no. 6·20-21 Je '60.

AERONAUTICS, COMMERCIAL—PASSENGER TRAFFIC

No, this is not trivial. A. Petrov. Grazhd. av. 17 no 6· 22 Je '60.

AERONAUTICS, MILITARY—OBSERVATIONS

Be able to orient yourself in the reconnaissance area. M. M. Glebov. Vest. Vozd. Fl. no. 6:10-23 Je '60.

Helicopter in artillery fire direction. A. A. Voinov. Vest. Vozd. Fl. no. 5;24-26 My '60.

Initiative, determination. M. M. Glebov. Vest. Vozd. Fl. no. 7:32-37 Jl '60.

"Lockheed U-2." I. Grigor'ev. Voen. znan. 36 no. 7;39 Jl '60.

Notes about tactical skill of aerial reconnaissance, Part 1: Maneuver. M. M. Glebov. Vest. Vozd. Fl. no. 5·13-18 My '60.

AERONAUTICS IN AGRICULTURE

Aerial "viticulturists." IU. Sukhan. Ukraina no. 14:0 Jl '60.

Nazarov, V. A., and L. D. Lavrov. [Aeronautics in agriculture] Aviatsiia v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 94 p.

AERONAUTICS IN GEOLOGY

Electromagnetic aerial surveying V. Nazarov, L. Artamonov Grazhd. av. 17 no 6,24-25 Je '60.

AERONAUTICS IN MEDICINE see subdivision under Tajikistan

AERONAUTICS IN METEROLOGY

Weather reconnaissance during the day and night. G. G. Mishurnyi. Vest. Vozd. Fl. no. 5;42-48 My '60.

Zaitsev, V. A., and A. A. Ledokhovich. [Instruments and the study of clouds from an airplane] Pribory i metodika issledovaniia oblakov s samoleta. Leningrad, Gidrometeor. izd-vo, 1960. 175 p.

AERONAUTICS IN SURVEYING

Helicopter replaces draft animals. M. S. Kriuger. Geod. i kart. no 5·59-60 My '60.

AEROSOLS

Determination of the actual speed of the α-count in the precipitation of aerosols in FPP-15-1,7 and FPP-25-3,3 filters. IU. T. Kapitanov and others. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 4;118-125 Ap '60.

Determination of the coefficients of vertical intermixing of particles in free atmosphere. A. G. Laktionov. Dokl. AN SSSR 133 no. 4;838-840 Ag '60.

Korotkikh, G. I. [Aerosols in agriculture] Aerozoli v sel'skom khoziaistve. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 106 p.

Study of aerosols formed in the course of radiochemical reactions [with summary in English]. V. S. Bogdanov. Zhur. fiz. khim. 34 no. 5;1044-1049 My '60.

Unipolar charges of aerosols [with summary in English]. V. D. Reshetov. Zhur. fiz. khim. 34 no 6,1320-1325 Je '60.

AESTHETICS

Aesthetics and life. V Tolstykh. Sov Ukr. 10 no. 7· 160-166 Jl '60

Akademiia khudozhestv SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. [Against revisionism in aesthetics] Protiv revizionizma v estetike. Moskva, 1960. 147 p.

A discussion on the aesthetic relationship between art and reality. Article 1. I. Astakhov. Zvezda no. 6,194-200 Je '60.

"The ethical and aesthetic in art" by V. A. Razumnyi. Reviewed by I. Matsa. Iskusstvo 23 no 6 72-74 '60.

Gershkovich, Z. I. [Creative Marxism and the barren flowers of revisionism, against revisionist trends in philosophy and aesthetics] Tvorcheskii marksizm i pustotsvety revizionizma, protiv revizionizma v filosofii i estetike. Sbornik statei. [Leningrad] Lenizdat, 1960. 234 p.

In the main stream ("The artist and the people" by N. Shamota. Reviewed by A. Kogan). Sov. Ukr. 10 no. 8,180-181 Ag '60.

Mezentsev, P. [The aesthetic views of V. I. Lenin; a short essay] Esteticheskie vzgliady V. I. Lenina; kratkii ocherk. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 113 p.

Reflection of life and creation of beauty. V. Kozhinov. Vop. lit. 4 no. 8;68-75 Ag '60.

A very important question T. S. Komarova Doshk vosp 33 no 5 39-42 My '60

AESTHETICS—STUDY AND TEACHING

A school "council of the arts." N. M. Minzberg. Rad. shk. 39 no. 7:76-70 Jl '60.

AFFORESTATION

Calculating the width of erosion-prevention forest stands. I. I. Starchenko. Pochvovedenie no. 7:110-111 '60

Environmental factors affecting the germination of pine seeds and the development of seedlings in sphagnous pinewoods as related to drainage V G Rubtsov Bot zhur. 45 no 6:896-900 Je '60

AFGHANISTAN—DESCRIPTION AND TRAVEL

In Afghanistan. Tolen Shamshiev. Sovr. Vost. no. 7· 36-37 Jl '60.

AFGHANISTAN—ECONOMIC ASSISTANCE, RUSSIAN

In Afghanistan. Tolen Shamshiev. Sovr. Vost. no. 7· 36-37 Jl '60.

AFRICA—AIR BASES, AMERICAN

United States monopolistic expansion in Africa. V Bogoslovskii. Mir. ekon. i mezhdunar otn no 7 119-130 Jl '60.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov. sov. i inostr. lit. po stran. zarub. Vost no. 5 '60.

AFRICA—CULTURE

Three colors of Africa. B Kartashev. Ogonek 38 no 28 7 Jl '60

AFRICA—ECONOMIC ASSISTANCE, AMERICAN

In search of votes. Nov. vrem. 18 no. 31;21-22 Jl '60.

AFRICA—ECONOMIC CONDITIONS

The awakening of Africa (continuation). S. Gorelyshev and others. Agitator no. 14;30-34 Jl '60.

Book about an awakening continent ("Africa in World War II" by A. IU. Shpirt. Reviewed by S. A. Pervushin). Priroda 49 no 7 123 Jl '60.

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

United States monopolistic expansion in Africa. V. Bogoslovskii. Mir. ekon. i mezhdunar. otn no. 7;119-130 Jl '60.

AFRICA—FOREIGN RELATIONS—RUSSIA

Recuperation from a headache. Vl. Ermakov. Sovr. Vost. no. 7;45 Jl '60.

AFRICA—LAND TENURE

Colonial expropriation of land in the trust territories of Africa. V. F. Mashura. Vest. Mosk. un. Ser. 8·Ekon. filos. 15 no. 4:23-35 Jl-Ag '60.

AFRICA—POLITICS

African calendar. Nov. vrem. 18 no. 28:1-2 Jl '60.

The awakening of Africa. F. Seiful'-Muliukov. Agitator no. 10;28-32 My '60.

The awakening of Africa (continuation). S. Gorelyshev and others. Agitator no. 14;30-34 Jl '60.

Black continent achieves freedom. Ogonek 38 no. 28 7 Jl '60

Mr. MacMillan is indignant. S. Chaudhuri. Vsem. stud. nov. 14 no. 3/4:10-11 Mr-Ap '60.

The sons of Africa. Abu Gidari. Vsem. stud. nov. 14 no 3/4;15-16 Mr-Ap '60

Turbulent continent. S. Datlin. Polit. samoobr. 4 no. 7: 120-126 Jl '60.

Universal and complete disarmament is a crucial problem, the defeat of colonialism in Africa S Beglov, S Datlin Kommunist 37 no 12 100-110 Ag '60

AFRICA—RAILROADS

Railroad transportation of Ghana, Guinea, the Cameroons, the Congo, Nigeria and Togoland. G L. Gal'perin. Zhel. dor. transp 42 no. 7 82-86 Jl '60

AFRICA—RELATIONS (GENERAL) WITH GERMANY, WEST

Academy of national treachery. S. Gorskii. Sovr. Vost. no 7:46-47 Jl '60.

AFRICA—RELATIONS (GENERAL) WITH RUSSIA

African Freedom Day Kul't i zhizn' 4 no 7 48-49 '60

AFRICA—RUSSIANS

Russian travelers and scholars in Africa from the 15th to the beginning of the 20th century. M. V. Rait. Vest. ist. mir. kul't. no. 2·98-109 Mr-Ap '60.

AFRICA—WORLD WAR, 1939-1945

"Africa in the Second World War" by A IU Shpirt Reviewed by D. Proektor Voen ist zhur 2 no 5 108-110 My '60

AFRICA, SOUTHWEST—NATIVE RACES

Police terror in a trust territory. L. Dmitriev. Sovr. Vost. no. 7·53-54 Jl '60.

AFRICA, SOUTHWEST—POLITICS AND GOVERNMENT

Police terror in a trust territory. L. Dmitriev. Sovr. Vost. no. 7;53-54 Jl '60.

AFRICA, UNION OF SOUTH see South Africa, Union of

AFRICAN STUDIES

For greater academic cooperation among scholars of African studies [with English summary in insert]. I. I. Potekhin. Sovr. Vost. no. 7·7-8 Jl '60.

Russian travelers and scholars in Africa from the 15th to the beginning of the 20th century. M. V. Rait Vest. ist. mir. kul't. no. 2·98-109 Mr-Ap '60.

AGAR

Quality of Hottinger's agar in relation to the length of preservation B. A Erman Izv Irk gos nauch -issl protivochum inst 20 331-331 '59.

Sorption of water vapor by hydrophilic high polymers. Part 1 Sorption and heat of wetting isotherms of starch, agar, and gelatin. A. V. Dumanskii, E. F. Nekriach. Ukr. khim. zhur. 26 no. 3,289-298 '60.

AGE

Studying the effect of age on the regenerative capacity of tissues in explants [with summary in English] L I Barchenko. Fiziol. zhur [Ukr] 6 no 3 378-385 My-Je '60.

AGED

(see also subdivision under United States)

Amount of prothrombin and quantity of thrombocytes in persons at various ages. IU. A. Spasokukotskii, L. I. Barchenko. Vrach. delo no. 7·51-54 Jl '60.

Basal metabolism in the aged before and after the action of therapeutic measures [with summary in English] T. O. Dzgoieva. Fiziol zhur. [Ukr.] 6 no. 3 372-377 My-Je '60

AGGLUTININS

Use of alizarin suspension agglutins for the rapid detection and identification of pathogenic microbes. A. K. Adamov. Voen.-med. zhur. no. 5;65-68 My '60.

AGGREGATES (BUILDING MATERIALS)

(see also subdivision under Rostov Province)

Hydraulic graders for obtaining high-quality fine aggregates L. A Fuks Stroi mat 6 no 5·18-20 My '60

AGITATORS (MACHINERY) see Mixing machinery

AGRICULTURAL ADMINISTRATION

(see also subdivision under Ukraine)

Basic features of the specialization and distribution of socialist agriculture. I. I. Sigov. Sbor. st. LITMO no. 40:151-178 '58.

Dem'ianenko, V. N. [Forms and methods of collective farm supervision by the district executive committee] Formy i metody rukovodstva kolkhozami so storony raiispolkoma. Otv. red. I. I. Evtikhiev. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 91 p.

Introducing scientifically based systems of agricultural administration. L. Zal'tsman. Vop. ekon. no. 8;67-77 Ag '60.

AGRICULTURAL CHEMICALS

Karumidze, S. A. [Fundamentals of chemical protection of plants] Osnovy khimicheskoi zashchity rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 268 p.

AGRICULTURAL CHEMISTRY

Use of antiseptics and antibiotics of the higher plants in storing carrots. A.I.Grimm. Sbor.nauch.rab.Len.inst.sov torg. no 15 17-27 '59.

AGRICULTURAL CREDIT

(see also subdivision under Mongolia)

On I. Mukhin's book "Credit and its role in the development of collective farm production." I. Tereshchenko. Dop.AN URSR no. 1 564-566 '60

AGRICULTURAL EDUCATION see subdivision under Kirovograd District

AGRICULTURAL INSURANCE see Insurance, Agricultural

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LAWS AND LEGISLATION

Conference of Minsk lawyers Vestsi AN BSSR Ser hram nav no 2 135 '60

International meeting of agrarian jurists. I V. Pavlov. Vest.AN SSSR 30 no. 7.80-83 Jl '60

It isn't enough to enact a law; a review of the editor's mail Sov.deput.trud. no.7:80-82 Jl '60.

New developments in judicial practice in cases concerning the work of collective farms. V. Panlugin. Sots. zakon. 37 no 6:33-36 Je '60.

AGRICULTURAL MACHINERY

(see also subdivision under Ryazan)

Agricultural machinery for mountain areas. V S. Podgorichani. Nauka i zhizn' 27 no. 7:33-34 Jl '60

Davydov, A. P. [Inventors and efficiency promoters are fighters for technological progress] Izobretateli i ratsionalizatory - bortsy za tekhnicheskii progress. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 5, Sel'skoe khoziaistvo, no. 14)

The PASSh-2,8 ammonium-herbicide machine and the OPKSh-1,2-1,4 machine for digging root-crops A.S. Patsiuk Biul.tekh.-ekon.inform no. 7:48-52 '60.

The SKNB transplanting machine. A. M. Dobyshev, A. A. Cherniak. Biul.tekh.-ekon inform no. 7:47-48 '60

The ZK-200 potato loader. G S. Zhuravlev. Biul.tekh.-ekon.inform. no. 7:54-55 '60.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

(see also subdivision under Borispol')

Saratov. Institut mekhanizatsii sel'skogo khoziaistva [Investigating the effect of conditions of carrying out the electrometallization process on the properties of metal coatings (in connection with the reconditioning of worn tractor and automobile parts)] Issledovanie vliianiia uslovii protsessa elektrometallizatsii na svoistva metallicheskikh pokrytii (v sviazi s vosstanovleniem iznoshennykh traktornykh i avtomobil'nykh detalei) Saratovskoe knizh izd-vo, 1958 157 p. (Trudy, no 15)

AGRICULTURAL MACHINERY—WELDING

Mechanization of assembly and welding operations at the Rostov-on-Don Agricultural Machinery Plant G. P Solodenko and others Svar proizv no 6 22-24 Je '60

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Rostov-on-Don, Uzbekistan, Voronezh

AGRICULTURAL PESTS

Studying mollusk pest of agricultural plants in school A. D. Gonchar. Biol v shkole no 3:75-77 My-Je '60

Studying plant nematodes of certain farm crops in eastern Georgia I. IA Fliava. Soob. AN Gruz.SSR 24 no. 3:335-342 Mr '60

AGRICULTURAL PHYSICS

Nikol'skii, N. N. [Soil science; a textbook for practical experiments] Pochvovedenie, posobie dlia prakticheskikh zaniatii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 320 p.
(DA)

AGRICULTURAL POLICY

(see also subdivision under Baltic States; Cuba; Ternopol Province)

The December Plenum of the Central Committee of the CPSU and the objectives of the schools for rural youth. Obshcheobr. shkola vzrosl. no. 1:2-5 Ja-F '60.

Gubenko, P. T. [Developing an agrarian program for the party during the first years of the Soviet regime, 1917-1919] Razrabotka agrarnoi programy partii v pervye gody Sovetskoi vlasti (1917-1919 gg.). Izd-vo Saratovskogo Universiteta, 1959 105 p. (Saratov Institut mekhanizatsii sel'skogo khoziaistva Trudy, no 18, pt 1)

Overcoming fundamental differences between cities and villages in the U.S S. R. A. Voronin, R Ivanova. Polit.samoobr. 4 no. 6:52-60 Je '60

Soldatov, V. A. [V. I. Lenin on the union of the laboring class and peasantry] V. I. Lenin o soiuze rabochego klassa i krest'ianstva. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 55 p.

AGRICULTURAL RESEARCH

(see also subdivision under Zernovoy)

Increase the role of agricultural science in the carrying out of the seven-year plan ahead of time. P Lobanov Ekon sel'khoz 31 no 6 18-26 Je '60.

The most important problems in the development of the science of agricultural economics S Kolesnev Ekon sel'khoz 31 no 6 27-31 Je '60

AGRICULTURAL STATISTICS

Kniazevskii, V. S. [Statistics on the use of labor reserves and labor productivity in agriculture] Statistika ispol'zovaniia trudovykh resursov i proizvoditel'nosti truda v sel'skom khoziaistve. Moskva, Gosstatizdat TsSU SSSR, 1960. 93 p.

AGRICULTURE

(see also subdivision under Altai Territory, Amangel'dy District; Angara Valley, China; Europe, Eastern; Ili District, Kazakhstan, Khorol District; Kzyl-Orda Province Pervomaysk District, Poland; Prokhladnyy District; Ryazan Province, Skidel' District; Stalino Province; Sumy District; Ukraine; United States, Volosovo District; Voronezh Province)

Agafonova, N. D. [It is essential to know how to approach people] Glavnoe - umelyi podkhod k liudiam. [Leningrad] Lenizdat, 1960. 58 p. (Iz opyta sel'skikh agitatorov)

Black grain. M. IAkubtsiner. Znan.sila 35 no. 6:36 Je '60

[Calendar for the young naturalist] Kalendar' iunogo naturalista. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 358 p.

Characteristics of natural conditions in central Yakutia from the point of view of agriculture as illustrated by the Amga Valley. V V. Vorob'ev. Biul. Mosk. Ob-va Ispyt. Prir. Otd. geol. 35 no. 1,131 Ja-F '60.

Chizhevskii, M. G., and others. [Agriculture with principles of soil science] Zemledelie s osnovami pochvovedeniia. Pod red. M. G. Chizhevskogo. Izd. 2., perer. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 431 p.
(DA)

The earth that feeds us by K. Merkul'eva Reviewed by P. P. Ivanov Biol v shkole no 3 87-89 My-Je '60

Films made of synthetic materials used in agriculture M Romanov Plast massy no 5 76 '60

Life takes care of itself ("Agricultural competition between the U S S. R and the United States" by T A Koval' Reviewed by Dm Rud') Novyi mir 36 no 6 271-273 Je '60

Lomonosov Lectures in the Section of Agriculture and Biology. E A. Dmitriev, S N. Antonov. Vest. Mosk. un. Ser. 6: Biol , pochv. 15 no. 3:76-78 My-Je '60.

Not a single grain should be destroyed by fire. V. Vereskunov. Pozh.delo 6 no. 7:8-9 Jl '60.

Ozerov, L. S. [Struggle of the party for the socialist industrialization of the country and the preparation for the complete collectivization of agriculture, 1926-1929; materials for the course on the "History of the KPSU."] Bor'ba partii za sotsialisticheskuiu industrializatsiiu strany i podgotovku sploshnoi kollektivizatsii sel'skogo khoziaistva, 1926-1929 gody, materialy k lektsiiam po kursu "Istoriia KPSS." Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 109 p. (Materialy k lektsiiam po istorii KPSS)

[Pages from the history of Leningrad factories] Bastiony revoliutsii; stranitsy istorii leningradskikh zavodov. [Leningrad] Lenizdat.
No. 3. [The workers of the city of Lenin and their struggle for socialism in the village] Rabochie goroda Lenina v bor'be za sotsialisticheskoe stroitel'stvo v derevne. 1960, 377 p.

Prospects for the crops of 1960. S. S. Kabysh. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 17:17-27 Jl '60.

We should efficiently manage and control field work. Sov.deput.trud. no. 7:3-8 Jl '60.

AGRICULTURE—ACCIDENTS see subdivision under Merke District

AGRICULTURE—ACCOUNTING

Change payment procedure for cereal products. V. Rabbo. Den. i kred. 18 no. 8:40-43 Ag '60.

Model accounting statute of an agricultural artel. Uchet i fin v kolkh i sovkhoz 17 no 5 9-11 My '60.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Conference on organization and wage problems Ekon sel'khoz 31 no 6 111-113 Je '60

AGRICULTURE—ECONOMIC ASPECTS

In the Department of the Economics and Organization of Agricultural Production of the All-Russian Academy of Agriculture. V. Mel'nikov Ekon sel'khoz. 31 no 6:104-107 Je '60

The most important problems in the development of the science of agricultural economics. S Kolesnev. Ekon. sel'khoz 31 no 6:27-31 Je '60.

Problems on which field detachments of the All-Union Research Institute of Agricultural Economics are working N. Batova, I Polovenko. Ekon sel'khoz 31 no 6 107-109 Je '60.

AGRICULTURE—LABOR PRODUCTIVITY

(see also subdivision under Turtukul' District)

A vigorous economic expansion is the basis for a steady improvement in the welfare of the Soviet people Ekon sel'khoz 31 no 6 3-8 Je '60

AGRICULTURE—MAPS

(see also subdivision under Kashka-Dar'ya Province)

New work on agricultural cartography ("The compilation and editing of agricultural maps and atlases" by M I Nikishov Reviewed by I A. Borodin, N F. Leont'ev) Izv AN SSSR Ser geog. no 4 135-137 Jl-Ag '60.

AGRICULTURE—PERIODICALS

Conference of readers of the journal "Ekonomika sel'skogo khoziaistva" Ekon sel'khoz. 31 no 6:120 Je '60

AGRICULTURE—PRODUCTION STANDARDS

What did the discussion on problems in establishing work norms in agriculture show Ekon sel'khoz. 31 no 6 57-62 Je '60

AGRICULTURE—SAFETY MEASURES

(see also subdivision under Orenburg Province)

Safety measures during student work on tractors and tractor aggregates. V. K. Belikov. Shkola i proizv. 4 no. 6 45-49 Je '60.

AGRICULTURE—STUDY AND TEACHING

(see also subdivision under Aleksandrovskoye, Stavropol' Territory; Buryat-Mongolia; Ryazan Province; Ukraine)

Agricultural work of eighth-grade students of urban schools A. V. Sokolova Biol v shkole no 3 29-33 My-Je '60

Book on valuable experience in inculcating a communist concept of labor ("Inculcating a communist concept of labor, educational methods at a rural school" by V. A Sukhomlinskii Reviewed by S IA Rasov). Biol. v shkole no 4 89-90 Jl-Ag '60

Conference on experimental work of students of rural schools S. V. Loginov Biol v shkole no 4 93-94 Jl-Ag '60

The December Plenum of the Central Committee of the CPSU and the objectives of the schools for rural youth. Obshcheobr. shkola vzrosl. no. 1 2-5 Ja-F '60.

Fall work of students of grades 5-8 on the school experiment plot N. V. Padalko. Biol v shkole no. 4 58-61 Jl-Ag '60.

"Formation of skills and practices in students of grades 5 and 6 on the school experiment plot", manual for teachers of rural schools by A. M. Unkovskii Reviewed by G E. Kopylov Biol. v shkole no 4 90-91 Jl-Ag '60

Friendship between a school and a collective farm A. A Strel'tsova Biol v shkole no 3 70-72 My-Je '60

Inculcating the communist attitude toward work in an industrial training brigade I. G. Tkachenko Sov pedag. 24 no 5 46-49 My '60

More about the creative use of organizational forms of student work in agriculture. Shkola i proizv 4 no. 6: 41-44 Je '60.

Organizing senior students' work in mechanized inter-row tilling. N. L. Roshchin. Shkola i proizv. 4 no. 6: 54-58 Je '60.

Practice days in the fields. V. Filatov. Prof.-tekh. obr. 17 no. 6:22-24 Je '60.

Program of experimental and practical work in agriculture for students of grades 5-8 of eight-year schools. Biol v shkole no 4 62-70 Jl-Ag '60.

Some problems in teaching agriculture to students of rural secondary schools A. A. Shibanov. Biol. v shkole no 4 51-55 Jl-Ag '60.

Strengthen and improve the new organizational forms of student work in agriculture. V. I. Selivanov, Shkola i proizv. 4 no. 6.37-41 Je '60.

System of forming agricultural skills and habits of students. A. M. Unkovskii. Biol. v shkole no. 3 37-40 My-Je '60.

Training of students in the process of agricultural work V. I Shaub. Biol. v shkole no 4 48-51 Jl-Ag '60.

Work on the topic "The most important grain cultures" V. V. Veits Biol. v shkole no. 3:41-46 My-Je '60

AGRICULTURE—TECHNOLOGICAL INNOVATIONS see subdivision under Saratov Province; Sikdel region; Stavropol Territory

AGRICULTURE, COOPERATIVE see subdivision under Germany, East; Poland

AIR

Thermodynamic functions of air at high temperatures [with summary in English]. E. V. Stupochenko and others. Zhur.fiz.khim. 34 no. 6:1265-1271 Je '60.

AIR—POLLUTION

City air. N. M. Tomson. Zdorov'e 6 no. 7:1-3 Je '60

AIR—PURIFICATION

Air purification in coking units. B. M. Erlich. Neftianik 5 no. 6:27 Je '60.

For the struggle with air pollution. S. Muzafarova. Okhr. truda i sots. strakh. 3 no. 6:58-59 Je '60.

AIR BASES see subdivision under Bodo, Norway

AIR BASES, AMERICAN see subdivision under Africa, Canada

AIR COMPRESSORS
(see also subdivision under Leningrad)
Load distribution between compressor stages with a reduces pressure of air forcing IU N. Gogin Izv. vys. ucheb. zav., gor. zhur. no 7 131-133 '60.
Methods of testing piston-type refrigeration compressors. V. Martynovskii, V. Chaikovskii, A. Shmyglia Khol. tekh. 37 no. 3:61-63 My-Je '60.
Monograph on "Diesel compressors with free pistons" by N. V. Pul'manov. Reviewed by F. M. Elistratov. Energomashinostroenie 6 no 7,44 Jl '60
Oil and moisture trap for piston air compressors. M. A. Pimenov. Energetik 8 no. 6:21-22 Je '60.
Rendering a Freon turbocompressor unit airtight. T Sutyrina, V. Zamkovets Khol. tekh. 37 no. 3:44-47 My-Je '60.
Sakun, I. A. [Screw compressors] Vintovye kompressory. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 359 p.

AIR COMPRESSORS—SAFETY MEASURES
Protective relay on a compressor G. Burdin. Okhr truda i sots strakh 3 no 6:60-61 Je '60

AIR DEFENSES
Improve the training of our instructors G Zapol'skii Voen znan 36 no. 8 30 Ag '60.

AIR FILTERS
Oil film air-purifiers for diesel locomotive motors. L. I. Kolykhan, A. I. Rempel'. Elek. i tepl. tiaga 4 no. 3 31-33 Mr '60.

AIR JETS
Additives to fuels for air-jet engines; survey of foreign literature. V. N. Zrelov. Khim. i tekh. topl. i masel 5 no. 7:62-66 Jl '60.

AIR MASSIF (KAZAKHSTAN)—GEOLOGY, STRUCTURAL
Geomorphology of the Air Massif in central Kazakhstan. G. Z. Popova. Trudy Sekt. Geog. AN Kazakh. S. S. R. no. 6:205-208 '60.

AIR PILOTS
Develop attentiveness in pilots. A. F. Kalaev. Vest. vozd. Fl. no. 6:51-55 Je '60.
Trainer of airplanes. G. Grigor'ev. Smena 37 no. 15: 9-10 Ag '60.

AIR PREHEATERS
Using the method of rolling in assembling shells of air preheaters for blast furnaces. I. A. Kabanov, M. M. Sakhnovskii. Prom. stroi. 38 no. 7:17-23 '60.

AIR RAID SHELTERS
Mole hole for the "elite." V zashch. mira no 7:89 Je '60

AIR WARFARE
At the command post. D. P. Vlasov. Vest. Vozd. Fl. no. 2:48-53 F '60.
Attacking ground targets from a zooming turn or roll. I. B. Kachorovskii. Vest. Vozd. Fl. no. 6:24-28 Je '60.
Even the strongest enemy has his weak spots. N. A. Opryshko. Vest. Vozd. Fl. no. 2:21-24 F '60.
Flight and tactical training is the advanced stage of combat effectiveness. S. I. Rudenko. Vest. Vozd. Fl. no. 6: 13-18 Je '60.
Maneuver during interception. A. M. Tarasenkov. Vest. Vozd. Fl. no. 2:43-47 F '60.
Seeking out tactical targets. G. G. Klimenko. Vest. Vozd. Fl. no. 5:10-23 My '60.
Simulated combat flight at night. A. M. Bondarenko. Vest. Vozd. Fl. no. 6:40-42 Je '60.

AIRFOILS
Effect of compressibility on the aerodynamic moment of Zhukovskii airfoils. A. V. Belova. Uch. zap. LGU no. 280:166-169 '60.

AIRLINES
(see also subdivision under Europe, Western)
Beginning of something new. S. Bakula. Grazhd. av. 17 no. 6:10 Je '60
Small world. F. Lushnikov. Grazhd. av. 17 no. 5:17 My '60.

AIRPLANE CARRIERS see subdivision under Great Britain

AIRPLANES see subdivision under Czechoslovakia

AIRPLANES—DESIGN AND CONSTRUCTION
"Tailless" airplane R Grigor'ev Nauka i zhizn' 27 no 5 65-66 My '60.

AIRPLANES—ENGINES
Development of the basic parameters of piston-type airplane engines from 1918 to 1950. M. P. Pal'nikov. Vop ist. est. i tekh. no. 9:91-101 '60.
Stalling of the engine during flight. D. A. Chesnakov. Vest. Vozd. Fl. no. 5:62-66 My '60.

AIRPLANES—EQUIPMENT AND SUPPLIES
This will facilitate control over instruments. A. I. Krasovskii. Vest Vozd Fl. no 6:81-82 Je '60.

AIRPLANES—FLIGHT TESTING
Test flight A Golikov, D Bal'termants Ogonek 38 no 24 18-19 Je '60
Through invisible barriers, from a test pilot's notes (to be continued) M Gallai Novyi mir 36 no 6 140-163 Je '60
Through invisible barriers; from the notes of a test pilot (conclusion). M. Gallai. Novyi mir 36 no. 7:112-141 Jl '60.

AIRPLANES—FUEL SYSTEMS
Working with the automatically controlled fuel system during flight. A. M. Shvarev. Vest. Vozd Fl. no. 2: 74-79 F '60.

AIRPLANES—HYDRAULIC EQUIPMENT
Fatigue rupture of pipelines. T. Bashta, A. Komarov Grazhd av. 17 no 6,29-30 Je '60

AIRPLANES—JET PROPULSION
Vostrikov, S. L., and others. [Theory of airplane engines] Teoriia aviatsionnykh dvigatelei. Pod red. L. V. Kotliara. Moskva, Voen. izd-vo M-va obor. SSSR.
Pt. 2. [Theory of jet engines] Teoriia reaktivnykh dvigatelei. 1960. 281 p.

AIRPLANES—JUVENILE LITERATURE
Gil'zin, K. A. [In the skies of tomorrow] V nebe zavtrashnego dnia. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 180 p.

AIRPLANES—LANDING
The main thing is to compute correctly. R Galovskii. Grazhd. av. 17 no 5,14-15 My '60.
Typical mistakes during landings from the clouds. V. I. Minchenko. Vest. Vozd. Fl. no. 2:58-61 F '60.

AIRPLANES—LUBRICATION
Airplane-engine oil made of sulfur-bearing crudes. P. M. Golenov. Standartizatsiia 24 no. 6:54 Je '60.

AIRPLANES—MAINTENANCE AND REPAIR
(see also subdivision under Moscow)
Are we using all of the potentials available to us? E. E. Novogrudskii. Vest. Vozd. Fl. no. 5:67-71 My '60.
Business and people in one of the maintenance units. G. S. Sosnovskii. Vest. Vozd. Fl. no. 7:69-74 Jl '60.
Change the system of accounting in the maintenance unit. G. K. Beliaev. Vest. Vozd. Fl. no. 6:83-84 Je '60.
Closest assistants to our pilots. Kh. Blat. Kryl. rod. 11 no. 7:5 Jl '60.
Doublecheck... E. A. Mozzhukhin. Vest. Vozd. Fl. no. 7: 67-68 Jl '60.
It is the duty of all personnel to prepare the airplane for flight. V. A. Grechin. Vest. Vozd. Fl. no. 7:65-67 Jl '60.
Manual labor is disappearing. G. Gilenko, O. Kas'ian. Grazhd. av. 17 no. 6,3-4 Je '60
Special docks in a continuous operation line. I. Gol'denshtein, K. Orlov, M. Glazkov. Grazhd. av. 17 no. 6:6 Je '60
This is how our staff was created. E. Titarenko. Grazhd av. 17 no. 6 9-10 Je '60
We need a system of individual control over each operation. D. I. Seleznev. Vest Vozd. Fl. no. 6:82-83 Je '60.
What was accomplished through planning. I. S. Mamet. Vest. Vozd. Fl. no. 6:71-74 Je '60.
Why wasn't the assignment carried out? V. I. Snezhkov. Vest. Vozd. Fl. no. 2:62-64 F '60.
With a high sense of responsibility. N. A. Prorekhin. Vest. Vozd. Fl. no. 6:67-70 Je '60.

AIRPLANES—MAINTENANCE AND REPAIR—BIBLIOGRAPHY see Bibliography—Airplanes—Maintenance and repair

AIRPLANES—MODELS
(see also subdivision under China; Kharkov; Switzerland)
As aid for the airplane model club. IU. Serbin. Kryl rod. 11 no. 5 30-31 My '60
Build this model while you are at the pioneers' camp. Kryl. rod. 11 no. 6,28 Je '60
Competition by correspondence among the young model builders. Kryl. rod. 11 no. 7:27 Jl '60.
This is what airplane model builders need. Kryl. rod. 11 no. 6:16 Je '60.
Will and mastery. A. Deviatkin. Kryl. rod. 11 no. 7: 9-10 Jl '60.

AIRPLANES—MODELS—RADIO CONTROL
Radio-controlled airplane model. IU. Khukhra Kryl. rod. 11 no. 6:26-27 Je '60.

AIRPLANES—PILOTING
Considering air temperature in high altitude flights. V. A. Kormashov, V. I. Zinevich. Vest. Vozd. Fl. no. 6:46-50 Je '60.
Determining the safe time spacing during the flights under difficult meteorological conditions. V. G. Fedosov. Vest. Vozd. Fl. no. 5:49-53 My '60.
First flight on a new plane. A. V. Sarygin. Vest. Vozd. Fl. no 2:24-26 F '60.
Flying in a slip stream. N P. Zakharov, V. S. Tatarenchik. Vest Vozd Fl. no. 6:61-66 Je '60
Save time in briefing M. I. Dorfman. Vest Vozd. Fl. no 2:37-42 F '60.
The squadron flies at night. V. D. Sokolov, V. V. Kovalev. Vest. Vozd. Fl. no. 7:38-43 Jl '60.

AIRPLANES—RADIO EQUIPMENT
Multiple-channel radio control apparatus using semiconductors IU Otriashenkov Kryl rod 11 no 5: 28-29 My '60
Pulse motors can last longer. V. V. Zav'ialov, V. V. Bakumenko. Vest. Vozd. Fl. no. 7,84-85 Jl '60.

AIRPLANES—ROCKET ENGINES
Ovsiannikov, B. V. [Theory and design of pumps for liquid-fuel rocket engines] Teoriia i raschet nasosov zhidkostnykh raketnykh dvigatelei. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 246 p.

AIRPLANES—STARTING DEVICES
Starting features of the turbostarter can be improved. B. L. Urevich. Vest. Vozd. Fl. no. 2:85-86 F '60.

AIRPLANES—TESTING
Lenin Prize winner S. Ignat'ev Kryl. rod. 11 no 6:6-8 Je '60

AIRPLANES—TIRES
Hydraulic device to eliminate pry bars. S. T. Vas'kov. Vest. Vozd. Fl. no. 5:84 My '60.

AIRPLANES—TRANSMISSION DEVICES
Designer of new gear transmissions. IU. Sushkov. Kryl. rod. 11 no. 7 15 Jl '60.

AIRPLANES—TURBOJET ENGINES
(see also subdivision under United States)
Starting features of the turbostarter can be improved B. L. Urevich. Vest. Vozd. Fl. no. 2:85-86 F '60.
Turbofan engines. A. N. Nikolaev. Vest. Vozd. Fl no. 7: 92-94 Jl '60.

AIRPLANES—WINGS see subdivision under United States

AIRPORTS
(see also subdivision under Khabarovsk)
Waiting room passengers A. Vasil'ev. Grazhd av. 17 no 6:26 Je '60.

AIRPORTS—EQUIPMENT AND SUPPLIES
On the agenda: Technical progress. M. Levikov, L. Zhitinskii. Grazhd. av. 17 no. 5:5-6 My '60.

AIRSPACE (INTERNATIONAL LAW)
The most flagrant violation of international law. Sov. gos. i pravo no. 7:35-44 Jl '60.

AK-BULAK VALLEY—GLACIERS
The Ak-Bulak glacial group in the Dzungarian Ala-Tau. E. V. Maksimov. Trudy Sekt. geog. AN Kazakh. S. S. R. no. 6,156-167 '60.

AKHUTIN, ALEKSANDR NIKIFOROVICH, 1892-1960
In memory of Aleksandr Nikiforovich Akhutin. Gidr. stroi. 30 no. 6:60-61 Je '60

AKKOL VALLEY—PETROLOGY
Recent data on the petrographic composition of Akkol strata in the western Tien Shan I P. Palei Dokl. AN SSSR 133 no 1 208-210 Jl '60

AKMOLINSK PROVINCE—BUILDING MATERIALS INDUSTRY
Supply Akmolinsk Province with a powerful construction base. V. Anishchenko. Nar. khoz. Kazakh. 18 no. 5:29-30 My '60.

AKMOLINSK PROVINCE—CRANES (BIRDS)
Biology of the demoiselle crane in central Kazakhstan. D. I. Chekmenev. Trudy Inst zool. AN Kazakh. SSR 13,142-147 '60

AKMOLINSK PROVINCE—THEATER
The first five years. D. Bykhovskii. Teatr 21 no. 7:177 Jl '60.

AKSHIIRYAK RANGE—LEAD ORES
Recent lead deposits in the central Tien Shan. A. A. Luik Geol rud. mestorozh. no. 3:28-48 My-Je '60.

AKTYUBINSK—CHEMICAL INDUSTRIES
From brigades to enterprises of communist labor. T. Sambetov. Part. zhizn' Kazakh. 30 no. 7:60-62 Jl '60.

AKTYUBINSK PROVINCE—NONFERROUS METALS
Use nonferrous metals economically. M. Skorobogatov. Nar. khoz. Kazakh. 18 no. 5:62-63 My '60.

AKTYUBINSK PROVINCE—RECLAMATION OF LAND
"Reclamation of virgin lands in the semidesert" by S. K. Chaianov. Reviewed by S. Molchadskii. Pochvovedenie no. 7:114-115 '60.

ALA TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALAKUL' REGION (KAZAKHSTAN)—BLACK-HEADED GULL
Black crow and pewit on the Alakul' Muskrat Farm. A. Ishunov. Trudy Inst. zool. AN Kazakh. SSR 13:170-[illegible] '60.

ALAKUL' REGION (KAZAKHSTAN)—CROWS
Black crow and pewit on the Alakul' Muskrat Farm. A. Ishunov. Trudy Inst. zool. AN Kazakh. SSR 13:170-[illegible] '60.

ALAKUL' REGION (KAZAKHSTAN)—MUSKRATS
Wild boars and muskrats on the Alakul' Muskrat Farm. A. Ishunov. Trudy Inst. zool. AN Kazakh. SSR 13:[illegible] '60.

ALAKUL' REGION (KAZAKHSTAN)—WILD BOAR
Wild boars and muskrats on the Alakul' Muskrat Farm. A. Ishunov. Trudy Inst. zool. AN Kazakh. SSR 13:[illegible] '60.

ALAKUL'SKIY DISTRICT—COAL MINES AND MINING
Follow-up of our materials. Nar. khoz. Kazakh. 10 no.5:88 My '60.

ALAKUL'SKIY DISTRICT—HYDRAULIC MINING
Follow-up of our materials. Nar. khoz. Kazakh. 10 no.5:88 My '60.

ALANINE
Synthesis of [illegible] acid and alanine by [illegible] and [illegible]. I. V. [illegible] [illegible] '60.

ALATA-BURATA REGION—SAIGA
[illegible] of saigas in the right-bank area of the Volga Valley [illegible] [illegible]. A. V. [illegible]. Zool. zhur. [illegible] no.6:[illegible] Je '60.

ALBANIA—ARCHIVES
Archives abroad. E. G. [illegible], Z. P. [illegible]. Ist. arkh. [illegible] no.3:[illegible] My-Je '60.

ALBANIA—DESCRIPTION AND TRAVEL
Along the roads of Albania. A. [illegible] [illegible] '60.
In the country of [illegible]. [illegible] 21 no.8:70 [illegible] '60.

ALBANIA—ECONOMIC CONDITIONS
[illegible]. Dekabrinton 10 no.6:[illegible] Je '59.
[illegible] achieved by the people of Albania. V. Orlov. [illegible] no.11:50-51 '60.

ALBANIA—HAWTHORN
New fossil [illegible] from the [illegible] of the [illegible] [illegible] '60.

ALBANIA—PARASITES
Expedition of [illegible] to Albania. [illegible] no.[illegible] Je '60.

ALBANIA—POLITICS AND GOVERNMENT
Party [illegible]. [Materials of the Third Congress of the Albanian Labor Party, May 25-June 1, 1956. Translated from the Albanian] Materialy III s"ezda Albanskoi partii truda [illegible]. Moskva, Gos. izd-vo polit. lit-ry, 1957. 4[illegible] p. (MIRA [illegible])

ALBEDO see [illegible] Aeronautics

ALBUMIN
Changes in the amount of blood proteins, albumins, and [illegible] [illegible] '60.

ALCOHOL
"Continuous process in the technology of alcohol production" by [illegible] Matveev. [illegible] '60.
Continuous two-flow [illegible] in the production of alcohol from [illegible]. [illegible] '60.
Effect of the temperature conditions of hydrolysis on the alcohol-forming capacity of yeasts. M. F. [illegible] Gidroliz. i lesokhim. prom. 13 no.5:[illegible] '60.
Gas adsorption chromatography in the analysis of gases in the production of phenol, acetone, and synthetic alcohol. A. N. Korol'. Khim. i tekh. topl. i masel 5 no.6:60-61 Je '60.

ALCOHOL—PHYSIOLOGICAL EFFECT
Changes in the permeability of the [illegible] barriers in alcohol intoxication. G. M. [illegible] '60.

ALCOHOLISM
Molokhov, A. N., and [illegible]. [Chronic alcoholism] Khronicheskii alkogolizm. Moskva, Gos. izd-vo med. lit-ry Medgiz, 1959. 148 p. (Biblioteka prakticheskogo vracha)

[illegible] '60.

ALCOHOLS
Catalytic conversion of alcohols [illegible] on [illegible] dioxide. A. A. [illegible] '60.
Effect of primary aliphatic alcohols on the [illegible] transition temperature of aqueous [illegible] solutions [with summary in English]. A. I. [illegible] [illegible] Zhur. 22 no.[illegible] My-Je '60.
On the order of addition of water and alcohol to [illegible] hydrocarbons. A. A. Petrov, D. S. [illegible] [illegible] '60.
Preparation of secondary [illegible] for the flotation of [illegible] '60.
Some properties of [illegible] and their solutions. [illegible] '60.

ALDAN PLATEAU—SILICATES
The new mineral [illegible]. [illegible] '60.

ALDEHYDES
Effect of aldehydes on the retention of [illegible] the formation of [illegible] '60.

ALDER
Alder [illegible] '60.
Green alder associations. [illegible] '60.

ALDOLASE
[illegible]
Determination of the value of [illegible] '60.
Method for the determination [illegible]

ALEKSANDR, Metropolitan [illegible]
[illegible]

ALEKSANDRIYA (KIROVSKAYA OBLAST')—[illegible] (AIR HAZARDS)
[illegible] '60.

ALEKSANDROVSKOYE [illegible] ALEKSANDROVSKAYA [illegible]
[illegible]

ALEKSEEV, MIKHAIL, [illegible]
[illegible]

ALECH, [illegible]
[illegible] '60.

ALEUTIAN [illegible]
[illegible] Je '60.

ALEXIKA, ANTON
[illegible]

ALEUTIAN ISLANDS
[illegible]

ALFIERI
Birthplace of [illegible]

ALFALFA
See also [illegible] Alfalfa, [illegible]
[illegible]
Studying the [illegible] of [illegible]. [illegible] AN [illegible] no.3:[illegible] '59.

ALFALFA—FERTILIZERS AND MANURE see [illegible] under Tashkent Province

[illegible]

accumulation of alkaloids in lupine. A.V. Mironenko, L.S. Nosonovich. Biul. Inst. biol. AN BSSR no.3:155-158 '58.

Role of the individual organs in the biosynthesis of alkaloids in lupine. A.V. Mironenko, IA.N. Kuzmovich. Biul. Inst. biol. AN BSSR no.4:129-134 '60.

Studying the amino acid composition of proteins and free amino acids of lupine varieties with and without alkaloids. A.V. Mironenko, M.P. Gordeeva. Biul. Inst. biol. AN BSSR no.3:129-134 '58.

ALKALOIDS—TOXICOLOGY

Clinical aspects of late results of Heliotropium toxicosis. A.M. [illegible]. Med. zhur. Uzb. no.12:64-67 D '59.

ALKYLATION

Alkylation of phenol by isoamylene (synthesis of 2,4-di-tert-amylphenol). M.G. Imaev. Izv. vys. ucheb. zav.; neft' i gaz 3 no.6:77-80 '60.

Alkylation of phenol by molecular compounds of alcohols with boron fluoride. I.A. Romadin, G.P. Filipchuk. Zhur. ob. khim. 30 no.7:2304-2306 Jl '60.

Alkylation of toluene by C_{10} olefins in the presence of sulfuric acid. IU.I. Kozorezov, A.Z. Dorogochinskii. Khim. i tekh. topl. i masel 5 no.5:36-41 My '60.

Alkylation of 2-chlorothiophene by propylene, 1-butene, and cyclohexene in the presence of $BF_3 \cdot H_3PO_4$. A.V. Topchiev, [illegible], V.P. [illegible]. Dokl. AN SSSR 133 no.4:847-849 Jl '60.

Catalytic alkylation of tetralin. Report No. 1: Alkylation of tetralin with amylenes. N.I. Shuikin, N.A. Pozdniak. Izv. AN SSSR Otd. khim. nauk no.6:1093-1097 Je '60.

Correlation in the substitution of hydrogen atoms by alkyl groups in the benzene ring. Part 9: Kinetic equation for [illegible] consecutive reactions [with summary in English]. [illegible] Zhur. ob. khim. 30 no.[illegible] '60.

Experimental industrial alkylation of phenol in the presence of the KU-2 cation exchange resin. IA.P. Vertilis, V.I. Isagulianets, L.P. Pavlova. Khim. i tekh. topl. i masel 5 no.5:12-16 My '60.

Heteroalkylation reactions in the series of elements of the third and fourth groups (Al, B, Zn, Mo). [illegible] Zhur. ob. khim. 30 no.7:2114-2119 Jl '60.

Kinetic equations for the alkylation of benzene and its [illegible] hydrocarbons [with summary in English]. IU.I. [illegible] Zhur. fiz. khim. 34 no.6:1326-1330 Je '60.

Kinetics of the alkylation of benzene by isopropyl alcohol on an aluminosilicate catalyst. [illegible] Izv. vys. ucheb. zav.; neft' i gaz 3 no.6:83-88 '60.

Mechanism of the alkylation of aromatic hydrocarbons by olefins in the presence of $BF_3 \cdot H_3PO_4$. [illegible] Dokl. AN SSSR 133 no.4:837-840 Ag '60.

ALL-UNION COMMUNIST PARTY (BOLSHEVIKS) see Communist Party of the Soviet Union

ALLELOPATHY

[illegible]

ALLERGY

Changes in the [illegible] of acetylcholine and the activity of [illegible] cholinesterase in allergic [illegible]. M.A. [illegible] [illegible] '60.

Mechanism of allergic manifestations following use of [illegible]. I.M. [illegible] [illegible] '59.

[illegible] caused by simple chemical [illegible]. A.I. [illegible] [illegible] '59.

ALLIED INTERVENTION, 1918-1920 see subdivision under Odessa, Russia, Northern

ALLOYS

Conditions for the stability of the plane interface between the solid and the liquid phase during the crystallization of a binary alloy. [illegible] Dokl. AN SSSR 133 no.1:114-117 Jl '60.

Physical and chemical methods for the investigation of the phase diagrams of alloys. [illegible] [Trudy] [illegible] MAI [illegible] '59.

Phase dynamics and structure and metallic alloys. A.M. [illegible] Usp. khim. 29 no.5:661-689 '60.

Capacity method used for determining the start of crystallization in alloys. V.M. Glazov, N.N. Chizhevskaia. Zav. lab. 26 no.6:[illegible] '60.

ALLOYS—HYDROGEN CONTENT

Effect of hydrogen on the mechanical properties of alloys with α+β structure. A.M. IAkimov. Titan i ego splavy no.3:[illegible] '60.

ALLOYS—MAGNETIC PROPERTIES

Alloys for magnetic amplifier cores. V.IA. [illegible], K.D. Mal'tseva. Sbor. trud. TSNIICHM no.23:55-65 '60.

TSNIICHM no.23:95-107 '60.

Magnetic viscosity of highly-coercive alloys. B.V. Letting. Sbor. Inst. stali no.39:422-437 '60.

New materials for rotors in hysteresis motors. M.N. Raevskaia. Sbor. trud. TSNIICHM no.23:261-283 '60.

Saturation magnetization of ferromagnetic alloys in low temperature fields. L.N. Fedotov, G.A. Zaitseva. Sbor. trud. TSNIICHM no.23:121-128 '60.

Studying properties and structure of magnetically soft alloys of various thickness. V.P. Popova. Sbor. trud. TSNIICHM no.23:60-79 '60.

ALLOYS—METALLOGRAPHY

Effect of hydrogen on the mechanical properties of alloys with α+β structure. A.M. IAkimov. Titan i ego splavy no.3:20-31 '60.

Effect of oxygen and hydrogen on the mechanical properties of α-alloys. E.A. Borisova. Titan i ego splavy no.3:30-34 '60.

Methods of exposing the structure of heat-resistant alloys in electron microscopic examinations. P.P. Levin, I.S. Mel'nikova. Zav. lab. 26 no.6:730-733 '60.

Nonequilibrium crystallization of ternary alloys. D.A. Petrov, B.A. Kolachev. Trudy MATI no.43:117-130 '60.

ALLOYS—SPECTRA

Brief reports. Zav. lab. 26 no.6:743-743 '60.

Spectrum analysis of the Alni magnetic alloy and of B16 and B83 Babbitt metals by the contact spark transfer method. S.L. Berger, L.M. IAblonik. Zav. lab. 26 no.6:676 '60.

ALLOYS—TESTING

New methods of determining the elastic limit on thin flat specimens. A.G. Rakhshtadt, M.A. Shtremel'. Zav. lab. 26 no.6:741-740 '60.

ALLUVIAL LANDS

(see also subdivision under Central Black Earth region, Polomet' River)

Alinov, M.S. [Vegetables and potatoes on flood lands] Ovoshchi i kartofel' na poimennykh zemliakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 237 p. (OA)

ALLUVIUM

(see also subdivision under Amu Darya Valley; Uzbekistan)

Alluvium as foundation for hydraulic structures. V.D. [illegible] Trudy Gidroproekta [illegible] '60.

ALMA-ATA—APARTMENT HOUSES

Large panel apartment house in Alma-Ata. M. Kuketaev, A. Mukhtarov. Zhil. stroi. no.6:18-20 Je '60.

ALMA-ATA—AERONAUTICS, COMMERCIAL

Here are the potentials. [illegible] Grazhd. av. 17 no.5:26 My '60.

ALMA-ATA—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Some physiological changes in the cardiovascular system of workers in hot shops of the Alma-Ata Heavy Machine Building Factory. V.P. Borodin. Zdrav. Kazakh. 18 no.1:24-28 '58.

ALMA-ATA—RETAIL TRADE

Party control of retail trade. Kh. Dzhamaldinov, M. Morozov. Part. zhizn' Kazakh. 30 no.5:40-41 My '60.

ALMA-ATA—SUGAR INDUSTRY

For the economy of power and fuel. M.A. [illegible] [illegible] no.6:[illegible] Je '60.

ALMA-ATA—THEATER

"Familiar people." [illegible] Teatr 21 no.8:106-110 Ag '60.

ALMA-ATA—TRANSPORTATION, AUTOMOTIVE—LABOR PRODUCTIVITY

Workers of an automotive transportation unit increase labor productivity. A. Shaposhnikov. Avt. transp. [illegible] no.7:30-31 Jl '60.

ALMA-ATA PROVINCE—BALANTIDIUM COLI

Intestinal parasites of man and swine in Alma-Ata Province. R.N. Azzaeva. Trudy Inst. zool. AN Kazakh. SSR 12:86-90 '60.

ALMA-ATA PROVINCE—COCCIDIOSIS

Materials on coccidia parasitic in the gopher Citellus fulvus Licht. in Alma-Ata Province. [illegible] Trudy Inst. zool. AN Kazakh. SSR 12:[illegible] '60.

ALMA-ATA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

Important task of cultural workers in rural areas. [illegible] Part. zhizn' Kazakh. 30 no.5:52-55 My '60.

ALMA-ATA PROVINCE—REPORTERS AND REPORTING

New forms of work with worker and rural reporters. A. Kostin. Part. zhizn' Kazakh. 30 no.5:55-57 My '60.

Trichomonads from the intestines of the gerbil Meriones erythrourus. S.M. Pak. Trudy Inst. zool. AN Kazakh. SSR 12:81-85 '60.

ALMA-ATA PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminth fauna of chickens in Alma-Ata Province. V.T. Belokobylenko. Trudy Inst. zool. AN Kazakh. SSR 12:173-183 '60.

Seasonal and age dynamics of principal helminthiases of sheep in southeastern Kazakhstan. S.D. Ul'ianov. Trudy Inst. zool. AN Kazakh. SSR 12:120-136 '60.

ALMA-ATA REGION—MITES

Gamasid mites parasitic on the vole Ellobius talpinus in the environs of Alma-Ata. V.N. Senotrusova. Trudy Inst. zool. AN Kazakh. SSR 12:206-209 '60.

ALMALYK REGION—APOPHYLLITE

Apophyllite from the Kal'makyr copper-molybdenum deposit in the Almalyk ore-bearing province. S. Razmatov. Zap. Uz. otd. Vses. min. ob-va no.13:86-88 '59.

ALMALYK REGION—LEAD

Supergene lead minerals from the Kurgashinkan deposit. I.M. Golovanov. Zap. Uz. otd. Vses. min. ob-va no.13:89-95 '59.

ALMALYK REGION—PHLOGOPITE

Phlogopite from the Nakpay deposit (Almalyk ore-bearing province). M.I. Ismailov. Zap. Uz. otd. Vses. min. ob-va no.13:100-103 '59.

AL'METʹYEVSK REGION (TATAR A.S.S.R.)—OIL WELL DRILLING

Achievements of Tatar drillers. Neftianik 5 no.6:2-3 Je '60.

Agzakov drillers are in the lead. B.K. Sedunov. Neftianik 5 no.6:3-4 Je '60.

Sinking 20,100 meters within one year under complex conditions. M.M. Ibragimov. Neftianik 5 no.6:5-6 Je '60.

ALOE

Role of some nonspecific substances in raising the quality of antiplacenta serum. L.D. Shkorko, L.P. Khandamov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:149-155 '57.

ALPHA RAYS

Decomposition of complex plutonium oxalates subjected to the action of α-rays. L.P. Sokhina, A.D. Gel'man. Zhur. neorg. khim. 5 no.5:1013-1015 My '60.

Fission of heavy nuclei with emission of long range alpha particles. N.A. Perfilov, IU.F. Romanov, Z.I. Solov'eva. Usp. fiz. nauk 71 no.3:471-481 Jl '60.

Investigation of α-decay of U^{236} [with summary in English]. A.P. Komar, G.A. Korolev, G.P. Kocharov. Zhur. eksp. i teor. fiz. 38 no.5:1436-1440 My '60.

ALTAI MOUNTAINS—BOTANY, MEDICAL

Popular medicinal plants of the Rudnyy Altai. IU.A. Kotukhov. Biul. Glav. bot. sada no.36:54-55 '60.

ALTAI MOUNTAINS—GEOLOGY

Geology of the Zavodinskoye ore deposit. P.V. Inshin. Trudy Alt. GMNII AN Kazakh. SSR 8:94-109 '60.

Relationship between volcanic and sedimentary facies in the northwestern part of the Irtysh shear zone. N.I. Stuchevskii. Trudy Alt. GMNII AN Kazakh. SSR 8:32-47 '60.

ALTAI MOUNTAINS—GEOLOGY, ECONOMIC

Internal structure of the ore-bearing zone in the Irtysh deposit. IU.IU. Vorob'ev. Trudy Alt. GMNII AN Kazakh. SSR 8:170-183 '60.

Structure and ore potential of the northeastern shear zone. Z.M. Nurbaev, D.N. Gadzhi. Trudy Alt. GMNII AN Kazakh. SSR 8:210-219 '60.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the northwestern Irtysh shear zone. N.I. Stuchevskii. Trudy Alt. GMNII AN Kazakh. SSR 8:205-211 '60.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Position of the Rudnyy Altai in the system of tectonic zones of the southwestern Altai, based on geological and geophysical data. P.F. Ivankin. Trudy Alt. GMNII AN Kazakh. SSR 8:10-31 '60.

ALTAI MOUNTAINS—GLACIERS

Elastic properties of ice in high-altitude glaciers of the central Altai Mountains. G.S. Kravtsov. Izv. vys. ucheb. zav.; fiz. no.3:198-201 '60.

ALTAI MOUNTAINS—METAMORPHISM (GEOLOGY)

Hydrothermal changes in rocks of the Zavodinskoye ore deposit. P.V. Inshin, V.M. Inshina. Trudy Alt. GMNII AN Kazakh. SSR 8:181-204 '60.

ALTAI MOUNTAINS—ORE DEPOSITS

Foreword. Trudy Alt. GMNII AN Kazakh. SSR 8:3-9 '60.

Metallogenetic stages and genetic types of the endogenous mineralization in the Rudnyy Altai. P.F. Ivankin, P.V. Inshin. Trudy Alt. GMNII AN Kazakh. SSR 8:70-83 '60.

Primary dispersion halos of complex metal deposits in the Rudnyy Altai [with summary in English, p. 309]. D.I. Gorzhevskii, G.I. Rossman. Probl. geokhim. no.1:181-189 '59.

Studying the middle Devonian flora of the Sayan-Altai mountain region [with summary in English]. A.R. Anan'ev. Bot.zhur. 45 no.5:649-660 My '60.

ALTAI MOUNTAINS—PROPYLITE

Zonal potassic feldspar-epidote-sulfide rapakivi textures in propylites. V.M. Iashkin. Trudy Alt.GMNII AN Kazakh.SSR 8:212-215 '60.

ALTAI MOUNTAINS—ROCKS, IGNEOUS

Relationship between small intrusions and sulfide deposits in the Berezovskiy-Belousovskiy ore region. P.G. Vedernikov. Trudy Alt.GMNII AN Kazakh.SSR 8:110-125 '60.

Systematics and petrochemistry of igneous complexes in the southwestern Altai. P.F. Ivankin, P.G. Vedernikov. Trudy Alt.GMNII AN Kazakh.SSR 8:41-60 '60.

ALTAI MOUNTAINS—SULFIDES

Relationship between small intrusions and sulfide deposits in the Berezovskiy-Belousovskiy ore region. P.G. Vedernikov. Trudy Alt.GMNII AN Kazakh.SSR 8:110-125 '60.

Relationship between the hydrothermal metamorphism and sulfide mineralization in the Berezovskiy-Belousovskiy ore region. Iu.Iu. Vorob'ev and others. Trudy Alt.GMNII AN Kazakh.SSR 8:126-145 '60.

Types of ores and stages in the ore formation in the Novoberezovskoye deposit. P.F. Ivankin, N.M. Mitriaeva, Z.A. Parkina. Trudy Alt.GMNII AN Kazakh.SSR 8:146-160 '60.

ALTAI TERRITORY—AGRICULTURE

School spring. N. Kozlov. Sem'ia i shkola 15 no.6:8-10 Je '60.

ALTAI TERRITORY—ARCHAEOLOGY

Rudenko, S.I. [Culture of the inhabitants of the central Altai at the time of the Scythians] Kul'tura naseleniia TSentral'nogo Altaia v skifskoe vremia. Moskva, Izd-vo Akad.nauk SSSR, 1960. 358 p. illus.

ALTAI TERRITORY—CITY PLANNING

Building the central sections of state farms on virgin lands in the Altai Territory. V.N. Karpenko. [illegible] no.[illegible] '60.

ALTAI TERRITORY—INLAND WATER TRANSPORTATION

Economic effectiveness of cargo transportation on small rivers in the Altai Territory. V. Ivanov. Rech.transp. 19 no.5:12-13 My '60.

ALTAI TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.

Lunchroom on a collective farm. P. [illegible]. Sov.potreb.koop. 4 no.6:24-25 Je '60.

ALTAI TERRITORY—SCHOOL CHILDREN

School spring. N. Kozlov. Sem'ia i shkola 15 no.6:8-10 Je '60.

ALTUNIN, STEPAN TIKHONOVICH, 1904-

In memory of S.T. Altunin. Gidr.i mel. 12 no.6:64 Je '60.

ALUMINA

Heating curves of aluminum oxide trihydrate and phase transformations in the substance in the course of their recording. A.I. Lavrikov, I.P. Vail'nshtein, A.N. Lazhkova. Trudy IIaRM 4:21-30 '60.

Problems in modernizing and reconstructing plants for catalytic cracking, using a moving bed of granulated aluminosilicate catalyst. B.V. Goncharov. Khim.i tekh.topl.i masel 5 no.5:58-65 My '60.

ALUMINUM

Deep anodization of aluminum at 25°C. N.P. Fedot'ev, S.IA. Grilikhes, D.IA. Zil'berman. Zhur.prikl.khim. 33 no.5:1111-1114 My '60.

Dependence of hydrogen overvoltage on aluminum on the state of the aluminum surface and concentration of the acid [with summary in English]. A.A. D'iakov, T.I. Kostousova. Zhur.fiz.khim. 34 no.7:1610-1615 Jl '60.

Detection of gallium in the products of the aluminum industry [with summary in English]. V.K. Kuznetsova, N.A. Lavrov. Zhur.anal.khim. 15 no.2:240-241 Mr-Ap '60.

Reactions of triphenylaluminum with halogen compounds of titanium in solutions of fluorobenzene and deuterobenzene. P.V. Mitrofanova, A.P. Artemov, G.G. Petukhov. Zhur.ob.khim. 30 no.7:2138-2141 Jl '60.

Thermodynamic properties of the components of liquid solutions in the system aluminum-zinc [with summary in English]. V.N. Kremenko. Zhur.fiz.khim. 34 no.7:1495-1503 Jl '60.

Titration of cadmium with trilon in the presence of large amounts of aluminum. M.A. Popov. Zav.lab. 26 no.5:540-542 '60.

ALUMINUM—CORROSION

Anticorrosion protection of the cooling systems of diesel engines with aluminum blocks. K.S. Grishin. Vest.TSNII MPS 19 no.4:31-34 '60.

Use of computing device in a self-regulating automatic control system for the electrolytic production of aluminum. I.P. [illegible], M.M. [illegible], P.I. [illegible]. Avtom.i telem. 21 no.6:806-811 Je '60.

Vertical filling of bottom sections of aluminum electrolytic cells. V.IA. Podmogaev and others. Prom.energ. 15 no.5:21-22 My '60.

ALUMINUM—METALLURGY

Gas absorption and the regeneration of cryolite in aluminum production. G.M. Ginodman, [illegible]. TSvet.met. 33 no.7:54-61 Jl '60.

Spectrographic determination of CaF_2 and MgF_2 in the electrolyte of aluminum baths. I.I. [illegible]. Zav.lab. 26 no.5:570-574 '60.

ALUMINUM—SPECTRA

Quantitative analysis of aluminum on the basis of [illegible] spectral lines. A. [illegible]. Nauch.dokl.vys.shkoly; [illegible] no.2:76-79 '60.

ALUMINUM—WELDING

Mechanized [illegible] equipment for welding aluminum. N.N. [illegible]. Svar.proizv. [illegible]

ALUMINUM ALLOYS

Use of aluminum alloy coated sheeting for [illegible] in petroleum refining industry. [illegible] no.4:37-38 Ag '60.

ALUMINUM ALLOYS—FATIGUE

Taking fatigue into account in designing welded 1.5% [illegible] aluminum alloy constructions. S.S. [illegible]. Stroi.mekh.i rasch.soor. 2 no.4:31-33 '60.

ALUMINUM ALLOYS—HARDENING

Determining the speed of consecutive hardening of [illegible] products. A.A. [illegible]. Trudy MATI no.41:[illegible] '60.

ALUMINUM ALLOYS—HEAT TREATMENT

High speed artificial aging of AK8 and AV (AB?) alloys. K.P. Kirpichnikov. Trudy MATI no.44:46-52 '60.

ALUMINUM ALLOYS—TESTING

Analysis of fatigue fractures of the AMg6 alloy in tensile pulsation tests. A.N. [illegible]. Zav.lab. 26 [illegible] '60.

ALUMINUM ALLOYS—WELDING

Strength of weld joints in aluminum alloys [illegible] ultrasonic welding. L.L. [illegible], A.K. [illegible], M.A. [illegible]. Svar.proizv. [illegible]

ALUMINUM ANTIMONIDE

Twinning in aluminum antimonide. M.B. Mirgalovskaia, I.A. Strel'nikova. Zhur.neorg.khim. 5 no.4:955-[illegible] Ap '60.

ALUMINUM BRIDGES see Bridges, Aluminum

ALUMINUM BRONZE

Anomaly of the temperature dependence of [illegible] formation resistance of aluminum bronze. [illegible], M.N. Makogon. Izv.vys.ucheb.zav.; [illegible] '60.

ALUMINUM COBALT CHROMIUM ALLOYS see Cobalt chromium aluminum alloys

ALUMINUM CHLORIDE

Preparation of aluminum crystal chloride. [illegible]. Zhur.prikl.khim. 33 no.5:[illegible] My '60.

ALUMINUM COMPOUNDS

Comparative stability of tartrate, citrate, malate and salicylate iron and aluminum complexes. [illegible], A.S. Molotkova. Zhur.neorg.khim. 5 no.4:870-881 Ap '60.

ALUMINUM CRYSTALS

Roentgenographic analysis of [illegible] crystal aluminum. [illegible]. Nauch.dokl.vys.shkoly; [illegible] '60.

ALUMINUM HYDROXIDE

Coprecipitation of gallium with aluminum hydroxide during the carbonization of an alkaline solution. S.P. IAtsenko, N.V. [illegible]. Zhur.neorg.khim. 5 no.7:1576-1578 Jl '60.

Isomorphous coprecipitation of gallium with aluminum hydroxide from alkaline solutions. S.P. IAtsenko, [illegible] Demenev. Zhur.neorg.khim. 5 no.7:1612-1623 Jl '60.

ALUMINUM INDUSTRY see subdivision under Aluminum

ALUMINUM IODIDE

Systems SiI_4–BI_3 and SiI_4–Al_2I_6. I.A. Sheka, [illegible] Chernova. Zhur.neorg.khim. 5 no.7:1584-1586 Jl '60.

ALUMINUM IRON ALLOYS see Iron aluminum alloys

[illegible] tiles of [illegible] [illegible] aluminum [illegible] Izv.

ALUMINUM MAGNESIUM ALLOYS

[illegible] Al-Mg system [illegible] V.A. [illegible] Trudy MATI [illegible]

ALUMINUM MAGNESIUM ALLOYS—CORROSION

[illegible] Al-Mg [illegible] chemical [illegible] Trudy MATI [illegible]

ALUMINUM MAGNESIUM ALLOYS—METALLOGRAPHY

[illegible]

ALUMINUM MAGNESIUM ALLOYS—WELDING

[illegible] A.V. [illegible]

ALUMINUM NICKEL CHROMIUM ALLOYS see Nickel chromium aluminum alloys

[illegible]

[illegible]

[illegible]

ALUMINUM [illegible]

[illegible]

ALUMINUM ZINC ALLOYS see Zinc aluminum alloys

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Operator's secrets. Tekh.mol. 28 no.6:20 '60.
Techniques of amateur motion picture photography. A.[illegible]. Tekh.mol. 28 no.6:25 '60.
You are the producer, operator, and actor. G.[illegible]. Tekh.mol. 28 no.6:24 '60.

AMATEUR MOTION PICTURES – EQUIPMENT AND SUPPLIES
Film viewing table with a pulse lamp. V. Vovchenko. Sov.foto 20 no.7:39-40 Jl '60.

AMATEUR RADIO STATIONS
(see also subdivision under [illegible], Minsk)
[illegible]. Radio no.7:[illegible] Jl '60.
[illegible]. Radio no.7:10 Jl '60.
Results of the competitions of radio amateurs. Radio no.7:[illegible] Jl '60.
Let's prepare for new tests and competitions. V. [illegible]. [illegible] Jl '60.

AMATEUR RADIO STATIONS – EQUIPMENT AND SUPPLIES
Through the pages of foreign magazines. Radio no.7:61 Jl '60.

AMATEUR THEATRICALS
(see also subdivision under Bobruysk, Borovaya District, [illegible], Kiev, Leningrad, Lvov Province, Moscow, Novograd Volynskiy, Novosibirsk, Stalingrad, Staraya Russa, White Russia)
[illegible]. M.[illegible]. Teatr 21 no.4:[illegible] Ap '60.
[illegible]. G.[illegible]. [illegible] 42 no.10:[illegible] My '60.
Joy of creativeness. Zh.[illegible]. [illegible] '60.
To the amateur theater. Agitator no.13:[illegible] Jl '60.
[The stage director and the theater group] Rezhisser i [illegible]. Moskva, [illegible]
1960. 125 p.

AMBARY HEMP
Investigating the [illegible]. [illegible] '60.

AMERICA – HISTORY
[illegible] '60.

AMERICAN DRAMA – HISTORY AND CRITICISM
[illegible] '60.

AMERICAN LITERATURE
[illegible] '60.

AMERICAN LITERATURE – HISTORY AND CRITICISM
[illegible]. M.[illegible]. [illegible] Ag '60.

AMERICAN PERIODICALS
The "special" [illegible]. [illegible] Ag '60.

AMERICAN POETRY – HISTORY AND CRITICISM
Voices of American poets (Three American [illegible]). [illegible] '60.

AMGA VALLEY – PHYSICAL GEOGRAPHY
[illegible]. V.V.[illegible]. Biul.MOIP.Otd.geol. [illegible] Ja-F '60.

AMIDES
[illegible]. Report No.[illegible]. [illegible] Izv. [illegible] '60.
[illegible] of phosphorous acids [illegible]. Dokl.AN SSSR 133 no.[illegible] Jl '60.
N-Substituted amides of aminocarboxylic acids and their peptides. Part 1: Method of obtaining the N-di[illegible] amide of glycine and of compounds related to it. V.B.[illegible], R.I.[illegible]. Zhur.ob.khim. 30 no.7:2132-2141 Jl '60.
Synthesis of amides and their hydrochlorides from nitriles. A.F. [illegible], F.N.Zil'berman, N.A.[illegible]. Zhur.ob.khim. 30 no.7:2380-2381 Jl '60.

AMINES
Amines and ammonium compounds. Part 13: Synthesis of [illegible] amines. A.T.Babaian and others. Zhur.ob. khim. 30 no.7:2381-2387 Jl '60.
amines with a branched chain. N.K.Kochetkov, A.IA. Khorlin, I.A.Vorotnikova. Zhur.ob.khim. 30 no.7:2403-2405 Jl '60.
Chemiluminescence in reactions of acyl chlorides with amines and ketones. S.G.Entelis and others. Zhur. fiz.khim. 34 no.7:1651 Jl '60.
Formation of polyamide resins from caprolactam, diamines, and dicarboxylic acids. A.S.Shpital'nyi, M.A. Shpital'nyi, IA.A.[illegible]. Khim.volok. no.3:[illegible] '60.
Synthesis of some chloroalkylamines of the pyridine series. K.A.Kornev, K.K.Khomenkova. Ukr.khim. zhur. 26 no.3:347-350 '60.

AMINO ACID METABOLISM
Change in the amino acid composition of the nutrient medium in deep culturing of the plague microbe. Report No.3. [illegible], Z.I.Vasil'eva, V.A. Krotova. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:[illegible] '60.
Deamination of amino acids by microbes of plague and pseudotuberculosis. I.V.Domaradskii. Izv.Irk.gos. nauch.-issl.protivochum.inst. 18:65-73 '60.
Further observations on the capacity of plague and pseudotuberculosis microbes for the deamination of amino acids. I.V.Domaradskii. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:75-80 '60.
Inhibition of transamination by cysteine in the rat liver. [illegible]. Dokl.AN SSSR 133 no.1:[illegible] Jl '60.
Some problems of amino acid metabolism in organisms producing oxytetracycline [with summary in English]. [illegible], N.V.Orlova. Antibiotiki 5 no.1:[illegible] Ja-F '60.
Variations in the composition of free amino acids in the [illegible] during different phases of development. [illegible]. Izv.AN Arm. SSR. Biol.nauki 13 no.[illegible] '60.

AMINO ACIDS
Amino acid composition of the varieties of the plague microbe grown under various conditions. Report No.1: Qualitative investigation of the amino acid composition of the proteins of the plague microbe. V.A.Krotova. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:[illegible] '60.
Different course of the Jorgensen cleavage of noncyclic compounds of divalent platinum with α- and β-amino acids. L.M.Volshtein. Zhur.neorg.khim. 5 no.7: 1449-1451 Jl '60.
The oxidation of some amino acids under the influence of plague and pseudotuberculosis microbes. V.D.[illegible], I.V.Domaradskii. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:[illegible] '60.
Influence of a concentration of amino acid in the [illegible] medium on the growth of the tularemia microbe. [illegible]. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:[illegible] '60.
Need for amino acids and for some metabolites by staphylococci which have acquired resistance to various antibiotics [with summary in English]. A.I.Moroz. Antibiotiki 5 no.1:86-90 Ja-F '60.
Quantitative determination of the amino acid composition of [illegible] by distributive chromatography on paper. [illegible]. Vest.AN Kazakh.SSR 16 no.5: [illegible] My '60.
Reproducibility of the results in the quantitative determination of amino acids by partition paper chromatography [with summary in English]. IU.B.Filippovich. Zhur.anal.khim. 15 no.3:374-375 My-Je '60.
Studying the amino acid composition of proteins and free amino acids of lupine varieties with and without alkaloids. A.V.Mironenko, M.T.[illegible]. Biul.Inst. biol.AN BSSR no.3:129-132 '58.
Studying the amino acid content of proteins and free amino acids in alfalfa. E.V.[illegible]. Biul.Inst. biol.AN BSSR no.3:133-135 '58.
Studying the [illegible] of amino acid residues in the N-terminal [illegible] of pepsinogen. [illegible]. Dokl.AN SSSR 133 no.[illegible] Jl '60.

AMITOSIS
Amitotic reproduction of the red marrow cells. M.T. [illegible]. Tsitologiia 2 no.3:261-265 My-Je '60.
Mitotic and amitotic division of plant cells [with summary in English]. A.P.[illegible]. Izv.AN SSSR.Ser.biol. no.3:[illegible] My-Je '60.

AMMETER
New portable device for measuring large direct currents. P.G.[illegible]. Trudy Ural.politekh. inst. no.[illegible] '59.

AMMINES
Crystal structure of the double salt of copper perchlorate pentammine and ammonium perchlorate. M.Bukovska, M.A.Porai-Koshits. Kristallografiia 5 no.1:140-141 Ja-F '60.

AMMONIA
Automatic control of the composition of the nitrogen and hydrogen mixture in the ammonia synthesis section. P.M.[illegible], I.F.[illegible]. Prom.energ. 15 no.5: [illegible] My '60.
Automatic control of the synthesis of ammonia with precatalysts. A.V.[illegible]. Priborostroenie no.7:[illegible] Jl '60.
densation of ammonia vapors from an air mixture in a horizontal tube. I.V.[illegible]. Zhur.prikl.khim. 33 no.5:1060-1066 My '60.
Improvement of the paraffin cup for the isothermic distillation of ammonia. K.B.Khalilov. Lab.delo 6 no.3:10-11 My-Je '60.
Interaction between zinc sulfate and ammonia in water. A.K.Kirakosian. Zhur.neorg.khim. 5 no.4:953-959 Ap '60.
Separate recovery of ammonia and pyridine bases from coke oven gas. V.M.[illegible] and others. Koks i khim. no.6:33-35 '60.

AMMONIA – ANALYSIS
Potentiometric method of determining ammonia in a copper ammonia electrolyte. N.A.Marchenko, V.F.Sitnik. Zav.lab. 26 no.7:704-705 '60.

AMMONITES see Ammonoidea

AMMONIUM CHLORIDE
Solubility in the system $YCl_3 - NH_4Cl - H_2O$ (0° isotherm). [illegible]Morozov, G.M.Toptygina. Zhur.neorg. khim. 5 no.7:1637-1638 Jl '60.

AMMONIUM NITRATE
Cooling granulated ammonium nitrate in a fluidized bed. [illegible], N.V.Meshcheriakov, N.N.Artem'eva. Khim.prom. no.2:132-138 Mr '60.
Mechanism of the thermal decomposition of ammonium nitrate. B.B.Rozman. Zhur.prikl.khim. 33 no.5: 1052-1059 My '60.
Solubility in the system $Y(NO_3)_3 - NH_4NO_3 - H_2O$ at 25 and 50°. V.M.Perel'man, A.IA.Zvorykin, G.A. [illegible]. Zhur.neorg.khim. 5 no.4:960-963 Ap '60.

AMMONIUM NITRITE
Effect of certain ammonium, potassium, and sodium salts on the rate of decomposition of ammonium nitrite in the reaction $NH_4Cl + NaNO_2 \to NH_4NO_2 + NaCl$. D.G.[illegible]. Zhur.neorg.khim. 5 no.6:[illegible] Je '60.

AMMONIUM PERCHLORATE
Crystal structure of the double salt of copper perchlorate pentammine and ammonium perchlorate. M.Bukovska, M.A.Porai-Koshits. Kristallografiia 5 no.1:140-141 Ja-F '60.

AMMONIUM SALTS
Rapid method of determining ammonium ions in the waste water from the manufacture of by-product coking plants. V.T.Kaplin, N.G.Fesenko. Koks i khim. no.5:49-50 '60.

AMMONIUM SULFATE
(see also subdivision under Magnitogorsk; United States)
Changing the operational system of a sulfate plant in order to produce a higher quality ammonium sulfate. E.IA.[illegible], P.K.[illegible], M.V.[illegible]. Koks i khim. no.6:36-38 '60.
Complete automatization of the sulfate plant. L.A. [illegible]. Koks i khim. no.6:39-41 '60.
Effect of sulfuric acid impurities on the quality of ammonium sulfate. G.N.Lebedeva, G.S.[illegible], E.K.[illegible]. Koks i khim. no.6:40-43 '60.
Improvement of the saturation process in the production of ammonium sulfate. M.IA.Finkel'. Koks i khim. no.7:43-46 '60.
New industrial layout for the production of ammonium sulfate at by-product coking plants. K.A.Belov, B.N. Lazorin. Koks i khim. no.7:46-48 '60.
Stepless regulation of the number of turns of a rotor in NGP 800 x 400-type centrifuges. L.I.[illegible], G.P. [illegible]. Koks i khim. no.6:57-59 '60.

AMMONOIDEA
(see also subdivision under Mongolia; Ural Mountains)
Ontogenetic development of certain upper Jurassic ammonites [with summary in English]. A.A.Shevyrev. Biul.MOIP.Otd.geol. 35 no.1:[illegible] Ja-F '60.

AMOBARBITAL
Comparative study of the effect of aminazine, amobarbital, and chloral hydrate on temperature variations of the parotid gland [with summary in English]. N.II. [illegible]. Fiziol.zhur.[Ukr.] 6 no.3:349-357 My-Je '60.
Influence of sodium amytal on the transfer of sugar from the arterial blood into the tissue of the posterior extremities and into the brain [with summary in English]. S.G.Genes, P.M.Charnaia. Biul.eksp.biol.i med. 49 no.1:54-58 Ja '60.

AMORTIZATION
On the length of service of fixed assets in the coal mining industry of the U.S.S.R. V.Oskordov. Nauch.dokl. vys.shkoly;ekon.nauki no.2:150-156 '60.
Several problems in the theory of amortization. L.Kantor. Fin.SSSR 21 no.5:21-27 My '60.

AMPHIBIA
(see also subdivision under Azerbaijan, Kazakhstan)
Effect of removing the outer ectoderm layer on the morphogenesis of the eye in the Anura. I.R.Korkia. Soob. AN Gruz.SSR 24 no.4:451-457 Ap '60.

AMPHIBIA—EMBRYOLOGY see Embryology—Amphibia

AMPHIBIA, FOSSIL see subdivision under Baskunchak region

AMPHIBOLE

Chemical formulas of minerals. Part 4 Amphiboles. I.D. Borneman-Starynkevich. Zap. Vses. min. ob-va 89 no. 2 236-247 '60.

AMPLIFIERS (ELECTRONICS)

Amplifier for a tape recorder. V Bol'shov Radio no 6 53-56 Je '60

Compensation of the frequency characteristics of a wide-band amplifier by means of feedback L B Ustinova, Z N Luzianina Radiotekhnika 15 no 6 24-35 Je '60

Computing amplifier for a specialized integrator with periodization of the solution [with summary in English] A O Tiutin Avtomatyka no 2 50-61 '60

Investigation of transient processes in class B amplifiers to power supply of which is characterized by a resistance of a reactive nature A.T Balanov Radiotekhnika 15 no. 7:67-74 Jl '60

Low-frequency amplifiers. V. Bol'show. Radio no. 7: 47-51 Jl '60.

Stability of amplification modulus of a feedback amplifier. B. IA. Lur'e. Elektrosviaz' 14 no. 6 11-17 Je '60

AMPLIFIERS, ELECTRON-TUBE

High-stability nonoverloading amplifier A A. Sanin, Chang Wan-chu, Chu Chiang-shih Prib i tekh eksp no 2 76-79 Mr-Ap '60

Selective low-frequency amplifier with a narrow square frequency response E V Kuchis Prib i tekh eksp no 2 74-76 Mr-Ap '60

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMPUTEES—REHABILITATION
(see also subdivision under Kazan)

Armless operator of motion-picture projectors. B. Talitskii. Sots. obesp. 21 no. 6:35-36 Je '60.

AMU DARYA VALLEY—ALLUVIUM

Determining the normal thickness of alluvium in the Amu Darya delta N A Kogai Izb Uzb fil. Geog ob-va 4 106-108 '60

AMU DARYA VALLEY—SEDIMENTS (GEOLOGY)

Amu Darya delta sedimentations V V Akulov. Izv Uzb fil Geog ob-va 4 35-50 '60

AMULETS see subdivision under Koshylovtse

AMUR PROVINCE—FIREMEN

Everyday routine of communists. L. Makarushin. Pozh. delo 6 no. 7:21-22 Jl '60.

AMUR RIVER—CESTODA

Cestodes parasitic in fishes of the Amur River. A. Kh. Akhmerov. Trudy Gel'm. lab. 10.15-31 '60.

AMUR RIVER—FLEAS

Materials on the fleas of populated areas along the middle course of the Amur River T. I. Ryzhuk, N. S. Beliaeva. Izv. Irk gos. nauch -issl. protivochum. inst. 16 208-216 '57.

AMUR VALLEY—GEOLOGY, STRATIGRAHIC

New diagram of the Mesozoic stratigraphy of the lower Amur Valley I I Tuchkov Izv vys ucheb zav ,geol i razv no. 3 3-22 Mr '60

AMUR VALLEY—MOTHS

Biology and distribution in different habitats of Acrocercops amurensis Vl. Kuznetzov sp. n. (Lepidoptera, Lithocolletidae), a serious pest of the Mongolian oak [with summary in English]. V. I. Kuznetsov Zool. zhur. 39 no. 6 858-865 Je '60

AMUR VALLEY—SYMPHYLLOCARPUS

A note on the genus Symphyllocarpus Maxim L. A Smol'ianinova Bot mat. Gerb 20.282-288 '60

AMUSEMENT PARKS see subdivision under Odessa

AMYLOIDOSIS

Amyloidosis of the internal organs in primary and post-primary tuberculosis P. T. Shlapak Pat , klin i terap tub no. 8 259-262 '59.

Diagnostic significance of the Congo red test in general amyloidosis in patients with pulmonary tuberculosis. P T Shlapak. Pat , klin. i terap. tub no. 8 255-258 '58.

ANABASIS (BOTANY) see subdivision under Kerman Province, Iran

ANALYTICAL GEOMETRY see Geometry, Analytic

ANAPLASMOSIS see subdivision under Molodechno Province, Vitebsk Province

ANATOMY—STUDY AND TEACHING

Resolution of the plenum of the Board of the All-Union Society of Anatomists, Histologists, and Embryologists in Moscow, June 20-22, 1959. Arkh. anat. gist. i embr. 38 no. 1 124-127 Ja '60.

ANATOMY, HUMAN

Garib'ian, R. B., and N. G. Markov. [Human anatomy and physiology, a textbook for the 8th grade in secondary schools] Anatomiia i fiziologiia cheloveka; uchebnik dlia 8 klassa srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 206 p.
(NhD)

ANATOMY, HUMAN—STUDY AND TEACHING

Independent work of students in the course on human anatomy and physiology E A Sokolova Dokl APN no 2 13-16 '60

ANATOMY, SURGICAL AND TOPOGRAPHICAL

Voznesenskii, V. P., and V. A. Ivanov. [Operative surgery and topographic anatomy] Operativnaia khirurgiia i topograficheskaia anatomiia. Moskva, Medgiz, 1959. 470 p.
(DNLM)

ANCHOVIES

The paracaudal organ of the anchovy and its supposed function [with summary in English]. F. S. Zambriborshch, L. A. Men'shchikova, E. V. Mitasova. Zool. zhur. 39 no. 7:1107-1109 Jl '60.

ANDRACHNE

Materials on a monograph on the genera Andrachne L. and Leptopus Decne A. I Poiarkova Bot mat Gerb 20 251-274 '60.

ANDREEV, NIKOLAI NIKOLAEVICH, 1880-

Nikolai Nikolaevich Andreev; on his 80th birthday. L. A. Chernov. Usp. fiz nauk 71 no 3 525-528 Jl '60.

ANDREEVSKII, A. A.

From the editorial practices of V. G. Korolenko. I. V. Myl'tsyna. Vest. Mosk. un. Ser. 7:Filol., zhur. 15 no. 3.75-79 My-Je '60.

ANEMIA

X-ray diagnosis of stomach cancer in anemia patients. F. S. Kadyrov Med zhur. Uzb. no. 12 22-28 D '58.

ANESTHESIA

Anesthesia. B. V. Petrovskii. Priroda 49 no. 7:13-20 Jl '60.

Meshalkin, E. N., and V. P. Smol'nikov. [Modern inhalation anesthesia] Sovremennyi ingaliatsionnyi narkoz. Moskva, Medgiz, 1959. 354 p.
(DNLM)

Zhorov, I. S. [General anesthesia in surgery; manual for anesthesiologists and surgeons] Obshchee obezbolivanie v khirurgii, rukovodstvo dlia anesteziologov i khirurgov. Moskva, Medgiz, 1959. 485 p.
(DNLM)

ANGARA—INLAND NAVIGATION

Problems of navigation on the Angara during the period of filling the Bratsk Reservoir. S. Korshunov, L. Kuskov. Rech. transp. 19 no. 5:32-36 My '60.

ANGARA RIVER—BARRAGE

Damming of the Angara River at the Bratsk Hydroelectric Power Station. A. F. Vasil'ev. Gidr. strol. 30 no. 6:11-13 Je '60.

ANGARA VALLEY—AGRICULTURE

Current problems in the expansion of agriculture in the central Angara Valley ("Expansion and specialization of agriculture in the Angara-Ilim subzone of Irkutsk Province" by V. P. Komarevskaia. Reviewed by N. N. Kazanskii). Izv. Sib. otd AN SSSR no 1:144-146 '60.

ANGINA PECTORIS

Treatment of stenocardia by ionogalvanization with novocaine S S Nesvizhskaia, V. S Cheredova Zdrav Belor 4 no 3 48-50 Mr '58

ANGIOSPERMS

Chlorophyll formation in angiosperms in the dark. T. N. Godnev, R. M. Rotfarb. Biul. Inst. biol. AN BSSR no. 3: 85-88 '58.

ANGOLA—POLITICS AND GOVERNMENT

The Mohicans of colonialism. Nov. vrem. 18 no. 28:22 Jl '60.

ANHYDRIDES

Tetraacyloxysilanes in organic synthesis. Part 28: Acylation of benzene by silicon-β-chloropropionic and γ-chlorobutyric anhydrides. Part 29 Preparation of organic acid anhydrides from their silicon anhydrides. IU K IUr'ev and others. Vest Mosk. un Ser. 2 Khim 15 no 1 61-67 '60

ANI-PEMZA—INSCRIPTIONS

On the levies referred to in the inscription of Master Aaron (1055-1056) [in Armenian with summary in Russian]. R. M. Bartikian. Ist.-filol. zhur. no. 4:168-173 '59.

ANILINE

Heats of addition of aniline and its derivatives to cobaltous chloride. A. V. Ablov, TS. B. Konunova-Frid, V. A. Palkin. Zhur. neorg. khim. 5 no. 7:1544-1550 Jl '60.

ANIMAL HOMES see Animals, Habitations of

ANIMAL LOCOMOTION

Influence of malignant neoplasms on the motor activity of rabbits [with summary in English] A. E Nadareishvili. Pat fiziol i eksp terap 4 no. 3 49-51 My-Je '60.

ANIMAL MECHANICS

Effect of the conditions of life on the structure of the system of voluntary movement organs in mammals. P. A. Glagolev Biul. MOIP. Otd. biol. 65 no 3:154-155 My-Je '60.

Relation between the slow rhythm of periodical activity of Anodonta cygnea and the state of sulfhydryl groups in protein bodies [with summary in English]. IA. Shalanki. Zhur. ob. biol. 21 no. 3:229-232 My-Je '60.

ANIMAL PAINTING AND ILLUSTRATION

Using the method of bleaching contoured photographs in zoology. A. M. Dubitskii, IU. B. Sofiev. Trudy Inst. zool. AN Kazakh. SSR 12 252-253 '60.

ANIMAL POPULATIONS

Forms of quantitative self-regulatory adaptations in fish populations [with summary in English]. G. V. Nikol'skii. Zhur. ob. biol. 21 no 4 233-244 Jl-Ag '60.

Method for calculating the number of marmots from an automobile. N. S. Tarasov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:143-115 '58.

Quantitative count of some species of steppe rodents. I. P. Brom. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:3-37 '58.

Rate of resettlement of rodents in buildings following selective deratization. N. S. Beliaeva Izv. Irk. gos. nauch.-issl. protivochum. inst. 16.224-227 '57.

ANIMAL-WORSHIP see subdivision under Crimea

ANIMALS
(see also subdivision under Transbaikalia)

Presents from the "Vitiaz' " I Sosnovskii Ogonek 38 no 22 32 My '60

ANIMALS, FOOD HABITS OF

Diet of the Daurian suslik. A. A. Moskovskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:56-59 '57.

Seasonal attractiveness of baits for red-backed and eastern vole of the Maritime Territory. N. N. Nechaeva. Izv. Irk gos. nauch.-issl protivochum. inst. 16:132-138 '57.

Supplementary data on the diet of the Daurian suslik. M. G. Petukhov, B. I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:101-104 '58.

ANIMALS, HABITATIONS OF

Some data on the biology and ecology of the Arctic fox with reference to the nature of distribution of its dens in the Bol'shezemel'skaya and Malozemel'skaya Tundras. V. D. Skrobov. Biul. MOIP. Otd. biol. 65 no. 3.28-36 My-Je '60.

Types of colonies of the greater gerbil (Rhombomys opimus Licht) in the Bet-Pak-Dala and their epizootiological significance M I. Ismagilov Trudy Inst zool AN Kazakh. SSR 13 54-66 '60

Types of refuge used by mammals and their distribution in different natural zones of extratropical Eurasia V. V. Kucheruk Vop. geog no. 48 103-120 '60

ANIMALS, HABITS AND BEHAVIOR OF see subdivision under Solovyevsk

ANIMALS, PARTHENOGENESIS IN see Parthenogenesis (Animals)

ANIMALS, TRAINING OF see subdivision under United States

ANIMALS AS CARRIERS OF DISEASE

Animals as carriers of disease. O. Korotych, V. Korotych. Nauka i zhyttia 10 no. 6:30-31 Je '60.

Natural foci of rural leptospirosis. IU. Parnas and others. Trudy Inst. zool. AN Kazakh. SSR 12:11-14 '60.

ANIMALS IN ART

Ancient art of Eurasia ("The symbol of the beast; the animal-style art of Eurasia" [in English] by Carter Dagny. Reviewed by N. Chlenova). Vest. ist. mir. kul't. no. 2:137-142 Mr-Ap '60.

Zoomorphic images on neolithic pottery from the Baikal region. P. P. Khoroshikh. Sov. arkheol. 4 no. 2: 228-229 '60.

ANISOLE

Alkylation of 2-chloroanisole by propylene, 2-butene, and cyclohexene in the presence of $BF_3 \cdot H_3PO_4$. A. V. Topchiev, V. G. Kriuchkova, S. V. Zavgorodnii. Dokl. AN SSSR 133 no. 3:617-619 Jl '60.

ANKLE—INNERVATION

Paths of pain impulses from the talocrural joint G. V Vinchenko Zdravookhranenie 3 no 2:48-50 Mr-Ap '60

ANNAMESE LANGUAGE—NOUN

The noun group in the Vietnamese language [with summary in English]. Nguyen Tai Can. Vest. LGU 15 no. 14.99-112 '60.

ANNEALING OF METALS

Avoiding waviness of hot-rolled electrical steel sheets. V.A.Koroleva and others. Metallurg 5 no.7:28-29 Jl '60.

Dependence of magnetic induction in cold-rolled electrical steel on conditions of final annealing [with summary in English]. A.I.Beliakov, B.N.Aronshenko. Stal' 20 no.8:750-752 Ag '60.

Dependence of the total coefficient of sheet material drawing on that of the initial operation without annealing between passes. V.I.Zalesskii, I. P.Mikhailenko. Sbor.inst.stali no.39:200-210 '60.

Effect of the rate of white cast iron ingot cooling on the mechanism of the formation of graphitization centers during annealing. I.I.Khorosheva. Izv.vys.ucheb. zav.;chern.met. no.6:140-145 '60.

Investigating the kinetics of determining the magnetic texture of 65 percent permalloy in the process of low temperature annealing. Sh.I.Zusman. Sbor.trud. TsNIICHM no.21:204-212 '60.

Rapid annealing of D16 and D1 alloys. K.S.Kirpichnikov. Trudy MATI no.47:38-47 '60.

ANNIVERSARIES

Calendar for propagandists; anniversary dates in July. Blok.agit.[Ukr.] no.10:64 Je '60.

Noteworthy dates. Nat.obr. no.6:126-127 Jl '60.

Noteworthy dates. Sem'ia i shkola 15 no.[illegible] [illegible] My '60.

Noteworthy dates. Sem'ia i shkola 15 no.6:48 Je '60.

Our anniversary calendar. Mol.kolkhoz. no.8:[illegible] Ag '60.

Our anniversary calendar. [illegible] 14 no.6:47 Je '60.

Our calendar. Klub 9 no.5:30 My '60.

ANNIVERSARIES-BIBLIOGRAPHY see Bibliography Anniversaries

ANOXEMIA

Effect of de-cerebration on changes in the respiration of rabbits and pigeons in a state of hypoxia [with summary in English]. N.V.Lauer, A.S.Kolchinskaia. Fiziol. zhur. [Ukr.] 6 no.4:[illegible]-497 Jl-Ag '60.

ANTARCTIC REGIONS

Above the icy silence of the [illegible] continent. [illegible] 17 no.[illegible] My '60.

Account of the third Session of the Special Committee for Antarctic Research. Inform.biul.Sov.antark.eksp. no.18:16 '60.

Brief communications. Inform.biul.Sov.antark.eksp. no.18:[illegible] '60.

New names on the map of Antarctica. [illegible] Priroda 49 no.7:[illegible] Jl '60.

News from the South Pole. [illegible] Priroda 49 no.7:48 Jl '60.

One more puzzle of the Antarctic. [illegible] Priroda 49 no.7:[illegible] Jl '60.

The [illegible] South Pole. A.Makeenov. [illegible]

A year in [illegible] days. A.[illegible] [illegible] [illegible]

ANTARCTIC REGIONS--BIRDS

Birds of eastern Antarctica. [illegible] Probl. Arkt.i Antarkt. no.1:95-108 '59.

ANTARCTIC REGIONS--EUPHAUSIIDAE

Contribution to the study of biochemical composition of the Antarctic plankton crustacea [illegible] [illegible] [illegible] no.[illegible] Jl '60.

ANTARCTIC REGIONS--METEOROLOGY

Characteristics of atmospheric circulation over Antarctica [illegible] [illegible] [illegible]

ANTARCTIC REGIONS--NAVIGATION (AERONAUTICS)

Navigation during flights over Antarctica. [illegible] Inform.biul.Sov.antark.eksp. no.18:[illegible] '60.

ANTARCTIC REGIONS--PENGUINS

Mummified seals and penguins found in Antarctica. K.K. Markov. Izv.AN SSSR Ser.geog. no.[illegible] '60.

ANTARCTIC REGIONS--PLATYHELMINTHES

A new genus of [illegible] from Antarctica [with summary in English]. V.[illegible] Zool. zhur. 39 no.6:[illegible] '60.

ANTARCTIC REGIONS--RUSSIAN EXPLORATION

Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. [Second Continental Expedition, 1956-1958, general description] Vtoraia kontinental'naia ekspeditsiia, 1956-1958.; obshchee opisanie. Pod red. A. F. Treshnikova. Leningrad, Izd-vo "Morskoi transport," 1960. 205 p. (Sovetskaia antarkticheskaia ekspeditsiia, no.8)

Radio messages from Antarctica. Inform.biul.Sov. antark.eksp. no.18:38-40 '60.

ANTARCTIC REGIONS--SEALS (ANIMALS)

Mummified seals and penguins found in Antarctica. K.K. Markov. Izv.AN SSSR Ser.geog. no.4:72-75 Jl-Ag '60.

ANTARCTIC REGIONS--WHALES

Materials on the reproduction of the Antarctic finback whale (Balaenoptera physalus) [with summary in English]. V.A.Zemskii. Biul.MOIP.Otd.biol. 65 no.1:17-27 Ja-F '60.

ANTARCTIC REGIONS--WHALING

Kukharenko, G.IA. [Sailing to the Antarctic to join a whaler fleet] Plavanie v Antarktiku k kitoboinoi flotilii. Moskva, Izd-vo "Morskoi transport," 1960. 28 p.

ANTARCTIC REGIONS--WILDLIFE, CONSERVATION OF--CONGRESSES

Antarctic Symposium on the Protection and Conservation of Wildlife in Antarctic regions. Inform.biul.Sov. antark.eksp. no.18:36-37 '60.

ANTARCTICA--ALTITUDES

Average elevation of Antarctica. K.K.Markov. Vest. Mosk.un.Ser.5:Geog. 15 no.3:7-14 My-Je '60.

ANTENNARIA

Contribution to the systematics of the genus Antennaria Gaertn. A.G.Borisova. Bot.mat.Gerb. 20:[illegible] '60.

ANTENNAS (ELECTRONICS)

Foreign patents. Elektrosviaz' 14 no.7:75 Jl '60.

Question of the noise and efficiency of antennas. N.M. [illegible] Izv.vys.ucheb.zav.;radiofiz. 3 no.[illegible] '60.

Rubinshtein, IA.M. [Radio wave propagation and antenna feeding devices] Rasprostranenie radiovoln i antenno fidernye ustroistva. Leningrad, Izd-vo "Morskoi transport," 1960. 307 p.

ANTHRACENE

Zone refining of anthracene. N.N.Spendiarov and others. Trudy IREA no.23:3-10 '59.

ANTHRACENE--SPECTRA

Supplementary anomalous light waves in anthracene in the region of exciton absorption. M.S.Brodin, S.I. Pekar. Zhur.eksp.i teor.fiz. 38 no.6:1910-1914 Je '60.

ANTHRACITE COAL see subdivision under Donets Basin

ANTHRANILIC ACID

Chemistry of heterocyclic compounds. Part 31: Synthesis of quinazolone compounds based on aryl amides of anthranilic acid. P.A.Petiunin, IU.V.Kozhevnikov. Zhur.ob.khim. 30 no.7:2352-2356 Jl '60.

ANTHRAQUINONE--SPECTRA

[illegible] [illegible] [illegible] [illegible] D.N. [illegible] [illegible] Dokl.AN SSSR [illegible] Jl '60.

ANTHRAZOLINE [illegible] subdivision under Tatana [illegible]

ANTIAIRCRAFT GUNS

[Antiaircraft fire. Effectiveness of antiaircraft fire. Translated from the French. Computing the trajectories of guided missiles. Translated from the German. Preface by [illegible]] [illegible] Moskva, Izd-vo inostr.lit., 1959. 201 p.

ANTIBIOTICS

See also subdivision under [illegible]

Action of [illegible] on the [illegible] [with summary in English]. [illegible] Antibiotiki 5 no.[illegible] Ja-F '60.

[illegible] [illegible] [with summary in English]. [illegible] Antibiotiki 5 no.[illegible] Ja-F '60.

[illegible] [illegible] [illegible] [illegible] Ap '60.

Change of the [illegible] [with summary in English]. [illegible] Antibiotiki 5 no.[illegible] Ja-F '60.

Comparative evaluation of some methods for the [illegible] [with summary in English]. [illegible] Antibiotiki 5 no.[illegible] Ja-F '60.

[illegible] [illegible] Dokl.AN SSSR [illegible] Jl '60.

Determination of the [illegible] [with summary in English]. [illegible] Antibiotiki 5 no.[illegible] Ja-F '60.

Effect of preliminary cooling on the course of infectious and aseptic inflammation and on the effectiveness of experimental antibiotic therapy [with summary in English]. P.N.Aleksandrov. Pat.fiziol.i eksp.terap. 4 no.3:20-23 My-Je '60.

Eidel'shtein, S.I. [Antibiotics] Antibiotiki. Moskva, Medgiz, 1959. 51 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Fermentation conditions for the organisms producing new antibiotics in an experimental plant [with summary in English]. L.S.Ivanov and others. Antibiotiki 5 no.1:13-17 Ja-F '60.

Influence of brief and prolonged contact of Corynebacterium diphtheriae with antibiotics on certain aspects of its virulence [with summary in English]. A.N.Smeeva. Antibiotiki 5 no.1:91-96 Ja-F '60.

Need for amino acids and for some metabolites by staphylococci which have acquired resistance to various antibiotics [with summary in English]. A.I.Moro[illegible] Antibiotiki 5 no.1:87-90 Ja-F '60.

Pharmacological study of antibiotic heliomycin [with summary in English]. L.I.Gol'dberg. Antibiotiki 5 no.1:107-112 Ja-F '60.

Possibility of using antibiotics to protect the outer fibrous sheathing of underground power cables from destruction by microorganisms [with summary in English]. N.A.Krasil'nikov, R.A.Zhukova, V.D.[illegible] Mikrobiologiia 29 no.3:[illegible]-150 My-Je '60.

Potential developments in antibiotics. Z.V.Ermol'eva. Nauka i zhizn' 27 no.6:23-27 Je '60.

Remedies borrowed from nature. S.M.Navashin. Znan. sila 35 no.5:10-10 My '60.

Sensitivity of Proteus to some antibiotics and nitrofuran preparations [with summary in English]. A.B.Chernomordik and others. Antibiotiki 5 no.1:81-84 Ja-F '60.

Study of the effectiveness of crystallomycin, erythromycin, mycerin, and aeksine in experimental meningitis [with summary in English]. V.I.[illegible] Antibiotiki 5 no.1:110-114 Ja-F '60.

Use of staphylococcal mutants with defective oxidation for the investigation of anticancerous antibiotics [with summary in English]. G.L.[illegible], G.V.Kochetkova. Antibiotiki 5 no.1:61-64 Ja-F '60.

Virulence of Mycobacterium tuberculosis in pulmonary caverns resected from patients following antibacterial therapy [with summary in English]. M.M.Averbakh. Antibiotiki 5 no.1:96-100 Ja-F '60.

ANTICOAGULANTS (MEDICINE)

Treatment of myocardial infarct with anticoagulants. S.V.Pechenina. Fel'd.i akush. 25 no.5:27-33 S-O '60.

ANTIGENS AND ANTIBODIES

Change in the antigenic properties of blood serums following the parenteral administration of nonprotein substances [with summary in English]. A.I.Nikolaev. Biul.eksp.biol.i med. 49 no.1:97-100 Ja '60.

Comparative study of antigenic properties of cardiac tissues in different animals and man [with summary in English]. R.E.Avetikova. Zhur.ob.biol. 21 no.3:[illegible] My-Je '60.

[illegible] qualities of Q fever antigen. A.I.Ignatova. Lab. delo 6 no.[illegible] Je '60.

ANTIMONY

Effect of hydrolysis on the extraction of antimony with diisopropyl ether and isoamyl alcohol. M.N.Privalova, D.I.Riabchikov. Zhur.neorg.khim. 5 no.7:1605-1611 Jl '60.

[illegible] [illegible] of antimony and [illegible] [illegible] [illegible] Jl '60.

ANTIMONY--ANALYSIS

Amperometric determination of arsenic and antimony. V.A.Zakharov, O.A.Songina, N.A.Dragavtseva. Zav. lab. 26 no.5:537-540 '60.

ANTIMONY CHLORIDE

Microscopic determination of the start of the precipitation of a basic salt of antimony (V) in a hydrochloric acid solution, and calculation of the solubility product of the salt. [illegible] Zhur. neorg.khim. [illegible] no.6:1160-1[illegible] Je '60.

ANTIMONY-RUBIDIUM ALLOYS see Rubidium-antimony alloys

ANTIOXIDANTS

Production of natural antioxidants from waste products of the food industry. Z.V.Borodina. Sbor.nauch.rab. Len.inst.sov.torg. no.15:11-16 '59.

Stabilization of vitamin A. V.A.Deviatnin, I.A.Solunina. Trudy VNIVI 6:122-126 '59.

Stabilizing action of various antioxidants on vitamin A concentrates and the preparation of vitamin A emulsions for use in animal husbandry. R.P.Nikolaev, A.I.Romanova. Trudy VNIVI 6:118-121 '59.

ANTIQUITIES see Archaeology; also subdivision 'Antiquities' under Azerbaijan, Black Sea region, Caucasus, Northern, Kiev, Ozkol Valley, Piraeus, Greece, Rostov Province, Uzun-Kol Valley

ANTISEPTICS

Antibacterial properties of starch iodide and its components [with summary in English] V O. Makhnach and others Mikrobiologiia 29 no 3 451-454 My-Je 60

ANTISPASMODICS

Influence of antispasmodic drugs and spasmodic poisons on the course and "threshold" of seizures resembling epilepsy. K.I.Pogodaev. Trudy Inst.vys.nerv.deiat. Ser.fiziol. 4:210-227 '60.

ANTONOVICH, MAKSIM ALEKSEEVICH, 1835-1918

Peunova, M. N. [M. A. Antonovich's philosophical outlook] Mirovozzrenie M. A. Antonovicha. Moskva, Izd-vo Akad.nauk SSSR, 1960. 189 p.

ANURA—PARASITES see Parasites—Anura

ANZHERO-SUDZHENSK—MATHEMATICS—STUDY AND TEACHING

Let's strive for a thorough knowledge of mathematics. S.Minina Nar.obr no 7 94-95 Jl '60

AORTA—SURGERY

Clinical symptomatology and treatment of the beginning thrombosis of an anastomosis between a branch of the aorta and the pulmonary artery. N. M. Sadykhov. Azerb.med. zhur. no.5:3-10 My '60.

APARTMENT HOUSES

(see also subdivision under Alma-Ata; Dnepropetrovsk, France, Great Britain, Kharkov, Kherson, Kolpino; Kramatorsk, Latvia; Leningrad, Moscow, Riga; Rostov-on-Don; Russia, Northern, Ural Mountain region, Vilnius; Warsaw)

After moving into the new home E. Kuzin Moskva 4 no.7:204-205 '60.

Analyzing housing projects to be built with the aid of workers and employees. A K Krivosheev, V.N Repnikov Trudy NPI 102,53-61 '59.

Apartment-house facilities areas. L.Tatarzhinskii, V. Polumordvinova. Zhil. stroi. no.6:12-15 Je '60.

Apartments for small families. B. Brandenburg. Stroi. i arkhit. Mosk 9 no.7:13-16 Jl '60.

Assembling houses made of vibrated brick panels. I. Lagun, S.Gorelik. Stroitel' no.6:11,14 Je '60.

Designs of large-panel apartment houses of the 1-168 and 1-468R series IA Slavutskii, V Ostretsov, V Inshakov Zhil stroi no 5 13-16 My '60

Editorial Zhil stroi no 5 1 My '60

Editorial. Zhil.stroi. no.7:1 Jl '60.

Experimental thin-walled panel apartment houses at the "Rostovshakhtstroi" Combine. S. N. Ionin. Trudy NPI 102:45-52 '59.

Industrial methods for installing electric wiring in large-panel apartment houses. V.Shcherbich Zhil.stroi. no.6,16-17 Je '60.

Institute of Housing Construction. A. P. Ol'khova. Izv. ASiA no.2:120-122 '60.

Koroteev, A. M. [The organization of work in an assembling brigade] Organizatsiia raboty v brigade montazhnikov. [Moskva] Mosk.rabochii, 1959. 53 p. (Stroiteli obmenivaiutsia opytom)

Making details of large-panel apartment houses of the 1-335 series. A. A. Balashov, V. F. Livanov. Transp. stroi. 10 no.5:25-29 My '60.

Measures for lowering costs of housing construction. I. V. Zel'manov. Transp.stroi. 10 no.7.33-35 Jl '60.

Plans for apartment houses with bearing crosswalls. L. IAkushevskii. Arkhit.SSSR no.7:37-39 '60.

Sherentsis, A. A., A. I. Brusilovskii, and O. S. Chefranova. [Design of multistoried apartment houses] Konstruktivnye skhemy mnogoetazhnykh zhilykh domov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 117 p.

[MICROFILM]

Sorokin, M. A. [Designing and building apartment houses and public buildings in foreign countries] Praktika proektirovaniia i stroitel'stva zhilykh i grazhdanskikh zdanii za rubezhom. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 106 p.

Through the pages of journals. Zhil. stroi. no.7:32 Jl '60.

APARTMENT HOUSES—HEATING AND VENTILATION

All-Union Conference on Ventilation of Apartment Houses. S. Kovenevskii. Stroi i arkhit. 8 no.5:28-29 My '60.

Ventilation of apartments. IU. Novichenko. Stroi. i arkhit. 8 no.5:27-28 My '60.

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Leningrad; Moscow; Pyatigorsk; Serpukhov

APARTMENT HOUSES—MANAGEMENT see subdivision under Zhigulevsk

APATITE

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.

No. 19. Shereshevskii, A. I. [Phosphate minerals; apatites and phosphorites] Fosfatnoe syr'e; apatity i fosfority. Nauchn. red. B. M. Gimmel'farb, 1959. 42 p.

Preparation of superphosphate from finely ground apatite concentrate D. L. TSyrlin Zhur. prikl. khim 33 no 7 1477-1482 Jl '60.

Ways of improving the underground system of mining in apatite mines. N. A. Afanas'ev, V. F. Abramov. Khim. prom. no.1:51-57 Ja-F '60.

APOPHYLLITE see subdivision under Almalyk region

APOPLEXY

Basic principles of rehabilitative therapy following acute disorders in brain circulation. N. D. Zybin. Voen.-med. zhur. no.5:26-30 My '60.

Differential diagnosis of thrombotic and hemorrhagic apoplexy. I S. Taitslin, L IA. Kolesnikova. Vrach. delo no.6:567-569 Je '60.

APPENDIX (ANATOMY)—INNERVATION

A. S. Dogel's second-type nerve cells [with summary in English] Z. IA. Tkachenko. Fiziol. zhur. [Ukr.] 6 no.4:541-544 Jl-Ag '60.

APPETITE

Daikhes, M. T. [Why healthy children lose their appetites] Pochemu zdorovye deti mogut poteriat' appetit. Moskva, [Uchpedgiz] 1957. 39 p. (Roditeliam o vospitanii)

(DNLM)

Poor appetite. M. M. Bubnova. Zdorov'e 6 no.7:13 Je '60

APPLE

(see also subdivision under Kirghizistan)

Anatomical peculiarities of structure in some varieties of apples. K. V. Nikitina. Sbor. nauch. rab. Len. inst. sov. torg. no.15:94-99 '59.

APPLE JUICE

Effect of fresh apple juice on the secretory and evacuatory functions of the human stomach [with summary in English]. A. H. Kondilenko. Fiziol. zhur. [Ukr.] 6 no.2:240-251 '60.

APPROXIMATE COMPUTATION

One theorem in the theory of mathematical quadratures. G. IA. Doronin. Izv. vys. ucheb. zav.; mat. no.2:86-92 '60.

Some means for effectively applying the principle of linearization to the construction of solutions of an important class of problems of nonlinear Chebyshev approximation [with summary in English]. IE. IA. Remez Dop. AN URSR no.3:272-278 '60.

APRICOT see subdivision under Turmen-Kala District; White Russia

APSHERON ARCHIPELAGO—OIL FIELDS—PRODUCTION METHODS

Analyzing the development of the upper layers of the Kirmaki series in the Darwin Shoal field considering the artificial conditions B. M. Kerimov. Izv vys ucheb. zav, neft' i gaz. 3 no.6 17-24 '60.

APSHERON PENINSULA—HEPATITIS, INFECTIOUS

Clinical course of infectious hepatitis in eastern regions of the Apsheron Peninsula. N. B. Tagieva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3:115-123 '60.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Nature of changes in the petroleum picture according to stratigraphic depth in the Kala field (Apsheron Peninsula) [in Azerbaijani with summary in Russian]. K. A. Ismailov, V. G. Idrisov. Dokl. AN Azerb. SSR 16 no.4:349-352 '60.

APSHERON PENINSULA—REGIONAL PLANNING

Carrying out the regional planning of the Apsheron Peninsula. T. Shcharinskii. Ekon. stroi. no.6:20-25 Je '60.

AQUARIUMS

Home-made aquarium I. A. Mikhal'chenko. Biol. v shkol. no 4 86-87 Jl-Ag '60

Tropical plants in aquariums. E. G. Nazarov. Priroda 49 no.7:118-119 Jl '60.

Vserossiiskoe obshchestvo okhrany prirody. TSentral'nyi sovet. [Aquarium] Akvarium; sbornik statei. Moskva, 1960. 60 p.

AQUATIC PLANTS see subdivision under Armenia

AQUATIC SPORTS

Aquatic sports are becoming more popular. K. Lebedev. Voen. znan. 36 no.7:14-15 Jl '60.

AQUATIC WEEDS see subdivision under Bukhara Province

ARABIC DRAMA—HISTORY AND CRITICISM

Arab dramaturgy and theater. L. Stepanov. Inostr. lit. no.8:264-265 Ag '60.

ARABIC PHILOLOGY

New work on Arabic studies in Soviet Russia ("Arabic studies in the U.S.S.R. (1917-1959)" by G Sh Sharbatov Reviewed by V. Shapiro). Kul't. i zhizn' 4 no.6 59-61 '60.

ARABIC STUDIES

In anticipation of the International Congress of Oriental Studies [with English summary in insert]. E. A. Beliaev. Sovr. Vost. no.7:10 Jl '60.

Krachkovskii, I. IU. [Selected works] Izbrannye sochineniia. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 6. 1960. 739 p.

ARAL SEA—BIOLOGY

Bays along the eastern shore of the Aral Sea and their fauna and flora. N. Z. Khusainova. Vest. AN Kazakh. SSR 16 no.6:34-42 Je '60.

ARAL SEA—SHORELINES

Morphology and dynamics of the fan-shaped shore of northern Aral Sea region. V. I. Lymarev. Trudy Sekt. geog. AN Kazakh. S.S.R. no.6:116-124 '60.

ARAL SEA REGION—SOILS

Soils in the eastern part of the Aral Sea region. V. M. Borovskii, M. A. Orlova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.3:3-14 '60.

ARALKYLATION

Aralkylation of phenol by styrene and α-methylstyrene. S. V. Zavgorodnii, D. A. Zaitsev, D. P. El'chinov. Zhur. ob. khim. 30 no.7:2186-2190 Jl '60.

ARBITRATION AND AWARD

Decisions of arbitration agencies. Sov. iust. no.7:31 Jl '60.

Decisions of arbitration agencies. Sov. iust. no.6,31 Jl '60.

Decisions of the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. Sots. zakon. 37 no.6:91-93 Je '60.

Let's develop democratic methods in the work of arbitration agencies. V. Efimochkin. Sots. zakon. 37 no.6 40-43 Je '60.

Possibility for the arbitration of precontract disputes. N. Murzin. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava. no.1:17-31 '60.

Ramzaitsev, D. F. [Arbitration in merchant marine] Arbitrazh v torgovom moreplavanii. Moskva, Izd-vo "Morskoi transport," 1960. 130 p.

ARBORETUMS see subdivision under Chernovtsy; Vil'gort, Komi A.S.S.R.

ARCHAEOLOGY

(see also subdivision under Rumania; Ukraine; also subdivision 'Antiquities' under Azerbaijan; Black Sea region; Caucasus, Northern; Kiev; Oskol Valley; Piraeus, Greece; Rostov Province; Uzun-Kol Valley)

Search for ancient civilizations A. Varshavskii. Sem'ia i shkola 15 no 5.20-20 My '60.

Underwater archaeology? R. Bershadskii. Znan. sila 35 no.6:9-12 Je '60.

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL—BOILERS

Burning bark in precombustion chambers. S. M Gaitegori, M. V Marder. Bum prom 35 no 5 19-20 My '60

ARCHANGEL—HYDROLYSIS

Experience in using horizontal percolation. IU. M. Vodolazov. Gidroliz. i lesokhim. prom. 13 no.5:21-22 '60.

ARCHANGEL—MUSIC

"Music week." L. Shishov. Komsom. zhizn' no.11:25-26 Je '60.

ARCHANGEL—UNDERGROUND LITERATURE

"Kolokol'chik," a handwritten newspaper. G. G. Frumenkov. Ist. SSSR 4 no.3:143-144 My-Je '60.

ARCHANGEL PROVINCE—FISHING

Along the Pinega and the Kuloi. S. V. Kliuev. Zdorov'e 6 no.6:26-27 Je '60.

ARCHANGEL PROVINCE—FOLKLORE

The 1959 folklore expedition to Archangel. Vest. Mosk. un. Ser. 7: Filol., zhur. no.1:85-87 '60.

ARCHANGEL PROVINCE—LUMBERING

Outrunning the years. Okhr truda i sots strakh 3 no 3:28-30 Mr '60.

ARCHANGEL PROVINCE—OTTERS

Biology of the glutton and the otter [with summary in English]. V.IA.Parovshchikov. Zool.zhur. 39 no.7: 1111 Jl '60.

ARCHANGEL PROVINCE—WOLVERINES

Biology of the glutton and the otter [with summary in English]. V.IA.Parovshchikov. Zool.zhur. 39 no.7: 1111 Jl '60.

ARCHES—VIBRATION

Frequency of free vibrations of hingless parabolic arches [with summary in English]. IU.A.Radtsikhovs'kyi. Dop AN URSR no.5:619-622 '60.

ARCHITECTS

What is the role of architects in construction. A.A.Liubosh. Stroi.i arkhit.Len. 32 no.7:20 21 '60.

ARCHITECTURAL ACOUSTICS

Acoustics of the new Peking motion-picture studio. A.N. Kacherovich. Tekh.kino i telev. 4 no.7:71-76 Jl '60.

ARCHITECTURAL MODELS

Using models in designing and assembling structures. A.N.Batenchik, E.IA.Sokolnovskii, V.I.Rybak. Mest.prom.i khud.promys. 33 no.7:0 13 Jl '60.

ARCHITECTURE
(see also subdivision under Czechoslovakia, Finland; Leningrad, Ukraine; Voronezh)

For comprehensive innovation. A.Vlasov. Oktiabr' 37 no.6:3 11 Je '60.

ARCHITECTURE—ABSTRACTS

[Journal of abstracts: Construction and architecture.] Ref.zhur.: Stroi.i arkhit. no.4 '60.

ARCHITECTURE—COMPOSITION, PROPORTION, ETC.

The nature of architecture. V.IA.Zhitkov. Trudy NPI 102:[illegible] '59.

Simplicity, honesty, and harmonic beauty in architecture. P.Volodin. Stroi.i arkhit.Mosk. 9 no.7:3 5 Jl '60.

ARCHITECTURE—CONSERVATION AND RESTORATION
(see also subdivision under Leningrad)

Voronin, N.N. [Love and preserve the monuments of old Russian art] Liubite i sokhraniaite pamiatniki drevnerusskogo iskusstva. Moskva, Gos.izd-vo "Iskusstvo," 1960. 45 p., illus.

ARCHITECTURE—DESIGNS AND PLANS
(see also subdivision under Tallinn)

Approving standard plans (planning problems) of large panel apartment houses of the I-101 series. Biul.stroi tekh. 17 no.7:22 23 Jl '60.

Architectural practices in Georgia. R.Agababian, I.Itatishvili, G.Chigogidze. Arkhit.SSSR no 7:13 19 '60.

Institute of Experimental Designing. N.B.Rubanenko. Izv.ASiA no.4:110 [illegible]

Problems in designing all-purpose auditoriums for the city of Leningrad. O.P.Stepanov. Stroi.i arkhit.Len. 22 no.6:[illegible] '60.

"Regulations for appraising current standard plans for industrial construction, farm buildings, and construction for the transportation industry." Biul.stroi.tekh. 17 no.6:11 11 Je '60.

"Regulations on the experts appraisal of plans and estimates for construction." Biul.stroi.tekh. 17 no.6 2 5 Je '60.

Report on the creative work of the Institute of Experimental Designing. I.Zykov. Arkhit.SSSR no 5 40 '60.

Using standard plans in construction. Biul.stroi.tekh. 17 no.7 6-11 Jl '60.

ARCHITECTURE—PERIODICALS

First issues of "Experimental Designing." S.L.Rubin. Izv.ASiA no.3:127 128 '60.

ARCHITECTURE, DOMESTIC see subdivision under Estonia, Golodnaya Steppe; Hungary

ARCHIVES
(see also subdivision under Albania; Kurgan Province, United States)

Archives of the Committee for the North. S.Sh.Khaskina. Ist.arkh. 6 no.3:185-191 My-Je '60.

A conference of party archive workers of White Russia; the Baltic and northwestern regions. V.V.Zueva, Z.N.Nikanorova. Ist.arkh. 6 no.3:215-219 My-Je '60.

Documents on the history of Komi. Ist.-filol.sbor. no.4 241-241 '59.

Meeting of the Academic Council of the Archives Administration of the R.S.F.S.R. E.M.Korneva. Ist.arkh. 6 no.3:221-223 My-Je '60.

A meeting of the Council on Methods of the Central Party Archives. I.V.Kutsinikov. Ist.arkh. 6 no.3:219-220 My-Je '60.

Notes on archives and documents. L.B.Shatenshtein and others. Ist.arkh. 6 no.3:234-238 My-Je '60.

A review of the Moscow and Moscow Province regional economic council archive collections. L.I.Davydova, E.I.Dalsenko. Ist.arkh. 6 no.3:172-185 My-Je '60.

ARCTIC FOX see subdivision under Bol'shezemel'skaya Tundra; Malozemel'skaya Tundra

ARCTIC OCEAN

Mendeleev, D.I. [Conquest of the Far North] Osvoenie Krainego Severa. Moskva, Izd-vo Akad.nauk SSSR. (Nauchnyi arkhiv)

Vol.1. [High latitudes of the Arctic Ocean] Vysokie shiroty Severnogo Ledovitogo okeana. 1960. 427 p.

ARCTIC REGIONS

The past year in the Arctic. Artem Anfinogenov. Novyi mir 36 no.7:191-202 Jl '60.

ARCTIC REGIONS—BIBLIOGRAPHY

Captains discoverers. G.Karpin. Vokrug sveta no 6: 62 Je '60.

ARCTIC REGIONS—ALBEDO

Albedo of the surface of drift ice. N.N.Briazgin. Probl. Arkt.i Antarkt. no.1:33-30 '59.

ARCTIC REGIONS—BUMBLEBEES

Conjugate distribution of bumblebees and leguminous plants in the Arctic [with summary in English]. D.V. Panfilov, V.F.Shamurin, B.A.Iurtsev. Biul.MOIP. Otd.biol. 65 no.3:53 63 My-Je '60.

ARCTIC REGIONS—CLUB MOSSES

Arctic forms of Lycopodium selago L. s.l. A.I.Tolmachev. Bot.zhur. 45 no.[illegible] 30 11 '60

ARCTIC REGIONS—DRIFTING ICE STATIONS

Happy landing! Vokrug sveta no.6:1 Je '60.

ARCTIC REGIONS—EVAPORATION

Heat flow of evaporation from the surface of the ice cover in the central Arctic. O.N.IAkovlev. Probl. Arkt.i Antarkt. no.1:59-63 '59.

ARCTIC REGIONS—FROZEN GROUND

Heat balance of the active layer of permafrost in summer. K.A.Sychev. Probl.Arkt.i Antarkt. no.1: 87-93 '59.

ARCTIC REGIONS—LEGUMINOSAE

Conjugate distribution of bumblebees and leguminous plants in the Arctic [with summary in English]. D.V. Panfilov, V.F.Shamurin, B.A.Iurtsev. Biul.MOIP. Otd.biol. 65 no.3:53 63 My-Je '60.

ARCTIC REGIONS—OCEAN CURRENTS

Effect of currents on the submersion depth of automatic station recorders. N.F.Kudriavtsev. Probl.Arkt.i Antarkt. no.1:11-23 '59.

ARCTIC REGIONS—PLANT TEMPERATURE

Temperature of Arctic plants [with summary in English]. B.A.Tikhomirov, V.F.Shamurin, V.V.Shtepa. Izv AN SSSR.Ser.biol. no.3:429 443 My-Je '60.

ARCTIC REGIONS—RUSSIAN EXPLORATION

Winter and spring expeditions of the Arctic and Antarctic Institute in 1959. M.P.Kozlov. Probl.Arkt. i Antarkt. no.1:119-120 '59.

ARGENTINA—HISTORY

Dawn over the Rio de la Plata. Maria Rosa Oliver. Ogonek 38 no 22 11 My '60

ARGHIZTL see subdivision under Daghestan

ARGUN RIVER (TRANSBAIKALIA)—FLEAS

Fleas of rodents in the flood-lands of the Argun River (Transbaikalia). N.M.Rusanova and others. Izv. Irk.gos.nauch.-issl.protivochum.inst. 17:39-46 '58.

ARGUN RIVER (TRANSBAIKALIA)—RODENTIA

Rodents of the Argun River (Transbaikalia) flood lands. V.M.Lipaev and others. Izv.Irk.gos.nauch.-issl. protivochum.inst. 16:19 35 '57.

ARITHMETIC

Ostrovskii, A.I., and B.A. Kordemskii. [Geometry helps arithmetic] Geometriia pomogaet arifmetike. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 165 p.

ARITHMETIC—STUDY AND TEACHING

Formation of elementary mathematical concepts. Report No 1: Psychological analysis of modern methods in teaching elementary mathematical concepts. P.IA.Gal'perin, L.S.Georgiev. Dokl APN no 1 31-36 '60

Formation of speech together with the development of thinking during arithmetic lessons in the school for the deaf-mute. R.N.Mel'nikov. Uch.zap.Ped.inst.Gerts. 171 59-84 '59.

Overcoming mistakes that students make during independent work on arithmetic problems. O.T.Borbkovskaia. Dokl APN no 1 23-26 '60

A reverse problem in the arithmetic course. P.M. Erdniev. Nach.shkola 28 no.6 23-27 Je '60.

Teaching children to count. V.Kondratova. Doshk.vosp. 33 no.5 54-57 My '60

Use of square numerical figures in the first grade. D.V. Polentchnyy. Nach.shkola 28 no.6 77-78 Je '60.

ARITHMETIC—TEXTBOOKS

Russian textbooks on arithmetic in Bulgaria in the 19th century. Report No.1: Translation of the textbook by P.Mikhailov, made by Khr.Botev. R.I.Simonov. Dokl.APN no.3 49-52 '60.

ARITHMETIC, COMMERCIAL

Belon'kii, N.S. [Collection of problems and exercises in commercial arithmetic] Sbornik zadach i uprazhnenii po khoziaistvennym vychisleniiam. Izd.6., perer. Moskva, Gos.izd vo torg.lit-ry, 1960. 215 p.

ARKHANGEL'SKII, SVIATOSLAV NIKOLAEVICH

Letters to the editor. Iskusstvo 23 no.6:79-80 '60.

ARLAN REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy of terrigenous section of the lower Carboniferous in northwestern Bashkiria. G.I.Teodorovich, M.V.Bagdasarova. Dokl.AN SSSR 133 no.3:438-441 Jl '60.

ARLOUSKI, KIRYL

"Restless heart" by Makar Pasliadovich. Reviewed by I Kulrantsau. Belarus' 17 no 5:31 My '60

ARMAMENTS
(see also subdivision under United States)

Disarmament as a pressing problem of our time. A.Borchin. Polit.samoobr. 4 no.7:34-44 Jl '60.

ARMENIA—AQUATIC PLANTS

Vegetation of reservoirs of the Ararat Valley. A.M. Barsegian. Priroda 49 no 7:76-78 Jl '60.

ARMENIA—CITY PLANNING

City planning and building in Soviet Armenia from 1920 through the 1930's. A.G.Grigorian. Izv.AN Arm.SSR. Obshchestv.nauki no.3:9-34 Mr '60.

ARMENIA—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Tovmasian, S.A. [Report of the Central Committee of the Communist Party of Armenia to its 21st Congress, February 10, 1960] Otchetnyi doklad TsK KP Armenii XXI s''ezdu Kommunisticheskoi Partii Armenii, 10 fevralia 1960 goda. Erevan, Armianskoe gos.izd-vo 1960. 103 p.

ARMENIA—COMMUNIST YOUTH LEAGUE

"Communist Youth League of Armenia in the struggle for socialist industrialization from 1926 through 1932" by G.Avetisian. Reviewed by A.B.Karinian. Izv.AN Arm SSR.Obshchestv.nauki no.2:91 96 '60.

ARMENIA—CONSTRUCTION INDUSTRY

In the mountains and valleys of Armenia. M.Karpovich. Sov.deput.trud. no.7:56-61 Jl '60.

ARMENIA—CORN (MAIZE)—VARIETIES

Biochemical study of some double interlinear corn hybrids raised in the Ararat Lowland [in Armenian with summary in Russian]. T.A.Oganesian. Izv.AN Arm. SSR.Biol.nauki 13 no.3:41-51 [illegible] '60.

ARMENIA—CROPS AND CLIMATE

Agrometeorology in A.B.Bagdasarian's book "Climate of the Armenian S.S.R." L.A.Pafiadzhian. Meteor.i gidrol. no.7:49 51 Jl '60.

ARMENIA—DIPTERA

Materials on the midges (Diptera, Heleidae) of Armenia with the description of a new species. Sh.M.Dzhafarov. Izv.AN Arm.SSR.Biol.nauki 13 no.1:95-98 Ja '60.

ARMENIA—ECONOMIC CONDITIONS

Tovmasian, S.A. [Report of the Central Committee of the Communist Party of Armenia to its 21st Congress, February 10, 1960] Otchetnyi doklad TsK KP Armenii XXI s''ezdu Kommunisticheskoi Partii Armenii, 10 fevralia 1960 goda. Erevan, Armianskoe gos.izd-vo 1960. 102 p.

ARMENIA—EDUCATION

After the school bell. S.Bagdasarian. Komsom.zhizn' no.13:18-20 Jl '60.

ARMENIA—ELECTRIC INDUSTRIES

Outlooks for the development of the electrical engineering industry in Armenia during the seven-year plan. A.E. Ashkinazi. Vest elektroprom 31 no 6 1-6 Je '60

ARMENIA—FOREIGN RELATIONS—SPAIN

Spain and Armenia [in Armenian with summary in Russian]. Arshak Alpoiadzhian. Ist.-filol.zhur. no.4: 86-104 '60.

ARMENIA—FUCHSITE

Find of fuchsite in the Gaxma granodiorite intrusive (Armenian S.S.R.). A.K.Babadzhanian. Zap.Vses. min.ob-va 89 no.2:232-233 '60.

ARMENIA—HISTORY
On the significance of the Turkmenchay Treaty in Armenian history. L.S.Semenov. Ist.-filol.zhur. no.4 105-121 '59.

ARMENIA—HISTORY, MILITARY
Materials on the history of the new Armenia. M.G. Nersisian. Ist.-filol.zhur. no.4:288-308 '59.

ARMENIA—HYDROELECTRIC POWER STATIONS
Disproved axioms. Znan sila 35 no.6:31 Je '60.

ARMENIA—INDUSTRIES
"Communist Youth League of Armenia in the struggle for socialist industrialization from 1926 through 1932" by G. Avetisian Reviewed by A.B Karinian. Izv.AN Arm SSR. Obshchestv nauki no.2:81-90 '60.

ARMENIA—INSECTS, INJURIOUS AND BENEFICIAL
New oleaster (Elaeagnus L.) pests from Armenia [in Armenian with summary in Russian]. G.D.Avakian. Izv AN Arm.SSR. Biol. nauki 13 no.2 91-95 F '60

ARMENIA—PEAT
Studies on the biological activity of peat. A.Sh.Galstian, T.T.Vardanian. Izv.AN Arm.SSR.Biol.nauki 13 no.2: 77-83 F '60.

ARMENIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES
Armenian Friendship Society B Grigorian Kul't i zhizn' 4 no 7 42-43 '60

ARMENIA—REVOLUTION, 1917-1921
From the history of Armenian Soviets during diarchial period M G Nikogosian Izv AN Arm SSR Obshchestv nauki no 1 3-16 '60

ARMENIA—SEPULCHRAL MONUMENTS
Armenian sepulchral monuments [in Armenian with summary in Russian]. S.G. Barkhudarian, G.O. Karakhanian. Ist.-filol.zhur. no.4 195-201 '59.

ARMENIA—SOVIETS
From the history of Armenia Soviets during diarchial period M G Nikogosian Izv AN Arm SSR Obshchestv nauki no 1 3-16 '60.

ARMENIA—TAXATION
On the levies referred to in the inscription of Master Aaron (1055-1056) [in Armenian with summary in Russian]. R.M.Bartikian. Ist.-filol.zhur. no.4.168-173 '59.

ARMENIA—THEATER
Between Scylla and Charybdis. V.Adzhemian. Teatr 21 no 8 72-77 Ag '60.
The season in Armenia L Sambelian Teatr 21 no 6 145-146 Je '60

ARMENIA—VITICULTURE
Prospects for the development of fruit-viticultural state farms in northeastern Armenia M S Babadzhanian. Izv AN Arm SSR Obshchestv nauki no 1:49-62 '60

ARMENIA—WORLD WAR, 1939-1945—ECONOMIC ASPECTS
The participation of the Armenian people in the liberation of the Ukraine during the Great Patriotic War [in Armenian with summary in Russian]. S.V.Kharmandarian. Ist.-filol.zhur. no.4:132-139 '59.

ARMENIAN LANGUAGE—AFFIXES
The ways of forming affixes in the modern Armenian language [in Armenian with summary in Russian]. S.A.Eloian. Ist.-filol.zhur. no.4:46-68 '59.

ARMENIAN LANGUAGE—ETYMOLOGY
Etymological observations [in Armenian with summary in Russian]. Al.S.Markarian. Ist.-filol.zhur. no.4:221-232 '59.

ARMENIAN LANGUAGE—PRONOUN
Possessive pronouns in the Armenian language [in Armenian with summary in Russian]. M.P.Minasian. Ist.-filol.zhur. no.4.153-167 '59.

ARMENIAN NEWSPAPERS
"Tekhekatu" the organ of the Baku Commune in the Armenian language [in Armenian with summary in Russian]. S.D.Avakian. Ist.-filol.zhur. no.4:123-131 '59.

ARMENIAN PAINTING see Painting, Armenian

ARMENIAN POTTERY see Pottery, Armenian

ARMENIAN SCULPTURE see Sculpture, Armenian

ARMENIAN TEMPLES see Temples, Armenian

ARMENIANS
(see also subdivision under Zolochev)
Some materials on the ethnology of the Armenians. D.Vardumian. Krat.soob.Inst.etn. no.33:31-38 '60.

ARMIES see also subdivision 'Army' under Denmark, Germany, Germany, West; Russia, United States

ARMOLINSK PROVINCE—STATE FARMS
We shall harvest without outside help. E.Nutsalkhanov. Part.zhizn' Kazakh. 30 no.7 51-54 Jl '60.

ARNICA see subdivision under Carpathian Mountains

AROMATIC COMPOUNDS
Nauchno-issledovatel'skii institut organicheskikh poluproduktov i krasitelei. [Organic intermediate products and dyes, collected articles] Organicheskie poluprodukty i krasiteli, sbornik statei. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry.
No.1. 1959. 238 p.
[MICROFILM]
Structure and properties of aromatic compounds in the oil fraction of sulfur-bearing crudes. V.A.Potanina, L.G.Zherdeva. Khim.i tekh.topl.i masel 5 no.5:26-31 My '60.

ARPA VALLEY (TIEN SHAN PROVINCE)—SOILS
Soils of the Arpa Valley. A.M.Mamytov. Izv.AN Kir. SSR.Ser.biol nauk 2 no.2 23-48 '60.

ARSENAZO
Photometric determination of microquantities of uranium with arsenazo III [with summary in English]. V.F. Luk'ianov, S.B.Savvin, I.V.Nikol'skaia. Zhur.anal. khim. 15 no 3:311-314 My-Je '60
Photometric determination of small amounts of thorium with arsenazo [with summary in English]. V.I.Kuznetsov, I.V.Nikol'skaia. Zhur.anal.khim. 15 no.3: 299-305 My-Je '60.
Spectrophotometric investigation of the reaction of complex formation between thorium and o-(1,8-dihydroxy-3,6-disulfo-2-naphthylazo) benzenearsonic acid (arsenazo). A.E.Klygin, V.K.Pavlova. Zhur.neorg.khim. 5 no.7:1516-1521 Jl '60.

ARSENIC
Change in the arsenic content during the agglomeration of Kerch ores [with summary in English] Z I Nekrasov, A II Ul'ianov Dop AN URSR no 3 342-344 '60.

ARSENIC—ANALYSIS
Amperometric determination of arsenic and antimony. V.A.Zakharov, O.A.Songina, N.A.Dragavtseva. Zav. lab. 26 no.5 537-540 '60.
"Methods of chemical analysis of arsenic ores and products of their treatment" by A.S.Ruchik. Reviewed by G A.Butenko. Zav.lab. 26 no.6:777-779 '60.

ARSENIC COMPOUNDS
Flow method for the catalytic oxidation of solutions of arsenic compounds by atmospheric oxygen with the participation of nitrogen oxides D IA Evdokimov Zhur prikl khim 33 no 7 1664-1667 Jl '60

ARSENIC OXIDE
Preparation of arsenic trioxide of high purity. I.I.Angelov, N.S.Dmitrieva. Trudy IREA no.23:25-28 '59.
Solubility isotherm of the system $Na_2O - H_2O - As_2O_5$ at 75° (concerning the process of the alkaline refining of lead). G.G.Urazov, B.M.Lipshits, V.S.Lovchikov. Zhur. neorg.khim. 5 no.4:950-952 Ap '60.

ART
Akademiia nauk SSSR. Institut istorii iskusstv. [History of Russian art] Istoriia russkogo iskusstva. Pod obshche obshchei red. I.E.Grabaria, V.S.Kemenova i V.N. Lazareva. Moskva.
Vol.5. 1960. 560 p.
"Art and democracy" by M Gus Reviewed by L. Fomenko Zvezda no 5 216 My '60
Brief notes. Iskusstvo 23 no.5:78-80 '60.
Brief notes. Iskusstvo 23 no.6:76-78 '60.
Do not impoverish art! B.Ioganson. Iskusstvo 23 no.6: 4-6 '60.
Originality in creativeness. F.Shaposhnikov. Iskusstvo 23 no 6:7-12 '60.
What is art? N Rzhevskaia. Vop.lit. 4 no.8.132-137 Ag '60.
A word from readers. Iskusstvo 23 no.6:21-24 '60.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CONGRESSES
[illegible] h and the

ART—EXHIBITION, TRAVELING
A valuable reference book ("The Association of Itinerary Art Exhibitions" by G.Burova, O.Gaponova, V.Rumiantseva Reviewed by A.K.Lebedev). Iskusstvo 23 no.5.72 '60.

ART—EXHIBITIONS
(see also subdivision under Ashkhabad, Moscow)
In the halls of an exhibition E.Resina Belarus' 17 no 7 15 Jl '60
Main subject. L.Krylovskaia. Mast.ugl. 9 no.7:25 Jl '60.
Peace to the peopels! Iskusstvo 23 no.6:2-3 '60.
Today and tomorrow of science and technology. A.Sysoev. Znan.sila 35 no.7:46 Jl '60.

ART—PERIODICALS
Foreign art journals. Iskusstvo 23 no.5:75-77 '60.
Foreign art journals. Iskusstvo 23 no.6:74-75 '60.
On the periodical "Tvorchestvo." Vl.Tolstoi. Iskusstvo 23 no.5:73-74 '60.

ART—PHILOSOPHY
Khachikian, IA.I. [Perceptional significance of art] O poznavatel'nom znachenii iskusstva. Erevan, Izd-vo AN Armianskoi SSR, 1959. 176 p.
(RPB)
Problems of the development of folk art in Antonio Gramsci's "Notes of a prisoner." A.A.Lebedev. Vop. filos. 14 no.7 78-89 '60.

ART—STUDY AND TEACHING see subdivision under Bashkiria

ART, AMERICAN—EXHIBITIONS see subdivision under Moscow

ART, EURASIAN
Ancient art of Eurasia ("The symbol of the beast; the animal-style art of Eurasia" [in English] by Carter Dagny Reviewed by N.Chlenova). Vest.ist.mir kul't. no.2:137-142 Mr-Ap '60.

ART, GEORGIAN
Chubinashvili, G.N. [The achievements of Soviet Georgia in the history of art] Dostizheniia Sovetskoi Gruzii v oblasti istorii iskusstv. Tbilisi, Izd-vo Akad.nauk Gruz. SSR, 1959. 54 p.

ART, ORIENTAL
Korpacheva, N. [State Museum of Oriental Cultures] Gosudarstvennyi muzei vostochnykh kul'tur. Moskva, Gos.izd-vo izobraz.iskus., 1959. 12 p.
(RPB)

ART, OSSETIC
Ezerskaia, N.A. [Artists of North Ossetia] Khudozhniki Severnoi Osetii. Moskva, Gos.izd-vo "Iskusstvo," 1960. 36 p.

ART, PRIMITIVE
The mammoth in the portrayal of upper paleolithic man. V.E.Garutt. Mat.i issl.po arkheol. 79:150-163 '60.

ART, RENAISSANCE see subdivision under Netherlands

ART, WHITE RUSSIAN—PERIODICALS
"The voice of artists" N Kedalava Belarus' 17 no 5 25 My '60.

ART AND MORALS
"The ethical and aesthetic in art" by V.A.Razumnyi. Reviewed by I.Matsa. Iskusstvo 23 no.6:72-74 '60.

ART GALLERIES AND MUSEUMS see subdivision under Kharkov, Leningrad

ART INDUSTRIES
(see also subdivision under Matera)
Exhibit of folk talents. A.Popov. Prom.koop. 14 no.6: 1-2 Je '60.
The rise of art industries. E.Kil'chevskaia. Prom.koop. 14 no.6:7 Je '60.

ART INDUSTRIES—EXHIBITIONS
(see also subdivision under Moscow; White Russia)
At international exhibitions and fairs. R.Melikhova, N.Ivanova. Prom.koop. 14 no.6:10 Je '60.

ART SCHOOLS
(see also subdivision under Minsk)
Art schools. D.Viksne. Prom.koop. 14 no.6:8-9 Je '60.

ARTELS see Cooperative Societies

ARTEM, pseud. see Sergeev, Fedor Andreevich, 1883-1921

ARTEMOVSK—GLASS MANUFACTURE
Glass rainbow. M.Mialov. Ukraina no.11 8,16b,-16c Je '60.

ARTERIES—DISEASES
(see also subdivision under Kudepsta)
Diagnosis of obliterating endarteritis and ischias. Z.M. Pshenichnaia. Vrach.delo no.6:643 Je '60.
Importance of capillaroscopy and dermal thermometry in the diagnosis of the early stages of obliterating endarteritis. M.D.Arslanov. Zdrav.Kazakh. 18 no.1:64-67 '58.
Periarteritis nodosa in children. I.M.Lazarev. Zdravookhranenie 3 no.3:27-32 My-Je '60.
Some data on the treatment of patients with obliterating endarteritis by the intra-arterial use of a dionine-novocaine solution combined with redergam. L.N.Simanovskii, A.G.Ostrovskii. Vrach.delo no.6:641 Je '60.
Use of ultrahigh-frequency and ozocerite in obliterating endarteritis. B.Z.Vengerov. Voen.-med.zhur. no.6: 48-49 Je '60.

ARTERIOSCLEROSIS
(see also subdivision under India)
Atherosclerosis and vitamins. IA. [illegible] Shpiro. Zdorov'e 6 no.6:11 Je '60.

ARTESIAN WELLS
(see also subdivision under Odessa Province; Tambov Province; Ukraine)
New apparatus for flushing artesian wells and filters. S. Letman. [illegible] 10 no.5:23 My '60.

ARTHRITIS
Effect of health resort therapy at the Khosta sanatorium on the temperature regulation of patients with dystrophic polyarthritis. M.N.Sitkin. Voen.-med. zhur. no.6:45-48 Je '60.
Electrophoretic investigation of blood protein fractions in patients with rheumatic and infectious nonspecific polyarthritis before and following treatment with butadione. P.G.Podorozhnyi. Vrach.delo no.6:611-615 Je '60.
Krupko, I.L. [Humeroscapular periarthritis] Plecho-lopatochnyi periartrit. [Leningrad] Medgiz, 1959. 83 p. (Biblioteka prakticheskogo vracha) [illegible]
Skin temperature in rheumatic polyarthritis. V.A.Piliperko. Vrach.delo no.6:587-591 Je '60.

ARTIFICIAL ARMS
For our Chinese friend. I.Stoliarova. Sots.obesp. 21 no.6:48-49 Je '60.

ARTIFICIAL HIBERNATION
Indications, contraindications, and hazards of hibernation and ganglioplegia in surgery. T.M.Darbinian. Voen.-med. zhur. no.6:54-58 Je '60.

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL LIMBS
[illegible] assortment and its correction in [illegible] [with summary in English]. I.Sh. [illegible] [illegible] '60.

ARTIFICIAL MODIFICATION OF CLIMATE see Rain making

ARTIFICIAL PNEUMOPERITONEUM see Pneumoperitoneum, Artificial

ARTIFICIAL SATELLITES
Artificial "eyes" of the [illegible]. [illegible] '60.
The first space ship. [illegible]
Geophysical research using rockets and artificial satellites. A.A.Blagonravov, M.G.Kroshkin. [illegible] 30 [illegible] '60.
Meteorological station in outer space. [illegible] '60.
[illegible]
Satellites of destruction. Nauka i zhizn' 27 no.6:10 Je '60.
[illegible]
[illegible] space ships and satellites [illegible] forward to space flight. [illegible] Je '60.
Soviet space ship and new sputnik. I.[illegible] [illegible] My '60.
The world applauds us. Agitator no.10:3 My '60.

ARTIFICIAL SATELLITES—LAW AND LEGISLATION see Space law

ARTIFICIAL SATELLITES—TRACKING
[illegible] for determining the coordinates of artificial earth satellites from photographs obtained with the NAFA [illegible] camera. A.A. [illegible], D.A. [illegible], D.F. [illegible]. Biul.sta.opt.nabl.isk.sput.Zemli no.3:14-15 '60.

ARTISANS see subdivision under Kashka-Dar'ya Province

ARTISTIC PHOTOGRAPHY see Photography, Artistic

ARTISTS
Creators of beauty. Prom.koop. 14 no.6:11-13 Je '60.

ARTISTS—CORRESPONDENCE, REMINISCENCES, ETC.
[Iamshchikova, M.V.] [Memorable encounters] Pamiatnye vstrechi. Moskva, Sovetskii pisatel', 1959. 410 p. [Publ. under her pseud. Al. Altaev]

ARYK-BALYK DISTRICT—LAKES
The [illegible] group of lakes in Kokchetav Province. A.G.[illegible]. Trudy Sekt.geog.AN Kazakh.SSR. no.5:[illegible]-118 '60.

ASBEST—CLUBS
People's university in Asbest. B.Povarovskii. Ogonek [illegible] no.2[illegible]:13 Jl '60.

ASBESTOS
Merkur'ev, N.D. [Prospecting for asbestos] Asbest i ego poiski. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1959. 20 p. (Biblioteka uchastnika geologicheskogo pokhoda)

ASBESTOS CEMENT
The all-Union state standard for corrugated standard shape asbestos cement roofing sheets and details. Biul.stroi.tekh. 17 no.6:14-16 Je '60.
Coloring filmlike layers of asbestos-cement sheet products. M.I. Naftulin and others. Stroi.mat. 6 no.5:21-25 My '60.
Experimental apartment houses in Kharkov with walls of asbestos-cement panels. V.[illegible], B.Shneider. Zhil.stroi. no.6:21-[illegible] Je '60.

ASCARIDS AND ASCARIASIS
Evidence of the specific independence of some ascarids parasitic in man and animals. A.A.Mozgovoi and others. Trudy Gel'm.lab. 10:153-165 '60.
Some phosphorus compounds in the pectoral muscle of chickens infected with ascarids; significance of metabolic products of Ascaridia galli (Schrank, 1788). N.V.Boldyreva. Trudy Gel'm.lab. 10:60-70 '60.
Structure of the cuticle in some ascarids. Iu.K.Bogoiavlenskii. Trudy Gel'm.lab. 10:58-67 '60.
Study of ascarids parasitic in small cattle. A.A.Mozgovoi, A.A.Shevtsov. Trudy Gel'm.lab. 10:149-152 '60.
Study of intraintestinal life stations of animals with parasitic worms. A.A.Mozgovoi, A.I.[illegible]. Trudy Gel'm.lab. 10:133-148 '60.

ASCOMYCETES
(see also subdivision under Chatyr-Dag, Crimea; [illegible])
Conidial stage of the fungus Endoxylina stellulata (Rom.) Rom. causing canker of the trunk in ash trees. E.A. Oganova. Bot.mat.Otd.spor.rast. 13:271-273 '60.
Morphological variability in some representatives of the genus Melanospora. N.P.Cherepanova. Bot.mat.Otd.spor.rast. 13:151-162 '60.
New species of the genus Chaetomium and their variability. K.? Sergeeva. Bot.mat.Otd.spor.rast. 13:167-175 '60.

ASCORBIC ACID
Ascorbic acid balance in children with bone and joint tuberculosis. V.I. [illegible]. [illegible] '60.
Change in the amount of ascorbic acid and its derivatives in the fruit of the dog rose and in products prepared from it. R.P.Sokolova, V.I. Romanova. Trudy VNIVI 6:164-172 '59.
Changes of vitamin C content in some types of vitaminized confectionery products during storage. N.M. [illegible]. Khleb.i kond.prom. 4 no.7:30-31 Jl '60.
Efficient method for the hydrolysis, esterification, and lactonization of diacetone-2-keto-L-gulonic acid into ascorbic acid. V.M.Berezovskii, L.I.Strel'chunas. Trudy VNIVI 6:5-8 '59.
[illegible] of the vitamin C condition of the organism. [illegible]. Biul. [illegible] '60.
[Ivanov, N.N.] [Vitamin C (ascorbic acid) and food enriched with vitamin C] O vitamine C (askorbinovoi kislote) i C-vitaminnoi pishche. Moskva, Gos.izd-vo med.lit-ry, 1960. 54 p.
Influence of substances related to vitamin P on the stability of ascorbic acid. R.P.Sokolova, A.I.Romanova. Trudy VNIVI 6:127-136 '59.
Influence of sulfurous anhydride on the preservation of ascorbic acid in the dog rose. R.P.Sokolova and others. Trudy VNIVI 6:161-164 '59.
Influence of vitamin C on the accumulation of iodine by the thyroid gland. V.Sh.[illegible]. Vrach.delo no.7:[illegible] Jl '60.
Preservation of vitamin C in honey following its vitaminization. V.V.Devatnin, N.P.[illegible], P.IA.Mel'nikova. Trudy VNIVI 6:241-[illegible] '59.
Preservation of vitamin C in the purified fruit of the dog rose. R.P.Sokolova and others. Trudy VNIVI 6 [illegible] '59.
Retaining loss in the recrystallization of ascorbic acid. L.G. [illegible] and others. Trudy VNIVI 6:62-64 '59.
Varying activity of the enzyme systems participating in the biosynthesis of ascorbic acid in plants. V.A. Devatnin. Trudy VNIVI 6:109-112 '59.
Vitaminization of confectionery products with ascorbic acid. V.A.Devatnin, A.G.[illegible], P.IA.Mel'nikova. Trudy VNIVI 6:242-244 '59.

ASH (TREE)
Effect of defoliation on the formation of annual rings in the red ash. V.A.[illegible], P.A.Khurshudian, R.M.[illegible]. Izv.AN Arm.SSR.Biol.nauki 13 no.1:95-[illegible] Ja '60.
Systematics of the genus Fraxinus L." by A.A.Abdurakhmanov. Reviewed by V.N.Vasil'ev. Bot.zhur. 45 no.7:1079-1080 Jl '60.

ASH (TREE)—DISEASES AND PESTS
Conidial stage of the fungus Endoxylina stellulata (Rom.) Rom. causing canker of the trunk in ash trees. E.A. Oganova. Bot.mat.Otd.spor.rast. 13:271-273 '60.

ASH DISPOSAL
Area of application and location of wet ash collectors designed by the All-Union Heat Engineering Institute. N.F.Dergachev. Energetik 8 no.6:16-17 Je '60.

ASHKHABAD—ART—EXHIBITIONS
Works of Turkmen artists. G.[illegible]. Iskusstvo [illegible] no.5:73-7[illegible] '60.

ASHKHABAD—THEATER
On the stages of Ashkhabad. Teatr 21 no.6:153 Je '60.

ASIA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov.sov.i inostr.lit.po stran.zarub. Vost. no.5 '60.

ASIA—CLIMATE
Vitvitskii, G.N. [Climates of non-Soviet Asia] Klimaty zarubezhnoi Azii. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 387 p.
[MICROFILM]

ASIA—ECONOMIC CONDITIONS
At a session of the U.N. Economic Commission for Asia and the Far East in Bangkok. A.Anan'ev. Sovr.Vost. no.7:22-23 Jl '60.

ASIA—FERNS
Some notes on ferns in the "Flora of the U.S.S.R." V.I. Grubov. Bot.mat.Gerb. 20:3-11 '60.

ASIA—GEOLOGY, STRUCTURAL
Principal historical and structural features of western Eurasia. V.E.Khain. Biul.MOIP.Otd.geol. 35 no.1:120-124 Ja-F '60.

ASIA—RELATIONS (GENERAL) WITH GERMANY, WEST
Academy of national treachery. S.Gorskii. Sovr.Vost. no.7:46-47 Jl '60.

ASIA—SCHUMERIA
Schumeria Iljin, a new genus of the composite family. M.M.Il'in. Bot.mat.Gerb. 20:363-368 '60.

ASIA, CENTRAL—SAUSSUREA
Two new species of the genus Saussurea DC. from Central Asia. S.Iu.Lipshits. Bot.mat.Gerb. 20:110-113 '60.

ASIA, CENTRAL—TEMPLES
Pre-Islamic religious structures in Central Asia. V.L. Voronina. Sov.arkheol. 4 no.[illegible]-56 '60.

ASIA, SOUTHEASTERN—FOREIGN RELATIONS—RUSSIA
Mission of peace and friendship. Sov.foto 20 no.5:11 My '60.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—HAWTHORN
New hawthorn species from the eastern part of the Mediterranean area. A.I.Poiarkova. Bot.mat.Gerb. 20:100-103 '60.

ASIATIC CHOLERA see Cholera, Asiatic

ASPARTIC ACID
Synthesis of aspartic acid and alanine by plague and pseudotuberculosis microbes. I.V.Domaradskii, L.V. [illegible]. Trk.gos.nauch.-issl.protivochum.inst. 20:97-101 '59.

ASPEN
Aspen pulp. G.A.Kalistratov. Bum.prom. 35 no.5:1[illegible]-14 My '60.

ASPERGILLUS
Effect of various doses of ultraviolet radiation on the production of variants of Asp. nidulans synthesizing active proteinase [with summary in English]. S.Z. [illegible]. Mikrobiologiia 29 no.3:358-362 My-Je '60.

ASPERGILLUS NIGER
Experimental variability of Aspergillus niger. Report No.2: Formation of citric acid by variants of Asp. niger obtained through ultraviolet irradiation [with summary in English]. A.A. Imshenetskii, L.I.Solntseva, N.F. Kuzmova. Mikrobiologiia 29 no.3:351-357 My-Je '60.
Respiration of a mutant of Aspergillus niger obtained by ultraviolet irradiation [with summary in English]. N.M. Verbina. Mikrobiologiia 29 no.3:363-370 My-Je '60.

ASPHALT
Waterproofing cold asphalt mastics. [illegible] 22 no.6:27 '60.

ASPHALT CONCRETE
Gezentsvei, L.B. [Asphalt concrete constructing for pavements] Dorozhnyi asfal'tovyi beton. Izd.3., dop.i perer. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 401 p.
Kil'mantov, R.F. [Using gas at asphalt-concrete plants] Gazifikatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 62 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)
Rapid selection of granulometric compositions of mineral mixes. V.P.Volod'ko. Avt.dor. 23 no.7:16-17 Jl '60.

ASPHYXIA

Use of indirect heart massage and artificial respiration in asphyxia in newborn animals [with summary in English]. O.P.Morozov. Fiziol.zhur.[Ukr.] 6 no.2 228-239 '60.

ASPHYXIA NEONATORUM

Laver, N.V. [Problems in the pathophysiology of hypoxic states in newborns] Pytannia patofiziologii hipoksychnykh staniv novonarodzhenykh. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 107 p.
(DNLM)

ASSEMBLY-LINE METHODS

Assembly line for the automatic welding of gondola car side walls P I Mazka Svar proizv no 6 26-27 Je '60

Assembly line for the manufacture of 60 m^3 welded tanks D P Antonets, A V Zhigula, R G Polotskii Svar proizv no 6 14-17 Je '60

Continuous production line for processing plywood (from "Lumberman," no.13, 1959). Der.prom. 9 no.7·31 Jl '60.

Experimental introduction of recirculating conveyers with high productivity A B Siniakov, B A Kusner Shvein prom no 3 32-36 My-Je '60

Mechanized assembly line for sand-slinger molding. A.S.Shuper, L.IA.Molekhin. Lit.proizv. no.7:14-16 Je '60.

Mechanized assembly lines for the manufacture of welded drawing-machine frames A.M Avrutin, B M Pestov, M IU Pustyl'nik Svar proizv no 6 18-22 Je '60

Planning assembly-line construction of industrial plants. O.B.Belostotskii, V.A.Golosov, V.I.Rybal'skii. Prom. stroi. 38 no.6 13-21 '60.

Practices in the operation of multiple-style assembly lines with a medium capacity N I Katsnel'son Shvein prom no 3 7-13 My-Je '60

Using flow-line methods at the Kuznetsovskii Housing Construction Combine. A.V.Kann, S.O.Kontorovich. Stroi.i arkhit.Len. 22 no.7:16-18 '60.

ASSOCIATION OF IDEAS

Psychological basis of the teaching methods. Report No.1· Formation and reinforcement of associations depending on the task set before the students. E.N. Kabanova-Meller. Dokl.APN no.4:35-40 '59.

ASSYRO-BABYLONIAN CIVILIZATION see Civilization, Assyro-Babylonian

ASTAF'EV, VIKTOR PETROVICH

"Mountain pass"; a tale by V.Astaf'ev. Reviewed by S.Larin. Oktiabr' 37 no.6 213-216 Je '60.

ASTHMA

External respiration in patients with bronchial asthma before and following treatment with neobenzinol. G.Kh. Lazidi Kaz.med.zhur. 40 no.5·73-74 S-O '59.

Functional changes involving the kidneys in bronchial asthma M M Korotaev Zdrav Belor 4 no 3 35 Mr '60

Il'inskii, P.I. [Bronchial asthma in children; monograph] Bronkhial'naia astma u detei, monografiia. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1959. 153 p.
(DNLM)

ASTIER DE LA VIGERIE, EMMANUEL D' 1900-

"Summer without end", a novel by Emmanuel d'Astier Reviewed by V. Ponomarev. Zvezda no 5 218 My '60

ASTIGMATISM

Acuteness of vision under reduced illumination in persons with astigmatism. M.A.Tikhilov. Voen.-med.zhur. no.6:83 Je '60

ASTRAKHAN—INSURANCE, SOCIAL—EMPLOYEES

Insurance workers gather knowledge F Abramov Okhr truda i sots strakh 3 no 3 49-50 Mr '60

ASTRONAUTICS

Age of the conquest of outer space. V.Ol'shanskii. Agitator no.14:55-56 Jl '60.

First space ship. V.Bazykin. Kryl.rod 11 no.6·9 Je '60

Law of the transformation of quantitative changes into qualitative. A.A.Shternfel'd. Vop.filos. 14 no.7: 111-112 '60.

Man on the threshold of outer space. G.IAstrebov. Voen.znan. 36 no.7:7-8 Jl '60.

On the threshold of space flights. Ukraina no 11 6-7 Je '60

Space vehicle. IU.A.Pobedonostsev. Vest.Vozd.Fl. no.7:8-12 Jl '60.

Travel around the earth's periphery. V.V.Parin. Sov. mor. 20 no.10:16-17 My '60.

ASTRONAUTICS—BIBLIOGRAPHY see Bibliography—Astronautics

ASTRONOMICAL INSTRUMENTS

Fast-response machine for measuring the brilliance and coordinates of stars from negatives [with summary in English]. Sh.H.Hordeladze, H.H.Liubchenko. Dop.AN URSR no.6:766-769 '60.

ASTRONOMICAL OBSERVATORIES see subdivision under Byurakan, Crimea; Ulan Bator

ASTRONOMICAL PHOTOGRAPHY

Instructions for determining the coordinates of artificial earth satellites from photographs obtained with the NAFA-3s/25-S cameras. A.A.Kiselev, B A.Firago, D E.Shchegolev Biul sta.opt.nabl.isk sput.Zem. no 3;1-35 '60.

Photography of diffuse nebulae in the infrared [with summary in English]. R.E.Gershberg, V.I Pronik, P.V Shcheglov. Izv Krym.astrofiz.obser 22:150-151 '60

ASTRONOMY

Komarov, V.N. [Marvelous phenomena in the sky] Chudesnye iavleniia na nebe. Moskva, Gos.izd-vo polit.lit-ry, 1960. 94 p.

Popularization of knowledge of astronomy. D.IA.Martynov Vest AN SSSR 30 no.7,97-98 Jl '60.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy; abstracts nos 5701-7160] Ref zhur. Astron.i geod no 7 Jl '60

ASTRONOMY—CONGRESSES

Third Congress of the All-Union Astronomic and Geodetic Society Geod i kart no 5 6-10 My '60

ASTRONOMY—HISTORY

[Astronomy in the U.S.S.R. during forty years 1917-1957, collected articles] Astronomiia v SSSR za sorok let, 1917-1957; sbornik statei. Red.kollegiia: A.A. Mikhailov i dr. Moskva, Gos.izd-vo fiziko-matem. lit-ry, 1960. 728 p.

ASTROPHYSICS

Investigating interstellar light absorption in a region with the center l = 343°, b = 0° [with summary in English] I.I Pronik. Izv.Krym.astrofiz obser. 22 152-165 '60.

The way into the cosmos. D.Bal'termants, V.Beletskaia. Ogonek 38 no.32 8-9 Ag '60.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATA-SU VALLEY—GEOLOGY, STRATIGRAPHIC

Devonian stratigraphy of the upper Ata-Su Valley(central Kazakhstan). I.B.Filippova, M.N.Shcherbakova. Izv. vys.ucheb.zav.; geol.i razv. 3 no.1:37-52 Ja '60.

ATASU REGION (KAZAKHSTAN)—PHOSPHORITES

Phosphorites of the Atasu region in central Kazakhstan L I Borovikov. Razved i okh nedr 26 no 5:11-13 My '60

ATATURK, KAMAL, 1881-1938

Recollecting my meetings with Ataturk S Aralov Ogonek 38 no 24 26-27 Je '60

ATHEISM

(see also subdivision under Chernovtsy, Lvov Province; Ternopol Province, Ukraine)

The "epistle" of Paul (who wasn't an apostle). Kost' Bahrianyi. Nauka i zhyttia 10 no.7·51-54 Jl '60.

I P Pavlov's attitude in respect to religion A D.Sukhov Biol v shkole no.4 71-76 Jl-Ag '60

The most important events in the life of churches and religious groups in the U S S R N T. Mat.i soob Issl otd Inst.po izuch SSSR no 12/13 91-96 F-Mr '60.

The most important events in the life of churches and religious groups in the U S.S R N T Mat i soob Issl otd.Inst po izuch SSSR no.14:57-61 Ap '60.

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat.i soob. Issl.otd.Inst.po izuch.SSSR no.17 54-58 Jl '60.

A room for atheists. H.Vatchenko. Sots.kul't. 13 no.6:16 Je '60.

A Study group of atheists. G.Usatenko. Agitator no.10: 56 My '60.

Truth about the Vatican ("Papacy" by M M.Sheinman Reviewed by V Boiarskii) Nauka i zhizn' 27 no 5 72-73 My '60

What is atheism? N.Riazantsev. Otv.na vop.trud. no.112·55-64 '60.

Words that conquer darkness. P.Sumarev. Polit. samoobr. 4 no.7:112-117 Jl '60.

ATHEISM—STUDY AND TEACHING

Aid for the lecturer ("Fundamentals of scientific atheism" by IU M Tugov Reviewed by S.Magidson) Nauka i zhizn' 27 no 5 73 My '60

Atheistic education of students in nature study clubs. A M.Netyl'ko Sov pedag. 24 no.5 40-44 My '60.

El'manovich, S.S. [Scientific and atheistic training in physics lessons] Nauchno-ateisticheskoe vospitanie na urokakh fiziki. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR, 1959. 101 p.

Find the approach to every reader. M.Chupilina. Bibliotekar' no.7:45 Jl '60.

ATHLETIC CLUBS

Verkholashin, V.K. ["Dinamo" Club members] Dinamovtsy. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 237 p.

ATLANTIC OCEAN—CARBON

Concentration of organic carbon in waters of the northeastern part of the Atlantic Ocean. B.A Skopintsev, S.N.Timofeeva. Dokl.AN SSSR 133 no.3,677-679 Jl '60.

ATLANTIC OCEAN—OCEAN BOTTOM

On the floor of the Romanche furrow A.N.Kosarev. Priroda 49 no 7·106-107 Jl '60

ATLANTIC OCEAN—PHYTOPLANKTON

Results of the determination of primary production in the Atlantic Ocean. I.B.Klinshtorin. Dokl.AN SSSR 133 no.4:951-953 Ag '60.

ATLASES

"Atlas of the world " Reviewed by A.N.Larionova. Izv. AN SSSR Ser.geog no 4 132-133 Jl-Ag '60

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Atlas of foreign countries for secondary schools; a course in economic geography] Atlas zarubezhnykh stran dlia srednei shkoly; kurs ekonomicheskoi geografii. Moskva, 1959. 40 p.
(DS)

ATMOSPHERE

Distribution of radioactive emanation in the lower atmospheric layer. L.S.Gandin, R.E.Soloveichik. Izv.AN SSSR.Ser.geofiz. no.7·1077-1081 Jl '60.

Possible cause of changes in solar-atmospheric relationships L.A.Vitel's Meteor i gidrol. no 7 9-13 Jl '60

Principal types of motions of a baroclinic atmosphere in the field of the Coriolis force, abstract. A.S Monin, A.M.Obukhov. Nek probl.meteor. no.1;27 '60.

Scientific conference on problems of the general circulation of atmosphere K V Kuvshinova Izv AN SSSR. Ser geog no.4 142-146 Jl-Ag '60.

ATMOSPHERE, UPPER

At the "edge" of the air ocean. N.Stepanov. Nauka i zhizn' 27 no.7:66-69 Jl '60.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

A ship assaults the sky. A.Golikov, Dm.Bal'termants. Ogonek 38 no.26 4-7 Je '60.

ATMOSPHERIC ELECTRICITY

We are living in the atmosphere of the sun. Jacques Breiz. V zashch mira no 7:68-73 Je '60

ATMOSPHERIC PRESSURE—PHYSIOLOGICAL EFFECT

Reaction of the peripheral nervous system of the skin to a localized increase in atmospheric pressure [with summary in English]. A.K.Kolomiitsev. Dop.AN URSR no.4:523-526 '60.

ATMOSPHERIC TEMPERATURE

Considering air temperature in high altitude flights. V.A. Kormashov, V.I.Zinovich. Vest.Vozd.Fl. no.6:46-50 Je '60.

ATMOSPHERIC TRANSPARENCY

Transparency of a horizontal atmospheric layer in the region from 0.7 —14μ. Part 2. Dependency of the integral transmission of the atmosphere in the region from 0.7 - 14μ on the thickness of the precipitable water. B.A.Antipov and others. Izv.vys.ucheb.zav.; fiz. no.3,72-75 '60.

ATMOSPHERIC TURBULENCE

Determination of the coefficients of vertical intermixing of particles in free atmosphere. A.G.Laktionov. Dokl. AN SSSR 133 no.4:838-840 Ag '60.

Role of turbulence in the transport of atmospheric eddies. L.IU.Ryzhakov. Probl.Arkt.i Antarkt. no.1· 25-31 '59.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY—CONGRESSES

Atom at the service of peace. Nauka i zhizn' 27 no 5 23 My '60

ATOMIC ENERGY—EXHIBITIONS

"Atoms for peace" pavilion at the Industrial Exhibition of the U S S.R. in Iraq. A M Panchenko, G.B Fedorov Atom energ. 9 no 1·63-64 Jl '60.

ATOMIC ENERGY RESEARCH see subdivision under Ukraine

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER PLANTS

Start-up conditions for an electric power station possessing a uranium-graphite reactor with internal superheating of steam V.V Dolgov and others. Atom.energ 9 no.1·10-15 Jl '60.

ATOMIC SHIPS

They can break straight through to the Pole. Ogonek 38 no.30:10-11 Jl '60.

ATOMIC WARFARE

Prokopov, G.L. [Technological progress and the problem of preserving the peace] Tekhnicheskii progress i problema sokhraneniia mira. Moskva, Izd-vo In-ta mezhdunar.otnoshenii, 1960. 58 p.

ATOMIC WEAPONS

(see also subdivision under Sweden, United States)

[illegible] warning ("Pugwash means peace" by V.M. [illegible], V. Pavlichenko. Reviewed by A. [illegible]). Nauka i zhizn' 27 no.7:[illegible] Jl '60.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

Artificial deadlock. N. Arkad'ev. Mezhdunar. zhizn' 7 no.8:88-90 Ag '60.

[illegible] of the American National Committee for a Sane Nuclear Policy. V zashch.mira no.5:35-38 My '60.

ATOMIC WEAPONS—TESTING

Cessation of atomic weapons testing. Mir nauki no.3:3-6 '59.

ATOMIC WEAPONS AND DISARMAMENT

[illegible], V.M., and V.P. Pavlichenko. [Pugwash means peace, the international movement of scientists for the prevention of atomic war] Pagouosh — eto mir; mezhdunarodnoe dvizhenie uchenykh za predotvrashchenie atomnoi voiny. Moskva, Izd-vo Akad.nauk SSSR, 1960. 88 p. (Nauchno-populiarnaia seriia)

ATOMS

[illegible] and chemical problems in the theory of electronegativities. S.S. Batsanov. Izv.Sib.otd.AN SSSR no.1:[illegible] '60.

[illegible] atomic model with quantum and exchange [illegible] [with summary in English]. N.N. Kalitkin. Zhur.eksp.i teor.fiz. 38 no.5:1534-1540 My '60.

ATTENTION

[illegible] attention in pilots. A.I. [illegible]. Vest.Vozd.Flota no.6:51-55 Je '60.

[illegible] in the concentration of attention and [illegible] [with summary in English]. [illegible] Iaroslavskaia. Vop.psikhol. 6 no.2:[illegible] Ap '60.

ATTENUATORS (ELECTRONICS)

Nomograms for calculating T and π type attenuators. N.F. [illegible]. Avtom.,telem.i sviaz' 4 no.7:25-27 Jl '60.

ATTITUDE (PSYCHOLOGY)

[illegible], I.T. [Perception and attitude] Vospriiatie i ustanovka. Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR, 1959. 304 p. [In Georgian]

[illegible]

[illegible]

[illegible] see subdivision under Leningrad

AUREOMYCIN

[illegible] experimental [illegible] infection [illegible]

[illegible] determining of [illegible] (biomycin) in [illegible] G.M. Fedorova. [illegible] 80 '59.

Treatment of acute dysentery with small doses of biomycin. A. [illegible]. Vrach.delo no.7:[illegible] Jl '60.

Use of [illegible] for storage of frozen fish fillets. T.N. [illegible]. Trudy [illegible] no.[illegible] '59.

AURORAS

[illegible] the parameters of radio wave reflections with [illegible] field during auroral displays. [illegible] Izv.AN SSSR.Ser.geofiz. no.[illegible] '60.

AURORAS—SPECTRA

Preliminary results of auroral observations at the South Geographic Pole. V.S. Ignatiev. Inform.biul.Sov.antark.eksp. no.16:24-27 '60.

AUSTENITE

[illegible] formation in rapid heating [with summary in English]. V.N. [illegible], IU.IA. [illegible]. [illegible] '60.

Investigating the state of the crystal lattice and the dis- [illegible] density in austenite and ferrite in the course of phase transformations. L.I. Mirkin, IA.S. Umanskii. Izv.vys.ucheb.zav.; fiz. no.3:212-217 '60.

Ordering of the second kind in austenite taking place with the [illegible] phase transformation. L.[illegible] Kaletnik, L.A. [illegible]. Dokl.AN SSSR 133 no.4:831-834 Ag '60.

AUSTRALIA—COMMERCE—RUSSIA

Australia's [illegible] I. Fedorov. Nov.vrem. 18 no.29:12-13 Jl '60.

AUSTRALIA—KINSHIP

Australian and Melanesian kinship systems of the Turanian Ganowanian type and their dependence upon the division of community into groups. IU.M. Likhtenberg. Trudy Inst.etn. 54:215-240 '60.

Origin of special features in kinship classification systems of the Turanian-Ganowanian type. IU.M. Likhtenberg. Trudy Inst.etn. 54:196-214 '60.

AUSTRALIA—MUSIC

On the fifth continent. Tat'iana Nikolaeva. Sov.muz. 24 no.6:177-180 Je '60.

AUSTRALIA—NATIVE RACES

A study devoted to Australian aborigines ("Australia's aborigines, their life and culture" [in English] by F.D. McCarthy. Reviewed by V.R. Kabo). Vest.ist.mir.kul't. no.2:134-137 Mr-Ap '60.

AUSTRALIA—PETROLEUM INDUSTRY

Australia and its petroleum. I. Fedorov. Nov.vrem. 18 no.29:12-13 Jl '60.

AUSTRALIA—RELATIONS (GENERAL) WITH RUSSIA

Distance is not an obstacle to friendship. V. Gromeko. Kul't.i zhizn' 4 no.7:41-42 '60.

Growing number of our friends. V. Shakhovskoi. Sov.foto 20 no.2:45 F '60.

AUSTRALIAN LITERATURE—HISTORY AND CRITICISM

The paths of Australian literature. B. Melov. Vop.lit. 4 no.7:164-166 Jl '60.

Socialist realism and the traditions of Australian literature. Judah Waten. Inostr.lit. no.7:195-198 Jl '60.

AUSTRIA—DESCRIPTION AND TRAVEL

Austria, June 1960. Boris Ivanov. Ogonek 38 no.25:1-3 Je '60.

AUSTRIA—ECONOMIC CONDITIONS

Bal'kovskii, O.V. [Austria; characteristics of its economic geography] Avstriia; ekonomiko-geograficheskaia kharakteristika. Moskva, Gos.izd-vo geogr. lit-ry, 1959. 206 p.

AUSTRIA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Meeting of N.S. Khrushchev with business representatives of Austria. Vnesh.torg. 30 no.7:insert 1-4 '60.

AUSTRIA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Words and deeds. Nov.vrem. 18 no.31:22 Jl '60.

AUSTRIA—FOREIGN RELATIONS—RUSSIA

Austria applauds a friend. Andrei Novikov. Ogonek 38 no.28:3-4 Jl '60.

Austria greets Khrushchev. L. Bezymenskii. Nov.vrem. 18 no.28:4-6 Jl '60.

The Austrian visit in review. N. Bezymenskii. Nov.vrem. 18 no.29:4-6 Jl '60.

[The Chairman of the Council of Ministers of the U.S.S.R. N.S. Khrushchev's visit to the Austrian Republic, June 30 to July 8, 1960] Druzhestvennyi vizit; prebyvanie predsedatelia Soveta Ministrov SSSR N.S. Khrushcheva v Avstriiskoi Respublike, 30 iiunia-8 iiulia 1960 g. Moskva, Gos.izd-vo polit.lit-ry, 1960. 310 p.

A convincing example of peaceful coexistence. I. Vi[illegible]. Mezhdunar.zhizn' 7 no.8:19-20 Ag '60.

Friendship met him at every step. Andrei Novikov. Ogonek 38 no.29:1-4 Jl '60.

Important contribution to the cause of peace. M. Kur'ianov. Agitator no.14:12-14 Jl '60.

We are satisfied. Nov.vrem. 18 no.29:3-4 Jl '60.

Welcome to Austria! Oskar Wiesflecker. Ogonek 38 no.24:8 Je '60.

AUSTRIA—GOVERNMENT OWNERSHIP

Ardaev, O.D. [Nationalization in Austria] Natsionalizatsiia v Avstrii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 302 p.

AUSTRIA—HISTORY

Austria greets Khrushchev. L. Bezymenskii. Nov.vrem. 18 no.28:4-6 Jl '60.

AUSTRIA—PETROLEUM INDUSTRY

Words and deeds. Nov.vrem. 18 no.31:22 Jl '60.

AUSTRIA—RAILROADS—EQUIPMENT AND SUPPLIES

Hydraulic ballast tamper. N.N. Gulenko. Put' i put.khoz. 4 no.8:47 Ag '60.

AUSTRIA—RELATIONS (GENERAL) WITH RUSSIA

The fifteenth anniversary of the Austro-Soviet Society. Hugo Glaser. Kul't.i zhizn' 4 no.6:33-35 '60.

AUSTRIA—SOCIALIST PARTIES

Critical evaluation of the current reformist theories of the state and law. V.P. Radi'kov. Uch.zap.Kaf.gos. prava IMO no.1:28-35 '60.

AUSTRIA—WATER—FLUORIDATION

From the pages of foreign journals. Zhil.-kom.khoz. 10 no.6:34 '60.

AUTHORS

Born of the revolution ("Soviet writers. Autobiographies in two volumes." Reviewed by L. Lazarev). Znamia 30 no.7:201-209 Jl '60.

Brief notes on authors. Inostr.lit. no.8:287-288 Ag '60.

Briefly on authors. Inostr.lit. no.7:287-288 Jl '60.

AUTHORS—CONGRESSES

Playwriting and the course of our lives (at the Board of Directors plenum of the Writers' Union of the U.S.S.R.). Teatr 21 no.7:37-46 Jl '60.

AUTHORS, RUSSIAN—CONGRESSES

Vsesoiuznyi s"ezd pisatelei. 3d, Moscow, 1959. [Third Congress of Writers of the U.S.S.R., verbatim report] Stenograficheskii otchet. Moskva, Sovetskii pisatel', 1959. 268 p.

AUTHORS, UKRAINIAN

Our writers. Ukraina no.14:17 Jl '60.

AUTHORS AND PUBLISHERS

New law on payment for literary works. L. Azov. Sov. iust. no.6:11-12 Jl '60.

AUTHORS AND READERS see subdivision under Ukraine

AUTOBIOGRAPHIC FICTION see Fiction, Autobiographic

AUTOCLAVES

Simplest design of a steam-producing unit. IA. Kamunitskii. Sil'.bud. 10 no.5:22 My '60.

AUTOMATIC CONTROL

Achieving optimum processes in some relay control systems. B.S. Voronov. Trudy MAI no.113:30-40 '59.

Address of the president of the International Federation of Automatic Control. A. Letov. Avtom.i telem. 21 no.6:659-660 Je '60.

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [Automatic control] Avtomaticheskoe upravlenie. [Moskva, 1960] 431 p.

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [Handbook on automatic and remote control elements, time relays, programming devices, counting relays, and searchers] Spravochnik po elementam avtomatiki i telemekhaniki, rele vremeni, programmnye ustroistva, rele scheta, iskateli. Sost. I.E. Dekabrun i N.R. Fedor. Pod red. B.S. Sotskova. Moskva, Gos.energ.izd-vo, 1960. 130 p.

Analytic approximation method for calculating transient processes in some nonlinear automatic control systems. N.I. Sokolov. Trudy MAI no.113:27-38 '59.

Analytic design of controllers. Part 2 [with summary in English]. A.M. Letov. Avtom.i telem. 21 no.5:561-568 My '60.

Analyzing diagrams of automatically controlled turbodrilling; comments on A.A. Minin's article published in "Neftianoe khoziaistvo" no.10, 1959. M.G. Eskin. Neft.khoz. 38 no.3:23-27 Mr '60.

Application of electrothermal isodromic devices in cross-coordinated control of industrial processes. G.M. Fialko. Avtom.i telem. 21 no.6:812-820 Je '60.

Application of Liapunov's method to the stability of delay systems [with summary in English]. B.S. Razumikhin. Avtom.i telem. 21 no.6:740-748 Je '60.

Approximate semigraphical method of determining amplitude-phase characteristics from transient functions. N.I. Sokolov. Trudy MAI no.113:66-72 '59.

Artiushov, V.P. [Experience in automatic gas cutting] Opyt avtomaticheskoi gazovoi rezki. Leningrad, Gos. soiuznoe izd-vo sudostroit.promyshl., 1960. 62 p.

Atsiukovskii, V.A. [Capacitative differential displacement transmitters] Emkostnye differentsial'nye datchiki peremeshcheniia. Moskva, Gos.energ.izd-vo, 1960. 100 p. (Biblioteka po avtomatike, no.12)

Automatic adjustment of motor grader operations. B.I. Mikhailov, N.A. Ul'ianov. Stroi.i dor.mashinostr. 5 no.7:6-7 Jl '60.

Automatic and centralized control at a copper mine [with summary in English]. V.V. Kriuchkov. Avtom.i telem. 21 no.6:867-870 Je '60.

[Automatic control and computer engineering] Avtomaticheskoe upravlenie i vychislitel'naia tekhnika. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. No.3. 1960. 489 p.

Automatic control and regulation of the pH in the production of urea-formaldehyde resins. N.IA. Parlashkevich and others. Plast.massy no.5:56-59 '60.

Automatic control of a papermaking machine and methods for making the operation fully automatic [with summary in English]. A.S. Shamson. Avtom.i telem. 21 no.6:857-866 Je '60.

Automatic control of a steel strip surface finish. V.A. Dolgalev and others. Stal' 20 no.8:735-736 Ag '60.

Automatic control of a turbine drilling process using self-regulating systems [with summary in English]. M.G. Eskin. Avtom.i telem. 21 no.6:791-805 Je '60.

Automatic control of boilers with ball barrel mills without an intermediate dust bin. T.P. Zamora and others. Elek.sta. 31 no.4:16-19 Ap '60.

Automatic control of drying systems for drying match boxes and sticks. A.K. Gashkova, S.M. Smirnov. Der.prom. 9 no.5:3-5 My '60.

AUTOMATIC CONTROL (Continued)

Automatic control of electric propulsion systems. S.B. Rukavishnikov Trudy NTO sud prom 8 no 5 57-60 '59.

Automatic control of gas wells [with summary in English] P P Bodnaruk Avtomatyka no 2 62-72 '60

Automatic control of radio transmitters. S.E. Gorodetskii. Vest. zviazi 20 no. 6·6-8 Je '60.

Automatic control of the catalyst circulation system in a catalyst cracking unit. A.F. Anisimov, A.G. Samarskii, IU.A. Alekseev. Khim. i tekh. topl. i masel 5 no. 6 1-6 Je '60.

Automatic control of the composition of the nitrogen and hydrogen mixture in the ammonia synthesis section P M. Mikhaev, I P. Gordienko. Prom. energ 15 no 5. 24 My '60

Automatic control of the condensate-pumping station. A.M. Veitkin. Gidroliz. i lesokhim. prom. 13 no. 4,29-30 '60.

Automatic control of the process of alkaline absorption of nitrogen oxides in the production of weak nitric acid. IA.I. Tur'ian, N.S. Anikina. Khim. prom no. 1 59-61 Ja-F '60.

Automatic control of the synthesis of ammonia with precatalysis. A.V. Korchinskii. Priborostroenie no 7 1-5 Jl '60.

Automatic control system for brakes of multiple-unit train sections. E.G. Zhukovskii. Trudy MIIT no. 128· 92-100 '60.

Automatic control systems using photoelectric elements for control of lighting M.S Dadiomov Svetotekhnika 6 no 6 7-12 Je '60

Automatic electronic relay optimizer for ten channels [with summary in English]. A.D. Shubin. Avtom. i telem. 21 no. 5 624-632 My '60.

Automatic industrial electric trucks. Znan sila 35 no 7,50 Jl '60

Automatic line for cleaning and washing wheel pairs. A.N. Sakharov, B.G Pogorelyi. Zhel. dor transp. 42 no. 7· 78-81 Jl '60.

Automatic machines furrow the steppe. I. Loginov. Izobr. i rats no. 8 42-49 Ag '60.

Automatic maintenance of a d.c. generator voltage by means of a saturation choke K.I Kraimi, V T. Poliakov, B.V Trubachev Prom energ 15 no. 5 23-25 My '60.

Automatic measurement of the flow of weak nitric acid and conversion to composition by weight V A Kolpakov, S F Matveev Khim prom 2 148-151 Mr '60

Automatic regulation of the drawing process. S.S. Kovner. Tekst. prom 20 no. 7·26-29 Jl '60.

Automatic regulation of the position of the line separating the liquids in by-product coking assemblies. A.A. Novikov, TS P. Krivoi. Koks i khim. no. 5:46-48 '60.

Automatic switching-out of purifying filters for rinsing. I.D Zak, V.A Kochmarev Elek. sta. 31 no 4·77-78 Ap '60.

Automatic water heating system for mine shower baths IU S Zhdanov, S T Sergeev Ugol' Ukr 4 no 6 31 Je '60

Automating thermal and technological processes in the ceramic industry. B.E. Katsov Stek i ker. 17 no. 7· 12-17 Jl '60

Automation of electrochemical production processes. V.V. Stender. Vest. AN Kazakh. SSR 16 no. 6·3-7 Je '60.

Automation of machining on universal vertical drilling and milling machines N.P. Kosov Vest. mash. 10 no. 7:66-69 Jl '60

Automatization of the control of pulp consumption in the flotation shop of a coal cleaning plant. A.G. Livintsev. Koks i khim. no. 7:11-15 '60.

Automatization of the flotation division at the Yasinovka By-Product Coking Plant by means of radioactive density meters. A.Z. Kulishenko. Koks i khim. no. 5:17-19 '60.

Automatization of the production must be introduced at a faster rate. E.IA. Balmasov Bum. prom. 35 no. 6 4-6 Je '60.

Calculation of transient processes in an amplydine-controlled generator-motor system S V Sergeev Trudy Ural politekh inst. no 79 134-159 '59

Checkrowing with an automatic electronic device. L.M. Shvartsman, O S. Kobiakov, IU P. Kostin. Izv. AN Uz. SSR. Ser. tekh. nauk no 3:68-70 '60

Complete mechanization and automatization of main production processes at the Leningrad Liqueur and Vodka Plant S S Azrielovich. Spirt prom 26 no 5 18 '60.

Complex automatization of the fabrication of refractory powders and their transportation. N.V. Arslutkin, N.A Zhurov. Prom. energ. 15 no. 5:22-23 My '60.

Complete automatization of the sulfate plant. L.A. Tumarkin. Koks i khim. no. 6 42-44 '60.

Construction of Liapunov's functions for relay control systems. IU.I. Alimov. Avtom. i telem. 21 no. 6· 720-728 Je '60.

Control of a neutral object by an astatic control unit with nonlinear compensation. S.V. Emel'ianov. Trudy MAI no. 112 50-65 '59.

Converter of binary code into voltage. N.S. Anishin. Izv vys. ucheb. zav.; elektromekh. 3 no. 2·165-167 '60.

Decision of the Presidium of the Academy of Sciences of the U.S.S.R. Avtom. i telem. 21 no. 5:655-656 My '60.

Design of a typical time relay for automatic control of technological processes IU. P Poruchikov, G L Khazan Vest elektroprom 31 no 6 63 Je '60

Determination of dynamic characteristics and criteria of inertiability and controllability of chemical engineering apparatus [with summary in English]. B.N. Deviatov. Avtom i telem. 21 no. 6·779-790 Je '60.

Determination of parameters of periodic operations in nonlinear systems with a single partially linear nonlinearity. G.D. Kokorev Trudy MAI no. 112 18-26 '59.

Determination of the economic effectiveness of the introduction of new techniques, and of the mechanization and automatization of production processes. N.V. Vinogradov. Sakh prom 34 no. 6;49-53 Je '60.

Development of automatic control equipment for boiler systems [with summary in English]. V.D. Mironov. Avtom. i telem 21 no 6:833-839 Je '60.

Digital program control system for a milling machine with a step-wise power motor M V Koval's'kii and others Avtomatyka no 2 81-83 '60

Dobrynin, E.M. [Instruments for automatic control of dimensions in the manufacture of machinery] Pribory avtomaticheskogo kontrolia razmerov v mashinostroenii Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 302 p.

Dynamic characteristics of industrial plants designated for automation. A.P. Kopelovich. Priborostroenie no 7,5-8 Jl '60

Dynamic precision of linear combined automatic-control systems. S.A. Babushkin. Uch. zap. LGU no. 280,3-14 '60.

Dynamics of continuous optimalizing control systems with random search signals. A.A. Krasovskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3;37-45 My-Je '60

Economical regulation of direct current electrical propulsion systems. G.A. Meleshkin. Trudy NTO sud. prom. 8 no. 5 61-72 '59

Effect of random interferences on the steady-state operation of an extremum step system and an object with parabolic characteristics [with summary in English]. T.I. Tovstucha. Avtom. i telem. 21 no. 5:575-584 My '60.

Effect of random processes on discontinuous control systems [with summary in English]. G.I. Platnitskii. Avtom. i telem. 21 no. 5 585-594 My '60.

Effect of some nonlinearities on the adjustment of an air blower B A. Moriakin. Energomashinostroenie 6 no 7;22-25 Jl '60.

Electric control of a hydromechanical transmission system. M.G. Zhuchkov, I.F. Pushkarev, V.G. El'berg. Elek i tepl. tiaga 4 no. 5·30-31 My '60.

Electric power supply, electrical equipment, and automatic control IU M Galonen Mekh stroi 17 no 5 30-31 My '60

Elements for automatically controlling the tracking of a solar heat-power station. IA.T. Shermazanian, R.R. Aparisi. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no. 1· 57-70 '60.

Extremal regulation systems of resistance butt welding machines for methods with continuous flashing. A.D. Lovlia. Avtom. svar. 13 no. 7:58-64 Jl '60.

Extreme control of inert and unstable objects. V.V. Kazakevich. Dokl. AN SSSR 133 no. 4·756-759 Ag '60.

Faultless functioning of apparatuses B.M Shcharanskii. Ugol' Ukr 4 no 6 43-44 Je '60

First Lenin prize for work on the theory of automatic control. Avtom. i telem. 21 no. 5:III-V My '60.

From conventional machine tools to tools with program control. G. Kozlov Znan. sila 35 no 7;7-8 Jl '60.

From experience in the automatization of auxiliary services. I.I. Pavlenko, V.N. Naumov. Prom. energ. 15 no. 5;37-38 My '60.

Fully automatic gas-fed open-hearth furnace [with summary in English]. M.M. Gordon. Avtom. i telem. 21 no. 6 849-856 Je '60.

Goncharenko, M.N. [Cybernetics in military science] Kibernetika v voennom dele. Moskva, Izd-vo DOSAAF 1960. 174 p.

Indirect control systems with several essential nonlinearities. R.A. Nelepin. Avtom. i telem. 21 no. 6· 692-705 Je '60.

Introduce technical improvements in water-supply and sewer systems of Moscow. G.S. Gorin. Gor. khoz Mosk. 34 no 7·32-35 Jl '60.

Introducing automatic control for the stabilization of hydrolysis processes. I.I. Korol'kov and others. Gidroliz. i lesokhim. prom. 13 no. 4:11-14 '60.

Introducing automatic control of gas flame brazing of tubular joints. I A Antonov, G.A. Asinovskaia. Trudy VNIIAvtogen no 7 104-122 '60.

Introducing automatic control of water pumping stations for the drainage of mining areas and open pits IA. I Rudnichskii, B A Snubin Shakht. stroi 4 no 7·14-17 Jl '60

Investigating the stability of automatic control systems for coal mining machinery with projected feeder parts. N.G Popovich. Izv vys. ucheb zav; gor. zhur. no. 7; 87-92 '60.

Investigation of the probability of stability using automatic control of the flight path of an airplane as an example. V.S. Novoselov. Avtom. i telem. 21 no. 6;666-673 Je '60.

Katys, G.P. [Automation control of nonstationary fields] Nekotorye voprosy avtomaticheskogo kontrolia nestatsionarnykh polei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 222 p.

Konferentsiia po voprosam teorii i primeneniia diskretnykh avtomaticheskikh sistem. Moscow, 1958. [Theory and application of discrete automatic control systems] Teoriia i primenenie diskretnykh avtomaticheskikh sistem; trudy konferentsii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 572 p.

Lossievskii, V.L., and L.G. Pliskin. [Automatic control of continuous industrial processes] Voprosy avtomatizatsii nepreryvnykh proizvodstvennykh protsessov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 111 p.

Machine-tool attachments and the automatic control of machining operations M Abakumov Prof.-tekh obr. 17 no. 5·16-19 My '60.

Mechanization and automation of welding at the enterprises of the Ministry of Construction for the Transportation Industry. S.E. Rovkakh, V.N. Troepol'skii. Transp. stroi. 10 no. 7 23-26 Jl '60.

Mechanization and automation in the municipal electric transportation system N.A. Papkov Gor. khoz. Mosk. 34 no. 7·11-14 Jl '60.

Mechanization and automatization of coal mining. A.G. Tuzinskii, O.A. Lebedev. Ugol' 35 no. 5;5-9 My '60.

Mechanization and automatization of coal mining. F.K. Alekhin. Ugol' 35 no. 7·15-18 Jl '60.

Mechanization and automatization of haulage and car exchange operations in mine surface buildings. I A Prusakov Ugol' 35 no. 6 37-38 Je '60

Mechanization and automatization of the cleaning of CTC controlled switches in stations. S.P. Buzanov. Zhel. dor. transp. 42 no. 7·54-58 Jl '60.

Method for deriving transfer functions for a.c. powered automatic control systems [with summary in English]. N.P. Vlasov. Avtom. i telem. 21 no. 6:772-778 Je '60.

Methods of increasing the reliability and speed of the control response of steam turbines [with summary in English]. V.N. Veller. Avtom. i telem. 21 no. 6· 840-848 Je '60.

Motion stability at a finite time interval. A.A. Lebedev. Trudy MAI no. 112·106-113 '59.

New electromagnetic actuating units for automatic control systems [with summary in English]. A.M. Bamdas and others. Avtom. i telem. 21 no. 6·907-917 Je '60.

New general purpose measuring device and methods of measuring the operational control of metal cutting machines. G.L. Perfil'ev. Avtom. i telem. 21 no. 6: 884-891 Je '60.

New method of arriving at simplified criteria of absolute stability [with summary in English]. IU.I Alimov. Inzh -fiz. zhur no. 6,35-41 Je '60

Obstacles that should be eliminated. M. Bashkov. Mast. ugl. 9 no. 7·19-20 Jl '60.

On the road of technical progress. Mast. ugl. 9 no. 7· 8a-8b Jl '60.

On the theory of oscillations of quasi-linear systems with a constant time delay [with summary in English]. A.N. Shimanov. Avtom. i telem. 21 no. 6:706-709 Je '60.

Operational and technical conditions for the automation of train movement control in stations. D.P. Borisov. Zhel. dor. transp. 42 no. 6·21-24 Je '60.

Optimum control of systems with distributed parameters [with summary in English]. A.G. Butkovskii, A.IA. Lerner. Avtom. i telem. 21 no. 6·682-691 Je '60.

Optimum process in a second-order pulse relay system [with summary in English]. V.N. Novosel'tsev. Avtom. i telem. 21 no. 5:569-574 My '60.

Over-all mechanization and automatization of assembling and welding operations. P I Sevbo Svar proizv no 6 1-6 Je '60

Power aspect in evaluating the stability of nonlinear electromechanical systems. M V Beliaev. Trudy Ural politekh inst. no 79 160-172 '59

Principles for complete automation and remote control in petroleum production enterprises. A.V. Smetnikov, R.IA. Isakovich, A.G. Mamikonov. Neft. khoz. 38 no. 6·1-6 Je '60.

Principles of the synthesis of automatic systems with many regulated parameters [with summary in English]. P.I. Chinaev. Avtom. i telem. 21 no. 6·761-771 Je '60.

Problem of the synthesis of nonlinear regulating devices of automatic control systems. N.N. Miasnikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3;78-83 My-Je '60.

Problems in the theory of automatic dosers. L.I. Makarov. Izv. vys. ucheb. zav., mashinostr. no. 5,11-25 '60.

Programmed and cybernetic systems for the control of welding processes. B.E. Paton. Avtom. svar. 13 no. 7· 3-11 Jl '60.

Put an end to lagging in fire extinction. I. Bol'shova. Pozh. delo 6 no. 7:26-27 Jl '60.

Quality control of some processes in the chemical industries. V.V. Aronovich and others. Avtom. i telem. 21 no. 6:821-832 Je '60.

Questions on coordinated control systems [with summary in English]. E.M. Stuzlumova. Avtom. i telem. 21 no. 6:749-760 Je '60.

Safety control panel. M. Azarkh, V. Sidorov. Nauka i zhizn' 27 no. 7;67 Jl '60.

AUTOMATIC CONTROL (Continued)

Semiautomatic crossing gate. A.N.Dmitriev. Put' i put.khoz. 4 no.6:24-25 Je '60.

Semiautomatic molding on a moving conveyer. V.N. Nefedov. Lit.proizv. no.7'40 Je '60.

Simulation of a linear system with n number of stationary random imputs without the use of generators of random disturbances [with summary in English]. IA.Shilkhanek. Avtom.i telem. 21 no.5.652-654 My '60.

Slodukho, IA.IU. [Automatic control of electric drives of continuous hot rolling mills] Avtomatika elektroprivodov nepreryvnykh stanov goriachei prokatki. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 110 p.

Soveshchanie po teorii invariantnosti i ee primeneniiu v avtomaticheskikh ustroistvakh, Kiev, 1958. [Invariancy theory and its application to automatic devices] Teoriia invariantnosti i ee primenenie v avtomaticheskikh ustroistvakh; trudy soveshchaniia. Moskva, Akad. nauk USSR, Otd-nie tekhn.nauk, 1959. 381 p.

Standard designs of boiler rooms for heating residential districts. S.M.Monoszon. Stroi.i arkhit.Len. 22 no.7:32 '60.

Step-by-step control system equipped with semiconductors. T'ang Yung-huang. Izv.vys.ucheb.zav.; mashinostr. no.6:3-15 '60.

Strejc, Vladimir, Milan Balda, and Miroslav Krampera. [Use of automatic control in industry] Primenenie avtomaticheskogo regulirovaniia v promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 228 p.

Suppression of self-oscillations by the use of additional nonlinear elements. G.S.Pospelov. Trudy MAI no.112. 5-17 '59.

Theory and practice of a method for controling the manufacture of a steel cable wire by use of eddy currents. B.IA.Pogrebtsov. Izv.vys.ucheb.zav.; elektromekh. 3 no.5:40-51 '60.

Theory of systems without disturbances having three channels of automatic compensation of acceleration for gravitational forces which are corrected by external information. V.A.Bodner, V.P.Seleznev. Izv.AN SSSR,Otd.tekh.nauk.Energ.i avtom. no.3:84-95 My-Je '60.

Transient processes in control systems with time delay [with summary in English]. Z.Sh.Blokh. Avtom.i telem. 21 no.6:710-719 Je '60.

Transmission factor of a simple distrubuted object. V.A. Dozorov. Izv.vys.ucheb.zav.; radiofiz. 3 no.2:328-332 '60.

Use of an extremum controller for automatic dosing of lime in chemical water purifiers. K.G Zeidel', V M. Kuntsevich. Avtomatyka no 2,76-80 '60

Use of computing device in a self-regulating automatic control system for the electrolytic production of aluminum. E.P.Sarkisian, M.M.Agababian, P.S.Saakian. Avtom.i telem. 21 no.6:806-811 Je '60.

Use of electronic computers in automatic control of the bessemer process. V.M.Glushkov, L.N.Dashevskii, A.I. Nikitin. Avtom.i telem. 21 no.6:877-883 Je '60.

Use of Markov chains in calculating the established error in optimalizing controllers. A.A.Pervozvanskii. Izv.AN SSSR,Otd.tekh.nauk.Energ.i avtom. no.3:64-72 My-Je '60.

Use of the small parameter method for investigating automatic control systems with time delay [with summary in English]. IU.A.Riabov. Avtom.i telem. 21 no.6:729-739 Je '60.

Using the regular pattern of decarburization for the automatic regulation of the steel-smelting process O.D.Zorin Izv.vys.ucheb zav ,chern met no 6 54-58 '60.

V[illegible]

[illegible]

privod i avtomatizatsiia promyshlennykh ustanovok; trudy. Pod obshchei red.I.I.Petrova, A.A.Sirotina i M.G.Chilikhina. Moskva, Gos.energ.izd-vo, 1959. 470 p.

Well bottom automatic control devices for rotary drilling. A.A.Minin. Neft.khoz. 38 no.6:30-33 Je '60.

Work of the All-Union Scientific Research Institute on Electric Welding Equipment on the introduction of automatic control of welding equipment. N IA Kochanovskii Svar proizv no 6 6-10 Je '60

Work of the State Trust for the Organization and Efficiency of Electric Power Plants in connection with the automatic control of thermal processes at the electric power plants. P.N.Manuilov. Teploenergetika 7 no.7.92-94 Jl '60.

Working with the automatically controlled fuel system during flight. A.M.Shvarev. Vest.Vozd.Fl. no.2: 74-79 F '60.

AUTOMATIC CONTROL—BIBLIOGRAPHY see Bibliography—Automatic control

AUTOMATIC CONTROL—CONGRESSES

First All-Union Conference on Electrical Measuring Digital Instruments. E.I. Tonlakov. Izv.vys.ucheb. zav., elektromekh. 3 no 2:168-170 '60.

First congress of the International Federation of Automatic Control Avtom.i telem. 21 no.6:657-658 Je '60.

First congress of the International Federation of Automatic Control. N.O.Biriukov. Avtom.i telem. 21 no.6: 934-937 Je '60.

First International Congress of the International Federation of Automatic Control. Izv.AN SSSR.Otd.tekh.nauk. Energ.i avtom. no.3,183-184 My-Je '60.

First International Congress on Automatic Control held in Moscow in 1960 Avtomatyka no 2 84-87 '60

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Magnetoelastic elements for automatic control systems in coal mining G M IAnchuk, M N Gumaniuk Ugol' Ukr 4 no 6 32-34 Je '60

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATION

(see also subdivision under Europe, Western, Kazakhstan)

Automatic machines regulate the blast-furnace process P. Putro Blok agit [Ukr] no 35 33-37 D '59.

Automation and mechanization at a spinning and weaving factory. N.N.Pavlov, V.N.Khal'fin. Mekh.i avtom. proizv. 14 no.6'12-18 Je '60.

Automation and the problem of the professional division of labor. S.S.Tovmasian. Izv.AN Arm.SSR. Obshchestv.nauki no.3 35-46 Mr '60.

Automation of the national economy of the U.S S R. is a development of Lenin's plan for the electrification of the nation Avtomatyka no 2 1-2 '60

Carrying out decisions of the June Plenum of the Central Committee of the CPSU. Mekh.i avtom.proizv. 14 no.6:1-3 Je '60.

Economic effectiveness of automation in coal mines. A.S.Minevich, Z.E.Al'tshuller. Mekh.i avtom.proizv. 14 no.6:50-52 Je '60.

Experience in the automation of universal metal-cutting equipment. V.G Korobeinikov. Mashinostroitel' no.7,7-10 Jl '60.

Gavrilov, A.N., ed. [Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoianie i napravleniia razvitiia tekhnologii mashinostroeniia i priborostroeniia. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 563 p.

Important objectives of the Exhibition of Achievements of the National Economy of the U.S.S.R. A.F.Shchegolev. Mekh.i avtom.proizv. 14 no.6'4-6 Je '60.

Important part of technological progress V.Klushin. Polit samoobr 4 no 6,30-38 Je '60

Iskra, V.M. [Automation - abundance or new calamities?] Avtomatizatsiia - izobilie ili novye bedstviia? [Moskva] Izd-vo VTsSPS Profizdat, 1959. 117 p.

Ivanov, A.P. [Mechanization and automation of technological processes in the manufacture of machinery] mekhanizatsiia i avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 334 p.

Kozlov, O.V., and K.I.Murzov. [How automation benefits the socialist society] Chto daet avtomatizatsiia sotsialisticheskomu obshchestvu. Moskva, Gosplanizdat, 1960. 126 p.

[MICROFILM]

[Labor and technology in the seven-year plan] Trud i tekhnika v semiletke. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 365 p. (Massovaia biblioteka rabochego)

Mechanization and automation in the manufacture of metal-cutting tools. F.B.Komarov. Mekh.i avtom.proizv. 14 no.6'7-12 Je '60.

Mechanization and automation of inter and intrashop conveying at the Gorkiy Automobile Plant. D.V.Kazmenko. Mashinostroitel' no 7;11-15 Jl '60.

New apparatus and automatic control systems for stone-crushing plants. N.V.Dmitrievskii. Mekh.stroi. 17 no.7:11-16 Jl '60.

On the main road. I.S.Savel'iev. Nauka i zhyttia 10 no.7·7-10 Jl '60.

Over-all mechanization and automation of production in the leather industry. I.P.Ushatkin. Mekh.i avtom. proizv. 14 no.6'57-58 Je '60.

Review of "Lectures on automation in the woodworking industries" by N.A.Morozov. V.D.Osipov. Mekh.i avtom.proizv. 14 no.6 59 Je '60.

Successes in automation S.Krasivskii Novyi mir 36 no 6 201-208 Je '60

Terekhov, G.A., and IU.A.Shuvalov. [Automation of technological processes of machining and assembling in the manufacture] Avtomatizatsiia tekhnologicheskikh protsessov mekhanicheskoi obrabotki i sborki v mashinostroenii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960, 32 p.

This agitates many people Georgii Oriel. Sov Ukr. 10 no 7 123-130 Jl '60

Trusty helpers of steelworkers. S.Akhmatov. Nauka i zhyttia 10 no.6;11-15 Je '60.

Wide wings V.Ovcharov, I IUrchenko Ogonek 38 no 23 10-11 Je '60

The wings of the seven-year plan. Oleg Pisarzhevskii. Okhr truda i sots.strakh 3 no 6'6-11 Je '60.

Zakhar'in, A.I. [Benefits of production mechanization] Chto daet mekhanizatsiia proizvodstva. [Leningrad] Lenizdat, 1960. 50 p. (Moskva i Leningrad sorevnuiutsia)

AUTOMOBILE DRIVERS

Military drivers I.Dorkachenko Voen znan 36 no 8 23-24 Ag '60

AUTOMOBILE ENGINEERING—BIBLIOGRAPHY see Bibliography—Automobile engineering

AUTOMOBILE ENGINEERING—STUDY AND TEACHING see subdivision under Moscow

AUTOMOBILE INDUSTRY

(see also subdivision under Gorkiy, Minsk, Moscow, Zaporozh'ye)

Technical and economic indices in the automobile industry. N.I.Antonov. Avt.prom. no.7 1-2 Jl '60.

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Europe, Western

AUTOMOBILE PARKING

Garages and parking lots in newly built city districts. A.Ivanova. Stroi.i arkhit.Mosk 9 no.7:17-19 Jl '60.

AUTOMOBILE RACING

One hundred and fifty kilometers per hour! L.Maiskii Za bezop.dvizh. no.6 15 Je '60

AUTOMOBILES

(see also subdivision under Great Britain)

Grozovskii, T.S., and B.N.Nadezhdin. [The "Moskvich-407" automobile, operation, maintenance, and repair] Avtomobil' "Moskvich-407", upravlenie, obsluzhivanie i remont. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 286 p.

Tiny automobiles on our highways I Pashkov Ukraina no 11 8 Je '60

AUTOMOBILES—BRAKES

Using the VS-10T adhesive for gluing friction facing with brake shoes and driven clutch disks of automobiles TS M.Vol. Obm.tekh.opyt.na avt transp no.3:13-32 '60

AUTOMOBILES—ENGINES

Formula for the speed characteristics of automobile engines V I Soroko-Novitskii Trudy Kaf "Avt i trakt" VZMI no 2 26-28 '60

Running-in period for engines G Katsigras Avt transp 38 no 7 33-35 Jl '60

Using steel piston rings in repairing engines IA Shmatkov Avt transp 38 no 7 30-32 Jl '60

AUTOMOBILES—ENGINES—COOLING

Review of "Air-cooled automobile engines" by J.Mackerle. IU.N.Iudin. Avt.prom. no.7 45-46 Jl '60.

AUTOMOBILES—ENGINES—CYLINDERS

Mastering the manufacture of a v-shaped cylinder block. A.A.Lamasov. Lit.proizv no.7:8-9 Je '60.

Tupitsyn, P.S. [Determining technical state of the cylinder-piston group of automobile carburetor engines] Metody opredeleniia tekhnicheskogo sostoianiia tsilindro-porshnevoi gruppy avtomobil'nykh karbiuratornykh dvigatelei. Moskva, Avtotransizdat, 1960. 27 p.

AUTOMOBILES—EQUIPMENT AND SUPPLIES

Moskovskii zavod malolitrazhnykh avtomobilei. [Catalog of spare parts for the 407, 410N, 411, 423H and 430 "Moskvich" automobiles] Katalog zapasnykh chastei avtomobilei "Moskvich" modelei 407, 410N, 411, 423N i 430. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 481 p.

AUTOMOBILES—FUEL SYSTEMS

Korchemnyi, L V [Kinematics of gas-distribution cam gears] Kinematika kulachkovykh mekhanizmov gazoraspredeleniia Moskva, Gos.nauchno-tekhn.izd-vo mashinostr.lit-ry, 1960 35 p (Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut. [Trudy],no 89)

[MICROFILM]

New design of filters for fine fuel cleaning. E.P. Chernyshev. Avt.prom. no.7:23-24 Jl '60.

Selecting gas distribution phases. G.M.Kosolapov. Avt. prom. no.7;21-23 Jl '60.

AUTOMOBILES—HEADLIGHTS

Automobile headlights. Svetotekhnika 6 no.7·32 Jl '60.

AUTOMOBILES—MAINTENANCE AND REPAIR

(see also subdivision under Chelyabinsk)

Centralization of maintenance is the basis for the development of the garage system L.Davidovich Avt transp. 38 no 7 16-19 Jl '60

Continuous assembly line for front axles of cars and equipment for attaching springs N.N.Kornilov. Obm. tekh.opyt.na avt.transp. no.3 43-48 '60.

Determining the economic efficiency of capital repairs of machinery. R.Kolegaev. Nauch.dokl.vys.shkoly; ekon.nauki no.2,45-52 '60.

Repairing radiators A Gordeev Avt transp 38 no 7 48-49 Jl '60

AUTOMOBILES—ROAD GUIDES

Popadeikin, V. I. [Moscow-Leningrad, road guide] Moskva - Leningrad, putevoditel' po avtomobil'noi doroge. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transp. i shosseinykh dorog RSFSR, 1960. 145 p.

AUTOMOBILES—SHOCK ABSORBERS

Thermal state of telescopic shock absorbers under operating conditions. I. B. Skinder. Avt. prom. no. 7 14-17 Jl '60.

AUTOMOBILES—SPRINGS

Characteristics of new designs of car suspensions. G. P. Bogdanov. Avt. prom. no. 7 35-39 Jl '60.

AUTOMOBILES—STEERING GEAR—VIBRATION

Investigating vibrations of steering wheels of automobiles caused by the hydraulic booster of the steering gear. L. L. Gintsburg. Avt. prom. no 7 9-14 Jl '60.

AUTOMOBILES—TIRES
(see also subdivision under Baku)

Eternal shoes for automobiles Tekh. mol. 28 no. 5·9 '60.

Scientific and technical conference on the improvement of the technology of assembly plant operations in the manufacture of automobile tires. G. D Korbe, S. P. Potamoshnev. Kauch. i rez. 19 no. 5,57 My '60.

Tires are changing their "dress." N Pashin. Znan. sila 35 no. 7:41 Jl '60

AUTOMOBILES—TRANSMISSION DEVICES

Dymshits, I. I. [Gearboxes] Korobki peredach. Pod red. A. A. Lipgarta. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 359 p.

Effect of some technological factors on the characteristics of a hydraulic torque converter. N. P. Kharitonov. Avt. prom. no. 7 18-19 Jl '60.

Relationship between the efficiency of a hydraulic torque converter and the Reynolds number V. I. Lapidus. Avt. prom. no. 7·19-20 Jl '60.

AUTOMOBILES—TOURING

Through the Soviet Union in automobiles. L. Zadvornyi. Vnesh. torg. 30 no. 7 39-41 '60.

AUTOMOBILES—WHEELS

Stand for wheel alignment G Zaikin Avt transp 38 no 7 26-27 Jl '60

AUTOMOBILES, RENTAL
(see also subdivision under Kiev)

Indices of planning and performance accounting of rental motor vehicles M Bash Avt transp 38 no. 7 40-42 Jl '60

Renting is all right! but. . . . S. Medkov. Za bezop. dvizh. no. 6,6-7, 10 Je '60.

AUTOMOBILES, THREE WHEEL

An automobile made by a Korosten' lathe operator. S. Loienko. Ukraina no. 15:32 Ag '60.

AUTOMOTIVE TRANSPORTATION see Transportation, Automotive

AUTONOMIC DRUGS

Central antagonism between gangliolytics and proserine [with summary in English]. M. L. Tarakhovskii. Biul. eksp. biol. i med. 49 no. 1.78-83 Ja '60.

Indications, contraindications, and hazards of hibernation and neuroplegia in surgery. T. M. Darbinian. Voen.-med zhur. no. 6 54-58 Je '60.

Mechanism of the influence of ganglion-blocking agents on the peripheral viscero-visceral reflexes [with summary in English]. V. V. Zakusov, O V. Ul'ianova. Biul. eksp. biol. i med. 49 no. 1·75-78 Ja '60.

AUTONOMIC NERVOUS SYSTEM see Nervous system, Autonomic

AUXILIARY VESSELS

Electric propulsion on Russian rescue vessels. N. A. Kuznetsov. Trudy NTO sud prom. 8 no. 5·131-139 '59.

AVCHALA—BOTTLES

Pneumatic feeder. G. I. Lomidze. Stek. i ker. 17 no. 7: 42-43 Jl '60.

AVIATION MEDICINE

Changes in the electrocardiogram of flying personnel under the influence of flying stress. A. E. Krimshtein. Voen.-med. zhur. no. 5:83-84 My '60.

Expert testimony adiposity in airation medicine. V. G. Knabengof. Voen.-med. zhur. no. 5:58-60 My '60.

"How to preserve the flyer's health" by A. I. Severskii. Reviewed by F. P. Kosmolinskii. Voen.-med. zhur. no. 5·94-95 My '60.

Significance of emotional influences on blood circulation in hypertension. P. V. Bulanov. Voen.-med. zhur. no. 5·81-83 My '60.

Study of neurocirculatory dystonia in flying personnel. N. P. Beliaev. Voen.-med. zhur. no. 5:77-80 My '60.

AXINITE see subdivision under Savinskoye region (Transbaikalia)

AXONOMETRIC PROJECTION

Axonometry of the electrocardiogram in the diagnosis of mitral defects. M. IA Laufer. Med zhur. Uzb no. 12· 63-64 D '58.

Subdividing central axonometric projections K. G Gorbunov Trudy SIMSKH no 14 168-169 '59

AYGY-KUM—JERBOAS

Recent data on the jerboa Salpingotus crassicauda K. P. Paraskiv Trudy Inst zool AN Kazakh SSR 13 100-110 '60.

AZERBAIJAN—AMPHIBIA

General ecological characteristics of amphibians and reptiles of the Azerbaijan S S R A M Alekperov Uch zap AGU Biol ser no 1 9-26 '59

AZERBAIJAN—ANTIQUITIES

On the study of metal articles from "aeneolithic" monuments of Azerbaijan and the Northern Caucasus. I. R. Selimkhanov. Sov. arkheol. 4 no. 2,89-102 '60.

AZERBAIJAN—BOTANY

Recent data on the occurrence of certain plants in Azerbaijan. M. G. Zangiev. Dokl. AN Azerb. SSR 16 no. 4:377-379 '60.

AZERBAIJAN—CITY PLANNING

Basic principles in planning and building public centers of collective farm villages in Azerbaijan [in Azerbaijani with summary in Russian]. K. M Mamedzade. Dokl. AN Azerb. SSR 16 no. 4:415-418 '60.

AZERBAIJAN—CORN (MAIZE)

Growth and development of corn as related to seeding methods and density of stand. B. B. Grigor'ian. Dokl. AN Azerb. SSR 16 no. 4:381-385 '60.

Planting corn in summer after harvesting another crop in Azerbaijan [in Azerbaijani with summary in Russian]. I M. Sadykov Uch zap AGU Biol ser no 1 71-75 '59.

AZERBAIJAN—ECONOMIC CONDITIONS

Flourishing of the Soviet Azerbiajan economy. A. A. Makhmudov. Izv. AN Arm. SSR. Obshchestv. nauki no. 4:43-52 Ap '60.

AZERBAIJAN—EDUCATION

A history of the struggle for general literacy in Soviet Azerbaijan. N. A. Pashaev. Ist. SSSR 4 no. 3·100-107 My-Je '60.

AZERBAIJAN—FORESTS AND FORESTRY

Tugai forests in western Azerbaijan [in Azerbaijani with summary in Russian]. A. I. Maliov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3·53-63 '60.

AZERBAIJAN—GEOGRAPHY, ANCIENT

Sources used by Strabo in his description of ancient Caucasian Albania. Kemal Aliev Dokl. AN Azerb. SSR 16 no. 4:419-422 '60.

AZERBAIJAN—GEOLOGY, STRATIGRAPHIC

Facies and thickness of Carboniferous sediments of the Nakhichevan fold region [in Azerbaijani with summary in Russian]. Sh. A. Azizbekov, T. G. Gadzhiev, M. B. Zeinalov. Dokl. AN Azerb. SSR 16 no. 3:261-265 '60.

Mineral, geochemical, and other characteristics of the Maykop series in Azerbaijan from the point of view of its oil forming properties A. G Seidov, G. I. Teodorovich Izv vys ucheb zav. ,neft' i gaz 3 no. 6.25-30 '60

AZERBAIJAN—HEMOSPORIDIA

Epizootiology of hemosporidioses of domestic animals in Azerbaijan [in Azerbaijani with summary in Russian]. N. S. Abusalimov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3.105-113 '60.

AZERBAIJAN—HISTORY

Guseinov, R. A. [Twelfth and thirteenth century Syriac sources on Azerbaijan] Siriiskie istochniki XII-XIII vv. ob Azerbaidzhane. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 179 p.

Leviatov, V. N. [Essays from the 18th century history of Azerbaijan] Ocherki iz istorii Azerbaidzhana v XVIII veke Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1948. 227 p.

AZERBAIJAN—ILLITERACY

A history of the struggle for general literacy in Soviet Azerbaijan. N. A. Pashaev. Ist. SSSR 4 no. 3:100-107 My-Je '60.

AZERBAIJAN—LEPTOSPIROSIS

Materials on nonicteric leptospirosis in southern Azerbaijan. A. S. Samedov, IA. S. Entin. Voen.-med. zhur. no. 6 35-37 Je '60.

AZERBAIJAN—MACHINERY INDUSTRY—HYGIENIC ASPECTS

Workers' suggest L Dol'nikov. Okhr truda i sots strakh 3 no 3 48 Mr '60

Amirov, A. D. [Petroleum production in Azerbaijan] Neftianaia promyshlennost' Azerbaidzhana. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii, Ser. 4, Nauka i tekhnika, no. 18)

In the economic councils of the oil regions of our country. Neft. khoz. 38 no. 3:65-67 Mr '60.

AZERBAIJAN—PERONOSPORALES

New species of Peronosporales from Azerbaijan. V. I. Ul'ianishchev. Dokl AN Azerb. SSR 16 no. 4:387-392 '60

AZERBAIJAN—PHYSIOLOGY

Development of physiological science in Azerbaijan during Soviet period [in Azerbaijani with Russian summary]. A. I. Karaev. Azerb. med. zhur. no. 5: 68-73 My '60.

AZERBAIJAN—PHYTONCIDES

Studying the effect of volatile phytoncides from certain plants in Azerbaijan [in Azerbaijani with summary in Russian]. Z. G. Gaibov. Dokl. AN Azerb. SSR 16 no. 3 289-291 '60.

AZERBAIJAN—PLANT PHYSIOLOGY

History of the development of field of plant physiology in Azerbaijan during the Soviet period M G Abutalybov. Uch zap. AGU. Biol ser no 1,29-38 '59

AZERBAIJAN—PLANTS, EFFECT OF SALTS ON

Water regimen of some forage grasses under different salinity conditions [in Azerbaijani with summary in Russian]. Z. S. Azizbekova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3,23-31 '60.

AZERBAIJAN—REPTILES

General ecological characteristics of amphibians and reptiles of the Azerbaijan S S. R A M Alekperov Uch zap AGU Biol ser no 1 9-26 '59

AZERBAIJAN—RESTAURANTS, LUNCHROOMS, ETC.

Years of growth. V. Karakhmedova. Obshchestv. pit. no. 6:49-50 Je '60.

AZERBAIJAN—RETAIL TRADE

Development of trade in Azerbaijan. A. Akhmedov. Sov. torg. 33 no. 6:39-45 Je '60.

AZERBAIJAN—SANTONIN

Damirov, I. A. [Presence of santonin in some forms of wormwood growing in Azerbaijan] Nakhozhdenie santonina v nekotorykh vidakh polynei, proizrastaiushchikh v Azerbaidzhane. Baku, Izd-vo Azerbaidzhanskogo univ., 1957. 90 p.
(DNLM)

AZERBAIJAN—SOILS—CLASSIFICATION

Classification of soils in Azerbaijan. V. R. Volobuev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:3-10 '60.

AZERBAIJAN—STERNBERGIA

Flowering, pollination, and embryology of Sternbergia lutea (L.) Ker.-Gawl. and S. fishcheriana (Herb.) Roem. G. E. Kapinos. Bot. zhur. 45 no. 7:1044-1055 Jl '60.

AZERBAIJAN—SURGICAL SOCIETIES

Report no. 2 of the plenary session of the Azerbaijan Surgical Society for February 27, 1959. Azerb. med. zhur. no. 5:92-94 My '60.

AZERBAIJAN—TECHNICAL EDUCATION

The whole plant is working the communist way. V. Popov. Komsom. zhizn' no. 10.17-20 My '60.

AZERBAIJAN—TEXTILE INDUSTRY

Expansion of the Azerbaijan textile industry. M. B. Tagiev. Tekst. prom. 20 no. 6:5-7 Je '60.

AZERBAIJAN—THEATER

"Uncle Vania" Dzh Dzhafarov Teatr 21 no. 6·85 Je '60.

AZERBAIJAN—TREES—WATER REQUIREMENTS

Effect of saturation watering and water applied during the vegetation period on the water regimen of some arboraceous species [in Azerbaijani with summary in Russian]. Sh. T. Nadzhafov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:41-51 '60.

AZERBAIJAN—WHEAT

Concentration of carotenoid pigments in the endosperm of wheat kernels depending on the variety and growing conditions. M. N. Babaian. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:69-75 '60.

AZIMUTHS

Headpiece for use with theodolite telescopes in determining azimuths by solar observations. F. D. Rabinovich, A. V. Fanygin. Geod. i kart. no. 6:48-51 Je '60.

AZO COMPOUNDS

Synthesis of some azo compounds and their reactions with cations. V. M. Dziomko, K. A. Dunaevskaia. Trudy IREA no. 23:138-146 '59.

AZO DYES

Properties of some fluorine-containing azo dyes. L.M. IAgupol'skii and others. Ukr.khim.zhur. 26 no.3. 389-392 '60.

Synthesis and properties of acid monoazo dyes L.N. Nikolenko and others Zhur prikl.khim 33 no 7 1617-1623 .Jl '60

AZOTOBACTER

Effect of calcium ions on nitrogen and phosphorus metabolism in Azotobacter vinelandii [with summary in English]. G N.Zaitseva, A.N.Belozerskii, L.P.Novozhilova. Mikrobiologiia 29 no 3 343-350 My-Je '60

AZOV, SEA OF—HYDROLOGY

Methods for numerical forecasting of dangerous level lifts in the Sea of Azov. L.N.Kropachev. Trudy Okean kom. 7:136-147 '60.

AZOV REGION—FISH PROCESSING PLANTS

Developing innovations. A.Liakhov. NTO 2 no 7:53 Jl '60.

AZOV REGION—MINERALOGY

Conditions of placer formation in the northern Azov region [with summary in English]. N.M.Baranova, V.Kh.Hevork'ian, P.O.Polieva. Dop.AN URSR no.4· 508-512 '60.

AZOV REGION—WATER, UNDERGROUND—ANALYSIS

Changes in the chemical composition of underground waters in the Azov-Kuban trough and their iodine and bromine contents. N.V.Ovchinnikov. Izv.vys.ucheb. zav.; geol.i razv. 3 no.1:134-138 Ja '60.

AZOV SEA REGION—ROCKS

Stone mushrooms. E.IA.Marchenko. Priroda 40 no.7· 113-114 Jl '60.

BCG

Biological peculiarities of BCG resistant to phthivazid. R.O.Drabkina, T.S.Ginzburg Pat.,klin i terap.tub no.8:12-15 '58.

BCG VACCINATION

Changes in the blood protein fractions in guinea pigs under the influence of vaccination and infection with tuberculosis. R.M.Izabolinskaia, R P Vel'tman, F F.Chernushenko. Pat.,klin i terap.tub. no.8·79-82 '58.

Reaction of the organism to enteral vaccination with increased doses of BCG vaccine. R.A.Kamenetskaia, N.D.Golban.' Pat.,klin.i terap.tub. no.8 25-20 '58.

Some indications of protein metabolism following peroral use of massive doses of BCG vaccine in young children. V.A.Nichiporuk. Pat.,klin.i terap tub no 8 36-38 '58.

Streptomycin therapy following experimental BCG vaccination and its influence on the development of immunity. F F.Chernushenko. Pat.,klin.i terap.tub no.8:16-19 '59.

BABBITT METAL

Photometric method for determining small amounts of zinc in babbitts N.V.Kostin Vest Mosk un Ser.2 Khim. 15 no 1·49-53 '60

BABUSHKIN—PLANTS, PROTECTION OF

Green patrols. N.R.Ukhatin. Biol v shkole no 3 50-55 My-Je '60.

BACH, JOHANN SEBASTIAN, 1685-1750

Chamber work of Bach. Mikhail Fikhtengol'ts. Sov. muz. no.7:140 Jl '60.

BACILLE CALMETTE-GUÉRIN see BCG

BACILLUS MEGATHERIUM

Relation of Bacillus megatherium to the conditions of the culture medium in the course of its life cycle [with summary in English] N.D.IErusalimskii, L A Egorova. Mikrobiologiia 29 no.3;323-328 My-Je '60.

BACILLUS MYCOIDES

Effect of fixation on the morphology of the phage of Bacillus mycoides [with summary in English]. A.S. Tikhonenko, T.F.Kulmova. Mikrobiologiia 29 no.3 395-400 My-Je '60

BACTERIA

Shaposhnikov, V.N. [Physiology of metabolism in microorganizms with reference to functional evolution] Fiziologiia obmena veshchestv mikroorganizmov v sviazi s evoliutsiei funktsii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 161 p.

BACTERIA, CELLULOSE-DECOMPOSING

Possibility of using antibiotics to protect the outer fibrous sheaths of underground power cables from destruction by micro-organisms [with summary in English]. N.A.Krasil'nikov, R.A.Zhukova, V.B.IAshish. Mikrobiologiia 29 no 3,446-450 My-Je '60

BACTERIA, PATHOGENIC

Use of alizarin suspension agglutins for the rapid detection and identification of pathogenic microbes. A.K. Adamov. Voen.-med.zhur. no.5:65-68 My '60.

BACTERIA, PHYTOPATHOGENIC

Izrail'skii, V.P., ed. [Bacterial diseases of plants] Bakterial'nye bolezni rastenii. Izd.2., perer.i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1960. 467 p.

BACTERIA, SULFUR

Distribution of sulfate-reducing bacteria in petroleum beds of Kuybyshev Province in connection with the salt composition of waters associated with them [with summary in English] V A.Kuznetsova. Mikrobiologiia 29 no 3 408-414 My-Je '60

Reduction of sulfates in mixtures of sea water and waters of petroleum beds in an atmosphere of molecular hydrogen with the participation of sulfate-reducing bacteria [with summary in English] M V Gasanov Mikrobiologiia 29 no 3,419-421 My-Je '60

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Color differential medium for plague microbes L A Timofeeva, V.IA.Golovacheva Izv Irk gos nauch.-issl.protivochum inst 14 46-48 '57

Cultivation of the plague microbe in media of a certain composition. I.V.Domaradskii, V.S.Basheva, N.K Sidorova Izv.Irk.gos.nauch.-issl protivochum.inst. 18;55-63 '58.

Culturability of the plague microbe from the organs of Tien Shan marmots. E.P.Makarova, N.I.Makarov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15;103-107 '57.

Dehydrogenases of plague and pseudotuberculosis microbes. I.V.Domaradskii, E.V.Buntin, G.A.Zakharova Izv.Irk.gos.nauch.-issl.protivochum.inst. 18;83-96 '58.

Dry color medium for the diagnosis of some causative agents with a natural focus L A Timofeeva, N.Z. Trofimenko Izv Irk gos nauch -issl.protivochum inst 20 339-341 '59.

Effect of different fractions of soybean flour on streptomycin biosynthesis and growth of the culture of strain LS-1 of Actinomyces streptomycini. O Z Grabovskaia Dokl AN SSSR 133 no 1 218-220 Jl '60.

Influence of a concentration of amino acid in the Ukhalov-Mikhalev medium on the growth of the tularemia microbe M I.Antsiferov, L.I.Noskova. Izv.Irk.gos. nauch.-issl.protivochum.inst. 18,51-54 '58.

Influence of blood and its component parts on the growth of Bact.tularense. M.I.Antsiferov, L.I.Noskova. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18;145-153 '58.

Influence of malachite green on the growth of the causative agents of plague, pseudotuberculosis, and some other microbes. G.P.Aparin. Izv.Irk.gos.nauch.-issl. protivochum.inst 18·3-7 '58.

Influence of various concentrations of Hottinger's hydrolysate on the morphology of plague microbe colonies B.A.Erman Izv Irk gos.nauch -issl. protivochum inst 14 49-52 '57.

Meat-acid hydrolysate for growing cholera and plague microbes. I.I.Noskova, N.Z.Trofimenko, V.S. Mikhno. Izv.Irk.gos.nauch.-issl protivochum.inst. 18;111-115 '58.

Method for cultivating lamblia. A.E.Karapetian. TSitologiia 2 no.3;379-384 My-Je '60.

Method for the detection of nitrites in bouillon with growing cultures. IU.N.Kasatkin. Lab.delo 6 no.3· 41-42 My-Je '60.

Once more about color differentiating medium. L.A. Timofeeva, G.P.Aparin, V.IA.Golovacheva. Izv.Irk. gos.nauch.-issl.protivochum.inst. 15:123-125 '57.

Quality of culture media. L.A.Timofeeva, L.I Noskova Izv Irk gos.nauch -issl protivochum inst 14 36-45 '57.

Quality of Hottinger's agar in relation to the length of preservation B A Erman. Izv Irk.gos.nauch -issl protivochum inst. 20.331-334 '59

Relation of Bacillus megatherium to the conditions of the culture medium in the course of its life cycle [with summary in English] N D.IErusalimskii, L.A Egorova. Mikrobiologiia 29 no 3;323-328 My-Je '60

BACTERIOLOGY—TECHNIQUE

Diagnostic significance of the method of repeated passages in white mice in the isolation of Bact. tularense cultures of varying virulence N.G Olsuf'ev, M.P.Tereshchenko Izv.Irk.gos.nauch -issl.protivochum inst 14,66-78 '57.

BACTERIOPHAGE

Adsorption of actinophages by actinomycetes susceptible to them [with summary in English] N.P.Fadeeva, IA.I.Rautenshtein, I.E.El'piner. Mikrobiologiia 29 no 3;388-394 My-Je '60

Being or matter? M.Zemskov. Ogonek 38 no.26·9 Je '60.

Determination of the antibiotic sensitivity and the phage sensitivity of freshly-isolated dysenterial cultures [with summary in English]. A.M.Tkachenko. Antibiotiki 5 no.1:64-67 Ja-F '60.

Effect of fixation on the morphology of the phage of Bacillus mycoides [with summary in English] A S Tikhonenko, T.F.Kulmova Mikrobiologiia 29 no 3: 395-400 My-Je '60

Lability of structural elements of phage corpuscles [with summary in English]. A.E.Kriss. Izv.AN SSSR.Ser. biol. no.3;443-445 My-Je '60.

Serviceability period of the cholera bacteriophage. V.S. Mikhno. Izv.Irk gos nauch.-issl protivochum inst 20 297-301 '59.

BACTERIOSTATSIS

Bacteriostatic effect of some vitamins. G.R.Finn, K.S. Kharats. Antibiotiki 5 no.1 121-122 Ja-F '60.

BADYL'KES, ISAI SAVEL'EVICH, 1900-

Prof. I.S.Badyl'kes' 35 years of scientific and engineering activity. Khol.tekh. 37 no.3.67 My-Je '60

BAIKAL-KUDAR DISTRICT—MUSKRATS—DISEASES AND PESTS

Epizootic and outbreak of tularemia in the Baikal-Kudar muskrat breeding farm of the Buryat-Mongol A.S.S.R. M.I.Antsiferov, E.P.Potapova, T.G.Linnik. Izv Irk. gos.nauch.-issl.protivochum inst 15 205-209 '57.

BAIKAL, LAKE—COAST CHANGES

Using the botanical method for solving problems of hydrogeology and engineering geology. G.I.Galazii Biul. MOIP.Otd.geol. 35 no.1,126-127 Ja-F '60.

BAIKAL REGION—BOTANY

I I.Georgi's forgotten species from the "Flora of the Baikal region." E.G.Bobrov Bot mat Gerb. 20,3-22 '60.

BAIKAL REGION—LICHENS

Some new and interesting species of Parmelia and Hypogymnia in the U.S.S.R. K.A.Rassadina. Bot mat Otd. spor rast. 13·20-25 '60.

BAIKAL REGION—POTTERY, PRIMITIVE

Zoomorphic images on neolithic pottery from the Baikal region. P.P.Khoroshikh. Sov.arkheol. 4 no.2: 228-229 '60.

BAIKAL REGION—SOILS

Some data on soils of the Baikal mountain steppes. V.P. Martynov. Izv.Sib.otd.AN SSSR no.1·103-113 '60.

BAIKAL REGION—SPRINGS

Materials on the study of natural characteristics connected with the life of hot springs in the northern Baikal region. O.K.Gusev. Kraeved sbor. no.1·72-83 '59.

BAIL

Release on bail and the rehabilitation of criminals. N.Natsentova. Sov.iust. no.8 14-17 Jl '60.

Some legal problems concerning the release of lawbreakers on bail. V.V.Klochkov. Sov.gos.i pravo no.7·89-96 Jl '60.

BAKAL REGION—GEOLOGY, STRUCTURAL

Structural characteristics of the Bakal deposit O.P. Sergeev Razved.i okh nedr 26 no 5 45-48 My '60

BAKED PRODUCTS

Names of the products in standards and in catalogs. G.A.Kocharian. Khleb.i kond.prom. 4 no.7·45 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Bread and baked products] Khleb i khlebnye izdeliia. Izd.ofitsial'noe. Moskva, 1959. 151 p. (Gosudarstvennye standarty SSSR)

Use of wheat germ in the manufacture of baking products. K.E.Filatov. Khleb.i kond.prom. 4 no.7;8-9 Jl '60.

BAKED PRODUCTS—PACKAGING

Use of the SPI-200 high-polymer composition in the baking and confectionery industry. Z.M.Moreva, B.L. Slavina. Khleb.i kond.prom. 4 no.7 27-32 Jl '60.

BAKERS AND BAKERIES

(see also subdivision under Kirov Province, Tyumen Province)

Advice and consultation. Khleb.i kond.prom. 4 no.7: 45-47 Jl '60.

New work on the economics of the baking industry. V.M. Shvarts. Khleb.i kond.prom. 4 no.7·41-42 Jl '60.

Technical standardization and technological planning at baking er
4 no.7·7

At the building sites of Sumgait. V. [illegible] Minanov. Prof. [illegible] 17 no.5 9 10 My '60.

BAKU–FIRE PREVENTION

Competition between factory fire prevention guards. F.Amilan. Pozh.delo 6 no.7:28-29 Jl '60.

BAKU–HYPERTENSION

Directions for the prevention and treatment of hypertensive conditions under the climatic conditions of Baku. Azerb.med.zhur. no.4:10 Ap '60.

BAKU–INDUSTRIAL HYGIENE

Aliev, M.A. [For high quality production] Za vysokuiu kul'turu na proizvodstve. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 75 p.

BAKU–LABOR COURTS

A review of the newspapers of the Union Republics. Sots. zakon. 37 no.6:63 Je '60.

BAKU–RAILROADS–CARS

If you do it together and in cooperation. A.IAkovlev. Trolv.i tiazh. no.8:34-42 Ag '60.

They march into the future. [illegible] Ermolaeva. Mol.komm. no.7:34-31 Jl '60.

BAKU–RAILROADS–REPAIR SHOPS

Baku car repair shop is an enterprise of communist labor. M.A.Aliev. Zhel.dor.transp. 42 no.7:68-75 Jl '60.

BAKU–REVOLUTION, 1917-1921

"Tekhchaty," the organ of the Baku Commune in the Armenian language [In Armenian with summary in Russian]. S.D.Avakian. Izv. AN Arm.SSR. Obshch.nauki no.1:121-131 '59.

BAKU–RUSSIAN LITERATURE–STUDY AND TEACHING

More initiative and creativeness. [illegible] A. [illegible] [illegible] 7 no.8:70 Ag '60.

BAKU–TIRES, RUBBER

Construction of the Baku Tire Plant. [illegible] Prom.stroi. 38 no.7:21-25 '60.

[illegible]

BAKU ARCHIPELAGO–SUBMARINE GEOLOGY

Distribution of organic matter in modern bottom sediments of the Baku Archipelago [in Azerbaijani with summary in Russian]. [illegible] Aliev. Dokl. AN Azerb. SSR 16 no.4:351-356 '60.

BAKU BAY REGION–GEOLOGY, STRUCTURAL

History of the [illegible] on Baku Bay. [illegible] Dokl. AN Azerb. SSR 16 no.3:255-260 '60.

BAKUNTS, AKSEL

Bakunts' start in literature [In Armenian with summary in Russian]. A.G.Zakarian. Izv. AN Arm. SSR. Obshch.nauki no.1:140-144 '59.

BALAKHNA–PAPER INDUSTRY

[illegible] the decision of the June Plenum of the Central Committee of the C.P.S.U. [illegible] Bum.prom. 35 no.6:[illegible] Je '60.

BALAKHNA–PAPER INDUSTRY–EQUIPMENT AND SUPPLIES

Mechanization of the stockrooms for finished products. N.N.Petrov. Bum.prom. 35 no.6:[illegible] Je '60.

BALAKOVO–TEXTILE FIBERS, SYNTHETIC

Balakovo Artificial Fiber Combine. A.N.[illegible] [illegible]

BALANCING OF MACHINERY

Balancing revolving wheel with belts during the [illegible] of spindles. [illegible] A.L.[illegible] [illegible] 31 no.7:[illegible] Jl '60.

Determining permissible unbalances in two correction planes. V.A.Shchepetil'nikov. Trudy MIIT no.120 39-52 '60.

Determining the rated unbalance factors for the traction engines of locomotives. V.A.Shchepetil'nikov. Trudy MIIT no.120 5-38 '60.

Effect of car wheel unbalance on the motion of the car truck. V.A.Shchepetil'nikov, V.A.Kamenev [illegible] Trudy MIIT no.120 66-76 '60.

The [illegible] machine for dynamic balancing of rotating parts. [illegible] [illegible] 20 '60.

Recommendations for the preparation of technical specifications for dynamic car wheel balancing. N.N.Krylov. Trudy MIIT no.120 51-65 '60.

BALANSIDRUM COLL [illegible] Alma Ata Province

BALASHIKHA DISTRICT–INSURANCE, SOCIAL

The workers [illegible] no.5 [illegible] My '60.

BALKAN PENINSULA–POLITICS

Lebedev, N.I. [For peace in the Balkans] Za mir na Balkanakh. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 39 p.

[illegible] of the [illegible] of the [illegible] [illegible] [illegible] '60.

BALKHASH–COPPER INDUSTRY

Hidden potentialities for increasing the copper during the processing. [illegible] Tsvet. met. 33 no.7:[illegible] Jl '60.

BALKHASH, LAKE–FISHING BOATS

Supply inland reservoirs with a modern fleet. M.[illegible] Nar.khoz.Kazakh. 10 no.5:70 My '60.

BALKHASH REGION–PARASITES

Formation of the contemporary fauna of parasites in [illegible] A.E.[illegible] [illegible] 181-194 '60.

BALKHASH REGION–ROCKS, IGNEOUS

[illegible] rocks of [illegible] of the Balkhash region. [illegible] no.[illegible] '60.

BALKHASH REGION–STONE CUTTING

Ancient stone sculpture in the northern [illegible] region. [illegible] no.[illegible] Ap '60.

BALKHASHSKIY DISTRICT–[illegible]

[illegible] in the [illegible] part of the Balkhash region. [illegible]

BALL BEARINGS

Improving the precision and the life of [illegible] bearing. [illegible] SNM no.[illegible] '60.

BALL BEARINGS–TESTING

Methods [illegible] '60.

BALLADS, GERMAN

German folk ballads. [illegible] no.[illegible] '60.

BALLAST (RAILROADS)

[illegible] 6 Je '60.

[illegible]

BALLAST (RAILROADS)–TESTING

Use of the X-ray [illegible] of the ballast [illegible] [illegible] no.[illegible] '60.

BALLET

[illegible] Moscow [illegible] White [illegible]

[illegible]

[illegible]

BALLET–STUDY AND TEACHING

[illegible]

BALLET–[illegible]

[illegible]

BALLOONS

[illegible] [illegible] 1960. [illegible]

BALODIS, PETERIS, [illegible]

[illegible]

BALTA–POLICE PATROL

Guardians of law and order. M.[illegible] Agitator no.10:55 My '60.

BALTIC SEA–DEFENSES

[illegible]

The role of [illegible] [illegible] '60.

BALTIC SEA–HYDROLOGY

[illegible]

BALTIC SEA–LIGHTHOUSES

The light of lighthouses. [illegible] no.[illegible] '60.

[illegible] of the Gulf of Riga. [illegible]

BALTIC [illegible]

[illegible]

BALTIC [illegible]–GEOLOGY, STRUCTURAL

[illegible]

BALTIC [illegible]

[illegible]

BALTIC [illegible]

[illegible]

BALTIC [illegible]

[illegible]

BALTIC [illegible]

[illegible]

BALTIC [illegible]

[illegible]

[illegible]

(see also subdivision under Cherkassy Province, Uzhgorod, Zhitomir)

"Accounting and operational technique in the State Bank" Reviewed by M. [illegible], A. Prosvetov. Den. i kred. 18 no.8:88-91 Ag '60.

[illegible] of chief accountants. Den. i kred. 18 no.8: [illegible] Ag '60.

Speeding up the recording of interbranch transmittals. G. Osipov. Den. i kred. 18 no.7:66-67 Jl '60.

Ways to improve accounting operations. V. Rybin. Den. i kred. 18 no.7:53-60 Jl '60.

BANKS AND BANKING—AUDITING AND INSPECTION
(see also subdivision under Crimea)

Improve the organization of follow-up audits of accounting operations. P. [illegible] Den. i kred. 18 no.8:47-48 Ag '60

BANKS AND BANKING, CENTRAL see subdivision under United States

BAPTISTS
(see also subdivision under Yenif' District)

Easter message from the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no.2:[illegible] '60

[illegible] Brat. vest. no.2:76-78 '60.

BAPTISTS—RELATIONS

Christmas greetings to the All-Union Council of Evangelical Christians and Baptists. Brat. vest. no.[illegible] 65-73 '60.

BARABA STEPPE—FLIES

[illegible] of the domestic fly Musca domestica L. under conditions of the Baraba Steppe. I. F. Zhovtyi [illegible] Izv. Irkutsk. gos. nauch.-issl. protivochum. inst. [illegible]

Seasonal course in the number of the population of the domestic fly Musca domestica L. under the conditions of the Baraba Steppe and some of its regularities. I. F. Zhovtyi. Izv. Irkutsk. gos. nauch.-issl. protivochum. inst. [illegible] '60.

BARABINSK—ELECTRIC INDUSTRIES

Standardization in a plant. V. V. Shlykov. Standartizatsiia 24 no.6:45-46 Je '60.

BARBITURIC ACID

[illegible] determination of barbituric [illegible] acids [with summary in English]. [illegible] Zhur. anal. khim. 15 no.[illegible]:240-[illegible]

BARBUSSE, HENRI, 1874-1935

Henri Barbusse and his "Under fire." Leon Moussinac. Inostr. lit. no.8:230-236 Ag '60.

[illegible] Barbusse in defending the [illegible] Vop. ist. [illegible]

BARENTS SEA—EUPHAUSIIDAE

The degree of spatial isolation of the euphausiid populations [illegible] in the Barents Sea. [illegible] Dokl. AN SSSR 133 no.1:[illegible] Jl '60.

BARENTS SEA—GEOLOGY

Klenova, M. V. [Geology of the Barents Sea] Geologiia Barentseva moria. Moskva, Izd-vo Akad. nauk SSSR, 1960. 366 p.

BARENTS SEA—HYDROLOGY

[illegible]

[illegible]—GROUND SQUIRRELS

Fall and winter migrations of the [illegible] no.[illegible] '59

BARITE see subdivision under Madneuli region

BARIUM

[illegible] on the coating of [illegible] A. D. [illegible] V. M. [illegible] no.10:[illegible]

X-ray study of the gastrointestinal tract by [illegible] filling with [illegible] V. G. Polezhaev. Vestn. [illegible] no.6 [illegible] Je '60

BARIUM CARBONATE

[illegible] between BaCO3 with [illegible] N. D. [illegible], E. K. Keler. Zhur. neorg. khim. [illegible] Je '60

BARIUM CHLORIDE

[illegible]

BARIUM CHLORIDE—PHYSIOLOGICAL EFFECT

[illegible] [with summary in English] [illegible] Ag '60

Preparation of crystalline barium and calcium fluorides of high purity. I. I. Angelov, S. I. Khainson. Trudy IREA no.23:10-24 '59.

BARIUM MOLYBDATE

Equilibrium with hydrogen and thermodynamic characteristics of $BaMoO_4$ and $BaMoO_3$. V. I. Lavrent'ev, IA. I. Gerasimov, I. N. [illegible] Dokl. AN SSSR 133 no.2:373-376 Jl '60.

BARIUM PHOSPHOTUNGSTATE

Equilibria in the systems barium phosphotungstates - water. I. A. Nikitina, N. E. Kulakova. Zhur. neorg. khim. 5 no.4:960-977 Ap '60

BARIUM SILICATE

Conditions of the preparation and rates of formation of barium silicates. V. D. Glushkova, E. K. Keler. Zhur. neorg. khim. 5 no.4:882-890 Ap '60

BARKHIN, GRIGORII BORISOVICH, 1880

Architect, teacher, and public-spirited citizen; on G. B. Barkhin's 80th birthday. Arkhit. SSSR no.7:56-57 '60.

BARLEY

Effect of gibberelline on the fermentative activity of germinating barley. [illegible], V. I. Samoilova. Spirt. prom. 26 no.5:20-22 '60.

Nature of the development of the root system of barley on peat soils. A. N. Lotko. Biul. Inst. biol. AN BSSR no.1:146-150 '60.

BARLEY—VARIETIES see subdivision under White Russia

BARNAUL—TEXTILE FACTORIES

Constructing a sponge plant. P. F. Anokhin, V. K. [illegible] Prom. stroi. 38 no.6:10-33 '60

BAROMETER

Investigating the standard combined weight spring and piston barometers. K. I. [illegible] Izm. tekh. no.7: [illegible] Jl '60

BARRELS—STANDARDS

[illegible] plywood barrels. G. I. [illegible], A. [illegible] Standartizatsiia 24 no.7:17-18 Jl '60.

BASAGA REGION—GRANITE

The granitic intrusion of Aktau (central Kazakhstan). M. I. Burakov. Uch. zap. LGU no.291:132-150 '60.

BASAL METABOLISM

Basal metabolism in the aged before and after the action of [illegible] [with summary in English] [illegible] [illegible] My '60

BASE EXCHANGING COMPOUNDS

Yields [illegible] for certain elements on the [illegible] V. P. [illegible], V. S. [illegible] Trudy [illegible] no.11: [illegible] '60

BASEMENTS

[illegible] basements. N. Staren'kov. Pozh. delo 6 no.7: 17-18 Jl '60.

[illegible] moisture in basements [illegible] Zhil.-kom. khoz. 10 no.6 [illegible] '60

BASES (CHEMISTRY)

Synthesis of herbicides. Report No. 4: Catalytic action of organic bases on the formation of esters. V. V. Dovlatian, T. O. Chakrian. Izv. AN Arm. SSR Khim. nauki 13 no.6:417-424 '60.

Thermodynamic properties of electrolytes in nonaqueous solutions. Part 10: Dissociation constants of bases in acetone and in an aqueous solution of 90% acetone [with summary in English]. N. A. Izmailov, T. V. Mozharova. Zhur. fiz. khim. 34 no.7:1543-1552 Jl '60.

BASHKIRIA—ART—STUDY AND TEACHING

Here they learn and appreciate beauty. F. O. Zarudi. [illegible] shkola v sovrem. no.1:80-81 Ja '60

BASHKIRIA—COMMUNIST YOUTH LEAGUE

In order to find a hidden treasure one has to look for it. R. Dashkin, D. Gal'perin. Mol. komm. no.7:66-72 Jl '60

BASHKIRIA—DISABILITY EVALUATION

Story of a claim. P. Semideleva. Sots. obesp. 21 no.6: 30-32 Je '60.

BASHKIRIA—FARM PRODUCE—PRICES

Purchasing prices are an important factor in the development of collective farm production. A. Grekova. Ekon. sel'khoz. [illegible] no.6:76-78 Je '60

BASHKIRIA—INDUSTRIAL HYGIENE

Worker correspondents of the periodical of the All-Union Central Council of Trade Unions "Okhrana truda i sotsial'noe strakhovanie" make a surprise inspection [illegible] Okhr. truda i sots. strakh. 3 no.6:16-20 Je '60.

Results of the intensive development of the layer DII in the Konstantinovskoye field. E. A. Andreev, I. Kh. Sabirov, I. IA. Il'in. Neft. khoz. 38 no.3:39-44 Mr '60.

BASHKIRIA—OIL WELLS—HYDRAULIC FRACTURING

"Economic efficiency of the hydraulic fracturing method" by V. A. Bugrov. Reviewed by I. Ryzhenkov. Neft. khoz. 38 no.6:70-71 Je '60.

BASHKIRIA—PETROLEUM REFINERIES

Rapid construction of petroleum refineries in Bashkiria. I. P. Kuznetsov, A. F. Polak, S. I. Grigor'eva. Prom. stroi. 38 no.6:20-26 '60

BASHKIRIA—PIPELINES—CORROSION

Protecting pipelines from corrosion caused by stray currents. I. M. Sokhchenko, N. I. Popov. Neft. khoz. 38 no.1:60-65 Ja '60.

BASHKIRIA—ROOFS

Constructing composite roofs in Bashkiria. E. Krichevskaia. Zhil. stroi. no.7:21-24 Jl '60.

BASHKIRIA—SOCIAL GROUP WORK

In order to find a hidden treasure one has to look for it. R. Dashkin, D. Gal'perin. Mol. komm. no.7:66-72 Jl '60

BASHKIRIA—STONE AGE

A neolithic stonemason's workshop and a settlement in northeastern Bashkiria. L. IA. Krizhevskaia. Mat. i issl. po arkheol. 79:239-250 '60.

BASHKIRIA—THEATER

A letter from Ufa. S. Antonov. Teatr 21 no.6:147 Je '60

BASIDIOMYCETES see subdivision under Terskey Ala-Tau, Ukraine, Ural Valley

BASKUNCHAK REGION—AMPHIBIA, FOSSIL

Inflectosaurus amplus, a new Triassic trematosaurian. M. A. Shishkin. Paleont. zhur. no.3:130-148 '60.

BATADIENE

Preparation of a butadiene-styrene rubber emulsion in systems containing a modified wood resin soap. V. P. Shatalov and others. Kauch. i rez. 19 no.7:6-9 Jl '60.

BATHOMETER

Use of Orlov's bathometer in measuring turbidity under laboratory conditions. B. M. Levin, N. A. Mikhailova. Trudy MIIT no.107:47-60 '60

BATHROOMS—EQUIPMENT AND SUPPLIES—STANDARDS

The all-Union state standard for semicircular faience and "semichina" lavatories. Biul. stroi. tekh. 17 no.6:17 Je '60

Change in the all-Union state standard for faience and "semichina" lavatories. Biul. stroi. tekh. 17 no.6:20 Je '60

BATHROOMS—STANDARDS

Changes in the State All-Union Standard for faience and semiporcelain wash basins. Vod. i san. tekh. no.8:13 Ag '60

BATHS

Beneficial and harmful effects of sun and water. A. Vasil'ev. Mast. ugl. 9 no.6:30-31 '60.

BATHS, MOOR AND MUD see subdivision under Sary-Bulak (Kazakhstan)

BATHYSCAPHE

Path to the deep ("Conquering the deep" by M. N. Diomidov, A. N. Dmitriev. Reviewed by IU. Poplov). Vokrug sveta no.6:61 Je '60.

BATS see subdivision under White Russia

BATUMI—BOOK SCORPIONS

New species of pseudoscorpion from the Batumi Botanical Garden. D. N. Kobakhidze. Soob. AN Gruz. SSR 24 no.4:465-466 Ap '60.

BAUXITE
(see also subdivision under Kustanay Province; Ural Mountains)

Combined method of a complete processing of high [illegible] and high iron bauxites containing titanium. Ponomarev, L. P. Ni, V. S. Sazhin. TSvet. no.5:44-48 My '60.

BAVARIA—COMMUNISM

Bright chapter in the history of movement ("The Bavarian Sov Poltavskii. Reviewed by D. Sa ist. no.2:188 '60

BAYAN-AUL REGION—MOUNTA

Main orographical features of t central Kazakhstan. G. Z. Popo Kazakh. S. S. R. no.6:209-212 '6

Some epidemiological and clinical peculiarities of plague in the natural mixed focus in the [illegible] District of the Mongolian People's Republic. [illegible] Izv.Irk.gos.nauch.-issl.protivochum.inst. [illegible] '60.

BAYANKOL VALLEY—GEOLOGY, STRATIGRAPHIC
Main stages in the formation of the Bayankol Valley Quaternary period. V.A.Gerasimov. Trudy Inst.geol.nauk AN Kazakh.SSR no.6:100-104 '60.
Scheme of stratigraphic correlation of Quaternary sediments in the Bayankol Valley. V.A.Gerasimov. Trudy Inst.geol.nauk AN Kazakh.SSR no.6:148-[illegible] '60.

BEACH EROSION
Laboratory determination of the resistance of rocks to the action of waves. O.G.Grigor'eva. Trudy GOI no.[illegible]:71-88 '60.

BEADWORK
The Hermitage collection of beadwork by serf artisans of the 18th century. F.IU.Moiseenko. Trudy Gos.Erm. 3:101-110 '59.

BEAR MICE see Marmots

BEARING INDUSTRY see subdivision under Kharkov

BEARING METALS
Efficient procedure for the making of ball bearing steel [with summary in English]. S.G.Voinov. Stal' 20 no.8:718-721 Ag '60.
Improving the quality of roller-bearing steel. N.V.Keis, A.I.Kondrashov. Stal' 20 no.8:757 Ag '60.

BEARINGS (MACHINERY)
Investigating the precision of machining bearing rings on automatic production lines. [illegible] V.I.Sergeev. Trudy Inst.mash.Sem.po toch.v mash.i prib. no.14:70-85 '60.
Khanovich, M.G. [Liquid friction and combined supports] Opory zhidkostnogo treniia i kombinirovannye. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 371 p.
Replacement of sleeve bearings with oil lubrication by bearings with water lubrication. F.V.Trofimov. Prom.energ. 15 no.6:15-16 Je '60.
Tarasov, V.M. [Antifriction bearings used in sawmill and woodworking equipment; handbook] Podshipniki kacheniia, primeniaemye v derevoobrabatyvaiushchem oborudovanii; spravochnik. Moskva, Goslesbumizdat, 1959. 110 p.

BEARINGS (MACHINERY)—MAINTENANCE AND REPAIR
Reconditioning of bearing bushings. V.V.Ivanov. Mashinostroitel' no.7:[illegible] Jl '60.

BEAVERS see subdivision under Lapland Preserve, Neman Valley, Siberia

BEDRETDINOV, KHASAN
Khasan Bedretdinov. [illegible] '60.

BEDS AND BEDSTEADS
Following the suggestion of an efficiency promoter. Prom.koop. 14 no.6:22 Je '60.
Metal beds. S.Kondikov, A.Rotsang. [illegible] no.6:56-57 Je '60.
Polishing of tubing for beds is streamlined. M.Tikhonov. Prom.koop. 14 no.6:10 Je '60.

BEE CULTURE
(see also subdivision under Buryat Mongolia, Kazakhstan)
Bee wearing a girdle. [illegible] Znan.-sila 35 no.7:42-44 Jl '60.

BEE CULTURE—STUDY AND TEACHING
"School circle of young beekeepers" by [illegible] Reviewed by N.P.Gerasimov. Biol.v shkole no.4:93-95 Jl-Ag '60.

BEES
(see also subdivision under Ukraine)
Formicapis Sladen, a holarctic bee genus (Hymenoptera, Megachilidae) [with summary in English]. V.V.Popov. Zool.zhur. 39 no.7:1014-1019 Jl '60.

BEETHOVEN, LUDWIG VAN, 1770-1827
"The life of Beethoven" by Edouard Herriot. Reviewed by [illegible] '60.

BEETS
Experiments in the study of biennial plants. [illegible] Biol.v shkole no.3:21-29 My-Je '60.

BEHAVIOR see Conduct of life

BELAYA VALLEY (KRASNODAR TERRITORY)—BRACHIOPODA, FOSSIL
A new subfamily of lower Cretaceous dallinids. [illegible] Paleont.zhur. no.2:[illegible]-140 '60.

BELEMNITES see subdivision under United States

BELGIUM—COMMUNICATION
New materials on the press, radio, television, and motion pictures in Belgium ("Techniques of mass communication", No.1 [in French]. Reviewed by A.I.Volkov). Vest.Mosk.un.Ser.7:Filol.,zhur. 15 no.3:86-87 My-Je '60.

BELGIUM—FOREIGN RELATIONS—CONGO, REPUBLIC OF
Hypocrisy. Nov.vrem. 18 no.31:15 Jl '60.

BELGIUM—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
They fought in Belgium. [illegible] '60.

BELGOROD—BOILER MAKERS—TECHNOLOGICAL INNOVATIONS
[illegible] Ap '60.

BELGOROD PROVINCE—CHALK
[illegible]

BELGOROD PROVINCE—POLYZOA, FOSSIL
[illegible] of the Kursk Magnetic Anomaly [illegible] Paleont.zhur. [illegible] '60.

BELGOROD PROVINCE—[illegible]
[illegible]

BELGOROD PROVINCE—SUGAR BEETS
For the complete mechanization of [illegible] '60.

BELGOROD PROVINCE—SUGAR INDUSTRY
[illegible]
[illegible] the Belgorod Province [illegible]

BELGOROD PROVINCE—SUGAR MANUFACTURE
[illegible] '60.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848
How V.G.Belinskii [illegible]

BEL[illegible] see subdivision under [illegible]

BELOUSOVKA—[illegible]
Lead removal from the copper [illegible] Belousovka Plant [illegible] T.F.Apresov [illegible]

BELTS AND BELTING
Effect of the elastic slip on the wear of a belt [illegible]
Investigating the dynamics of a drive with elastic transmission. [illegible] Trudy MIIT [illegible] 87 '60.
Investigating tractive properties of [illegible] Vest.mash. [illegible] Jl '60.

BELYAEVKA DISTRICT—TREMATODA
[illegible]

BELYAEVKA DISTRICT—WORMS, INTESTINAL AND PARASITIC
Studying the helminth fauna [illegible] '60.

BENCH MARKS
Setting bench marks [illegible]

BENDERY—FOOD PROVISIONS
[illegible]

BENOIS, ALEXANDER, 1870-1960
[illegible]

BENTHOS see subdivision under Caspian Sea, [illegible] Onega, Lake, Pacific Ocean

BENZALDEHYDE
Synthesis of acetals of 2,6-dimethyl-[illegible]benzaldehyde. I.N.Nazarov, [illegible] Zhur.ob.khim. 30 no.7:[illegible] Jl '60.

[illegible]

mono- and di-N-substituted amides of 2-benzofurancarboxylic acid, and their reduction with lithium aluminum hydride. A.L. Mndzhoian, M.A. Kaldrikian. Izv. AN Arm.SSR Khim.nauki 13 no.1:55-61 '60

BENZOIC ACID

Reactions of ditertiary butyl peroxide with mercurous and mercuric acetates, with mercuric benzoate, and with metallic mercury. IU.A. Ol'dekop, M.M. Azanovskaia. Zhur.ob.khim. 30 no.7:2201-2204 Jl '60.

BENZOIC ACID—SPECTRA

Effect of concentration on the phosphorescence spectra of solutions of sulphobenzoic acid at low temperatures. P.A. Teplakov. Izv.vys.ucheb.zav.;fiz. no.3:87-92 '60.

BENZOPHENONE

Synthesis of some 2-hydroxy-4-alkoxybenzophenones. N.A. Larin, P.N. Matveeva, V.S. Smirnova. Zhur.ob.khim. 30 no.7:2377-2379 Jl '60.

BENZOQUINONE

Quinones. Part 31: Condensation of p-quinones with acetylacetone imines. A.N. Grinev and others. Zhur.ob.khim. 30 no.7:2311-2316 Jl '60.

BERCHOGUR DISTRICT—RAILROADS—MAINTENANCE AND REPAIR

Fifty years on the track. A.G. Sidenin. Put' i put.khoz. 4 no.7:10-11 Jl '60

BERCHOGUR REGION—BRACHIOPODA, FOSSIL

Spiriferidae from Tournaisian deposits of Berchogur (Mugodzhary). E.A. Balashova. Vop.paleont. 3:92-131 '60.

BERDYANSK—LABOR AND LABORING CLASSES—MEDICAL CARE

Reorganization of medical service for industrial workers. I.I. Gerdik, V. Komarenko. Vrach.delo no.7:104-106 Jl '60.

BEREGOVO REGION—MICROCLIMATOLOGY

Distribution of minimum temperatures in different weather as exemplified by the Beregovo State Viticultural Farm. A.A. Vil'kens. Trudy UkrNIGMI no.18:83-90 '59.

BEREZAN' ISLAND—COINS, ANCIENT

Coins from Berezan' Island. P.O. Karyshkovskii. Krat. soob.Inst.arkheol AN URSR no.9:85-89 '60.

BEREZAN' ISLAND—POTTERY, GREEK

[illegible] pottery from Berezan' Island. V.M. Skudnova. Sov.arkheol. 4 no.2:103-107 '60.

BEREZKO, GEORGII SERGEEVICH, 1905-

The joy of getting to know ("Stronger than the atom" by Georgii Berezko. Reviewed by A. Makarov). Ogonek 38 no.22:11 My '60

BEREZOVKA DISTRICT (ODESSA PROVINCE)—COLLECTIVE FARMS

To-day in the village of Runavet. I. Rafanova, M. Osetskii. Zdorov'e 6 no.6:16-17 Je '60

BEREZOVO (CHITA PROVINCE)—PARASITES—RODENTIA

Flea parasites of rodents in the Nerchinsk forest steppe. I.P. Shvedko. Izv.Irk.gos.nauch.-issl.protivochum. inst. 17:47-51 '58.

BEREZOVO REGION (TYUMEN PROVINCE)—GAS, NATURAL—GEOLOGY

Anisimov, V.V., and others. [Berezovo gas-bearing region] Berezovskii gazonosnyi raion. Pod red. V.G. Vasil'eva. Moskva, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 60 p.

BERG, OL'GA

Three careers. IUrii Aliianskii. Teatr 21 no.7:168-170 Jl '60.

BERGENIA

Use of a water-alcohol extract from the root of Bergenia crassifolia in acute bacillary dysentery. M.S. Kalinin. Kaz.med.zhur. 40 no.5:119-120 S-O '59.

BERING SEA—ALGAE

Qualitative composition of phytoplankton in the Bering Sea. G.I. Semina. Bot.mat.Otd.spor.rast. 13:35-43 '60.

BERING SEA—TEMPERATURE

Calculating the heat balance of the Bering Sea. A.M. Batalin. Trudy Okean.kom. 7:34-40 '60.

BERLIN—CITY PLANNING

Designs submitted in the competition for reconstructing the center of Berlin. M.I. Vasilevskii. Stroi.i arkhit. Len. 24 no.6:29-30 '60.

BERLIN—ZOOLOGICAL GARDENS

Berlin Zoo. M. Gruner. Priroda 49 no.7:100-105 Jl '60.

ist.zhur. 2 no.5:42-51 My '60

In the smoke-filled skies of Berlin. A. Fedorov. Kryl. rod. 11 no.5:4-5 My '60

Operation that accomplished the defeat of Fascist Germany. V. Kuznetsov. Voen.ist.zhur. 2 no.5:26-41 My '60

BERLIN QUESTION (1945-)

West Berlin as it is... ("West Berlin"; a handbook on the West Berlin question [in German] by Prof. P.A. Steiniger. Reviewed by A. Bel'skaia). Novyi mir 36 no.7:274-276 Jl '60

BERSIER, EUGENE ARTHUR FRANCOIS, 1831-1889

A great announcer of the Gospel and promoter of peace. Brat.vest. no.2:30-39 '60.

BERYLLIUM

Developments in the beryllium industry in capitalist countries; review of foreign publications. V.D. Andreev. TSvet.met. 33 no.5:93-94 My '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.

No.30. Beus, A.A. [Beryllium] Berillii. Nauchn. red. I.S. Stepanov. 1959. 35 p.

Phase diagram for the system zirconium - beryllium. V.S. Emel'ianov and others. Atom.energ. 9 no.1:33-38 Jl '60.

Production of beryllium in the capitalist countries. A. Ianin, G. Arof'ev. Atom.energ. 9 no.1:70-71 Jl '60

BERYLLIUM—ANALYSIS

Radioactivation method of determining beryllium in mineral raw materials and hydrometallurgy products [with summary in English]. Kh.B. Mezhiborskaia. Zhur.anal.khim. 15 no.3:281-286 My-Je '60.

Spectral method of determining lithium and beryllium in prospecting for their deposits [with summary in English]. O.F. Chesnokov. Zhur.anal.khim. 15 no.3:362-363 My-Je '60.

BERYLLIUM—ISOTOPES

Determining spins and parity levels from inelastic scattering and "pickup" reactions on Be^9. O.F. Nemets and others. Izv.AN SSSR Ser.fiz. 24 no.7:856-861 Jl '60.

Structure of the Be^9 nucleus [with summary in English]. I.Sh. Vashakidze and others. Zhur.eksp.i teor.fiz. 38 no.3:936-941 Mr '60

BERYLLIUM—TOXICOLOGY

Case of beryllium pneumosclerosis. V.G. Piskunova, I.S. Ostrovskaia. Vrach.delo no.7:97-99 Jl '60.

BERYLLIUM BORIDE

Chemical resistance of beryllium borides to oxygen, nitrogen, and carbon at high temperatures. G.S. Markevich, L.IA. Markovskii. Zhur.prikl.khim. 33 no.5:1008-1012 My '60.

BERYLLIUM-BORON ALLOYS

Determination of softening temperatures in the system beryllium - boron in the beryllium-rich region. L.IA. Markovskii, G.S. Markevich. Zhur.prikl.khim. 33 no.7:1667-1669 Jl '60

BERYLLIUM COMPOUNDS

Solubility in the system beryllium bromide dietherate - ether. N.IA. Turova, A.V. Novoselova, K.N. Semenenko. Zhur.neorg.khim. 5 no.4:941-944 Ap '60.

BERYLLIUM FLUORIDE—SPECTRA

Vibration spectrum of vitreous beryllium fluoride [with summary in English]. V.V. Obukhov-Denisov and others. Zhur.fiz.khim. 34 no.7:1622-1624 Jl '60.

BERYLLIUM OXIDE

Interaction in the system BeO - SiO_2. P.N. Laupova, E.K. Keler. Zhur.neorg.khim. 5 no.5:1126-1131 My '60

Systems BeO - Sm_2O_3 and BeO - Gd_2O_3. S.G. Tresviatskii, V.I. Kushakovskii, V.S. Belevantsev. Atom.energ. 9 no.1:64-65 Jl '60

BERYLLIUM SULFATE

Fusibility in the system Li_2SO_4 - $BeSO_4$ - H_2O at 75°. I.I. Bosik, O.I. Vorob'eva, A.V. Novoselova. Zhur.neorg.khim. 5 no.5:1174-1175 My '60.

System Li_2SO_4 - $BeSO_4$ - H_2O at 25°. I.I. Bosik, O.I. Vorob'eva, A.V. Novoselova. Zhur.neorg.khim. 5 no.5:1157-1162 My '60.

BESHIDAG MOUNTAIN (AGDAM DISTRICT)—TEMPLES

Monuments of Caucasian Albania on Beshidag Mountain. Z.I. IAmpol'skii. Sov.arkheol. 4 no.2:246-250 '60.

BESSARABIA—PEASANT UPRISINGS

Henri Barbusse in defending the Tatarbunary rebels. I. Mudrik, O. Semenovskii. Vop.lit. 4 no.8:124-131 Ag '60.

Mastering the making of new brands of steel in acid converters. S.T. Zaikov, P.IA. Kravtsov, S.I. Lifshits. Metallurg 5 no.8:15 Ag '60.

Revival of the converter. A.S. Fedorov. Tekh.mol. 28 no.5:1-3 '60.

Use of electronic computers in automatic control of the bessemer process. V.M. Glushkov, L.N. Dashevskii, A.I. Nikitin. Avtom.i telem. 21 no.6:877-883 Je '60.

Vanadium removal from iron inside the converter by blowing-in pulverized oxidizers [with summary in English]. A.N. Lekontsev. Stal' 20 no.8:701-703 Ag '60.

BESSEMER PROCESS—QUALITY CONTROL

Quality of oxygen-blown rimmed steel produced in converters [with summary in English]. A.P. Guliaev, A.A. Mitrofanov, M.A. Volkova. Stal' 20 no.8:741-745 Ag '60.

BET-PAK-DALA—GERBILS

Types of colonies of the greater gerbil (Rhombomys opimus Licht.) in the Bet-Pak-Dala and their epizootiological significance. M.I. Ismagilov. Trudy Inst.zool. AN Kazakh SSR 13:54-66 '60

BET-PAK-DALA—GRANITE

Petrography of vein granites in Devonian intrusions of Bet-Pak-Dala (Kazakhstan). S.V. Efremova. Trudy IGEM no.27:160-180 '60.

BET-PAK-DALA—SAIGA

Some data on the development of the fetus of saigas. I.A. Chagirov, L.D. Litvinova. Trudy Inst.zool. AN Kazakh. SSR 13:111-124 '60.

BETA RAYS

Alikhanov, A.I. [Weak interactions; recent investigations of beta decay] Slabye vzaimodeistviia; noveishie issledovaniia β-raspada. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 143 p. (Sovremennye problemy fiziki)

Connection between the polarization of β-electrons and the form of the β-spectrum [with summary in English]. B.V. Geshkenbein, A.P. Rudik. Zhur.eksp.i teor.fiz. 38 no.6:1894-1895 Je '60.

Internal bremsstrahlung in β-decay of polarized nuclei [with summary in English]. Ch'ing Ch'eng-jui, F. Janouch. Zhur.eksp.i teor.fiz. 38 no.3:948-951 Mr '60

Investigation of the polarization of internal conversion electrons following β-decay of heavy elements [with summary in English]. M.E. Vishnevskii and others. Zhur.eksp.i teor.fiz. 38 no.5:1424-1429 My '60.

Radiometric method of measuring the thickness of coatings. T.M. Khrenkova. Zav.lab. 26 no.7:833-835 '60

Rapid method of determining the ash content of coal, based on the reflection of β-radiation. R.A. Ikovskii. Zav.lab. 26 no.7:842 '60.

BETA RAYS—DECAY

Dzhelepov, B.S., and G.F. Granitsyna. [Systematics of β-disintegration energies] Sistematika energii β-raspada. Moskva, Izd-vo Akad.nauk SSSR, 1960. 60 p. (Svoistva atomnykh iader, no.3).

Effect of deformation of the nucleus on the electron wave functions. Application to β-decay [with summary in English]. R. Vainer, Kh. IUsim. Zhur.eksp.i teor.fiz. 38 no.3:870-876 Mr '60

BETA RAYS—MEASUREMENT

Using end-window counters for measuring low-level beta radiation. T.I. Dmitrievskaia, V.V. Kravtsev, N.E. TSvetaeva. Prib.i tekh.eksp. no.2:38-40 Mr-Ap '60

BETINO—LIBRARIES—ACCESSIONS

"The great Boborykin." Sergei L'vov. Vop.lit. 4 no.8:239-240 Ag '60.

BHILAI, INDIA—METALLURGICAL PLANTS—AIR CONDITIONING

Operation of central air conditioners in case of adiabatic regimes under climatic conditions prevailing in the village of Bhilai. O.IA. Kokorin, S.F. Chistiakov. Vod.i san.tekh. no.7:31-34 Je '60.

BIBIKOV, DAMIAN NIKOLAEVICH, 1905-1956

D.N. Bibikov; obituary. Izv.VNIIG 58:233-234 '58.

BIBLE—HISTORIOGRAPHY

Voropaeva, K.L. ["Sacred books" and who wrote them] "Sviashchennye knigi" i kto ikh napisal. [Leningrad] Lenizdat, 1959. 69 p. (Bibliotechka ateista)

BIBLE—VERSIONS

Pomazanskii, M. [Dangerous undertaking; on the replacement of the existing Russian text of the sacred writings of the New Testament by a new translation] Opasnoe nachinanie; o zamene imeiushchagosia russkago teksta sviashchennago pisaniia Novago Zaveta novym perevodom. Jordanville, N.Y. Holy Trinity Monastery, 1954. 21 p.
(CLU)

BIBLE, MANUSCRIPTS

Bible manuscripts. Brat.vest. no.2:57-64 '60.

[illegible] '60, index Ja-Mr '60.

[Book chronicle.] Knizhnaia letopis' nos.33-34 '60.

[Book chronicle.] Knizhnaia letopis' nos.35-36 '60.

Bookshelf. Sem'ia i shkola 15 no.6:40 Je '60.

Brief book reviews. Novyi mir 36 no.6:263-265 Je '60.

Brief book reviews. Novyi mir 36 no.7:263-266 Jl '60.

Brief book reviews. Sov.Ukr. 10 no.7:188-191 Jl '60.

Brief book reviews. Sov.Ukr. 10 no.8:187-191 Ag '60.

Brief news. Sov.bibl. no.3:165-167 '60.

Exhibit of scientific literature issued by the Publishing House of the Hungarian Academy of Sciences. Vest. AN SSSR 30 no.7:88-89 Jl '60.

The 50 best designed and printed Soviet books published in 1959. Polig. proizv. no.6:6-8 Je '60.

In educational periodicals. Rad. shk. 30 no.7:94-95 Jl '60.

[Information index of bibliographical lists and card files.] Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek nos.14-15 Jl-Ag '60.

The Moscow Library Institute's methodological manuals for courses in bibliography ("Technical bibliography" by M.A.Andreeva, M.K.Heimanova; "Bibliography of social-economic and political literature" by G.P.Lomonos; "Bibliography of belles-lettres and literary criticism" by N.A.Trofimkov). Reviewed by L.I.Kolomiichenko, I.I.Korsunchik, V.D.Markushova. Sov.bibl. no.3:130-133 '60.

New books. Dop.AN URSR no.3:412-415 '60.

New books. Dop.AN URSR no.4:580-582 '60.

New books. Dop.AN URSR no.5:710-711 '60.

[New books.] Novye knigi nos.31-33 Ag '60.

[New books.] Novye knigi no.35 Ag '60.

New books. Novyi mir 36 no.6:266-268 Je '60.

New books. Novyi mir 36 no.7:267-268 Jl '60.

New books. Part.zhizn' no.14:77 Jl '60.

New books. Rad.shk. 39 no.7:94 Jl '60.

New books. Sots.kul't. 11 no.6:47 Je '60.

New books. Vest.AN SSSR 30 no.7:130-136 Jl '60.

New books; brief annotations of publications of the Academy of Sciences of the Kazakh S.S.R. Vest.AN Kazakh.SSR 16 no.5:95-96 My '60.

New books published by Moscow University. Vest.Mosk. un. Ser.ekon.,filos.,prava 15 no.2:103-104 '60.

[New literature on science and research abroad.] Nov. lit.o nauke i nauch. inst.tab.za rub. no.4 '60.

[New literature on science and research abroad.] Nov. lit.po nauke i nauch. inst.tab.za rub. no.5 '60.

New publications. Nauka i zhizn' 27 no.5:76 My '60.

New publications. Nauka i zhizn' 27 no.6:76 Je '60.

New publications. Nauka i zhizn' 27 no.7:76 Jl '60.

[New Soviet literature on science and general research in the U.S.S.R.] Nov.sov.lit.o nauke i nauch.-issl. rab.v SSSR nos.4-5 '60.

Recommended subjects and literature for political talks in April. Blok.agit. [Len.] no.6:46 3 of cover Mr '60.

Recommended subjects and literature for political talks in May. Blok.agit. [Len.] no.11:39-40 My '60.

Recommended subjects and literature for political talks in June. Blok.agit.[Len.] no.15:47 3 of cover My '60.

Recommended subjects and literature for political talks in July. Blok.agit. [Len.] no.18:40 3 of cover Je '60.

What you should know about the development of industry. V pom.uchit. no.16:3-4 '60.

BIBLIOGRAPHY—ACCOUNTING

Bookshelf. Den.i kred. 18 no.7:93-95 Jl '60.

BIBLIOGRAPHY—AERONAUTICS

New books. Kryl.rod. 11 no.5:20 My '60.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov.sov.i inostr.lit.po stran.zarub. Vost. no.5 '60.

BIBLIOGRAPHY—AGRICULTURE

Agricultural bibliography as an aid to the fulfillment of the seven year plan. I.P.Bogomolets. Sov.bibl. no.3:41-46 '60.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.Ser.V 4 no.6:3-63 Je '60.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.Ser.V 4 no.7:3-30 Jl '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki nos.21-22 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.23 '60.

knigi za rub.,Ser.V 4 no.6:90-93 Je '60.

List of books on agriculture received by the Central Scientific Library (TsNBSKhN) during May 1960. Nov. knigi za rub.,Ser.V 4 no.7:94-100 Jl '60.

List of books on biology, medicine, and agriculture received by the All Union State Library of Foreign Literature (VGBIL) during March 1960. Nov.knigi za rub. Ser.V 4 no.6:81-89 Je '60.

BIBLIOGRAPHY—AIRPLANES—MAINTENANCE AND REPAIR

Published by the State Defense Publishing House. Vest. Vozd.Fl. no.7:88-89 Jl '60.

BIBLIOGRAPHY—ANNIVERSARIES

Kiev. Derzhavna respublikans'ka biblioteka URSR imeni KPRS. [Calendar of remarkable and memorable dates for the second quarter of 1960; bibliographical materials for librarians] Kalendar znamennykh i pam'iatnykh dat na 2 kvartal 1960 roku; metodychni bibliohrafichni materialy na dopomohu bibliotekariu. Kyiv, Derzh.vyd-vo polit.lit-ry URSR, 1960. 64 p.

BIBLIOGRAPHY—ANTARCTIC REGIONS

Bibliography. Inform.biul.Sov.antark.eksp. no.16: 46-47 '60.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov.inostr.lit.po ist.,arkheol.i etn. no.5 '60.

New index of Soviet archaeological literature (Soviet archaeological literature; bibliography, 1941-1957). Reviewed by N.M.Chernyshova. Ist.SSSR 4 no.3:150-151 My-Je '60.

BIBLIOGRAPHY—ARCTIC REGIONS

"Arctic bibliography" of the Arctic Institute of North America. Reviewed by Z.H.Romanovich. Probl.Arkt. i Antarkt. no.1:121-124 '59.

Captains discoverers. L.Koshin. Vokrug sveta no.6: 63 Je '60.

BIBLIOGRAPHY—ART

Leningrad. Publichnaia biblioteka. [What to read about art] Chto chitat' ob iskusstve. Leningrad, 1959. 24 p. (Chto chitat' po kommunisticheskomu) [illegible]

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East.] Nov.sov.i inostr.lit.po stran.zarub. Vost. no.5 '60.

BIBLIOGRAPHY—ASTRONAUTICS

Leningrad. Publichnaia biblioteka. [illegible] Pokorenie kosmosa. Leningrad, 1960. 14 p. (Chto chitat' po kommunisticheskomu) [illegible]

BIBLIOGRAPHY—ATOMIC ENERGY

Annotated list of books published [illegible] by the Publishing House for Atomic Literature. Nov. knigi za rub.,Ser.A [illegible] Jl '60.

New literature. Atom.energ. [illegible] Jl '60.

BIBLIOGRAPHY—AUTOMATIC CONTROL

[illegible]

List of the principal scientific works of IA.Z.Tsypkin. Avtom.i telem. 21 no.5:VI-VIII My '60.

BIBLIOGRAPHY—AUTOMOBILE ENGINEERING

New books. Avt.prom. no.7:46-47 Jl '60.

New books. Avt.transp. 38 no.7:63 Jl '60.

BIBLIOGRAPHY—BIOLOGY

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.,Ser.V 4 no.6:3-63 Je '60.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.,Ser.V 4 no.7:3-30 Jl '60.

Defense of dissertations. Izv.AN SSSR.Ser.biol. no.2: 284 '60.

Defense of dissertations in the Division of Biological Sciences. Vest.AN Kazakh.SSR 16 no.4:90 Ap '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki nos.21-22 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no.23 '60.

List of books on biology, medicine, and agriculture received by the All Union State Library of Foreign Literature (VGBIL) during March 1960. Nov.knigi za rub., Ser.V 4 no.6:84-89 Je '60.

List of books on biology, medicine, and agriculture received by the All Union State Library of Foreign Literature (VGBIL) during May 1960. Nov.knigi za rub.,Ser.V 4 no.7:70-91 Jl '60.

[illegible] no.4:83-200 '60.

[illegible] plan for the publication of scientific and [illegible] literature by the State Publishing House [illegible] for 1961-1965 [illegible] My-Je '60.

BIBLIOGRAPHY—BOAT BUILDING

[illegible] Je '60.

BIBLIOGRAPHY—BOOKS AND READING

[illegible]

BIBLIOGRAPHY—BUILDING

[illegible]

[illegible] of technical [illegible]

[illegible] of technical [illegible]

[illegible] no.8:10-23 Ag '60.

[illegible] 33 no.7:52 Jl '60.

[illegible] Ap '60.

[illegible] My '60.

[illegible] Jl '60.

[illegible] Je '60.

BIBLIOGRAPHY—BUILDING MACHINERY

New books. [illegible] no.7:3 of cover Jl '60.

BIBLIOGRAPHY—BULGARIA

[New literature on the [illegible]] [illegible]

BIBLIOGRAPHY—CAPITALISM

[illegible]

BIBLIOGRAPHY—CARTOGRAPHY

[illegible] My '60.

[illegible] Je '60.

BIBLIOGRAPHY—[illegible]

[illegible]

BIBLIOGRAPHY—[illegible]

[illegible] 1957, [illegible] 1958, 124 p.

BIBLIOGRAPHY—CHEMISTRY

[illegible]

[illegible] Ap '60.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

New books. [illegible]

BIBLIOGRAPHY—CHEMISTRY, PHYSICAL AND THEORETICAL

[illegible]

BIBLIOGRAPHY—CHILDREN'S LITERATURE

[illegible] Jl '60.

[illegible]

[illegible] Jl '60.

[illegible]

BIBLIOGRAPHY—COAL MINES AND MINING

[illegible] Je '60.

New books. [illegible]

BIBLIOGRAPHY—COKE INDUSTRY

Bibliography. Koks i khim. no. 5 of cover 60.

Bibliography. Koks i khim. no. 7'3 of cover '60.

BIBLIOGRAPHY—COLONIES

Valuable bibliographical index ("Desintegration of the colonial system of imperialism, an index of recommended literature" by A. A. Popov. Book review). Polit. samoobr. 4 no. 5·122 My '60.

BIBLIOGRAPHY—COMMERCE

New books of the State Publishing House of Trade Literature. Sov. torg. 33 no 6:78 Je '60.

BIBLIOGRAPHY—COMMUNISM

When we read a book on communism A. Loginov Kommunist 37 no 12 111-118 Ag '60

BIBLIOGRAPHY—COMMUNIST EDUCATION

Communist education of the workers. V pom chit. no 16:35-38 '60.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Communist Party, the leader of the Soviet people. V pom. chit. no 16 27-20 '60.

Documents and articles on the history of the Communist Party of the Soviet Union published in journals, "uchenye zapiski" and "trudy," March-April 1060 Vop. ist. KPSS 4 no. 4 209-218 '60.

Greeting the plenum of the Central Committee of the CPSU. Kal. znam. i pam. dat 5 no. 7.4-5 Jl '60.

A list of dissertation on the history of the CPSU. Vop. ist. KPSS 4 no 1:234-236 '60.

BIBLIOGRAPHY—CONCRETE

Literature on plain and reinforced concrete. Bet. i zhel-bet. no. 6:292a-b Je '60.

Literature on plain and reinforced concrete. Bet. i zhel.-bel. no. 7:340a-340b Jl '60.

BIBLIOGRAPHY—CORN (MAIZE)

Corn leads the way to plenty. N. Efimov. Chto chitat' 3 no. 7:12-13 Jl '60.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on European people's democracies and Slavic studies: Czechoslovakia.] Nov. lit. po evrop. stran. nar. dem. i slav : Chekh. nos. 4-5 '60.

BIBLIOGRAPHY—DERMATOLOGY

Gilman, S. M. [Bibliographic index of Soviet dermatology and venereology for 1946-1950] Bibliograficheskii ukazatel' sovetskoi dermatologii i venerologii za 1946-1950 gg. Moskva, Gos. izd-vo med. lit-ry.
Vol. 3, Book 2. 1958. 308 p.

BIBLIOGRAPHY—DISSERTATIONS, ACADEMIC

Moscow. Publichnaia biblioteka. [Catalog of candidate and doctoral dissertations received by the Lenin Library and the State Central Medical Library during the first quarter of 1960] Katalog kandidatskikh i doktorskikh dissertatsii, postupivshikh v biblioteku imeni V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 1-m kvartale 1960 goda. Moskva, 1960. 195 p.

Moscow. Publichnaia biblioteka. [Catalog of candidates' dissertations accessioned by the Moscow Public Library] Katalog kandidatskikh dissertatsii, postupivshikh v Biblioteku imeni V. I. Lenina. Moskva, 1956. 1 v.
(NNC)

BIBLIOGRAPHY—EARTH

What do you know about the inner structure of the earth? E. Shishkin. Chto chitat' 3 no. 7:7 Jl '60.

BIBLIOGRAPHY—ECONOMICS

Moscow. Publichnaia biblioteka. [What to read in political economy; recommended list of literature] Chto chitat' po politicheskoi ekonomii; rekomendatel'nyi ukazatel' literatury. Moskva, (Biblioteka samoobrazovaniia)
Book 2. [Socialism] Sotsializm. 1960. 94 p.

[New books abroad on social sciences; economics, philosophy, history.] Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia 3 no. 7 Jl '60.

[New foreign economic literature.] Nov. inostr. ekon. lit. no. 5 '60.

BIBLIOGRAPHY—EDUCATION

Bookshelf. Nar. obr. no. 7:120, 124 Jl '60.

Literature for the schools for working and rural youth. Obshcheobr. shkola vzrosl. no. 1:92-93 Ja-F '60.

Moscow. Gosudarstvennaia biblioteka po narodnomu obrazovaniiu. [Bibliography of publications of the Academy of Pedagogical Sciences of the R. S. F. S. R. during 1958] Bibliografiia izdanii Akademii pedagogicheskikh nauk RSFSR za 1958 god. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 94 p.

Proposed publication plan of the State Publishing House for Pedagogical Literature for 1960-1965. Obshcheobr. shkola vzrosl. no. 1:93-95 Ja-F '60.

BIBLIOGRAPHY—ELECTRIC LIGHTING

Through the pages of foreign magazines. Svetotekhnika 6 no 6·31 Je '60

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electrical equipment of ships. Sudostroenie 26 no. 6·32 Je '60.

Electrical equipment on ships. Sudostroenie no. 7·35 Jl '60.

BIBLIOGRAPHY—ELECTRONICS

New books. Radiotekhnika 15 no. 6·3 of cover Je '60

New books. Radiotekhnika 15 no. 7:80 Jl '60.

BIBLIOGRAPHY—ENGINEERING

List of books on engineering received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U.S.S R during March 1960. Nov. knigi za rub. Ser. B 4 no. 6:148-163 Jl '60.

List of books on engineering received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U.S.S.R. Nov. knigi za rub. Ser. B 4 no. 7 143-152 Jl '60.

BIBLIOGRAPHY—ESTONIA

Estonian S.S.R. Kal. znam. i pam. dat 5 no. 7:34-38 Jl '60.

BIBLIOGRAPHY—ESTONIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

Singers of the Estonian land. Juhan Smuul. Chto chitat' 3 no. 7 20-21 Jl '60.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr lit po ist., arkheol. i etn. no. 6 '60.

BIBLIOGRAPHY—FINANCE

Bookshelf. Den. i kred. 18 no. 7:93-95 Jl '60.

Bookshelf. Den. i kred. 18 no. 8:91 Ag '60.

BIBLIOGRAPHY—FISHING

From the amateur fisherman. V. Pel't. Chto chitat' 3 no. 7.8-9 Jl '60.

BIBLIOGRAPHY—FOUNDATIONS

Works on soil mechanics and foundation engineering published in 1959 and 1960. Osn., fund. i mekh. grun. 2 no. 3.3 of cover '60.

Works on soil mechanics and foundation engineering published in 1959-1960. Osn., fund. i mekh. grun. 2 no. 4: 32-3 of cover '60.

BIBLIOGRAPHY—FOUNDING

New books on founding. Lit. proizv. no. 7'3 of cover Je '60.

BIBLIOGRAPHY—GAFURI, MAZHIT, pseud.

M. Gafuri. Kal. znam. i pam. dat 5 no. 8:4-6 Ag '60.

BIBLIOGRAPHY—GEOGRAPHY

From new geographical literature; second half of 1959. Vest. Mosk. un. Ser. 5:Geog. 15 no. 3:78-80 My-Je '60.

BIBLIOGRAPHY—HEAT ENGINEERING

New books. Teploenergetika 7 no. 7:95-96 Jl '60.

BIBLIOGRAPHY—HELMINTHOLOGY

Dissertations defended by the scientific workers, candidates to the doctor's degree, and research students of the Helminthological Laboratory of the Academy of Sciences of the U.S.S.R. since its foundation in 1042. Trudy Gel'm. lab. 10·254-256 '60.

BIBLIOGRAPHY—HISTORY

Annotations. Nov. i noveish. ist. no. 2:101-102 '60.

[New books abroad on social sciences; economics, philosophy, history.] Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia 3 no. 7 Jl '60.

[New foreign literature on history, archaeology, and ethnography.] Nov. inostr. lit. po ist., arkheol. i etn. no. 5 '60

BIBLIOGRAPHY—HUNGARY

[New literature on European people's democracies: Hungary.] Nov. lit. po evrop. stran. nar. dem. : Veng. no. 5 '60.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING

From the pages of foreign periodicals. Gidr. stroi. 30 no. 6:52-57 Je '60.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and oceanography for 1959 (continuation). Meteor. i gidrol. no 7·51-55 Jl '60

BIBLIOGRAPHY—INDONESIA

Republic of Indonesia. Kal. znam. i pam. dat. 5 no. 8: 28-31 Ag '60.

BIBLIOGRAPHY—INDUSTRIAL HYGIENE

Get acquainted with these books. Okhr. truda i sots. strakh. 3 no. 6.79-80 Je '60.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Learn how to manage! S. Strumilin. Chto chitat' 3 no. 7 11 Jl '60.

BIBLIOGRAPHY—INLAND WATER TRANSPORTATION

New books. Rech. transp. 19 no. 5'3 of cover My '60.

BIBLIOGRAPHY—INSTRUMENTS

Articles from periodicals. Priborostroenie no. 7·3 of cover Jl '60.

New books. Priborostroenie no. 7·32-3 of cover Jl '60.

BIBLIOGRAPHY—KOREA, NORTH

Korean People's Democratic Republic. Kal znam i pam dat. 5 no. 8:24-27 Ag '60

BIBLIOGRAPHY—KRASNOYARSK TERRITORY

Uvachan, V. N., comp. [The Yenisey north; bibliography] Eniseiskii Sever, bibliograficheskii ukazatel'. Krasnoiarsk, Krasnoiarskaia kraevaia biblioteka, 1959. 131 p.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Moscow. Nauchno-issledovatel'skii institut truda. [Labor and wages; bibliographical index of literature published in Russian in the U.S.S.R. in 1958] Trud i zarabotnaia plata; bibliograficheskii ukazatel' literatury, izdannoi v SSSR na russkom iazyke v 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 221 p. (Nauchnaia biblioteka)

BIBILIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics.] Nov. inostr. lit. po iaz. no. 5 '60.

[New Soviet literature in linguistics.] Nov. sov. lit. po iaz. no. 6 '60.

BIBLIOGRAPHY—LATIN AMERICAN LITERATURE

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Belles-lettres of Latin America in the Russian press; an annotated bibliography of Russian translations and literary criticism in the Russian language, 1765-1959] Khudozhestvennaia literatura Latinskoi Ameriki v russkoi pechati, annotirovanaia bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1765-1959. Moskva, Izd-vo Vses. knizhnoi palaty, 1960. 290 p.

BIBLIOGRAPHY—LATVIA

Latvian S.S.R. Kal. znam. i pam. dat 5 no. 7.29-33 Jl '60.

BIBLIOGRAPHY—LATVIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

Pride of the Latvian people. Valdis Luks. Chto chitat' 3 no. 7:16-17 Jl '60.

BIBLIOGRAPHY—LAW

Current Soviet legal literature, April-May 1960. Sov. gos. i pravo no. 7'205-208 Jl '60.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

"Chronological index of V. I. Lenin's publications; books, articles, speeches, letters and other documents." Part 1; 1866 - February, 1917. Reviewed by L. A. Barchan, D S. Kislik, L. M. Trofimova Vop. ist. KPSS 4 no. 4 180-183 '60

V. I. Lenin's work "Two tactics of Social Democracy in the democratic revolution." Kal. znam. i pam. dat. 5 no. 8:16-18 Ag '60.

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh. kino i telev. 4 no. 6:92-03 Je '60.

Optics and lighting engineering. Tekh. kino i telev. 4 no. 7:87-88 Jl '60.

BIBLIOGRAPHY—LITERATURE

A bibliography of almanacs and collections ("Literary almanacs and collections, 1926-1937" by O. D. Golubeva. Reviewed by V. Afanas'ev). Vop. lit. 4 no. 8·208-211 Ag '60

Brief book reviews. Inostr. lit. no. 7:258-263 Jl '60.

A great and needed work; bibliographies of the All-Union State Library of Foreign Literature. S. Turaev. Inostr. lit. no. 7:258-262 Jl '60.

"Guide to foreign bibliographies and reference manuals on literary criticism and belles lettres" by B. L. Kandel'. Sov. bibl. no. 3 143-146 '60

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura no. 21 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura no. 22 '60.

List of new publications. Inostr. lit. no. 7:264-265 Jl '60.

List of new publications. Inostr.lit. no.8:200-201 Ag '60.

New books. Vop.lit. 4 no.7:250-256 Jl '60.

New books. Vop.lit. 4 no.8:255-256 Ag '60.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature.] Nov.inostr.lit.po lit. nos. 1,5 '60.

[New Soviet literature on the study of literature.] Nov.sov.lit po lit no 5 '60

BIBLIOGRAPHY—LITHUANIA

Lithuanian S.S.R. Kal.znam.i pam.dat 5 no.7:24-28 Jl '60.

BIBLIOGRAPHY—LITHUANIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

On endless paths. Eduardas Mezelaitis. Chto chitat' 3 no.7:18-10 Jl '60.

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers. Sudostroenie 26 no.6:72-63 Je '60.

Design and operation of marine engines and boilers. Sudostroenie no.7:77-70 Jl '60.

Ship systems and devices. Sudostroenie no.7:78 Jl '60.

Technology of shipbuilding and machinery manufacture. Sudostroenie no.7:85 Jl '60.

Technology of shipbuilding and marine engineering. Sudostroenie 26 no.6:45 Je '60.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books, dissertations, periodicals. Stan.i instr. 31 no.7:39-42 Jl '60.

From periodicals, May 1960. Mekh.i avtom.proizv. 14 no.6:63-64 Je '60.

New books. Mashinostroitel' no.7:47-40 Jl '60.

New books. Mekh.i avtom.proizv. 14 no.6:62 Je '60.

New books. Vest.mash. 40 no.7:84-86 Jl '60.

Review of foreign periodicals. Vest.mash. 40 no.7:86-87 Jl '60.

BIBLIOGRAPHY—MEDICINE

"Bibliography of Soviet medical bibliography, 1917-1957" by V.V.Gnucheva. Reviewed by I. I.Fontina. Sov.bibl no.3:148-150 '60

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.Ser.V 4 no.6:3-63 Je '60.

Biology, medicine, and agriculture; reviews [of foreign literature]. Nov.knigi za rub.Ser.V 4 no.7:3-70 Jl '60.

Defense of dissertations in the Division of Biology and Medicine. Vest.AN Kazakh. SSR 16 no.4:98 Ap '60.

Dissertations presented at Ukrainian medical institutes. Vrach.delo no.6:667-668 Je '60

Dissertations presented at Ukrainian medical institutes. Vrach.delo no.7:151-153 Jl '60.

Index of articles published in the periodical "Meditsinskaia sestra" from 1942-1959. Med.sestra 19 no.8 45-47 Ag '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki nos. 21-22 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, medical, and agricultural sciences.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki no 23 '60

List of books on biology, medicine, and agriculture received by the All-Union State Library of Foreign Literature (VGBIL) during March 1960. Nov knigi za rub. Ser.V 4 no.6:84-86 Je '60.

List of books on medicine received by the State Central Scientific Medical Library during May 1960. Nov.knigi za rub.Ser.V 4 no.7:83-90 Jl '60.

List of books on medicine received by the State Scientific Medical Library during March 1960. Nov.knigi za rub. Ser.V 4 no.6:87-89 Je '60.

Literature. Uch.zap.2-go MGMI 17:235-241 '60.

Mistakes in historical medical literature. P.T.Petrov. Vrach.delo no.6:653-654 Je '60.

New books. Vrach.delo no.6:661-664 Je '60.

New books. Vrach.delo no.7:153-154 Jl '60.

BIBLIOGRAPHY—METALLURGY

Metallurgists' Day. Kal.znam.i pam.dat 5 no.7:14-18 Jl '60.

New books. Metallurg 5 no.7:12 Jl '60.

New books. Metallurg 5 no.8:36-37 Ag '60.

BIBLIOGRAPHY—METALS

Bibliography. Khim.mash. no.4:of cover Jl-Ag '60.

From pages of foreign journals. Metalloved.i term.obr.met. no.6:62-64 Je '60.

New books. Metalloved.i term.obr.met. no.6:20,42 52 62 Je '60.

New books. Zav.lab. 26 no.6:770 '60.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology and oceanography for 1959 (continuation). Meteor.i gidrol. no.[illegible] Jl '60

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Literature on the history of wars and military science. Voen.-ist.zhur. 2 no.5:125-126 My '60

BIBLIOGRAPHY—MINES AND MINERAL RESOURCES

Defense of dissertations in the Division of Mineral Resources. Vest.AN Kazakh.SSR 16 no.4 [illegible] Ap '60

Miners' Day. Kal.znam.i pam.dat. 5 no.8:47-48 Ag '60.

BIBLIOGRAPHY—MINING ENGINEERING

Books and articles on mining. Gor.zhur. no.7:[illegible] Jl '60.

Foreign periodicals. Gor.zhur. no.7:[illegible] cover Jl '60

BIBLIOGRAPHY—MINING MACHINERY—MAINTENANCE AND REPAIR

Mining machinery repairs ("Mining machine [illegible] repair" by P. M. [illegible]. Reviewed by [illegible]) Ugol' 35 no.5:47 My '60

BIBLIOGRAPHY—MOLDAVIA

Moldavian S.S.R. Kal.znam.i pam.dat. 5 [illegible] Ag '60.

BIBLIOGRAPHY—MOLDAVIAN LITERATURE

[Exhibition of Moldavian books, a catalog] Vystavka Moldavskoi knigi; katalog. Kishinev, [illegible] "Kartia Moldoveniaske," 1960. 200 p.

BIBLIOGRAPHY—MOSCOW—ORIENTAL STUDIES

Treasure house of oriental publications [with English summary in insert]. F. Valnstein. Sov.Vo[illegible] 55-56 Jl '60.

BIBLIOGRAPHY—MOTION PICTURE PHOTOGRAPHY

Motion picture film and its photographic processing. Tekh.kino i telev. 4 no.7:88-90 Jl '60.

Motion-picture photography and projection. Tekh.kino i telev. 4 no.7:84-88 Jl '60.

Soviet books on photography [illegible] fields published during [illegible] kin 5 no.1:239-240 [illegible] '60

BIBLIOGRAPHY—MOTION PICTURE PHOTOGRAPHY—FILMS

Motion picture film and its processing. Tekh.kino i telev. 4 no.6:91 Je '60.

BIBLIOGRAPHY—MOTION PICTURE PROJECTION

Motion picture filming and projection. Tekh.kino i telev. 4 no.6:88-89 Je '60.

Motion picture photography and projection. Tekh.kino i telev. 4 no.7:84-86 Jl '60.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books. Zhil.-kom.khoz. 10 [illegible] '60

BIBLIOGRAPHY—MUSIC

Brief book reviews. [illegible]

Brief book reviews. [illegible] '60.

Comments [illegible] J1 '60.

BIBLIOGRAPHY—NATURAL HISTORY

Bibliography as an aid in promoting [illegible] natural sciences. V. A. [illegible] 47-53 '60

Discussion of the problems of the bibliography of natural sciences. I. A. M[illegible] 151-157 '60

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. Tsvet.met. 33 no.5:88-83 My '60

New technical publications. Tsvet.met. 33 no.7:84-87 Jl '60

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology and oceanography for 1959 (continuation). Meteor.i gidrol. no.[illegible] Jl '60

BIBLIOGRAPHY—OIL INDUSTRIES

Survey of articles published in journals of the [illegible] fats industry and the perfumery and [illegible]. Masl.-zhir.prom. 26 no.7:41-44 Jl '60.

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh.kino i telev. 4 no.6:92-93 Je '60.

Optics and lighting engineering. Tekh.kino i telev. 4 no.7:87-88 Jl '60.

BIBLIOGRAPHY—ORE DRESSING

New technical publications. Tsvet.met. 33 no.7:84-87 Jl '60

[illegible] Je '60.

[illegible]

[illegible]

[illegible]

[illegible] '60.

[illegible]

[illegible]

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BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

[illegible]

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[illegible]

BIBLIOGRAPHY—RAILROAD ENGINEERING

[illegible]

BIBLIOGRAPHY—RAILROADS

[illegible]

New books. Vest.[illegible] 19 no.6:64 '60.

[illegible] Railway [illegible] no.2, 1960. [illegible] 52 [illegible] Je '60

BIBLIOGRAPHY—REFRIGERATION AND REFRIGERATING MACHINERY

New books. [illegible] My-Je '60

New books. [illegible] My-Je '60

BIBLIOGRAPHY—RELIGION

Leningrad [illegible] religion [illegible] Leningrad, 1960. 175 p. [illegible]

BIBLIOGRAPHY—RUMANIA

[illegible] Ag '60.

Literature for fliers. Vest. Vozd. Fl. no. 6:85-86 Je '60.

Soviet Air Force Day. Kal. znam. i pam. dat. 5 no. 8: 32-35 Ag '60.

BIBLIOGRAPHY—RUSSIA—BIOGRAPHY

Leningrad Publichnaia biblioteka. [To youth considering life, and deciding on whom to model their life] IUnoshe, obdumyvaiushchemu zhit'e, reshaiushchemu - sdelat' by zhizn' s kogo. Leningrad, 1960 19 p. (Zhit' i rabotat' po-kommunisticheski)

BIBLIOGRAPHY—RUSSIA—DESCRIPTION AND TRAVEL

Leningrad. Publichnaia biblioteka. [Through our country's wide-open expanses] Po rodnym prostoram Leningrad, 1960. 20 p. (Zhit' i rabotat' i po-kommunisticheski)

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Building of socialism in the U.S.S.R. V pom chit. no 16.11-15 '60.

Communism is our bright tomorrow. Chto chitat' 3 no 7:2 Jl '60.

Competition between the two world systems. V pom. chit no. 16 43-46 '60.

Period of the extensive construction of communism. V pom chit. no. 16 31-33 '60

Soviet socialist society V pom. chit. no. 16:17-22 '60.

BIBLIOGRAPHY—RUSSIA—HISTORY

New foreign literature on the history of the U.S.S.R. Ist. SSSR 4 no. 3:200-202 My-Je '60.

BIBLIOGRAPHY—RUSSIA—NAVY

Read these books. Sov. mor. 20 no. 10:14 My '60.

Soviet Navy Day. Kal. znam. i pam. dat 5 no. 7:44-46 Jl '60.

BIBLIOGRAPHY—RUSSIA—POLITICS AND GOVERNMENT

Decisions of the fifth session of the Fifth Supreme Soviet of the U.S.S.R. brought to the masses. Kal. znam. i pam. dat 5 no. 7 6-9 Jl '60.

Socialist State of workers and peasants. V pom. chit. no 16:23-25 '60

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

The party of the Bosheviks, the organizer of the victory of the October Revolution. V pom. chit. no. 16:5-9 '60.

BIBLIOGRAPHY—RUSSIAN LITERATURE

Leningrad. Publichnaia biblioteka. [Creative attitude toward work] O tvorcheskom otnoshenii k trudu. Leningrad, 1960. 18 p. (Zhit' i rabotat po-kommunisticheski)

Leningrad. Publichnaia biblioteka. [Life in enthusiasm] Zhizn' - gorenie. Leningrad, 1960. 18 p. (Zhit' i rabotat' po-kommunisticheski)

Leningrad. Publichnaia biblioteka. [Relay race of the generations] Estafeta pokolenii. Leningrad, 1960. 15 p. (Zhit' i rabotat' po-kommunisticheski)

BIBLIOGRAPHY—RUSSIAN POETRY

Leningrad. Publichnaia biblioteka. [Lyrics by Soviet poets] Lirika sovetskikh poetov. Leningrad, 1960. 22 p. (Zhit' i rabotat' po-kommunisticheski)

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated list of literature Vod. i san. tekh no. 7:30 Je '60

Annotated list of literature. Vod. i san. tekh. no. 8:40-41 Ag '60.

BIBLIOGRAPHY—SCHOOL GARDENS

Books on school experimental lots. Biol. v shkole no 3: 92 My-Je '60.

BIBLIOGRAPHY—SCIENCE

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature (IL). Nov. knigi za rub. Ser. A 13 no. 6:121-122 Je '60.

Annotated list of books published in Russian translation by the Publishing House for Foreign Literature. Nov. knigi za rub. Ser. A 13 no. 7:119-121 Jl '60.

Annotated list of books published in Russian translation by the State Publishing House for literature on Physics and Mathematics (FIZMATGIZ). Nov. knigi za rub. Ser. A 13 no. 6:123-124 Je '60.

In foreign publishing houses. Nov. knigi za rub. Ser. A 13 no. 6:110-112 Je '60.

In foreign publishing houses. Nov. knigi za rub. Ser. A 13 no. 7:106-110 Jl '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm nos. 21-22 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences, technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm no 23 '60.

List of books on the exact sciences received by the All-Union State Library of Foreign Literature (VGBIL) during April 1960. Nov. knigi za rub. Ser. A 13 no. 6 113-115 Je '60.

List of books on the exact sciences received by the All-Union State Library of Foreign Literature (VGBIL) during May 1960. Nov. knigi za rub. Ser. A 13 no. 7: 111-113 Jl '60.

List of books on the exact sciences received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Science of the U.S.S.R. during April 1960. Nov. knigi za rub Ser. A 13 no. 6: 116-120 Je '60.

List of books on the exact sciences received by the Public Scientific and Technical Library of the Siberian Branch of the Academy of Sciences of the U.S.S.R. Nov. knigi za rub. Ser. A 13 no. 7:114-118 Jl '60.

Mathematics, mechanics, astronomy, astronautics, geophysics, physics, chemistry, and geology; reviews [of foreign literature]. Nov. knigi za rub. Ser. A 13 no 6:3-109 Je '60.

Mathematics, mechanics, astronomy, astronautics, physics, chemistry, geology, reviews [of foreign literature]. Nov. knigi za rub Ser. A 13 no. 7:3-105 Jl '60

BIBLIOGRAPHY—SCIENCE—MISCELLANEA

New publications. Znan. sila 35 no. 6:13 Je '60.

BIBLIOGRAPHY—SELF DETERMINATION, NATIONAL

Valuable bibliographical index ("Desintegration of the colonial system of imperialism; an index of recommended literature" by A. A. Popov. Book review). Polit. samoobr. 4 no. 5:122 My '60.

BIBLIOGRAPHY—SERGEEV, FEDOR ANDREEVICH, 1883-1921

Comprehensive biography of Artem (F. A. Sergeev). V. I. Tuvaiev Ukr ist zhur. 4 no 4 121-125 Jl-Ag '60

BIBLIOGRAPHY—SHIP HANDLING

Design and operation of ships. Sudostroenie no. 7:22 Jl '60.

Design and operation of vessels. Sudostroenie 26 no. 6: 15-27 Je '60.

BIBLIOGRAPHY—SHIPBUILDING

Design and operation of ships. Sudostroenie no. 7:22 Jl '60.

Design and operation of vessels. Sudostroenie 26 no. 6: 15-27 Je '60.

From pages of industrial publications. Sudostroenie 26 no. 6:48 Je '60.

Shipbuilding in foreign countries. Sudostroenie no. 7:77 Jl '60.

Small craft building. Sudostroenie no. 7:78 Jl '60.

Technology of shipbuilding and machinery manufacture. Sudostroenie no. 7:65 Jl '60.

Technology of shipbuilding and marine engineering. Sudostroenie 26 no. 6.45 Je '60.

BIBLIOGRAPHY—SIBERIA—PARASITOLOGY

I. G. Ioff, Soviet parasitologist, and his investigations in Siberia and the Far East. I. F. Zhovtyi, V. E. Tiflov. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:5-19 '58.

BIBLIOGRAPHY—SLOVAKIA

New manual on bibliography in Czechoslovakia ("Model catalog for public libraries in Slovakia [in Slovak]" edited by J. Paška Reviewed by A. S Myl'nikov). Sov bibl. no 3:160-163 '60.

BIBLIOGRAPHY—SOCIAL SCIENCES

Defense of disserations in the Division of Social Sciences Vest. AN Kazakh. SSR 16 no. 4.90 Ap '60.

Defense of dissertations in the social sciences. A. L. Ioanidi. Dop. AN URSR no. 3:406-408 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura no. 21 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences and belles-lettres.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura no. 22 '60.

BIBLIOGRAPHY—SOCIALISM

World system of socialism. V pom. chit. no. 16:39-41

BIBLIOGRAPHY—SOIL MECHANICS

Works on soil mechanics and foundation engineering published in 1959 and 1960. Osn., fund. i mekh. grun. 2 no. 3:3 of cover '60.

lished in 1959-1960. Osn., fund. i mekh. grun. 2 no. 4: 32-3 of cover '60.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedenie no. 7:118-128 '60.

Saratov. Universitet. Nauchnaia biblioteka. [Soils of the southeastern part of the European S.S.S.R.; a bibliography] Pochvy IUgo-Vostoka Evropeiskoi chasti SSSR; bibliograficheskii ukazatel'. [Saratov] 1959. 250 p. (Bibliografiia Saratovskoi oblasti, no. 4) (NNC)

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 4 no. 6:89-91 Je '60.

Sound recording and reproducing. Tekh. kino i telev. 4 no. 7:81-84 Jl '60.

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals. L. Povarennykh. Standartizatsiia 24 no. 6:59-61 Je '60.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Provincial libraries' manuals as aids to animal husbandry. ("More meat for our country " "Libraries to the aid of collective-farm production." "Manual for cattle breeders, a brief bibliography." Reviewed by A. F. Sadof'ev) Sov. bibl no 3:137-140 '60.

BIBLIOGRAPHY—SUGAR INDUSTRY

New technical and agricultural literature. Sakh. prom. 34 no. 6:79 Je '60.

BIBLIOGRAPHY—SURFACE ACTIVE AGENTS

Bibliography on surface active substances and types of use in insecticides and fungicides. V. V. IAtskevich. [Trudy] NIUIF no. 165:88-90 '59.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart no. 5 78-79 My '60

Bibliography. Geod. i kart. no. 6:78-79 Je '60.

BIBLIOGRAPHY—TECHNICAL EDUCATION

New books on manual training, technical education and industrial training. Shkola i proizv. 4 no. 6:90-92 Je '60.

BIBLIOGRAPHY—TECHNOLOGY

Bibliography of industrial technology. M. P. Gastfer. Sov. bibl no. 3 25-37 '60.

Bibliography of popular literature on technology. N. S. Molchanova. Sov bibl no. 3:38-42 '60

General engineering disciplines, machinery and technology of machinery manufacturing, metallurgy, science of metals, radio engineering, electronics, electric engineering, automatic systems, heat engineering, construction, transportation, organization of production, and light industry; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 4 no. 6.3-143 Je '60.

General technological disciplines, atomic engineering, rocket engineering, machinery and the technology of the machinery industry, metallurgy, metallography, radio engineering, electronics, mining, construction, chemical technology, organization of production, history of technology, miscellanea; reviews [of foreign literature]. Nov. knigi za rub. Ser. B 4 no. 7:3-142 Jl '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm nos. 21-22 '60.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical-mathematical, chemical and geological-geographical sciences; technology and technological sciences; technological catalogs of foreign firms.] Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki; tekhnicheskie katalogi zarubezhnykh firm no. 23 '60.

New publications. Znan. sila 35 no. 6:42-43 My '60.

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography. Elektrosviaz' 14 no. 6:76-80 Je '60.

Books on automatic control, telecommunication, and communication. Avtom., telem. i sviaz' 4 no. 6:48 Je '60.

Literature on radio engineering. A. Vasil'ev. Radio no. 7:63 Jl '60.

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 4 no. 6:87-88 Je '60.

Television. Tekh. kino i telev. 4 no. 7:80-81 Jl '60.

BIBLIOGRAPHY—TEXTILE INDUSTRY

New books published by the Soviet Publishing House of Scientific and Technical Literature. Tekst. prom. 20 no. 6:81-82 Je '60.

New books Teatr 21 no 6 130-131 Je '60

BIBLIOGRAPHY—TRADE UNIONS

Taking into consideration the desires of our readers A Mukhanov Okhr truda i sots strakh 3 no 3 51-52 Mr '60

BIBLIOGRAPHY—UKRAINE

[Book chronicle.] Litopys knyh 37 no. 6 Je '60.

[New books of the Ukrainian S. S. R.] Novi knyhy URSR no. 13 Jl '60.

BIBLIOGRAPHY—UKRAINE—ECONOMIC POLICY

The Ukraine in the seven-year plan. Chto chitat' 3 no. 7:3 Jl '60.

BIBLIOGRAPHY—UKRAINE, WESTERN

Akademiia nauk URSR, Kiev. Biblioteka. [Reunification of Ukrainian lands in the united Soviet Ukrainian state, 1939-1959] Vozz'iednannia ukrains'kykh zemel' v iedynii Ukrains'kii Radians'kii derzhavi, 1939-1959 rr , bibliografichnyi pokazhchyk. Kyiv, 1959. 95 p

BIBLIOGRAPHY—UKRAINE, WESTERN—ECONOMIC CONDITIONS

Description of the building of socialism in the western provinces of the Ukrainian S S. R. I Kh Sas Ukr ist zhur 4 no 4:102-109 Jl-Ag '60

BIBLIOGRAPHY—UKRAINIAN LITERATURE

The heroes of our time are the builders of communism; a library poster. N Reva. Sots. kul't. 13 no. 6:36 Je '60.

BIBLIOGRAPHY—UZBEKISTAN—HISTORY

Review of literature on the problem of the formation of the Uzbek bourgeois nation. O. P. Umurzakova. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 3.53-56 '60.

BIBLIOGRAPHY—VENEREOLOGY

Gitman, S. M. [Bibliographic index of Soviet dermatology and venereology for 1946-1950] Bibliograficheskii ukazatel' sovetskoi dermatologii i venerologii za 1946-1950 gg. Moskva, Gos. izd-vo med. lit-ry.
Vol. 3, Book 2. 1958. 398 p.

BIBLIOGRAPHY—VLADIVOSTOK

Vladivostok. Kal. znam. i pam. dat 5 no. 7:10-13 Jl '60.

BIBLIOGRAPHY—WAGES

Moscow. Nauchno-issledovatel'skii institut truda. [Labor and wages; bibliographical index of literature published in Russian in the U. S. S. R. in 1958] Trud i zarabotnaia plata; bibliograficheskii ukazatel' literatury, izdannoi v SSSR na russkom iazyke v 1958 g. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 221 p. (Nauchnaia biblioteka)

BIBLIOGRAPHY—WELDING

Foreign publications on welding. Svar. proizv. no. 7: 47-48 Jl '60.

Foreign publications on welding. Svar. proizv. no. 8· 46-47 Ag '60.

Soviet inventions in the field of welding Svar proizv no 6 48 Je '60

Soviet publications on welding V A Nevskii Svar proizv. no 6 47 Je '60

Soviet publications on welding. V. A. Nevskii. Svar. proizv. no. 7:45-47 Jl '60.

Soviet publications on welding. V. A. Nevskii. Svar. proizv. no. 8 44-45 Ag '60.

BIBLIOGRAPHY—WOOD—CHEMISTRY

From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 3:inserts '60.

From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 4:inserts '60.

From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 5:insert '60.

New books. Gidroliz. i lesokhim. prom. 13 no. 4:14 '60

BIBLIOGRAPHY—WOODPULP INDUSTRY

New books. Bum. prom. 35 no. 6:insert Je '60.

BIBLIOGRAPHY—WOOD-USING INDUSTRIES

From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 3:inserts '60.

From scientific and technical journals. Gidroliz. i lesokhim. prom. 13 no. 4:inserts '60.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

New books. Der. prom 9 no. 5:26 My '60.

New books. Der. prom. 9 no. 7:27 Jl '60.

BIBLIOGRAPHY—YACHT-BUILDING

Small vessel building. Sudostroenie 26 no. 6·39 Je '60.

BIBLIOGRAPHY—YAROSLAVL

City of Yaroslavl. Kal. znam. i pam. dat. 5 no. 8:32-38 Ag '60.

Leningrad. Publichnaia biblioteka [Your friends in foreign countries] Tvoi druz'ia za rubezhom. Leningrad, 1960. 22 p. (Zhit' i rabotat' po-kommunisticheski)

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 5 '60.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

All-Union conferences. Bibliotekar' no. 7.44 Jl '60.

Bibliographical training of students in the Leningrad Polytechnical Institute V. M Dobrova Sov bibl. no 3 63-66 '60

General catalog of newspapers and periodicals for 1961. N. Kislova. Raspr pech. no. 7:17 Jl '60.

Lenin decree on organization of bibliographical work in our country and the development of Soviet bibliography. A. N Verevkina. Sov. bibl. no 3 67-77 '60

Main features of a system of bibliographic manuals on belles lettres IU S Zubov Sov bibl no. 3 15-24 '60

Moot questions about the theory of bibliography and the structure of the manual "General bibliography." M A. Briskman. Sov. bibl no 3 78-95 '60.

Small and large forms are necessary. I. Timofeeva. Bibliotekar' no 7:12-13 Jl '60.

System of bibliographical manuals on sociological and political literature G. K Donskaia. Sov. bibl. no 3 3-14 '60

BILE

Effect of stimulating gastric mechanoreceptors on bile formation during muscular activity of the animal [with summary in English]. A. H. Zahorodnieva Fiziol. zhur [Ukr.] 6 no 4·526-531 Jl-Ag '60.

BILE DUCTS

Peculiarities in the physiology of bile secretion in hens. V. V. Li. Trudy Inst. fiziol. AN Kazakh SSR 2:91-95 '59.

Reflex bile secretion in domestic fowl. V. V. Li. Trudy Inst. fiziol. AN Kazakh SSR 2:96-101 '59.

BILE PIGMENTS

New method for the determination of bile pigments in the urine. S. I. Berdyeva. Lab. delo 6 no. 3·57 My-Je '60.

New methods for determining bile pigments in the urine. I. A. Sidorenko. Lab. delo 6 no. 3·30-31 My-Je '60.

BILETS'KYI, OLEKSANDR IVANOVYCH, 1884-

Hudzii, M K Oleksandr Ivanovych Bilets'kyi. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 49 p. (Vcheni Ukrains'koi RSR)

BILIARY TRACT—DISEASES

Mazurenko, G. I. [Diseases of the liver and the biliary tracts and their treatment at the Truskavets Health Resort] Zabolevaniia pecheni i zhelchnykh putei i ikh lechenie na kurorte Truskavets. [L'vov] Izd-vo L'vovskogo univ., 1960. 92 p.
(DNLM)

BILIMBAY MOUNTAIN—TITANOMAGNETITE

Latysh, I K [Mineral composition and conditions governing the deposition of titanomagnetite ores of the Visim deposit in the Central Urals] Mineral'n'yi sostav i usloviia lokalizatsii titanomagnetitovykh rud Visimskogo mestorozhdeniia na Srednem Urale. Svedlovsk, 1960. 75 p. (Akademiia nauk SSSR Ural'skii filial Sverdlovsk Gorno-geologicheskii institut Trudy, no 50)

BILIRUBIN

Carbohydrate and pigmentary function of the liver in vascular injuries of the brain [in Armenian with summary in Russian]. A. V. Stepanian. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:69-75 F '60.

Difficulties in the quantitative determination of bilirubin in the blood by Van den Bergh's method. A. A. Krylov. Lab. delo 6 no. 3·31 My-Je '60.

Modification of the melthod for determining the bilirubin index. S. G. Mendelevich, A. V. Ovislannikova. Lab. delo 6 no. 3.28-30 My-Je '60.

BINDING MATERIALS

(see also subdivision under Dnepropetrovsk Province)

Budnikov, P. P. [Selected works] Izbrannye trudy. Kiev, Izd-vo Akad. nauk USSR, 1960. 571 p.

Epoxy resin binders. L. D. Zeligman. Lit. proizv. no. 7 37 Je '60.

Laminates based on glass fiber. Report No. 8: Polyester binder for glass reinforced plastics. P. Z. Li and others. Plast. massy no. 4:9-12 '60.

Methods of determining the coefficients of diffusion of mineral binding materials in water. V. A. Grigorian, V. B. Ratinov. Zav. lab. 26 no. 6:740-742 '60.

BIOCHEMISTRY

Parnas, IA. O. [Collected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 491 p.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry; abstracts nos. 19243-20736.] Referativnyi zhurnal Khimiia; biologicheskaia khimiia no. 14 Jl '60.

when the sun is guilty. Andrei Emme. Ogonek 38 no. 31·18-19 Jl '60.

BIOCOLLOIDS

Characteristics of the aging of actomyosin gel solutions. IU. N. Polianskii. Biofizika 5 no. 3 250-252 '60.

BIOLOGICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Apparatus for the study of repellents for ixodid ticks. G. S. Pervomaiskii, A. K. Shustrov. Lab. delo 6 no. 3 52-53 My-Je '60.

Use of a synthetic sapphire knife for ultrathin sections. V. F. Mashanskii and others. TSitologiia 2 no. 3·376-379 My-Je '60.

BIOLOGICAL PHOTOGRAPHY see Photography, Biological

BIOLOGICAL PRODUCTS—DRYING

Single-chamber vacuum-drying apparatus (first variant) and the method of working on it. V. P. Leonov Izv. Irk. gos nauch.-issl. protivochum. inst. 20·317-330 '59.

BIOLOGICAL RESEARCH

Annual general assembly of the Department of Biological Sciences of the Academy of Sciences of the U. S. S. R. Izv. AN SSSR. Ser. biol. no. 3:474-478 My-Je '60.

BIOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION

Technic of mounting dry anatomical and biological preparations in organic glass (methylmethacrylate) [with summary in English]. A. V. Perelygin, N. V. Krylova. Biul. eksp. biol. i med. 40 no. 1 120-127 Ja '60.

Use of antibiotics containers. A. G. Timoshin. Lab. delo 6 no. 3:58 My-Je '60.

BIOLOGY

(see also subdivision under Aral Sea)

Considering problems of geotectonics and the organic world. N. L. Bublichenko, L N Rogotskaia, R. M. Fatkulin. Vest. AN Kazakh. SSR 16 no. 4·81 Ap '60.

Grushvitskii, I. V., and S. A. Razumov. [Biology and religion] Biologiia i religiia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 70 p.

J. B. Lamarck's teaching and role in the development of biology. A. I. Liauko, A. I. Paliiau. Vestsi AN BSSR. Ser. biial. nav. no. 2:33-42 '60.

Maiskii, L. N. [Biology and medical progress] Biologiia i progress meditsiny. Moskva, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 8, Biologiia i meditsina, no. 10)

Michurin's teachings still live and are being further developed. I. E. Glushenko. Nauka i zhizn' 27 no. 6· 35-40 Je '60.

On the 90th anniversary of the birth of the great Lenin. Biofizika 5 no. 3·249 '60

[Reports at the Conference on General Problems of Biology dedicated to the centennial of Darwinism] Soveshchanie po obshchim voprosam biologii, posviashchennoi stoletiiu darvinizma. Doklady. Tomsk, Izd-vo Tomskogo univ., 1959. 309 p.

V. I. Lenin and the biological science. P. D. Puzikau. Vestsi AN BSSR. Ser. biial. nav. no. 2:5-14 '60.

V. I. Lenin's ideas in the development of modern biology. IA. Kh. Turakulov. Uzb. biol. zhur. no. 3;3-8 '60.

World of variety. Vokrug sveta no. 6:50-51 Je '60.

BIOLOGY—AUDIO-VISUAL AIDS

Biological games and their part in the teaching process K. N Sokolov. Dokl APN no. 1;11-13 '60.

Young naturalists make visual aids on biology. I P. Vysochanskii. Biol v shkole no. 3 73-75 My-Je '60

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

The categories of "content" and "form" in biology. A. S. Mamzin. Vop. filos. 14 no. 7:70-77 '60.

"Darwin, Darwinism, and philosophy" by G. Platonov. Reviewed by V. G. Nesterov. Vop. filos. 14 no. 7: 179-180 '60.

Special features of biological metabolism. V. A. Engel'gardt. Vop. filos. 14 no. 7:113-123 '60.

BIOLOGY—STUDY AND TEACHING

Biology program Biol. v shkole no. 3:7-22 My-Je '60.

Creative method of conducting lessons in biology. E. P. Brunovt Biol v shkole no. 4:22-27 Jl-Ag '60.

New biology program for eight-year schools F. I. Shestakova. Biol v shkole no 3 3-6 My-Je '60.

Preparing students of primary grades for the study of biology A. V. Sokolova Biol v shkole no 4 7-9 Jl-Ag '60

Project of biology curriculum for grades 5-7 of secondary evening (shift) schools of general education. Biol v shkole no. 4 32-47 Jl-Ag '60.

BIOMETRY

Biometric study of Cimmerian representatives of the genus Viviparus. V. IA. Tabolskova. Paleont. zhur. no. 2.97-109 '60.

BIOPHYSICS

Activities of the Section of Biophysics and Radiobiology of the Moscow Naturalists' Society in 1959. Biul. MOIP. Otd. biol. 65 no. 3:139-140 My-Je '60.

Current problems in biophysics. B. N. Tarusov. Biul. MOIP. Otd. biol. 65 no. 3:141 My-Je '60.

BIRCH
(see also subdivision under Polesye)

Experimental manufacture of birch panels for parquet floors. V. P. Protserov. Der. prom 9 no. 7:23-25 Jl '60.

BIRCH MOUSE see subdivision under Kustanay Province; Mikhnevo District

BIRDS
(see also subdivision under Antarctic regions, Kochkor Valley; Kyzyl-Agach Preserve; Lagodekhi Preserve, Maya Valley, Polesye; Russia, Southern)

Songbirds should be protected. A. M. Galakhov. Priroda 49 no. 7:60 Jl '60.

BIRDS—HABITS AND BEHAVIOR
(see also subdivision under Kirghizistan)

Unexpected meetings. Ogonek 38 no. 23:24 Je '60

BIRDS—MIGRATION

Fall and winter migrations of the hawfinch. K. P. Filonov. Kraeved. sbor. no. 4:133-135 '59.

BIRDS—NOMENCLATURE—DICTIONARIES

Zhordaniia, R. G. [Terminological dictionary of names of Georgian birds; Latin, Georgian, Russian, and German nomenclature] Terminologicheskii slovar' ptits Gruzii, latinskaia, gruzinskaia, russkaia i nemetskaia nomenklatura. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 61 p. [In Georgian.]

BIRDS—PARASITES see Parasites—Birds

BIRDS, INJURIOUS AND BENEFICIAL

Pozanmin, L. P., ed. [Ways and methods of using birds to fight harmful insects, proceedings of the conferences held November 26-28, 1953 and December 21-23, 1954] Puti i metody ispol'zovanii ptits v bor'be s vrednymi nasekomymi; trudy soveshchanii 26-28 noiabria 1953 g. i 12-23 dekabria 1954 g. Moskva, Izd-vo M-va s-kh. SSSR, 1956. 171 p.
(MIU)

BIRDS OF PREY see subdivision under Transbaikalia

BIRMAN, SERAFIMA GERMANOVNA, 1890-

"Career of an actress" by Serafima Birman. Reviewed by O. Gruditsova. Teatr 21 no. 7:140-149 Jl '60.

BISMUTH

Angular correlation of gamma quanta produced by the annihilation of positrons and electrons in bismuth. I. IA. Dekhtiar, V. S. Mikhalenkov. Dokl. AN SSSR 133 no. 1:60-63 Jl '60.

Kinetics of the cathodic deposition of bismuth. Part 1 [with summary in English]. M. A. Loshkarev, E. I. Dehtiagin. Zhur. fiz. khim. 34 no. 7:1430-1442 Jl '60.

The P-T diagram for bismuth at pressures up to 30,000 kg/cm^2. E. G. Poniatovskii. Kristallografiia 5 no. 1:154-156 Ja-F '60.

Thermodynamic properties of the liquid metallic solutions of Zn - Bi and K - Cd systems. M. F. Lantratov, E. V. Tsarenko. Zhur. prikl. khim. 33 no. 5:1116-1120 My '60.

Thermoelectric effect in thin films of antimony and bismuth. I. Zaitov. Sbor. nauch. rab. stud. Nauch. stud. obshchestva Khar. un. no. 3:27-31 '59.

BISMUTH—ANALYSIS

Amperometric determination of bismuth with trilon B in low-melting alloys. IU. I. Usatenko, M. A. Vitkina. Zav. lab. 26 no. 5:542-543 '60.

BISMUTH—ISOTOPES

Quantitative determination of lead and bismuth radioisotopes in the air of mines. V. I. Baranov, I. V. Gorbushina. Atom. energ. 9 no. 1:56-57 Jl '60

Synthesis of polonium heteroorganic compounds through the use of chemical changes taking place in the process of beta-decay of RaE. A. N. Murin and others. Dokl. AN SSSR 133 no. 1:123-125 Jl '60

BISMUTH COMPOUNDS

Magnesium bismuthide (Mg_3Bi_2) as a reducing agent. Report No. 2. A. G. Kaukanian. Izv. AN Arm. SSR Khim. nauki 13 no. 1:45-49 '60.

BISMUTH-RUBIDIUM ALLOYS see Rubidium-bismuth alloys

BITTERN
(see also subdivision under Naroch', Lake)

Comparative study of the ecology and development of white and black storks and the grey bittern. A. P. Krapivnyi. Biul. Inst. biol. AN BSSR no. 3:230-245 '58.

(see also subdivision under Chelyabinsk Province)

Fully mechanized construction of bituminous soil roadbeds. IU. I. Garber. Avt. dor. 23 no. 7:6-7 Jl '60.

Performance testing of bitumen dosing pumps. M. I. Fomin, I. A. Kulev. Stroi. i dor. mashinostr. 5 no. 7:30-32 Jl '60.

Radioactivity of bituminous rocks of the menilite series [with summary in English, p. 312] M. P. Gabinet. Probl. geokhim. no 1:256-260 '59.

Reply to P. F. Andreev, E. M. Geller, A. A. Kartsev, and Z. M. Tabasaranskii's review on the book "Luminescence-bitumen analysis and its application in petroleum geology" by V. N. Florovskaia. V. N. Florovskaia and others. Sov. geol. 3 no. 5:123-127 My '60

BITUMEN—TRANSPORTATION

Bitumen trailer on a caterpillar crawler chassis. I. A. Faikin. Stroi. i dor. prov. 5 no. 6:25-26 Je '60.

BLACK

Polish "A" black dye. F. Kaciazak. Tekst. prom. 20 no. 6:72-74 Je '60.

BLACK-HEADED GULL see subdivision under Alakul' region (Kazakhstan)

BLACK-LEAD see Graphite

BLACK SEA

Fluctuations of Black and Caspian Sea levels during the Holocene. P. V. Fedorov, I. A. Skiba. Izv. AN SSSR Ser. geog. no. 4:21-34 Jl-Ag '60

BLACK SEA—DIATOMS

Fragilaria delicatissima Pr.-Lavr., a new interesting species from the Black Sea. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 13:48-50 '60.

BLACK SEA—FISHES

Vinogradov, K. O. [Fish fauna of the northwestern part of the Black Sea] Ikhtiofauna pivnichno-zakhidnoi chastyny Chornoho moria. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 114 p.

BLACK SEA—FLATFISHES

Postlarval development and metamorphosis in Arnoglossus kessleri Schm. [with summary in English]. P. M. Kaltsina. Zool. zhur. 39 no. 7:1050-1055 Jl '60.

BLACK SEA—GEOLOGY

Subsurface structure of the earth's crust under the bottom of the Black Sea, based on seismic data. IU. P. Neprochnov. Biul. MOIP. Otd. geol. 35 no. 1:119-120 Ja-F '60.

BLACK SEA—LAMELLIBRANCHIATA

Sensitivity of mytilids of the Black Sea and their ciliated epithelium to high temperatures. A. V. Zhirmunskii. Dokl. AN SSSR 133 no. 1:681-685 Jl '60.

BLACK SEA—LAMELLIBRANCHIATA, FOSSIL

Ontogenic development of hinge teeth in Veneridae of the Black Sea. I. A. Nevesskaia. Paleont. zhur. no. 2:58-63 '60

BLACK SEA—SHIPWORMS

Survival of shipworms of the Black Sea (Teredo navalis L.) in sea water of various salinity and temperature [with summary in English]. R. K. Kudinova-Pasternak. Zool. zhur. 39 no. 7:1004-1011 Jl '60.

BLACK SEA—ZOOPLANKTON

Vertical distribution of zooplankton in the Black Sea as related to the hydrological conditions. T. S. Petipa, I. I. Sazhina, E. P. Delalo. Dokl. AN SSSR 133 no. 4: 964-967 Ag '60.

BLACK SEA REGION—ANTIQUITIES

Prisons discovered under the ground. Volodymyr Berezkin. Ukraina no. 15:27 Ag '60.

BLACK SEA REGION—HISTORY

"The northern Black Sea region, 1775-1800" by E. I. Druzhinina. Reviewed by S. IA. Borovoi. Ist. SSSR 4 no. 3: 167-170 My-Je '60.

BLACKSMITHING
(see also subdivision under Pastyrskoye)

Medvedchuk, N. I. [Collective farm smith; with qualifications of mechanic, tinsmith, and coppersmith] Kolkhoznyi kuznets; s kvalifikatsiei slesaria, zhestiansbchika i mednika. Moskva, Trudrezervizdat, 1959. 346 p.
(DA)

BLADDER

Mechanism of the influence of ganglion-blocking agents on the peripheral viscero-visceral reflexes [with summary in English]. V. V. Zakusov, O. V. Ul'ianova. Biul. eksp. biol. i med. 49 no. 1:75-76 Ja '60.

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—INNERVATION

Data on the formation of new afferent pathways in the urinary bladder and large intestine [with summary in English]. D. M. Golub and others. Arkh. anat. gist. i embr. 38 no. 1:3-12 Ja '60.

during the development of induced tumors [with summary in English]. A. N. Bortieva. Fiziol. zhur. [Ukr.] 6 no. 3:391-399 My-Je '60

Interoceptive reflexes from the bladder following transsection of the spinal cord and different autonomic formations. K. F. Zorin-TSikina, M. P. Kal'vanovskii. Trudy Inst. fiziol. AN BSSR 3:178-189 '59.

Motor interoceptive reflexes from the bladder following transsection of the spinal cord in rabbits. R. A. IAkimovich. Trudy Inst. fiziol. AN BSSR 3:205-211 '59.

Pathways for an unconditioned interoceptive response to micturition from the bladder. Z. G. Kisliakova. Trudy Inst. fiziol. AN BSSR 3:212-224

Role of separate neural formations in the transmission of interoceptive impulses from the bladder. K. F. Zorina-TSikina. Trudy Inst. fiziol. AN BSSR 3:190-3: 198 '59.

BLADDER—TUMORS

Functional changes in the receptors of the dog bladder during the development of induced tumors [with summary in English]. A. N. Bortieva. Fiziol. zhur. [Ukr.] 6 no. 3:391-399 My-Je '60.

BLADES

Check calculation of tolerances for moving blades of turbines. I. G. Fridlender. Trudy Inst. mash. Sem. po tochn. v mash. i prib. no. 14:44-68 '60.

BLAST FURNACES

Adopting a blast furnace with a useful capacity of 1719 m^3. B. N. Starshinov and others. Metallurg 5 no. 7:7-9 Jl '60.

Effect of some nonlinearities on the adjustment of an air blower. B. A. Morlakin. Energomashinostroenie 6 no. 7:22-25 Jl '60.

Effect of the change of primary slag composition on the temperature of the hearth and blast furnace performance. A. A. Gimmel'farb. Izv. vys. ucheb. zav.; chern. met. no. 6:15-20 '60

Efficient procedure for making ferromanganese in the blast furnace. M. N. Abramovich. Trudy NTO chern. met. 15:20-23 '59.

Errors in controlling the flow of gases and material distribution in the blast furnace top. A. N. Chechuro, I. I. Kolesnik. Metallurg 5 no. 8:7-8 Ag '60.

Slag formation during blast-furnace smelting with fluxed sinter [with summary in English]. B. N. Starshinov and others. Stal' 20 no. 8:673-680 Ag '60.

Work methods of the senior gas-fired furnace operator. A. A. Kuzminov, M. M. Gladkii. Metallurg 5 no. 8: 31-35 Ag '60.

BLAST FURNACES—COOLING

Assembling cooling systems of blast furnaces. V. A. Krylov. Mont. i spets. rab. v stroi. 22 no. 6:4-9 Je '60

BLAST FURNACES—DESIGN AND CONSTRUCTION

Mechanization of welding operations in building blast furnace casings. B. F. Lebedev, IU. A. Sterenbogen, A. I. Alekseev. Avtom. svar. 13 no. 7:70-75 Jl '60.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Controlling tuyere performance by the drop in blast pressure. F. F. Solov'ev. Metallurg 5 no. 7:10-12 Jl '60.

Deformability of variously shaped slag basins. K. A. Pak. Stal' 20 no. 8:695-696 Ag '60.

Hanging of the charge when using an oxygen-enriched blow [with summary in English]. M. A. Stefanovich. Stal' 20 no. 8:680-683 Ag '60.

Improving the distribution of materials in the blast furnace top. S. V. Vasil'ev. Metallurg 5 no. 8:8-10 Ag '60.

New charging device for blast furnaces. Stal' 20 no. 8: 690 Ag '60.

Preparing pig iron in rotary furnaces and its use in the blast furnace process [with summary in English]. A. I. Gimmel'farb, G. I. Chasovitin. Stal' 20 no. 8:691-694 Ag '60.

Some problems of blast furnace smelting with use of natural gas. M. A. Shapovalov. Metallurg 5 no. 8:4-6 Ag '60.

BLAST FURNACES—SAFETY MEASURES

Soiuz rabochikh metallurgicheskoi promyshlennosti SSSR. TSentral'nyi komitet. [Safety regulations in the blast-furnace process] Pravila bezopasnosti v domennom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 87 p.

BLASTING
(see also subdivision under Kuznetsk Basin)

Blast method of making foundation pits for contact network poles in railroad electrification. A. N. Dashkov. Vzryv. delo no. 44/1:184-191 '60.

Efficient use of bilateral concentrated blasting in vertical shaft sinking. G. I. Vagin. Gor. zhur. no. 7:44-47 Jl '60.

Explosives. M. Dokuchaev. Ogonek 38 no. 33:10-13 Ag '60.

History of blasting operations in coal mining. V. Nemchinov, V. Ivanov. Mast. ugl. 9 no. 5:26-29 My '60

Ignition of methane-air mixtures by the hot products of combustion. S. M. Kogarko and others. Vzryv. delo no.44/1:122-133 '60.

Short-delay blasting in shaft sinking in the Krivoy Rog Basin. Iu. P. Bulich [illegible] Jl '60.

Stability of submerged sand foundations during blasting operations. A. M. Aronov. Osn., fund. i mekh. grun. 2 no.4:6-9 '60.

BLASTING—SAFETY MEASURES

Experimental investigation of the inflammability of methane-air mixtures under the effect of explosions. L. V. Dubnov, N. S. Bakharevich, V. S. Vasil'eva. Vzryv. delo no.44/1:90-122 '60.

Methods of evaluating conditions of inflammability of mine atmospheres under the effect of explosions. L. V. Dubnov. Vzryv. delo no.44/1:[illegible] '60.

BLASTING OIL see Nitroglycerin

BLEACHING

They got out of a difficulty. I. Kikot', N. Zhukov. Prom. koop. 14 no.6:13 Je '60.

BLEEDING see Hemorrhage

BLIND

Influence of a 180° turn on the topographical concepts of the blind. N. G. Chuprikova. Dokl. APN no.4:115-118 '60.

BLIND—REHABILITATION

A blind man can recover his sight. A. Shvarts. Smena 37 no.15:30 Ag '60.

BLIND, LIBRARIES FOR THE

What is impeding our progress. [illegible] Bibliotekar' no.7:15-17 Jl '60.

BLIUKHER, VASILII KONSTANTINOVICH, 1890-1938

Dushen'kin, V. V. [From private to field marshal] Ot soldata do marshala; zhizn' i boevoi put' Marshala Sovetskogo Soiuza V. K. Bliukhera. Moskva, Gos. izd-vo polit. lit-ry, 1960. 133 p.

BLIZZARDS

Experimental studies on the main features of snowstorms. A. K. Diunin. Izv. Sib. otd. AN SSSR no.1:17-32 '60.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Blok's poem "The twelve" and its interpreters. [illegible] Vop. lit. 4 no.7:116-127 Jl '60.

A book on Blok ("The poems of Aleksandr Blok" by [illegible]. Reviewed by A. Men'shutin). Novyi mir 36 no.7:201-205 Jl '60.

BLOOD

Hemodynamic disturbances following the use of therapeutic pneumoperitoneum. [illegible] '59.

Influence of blood and its component parts on the growth of Bact. tularense. M. I. Antoneva, L. I. [illegible]. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:[illegible] '59.

Influence of tetracycline hydrochloride on the peripheral blood picture in guinea pigs in experimental gas gangrene produced by B. perfringens [with summary in English]. [illegible] Antibiotiki 5 no.1:102-107 Ja-F '60.

Neurohumoral changes in the blood of tuberculosis patients following extensive lung surgery. [illegible] Pat. fiziol. i eksp. terap. [illegible] no.6:[illegible] '59.

Some hematological indexes in sheep of the Aral fine-fleeced group. B. N. Nikitin. Trudy Inst. fiziol. AN Kazakh. SSR 3:[illegible] '59.

Some hemodynamic indexes in hypertension patients in the neurogenic stage. B. A. Zelinskii. Vrach. delo no.7:[illegible] Jl '60.

Study of the blood indexes of guinea pigs vaccinated with live plague vaccines. N. I. [illegible]. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:185-189 '59.

BLOOD—ANALYSIS AND CHEMISTRY

Age characteristics of changes in the blood picture and bone marrow of white rats due to the action of cortisone [with summary in English]. Sung Tan-fen. Fiziol. zhur. [Ukr.] 6 no.4:509-516 Jl-Ag '60.

Blood picture of horses producing antiplague sera. First report. F. I. Tiaskovskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:157-175 '57.

Changes in the blood and urine of animals infected with tick-borne paralysis. V. N. Kusov, Z. K. Pospelova, V. M. Potechev. Trudy Inst. zool. AN Kazakh. SSR 12:228-235 '60.

Effect of chloroprene (2-chloro-1, 3-butadiene) on metabolism. V. G. Mkhitarian. Izv. AN Arm. SSR. Biol. nauki 13 no.2:37-[illegible] '60.

Morphological composition of the blood of horses producing antiplague sera. F. I. Tiaskovskaia, [illegible], K. P. Kaporskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:115-[illegible] '59.

BLOOD—CIRCULATION

Electroconvulsive therapy and coronary blood circulation. G. I. Frenkel'. Sov. zdrav. Kirg. no.1:18-22 Ja-F '60.

evaluation of patients with bronchiectasis. P. V. Mikitinova. Trudy LIETIN 2:80-88 '59.

Importance of some hemodynamic indexes for disability evaluation of patients with chronic nonspecific pneumonia. P. V. Mikitinova. Trudy LIETIN 2:[illegible] '59.

"Reflex regulation of the cardiac function in man" by V. V. Frol'kis. Reviewed by B. V. [illegible]. Fiziol. zhur. [Ukr.] 6 no.4:[illegible] Jl-Ag '60.

Significance of emotional influences on blood circulation in hypertension. P. V. Dul'nev. Voen.-med. zhur. no.5:81-83 My '60.

BLOOD—CIRCULATION, DISORDERS OF

Change in the amount of some mineral elements in rabbits' muscles following temporary loosening of a tourniquet. O. D. Kondratova. Uch. zap. 2 go MOGMI 17:57-60 '58.

Change in the mineral composition of the urine (sodium, calcium, inorganic phosphorus, and chlorine) in rabbits following the removal of a tourniquet. O. D. Sidorenko. Uch. zap. 2 go MOGMI 17:211-214 '58.

Change in the respiration of muscles of denervated extremities following the application and removal of a tourniquet. T. IA. Balaba, I. I. Malakhov. Uch. zap. 2 go MOGMI 17:141-143 '58.

Cholinesterase activity of the homogenates of rabbit brains during the application and removal of a tourniquet. G. M. Ivchenko. Uch. zap. 2 go MOGMI 17:177-180 '58.

Cholinesterase activity of the homogenates of rabbits' muscles during the application and removal of a tourniquet. G. M. Ivchenko. Uch. zap. 2 go MOGMI 17:59-63 '58.

Effect of a tourniquet on the body. V. M. Kushko, T. IA. Balaba. Uch. zap. 2 go MOGMI 17:5-10 '58.

Inclusion of S^{35} methionine in the proteins of the tissues of rabbits' extremities following the action of periodic loosening of a tourniquet. I. I. Malakhov. Uch. zap. 2 go MOGMI 17:110-120 '58.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the action on the extremities of a discontinuously applied tourniquet. V. A. Konyshev. Uch. zap. 2 go MOGMI 17:193-204 '58.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the removal of a tourniquet from the extremities. V. A. Konyshev. Uch. zap. 2 go MOGMI 17:187-192 '58.

Incorporation of S^{35} methionine into the tissue proteins and lipids of rabbit brains during the application of a tourniquet to the extremities. V. A. Konyshev. Uch. zap. 2 go MOGMI 17:167-170 '58.

Influence of a novocaine block on the incorporation of S^{35} methionine into the proteins of the muscle tissue of the extremities following the action of a tourniquet. I. I. Malakhov. Uch. zap. 2 go MOGMI 17:141-143 '58.

Influence of a novocaine block on the respiration of muscles following the application and removal of a tourniquet. T. IA. Balaba, I. I. Malakhov. Uch. zap. 2 go MOGMI 17:149-157 '58.

Influence of a tourniquet on the amount of certain mineral elements in the muscles of rabbits. O. D. Sidorenko. Uch. zap. 2 go MOGMI 17:49-57 '58.

Influence of a tourniquet on the amount of phosphorus and chlorides in the blood. N. IA. [illegible], A. P. Byrkin, B. IA. Shirgorodskaia. Uch. zap. 2 go MOGMI 17:215-220 '58.

Influence of a tourniquet on the lipid content of rabbits' muscles. I. D. Fel'dman. Uch. zap. 2 go MOGMI 17:[illegible]-86 '58.

Influence of a tourniquet on the toxicity of muscle extracts. V. M. Kushko, V. M. Shepeleva. Uch. zap. 2 go MOGMI 17:87-95 '58.

Influence of chilling the extremities on the amount of some mineral elements in rabbits' muscles during the application and removal of a tourniquet. O. D. Sidorenko. Uch. zap. 2 go MOGMI 17:[illegible]-116 '58.

Influence of the addition of various substrates on muscular tissue respiration following the application and removal of a tourniquet. T. IA. Balaba. Uch. zap. 2 go MOGMI 17:31-48 '58.

Influence of the application and removal of a tourniquet on the decomposition and synthesis of glycogen in the muscles. T. IA. Balaba. Uch. zap. 2 go MOGMI 17:65-71 '58.

Intensity of protein metabolism in the liver following the use of a tourniquet. I. I. Malakhov. Uch. zap. 2 go MOGMI 17:205-210 '58.

Oxidizing phosphorylation in the brain tissues of white rats during the application of a tourniquet. I. I. Panchenko, M. G. Khovanskaia. Uch. zap. 2 go MOGMI 17:101-105 '58.

Respiration of muscles following application and removal of a tourniquet with local chilling of the extremities. T. IA. Balaba. Uch. zap. 2 go MOGMI 17:97-111 '58.

Respiration of tissues of rat brains during the application and removal of a tourniquet. I. I. Panchenko. Uch. zap. 2 go MOGMI 17:159-165 '58.

Significance of sphygmography in the diagnosis of neurocirculatory dystonia. V. P. Nikitin. Voen.-med. zhur. no.5:22-26 My '60.

[illegible] periodically applied tourniquet. V. M. Kushko, G. M. [illegible] Uch. zap. 2 go MOGMI 17:[illegible]-224 '58.

Study of [illegible] flight personnel. [illegible] My '60.

[illegible] circulatory [illegible] P. I. [illegible]

[illegible] hypertension [illegible]

BLOOD—COLLECTION AND PRESERVATION

[illegible]

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BLOOD—DISEASES

[illegible]

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BLOOD—EXAMINATION

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BLOOD PLATELETS

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[illegible] Trudy LIETIN 2:304-[illegible]

[illegible]

Possibility of using electro[illegible] in the diagnosis of cancer [illegible] O. A. [illegible] Trudy LIETIN 2:310-315 '59.

Change in arterial pressure following use of the nitroglycerin test. G.E.Natanzon, I.A.Shilov. Kaz.med.zhur. 40 no.5:115-116 S-O '59.

Changes in arterial pressure in brain tumors. A.N. Malinochka. Vrach.delo no.7:62-64 Jl '60.

Dynamics of blood pressure in patients with traumatic epilepsy. V.I.Tankeevskaia. Kaz.med.zhur. 40 no.5:81-83 S-O '59.

Influence of intravenous transfusions of novocaine on arterial pressure in the brachial and temporal arteries. P.T.Andrenko. Vrach.delo no.7:113-114 Jl '60.

Influence of vitamin B_1 on arterial pressure. V.S.Halaban, V.E.Nagorskaia. Vrach.delo no.7:31-33 Jl '60.

Interrelationships between the state of coronary circulation and the level of general blood pressure [with summary in English]. M V.Il'chevych, V A.Kozak Fiziol zhur.[Ukr.] 6 no.4:545-552 Jl-Ag '60

Orthostatic changes in arterial pressure and in the oscillometric index in hypertension patients. V.M. Makotchenko. Vrach.delo no.7:112 Jl '60.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS

Albumin-globulin and phagocytic coefficients in chronic paranasal sinusitis. P.V.Sergienko. Kaz.med.zhur. 40 no.5:120-121 S-O '59.

Blood protein fractions in children in various forms of pulmonary tuberculosis treated with antibacterial preparations Z.V.Burkanova, R.P.Vel'tman. Pat.,klin i terap tub. no 8:39-40 '58

Blood protein fractions in hypertension patients. A.K. Karlindzhanov. Med.zhur.Uzb. no.12:60-61 D '59.

Blood proteins in patients with fibrous-cavernous tuberculosis R.M Izbolinskaia, R.P.Vel'tman. Pat.,klin i terap tub. no 8:41-44 '58.

Change in a proteinogram of the blood serum in children with influenza Vop okh mat i det 5 no 3:17-19 My-Je '60.

Changes in blood protein fractions in chronic nonspecific pneumonia and bronchiectasis. E.A.Sel'kov. Trudy LIETIN 2:136-140 '59.

Changes in the amount of blood proteins, albumins, and globulin fractions in children with nephritis in various phases of the disease IA.I Muratidi Vop okh mat.i det. 5 no 4:40-45 Jl-Ag '60

Changes in the blood protein fractions in guinea pigs under the influence of vaccination and infection with tuberculosis. R.M Izbolinskaia, R.P.Vel'tman, E.F.Chernushenko Pat.,klin.i terap.tub. no.8:70-63 '58

Effect of the functional state of the carotid sinus on the concentration of normal hemolysins and protein fractions in the blood serum [with summary in English] V S Zudin. Fiziol.zhur.[Ukr.] 6 no.4:553-560 Jl-Ag '60

Electrophoretic analysis of the composition of a specific precipitate [with summary in English]. IU.S.Tatarinov. Biul.eksp.biol.i med. 49 no.1:91-94 Ja '60.

Electrophoretic investigation of blood protein fractions in patients with rheumatic and infectious nonspecific polyarthritis before and following treatment with butadione. P.G.Podorozhnyi. Vrach.delo no.6:613-645 Je '60.

Immunoelectrophoresis of precipitating sera on paper. IU.S.Tatarinov. Lab.delo 6 no.3:37-39 My-Je '60.

Significance of paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the cerebrospinal fluid and blood serum in the diagnosis of tumorous and chronic inflammatory diseases of the nervous system. A.IU.Makarov. Trudy LIETIN 2:236-240 '59.

Some remarks on a method for the paper electrophoresis of blood proteins. A.A.Tokareva, P.A.Sherstnev. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:15-23 '58.

Studies of the fractional composition of the proteins, lipoproteins, and glycoproteins of the blood serum of cancer patients. E.V.Kalinina. Trudy LIETIN 2:316-327 '59.

Study of protein fractions of antiplague sera. P.A. Sherstnev and others. Izv.Irk.gos.nauch.-issl. protivochum.inst. 18:25-31 '58.

Study of the protein composition of the blood plasma and edema fluid in some types of experimental pulmonary edema [with summary in English]. Pat.fiziol.i eksp. terap. 4 no.3:60-65 My-Je '60.

Therapeutic and prophylactic properties of individual protein fractions of antiplague serum. L.E.Khundanov and others. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18:33-41 '58.

Use of fluctuations in the level of the sulfhydryl groups of blood proteins for the differential diagnosis between rheumatic and lingering septic endocarditis. I.L. Pebeiskovskii. Vrach.delo no.6:647-649 Je '60.

BLOOD SUGAR

Dynamics of the blood sugar level in various functional conditions of the higher portions of the central nervous system. Report No.3: Dynamics of the blood sugar level in dogs during the development of a neurotic condition. M.G.Airapetiants. Trudy Inst.vys.nerv. deiat.Ser.fiziol. 4:165-171 '60.

in the mother in cases of experimental craniocerebral injury and asphyxia of the fetus. A.A.Loginov, Kh.G. Kanbai. Dokl.AN Azerb.SSR 16 no.4,407-410 '60.

Importance of the functional state of the cerebral cortex in the regulation of the blood sugar level. F.D. Koldobskaia. Trudy Inst.fiziol.AN BSSR 3:155-161 '59.

Vitamine B_1 and the level of blood sugar. F.S.Pekker. Trudy VNIVI 6:207-216 '59.

BLOOD TUMOR see Hematoma

BLOOD VESSELS

Effect of stimulation of the taste receptors on interoceptive vascular reflexes. R.S.Zhur. Trudy Inst.fiziol. AN BSSR 3:111-119 '59.

Plethysmograph and arterial oscillograph readings for senile subjects [with summary in English]. IE.D. Honis. Fiziol.zhur.[Ukr.] 6 no.2:181-188 '60.

BLOOD VESSELS—DISEASES

Case of systemic vasculitis. I.S.Lifshits, E.M.Groditor. Vrach.delo no.6:633-635 Je '60.

BLOOD VESSELS—INNERVATION

Experimental morphological investigation of vascular innervation of adipose tissues [with summary in English]. I V.Toros'ka. Fiziol.zhur.[Ukr.] 6 no.4:532-540 Jl-Ag '60

BLOOD VESSELS—SURGERY

Achievements of modern vascular surgery. N.I.Krakovskii. Med.sestra 19 no.8:3-7 Ag '60.

BOARDING SCHOOLS

(see also subdivision under Sal'sk District)

Types of teaching and the ways of improving the efficacy of lessons in boarding schools. N.S.Pantina, I.M. Slepenkov. Dokl.APN no.4:41-44 '60.

BOATBUILDING

Builders of plastic boats. N.Bolgarov. Voen.znan 36 no 8:20-21 Ag '60.

Seagoing pleasure boat on underwater wings. P.I. Dzhorbenadze. Sudostroenie no.7:36-38 Jl '60.

BOATBUILDING—BIBLIOGRAPHY see Bibliography—Boatbuilding

BOATS AND BOATING

Collapsible boat for hunters. V.Somov. Tekh.mol. 28 no.5:20 '60.

BOBRKA DISTRICT—LIBRARIES, RURAL

All villagers are the readers of books. IU.Bazhenov. Sots.kul't. 13 no.7:37-38 Jl '60.

BOBROV, IVAN IVANOVICH, 1882-1960

Ivan Ivanovich Bobrov: an obituary. Sudostroenie 26 no.6:76 Je '60.

BOBRUYSK—AMATEUR THEATRICALS

Popular theater A Kaplan. Belarus' 17 no.5:13 My '60.

BOBRUYSK—PACKAGING MACHINERY

Bag-filling and sealing machine with a weight-proportioning device. V.Andreev. Kauch.i rez. 19 no.5:45-46 My '60.

BODO, NORWAY—AIR BASES

Report from Bodo. Gennadii Fish. Nov.vrem. 18 no.31: Jl '60.

BODO, NORWAY—FOREIGN RELATIONS—RUSSIA

Report from Bodo. Gennadii Fish. Nov.vrem. 18 no.31: 24-28 Jl '60.

BODY TEMPERATURE

Changes in the temperature of the gastric mucosa due to the effect of histamine [with summary in English]. S.V. Zemlians'kyi, V.IA.Berezovs'kyi. Fiziol.zhur.[Ukr.] 6 no.3.336-343 My-Je '60.

Effect of health resort therapy at the Khost sanatorium on the temperature regulation of patients with dystrophic polyarthritis. M.N.Sitkin. Voen.-med.zhur. no.6: 45-48 Je '60.

Subfebrile temperature in patients with neurocirculatory dystonia with a hypertensive reaction. P.I.Ilakov. Voen.-med.zhur. no.5:19-22 My '60.

Temperature reaction dynamics of the salivary gland during various intervals between the action of food stimuli [with summary in English]. D.H.Nalyvaiko. Fiziol.zhur.[Ukr.] 6 no.3:344-348 My-Je '60.

BODY TEMPERATURE—REGULATION

Effect of dry and moist food on the characteristics of thermoregulation and some blood indices of the suslik Citellus pygmaeus Pall. [with summary in English]. V.P.Kozakevich. Zool.zhur. 39 no.6:927-932 Je '60.

Vascular reactions to high temperature in cattle. S.M. Makhsudov. Uzb.biol.zhur. no.3:54-59 '60.

BOEHMITE see subdivision under Chistopol' region

Humanist trend in Czech literature during the 15th and 16th centuries [with summary in French]. I.N.Golenishchev-Kutuzov. Vest.Ist.mir.kul't. no.2:32-50 Mr-Ap '60.

BOILER MAKERS—TECHNOLOGICAL INNOVATIONS see subdivision under Belgorod

BOILERS

(see also subdivision under Archangel; Germany, West)

Analytic study of pressure drop in the upward flow of a gas-liquid mixture through a vertical pipe. N.S. Dmitriev. Trudy Ural politekh.inst. no.79 1-14 '59

Automatic control of boilers with ball barrel mills without an intermediate dust bin. T.P.Zamora and others. Elek.sta. 31 no.4:16-19 Ap '60.

Development of automatic control equipment for boiler systems [with summary in English]. V.D.Mironov. Avtom.i telem. 21 no.6:833-839 Je '60.

Device for grinding the packing rings of boiler locking bars. S.K.Kamenskii. Energokhoz.za rub. no.3:47 My-Je '60.

Experience in adopting external cyclones with simplified inlet of the steam and water mixture in boilers with gravity circulation. IA.F.Gridzin. Energomashinostroenie 6 no.7.38-39,48 Jl '60.

Experimental dynamic characteristics of a boiler-turbine unit. N.IA.Zaslavskaia, L.K.Suleimenova. Izv.AN Kazakh.SSR.Ser.energ. no.2:112-117 '60.

Heating system boilers fired with natural gas. V.F. Novitskii, A E.Trakhtenberg. Vod i san.tekh. no 7: 24-26 Je '60.

Improvement in the design of a leveling container. E.K. Vardomskii, E.Z.Gurevich. Elek.sta. 31 no.6:36-38 Je '60.

Methods for determining the dynamic characteristics of a boiler-turbine unit. E.V.Chuprinnov. Izv.AN Kazakh. SSR.Ser.energ. no.2:118-121 '60.

Motion of the heat-carrying agent through the section of the MG-2T boiler. B.A.Shcherbakov. Vod.i san.tekh. no.8:3-5 Ag '60.

Peak-load boilers used in district heating systems. N.I. Zhirnov and others. Energetik 8 no.6:29-34 Je '60.

Principles for the selection of metals for fastening parts of boilers and turbines. V.Z.TSeitlin. [Trudy] TSNIITMASH 100:248-258 '60.

Quick starting of high-pressure drum boilers. I.A.M Meshchaninov, G.F.Muchnik. Elek.sta. 31 no.4:10-16 Ap '60.

Selecting the optimal temperature for flue gases of power boilers [with summary in English, p.2]. M.A. Styrikovich, G.A.Matveev, V.I.Beliaev. Teploenergetika 7 no.7:27-32 Jl '60.

Some data pertaining to heat transfer in an annular channel with an external radiator. P.I.Saltykov, N.T.Spodyriak. Izv.AN Kazakh.SSR.Ser.energ. no.2:104-111 '60.

Vibrations from the air (gas) flow in pipe bundles of a steam generating unit [with summary in English, p.2]. V.V.Solov'ev. Teploenergetika 7 no.7:32-34 Jl '60.

BOILERS—DESIGN

Design of a steam generating unit of low capacity [with summary in English, p.2]. D.I.Rabinovich. Teploenergetika 7 no.7:34-39 Jl '60.

Remodeling the gas layer combustion chamber. B.K. Naumov. Energetik 8 no.6:12-14 Je '60.

BOILERS—EQUIPMENT AND SUPPLIES

"Technical specifications for assembling boiler equipment." Biul.stroi.tekh. 17 no.7:21 Jl '60.

BOILERS—INCRUSTATIONS

Damages to the screen pipes of steam boilers due to deposits of iron oxides. A.A.Kot. Elek.sta. 31 no.6: 26-28 Je '60.

Elimination of iron and phosphate deposits from the waterwall tubes of the salt interceptor of a boiler. N.A.Meshcherskii. Energetik 8 no.6:22-24 Je '60.

Some properties of ash deposits accumulated on waterwall pipes of boiler furnaces [with summary in English, p.2]. A.M.Gurvich, R.S.Prasolov. Teploenergetika 7 no.7:80-86 Jl '60.

BOILERS—MAINTENANCE AND REPAIR

New technology for the repairing of fire-tube boilers. V.Bochkarev. Rech.transp. 19 no.5:47 My '60.

BOILERS—SAFETY APPLIANCES

The necessity of raising safety requirements for small boiler rooms of heating systems. N.P.Korlagin. Vod. i san.tekh. no.7:26 Je '60.

BOILERS—TRANSPORTATION

Large block construction of boiler rooms in the Al'met'yevsk Petroleum Trust. M.S.D'iakov. Neftianik 5 no.6:19-20 Je '60.

BOILING WATER REACTORS

Theory of the stability of a homogeneous boiling water nuclear reactor. B V Ershler, B.Z.Torlin, L.IA. Suvorov. Atom.energ 9 no 1:5-9 Jl '60.

[illegible]

Smirnov, K. A. [Velikiye Bolgary; guidebook for the ancient site of the city] Velikie Bolgary, putevoditel' po gorodishchu. Moskva, Izd-vo Akad. nauk SSSR, 1960. 31 p.

BOLIVAR, SIMON, 1783-1830

Lavretskii, I.R. Bolivar. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 285 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no.6[299])

BOLOTOV, ANDREI TIMOFEEVICH, 1738-1833

Sources of Michurin's theories; A. T. Bolotov and I. V. Michurin's predecessors. A. A. Shcherbakova. Bot. zhur. 45 no.7:1082-1085 Jl '60.

BOL'SHAK, VASYL'

Our second meeting with the heroes of collective farm fields ("Let us cross the Dnieper", a tale based on fact. Reviewed by Levko Levandovs'kyi). Ukraina no.[illegible] 24 Je '60

BOL'SHAYA ROMANIKHA VALLEY (SIBERIAN PLATFORM)—SEDIMENTS (GEOLOGY)

Finds of Mesozoic sediments in the northern Siberian Platform in the upper Bol'shaya Romanikha Valley. V. P. Safronov. Inform. biul. NIIGA no.11:[illegible] '59.

BOL'SHAYA SHAYTANOVKA VALLEY—SILICA

Siliceous Carboniferous rocks of the Bol'shaya Shaytanovka River (Northern Urals). V. A. Chermnykh. Dokl. AN SSSR 133 no.[illegible] Jl '60.

BOL'SHAYA VRADIYEVKA DISTRICT—CATTLE FEEDING AND FEEDS

A brigade of machinery operators will fatten 800 head of cattle. A. Rozhko. Sil'. gosp. (Ukr.) [illegible] no.6:[illegible] Je '60

BOL'SHAYA VRADIYEVKA DISTRICT—STOCK AND STOCKBREEDING

Praiseworthy initiative. I. Prokhorenko. Nauka i zhyttia 10 no.6:30 [illegible] Je '60

BOL'SHAYA ZHIDA VALLEY—PYROXENITE

Ore-bearing perovskite pyroxenite intrusion in the Eastern Sayans. A. A. Konev. Dokl. AN SSSR 133 no.4:915-918 Ag '60

BOL'SHEVISM see Communism

BOL'SHEZEMEL'SKAYA TUNDRA—ARCTIC FOX

Some data on the biology and ecology of the Arctic fox with reference to the nature of distribution of its dens in the Bol'shezemel'skaya and Malozemel'skaya tundras. V. D. Skrobov. Biul. MOIP. Otd. biol. 65 no.1:28-36 My-Je '60

BOL'SHIYE LIAKHVI VALLEY—GEOLOGY

Main stages in the formation of the present-day Bol'shiye Liakhvi River Valley in the light of new data on geological - morphological conditions of paleolithic stratification in Southern Ossetia. A. D. Kolbutov. Mat. i issl. po arkheol. 79:70-87 '60

BOL'SHIYE LIAKHVI VALLEY—STONE AGE

Main stages in the formation of the present-day Bol'shiye Liakhvi River Valley in the light of new data on geological - morphological conditions of paleolithic stratification in Southern Ossetia. A. D. Kolbutov. Mat. i issl. po arkheol. 79:70-87 '60.

BOL'SHOY ONGUREN—FIELD MICE

New data on the distribution of the Sayan mountain field mouse. N. I. Litvinov. Izv. Irk. gos. nauch.-issl. protivochum. inst. [illegible] '58.

BOL'SHOY SHIMGAN MOUNTAIN REGION—WINDS

Slope circulation in a mountain region. [illegible] Izv. [illegible] Geog. ob-va [illegible] '60

BOLTS AND NUTS

Causes for the delayed breakdown of bolts made of high-strength steels. O. I. Bakhvalov, V. V. Petrov, IA. B. Fridman. Vest. mash. 40 no.6:10-11 Je '60

High-strength, heat treated St.45 steel bolts. I. I. Gladshtein. Stal' 20 no.8:765-767 Ag '60.

BOLTS AND NUTS—VIBRATION

Causes of the loosening of nuts in a state of vibration [with summary in English]. [illegible] Dop. AN URSR no.6:[illegible] '60.

BOLYAI, JÁNOS, 1802-1860

Bolyai and Lobachevskii. B. N. Delone. Priroda 49 no.7:70-74 Jl '60

Janos Bolyai, the great Hungarian mathematician. V. [illegible] no.5:58-61 My '60.

BOMBING, AERIAL

Attacking ground targets from a zooming turn or roll. I. D. Kachorovskii. Vest. Vozd. Fl. no.6:24-28 Je '60

Closely anticipating the length of time for the bomb to fall. V. P. Kulakov. Vest. Vozd. Fl. no.7:54-56 Jl '60.

[illegible]

Taking down the operation of the transmitter of a bomb sight on a barogram. O. B. Aronov. Vest. Vozd. Fl. no.5:85 My '60.

BONE

Metastasis of mucous membrane of a dog's mammary gland into the bone simulating primary sarcoma of the bone and the possible source of the pathogenesis of cancer in the [illegible] [with summary in English]. [illegible] Pat. fiziol. i eksp. terap. [illegible] My-Je '60

BONES

Age morphology of the ossification of bones. [illegible] Dokl. APN [illegible] '59

Growth of the diaphysis of long bones in man. [illegible] Svadkovskii. Dokl. APN no.1:111-116 '59.

Metapodial variability and [illegible] of ancient cattle [with summary in English]. [illegible] Biul. MOIP. Otd. biol. 65 no.1:[illegible] '60

BONES—CANCER

Characterization of metastases of breast cancer into the bones. P. M. Temnov. [illegible] '60

BONES—DISEASES

Clinical aspects of metastatic tumors and the [illegible] of metastases into the bones. [illegible] '60

Dynamics of the [illegible] [with summary in English]. [illegible]

Dystrophic processes in the [illegible] of the hip joint. V. V. Artem'ev. [illegible]

Strukov, A. I., ed. [Pathological anatomy of diseases of the bones] Patologicheskaia anatomiia boleznei kostnoi sistemy. Moskva, Medgiz, [illegible]
(MIRA [illegible])

Working classification of the diseases of the osteoarticular apparatus. [illegible] Rokhlin [illegible] '59.

BONES—TUBERCULOSIS

Ascorbic acid balance in children with [illegible] tuberculosis. [illegible]

Frequency and [illegible] tuberculosis of the bones and joints. [illegible]

BONES—TUMORS

[illegible] A. A. [illegible] '60

BONUS SYSTEM

(See also subdivision under Europe, Eastern [illegible])

Bonus fund for [illegible] Ap '60

New regulations on the [illegible]

Planning and accounting [illegible]

Rules for bonus payments [illegible] Ap '60

Using the principle of material self-interest [illegible] 20 no.7:[illegible] Jl '60

BOOK DESIGN

Improving [illegible] Poligr. proizv. [illegible]

Results of the competition [illegible] Poligr. proizv. [illegible]

BOOK EXCHANGES see also subdivision "Exchanges, literary and scientific" under [illegible]

[illegible]

Needed [illegible] Poligr. proizv. [illegible]

BOOK ILLUSTRATION see Illustration of books

BOOK INDUSTRIES—EXHIBITIONS see subdivision under Baku

BOOK [illegible] see subdivision under Patent

BOOKBINDING see subdivision under Mongolia. [illegible]

BOOKBINDING—EQUIPMENT AND SUPPLIES

Mechanical gathering device for backing machines. [illegible] Berganova. Poligr. proizv. no.5:19 My '60.

BOOKS

Barenbaum, I.E., and T.E. Davydova. [History of the book, a textbook] Istoriia knigi, uchebnoe posobie. Moskva, Izd-vo "Sovetskaia Rossiia."
Pt.1. [Books in Russia up to 1917] Kniga v Rossii do 1917 g. 1960. 198 p.

[illegible]

BORING—LABOR PRODUCTIVITY see subdivision under Leninogorsk

BORING MACHINERY

BMP-110 boring machine. P. I. Porvakhin. Gor. zhur. no.7:56-57 Jl '60.

Calculating the wear of drill pipes; a topic for discussion. S. G. Plotel'. Neft. khoz. 38 no.3:18-22 Mr '60.

Early period in the development of boring machinery. V. P. Remchinov. Vop. ist. est. i tekh. no.9:111-140 '60.

Hand drill. L. F. Osipovskii, V. A. Bilichenko. Vest. AN Kazakh. SSR 16 no.4:87-88 Ap '60.

Machine for boring holes in frozen ground. G. P. Tarakanov, L. I. Khozovich. Transp. stroi. 10 no.6:40-42 Je '60.

Machine for drilling holes in frozen soils. V. I. Lebedev. Biul. tekh.-ekon. inform. no.7:35-37 '60.

Machine for key slot cutting on bore rods. G. E. IAtsyk. Gor. zhur. no.7:73 Jl '60.

The SVU-55 self propelling vibratory drilling unit. D. A. Alekseev, A. M. Gol'fgat. Gidr. stroi. 30 no.6:16-17 Je '60.

Star bit with a welded tip. I. I. Demeshko. Razved. i okh. nedr 26 no.5:16 My '60.

Use of minor mechanization in drilling bore holes. V. I. Kirichenko. Ugol' Ukr. 4 no.6:17 Je '60.

Using core and hand electric bits for drilling underground holes. P. I. Kalinin. Razved. i okh. nedr 26 no.5:26-29 My '60.

BORING MACHINERY—PNEUMATIC DRIVING

Ways of increasing the speed of compressed air percussion drilling. V. P. Zinin. Izv. vys. ucheb. zav.; gor. zhur. no.7:68-71 '60.

BORING MACHINERY—TECHNOLOGICAL INNOVATIONS

Mechanization of the boring of blast holes. M. A. Budalov, M. M. Tsitor. Mekh. i avtom. proizv. 14 no.6:54-55 Je '60.

BORINGS

Using air for removing cuttings from water encroached well bottoms in core drilling. B. B. Kudriashov. Izv. vys. ucheb. zav.; geol. i razv. 3 no.4:131-135 Ap '60.

BORISLAV DISTRICT—DESCRIPTION AND TRAVEL

On Borislav land. Petro Kozlaniuk. Sov. kul't. 11 no.7:9-11 Jl '60.

BORISPOL'—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Reconditioning truck and tractor parts at the Borispol' Tractor Repair Station by means of welding. [illegible] Svar. proizv. no.7:12-14 Jl '60.

BORNEOL

Studies in the field of the saponification of borneol and bornyl esters. Report No. 1: Kinetics of the alkaline saponification of bornyl and fenchyl acetates in alcohol-water solutions. L. A. Kolinovskaia, G. A. Rudakov, [illegible] Gidroliz. i lesokhim. prom. 13 no.3:11-13 '60.

BORON—ANALYSIS

Determination of free boron in boron carbide, boron nitride, and in alloys based on them [with summary in English]. E. F. Kotlia, T. N. Nazarchuk. Zhur. anal. khim. 15 no.2:207-210 Mr-Ap '60.

Quantitative microdetermination of boron in organic compounds by combustion in oxygen. S. I. Obtemperanskaia, V. N. Likhosherstova. Vest. Mosk. un. Ser. 2: Khim. 15 no.1:57-59 '60.

BORON—ISOTOPES

Separation factors of boron isotopes in the vaporization of boron fluoride at equilibrium [with summary in English]. N. N. Sevriugova, O. V. Uvarov, N. M. Zhavoronkov. Zhur. fiz. khim. 34 no.5:1004-1008 My '60.

BORON-BERYLLIUM ALLOYS see Beryllium boron alloys

BORON CARBIDE

Determination of free boron in boron carbide, boron nitride, and in alloys based on them [with summary in English]. E. F. Kotlia, T. N. Nazarchuk. Zhur. anal. khim. 15 no.2:207-210 Mr-Ap '60.

BORON CHLORIDE

Reaction of tetrafluoroethylene with boron trichloride. Kh. R. Raver, A. B. Bruker, L. Z. Soborovskii. Zhur. ob. khim. 30 no.7:2360-2368 Jl '60.

BORON FLUORIDE

Alkylation of phenol by molecular compounds of alcohols with boron fluoride. I. A. Romadan, G. T. Stupnick. Zhur. ob. khim. 30 no.7:2103-2106 Jl '60.

Fluorination of an acetonitrile complex by means of boron trifluoride. M. A. Englin and others. Zhur. ob. khim. 30 no.7:2371-2374 Jl '60.

Separation factors of boron isotopes in the vaporization of boron fluoride at equilibrium [with summary in English]. N. N. Sevriugova, O. V. Uvarov, N. M. Zhavoronkov. Zhur. fiz. khim. 34 no.5:1004-1008 My '60.

BORON IODIDE

Systems $SiI_4 - BI_3$ and $SiI_4 - Al_2I_6$. L. A. Niselson, V. N. Cherniaev. Zhur. neorg. khim. 5 no.7:1564-1566 Jl '60.

BORON NITRIDE

Determination of free boron in boron carbide, boron nitride, and in alloys based on them [with summary in English]. E. F. Kotlia, T. N. Nazarchuk. Zhur. anal. khim. 15 no.2:207-210 Mr-Ap '60.

BORON ORGANIC COMPOUNDS

Interalkylation reactions in the series of elements of the third and second groups (Al, B, Zn, Mg). L. I. Zakharkin, O. IU. Okhlobystin. Zhur. ob. khim. 30 no.7:2134-2138 Jl '60.

Organoboron compounds. Reactions of 1,2-diaryldiboranes with olefin and diene hydrocarbons. B. M. Mikhailov, V. A. Dorokhov. Dokl. AN SSSR 133 no.1:119-122 Jl '60.

BORON OXIDE

Measurement of the saturated vapor pressure of boric anhydride [with summary in English]. A. N. Nesmeianov, L. P. Firsova. Zhur. fiz. khim. 34 no.5:1043-1045 My '60.

BOROVICHI—PRISONS

There was a prison in the city of Borovichi. V. Molotkov. Sov. iust. no.7:14-15 Jl '60.

BOROZDIN, IL'IA NIKOLAEVICH, 1883-1950

I. N. Borozdin, obituary. A. P. Moskalenko. Sov. arkheol. 4 no.2:313-314 '60.

BORZHOMI—MINERAL WATERS

Borzhomi. L. A. Rutenberg. Zdorov'e 6 no.7:30 Je '60.

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL GARDENS see subdivision under China; Frunze; London; Prague

BOTANICAL RESEARCH

Method of analyzing plant populations. [illegible], V. A. [illegible]. Biul. MOIP. Otd. biol. 65 no.1:77-89 Ja-F '60.

BOTANISTS, RUSSIAN

A valuable contribution to the history of Russian botany ("Outstanding Russian botanists" by N. A. Bazilevskaia and others. Reviewed by I. V. [illegible]). Biul. Glav. bot. sada no.36:91 '60.

BOTANY

(see also subdivision under Azerbaijan, Baikal region, Bug Valley, Caucasus, Chungkemin Valley, Kirghiz Range, Kirghizistan, Pamirs, Sayan Mountains, Sikhote-Alin' Range, White Russia)

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut botaniki [Collection of works by graduate students and young scientists dedicated to the 1500th anniversary of Tiflis and the 40th anniversary of the Communist Youth League] Sbornik rabot aspirantov i molodykh nauchnykh rabotnikov, posviashchennyi 1500-letiiu Tbilisi i 40-letiiu Komsomola. Tbilisi, 1960. 59 p. [In Georgian with summaries in Russian.]

Descriptive list of new plants in Russian publications except those known from previous descriptions [in Latin]. Pt. 1. V. Bochantsev. Bot. mat. Gerb. 20:483-507 '60.

BOTANY—ANATOMY

Structure of the epidermis in representatives of the family Hamamelidaceae. N. T. Skvortsova. Bot. zhur. 45 no.5:712-717 My '60.

BOTANY—CLASSIFICATION

"Key for the identification of trees and shrubs in a leafless state" by A. I. Nosikov. Reviewed by I. I. [illegible]. Bot. zhur. 45 no.6:924-926 Je '60.

New type of linear (nondichotomous) key for plant identification. B. I. Ilkhovskii. Bot. zhur. 45 no.6:884-887 Je '60.

System of diagnostic characters of vegetation units [with summary in English]. G. I. Dokhman. Bot. zhur. 45 no.5:637-648 My '60.

BOTANY—CONGRESSES

Ninth International Botanical Congress in Montreal, Canada. D. A. Tykhonygrov. Ukr. bot. zhur. 17 no.3:101-105 '60.

BOTANY—ECOLOGY

(see also subdivision under Omsk region)

"Biogeography", an ecological perspective [in English] by Pierre Dansereau. Reviewed by A. I. Tolmachev. Bot. zhur. 45 no.6:922-924 Je '60.

Geographical variability of chromium in plants. E. A. Dorogantevskaia. Vop. geog. no.48:135-149 '60.

Position of subshrubs in the evolution of life forms from trees to grasses. V. N. Golubev. Biul. Glav. bot. sada no.36:31-37 '60.

Some results achieved and problems in studying the variability of feed composition in the U.S.S.R. IU. N. Kurazhkovskii. Vop. geog. no.48:165-185 '60.

BOTANY—MAPS see subdivision under Soviet Central Asia

BOTANY—MORPHOLOGY

Asymmetry of plant leaves and flowers. IU. A. Urmantsev. Dokl. AN SSSR 133 no.3:700-703 Jl '60.

Ecologico-morphological characteristics of life forms of herbaceous plants in the forest steppe of Western Siberia [with summary in English]. V. N. Golubev. Bot. zhur. 45 no.7:979-996 Jl '60.

Effect of gibberellic acid on the morphology of some flowering plants [with summary in English]. V. F. Verzilov, A. S. Kasparian. Zhur. ob. biol. 21 no.4:308-312 Jl-Ag '60.

Morphological features of the formation of reproductive organs in Poa bulbosa L. T. G. Popolina. Bot. zhur. 45 no.7:1032-1039 Jl '60.

BOTANY—PERIODICALS see subdivision under Poland

BOTANY—PHYSIOLOGY

Water cycle and metabolism of plants. Z. V. Pozdniakova. Vest. AN SSSR 30 no.7:100-102 Jl '60.

BOTANY—STUDY AND TEACHING

(see also subdivision under Yushta)

Lessons in studying the pulse family. I. A. Nevskii. Biol. v shkole no.4:15-18 Jl-Ag '60.

Method of excursions for the study of plants in a Pioneer camp. M. I. Badiagina. Biol. v shkole no.3:47-50 My-Je '60.

Method of studying the subject "Variety of flowering plants." B. V. Vsesviatskii. Biol. v shkole no.4:10-15 Jl-Ag '60.

BOTANY, MEDICAL

(see also subdivision under Altai Mountains, Ukraine, Vorskla Valley)

Hypoglycemic action of some medicinal plants. S. M. Kit, G. G. Orlik. Vrach. delo no.6:617-621 Je '60.

Remedies borrowed from nature. S. M. Navashin. Znan. sila 35 no.5:18-19 My '60.

Voldarskii, L. I. [Practical manual on the collection and procurement of wild medicinal plants] Prakticheskoe rukovodstvo po sboru i zagotovke dikorastushchikh lekarstvennykh rastenii. Moskva, Medgiz, 1959. 278 p.
(DNLM)

BOTTLES see subdivision under Aschala

BOUNDARY LAYER

Boundary layer of a plane-parallel stream of a compressed fluid. I. P. Ginzburg, K. M. Shliakhtina. Uch. zap. LGU no.280:180-196 '60.

Free heat convection near a horizontal cylinder in highly viscous media [with summary in English]. A. Sh. Asaturian, B. A. Tonkoshkurov. Inzh.-fiz. zhur. no.6:58-61 Je '60.

Turbulent boundary layer of a plate in a compressible fluid. I. P. Ginzburg, A. A. Slemeta. Uch. zap. LGU no.280:170-185 '60.

BOUNDARY VALUE PROBLEMS

Capability of the electric integrator to solve Dirichlet and Neumann problems on a tape. O. V. Tozoni. Izv. vys. ucheb. zav.; elektromekh. 3 no.6:16-30 '60.

Volynskii, B. A., and V. E. Bukhman. [Models for solving boundary problems] Modeli dlia resheniia kraevykh zadach. Pod red. L. A. Liusternika. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 451 p. (Fiziko-matematicheskaia biblioteka inzhenera)

BOX MAKING—TECHNOLOGICAL INNOVATIONS

Mechanizing the production of wooden boxes. B. A. Vaisman. Mekh. i avtom. proizv. 14 no.6:23-26 Je '60.

BOXES

Differentiated norms for raw stock consumption in manufacturing boxes. M. G. Mikhlin. Der. prom. 9 no.7:25 Jl '60.

BOXING

Dzhorolan, G. O., and N. A. Khudadov. [Boxing for students] Boks shkol'niku; nachal'noe obuchenie. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 130 p.

The ring is calling. Mikhail Aleksandrov. Ogonek 38 no.31:28-29 Jl '60.

BRACHIOPODA, FOSSIL see subdivision under Belaya Valley (Krasnodar Territory); Berchogur region; Guba Valley

BRAHMS, JOHANNES, 1833-1897

Brahms' "German Requiem." S. Shlifshtein. Sov. muz. 24 no.7:137-138 Jl '60.

BRAID

Braiding spindle with a double movement of the thread. B. S. Peskov. Tekst. prom. 20 no.6:36-38 Je '60.

BRAIN

Certain reactions in the organism in isolated hypothermia of the brain [with summary in English]. N. V. Semenov, G. A. Chetverikova, T. I. Konstantinova. Biul. eksp. biol. i med. 49 no.1:35-38 Ja '60.

Cholinesterase activity of the homogenates of rabbit brains during the application and removal of a tourniquet. G.M.Ivchenko. Uch.zap.2-go MGMI 17:177-180 '58.

Ecologico-histophysiological analysis of the preoptic-hypophysial neurosecretory system in sturgeons. I.A.Barannikova, A.L.Polenov. Dokl.AN SSSR 133 no.3:719-721 Jl '60.

Effect of decerebration on changes in the respiration of rabbits and pigeons in a state of hypoxia [with summary in English]. N.V.Lauer, A.Z.Kolchynska. Fiziol. zhur. [Ukr.] 6 no.4:400-407 Jl-Ag '60.

Effect of hexenal and ether on the accommodation of the cerebral cortex and some parts of the brain stem to the rhythm of light stimuli [with summary in English]. O.M. Rasumielev. Fiziol. zhur. [Ukr.] 6 no.3:303-310 My-Je '60.

Effect of ionizing radiation on protein metabolism in the brain. K.I.Pogodaev, M.S.Osipova, Z.I.Koneeva. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:330-341 '60.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the action on the extremities of a discontinuously applied tourniquet. V.A.Konyshev. Uch.zap.2-go MGMI 17:199-204 '58.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the removal of a tourniquet from the extremities. V.A.Konyshev. Uch.zap.2-go MGMI 17:187-198 '58.

Incorporation of S^{35} methionine into the tissues, proteins, and lipoids of rabbit brains during the application of a tourniquet to the extremities. V.A.Konyshev. Uch. zap.2-go MGMI 17:167-176 '58.

Influence of sodium amytal on the transfer of sugar from the arterial blood into the tissue of the posterior extremities and into the brain [with summary in English]. S.G.Genes, P.M.Charnaia. Biul.eksp.biol.i med. 49 no.1:64-68 Ja '60.

Oxidizing phosphorylation in the brain tissues of white rats during the application of a tourniquet. L.F. Panchenko, M.G.Khovanskaia. Uch.zap.2-go MGMI 17:181-185 '58.

Pavlovich, N.S. [Some problems in the physiology and pathology of the reticular formation of the brain. Nekotorye voprosy fiziologii i patologii setevidnoi formatsii golovnogo mozga. Tbilisi, Izd-vo Akad. nauk Gruz.SSR] 1959. 70 p. [In Georgian.]

Respiration of tissues of rat brains during the application and removal of a tourniquet. L.F.Panchenko. Uch.zap.2-go MGMI 17:159-166 '58.

Shustin, N.A. [Physiology of the frontal lobes of the brain; experimental research] Fiziologiia lobnykh dolei golovnogo mozga; eksperimental'noe issledovanie. [Leningrad] Medgiz, 1959. 232 p.
(DNLM)

BRAIN--DISEASES

Controversial aspects of teaching mute children who can hear. V.K.Orfinskaia. Uch.zap.Ped.inst.Gerts. 171:191-205 '59.

Difficulties in the diagnosis of endocarditis combined with cerebral pathology. A.G.Kulikovskii. Vrach.delo no.6:631 Je '60.

Disturbance of abstraction and of the naming of spatial attributes in the case of a syndrome of a lesion of the inferior parietal lobe of the dominant hemisphere. E.P.Kok. Dokl.APN no.2:121-124 '60.

Some peculiarities of the clinical aspects of vascular diseases of the brain in persons over 70 years old. V.M.Lialitskaia. Vrach.delo no.7:48-51 Jl '60.

Some problems in the diagnosis of arachnoiditis of the brain and in disability evaluation connected with it. P.A. Makkaveiskii, N.A.Sanamian. Trudy LIETIN 2:232-237 '59.

Types of the motor and optical alalia. V.K.Orfinskaia. Uch.zap.Ped.inst.Gerts. 171:207-221 '59.

BRAIN--FOREIGN BODIES

Rare case of finding a sewing needle in the brain. A.I. Adrianovskii. Kaz.med.zhur. 40 no.5:65-67 S-O '59.

BRAIN--INFLAMMATION see Encephalitis

BRAIN--SURGERY

Around us. Ogonek 38 no.27:8 Jl '60

BRAIN--TUMORS

Changes in arterial pressure in brain tumors. A.N. Malinochka. Vrach.delo no.7:62-64 Jl '60.

Multiple brain tumors. E.R.Al'tshuler. Kaz.med. zhur. 40 no.5:60-61 S-O '59.

BRAINS--WOUNDS AND INJURIES

Carbohydrate and pigmentary function of the liver in vascular injuries of the brain [in Armenian with summary in Russian]. A.V.Stepanian. Izv.AN Arm.SSR. Biol.nauki 13 no.2:59-75 F '60.

Lability of vascular reactions as an index of the profundity of the pathological condition in intracranial injury of the newborn. Iu.F.Zmanovskii, V.N.Shishkova. Vop.okh.mat.i det. 5 no.4:59-64 Jl-Ag '60

Some problems in the disability evaluation of patients with late consequences of closed brain trauma without organic symptoms. P.A.Makkaveiskii. Trudy LIETIN 2:213-217 '59.

"Retinax." A.V.Chichinadze. Nauka i zhizn' 27 no.5:63 My '60

Self-braking reverse as means for evaluating the reliability of self-braking mechanisms. A.P.Ravvin. Vest. mash. 40 no.7:40-41 Jl '60.

BRASS--ANALYSIS

Determination of the high content of copper in stannous and plumbous brasses in a PLS-1 unit. L.B.Abramova, S.N.Marvin, V.A.Slavnyi. Zav.lab. 26 no.6:674-675 '60.

BRASS--METALLOGRAPHY

Effect of streaky structure in L63 brass on its mechanical and technological properties. A.I.Chipchenko, L.D.Kharitonova. Tsvet.met. 33 no.5:60-68 My '60.

BRASS--METALLURGY

Role of lead in leaded brass. A.A.Presniakov and others. Tsvet.met. 33 no.7:[illegible] Jl '60

BRATISLAVA--SCHOOL LUNCHROOMS, CAFETERIAS, ETC.

Student cafeteria. M.Gromov. Obshchestv.pit. [illegible] 61-63 Je '60

BRATSK--CITY PLANNING

The city of our [illegible] V.Bazhin. Smena 37 no.11:[illegible] '60

BRATSK--RESERVOIRS

Problems of navigation on the Angara during the period of filling the Bratsk Reservoir. S.Kozhanov, I.[illegible] Rech.transp. 19 no.5:33-36 My '60.

BRATSK HYDROELECTRIC POWER STATION

Winter concreting practices in the construction area of the Bratsk Hydroelectric Power Station. G.I.[illegible]shanovich. Gidr.stroi. 30 no.[illegible] '60.

BRATSK HYDROELECTRIC POWER STATION--HYDRAULIC TURBINES

Electric slag welding of turbine penstock at the Bratsk Hydroelectric Power Station. G.G.Rozenberg, V.P. Andreev, I.I.Antoshin. Avtom.svar. 13 no.7:91-93 Jl '60.

Welded and cast runners for large Francis turbines at the Bratsk Hydroelectric Power Station. G.A.[illegible] Energomashinostroenie 6 no.7:[illegible] Jl '60

BRATSK HYDROELECTRIC POWER STATION--HYDROLOGY

Hydrometeorological service during the damming of the Angara River at the construction site of the Bratsk Hydroelectric Power Station. Sh.A.[illegible], N.I. [illegible] Meteor.i gidrol. [illegible] Jl '60

BRAZIL--COMMERCE--RUSSIA

Trade relations between the U.S.S.R. and Brazil develop successfully [with English summary in appendix]. [illegible] Vnesh.torg. 30 no.[illegible] '60.

BRAZING--EQUIPMENT AND SUPPLIES

Introducing automatic control of gas flame brazing of tubular joints. I.A.Antonov, G.A.Asinovskaia, [illegible] VNIIAvtogen no.7:104-122 '60.

BREAD

In defense of rye bread. [illegible] 4 no.7:44 Jl '60.

Russia (1923- U.S.S.R.) [illegible] [Bread and baked products] Khleb i khlebobulochnye izdeliia. Izd.ofitsial'noe. Moskva, 1959. 151 p. (Gosudarstvennye standarty SSSR)

BREAKWATERS

Designing wave-damping breakwaters for [illegible] waves in rapid currents with marked [illegible] O.V.[illegible] '60.

BREAM

(see also subdivision under Issyk Kul', Volga Delta)

Comparing the developmental stages of bream (Abramis brama (Linné)) from the Kuban River and the Volga and Don Rivers. [illegible] Trudy Inst.morf. zhiv. no.27:25-46 '60.

Late developmental stages of roach (Rutilus rutilus heckeli (Nordmann)), bream (Abramis brama (L.)), and carp (Cyprinus carpio (L.)) in the lower Volga Delta and the northern Caspian. [illegible] Trudy Inst.morf.zhiv. no.27:137-160 '60.

BREAST--CANCER

Characteristics of metastases of breast cancer into the bones. P.M.Leonov. Vrach.delo no.7:73-76 Jl '60.

Metastasis of microscopic cancer of a displaced mammary gland into the bone, simulating primary sarcoma of the bone, and the possible cause of the pathogenesis of cancer in the given case [with summary in English]. S.A.[illegible] Pat.fiziol.i eksp.terap. 4 no.3:52-55 My-Je '60.

BREAST FEEDING

May nursing mothers smoke? M.M.Sidorova. Zdorov'e 6 no.6:13 Je '60

[illegible]

[illegible]

(see also subdivision under Leningrad)

Calculating the dynamic effect for prestressed reinforced concrete composite bridge span structures. E. A. Bekhniashvili, IU.S.Sarkisov, I.E.Blus. Bet.i zhel.-bet. no.6:271-273 Je '60.

Conference on new trends in designing bridges. I. Khazan. Avt.dor. 23 no.7:28-29 Jl '60.

BRIDGES—FOUNDATIONS AND PIERS

Designing columnal shell foundations for working loads. K.S.Silin, K.S.Zavriev, G.S.Shpiro. Transp.stroi. 10 no.7:42-46 Jl '60.

Designing high grillage foundations of bridges with vertical piles. E.V.Kosterin. Osn., fund.i mekh. gr. 2 no.3:21-22 '60.

Piles for high gratings. V.I.Skrynnikov. Avt.dor. 23 no.7:9-10 Jl '60.

BRIDGES, ALUMINUM

New designs of aluminum-alloy span bridges. IU.S.L'vov. Transp.stroi. 10 no.5:54-56 My '60.

BRIDGES, ARCHED see subdivision under Klyaz'ma River

BRIDGES, CONCRETE

(see also subdivision under Ukraine)

Dismountable stand for making reinforced concrete span structures. M.V.Iolin, A.S. Zaprudnev. Transp.stroi. 10 no.6:13-15 Je '60.

BRIDGES, IRON AND STEEL

(see also subdivision under Stalinsk)

Using precast reinforced concrete in steel reinforced-concrete span structures. N.N.Streletskii. Transp. stroi. 10 no.6:48-51 Je '60.

BRIDGES, WOODEN see subdivision under United States

BRINELL TEST

Device for accelerating tests on the Brinell press. A.B Frenkel'. Zav.lab. 26 no.7:886-888 '60.

BRIQUETS (FUEL)

(see also subdivision under Votinsk)

Briquetting of wood waste. P.A.Davidenko. Der.prom. 9 no.5:20-21 My '60

Selecting steam pressure for tubular dryers. E.G.Volkovyskii. Ugol' Ukr. 4 no.6:17-19 Je '60.

BRITISH COMMONWEALTH OF NATIONS see Commonwealth of Nations

BRITISH GUIANA—MBAYA INDIANS

The last of the Mbaya (to be concluded). Nicholas Guppy. Vokrug sveta no.6:39-41 Je '60.

BRITISH NORTH BORNEO see North Borneo

BRITTANY—CITIES AND TOWNS, MEDIEVAL

The origin of feudal towns in Brittany. A.IA.Shevelenko. Nauch.dokl.vys.shkoly;ist.nauki no.3:193-203 '60.

BRODY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Makionek,T.A. [Notes of a propagandist] Zapiski propagandista. Moskva, Gos.izd-vo polit.lit-ry, 1960. 45 p. (Voprosy partiinogo stroitel'stva)

BRODY DISTRICT—COMMUNITY CENTERS

A club and its local branches. V.Stoliar, IA.Zhmud'. Fots.kul't. 13 no.7:16-17 Jl '60.

BROMINATION

Stereochemistry of reactions of addition to a triple bond. Report No.5: Stereochemistry of bromination of disubstituted acetylenes. I.D.Bergel'son. Izv.AN SSSR. Otd.khim.nauk no.6:1066-1072 Je '60.

BROMINE

Effect of bromine on the characteristics of selenium photocells. G.B.Abdullaev and others. Dokl.AN Azerb.SSR 16 no.4:323-326 '60.

Kinetics of reactions between strontium, barium, and lead chlorides and bromine vapor [with summary in English]. V.A.Khromova. Zhur.fiz.khim. 34 no.6:1204-1208 Je '60.

Tissular respiration during the action of bromine. K.V. Famichenka. Vestsi AN BSSR.Ser.biial.nav. no.2: 101-110 '60.

BROMINE—ANALYSIS

Determination of moisture in bromine. V.P.Boltsova, K.D.Rusinova, N.I.Stepanova. Zav.lab. 26 no.5: 550-551 '60.

Potentiometric microtitration of halides in organic compounds following their mineralization [with summary in English]. V.A.Klimova, M.D.Vitalina. Zhur.anal. khim. 15 no.3:339-341 My-Je '60.

BROMIDES

"Hyperleukocytic reaction" of the blood to the administration of caffeine and bromine preparations during the course of the inflammatory process. I.P Pshenichnyi. Pat.fiziol.i eksp.terap. 4 no.3:71-72 My-Je '60.

Case of foreign body in the infra-lobar bronchus of the right lung. I.M.Slepukha, V.G Kryzhanova. Pat., klin.i terap.tub. no.8:386-389 '58.

BRONCHI—RADIOGRAPHY

Use of radiographic indexes of bronchiectasis in disability evaluation. A.I.Sadof'ev. Trudy LIETIN 2:66-71 '59.

Zlydnikov, D.M. [Bronchography] Bronkhografiia. [Leningrad] Medgiz, 1959. 147 p.
(DNLM)

BRONCHIECTASIS

Disability evaluation in bronchiectasis. M.I.Khvilivitskaia, V.P.Bogomazova. Trudy LIETIN 2:30-35 '59.

Importance of some hemodynamic indexes for disability evaluation of patients with bronchiectasis. E.V.Mikhtumova. Trudy LIETIN 2:90-99 '59.

Prevention of disability in bronchiectasis. M.I.Khvilivitskaia, V.P.Bogomazova. Trudy LIETIN 2:23-29 '59.

Significance for disability evaluation of dystrophic changes in the myocardium in bronchiectasis. A.V.Sobolova. Trudy LIETIN 2:100-111 '59.

Some functional studies of persons disabled by bronchiectasis under industrial conditions. F.N.Spivak, A.I. Il'ina. Trudy LIETIN 2:36-46 '59.

Use of radiographic indexes of bronchiectasis in disability evaluation. A.I.Sadof'ev. Trudy LIETIN 2:66-71 '59.

BRONCHITIS

Chronic bronchitis. N.A Troitskii. Zdorov'e 6 no.7: 11-15 Je '60.

BRONCHOCELE see Goiter

BRONCHOSCOPY

Atelectases and their treatment by means of bronchoscopy as revealed by data of a tuberculosis sanatorium. A.L. Brant, B.K.Kradozhen. Pat.,klin.i terap.tub. no.8: 153-155 '58.

BRONZE AGE see subdivision under Chigirin District; Karachai-Cherkess Autonomous Province, Lebanon; Sventoji Valley; Ural Mountain region

BRONZE FOUNDING

Increasing the output of acceptable products in making AZh 9-4 bronze castings. N.F.Troshin, V.K.Sotnikov. Lit.proizv. no.7:12-13 Je '60.

BRONZED SKIN see Addison's disease

BRONZES see subdivision under Mena District; Sosnitsa District

BROUKA, PIATRUS', 1905-

It's good to come home ("Far from my home"; verse by P. Brouka. Reviewed by V.Barnosau). Belarus' 17 no.7:30 Jl '60.

BRUCELLA

Pathomorphological and bacteriological data on the pathogenic properties of brucella strain 793 following its epidermal use. R.S.Kolesnik, N.D Altareva. Izv.Irk. gos.nauch.-issl.protivochum.inst. 14:117-134 '57.

BRUCELLOSIS

(see also subdivision under Balkhashskiy District; Byrka District, Chita Province)

Akhrem-Akhremovich, R.M. [Clinical forms of brucellosis and their treatment; methodological note] Klinicheskie formy brutselleza i ikh lechenie; metodicheskoe pis'mo. [Omsk 1957] 20 p.
(DNLM)

Circular reaction of cows' milk (with antigen from the Leningrad Scientific Research Veterinary Institute) for brucellosis. P.N.D'iachenko. Sov.zdrav.Kirg. no.1:54-57 Ja-F '59.

Experimental data on the immunogenic properties of attenuated brucellosis strain 793 following its epidermal use. Report No.1. R.S.Kolesnik, N.D.Altareva. Izv. Irk.gos.nauch.-issl.protivochum.inst. 20:247-273 '59.

Experimental data on the immunogenic properties of attenuated brucellosis strain 793 following its epidermal use. Report No.2. R.S.Kolesnik, N.D Altareva. Izv.Irk.gos.nauch.-issl.protivochum.inst. 20:275-283 '59

Experimental data on the use of a complex vaccine against brucellosis. E.I.Klets, R.S.Kolesnik, O.P. Vyborov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 20:285-290 '59

Pathomorphological and bacteriological characteristics of the infectious process caused by brucella strain. R.S.Kolesnik, N.D.Altareva, A.F.Pinigin. Izv.Irk. gos.nauch.-issl.protivochum.inst. 14:69-103 '57.

Pathomorphological and bacteriological data on brucellosis in guinea pigs infected with live cultures following vaccination. N.D.Altareva, R.S.Kolesnik. Izv.Irk.gos. nauch.-issl.protivochum.inst. 14:104-116 '57.

Pathomorphological changes in the organs of horses used to produce anticholera serum which have positive reactions to brucellosis. R.S.Kolesnik, L.E.Khundanov, A.P.Kakourov. Izv.Irk.gos.nauch.-issl. protivochum.inst. 14:154-164 '57.

V. S. Kolesnik. Izv.Irk.gos.nauch.-issl.protivochum. inst. 14:135-153 '57.

Results of an investigation of the brucellosis ticks Dermacentor nuttalli, collected in Chita Province. Preliminary report. B.A Erman. Izv.Irk.gos.nauch.-issl. protivochum.inst. 14:165-168 '57.

X-ray picture of diseases of the joints in brucellosis. S.B.Ablakulova. Med.zhur.Uzb. no.12:50-56 D '58.

BRUCITE see subdivision under Okurtau Range

BRUSHES, ELECTRIC

How we repair brush holders. M.IA.Deev. Elek.i tepl. tiaga 4 no.5:13-14 My '60.

Study of the electric processes in the closing commutation phase of a brush contact. V.A.Faleev. Izv.vys. ucheb.zav.;elektromekh. 3 no.5:73-76 '60.

BRYANSK PROVINCE—COLLECTIVE FARMS—AUDITING AND INSPECTION

Improving control-auditing work on collective farms. V.S.Sal'nikov. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:43-45 My '60

BRYANSK PROVINCE—STOCK AND STOCKBREEDING

Follow-up of articles published in our periodical. Mol. komm. no.7:81 Jl '60.

BRYANSK PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC

Good people and good reputation. M.Puzyrevskii. Okhr. truda i sots.strakh. 3 no.3:55 Mr '60.

BRYL', IANKA, 1917-

The pulse of life ("My homeland", sketches and stories by IAnka Bryl'. Reviewed by I.Tishchanka). Belarus' 17 no.5:30 My '60

BUACHIDZE, SAMUEL GRIGOR'EVICH, 1882-1918

Noy Buachidze in Bulgaria. M.A.Birman. Nov.i noveish.ist. no.2:127-132 '60.

BUBBLE CHAMBER see subdivision under Dubna

BUCHAREST—EXHIBITIONS

Bucharest receives guests. Mircha Deak. Sov.foto 20 no.7:38-39 Jl '60.

BUCHAREST—JOURNALISM—STUDY AND TEACHING

The training of journalists in the Rumanian People's Republic. A.Sizonenko. Vest.Mosk.un.Ser.7:Filol., zhur. 15 no.3:90-91 My-Je '60.

BUDDING

Mahaleb cherry as a rootstock for cultured varieties in Kuybyshev Province. F.Z.Uvarov. Biul.Glav.bot. sada no.36:105-108 '60.

BUDGET

(see also subdivision under Izmail; Kirghizistan; Mongolia; Tatar A.S.S.R.; United States)

Important changes in the Soviet budget and budget law. M.I.Piskotin. Sov.gos.i pravo no.7:57-67 Jl '60.

Three questions to the head of the Department of Budget Statistics of the Central Statistical Administration of the U.S.S.R. I.IA.Matiukha. Nauka i zhizn' 27 no.6:2-3 Je '60.

BUDGET—CONGRESSES

Conference of budget workers. Fin.SSSR 21 no.5:94-95 My '60.

BUDGET—STATISTICS

Russia (1923- U.S.S.R.) Biudzhetnoe upravlenie. [Local budgets of the U.S.S.R.; statistical collection] Mestnye biudzhety SSSR; statisticheskii sbornik. Moskva, Gosfinizdat, 1960. 326 p

BUDGETS, PERSONAL

Using the budget data of collective farm laborers in planning turnover. IU.Shnirlin. Sov.potreb.koop. 4 no.6: 41-43 Je '60.

BUFFING see Grinding and polishing

BUG VALLEY—BOTANY

Floristic features of the middle Bug Valley in con with the division of the Ukrainian S.S.R. into ph geographical regions [with summary in English] Osychniuk. Ukr.bot.zhur. 17 no.3:42-47 '60.

BUG VALLEY—MOLLUSKS, FOSSIL

New data on mollusks from Quaternary sediments middle Bug Valley [with summary in English]. Shevkopliias. Dop.AN URSR no.4:500-507 '60.

BUGSEED

Species of the genus Corispermum L. occurring Dnieper Valley and other habitats. M.V.Klokov mat.Gerb. 20:90-130 '60.

BUILDING

(see also subdivision under Kiev; Leningrad)

Consultations. Stroitel' no.6:28 Je '60.

From the pages of journals. Zhil.stroi. no.5:32 '60

BUILDING (Continued)

Industrialization of electric installation work in housing and public building construction. L. P. Kosov, D. S. Leibovich. Prom. energ. 15 no.6:1-6 Je '60.

Kulebakin, G. I. [Advices to builders] Sovety zastroishchiku. [Moskva] Mosk. rabochii, 1960. 216 p.

Letters to the editor. Stroitel' no.6:31 Je '60.

New building techniques. Stroitel' no.6:27 Je '60.

Regional coefficients concerning wages of workers of building and repair organizations. Biul. stroi. tekh. 17 no.6:21-23 Je '60.

Zemliak, K. P., and P. I. Kuchmarenko. [Manual for the construction foreman] Pamiatka brigadira-stroitelia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960.

BUILDING--ABSTRACTS

[Journal of abstracts: Construction and architecture.] Ref. zhur. Stroit. i arkhit. no.4 '60.

BUILDING--BIBLIOGRAPHY see Bibliography--Building

BUILDING--CONTRACTS AND SPECIFICATIONS

Answers to readers' questions. Transp. stroi. 10 no.7:59 Jl '60.

List of current compulsory norms for architectural planning as of May 1, 1960. Biul. stroi. tekh. 17 no.7:44-47 Jl '60.

Technical Specifications for Building in Permafrost should be revised. S. I. Gapeev. Transp. stroi. 10 no.7:46-47, 56 Jl '60.

BUILDING--ESTIMATES

(see also subdivision under Ukraine)

Answers to readers questions. Transp. stroi. 10 no.6:60 Je '60.

"Estimates for capital construction" by S. A. Efremov, G. N. Reinin. Ekon. stroi. no.6:71-72 Je '60.

"Regulations on the expert's appraisal of plans and estimates for construction." Biul. stroi. tekh. 17 no.6:7-8 Je '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Additions, explanations, and corrections to standard district rates for building work] Sbornik dopolnenii, raz"iasnenii i popravok k edinym raionnym edinichnym rastsenkam na stroitel'nye raboty. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam,

No.3. 1960. 405 p.

BUILDING--EXHIBITIONS see subdivision under Moscow

BUILDING--PERIODICALS

Readers' conferences on construction sites. Transp. stroi. 10 no.7:58 Jl '60.

BUILDING--SUPERINTENDENCE

Designer's supervision is necessary. A. IA. Flacherit. Stroi. i arkhit. Len. 22 no.7:22 '60.

Let's combine architectural and technical supervision. IA. O. Svirskii. Stroi. i arkhit. Len. 22 no.7:24 '60.

Role of architects and designers in building. A. Krippa. Arkhit. SSSR no.7:29-30 '60.

BUILDING--TECHNOLOGICAL INNOVATIONS

Efficiency promoters of repair and building operations. A. I. Ivanov. Gor. khoz. Mosk. 34 no.5:16-17 My '60.

Efficiency promotion and inventing in the construction operations of the transportation industry. P. V. Egorov. Transp. stroi. 10 no.7:4-5 Jl '60.

BUILDING--TOOLS AND IMPLEMENTS

Gun used for building. I. Arsen'ev. Nauka i zhizn' 27 no.7:67 Jl '60.

Practices of innovators and inventions of efficiency promoters. Stroitel' no.6:25 Je '60.

Provide construction projects with high-quality tools. G. I. Kozeritskii. Transp. stroi. 10 no.6:61-62 Je '60.

BUILDING, BRICK

(see also subdivision under Kiev)

Akademiia stroitel'stva i arkhitektury SSSR. [Temporary instructions for designing, calculating, making, and assembling houses made of vibrated brick panels] Vremennye ukazaniia po konstruirovaniiu, raschetu, izgotovleniiu i montazhu domov iz vibrokirpichnykh panelei. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 47 p.

Apartment houses built of vibrated brick panels. A. Simonovich. Stroi. i arkhit. 8 no.7:17-18 Jl '60.

Experimental house built of large vibrated brick panels. M. E. Rusakov, N. I. IAkker. Stroi. i arkhit. Len. 22 no.7:13-15 '60.

More about the strength of vibrated brick panels. P. Sypchuk. Zhil. stroi. no.6:23-24 Je '60.

Vibrated wall panels made of bricks and ceramic stones. M. Karakurchi, I. Rokhlin, K. Kucherenko. Stroi. i arkhit. 8 no.7:15-17 Jl '60.

BUILDING, FIREPROOF

Fire resistance of hollow flooring slabs made of reinforced concrete. A. IAkovlev, V. Bushev, V. Fedorenko. Pozh. delo 6 no.7:12-14 Jl '60.

BUILDING, IRON AND STEEL

Efficient designs of lateral and longitudinal extension joints. [illegible] Prom. stroi. 38 no.6:52-54 '60.

BUILDING, WOODEN

Development of modern wooden construction elements. M. A. Merkel'. Sbor. nauch. trud. LISI no.30:7-25 '59.

BUILDING BLOCKS

Assembling houses made of vibrated brick panels. I. Lagun, S. Gorelik. Stroitel' no.6:8,14 Je '60.

Hollow gypsum-slag straw blocks. [illegible] Zhil. stroi. no.5:[illegible] My '60.

More about the strength of vibrated brick panels. P. Sypchuk. Zhil. stroi. no.6:[illegible] Je '60.

One- and two-story houses built of vibrated brick panels. A. Platkov. Zhil. stroi. no.[illegible] Jl '60.

Organizing construction yards and shops for making vibrated brick panels. A. [illegible] Zhil. stroi. no.5:[illegible] My '60.

Put the brick industry in the service of the fully prefabricated housing construction. [illegible] arkhit. Mosk. [illegible] no.5:[illegible] My '60.

A set of equipment for making silicate blocks. [illegible] Stroi. i dor. mashinostr. 5 no.7:[illegible] Jl '60.

BUILDING BLOCKS--TESTING

Test data on the strength of [illegible] [illegible] Sbor. trud. [illegible] [illegible]

BUILDING INSPECTION

What is the role of architects in construction. A. A. [illegible] Stroi. i arkhit. Len. [illegible] no.[illegible] '60.

BUILDING MACHINERY

(see also subdivision under [illegible])

"Amortization and [illegible] construction industry" by [illegible] B. A. Burovtsev, [illegible]

Expand the use of [illegible] in construction. Stroitel' no.6:[illegible] Je '60.

From the history of building machinery. [illegible] Goldovskii. Stroi. i dor. mashinostr. 5 no.[illegible] Jl [illegible]

From the pages of foreign journals. [illegible] no.5:57 My '60.

From the pages of journals. Mekh. stroi. [illegible] My '60.

From the pages of journals. [illegible] Jl '60.

Mechanization [illegible] the [illegible] Jl '60.

New building machinery. Stroitel' no.6:[illegible] Je '60.

New building machinery. Stroi. i dor. mashinostr. 5 no.7:45-46 Jl '60.

[illegible] construction [illegible] My '60.

Speed up the [illegible] Mekh. stroi. [illegible] My '60.

BUILDING MACHINERY--BIBLIOGRAPHY see Bibliography--Building machinery

BUILDING MACHINERY--DESIGN AND CONSTRUCTION

"Standardization and use of interchangeable [illegible] self-propelled chassis for building [illegible] Remizovskii, A. IA. [illegible] no.7:15-20 Jl '60.

BUILDING MACHINERY--EXHIBITIONS see subdivision under Moscow

BUILDING MACHINERY--MAINTENANCE AND REPAIR

Vovchenko, I. A. [Repair of track and building [illegible] Remont putevykh i stroitel'nykh mashin. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 170 p.

BUILDING MATERIALS

(see also subdivision under Europe, Eastern; Georgia; White Russia; Zaporozh'ye Province)

Conference on the [illegible] of the [illegible] materials. V. I. [illegible] Jl '60.

Department of [illegible] Assistance has started [illegible] Ap '60.

Effective building materials [illegible] My '60.

Expand the supply of building materials and equipment for urban construction. Stroi. mat. 6 no.7:5-6 Jl '60.

Lightweight autoclave-hardened material made of local raw materials. N. A. Kalnina, E. N. Krapivina, V. P. Loganova. Stroi. mat. 6 no.7:15-18 Jl '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [Thermal investigations in the field of building materials and construction elements; collection of works] Teplotekhnicheskie issledovaniia v oblasti stroitel'nykh materialov i konstruktsii; sbornik trudov. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 100 p.

[illegible] M. V. [illegible] no.7:[illegible]

[illegible] building materials. Biul. stroi. tekh. [illegible]

BUILDING MATERIALS--STORAGE

[illegible]

BUILDING MATERIALS--TESTING

[illegible] Ms '60.

BUILDING MATERIALS--TRANSPORTATION

[illegible]

BUILDING MATERIALS INDUSTRY

(see also subdivision under [illegible])

[illegible]

[illegible]

[illegible]

BUILDING MATERIALS INDUSTRY--EQUIPMENT AND SUPPLIES

[illegible]

[illegible]

[illegible]

[illegible]

BUILDING STONES

[illegible]

[illegible]

BUILDINGS

[illegible]

BUILDINGS, PREFABRICATED

[illegible]

BUILT-IN FURNITURE see [illegible]

BUIMOVICH, DORI, 1926-1959
D Buimovich; obituary. Inzh.-fiz. zhur. no 6:136-139 Je '60

BUKHARA—SCHOOL CHILDREN
Changes in the cardiovascular function of Bukhara school children during the school day D. IA. Linskis. Med. zhur Uzb no. 12:82-87 D '58.

BUKHARA PROVINCE—AQUATIC WEEDS
Vegetation of the collector network of Bukhara Province. A E. Ergachev. Uzb biol. zhur. no. 3:23-26 '60.

BUKHMURIN DISTRICT (MONGOLIA)—PLAGUE
Pulmonary plague outbreak in Bukhmurin District G. S Letov, S. G Abramova Izv Irk. gos nauch -issl protivochum inst 20 107-110 '59

BUKHTARMA
Speed up the operation of the Bukhtarma Hydroelectric Power Station to full capacity. V. Zakharov, L Panasenko. Nar. khoz. Kazakh. 18 no. 5:3-6 My '60.

BUKHTARMA HYDROELECTRIC POWER STATION
Leningrad metalworkers produce for Kazakhstan. I. Shriro. Nar. khoz. Kazakh. 18 no. 5:72 My '60.

BUKHTARMA HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION
Concreting technology of massive structures of the Bukhtarma Hydroelectric Power Station. M. V. Inlushin. Izv. AN Kazakh. SSR. Ser. energ. no. 2:30-35 '60.

BUKON VALLEY—JERBOAS
Recent data on the jerboa Salpingotus crassicauda. K. P. Paraskiv Trudy Inst zool. AN Kazakh SSR 13 100-110 '60

BUKOVINA—CORN (MAIZE)
A new day has begun. A. Kotliar. Ukraina no. 14:10-11 Jl '60.

BUKOVINA—HISTORY—SOURCES
Two Bukovina-Moldavian documents of the 15th century. M. F. Stanivs'kyi. Ukr. mova v shkoli 10 no. 3:16-19 My-Je '60.

BUKOVINA—THEATER
Completion of a trilogy V. Budoragin Teatr 21 no 6 135-136 Je '60

BUKOVINA—WORLD WAR, 1939-1945
Honorable deed P. Svitko Voen ist. zhur. 2 no. 5 113-114 My '60

BUKUKA REGION (TRANSBAIKALIA)—ORE DEPOSITS
Geological structure of the Bukuka deposit. A. V. Druzhinin. Geol. rud. mestorozh. no. 1:70-82 Ja-F '60.

BULAKTAY REGION (TRANSBAIKALIA)—MINERALOGY
Relationship between the hydrothermal mineralization in the Bulaktay deposit and lamprophyre dikes (western Transbaikalia). G. I. Tugovik. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 4:59-65 Ap '60.

BULATOVICH, ALEKSANDR KSAVER'EVICH, 1870-1910
Hussar and monk. M. Gol'tser. Ogonek 38 no. 31:31 Jl '60.

BULGARIA—BIBLIOGRAPHY
[New literature on European people's democracies and Slavic studies: Bulgaria.] Nov. lit. po evrop. stran. nar. dem. i slav.: Bolg. no. 5 '60.

BULGARIA—EDUCATION
Marxist pedagogical thought in Bulgaria and the problem of work education and technical education. Boris D. Ivanov. Sov. pedag. 24 no. 4:122-130 Ap '60.

BULGARIA—HEALTH RESORTS, WATERING PLACES, ETC.
Green mountains and golden sands. B. Burkov. Ogonek 38 no. 28:12-13 Je '60.

BULGARIA—HISTORY
Bulgarian freedom fighters ("Selected works of Bulgarian revolutionary democrats." Reviewed by L. Erikhonov). Novyi mir 36 no. 7:272-274 Jl '60.
My sister Bulgaria (to be continued). Aleksei Eisner. Novyi mir 36 no. 7:142-180 Jl '60.
Russia and the liberation of Bulgaria ("The provisional Russian administration in Bulgaria, 1877-1879" by G. Todorov. Reviewed by K. L. Strukova). Nov. i noveish. ist. no. 2:180-190 '60.

BULGARIA—KITCHENS
Kitchen in a Bulgarian urban apartment. A. Popov. Zhil. stroi. no. 7:29-31 Jl '60.

BULGARIA—MANUAL TRAINING
Manual training in school workshops in the People's Republic of Bulgaria Mikhail Markov Sov. pedag 24 no 5 73-84 My '60.

BULGARIA—ORTHODOX EASTERN CHURCH
The seventh anniversary of the re-establishment of the Patriarchate in Bulgaria. Stefan Savvov, A. Ignat'ev. Zhur. Mosk. Patr. no. 6:60-61 Je '60.

BULGARIA—ORTHODOX EASTERN CHURCH—PERIODICALS
Review of "Dukhovna kultura," journal of the Bulgarian Orthodox Church, no. 1-2, 1960. Zhur Mosk. Patr. no 5 51-52 My '60
Review of "Dukhovna Kul'tura," journal of the Bulgarian Orthodox Church, no. 3, March 1960. E. Karmanov. Zhur. Mosk. Patr. no. 6:66-67 Je '60.
Review of "TSerkoven vestnik," journal of the Bulgarian Orthodox Church, nos 7-11, 1960 E. Karmanov Zhur Mosk Patr no 5 52-55 My '60
Review of "TSerkoven Vestnik," journal of the Bulgarian Orthodox Church, nos. 12-17, 1960. E. Karmanov. Zhur. Mosk. Patr. no. 6:67-70 Je '60.

BULGARIA—PEASANT UPRISINGS
The national liberation and antifeudal peasant uprising in northwestern Bulgaria during 1850. V. V. Nitakii Uch. zap. GGU no. 51:51-79 '59

BULGARIA—POPULISM (NARODNICHESTVO)
The principal stages leading to the defeat of liberal populism in Bulgaria. S. E. Krapivenskii. Uch. zap. GGU no 51:97-116 '59.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA
Gurbanov, M. S. [Unquenchable flames of Soviet-Bulgarian friendship] Neugasimoe plamia sovetsko-bolgarskoi druzhby. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 54 p.

BULGARIA—RELATIONS (GENERAL) WITH THE UKRAINE
From the history of Bulgarian-Ukrainian relations. Petko Atanasov Ukr ist zhur 1 no 4 65-73 Jl-Ag '60

BULGARIA—SUBSIDENCES (EARTH MOVEMENTS)
Rock bumps in the gallery of the "Belyi Iskr" Mine. A. Botev. Gor. zhur. no. 7:36-38 Jl '60.

BULGARIAN POETRY—HISTORY AND CRITICISM
The antimilitary novel in Bulgarian literature of the 1930's, K. Belev, K. Petkanov, D. Dimov. I. Zimin. Uch. zap. Kaf. zarub. lit. MGPI no. 4:105-113 '59.
"Bulgarian poetry during the first quarter of the 20th century" by D. F. Markov. Reviewed by A. Grigor'ev). Vop. lit. 4 no. 7 237-241 Jl '60.

BULKHEADS (NAVAL ARCHITECTURE)
Making thin-sheet bulkheads and recesses. E. E. Raiskii. Sudostroenie 26 no. 6:58-59 Je '60.

BULKHEADS (NAVAL ARCHITECTURE)—STANDARDS
Standardization of corrugated ship bulkheads. A. A. Gundobin, K. F. Petrishchev. Standartizatsiia 24 no. 6: 32-34 Je '60.

BULLDOZERS
Changes in forces acting on the bulldozer moldboard in digging earth as related to the angle of cut N. L. Zhikharev. Trudy SIMSKH no 14:86-95 '59.
Mounted bulldozer equipment for road rollers N L. Borisov Mekh stroi 17 no 5 24-25 My '60

BULYGIN, ABRAM ANTONOVICH, b. 1737
The 18th century life account of a bourgeois gunsmith from Tula. O. E. Vol'tsenburg. Trudy Gos. Erm. 3:93-100 '59.

BUMBLEBEES see subdivision under Arctic regions

BUNGER HILLS REGION—GARNET
Garnet mound. M. Ravich. Inform. biul. Sov. antark. eksp. no. 10:42-43 '60.

BUR MARIGOLD see subdivision under Brest Province

BURIAT-MONGOLIA see Buryat-Mongolia

BURLINSKOYE, LAKE—SERRATIA
Cause of the reddening of water in some salt lakes [with summary in English]. B. I Kurochkin Mikrobiologiia 29 no. 3:422-427 My-Je '60

BURNS, ROBERT, 1759-1796
Robert Burns in the appraisal of the first proletarian critics of Great Britain. N. M. Demurova. Uch. zap. Kaf. zarub. lit. MGPI no. 4:27-35 '59.

BURNS AND SCALDS
Doctors in the fight against fire. Mark Popovskii. Neva no. 6:162-172 '60.
Effect of ultrasound on thermal inflammation [with summary in English]. M. M. Smyk, E. M. Skublevskii. Pat. fiziol. i eksp. terap. 4 no. 3:27-31 My-Je '60.
Problem of burn trauma in the works of IU. IU. Dzhanelidze. A. A. Belova. Sov. zdrav. Kirg. no. 1:58-62 Ja-F '60.
Reactive changes in the lung parenchyma due to thermal burns. G. A. Epremian. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:53-62 F '60.
Role of active globulins in increased capillary permeability in inflammation [with summary in English]. S. M. Shchegel'. Pat. fiziol. i eksp terap. 4 no. 3:14-17 My-Je '60.

BURSA OMENTALIS—DISEASES
Abscesses of the bursa omentalis. N. B. Sitkovskii. Vrach. delo no. 7:123-125 Jl '60.

BURYAT FOLKLORE see Folklore, Buryat

BURYAT LANGUAGE—ADVERB
The adverb in the Buryat language [with summary in English]. D. A. Alekseev. Vest. LGU 15 no. 14:67-77 '60.

BURYAT LITERATURE—HISTORY AND CRITICISM
"Outline history of Soviet Buryat literature." Reviewed by V. G. Odinokov. Izv. Sib. otd. AN SSSR no. 5:111-113 '60.

BURYAT LITERATURE—PERIODICALS
Age of maturity. Vop. lit. 4 no. 7:206-213 Jl '60.

BURYAT-MONGOLIA—AGRICULTURE—STUDY AND TEACHING
From experience in organizing collectives within student brigades. S. S. Badmatsyrenov, A. A. Konstantinov. Sov. pedag. 24 no. 4:118-121 Ap '60.

BURYAT-MONGOLIA—BEE CULTURE
Bee wintering at low temperatures. V. G. Goloskokov. Kraeved. sbor. no. 4:105-111 '59.
Concise outline history of bee culture in Buryat-Mongolia. I. A. Starkov. Kraeved. sbor. no. 4:90-104 '59.

BURYAT-MONGOLIA—CITIES AND TOWNS
Urban type settlements of Buryat-Mongolia. B. R. Bulantuev, V. V. Vorob'ev. Kraeved. sbor. no. 4:42-71 '59.

BURYAT-MONGOLIA—ECONOMIC CONDITIONS
Development of economic ties between Buryat industry and agriculture. R. I. Shnipor. Kraeved. sbor. no. 4: 3-41 '59.

BURYAT-MONGOLIA—ECONOMIC POLICY
Results of the Buryat regional conference on the development of productive capacities. B. R. Bulantuev. Kraeved. sbor no. 4:166-170 '59.

BURYAT-MONGOLIA—FIELD MICE
Some observations on Vinogradov's vole. A. G. Oglezneva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:140-142 '58.

BURYAT-MONGOLIA—FINCHES
Distribution of siskins (Carduelis spinus) in Buryat-Mongolia. I. V. Izmailov, M. A. Prokof'ev. Kraeved. sbor. no. 4:136-138 '59.

BURYAT-MONGOLIA—HEDGEHOGS
Biology of the Daurian hedgehog. A. N. Leont'ev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:154-165 '57.

BURYAT-MONGOLIA—INDUSTIRES
Scientific work on problems in the industrial development of the Buryat A. S. S. R. ("Problems of the development of industry and transportation in the Buryat A. S. S. R." Reviewed by G. Sh. Radnaev). Kraeved. sbor. no. 4: 171-178 '59.

BURYAT-MONGOLIA—MOLYBDENUM ORES
Oxidation zone in the Pervomayskoye molybdenum deposit (Buryat A. S. S. R.). K. I. Aleksandrov Izv. vys. ucheb zav., geol. i razv. no. 3 59-74 Mr '60

BURYAT-MONGOLIA—SOILS
Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Steppe and wooded-steppe soils of the Buryat A. S. S. R. and their agricultural characteristics] Stepnye i lesostepnye pochvy Buriatskoi ASSR i ikh agroproizvodstvennaia kharakteristika. Moskva, 1960. 149 p.

BURYAT-MONGOLIA—TULAREMIA
Tularemia in the Buryat-Mongolian A. S. S. R. T. G. Linnik. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15: 195-204 '57.

BURYAT-MONGOLIA—WHOLESALE TRADE
It is not coordination but enforcement.... M. Zykov. Sov. torg. 33 no. 6:25-26 Je '60.

BURYAT-MONGOLIA—WINDS
Strong winds in Buryat-Mongolia. N. V. Shestakovich. Kraeved. sbor. no. 4:80-89 '59.

BUS CONDUCTORS (ELECTRICITY)—WELDING
Welding bus bar compensators. L. E. Fedotov and others. Avtom. svar. 13 no. 7:87-90 Jl '60.

BUSINESS CORRESPONDENCE see Commercial correspondence

BUTADIENE
Addition of carbon tetrachloride to bivinyl and piperylene. B. A. Arbuzov, V. I. Nikitina. Izv. AN SSSR. Otd. khim. nauk no. 6:1131-1133 Je '60.
Compounding the compositions of mixtures based on cis-1,4-polybutadiene. H. E. Railsback, Ch. Ch. Biard, J. R. Hose. Kauch. i rez. 19 no. 7:53-64 Jl '60.
Determination of bivinyl by a chromothermographic method. V. A. Kolobikhin. Zav. lab. 26 no. 7:814-816 '60.
Reaction of halogen organic compounds with butadiene-nitrile copolymers. P. A. Vinogradov, N. G. Arsen'eva, K. E. Gavshinova. Kauch. i rez. 19 no. 7:3-6 Jl '60.

BUTADIENE (Continued)

Study of the chemical structure of butadiene rubbers subjected to the action of gamma rays. A.I.IAkubchik, V.A.Filatova. Zhur.prikl.khim. 33 no.5:1177-1180 My '60.

Synthesis of 2-tert. butyl-1, 1-butadiene. A.A.Korotkov, [illegible], V.S. [illegible]. Zhur.ob.khim. 30 no.7:2298-2303 Jl '60.

BUTANE

Calculation of the equilibrium constants for the reaction of dehydrogenation of isopentane [illegible] and their mixture into isoprene. M.I.Bogdanov. Khim. prom. no.1:25-31 Ja '60.

Identification of alkylbenzenes. Part 2: Analysis of binary mixtures of acylamino derivatives of 2-phenylbutane and 3-phenylpentane. T.P. Zatsepina, [illegible] Pavlova. Zhur.ob.khim. 30 no.7:2164-2166 Jl '60.

Influence of ionizing radiation on the oxidation kinetics and ignition of butane [with summary in English]. [illegible] and others. Zhur.fiz.khim. 34 no.6: [illegible] Je '60.

One-stage method of production of isoprene from isopentane and isopentane-isoamylene mixtures. [illegible] and others. Khim. prom. [illegible] '60.

BUTANOL

Structure of the bromide $C_{10}H_{11}Br$, formed when bromide reacts with 1-phenyl-2-butanol or 1-phenyl-1-butanol. B.M. Mikhailov, [illegible] Pavlova. Izv. AN SSSR Otd. khim.nauk no.6:1010-1051 Je '60.

BUTENE

Alkylation of phenol by iso-amylene (synthesis of 2,4-di-tert-amylphenol). [illegible]. Izv. vys. ucheb. zav.; neft' i gaz 3 no.6:77-80 '60.

Calculation of the equilibrium constants for the reactions of dehydrogenation of isopentane, isoamylenes, and their mixture into isoprene. M.I.Bogdanov. Khim. prom. no.1:25-31 Ja '60.

One-stage method of production of isoprene from isopentane and isopentane-isoamylene mixtures. [illegible] and others. Khim. prom. [illegible] '60.

Structure of the bromide $C_{10}H_{11}Br$, formed when bromide reacts with 2-phenyl-2-butanol or 1-phenyl-1-butanol. B.M. Mikhailov, [illegible]. Izv. AN SSSR Otd. khim.nauk no.6:1011-1051 Je '60.

Synthesis of new plastics based on 1,3-dichloro-2-butene. [illegible] and others. Izv. AN Arm. SSR Khim.nauki 13 no.1: [illegible] '60.

Synthesis of the allyl type bromide $C_{10}H_{11}Br$, and its condensation by the Grignard-Wurtz reaction. [illegible] Sokolova, M.P.[illegible], A.P.Mushkova. Zhur.ob.khim. 30 no.7:2161-2163 Jl '60.

BUTENYNE

Conjugated systems. Part 130: Addition of lithium alkyls to vinylisopropenylacetylene. A.A.Petrov, V.A.Kormer, T.V.IAkovleva. Zhur.ob.khim. 30 no.7: 2338-2343 Jl '60.

Conjugated systems. Part 131: Addition of lithium alkyls to trialkylvinylacetylenylsilanes. A.A. Petrov, A.V. Kormer, M.D. [illegible]. Zhur.ob.khim. 30 no.7: 2343-2348 Jl '60.

BUTENYNE - DIPOLE MOMENTS

Conjugated systems. Part 132: Dipole moments and reactivity of vinylacetylenic ketones and amines. A.A. Petrov and others. Zhur.ob.khim. 30 no.7:2348-2350 Jl '60.

BUTTERFAT

Change in the butterfat content of milk in relation to the biochemical processes in the rumen. Preliminary report. T.D.Ignatiev. Trudy Inst.fiziol. AN Kazakh SSR 2:[illegible] '59.

Influence of some biochemical processes in the rumen on the quality of butterfat of cows. N.G.Nikitin. Trudy Inst.fiziol.AN Kazakh SSR 2:[illegible] '59.

Interrelation of the biochemical processes of the rumen and butterfat production in cows during pasturage. N.G. Nikitin. Trudy Inst.fiziol.AN Kazakh SSR [illegible] '59.

BUTYL ALCOHOL

Refractometric determination of tertiary butyl alcohol in complex mixtures with water and secondary and primary alcohols [with summary in English]. [illegible] Ioffe, A.I. Borisov. Zhur.anal.khim. 15 no.2:227-231 Mr-Ap '60.

BUTYL PEROXIDE

Reactions of ditertiary butyl peroxide with mercurous and mercuric acetates, with mercuric benzoate, and with metallic mercury. IU.A.Ol'dekop, M.M.Azanovskaia. Zhur.ob.khim. 30 no.7:2291-2294 Jl '60.

BUTYL PHOSPHATE

Extraction of perchloric acid with tributyl phosphate. V.V.Fomin, F.P.Maiorova. Zhur.neorg.khim. 5 no.5:1100-1106 My '60.

Extraction of uranium from HCl solutions by means of tributyl phosphate. V.M.Vdovenko, A.A.Lipovskii, S.A.Nikitina. Zhur.neorg.khim. 5 no.4:919-940 Ap '60.

Mechanism of extraction of uranium (VI) with tributyl phosphate from hydrochloric acid solutions. B.V. Shevchenko and others. Zhur.neorg.khim. 5 no.5 1095-1099 My '60.

Solvate formed of [illegible] in chloroform [illegible] with tributyl phosphate. [illegible] and others. Zhur. neorg.khim. [illegible] My '60.

Study of the extraction of nitric acid, perchloric acid, and uranyl nitrate with tributyl phosphate solutions using the method of [illegible]. V.V. Fomin, [illegible]. Zhur.neorg.khim. 5 no.6:[illegible] Je '60.

BUTYL RUBBER

(See also subdivision under Butyl rubber)

Determination of the carbon black content of [illegible] based on butyl rubber. [illegible]. [illegible] '60.

BUTYNE

Acetylene-diene condensation of 1,4-dichloro-2-butyne [illegible]. [illegible] 1,4-dichloro-2-butyne [illegible]. Izv. AN SSSR Otd.khim.nauk no.6:[illegible] Je '60.

BUTYNOL

[illegible] alcohols. [illegible] and others. [illegible] '60.

BUTYRALDEHYDE

Synthesis of polyvinyl butyral [illegible] of the [illegible] groups of polyvinyl acetate [illegible]. [illegible] Khim.nauki 13 no.1:[illegible] '60.

BUTYRIC ACID

Cyclization of substituted phenyl [illegible] β-keto-γ-diethylmalonyl [illegible] by means of [illegible] method. A.IA.Berlin, V.N.[illegible]. Zhur.ob.khim. 30 no.7:2400-[illegible] Jl '60.

BUTYROPHENONE

Catalytic conversions of ketones. [illegible] γ-methylethylbutyrophenone. [illegible]. Zhur. ob.khim. 30 no.7:2166-2169 Jl '60.

BUZTUKIN BAY VALLEY - GEOLOGY, STRATIGRAPHY

Presence of middle Albian sediments in the [illegible] clay River basin. [illegible]. Dokl.AN SSSR [illegible] no.4:[illegible] '60.

BYALOVEZHSKA PUSHCHA - HISTORICAL MUSEUMS

Museum in Byalovezhska Pushcha. [illegible] 31 Ag '60.

BYALOVEZHSKA PUSHCHA - LICHENS

Lichen flora of the Byalovezhskaia Pushcha Preserve. M.F. Makarevich. Bot.mat.Otd.spor.rast. 13:27-33 '60.

BYKAU, VASIL'

Selected book ("The call of [illegible]", [illegible]) by Vasil' Bykau. Reviewed by [illegible]. [illegible] 31 Ag '60.

BYRKA DRZHIR [illegible] PROVINCE - [illegible]

Diffusion of [illegible]. [illegible]

BYZURITSKAIA, ELLA

E.Byzuritskaia. [illegible] 31 no.2:[illegible] '60.

BYURAKAN ASTROPHYSICAL OBSERVATORY

The way into the cosmos. [illegible] Ogonek 38 no.12:[illegible] Ag '60.

CABLES

(See also subdivision under [illegible])

Saving copper and lead in the construction [illegible] installations. M.V.Shatalov. Energetik 8 no.5:[illegible] My '60.

CABLES - TESTING

Comparative determination of the durability of steels [illegible] under operating conditions. [illegible] Vest[illegible] 40 no.[illegible] Jl '60.

CABLEWAYS

Assembling [illegible]

CADION

New reagent for the quantitative colorimetric determination of cadmium - cadion IREA (water soluble). A.M. Lukin, G.G.Karanovich, G.B.Petrova. Trudy IREA no.23:55-62 '59.

CADMIUM

Polarographic determination of the activity coefficient of the cadmium ion [with summary in English]. [illegible]. Zhur.fiz.khim. 34 no.6:1214-1217 Je '60.

Thermodynamic properties of the liquid metallic solutions of Zn - Bi and K - Cd systems. M.I.[illegible], F.V.[illegible]. Zhur.prikl.khim. 33 no.5:1110-[illegible] My '60.

CADMIUM - [illegible]

Determination of small amounts of cadmium in nickel [illegible]. V.A. Pavlova. [illegible] '60.

[illegible] metallic cadmium. [illegible] '60.

[illegible]

[illegible] colorimetric determination [illegible] (water soluble). A.M. [illegible] Petrova. Trudy IREA [illegible]

[illegible]

CADMIUM [illegible]

[illegible]

CADMIUM [illegible]

[illegible] V.A. [illegible]

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CADMIUM [illegible]

[illegible] complexes. [illegible]

CADMIUM [illegible]

[illegible]

CAESIUM [illegible]

[illegible]

CALCIUM [illegible]

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CALCIUM [illegible]

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CALCIUM [illegible]

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CALCIUM ALUMINATE

[illegible]

CALCIUM ARSENITES

Control of the Daurian pika and its ectoparasites by saturating its burrow with calcium arsenite. V.E.Rodd, I.A.Guzhevnikov. Izv. Irk. gos. nauch.-issl protivochum. inst. 16:239-243 '57.

CALCIUM CARBIDE

Thermal reduction of magnesium by carbides. Report No. 2: Thermal reduction of dolomite by calcium carbide. M.V.Darbinian. Izv. AN Arm. SSR. Khim. nauki 12 no. 6:389-405 '59.

CALCIUM CARBONATE

Contribution to the study of trace element sorption by the carbonate system of natural waters. O.A.Alekin, N.P.Moricheva. Dokl. AN SSSR 133 no. 4,943-946 Ag '60

CALCIUM CHLORIDE

Chemical nature of the new species formed in aqueous suspensions of tricalcium aluminate with additions of calcium chloride. E.P.Andreeva. Zhur. prikl. khim. 33 no.5 1042-1048 My '60.

Feasibility diagrams in systems formed by rubidium and cesium chlorides with calcium chloride. I V Shakhno, V E.Pliushchev. Zhur neorg. khim 5 no 5 1172-1173 My '60

Role of some nonspecific substances in raising the quality of antiplague serum. E.D.Shkurko, L.E.Khundanov. Izv Irk. gos. nauch.-issl. protivochum. inst. 16:149-155 '57

CALCIUM CHLORIDE—SPECTRA

Spectrum analysis of potassium, calcium, and sodium chlorides in flux salts. N.L.Fishkova, L.N.Komlev. Zav. lab. 26 no. 5:566-567 '60.

CALCIUM COMPOUNDS

Synthesis of murexide, and composition of the product of its reaction with calcium. A.M.Lukin, I.D.Kalinina. Trudy IREA no. 23:63-66 '59.

CALCIUM CYANIDE

Control of marmots with a "mixture" of chloropicrin and a calcium cyanide mixture. B.I.Peshkov, V.M. Lipaev. Izv. Irk. gos. nauch-issl. protivochum. inst. 16:228-231 '57.

CALCIUM FLUORIDE

Preparation of crystalline barium and calcium fluorides of high purity. I.I.Angelov, S.I.Khainson. Trudy IREA no. 23:19-24 '59.

CALCIUM FLUORIDE—SPECTRA

Spectrographic determination of CaF_2 and MgF_2 in the electrolyte of aluminum baths. I.L.Reznikov. Zav. lab. 26 no. 5:570-574 '60.

CALCIUM METABOLISM

Role of the digestive tract in calcium and phosphorus metabolism in sheep and camels. N.V.Fomina. Trudy Inst. fiziol. AN Kazakh SSR 2:65-71 '59.

CALCIUM MOLYBDATE

Complexometric determination of calcium in calcium molybdate. N.M.Rakhmilevich. Zav. lab. 26 no. 6:717 '60.

CALCIUM ORGANIC COMPOUNDS

Use of crisanol and antibacterial preparations in pulmonary tuberculosis. O.G.Spesivtsev. Pat., klin. i terap. tub. no. 8 270-271 '58

CALCIUM OXIDE

Metastable equilibria in the system $CaO - P_2O_5 - H_2O$. M F Pozin, B.A.Kopylev, Van Li-shen. Zhur. prikl khim 33 no. 7:1482-1491 Jl '60.

CALCIUM SILICATE

Mamedov, Kh. S. [Crystallochemistry of calcium silicates and hydrosilicates] Kristallokhimiia silikatov i gidrosilikatov kal'tsiia. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 126 p. [In Azerbaijani.]

CALCIUM SULFATE

Investigation of the possibility of separating, by flotation, a precipitate - calcium sulfate mixture obtained from Kara-Tau phosphorites. M.E.Pozin, B.A.Kopylev, R.IU.Zinluk. Trudy LTI no. 58:59-64 '59.

Mechanism of the effect of small amounts of electrolytes on the strength of the crystal structure formed by solidification. E.E.Segalova, Z.N.Markina, P.A.Rebinder. Dokl. AN SSSR 133 no. 3:630-632 Jl '60.

CALCULATING MACHINES

Calculation of the rectification process by means of digital computers. V.G.Bergo, V.M.Platonov. Khim. i tekh. topl. i masel 5 no. 6:39-44 Je '60.

Effect of inertia load, nonlubricated friction, and backlash on the operation of bridge-type computing and measuring devices. V.I.Sergeev. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 14:20-34 '60.

CALCULI, URINARY

Effectiveness of blocking the spermatic cord in males and the ligamentum teres uteri in females in renal colic. Preliminary report. A.N.Tairov, N.M.Khanaliev. Azerb. med. zhur. no. 5:24-27 My '60.

Unusual form of fixation of a calculus in the ureteral cervix caused by hydropyonephrosis. K.K.Glebov. Vrach. delo no. 7:125-126 Jl '60.

CALCULUS, INTEGRAL

"Integral calculus" by L.Euler. Reviewed by N.I. Simonov. Vop. ist. est. i tekh. no. 9:166-168 '60.

CALCULUS OF TENSORS

Anisotropic tensors. IU.I.Sirotin. Dokl. AN SSSR 133 no. 2:321-324 Jl '60.

Lagrange-Sylvester formula for a tensor function dependent on two tensors B.D Annin. Dokl. AN SSSR 133 no 4.743-744 Ag '60

CALENDARS

Shishakov, V.A. [Guardians of time] Strazhi vremeni. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 47 p.

CALKING—EQUIPMENT AND SUPPLIES

Mechanization of calking operations. V.P.Konstantinov. Sudostroenie 26 no. 6.61-62 Je '60.

CALLISTHENICS

(see also subdivision under Nizhnyaya Tura)

Machinskii, V.I. [Physical education in the day's schedule] Fizicheskaia kul'tura v rezhime dnia. Izd. 2-e dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 344 p.

CALLOSITIES

Calluses and abrasions. V.IA.Arutiunov Zdorov'e 6 no 7 Jl Je '60

Treatment of dry callosities by an alcohol-novocaine block. A.G.Glukharev Voen.-med. zhur. no. 6:81-82 Je '60.

CALLOT, JACQUES, 1592-1635

"Jacques Callot" by A.S.Glikman. Reviewed by M.N. Fiekel'. Poligr. proizv. no 6.30 Je '60

CALORIMETERS

Calorimeter for measuring the enthalpy of decomposition of solids [with summary in English]. A F Vorob'ev, N.M Privalova, S M Skuratov. Zhur. fiz. khim. 34 no. 5:1142-1144 My '60.

CALVES—FEEDING AND FEEDS

You should know the new method of raising calves. V.Murav'eva. Agitator no. 10:36-38 My '60.

CAMBODIA

Verin, V.P., and N.A.Verina. [Cambodia] Kambodzha. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 41 p. (U karty mira)

CAMBODIA—FOREIGN RELATIONS—UNITED STATES

The Cambodian people stand for neutrality. V.Shlenov. Sovr. Vost. no. 7:44-45 Jl '60.

CAMBODIA—POLITICS AND GOVERNMENT

The Cambodian people stand for neutrality. V.Shlenov. Sovr. Vost. no. 7:44-45 Jl '60.

CAMERAS

(see also subdivision under Germany, West)

Armorer F.Tokarev designs cameras. Sov. foto 20 no. 5:30 My '60.

I made it myself. S.Mizonov. Tekh. mol. 28 no. 6:27-28 '60.

New cameras. V.Kuz'min. Sov. foto 20 no. 7:26-27 Jl '60.

"Smena" camera, a tourist's companion. A.Moiseev. Sov. foto 20 no. 3:43 Mr '60.

"Sport" and "Turist" cameras. I.Kravtsova, E.Evzerikhin Sov. foto 20 no. 5:33 My '60.

Universal panoramic camera. I.Petrov. Sov. foto 20 no. 2:37 F '60.

CAMERAS—EXHIBITIONS

Leipzig, spring, 1960. Sov. foto 20 no. 3:25 Mr '60.

CAMERAS—MAINTENANCE AND REPAIR

When there is no repairman on hand. M.IAkovlev. Sov. foto 20 no. 3:30-32 Mr '60.

CAMERAS—TESTING

You can check the adjustment of the lenses yourself V.Moshkin. Sov. foto 20 no. 5.32 My '60.

CAMPING

For the miner-tourist. A.Vlasov. Mast. ugl 9 no. 5:30-31 My '60.

CAMPING—OUTFITS, SUPPLIES, ETC.

[You do it yourself in camp.] IUn. tekh. 4 no. 5:72-76 My '60.

CAMPS

Your child goes to a camp. N.Maksimov. Sem'ia i shkola 15 no. 6:15 Je '60.

CAMS

Korchemnyi, L.V. [Kinematics of gas-distribution cam gears] Kinematika kulachkovykh mekhanizmov gazoraspredeleniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostr. lit-ry, 1960. 35 p. (Moscow. Gosudarstvennyi nauchno-issledovatel'skii avtomobil'nyi i avtomotornyi institut [Trudy], no. 30)

[MICROFILM]

Profiling cams with a composite law of motion for tappets E.I.Toropygin. Izv. vys. ucheb. zav.; mashinostr. no. 6:16-24 '60.

CANADA—AIR BASES, AMERICAN

Will Canada become a military satellite of the United States. IU.Rigin. Mir. ekon i mezhdunar. otn. no. 7:102-104 Jl '60.

CANADA—DEFENSES

Will Canada become a military satellite of the United States. IU.Rigin Mir. ekon. i mezhdunar. otn. no. 7:102-104 Jl '60.

CANADA—ELECTRIC LINES—OVERHEAD

600 kv. experimental line in Canada. A.I.Gershengorn. Energokhoz za rub. no. 3:45-46 My-Je '60.

CANADA—HYDROELECTRIC POWER STATIONS

Some data pertaining to the electric part of the Robert Saunders Hydroelectric Power Station on the Saint Lawrence River IU.M.Novikov Energokhoz. za. rub. no. 3:34-36 My-Je '60

CANADA—ICE-BREAKING VESSELS

New Canadian icebreakers [from "Canadian Shipping and Marine Engineering News," no. 12, 1959. "Shipping Register and Shipbuilder," no. 12, 1959]. Sudostroenie 26 no. 6.68-69 Je '60.

CANADA—PLANT INTRODUCTION

Plant introduction in the sub-Arctic zone of Canada. N.A.Avrorin. Bot. zhur. 45 no. 7:1086-1095 Jl '60.

CANADA—PLYWOOD

Continuous production line for processing plywood (from "Lumberman," no. 13, 1959). Der. prom. 9 no. 7:31 Jl '60.

CANADA—PLYWOOD—TESTING

Using the sound method for detecting bubbles in plywood (from "Timber Trades Journal," no. 4349, 1960). Der. prom. 9 no. 7:30 Jl '60.

CANADA—RELATIONS (GENERAL) WITH RUSSIA

"To hell with bombs, let's rather exchange photographs." A.Grigor'ev Sov foto 20 no. 5:39 My '60.

CANADA—TEXTILE FIBERS, SYNTHETIC

Darvan, synthetic fiber (from "Canadian Textile J.," no. 25, 1959). Khim volok no. 3 72 '60.

CANADA—UKRAINIANS

"Ukrainian labor immigration in the U.S.A. and Canada in the lage 19th and early 20th century" by A.M Shlepakov. Reviewed by M.I.Loziuk Ukr ist zhur 4 no 4.128-130 Jl-Ag '60.

CANCER

Activity of the amylase and catalase of the blood in cancer patients. E.A.Sel'kov. Trudy LIETIN 2:328-331 '59.

Antigenic differences between normal erythrocytes and erythrocytes of patients with some neoplasms [with summary in English]. F.Lacour and others. Pat. fiziol. i eksp. terap. 4 no. 3:39-42 My-Je '60.

"Cancer: causes, prevention, and treatment" by L.F. Larionov. Reviewed by K.D.Shumskii. Fel'd. i akush. 25 no. 5:63 My '60.

Carcinomas in rats following implantation of pulverized cellophane in the kidney with ligated ureter. A.Kh. Kogan. Pat. fiziol. i eksp. terap. 4 no. 3:70-71 My-Je '60.

Chemical weapon. L.F.Larionov. Znan. sila 35 no. 5:18-19 My '60.

Cytochemical studies of changes in the isoelectric point and the dynamics of desoxyribonucleic acid in the development of a malignant tumor [with summary in English]. M P, Volovyk, O.M.Bezkrovnyi, O.A.Sukachova. Dop. AN URSR no. 3:363-366 '60

Diagnostic significance of the thrombocyte formula in cancerous neoplasms. O.A.Nikiforova. Trudy LIETIN 2:304-309 '59.

Influence of malignant neoplasms on the motor activity of rabbits [with summary in English]. A.E.Nadareishvili. Pat. fiziol. i eksp. terap. 4 no. 3:49-51 My-Je '60.

Influence of ultrasound on the biological properties of malignant tissue [with summary in English]. K.P. Balitskii, M.I.Gurevich. Pat. fiziol. i eksp. terap. 4 no. 3:31-35 My-Je '60.

Is there deterioration of the blood supply of preneoplastic formations? (Some comments on the adaptation-dystrophic theory of the development of tumors of Prof. L.F. Larionov). Pat. fiziol. i eksp. terap. 4 no. 3:78-79 My-Je '60.

Morphological changes in the cerebrospinal ganglia in cancers of varying localization [with summary in English]. A.F.Kiseleva, IU.S.Kozachuk. Vrach. delo no. 7:80-85 Jl '60.

Possibility of using electron microscope observations on the thrombocytes of the peripheral blood for the diagnosis of cancer. O.A.Nikiforova. Trudy LIETIN 2:310-316 '59.

Possible role of free radicals in carcinogenesis. A.B. Syrkin. Usp. sovr. biol. 49 no. 3:305-319 My-Je '60.

Radioactive knife. A.I.Serebrov. Znan. sila 35 no. 5:17 My '60.

CANCER (Continued)

Remedies borrowed from nature. S. M. Navashin. Znan. sila 35 no.5:10-10 My '60.

Significance of paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the cerebrospinal fluid and blood serum in the diagnosis of tumorous and chronic inflammatory diseases of the nervous system. A.Sh.Makarov. Trudy LIETIN 2:230-240 '59.

Structural changes in the nervous system in uncomplicated and complicated cases of cancer of certain internal organs. N.I.Kalandadze. Soob. AN Gruz.SSR 24 no.3:357-362 Mr '60.

Studies of the fractional composition of the proteins, lipoproteins, and glycoproteins of the blood serum of cancer patients. E.V.Kalinina. Trudy LIETIN 2:310-327 '59.

Study of the action of a number of antitumor preparations on cultures of human tumors [with summary in English]. T.G.Khaleeva. Biul.eksp.biol.i med. 49 no.1:65-68 Ja '60.

Surgery. N.N.Blokhin. Znan. sila 35 no.5:16 My '60.

Two comments on the adaptation-dystrophic theory of development of malignant tumors. I.A.Moroshkov. Pat.fiziol.i eksp.terap. 4 no.3:76-77 My-Je '60.

Use of staphylococcal mutants with defective oxidation for the investigation of anticancerous antibiotics [with summary in English]. G.F.Gause, G.V.Kochetkova. Antibiotiki 5 no.1:62-64 Ja-F '60.

CANCER - CONGRESSES

International symposium on carcinogenesis. M.O.Raushenbakh. Pat.fiziol.i eksp.terap. 4 no.3:90-92 My-Je '60.

S"ezd onkologov, 2nd, Kiev, 1956. [Transactions of the Second Oncological Congress and the Third Congress of Radiologists of the Ukrainian S.S.R., Kiev, June 18-24, 1956] Trudy II s"ezda onkologov i III s"ezda rentgenologov i radiologov USSR, 18-24 iiunia 1956 g.g. Kiev. Kiev, Gos.med.izd-vo USSR, 1959. 670 p.

CANCER RESEARCH

(see also subdivision under Kazakhstan)

Resolution adopted by the General Assembly (on the report of the Third Committee A/4270). Lab.delo 6 no.3:62 My-Je '60.

CANDY see Confectionery

CANKER (PLANT DISEASE)

Conidial stage of the fungus Eutoxylina stellulata (Rom.) Rom. causing canker of the trunk in ash trees. I.A. Oganova. Bot. mat. Otd. spor. rast. 13:271-273 '60.

CANNING AND PRESERVING

Prospects for the uses of refrigeration in the canning and fruit and vegetable industries [with summary in English]. Khol.tekh. 37 no.3:1-4 My-Je '60.

CANVAS see subdivision under Poland

CAPILLARIES

Selecting capillary tubes. A.Gogolin, D.Gerasimov. Khol.tekh. 37 no.3:69-71 My-Je '60.

CAPILLARIES - EXAMINATION

Importance of capillaroscopy and dermal thermometry in the diagnosis of the early stages of obliterating endarteritis. M.D.Arslanov. Zdrav.Kazakh. 19 no.1:64-67 '59.

CAPILLARIES - PERMEABILITY

Permeability of the capillaries and the volume of extracellular liquid in hypertension patients in the neurogenic stage. M.G.Shevchenko. Vrach.delo no.7:135-138 Jl '60.

The role and significance of histohematic barriers in the animal organism [with summary in English]. L.S. Shtern. Izv.AN SSSR.Ser.biol. no.3:330-345 My-Je '60.

Role of active globulins in increased capillary permeability in inflammation [with summary in English]. G.M. Mochegol'. Pat.fiziol.i eksp.terap. 4 no.3:14-17 My-Je '60.

CAPILLARITY

Capillary hysteresis in the rise of liquids in capillaries of varying cross section [with summary in English]. M.M.Kusakov, D.N.Nekrasov. Zhur.fiz.khim. 34 no.7:1602-1609 Jl '60.

New design of a capillarity meter. A.N.Braslavskii. Izv.vys.ucheb.zav.;geol.i razv. 3 no.4:113-117 Ap '60.

CAPITAL INVESTMENTS

Probst, A.E. [Method of determining the economic efficiency of modern technology] Ekonomicheskaia effektivnost' novoi tekhniki; metod ee opredeleniia. Moskva, Gos.izd-vo polit.lit-ry, 1960. 215 p.

Zlobin, P.I. [Accounting for capital investments and their financing; based on the builder's balance] Uchet kapital'nykh vlozhenii i ikh finansirovaniia; na balanse zastroishchika. Moskva, Gos.stat.izd-vo, 1960. 171 p.

CAPITALISM

Moscow. Akademiia obshchestvennykh nauk. Kafedra politicheskoi ekonomii. [Modern state-monopoly capitalism] Sovremennyi gosudarstvenno-monopolisticheskii kapitalizm. Moskva, Izd-vo VPSh i AON pri TSK KPSS, 1960. 274 p.

The myth about "People's capitalism." I.Zlobin. Fin. SSSR 21 no.5:8-16 My '60.

Present-day capitalism and technological progress. Vest.Mosk.un.Ser.ekon.,filos.,prava 15 no.2:100-101 '60.

CAPITALISM - BIBLIOGRAPHY see Bibliography - Capitalism

CAR WHEELS

Dynamic interaction between wheel and rail. V.V. Abashkin, L.V.Pavlov. Vest.TSNII MPS 19 no.4:34-37 '60.

Effect of car wheel unbalance on the motion of the car truck. V.A.Shchepotil'nikov, V.A.Kamenskii. Trudy MIIT no.126:60-70 '60.

Light duty seamless rolled wheels. I.V.Karlin, I.V. Nasonov. Vest.TSNII MPS 19 no.4:54-55 '60.

Recommendations for the preparation of technical specifications for dynamic car wheel balancing. N.N.Krylov. Trudy MIIT no.126:51-65 '60.

Tread wear of car wheels. T.K.Golubkina. Vest.TSNII MPS 19 no.4:37-41 '60.

CAR WHEELS - STANDARDS

Supplements to the standard for wheel pairs of railroad cars. B.I.Vishniakov. Standartizatsiia 24 no.6:28-30 Je '60.

CARAMEL see subdivision under Baku

CARBAMIC ACID

Extraction and amperometric titration of [illegible] M. [illegible] '60.

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in patients with [illegible] O.V.Kochubei [illegible] 40-44 Mr-Ap '60.

Effect of a modified functional state of the cerebral cortex on some aspects of carbohydrate metabolism. V.A.Kokushkina. Trudy Inst.fiziol. AN Gruz.SSR 2:102-108 '59.

Effect of extirpation of certain cortical zones in animals on interoceptive reflexes from the stomach as expressed by carbohydrate metabolism. F.M.Mirzoeva. Trudy Inst.fiziol. AN [illegible] 2:133-138 '59.

Effect of stimulation of [illegible] carbohydrate metabolism following the administration of [illegible] mineral water [illegible] Azerbaijan [with summary in English] [illegible] Dokl. AN Azerb.SSR 16 [illegible]

CARBON see subdivision under Atlantic Ocean

CARBON - ANALYSIS

Analysis of [illegible] organic compounds [illegible] hydrolysis for the simultaneous [illegible] fluorine [illegible] [with summary in English] [illegible] Zhur. anal. khim. 15 [illegible] My-Je '60.

Analysis of fluoroorganic compounds [illegible] determination of fluorine, carbon [illegible] [with summary in English] [illegible] Zhur. anal. khim. [illegible] 342-346 My-Je '60.

Determination of carbon [illegible] [illegible] 5:65-66 '60.

Microdetermination of carbon [illegible] salts of aryl diazonium [illegible] A.N.Zakharova, A.A.[illegible] Vest. Mosk. un. [illegible] Khim. 15 no.1:55-56 '60.

Simultaneous [illegible] determination of carbon [illegible] and nitrogen in [illegible] [illegible] Vest. Mosk. un. [illegible] 77-78 '60.

CARBON - ISOTOPES

Investigation of the stability of [illegible] isotope exchange. V.I.Vasil'ev [illegible] Dokl. AN SSSR 133 no.1:152-154 Jl '60.

Simple method for measuring the ratio [illegible] labeled with C^{14} [with summary in English]. V.I.Matveev, M.I.Lerman, I.S.[illegible] Zhur. anal. khim. 15 no.3:370-371 My-Je '60.

Spins and parity levels of C^{13}. [illegible] M.A.[illegible] Izv. AN SSSR. Ser. fiz. 24 [illegible] 882-884 Jl '60.

CARBON, ACTIVATED

Adsorption properties of carbon [illegible] No.5. Characteristic of the adsorption of water vapor by activated carbon [illegible] M.M.Dubinin, [illegible] Izv. AN SSSR. Otd.khim.nauk no.[illegible] 1[illegible]

Regeneration of activated carbon [illegible] removal of mercury vapors and [illegible] compounds from waste gases. I.I.Zel'dovich, A.[illegible], N.M.Teplakov. Zhur.prikl.khim. 33 [illegible] 1222-1224 My '60.

Structure and adsorption activity of carbons as related to conditions of activation. V.A.Kriukov [illegible] Dokl. AN SSSR [illegible] 211-217 [illegible]

CARBON BLACK

[illegible]

CARD SYSTEM IN BUSINESS

Horizontal card indexes and their use. S.IAkubson. Bukhg.uchet 17 no.6:50-57 Je '60.

CARDBOARD see Paperboard

CARDIAC ARREST see Heart failure

CARDING MACHINES

Breakage of staple and wool fibers in the cloth wool carding machine Chou T'i-ch'eng. Izv vys.ucheb. zav., tekh.tekst.prom no. 3:45-56 '60.

Four blade carding beater. B. P. Ivakin. Tekst. prom. 20 no. 7:65 Jl '60.

Investigating the doffing process on a carding machine T M Glastonova, A. M. Romanova. Izv. vys. ucheb. zav., tekh tekst. prom. no 3:57-65 '60.

CARDIOVASCULAR SYSTEM

Cardiovascular system in tuberculous meningitis in adults V. P Rudin, P V Sin'kovskii, A F. Poddubnyi. Pat, klin i terap. tub no 8:58-63 '59

Changes in the cardiovascular function of Bukhara school children during the school day. D. IA. Linskis. Med. zhur., Uzb no 12:82-87 D '58

Reaction of the cardiovascular system of children aged 8-14 years to maximum workload A A Biriukovich, V M Korol, V A Makarov Dokl APN no 1 85-90 '60

Some physiological changes in the cardiovascular system of workers in hot shops of the Alma-Ata Heavy Machine Building Factory. V. P. Rorokin. Zdrav. Kazakh. 18 no. 1:23-28 '59.

Stange-Hench test as a method of functional diagnosis of the cardiovascular system in children with blood system diseases V V Luginina Vop okh mat i det 5 no 3 62-66 My-Je '60

CARDIOVASCULAR SYSTEM—DISEASES

Influence of meteorological factors on the appearance and course of some forms of cardiovascular diseases. P. G. Skochii. Vrach. delo no. 7:110-111 Jl '60.

Saratov. Meditsinskii institut. [Pathology of the cardiovascular system] Patologiia serdechno-sosudistoi sistemy. [Saratov] Saratovskoe knizhnoe izd-vo 1959. 270 p.
(DNLM)

Some clinical and experimental data on the treatment of patients with cardiovascular neuroses. B. M. Berezovskaia. Vrach. delo no. 6:579-583 Je '60.

CARGO HANDLING

(see also subdivision under Moscow)

Workers of the Rostov harbor making efforts to carry out the seven-year plan. A. Filippenko. Rech. transp. 19 no. 5:9-10 My '60.

CARGO HANDLING—EQUIPMENT AND SUPPLIES

Cargo-handling devices on new American perishable cargo carriers. Sudostroenie 26 no. 6:63-66 Je '60.

Expansion of harbor facilities by the Ministry of the River Fleet during 1959-1965. E. Smirnov. Rech. transp. 19 no. 5:3-6 My '60.

Safety factor norms for the strength of loading equipment. A. N. Gurovich. Sudostroenie 26 no. 6:16-18 Je '60.

CARICATURES AND CARTOONS

Editorial office and artist. V. Fomichev. Sov. pech. no. 7:33-35 Jl '60.

CAROTENE

Extraction of carotene from dry protein coagulate with vegetable oil in the extraction battery. L. O. Shnaidman, B. M. Dul'china. Trudy VNIVI 6:108-110 '59.

Precise definition of some problems of the new technology for the production of carotene from carrots and squash. L. O. Shnaidman, B. M. Dul'china. Trudy VNIVI 6:110-116 '59.

Production of vitamin meal from lucerne. L. O. Shnaidman, M. F. Shakhova. Trudy VNIVI 6:148-151 '59.

Stability of carotene in plants. R. TS. Abel'son. Trudy VNIVI 6:176-180 '59.

Vitamin pumpkin. A. Markov. Nauka i zhizn' 27 no. 7:77-78 Jl '60.

CAROTENOIDS

Concentration of carotenoid pigments in the endosperm of wheat kernels depending on the variety and growing conditions. M. N. Babaian. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:69-75 '60.

CAROTID SINUS

Effect of the functional state of the carotid sinus on the concentration of normal hemolysins and protein fractions in the blood serum [with summary in English]. V. S. Zudin Fiziol. zhur. [Ukr.] 6 no 4 553-559 Jl-Ag '60.

CARP

(see also subdivision under Issyk-Kul', Katta-Kurgan Reservoir)

Comparing the developmental stages of carp (Cyprinus carpio (Linne)) from the Kuban limans and the Volga River. E. F. Eremeeva. Trudy Inst. morf. zhiv. no. 25:37-46 '60.

Late developmental stages of roach (Rutilus rutilus heckeli (Nordmann)), bream (Abramis brama (Linnel)), and carp (Cyprinus carpio (Linne)) in the outer Volga Delta and the northern Caspian. T. B. Sablina. Trudy Inst. morf. zhiv. no. 25:137-160 '60.

Sex glands in carp-crucian carp hybrids [with summary in English]. V. A. Movchan, H. S. Shuliak. Dop. AN URSR no. 5:683-687 '60.

CARP—DISEASES AND PESTS

Coccidiosis in carp on pond farms of the Ukrainian S. S. R. I H Bezpalyi. Pratsi Inst. zool. AN URSR 15:36-42 '59

CARPATHIAN MOUNTAIN REGION—GAS, NATURAL

Stasiv, M. IU. [Petroleum, gas, and ozocerites in the Carpathian Mountain region] Nafta, gaz i ozokeryt Prykarpattia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 64 p.

CARPATHIAN MOUNTAIN REGION—GAS, NATURAL—GEOLOGY

Stryy key well A. A. Leshchinskii. Trudy VNIGNI no 24 200-212 '60

CARPATHIAN MOUNTAIN REGION—OZOCERITE

Stasiv, M. IU. [Petroleum, gas, and ozocerites in the Carpathian Mountain region] Nafta, gaz i ozokeryt Prykarpattia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 64 p.

CARPATHIAN MOUNTAIN REGION—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy of Oligocene and Miocene deposits of Ciscarpathia based on the study of foraminifers. N. N. Subbotina, L. S. Pishvanova, L. V. Ivanova. Trudy VNIGRI no. 153:5-155 '60.

CARPATHIAN MOUNTAIN REGION—PETROLEUM GEOLOGY

Stryy key well. A. A Leshchinskii Trudy VNIGNI no 24 200-212 '60

CARPATHIAN MOUNTAIN REGION—PETROLEUM INDUSTRY

Stasiv, M. IU. [Petroleum, gas, and ozocerites in the Carpathian Mountain region] Nafta, gaz i ozokeryt Prykarpattia. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1959. 64 p.

CARPATHIAN MOUNTAIN REGION—TOURISM

Don't expect any heroic deeds. N. Tarasenkova. Ogonek 38 no. 31:24 Jl '60.

CARPATHIAN MOUNTAINS—ARNICA

Vegetative and seed reproduction in Arnica montana L. and Gentiana lutea L. in the Ukrainian Carpathians. D. S. Ivashin. Bot. zhur. 45 no. 7:1039-1044 Jl '60.

CARPATHIAN MOUNTAINS—FERTILIZATION OF PLANTS

Fertilization in some alpine plants of the Carpathians [with summary in English]. Kh. IU. Rudenko Ukr. bot. zhur. 17 no. 3:34-41 '60.

CARPATHIAN MOUNTAINS—GENTIANS

Vegetative and seed reproduction in Arnica montana L. and Gentiana lutea L. in the Ukrainian Carpathians. D. S. Ivashin. Bot. zhur. 45 no. 7:1039-1044 Jl '60.

CARPATHO-UKRAINE see Transcarpathia

CARROTS

Pretreatment and supplementary nutrition for seeds as a factor in raising carrot yields. G. I. Shchibria. Trudy VNIVI 6:180-184 '59.

CARROTS—STORAGE

Use of antiseptics and antibiotics of the higher plants in storing carrots. A. I. Grimm. Sbor. nauch. rab. Len. inst. sov. torg. no. 16:17-27 '59.

CARTOGRAPHY

Color base of administrative maps. N. G. Bokachev. Geod i kart. no 5:54-57 My '60

Exchange of experience in making topographic plans I. A. P'iankov. Geod i kart. no 5:62-63 My '60.

Making a photographic plan with contours on F. V. Drobyshev's photocartograph. V. V. Kislov. Geod. i kart no. 5:33-37 My '60

Mapping sections of construction areas at the scale of 1:5000. G. S. Korenev, A. G. Prokhorov. Geod. i kart no. 5 64-66 My '60.

Plotting on plastic with simultaneous engraving of the final compilation A V. Borodin. Geod i kart. no. 5 51-54 My '60.

Results of the all-Union socialist competition among enterprises of the Main Administration of Geodesy and Cartography for the first quarter of 1960. Geod. i kart. no 5:3-5 My '60

Some ways of reducing manual work in the cartographic industry. N. F. Smozhenkov. Geod. i kart. no. 6:56-60 Je '60.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—DICTIONARIES

English-Russian dictionary of cartography, geodesy, and aerophotographic topographical surveying. K. F. Nekrasova. Geod. i kart. no. 6:74 Je '60.

CARTOGRAPHY—ECONOMIC ASPECTS

The great achievement of the Soviet people. Geod. i kart. no. 6:8-11 Je '60.

CARTRIDGES

Tolstoplat, A. L. [Loading cartridges with buckshot] Snariazhenie patronov k drobovomu ruzh'iu. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1953. 130 p.

CARUM see subdivision under Soviet Central Asia

CASE HARDENING

Nitriding titanium alloys in pure nitrogen. E. N. Novikova. Titan i ego splavy no. 3:35-40 '60.

Steel embrittlement in the nitriding process. E. P. Mogilevskii. Metalloved. i term. obr. met. no. 6:50-52 Je '60.

CASEIN

Knit fabrics with casein fiber content. M. M. Miasnikova. Tekst. prom. 20 no. 6:87-88 Je '60.

CASPIAN DEPRESSION—ELECTRIC PROSPECTING

Using the telluric current method in the marginal zone of the Caspian Depression. B. A. Shabanov, L. A. Gorelov. Geol. nefti i gaza 4 no. 6 37-41 Je '60.

CASPIAN SEA

Fluctuations of Black and Caspian Sea levels during the Holocene P. V. Fedorov, L A. Skiba. Izv AN SSSR Ser geog no. 4:24-34 Jl-Ag '60

CASPIAN SEA—BENTHOS

Distribution of benthos in the middle and southern Caspian [with summary in English]. N. N. Romanova. Zool. zhur. 39 no. 6:811-825 Je '60.

CASPIAN SEA—DIATOMS

Biology of bethic diatoms in the western shore area of the Caspian Sea. N. I. Karaeva. Bot. zhur. 45 no. 5:767-770 My '60.

CASPIAN SEA—FISHES—PHYSIOLOGY

Late developmental stages of roach (Rutilus rutilus heckeli (Nordmann)), bream (Abramis brama (Linne)), and carp (Cyprinus carpio (Linne)) in the outer Volga Delta and the northern Caspian. T. B. Sablina. Trudy Inst. morf. zhiv. no. 25:137-160 '60.

CASPIAN SEA—HYDROLOGY

Variation of hydrological characteristics of the Baltic, Barents, and Caspian Seas over a period of many years and the solar activity. I. M. Soskin. Trudy Okean. kom. 7:3-22 '60.

CASPIAN SEA—SEALS (ANIMALS)

State of Caspian seal stocks [with summary in English]. B. I. Badamshin. Zool. zhur. 39 no. 6:898-905 Je '60.

CASPIAN SEA—SOIL MECHANICS

Lithology and physicomechanical properties of bottom soils south of Peschanyy Island. F. S. Aliev, N. P. Rakitianskii. Dokl. AN Azerb. SSR 16 no. 3:275-280 '60.

CASPIAN SEA—TRAIN FERRIES

Ferry for the Caspian Sea. A. S. Rachkov. Sudostroenie no. 7:1-5 Jl '60.

CASPIAN SEA REGION—ALKALI LANDS

Relations between the soil and vegetative cover of the northeastern coast of the Caspian Sea and the salinity and moisture conditions [with summary in English]. L. N. Tagunova. Biul. MOIP. Otd. biol. 65 no. 1:61-76 Ja-F '60.

CASPIAN SEA REGION—EULAMELLIBRANCHIATA, FOSSIL

Systematics of Apsheron Cardiidae. K A. Astaf'eva. Izv vys. ucheb. zav ; geol. i razv. no. 3 42-49 Mr '60

CASPIAN SEA REGION—GEOLOGY, STRATIGRAPHIC

Correlating terraces of the lower and middle Volga Valley with the terraces of the Caspian Sea. P. V. Fedorov, IU. M. Vasil'ev. Dokl. AN SSSR 133 no. 2:442-445 Jl '60.

CASPIAN SEA REGION—SALT DEPOSITS

Structure of one of the salt domes of the Caspian Sea Region. S. A. Dolgikh. Vest. AN Kazakh. SSR 16 no. 6:71-75 Je '60.

CASSITERITE see subdivision under Zirabulak Mountains

CAST IRON

Effect of electron bombardment on the decay of cementite and the graphitization of white cast iron. I. M. Pronman, V. A. Shalashov, A. Kh. Breger. Dokl. AN SSSR 133 no. 4:825-828 Ag '60.

Effect of overheating during melting and modification on the properties of gray cast iron. N. G. Girshovich. Lit. proizv. no. 7:26-32 Je '60.

Effect of the velocity of underground waters on the destruction of concrete structures and cast iron tubings. V. F. Mil'ner. Biul. MOIP. Otd. geol. 35 no. 1:124 Ja-F '60.

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Cast iron and secondary ferrous metals] Chuguny i vtorichnye chernye metally. Izd. ofitsial'noe. Moskva, 1959. 157 p.

CAST IRON—METALLOGRAPHY

Alloying cast iron with spheroidal graphite. E.E. Farafonov, L.P. Gorushkina. Lit. proizv. no.7:24-26 Je '60.

Bobro, IU.G. [Heat-resistant and growth-resistant cast iron] Zharostoikie i rostoustoichivye chuguny. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 167 p.

Effect of the rate of cooling on the structure of deposited cast iron. G.V. Ksendzyk. Avtom. svar. 13 no.7:49-57 Jl '60.

Investigating the kinetics of eutectoid transformations in cast iron. K.P. Bunin, I.P. Gorlova, S.A. Fedorova. Lit. proizv. no.7:18-20 Je '60.

Structure of the phosphide eutectic in cast iron. IA.N. Malinochka, N.G. Osada. Lit. proizv. no.7:21-24 Je '60.

CAST IRON—METALLURGY

Current problems of ferrous metallurgy N. Boikov NTO 2 no 7 13-16 Jl '60

Desulfuration of pig iron outside the blast furnace by lime with the addition of aluminum powder. S.K. Sobolev and others Sbor. Inst. stali no.39:5-15 '60

Effect of foundry iron prepared by a non-blast-furnace method on the quality of foundings. P.V. Chernogorov, A.V. Bobrov. Lit. proizv. no 7:9-12 Je '60.

Effect of the rate of white cast iron ingot cooling on the mechanism of the formation of graphitization centers during annealing I I Khoroshev Izv vys ucheb zav ,chern met no 6 140-145 '60

For an early carrying out of resolutions made by the 21st Congress of the Communist Party of the Soviet Union. V. Andreev. Metallurg 5 no 8,1-3 Ag '60.

CATALASE

Catalase activity and virulence of Mycobacterium tuberculosis resistant to phthivazid T S Ginzburg Pat ,klin i terap tub no 8 92-95 '58

CATALOGS, BOOKSELLERS'

[Soviet books (new publications), order catalog] Sovetskie knigi (novinki), katalog dlia zakazov no. 16a '58

CATALOGS, LIBRARY

More on the catalogs of provincial libraries B.T. Utkin, Sov bibl no 3 121-124 '60

CATALOGS, SCHOOL see subdivision under Moscow Province

CATALOGS, UNION

[Union list of new foreign books received by the libraries of the U.S.S.R. Series A: Natural sciences, medicine, agriculture, technology] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR Seriia A. Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika no 3 '60.

[Union list of new foreign books received by the libraries of the U.S.S.R. Series A Natural sciences, medicine, agriculture, technology.] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika no 4 '56.

[Union list of new foreign books received by the libraries of the U.S.S.R. Series B. Social sciences] Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki no 3 '60

CATALYSIS

Automatic control of the catalyst circulation system in a catalyst cracking unit. A.F. Anisimov, A.G. Samarskii, IU.A. Alekseev. Khim. i tekh. topl. i masel 5 no.6:1-6 Je '60.

Electromotive forces in some catalytic reduction reactions [with summary in English]. V.A. Zhuravlev, A.A. Kuzheliuk. Zhur. fiz. khim. 34 no.6,1331-1335 Je '60.

Experiments for increasing the selectivity and activity of styrene-process catalysts. V.P. Shatalov, L.A. Velikanova. Khim. prom. no.1 31-33 Ja-F '60.

On the mechanism of catalysis. Part 3 [with summary in English]. N.I. Kobozev. Zhur. fiz. khim. 34 no.7: 1443-1459 Jl '60.

Principal stages in the development of organic catalysis in the U.S.S.R. V.I. Kuznetsov. Vop. ist. est. i tekh. no.9:51-61 '60.

Some structural problems of hydrogenation catalysis. Part 3. A.N. Mal'tsev and others. Zhur. fiz. khim. 34 no.6:1190-1199 Je '60.

Technological parameters of a two-stage water-gas converter with optimum dimensions of catalyst tablets. B.I. Popov, A.S. Shmelev. Khim. prom. no.1:45-47 Ja-F '60.

CATALYSTS

Adsorption of hydrogen on the low-temperature catalysts Pt/Al_2O_3 and Pd/Al_2O_3 in the liquid phase. D.V. Sokol'skii, E.I. Gil'debrand. Dokl. AN SSSR 133 no.3,609-612 Jl '60.

Calculation of the kinetics of the process taking place in the reactor from the data of modeling experiments with a single pellet. D.P. Dobychin, TS.M. Klibanova, O.M. Todes Zhur. prikl. khim. 33 no.7:1519-1526 Jl '60.

Dependence of the catalytic activity of the catalyst Co/SiO_2 upon the porosity of the catalyst Report No. 4. A.E. Agronomov, A.P. Mishchenko Vest. Mosk un Ser. 2 Khim 15 no 1 35-39 '60

A discovery which saves millions. T. Ilatovskaia. Smena 37 no 13:2-4 Jl '60.

Effect of the content of molybdenum oxide on the activity of alumina-molybdenum oxide catalysts in the process of destructive hydrogenation at low pressure IA R Katsobashvili A.A Popov Zhur prikl khim 33 no 7 1613-1617 Jl '60

Effect of the content of nickelous oxide on the activity of alumina - nickel oxide catalysts in the process of destructive hydrogenation at low pressures IA R Katsobashvili, A.A. Popov Zhur prikl khim 33 no 7 1607-1613 Jl '60

Effect of the linear velocity of flow in cracking on the deposition of coke on an aluminosilicate catalyst D.P Dobychin, L A Kachur. Zhur. prikl khim. 33 no.7 1514-1519 Jl '60.

Evaluation of the activity of catalysts employed in cracking K V Topchieva, B V Romanovskii, S. A Ven'iaminov. Vest Mosk un Ser. 2 Khim 15 no.1 3-10 '60

Indicator study of the acidity of a phosphate catalyst and of its changes during the course of calcination. L. Kh. Freidlin, V.Z. Sharf. Izv. AN SSSR, Otd. khim. nauk no 6;1128-1130 Je '60.

Selection of a catalyst for cracking residual petroleum fractions, and study of poisoning of the catalyst during the process. A.V. Agafonov, I.E. Gel'ms, E.I. Rabinovich. Khim. i tekh. topl. i masel 5 no.6 6-12 Je '60.

Synthesis of methanol on a zinc-chromium catalyst at reduced concentrations of carbon monoxide in the circulating gas. Khim. i tekh. topl. i masel 5 no.6. 17-24 Je '60.

CATALYSTS, NICKEL

Catalytic polymerization of olefins. Report No. 10: Effect of the temperature and contact time on the course of ethylene polymerization on nickel catalysts. IA.T. Eidus and others. Izv AN SSSR. Otd. khim. nauk no. 6: 1114-1118 Je '60.

Metallic nickel and nickel on aluminum oxide as hydrogenation catalysts. Report No. 1: Study of the characteristics of the reversible change in the activity of metallic nickel catalyst at constant conditions of benzene hydrogenation. A.A. Alchudzhan. Izv. AN Arm. SSR. Khim. nauki 12 no. 6:377-388 '59

Selective determination of the nickel surface in nickel-aluminum oxide catalysts, and their specific catalytic activity A E Agronomov, IU.S. Mardashev Vest. Mosk un. Ser. 2: Khim 15 no 1 25-34 '60.

Study of metallic nickel and of nickel on aluminum oxide as hydrogenation catalyst. Report No. 2: Genesis and activity of catalysts obtained from nickel acetate. A.A. Alchudzhian. Izv. AN Arm. SSR Khim. nauki 13 no.1;3-15 '60.

CATHODE RAY OSCILLOGRAPH

Increasing the sensitivity of the oscillographic method for detecting distortions of sinusoidal voltage. Z.B. Szwaya. Izm. tekh. no.7:50 Jl '60.

CATHODE RAY TUBES

Boikov, M.A. [Cathode ray tube] Elektronno-luchevaia trubka. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 119 p. (Radiolokatsionnaia tekhnika)

CATHODES

Diffusion of barium in the coating of an oxide cathode. S.G. Chernomorchenko, A.D. Naroditskii, N.V. Musatskov. Trudy SAGU no. 148:81-84 '59.

Preparation of large single crystal tungsten cathodes. U.V. Azizov, V.M. Sultanov. Trudy SAGU no. 148:91-98 '59.

Study of cathode electronics carried out at the physics department of the State University of Central Asia. G.N. Shuppe. Trudy SAGU no. 148:3-7 '59.

CATHOLIC CHURCH

(see also subdivision under Italy)

Sharp weapon of atheism ("Mirror of the papacy" by Otto Korwin. Translated from the German. Reviewed by P. IAshchuk). Nauka i zhyttia 10 no.6:62-63 Je '60.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATTLE—ANATOMY

Metapodial variability and its significance for the study of ancient cattle [with summary in English]. V.I. TSalkin. Biul. MOIP, Otd. biol. 65 no.1 109-120 Ja-F '60.

CATTLE—DISEASES AND PESTS

Anaplasma marginale in the northernmost part of its range. P.S. Ivanova. Trudy Inst. zool. AN Kazakh. SSR 12,94-95 '60.

CATTLE—FEEDING AND FEEDS

(see also subdivision under Bol'shaya Vradiyevka District; Orenburg Province; Poltava Province)

Let's properly organize the pasturing of cattle. I. Dolgoborodov. Blok. agit. [Len.] no. 15.32-38 My '60.

CATTLE—PARASITES see Parasites—Cattle

CATTLE—PHYSIOLOGY

Variation of physiological and economic indices in cows as related to the season and the time of lactation. N.G. Khamitov. Uzb. biol. zhur. no. 3:60-64 '60.

Vascular reactions to high temperature in cattle. S.M. Makhsudov. Uzb. biol. zhur. no. 3;54-59 '60.

CATTLE BREEDERS see subdivision under Kazakhstan

CAUCASUS—BOTANY

New or little-known species from the Caucasus. N.N TSvelev. Bot mat. Gerb 20 23-30 '60.

CAUCASUS—FUNGI, PHYTOPATHOGENIC

The fungus Endothia fluens (Sow.) Shear et Stev. infecting Castanea sativa Mill in the Caucasus [with summary in English]. A.E Protsenko Bot zhur. 45 no.6 812-813 Je '60

CAUCASUS—ROSES

New wild roses from the Northern Caucasus. A.I. Galushko. Bot. mat. Gerb. 20 205-216 '60.

CAUCASUS, NORTHERN—ANTIQUITIES

On the study of metal articles from "eneolithic" monuments of Azerbaijan and the Northern Caucasus. I.R. Selimkhanov. Sov. arkheol. 4 no.2;89-102 '60.

CAUCASUS, NORTHERN—BRONZE AGE—BIBLIOGRAPHY

Study of the culture of North Caucasian tribes during Bronze Age epoch. V.I. Markovich. Sov. arkheol. 4 no.2:280-284 '60.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Conditions governing the formation of local structures in central Ciscaucasia. Z.A. Tabasaranskii. Geol. nefti i gaza 4 no.6:31-37 Je '60.

CAUCASUS, NORTHERN—GEOLOGY

Characteristics of the geological development of the northwestern Caucasus in the lower and middle Jurassic. E.A. Gofman and others. Izv. vys. ucheb. zav., geol. i razv. 3 no.4,43-57 Ap '60.

Geological investigations in the western and central Greater Caucasus at the end of the 19th and beginning of the 20th century S. H Dotsenko Izv vys ucheb zav ,geol i razv no 3 129-135 Mr '60

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC

Shutskaia, E.K. [Lower Paleogene stratigraphy and facies of Ciscaucasia] Stratigrafiia i fatsii nizhnego paleogena Predkavkaz'ia. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 162 p.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Main stages in the development of the relief of the eastern Ciscaucasian plain area G.I Rychagov, O.K. Leont'ev. Izv AN SSSR. Ser geog. no 4.75-82 Jl-Ag '60.

CAUCASUS, NORTHERN—HISTORY

Vaneev, Z.N. [Medieval Alania] Srednevekovaia Alaniia. Stalinir, Gosizdat, IUgo-Osetii, 1959. 182 p.

CAUCASUS, NORTHERN—INSURANCE, SOCIAL

Making a good beginning. Sots. obesp. 21 no.6:21-23 Je '60.

CAUCASUS, NORTHERN—ORE DEPOSITS

Outlook for deep-lying ores in the Sadon and Zgid complex metal deposits in the Northern Caucasus. L.P Zlatogurskaia Izv vys ucheb zav ,geol. i razv no. 3 83-86 Mr '60

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Conditions governing the formation of local structures in central Ciscaucasia. Z.A. Tabasaranskii. Geol. nefti i gaza 4 no.6:31-37 Je '60.

CAUCASUS, NORTHERN—RADIO JOURNALISM

On the banks of the Terek. A. Merkulov, N. Nikolaev Sov. pech no 6 32-33 Je '60.

CAUCASUS IN LITERATURE

"The Caucasus in the works of L.N. Tolstoi" by B.S. Vinogradov. Reviewed by IA. Bilinkis. Vop. lit. 4 no.8:211-214 Ag '60.

CAUSATION

"Causal mechanics" of N.A. Kozyrev. M.A. Korets. Priroda 49 no.7:124 Jl '60.

Lebedev, S.P. [Cause and effect] Prichina i sledstvie. [Moskva] Mosk. rabochii, 1960. 62 p. (Obshchedostupnaia bibliotechka po filosofii)

CAVE CHURCHES see subdivision under Uplistsikhe

CAVE DRAWINGS see subdivision under Payrtakht Valley

CAVES see subdivision under Rumania; Un'ya Valley

CAVITATION

All-Union Scientific Technological Seminar held in Sverdlovsk on problems of increasing the cavitation strength of machine parts. R.I. Mints. Metalloved. i term. obr. met. no.6:58-60 Je '60.

CEILINGS

Methods for sealing joints of precast reinforced concrete ceilings in seismic regions. A.L. Churaian, S.IU. Duzinkevich, Sh.A. Dzhabua. Prom. stroi. 38 no.7: 26-31 '60.

CELANDINE—THERAPEUTIC USE

New method of treating polyposis of the large intestine. A.M. Aminev. Vrach. delo no.6:637 Je '60.

CELESTINE see subdivision under Dronovka region (Lugansk Province)

CELL DIVISION (BIOLOGY)

Concerning IU.M.Zhabotinskii's article "On the division of nerve cells in the central nervous system of men and mammals." G.A.Koblov. Arkh anat.gist.i embr. 38 no.1 100-101 Ja '60.

Influence of vegetative stimulators on cell division in the epithelium of the cornea [with summary in English]. E.S.TSareva. Biul.eksp.biol i med 49 no.1 115-117 Ja '60.

Radiation damage of the nucleus as a factor causing the inhibition of cell division [with summary in English]. I.M.Shapiro, N.N.Rott, I.T.Rass. Zhur ob.biol. 21 no 4:289-296 Jl-Ag '60.

CELL METABOLISM

Some problems in studying ribonucleic acids in cells. L.S.Mil'man. Usp sovr.biol. 49 no 3,285-304 My-Je '60.

CELL NUCLEI

Changes in the color of Peking ducks resulting from the injection of isolated erythrocyte nuclei taken from ducks of a different species. A.A.Chilingarian, E.F.Pavlov. Izv.AN Arm.SSR.Biol.nauki 13 no.1,33-40 Ja '60.

Ribonucleoprotein granules of nuclear sap (isolation and some properties). O.P.Samarina, G.P.Georgiev. Dokl. AN SSSR 133 no.3 694-697 Jl '60.

CELLOPHANE

Carcinomas in rats following implantation of pulverized cellophane in the kidney with ligated ureter A Kh Kogan Pat fiziol i eksp.terap 4 no.3:70-71 My-Je '60

CELLS

Immortal cells. S.Navashin. Znan.sila 35 no.7:13-14 Jl '60.

Life outside the body. S.M.Navashin. Zdorov'e 6 no.7: 6-7 Jl '60.

Some cytochemical characteristics of cells of the plasmatic series. A.I.Shabadash, N.A.Krashkina. Biul.MOIP.Otd.biol. 65 no.3:151-152 My-Je '60.

Some problems in the quantitative spectrophotometric analysis of the cell. L.S.Agroskin and others. TSitologiia 2 no.3:337-352 My-Je '60.

Use of ultraviolet fluorescent microscopy with cytological objects. E.M.Burmbers, I.IA.Barskii. TSitologiia 2 no.3:318-324 My-Je '60.

:ELLULOSE

(see also subdivision under Leningrad)

Absorption of KOH by cellulose from water - alcohol solutions. V.I.Sharkov, V.P Levanova. Zhur prikl khim. 33 no.7 1632-1636 Jl '60.

Effect of aldehydes on the solution of polysaccharides and the formation of sugars in the sulfite cooking of cholocellulose. S.A.Sapotnitskii, A.G.Moskaleva. Zhur.prikl.khim. 33 no.5:1166-1172 My '60.

Effect of carboxyl groups on the properties of cellulose. N.P.Perekal'skii, V.F.Filatonkov. Zhur.prikl.khim. 33 no.5:1158-1167 My '60.

Effect of the pyran ring on the acid hydrolysis of cellulose. V.I.Ivanov, N.IA.Lenshina, V.S.Ivanova. Izv.AN SSSR. Otd.khim.nauk no.6:1130-1138 Je '60.

Hydrolytic hydrogenation of cellulose. Gidroliz.i lesokhim. prom. 13 no.3:17 '60.

Investigating the process of methylation of cellulose. M.Kh.Gluzman, I.B.Levitskaia. Zhur.prikl.khim. 33 no.5:1172-1177 My '60.

ELLULOSE—THERMAL PROPERTIES

Change of properties of cellulose materials during freezing A N.Bykov, S.S.Frolov Khim volok no. 3:33-37 '60.

ELLULOSE ACETATE

Changing the physicochemical properties of triacetylcellulose by the inclusion method. A.N.Bykov Khim volok. no.3.37-39 '60.

New heat-resistant cast material based on cellulose acetobutyrate and polymethyl acrylate E.A.Militskova, A.D.Sokolov Plast massy no 5:6-9 '60.

:LLULOSE ESTERS

Preparation and properties of partially phosphonomethylated cellulose esters (from "Text Res J," no.11, 1959). Khim.volok. no 3 70 '60.

:LLULOSE XANTHATE

Diffusion of components in a precipitation bath deep into viscose fibers during their formation. V.S.Zakharov, L.G.Zelentsov, A B Pakshver. Khim.volok. no.3 26-30 '60.

:MENT

:ement made of molten slags. L.D.Ershov. TSement 26 no.3:14-16 My-Je '60.

etermining the pressure of cement on walls of reinforced concrete silos by experiment. B.A.Petrov. Sbor. nauch.trud.LISI no.30:172-185 '59.

MENT INDUSTRIES

(see also subdivision under Kuvasay; Lvov Province; Novorossiysk; United States)

rief news. TSement 26 no.3:31 My-Je '60.

CEMENT PLANTS

General plans and transportation systems of standard cement plants. S.E.Shilionskii. TSement 26 no.3: 16-20 My-Je '60.

Pay no attention to the construction of cement plants. TSement 26 no.3,1-3 My-Je '60.

Technical and economic labor-productivity indices at cement plants. A.I Pen'kov TSement 26 no.3 20-24 My-Je '60.

CEMENTATION (METALLURGY)

Carburizing by heating in an electrolyte [with summary in English]. V.S.Vanin. Dop.AN URSR no.6,788-790 '60.

Isolating tellurium from solutions by cementation with zinc dust. P.P TSyb, A A.Levina TSvet met 33 no 7 61-65 Jl '60.

Nitriding metallic manganese with ammonia N.F.Nakonechnyi, B.Kh Khan Izv.vys ucheb zav ,chern met no 6 68-76 '60

Properties of cemented stainless steels. D.I.Vishniakov, A.A.Sovalova. Trudy MATI no 43:12-24 '60.

CEMENTITE

Effect of electron bombardment on the decay of cementite and the graphitization of white cast iron. I.M.Pronman, V.A.Shalashov, A.Kh.Brieger. Dokl AN SSSR 133 no.4:825-828 Ag '60.

CENSORSHIP see subdivision under South Africa, Union of

CENTAUREA

(see also subdivision under Iran, Oman, Turkey)

Materials on the systematics of Centaureinae Report No 2 S.K.Cherepanov Bot mat Gerb. 20 157-480 '60

CENTER OF MASS

Determining the vertical coordinates of the center of gravity of two-dimensional objects from the results of gravitational observations [with summary in English]. K.F.Tiapkin. Dop.AN URSR no.4:141-444 '60.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—ALLUVIAL LANDS

Soil formation processes and classification of alluvial soils in the steppe zone of the Central Black Earth Region [with summary in English]. E.P.Voronova. Pochvovedenie no.7:43-52 '60.

CENTRIFUGAL CASTING

Increasing the durability of ingot molds for centrifugal casting of pipes. V.V.Kolesova. Lit.proizv. no.7:38 Je '60.

Two-layer tractor cylinder sleeves centrifugally cast in permanent molds. P.P.Luzan. Lit.proizv. no.7:43 Je '60.

CENTRIFUGAL PUMPS

Distribution of pressure in the side channel of a blade wheel in various operating conditions of a centrifugal pump. A.K.Mikhailov. Energomashinostroenie 6 no.7:26-27 Jl '60.

Some problems appearing in the course on "Centrifugal pumps." IA.A.Palkeev. Izv.vys.ucheb.zav.,stroi.i arkhit. no.2:164-169 '60.

Spacing of centrifugal pumping stations along pipelines. E.M.Bleikher, V.I.Chernikin Izv.vys.ucheb zav.; neft' i gaz 3 no 6:123-126 '60

CENTRIFUGES

Stepless regulation of the number of turns of a rotor in NGP-800 x 400-type centrifuges. L.I.Mamon, G.P. Petrunin. Koks i khim. no.6:57-59 '60.

Use and improvement of the operation of large-capacity centrifugals in the cornstarch industry (from "Stärke," no.12, 1959). N.A.Bakanov. Sakh.prom. 34 no.6: 66-67 Je '60.

CEPHALOPODA, FOSSIL see subdivision under Kuvernerin-Yoki Valley

CEPHALOSPORIN

Separation, purification, and antibacterial properties of cephalosporin R [with summary in English]. A.A.Rozhkov and others. Antibiotiki 5 no.1:9-14 Ja-F '60.

CERAMIC INDUSTRIES

(see also subdivision under Georgia; Moscow Province)

Automating thermal and technological processes in the ceramic industry. D.E.Katsov. Stek.i ker. 17 no.7: 12-17 Jl '60.

CERAMIC MATERIALS

Budnikov, P.P. [Selected works] Izbrannye trudy. Kiev. Izd-vo Akad.nauk USSR, 1960. 671 p.

Poluboiarinov, D.N., V.O.Balkevich, and R.IA.Popil'skii. [High-alumina ceramic and refractory materials] Vysokoglinozemistye keramicheskie i ognuepornye materialy. Pod red.D.N.Poluboiarinova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 231 p.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Ceramic acid-resistant goods] Izdeliia keramicheskie kislotoupornye. Izd.ofitsial'noe. Moskva, 1959. 143 p. (Gosudarstvennye standarty SSSR)

Using ceramic filters in boreholes with a high fine-grained sand content V.V Shimanovskii. Razved i okh nedr 26 no 5 41-44 My '60.

Using coal impurities in making ceramic materials. G.G. Binkou. Stroi.mat. 6 no.7:30 Jl '60.

CERAMIC METALS

Developing and testing titanium-base ceramic metal alloys. N.N.Timoshenko, E.V.Petunina. Titan i ego splavy no.3:99-106 '60

Markelov, P.A. [Metal cutting using tools with ceramic inserts] Rezanie metallov instrumentami s keramicheskimi plastinkami. Moskva, Gos.nauchno-tekhn. izd-vo Oborongiz, 1960. 284 p.

CERAMIC METALS—ELECTRIC PROPERTIES

Calculating the electric conductivity of two-component ceramic metal products A.I.Raichenko, I.M.Fedorchenko. Fiz.met.i metalloved. 9 no.6 815-822 Je '60.

CERAMIC METALS—METALLOGRAPHY

Determining the elasticity modulus of chromium carbide-nickel alloys. P.I.Mel'nichuk, V.N.Klimenko, A.B. Liashchenko. Fiz.met.i metalloved. 9 no.6 918-921 Je '60.

CERAMIC METALS—TESTING

High specific strength ceramic metal alloys. R.P. Shchegoleva, L.S.Golubeva. Titan i ego splavy no.3: 81-89 '60.

CERAMICS

The all-Union state standard for ceramic details for sanitary-engineering products and fixtures Biul stroi tekh 17 no 6 16-17 Je '60

Ceramics and glass for mass construction. L.I.Lopovok. Stek.i ker. 17 no.7:8-11 Jl '60.

Effect of radiation on tg δ in ceramics. I.S.Filatov. Izv.vys.ucheb.zav.,fiz. no.3:239-240 '60.

Improving the characteristics of insulation ceramics by decreasing their inhomogeneity. M.M.Nekrasov. Izv. vys.ucheb.zav.,fiz. no.3 146-153 '60.

Two-layer ceramic facing products made by the method of guniting. I A.Kibardin, S.IA Batirenko Stroi mat. 6 no 5:21-23 My '60

Vibrated wall panels made of bricks and ceramic stones. M.Karakuchi, I.Rokhlin, K.Kucherenko. Stroi.i arkhit. 8 no.7:15-17 Jl '60.

CERAMICS—DRYING

Spray drying of ceramic suspensions. G.P.Filintsev and others. Stek.i ker. 17 no.7:18-21 Jl '60.

CEREBELLUM

Radiosensitivity of nerve cells of a rat's cerebellum under the influence of β-radiation. A.A.Manina. TSitologiia 2 no.3:287-295 My-Je '60.

CEREBELLUM—TUMORS

Irger, I.M. [Clinical treatment and surgery in cerebellar tumors] Klinika i khirurgicheskoe lechenie opukholei mozzhechka. Moskva, Medgiz, 1959. 306 p.
(DNLM)

CEREBRAL CORTEX

Biopotentials of the rabbit's cerebral cortex recorded by means of a direct current amplifier. T.B.Shvets. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:101-114 '60.

Disturbance and restoration of higher nervous activity in the presence of a focus of mechanical influence in the cerebral cortex. M.A.Riabinina. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:85-93 '60.

Effect of a modified functional state of the cerebral cortex on some aspects of carbohydrate metabolism. V.A.Kukushkina. Trudy Inst.fiziol.AN BSSR 3:162-168 '60

CEREBRAL CORTEX (Continued)

Representation of the internal organs in the cerebral cortex and cerebellum of cats and dogs. Report no. 3. Representation of the [illegible] pudendi in the cerebral cortex of cats [with summary in English] K. M. Kullanda. Biul. eksp. biol. i med. 49 no. 1:8-13 Ja '60.

Slow changes in the potentials of the cerebral cortex of a rabbit under the influence of [illegible] on the cortical end of the motor analyzer. [illegible] Trudy Inst. [illegible] 5:115-[illegible] '60.

Variation of the alpha rhythm and reactivity of the cortical cortex during prolonged static efforts [with summary in English] V. V. [illegible] Fiziol. zhur. [illegible] Ap '60.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBRAL PALSIED CHILDREN

Eidinova, M. B., and E. N. Pravdina-Vinarskaia. [Cerebral palsy in children and ways of overcoming it] Detskie tserebral'nye paralichi i puti ikh preodoleniia. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 214 p. (DNLM)

CEREBROSPINAL FLUID

Dynamics of the cerebrospinal fluid in children with tuberculous meningitis treated with streptomycin. [illegible] '59.

Significance of paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the cerebrospinal fluid and blood serum in the diagnosis of tumorous and chronic inflammatory diseases of the nervous system. A. [illegible] Makarov. Trudy LIETIN 2:[illegible] '59.

[illegible]

CERIUM - ISOTOPES

[illegible]

[illegible]

CERIUM COMPOUNDS

[illegible]

[illegible]

CERIUM OXALATES

[illegible]

CERIUM [illegible]

[illegible]

CERVANTES SAAVEDRA, MIGUEL DE, 1547-1616 - BIBLIOGRAPHY see Bibliography - Cervantes Saavedra, Miguel de, 1547-1616

CESIUM - ISOTOPES

[illegible]

[illegible]

CESIUM CHLORIDE

[illegible]

[illegible]

CESIUM SALTS

Preparation of spectrally pure salts of cesium and rubidium. I. I. Angelov and others. Trudy IREA no. 21:40-46 '59.

CESTODA

(see also subdivision under: Amur River, Kazakhstan, Yakutia)

[illegible]

[illegible]

CEYLON - ELECTIONS

Defeat of reaction in Ceylon. D. Vol'skii. Nov. vrem. 18 no. 31:[illegible] '60.

CHAGAS' DISEASE see Trypanosomiasis

CHAIKOVSKII, PETR IL'ICH, 1840-1893

Dombaev, G. Z. [P. I. Chaikovskii and world culture] P. I. Chaikovskii i mirovaia kul'tura. [Moskva, Sovetskii kompozitor, 1958] 87 p. (NNC)

[illegible]

[illegible]

CHAIRS

[illegible]

CHALCOPYRITE

(see also subdivision under Kara-Mazar Mountains)

[illegible]

CHALK see subdivision under Belgorod Province

CHAMBER MUSIC see subdivision under Moscow

CHANGE OF LIFE IN MEN see Climacteric

CHANGE OF LIFE IN WOMEN see Climacteric

CHAPLIN, CHARLES, 1889-

[illegible]

CHARKASAR REGION - GRANITE

[illegible]

CHARSHANGA DISTRICT - LIZARDS

[illegible]

CHARYSH VALLEY - CAVES

[illegible]

CHARYSH VALLEY - STONE AGE

[illegible]

CHATKAL RANGE - GEOLOGY, STRATIGRAPHIC

[illegible]

CHATKAL RANGE - MARMOTS

[illegible]

CHATKAL RANGE - ROCKS, IGNEOUS

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CHEBOTAREVA, ALEKSANDRA IVANOVNA

[illegible]

CHEBYSHEV POLYNOMIALS

[illegible]

[illegible]

CHECHEN-INGUSH A.S.S.R. - COLLECTIVE FARMS

[illegible]

CHECHEN-INGUSH A.S.S.R. - IRRIGATION

[illegible]

CHECHEN-INGUSH A.S.S.R. - PENSIONS

[illegible] of the Ministry of Social [illegible] Groznyi, Chechen-Ingush. knizh. izd-vo, [illegible]

CHECHEN-INGUSH A.S.S.R. - PETROLEUM INDUSTRY

[illegible]

CHECHEN-INGUSH A.S.S.R. - PUBLIC PROSECUTORS

[illegible] historical sketch. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CHEMICAL APPARATUS

Accelerated method for rinsing chemical vessels. V.A. Andreeva. Lab.delo 6 no.3:50 My-Je '60.

Instrument with a rotating disc electrode [with summary in English]. M.P.Beliauchikov, IU.V.Pleskov, V.G. Pominov. Zhur.fiz.khim. 34 no.7:1640-1642 Jl '60.

Manufacture of glass apparatus. P.G.Udyma. Khim. mash. no.4:15-16 Jl-Ag '60.

Methods of feeding reagents into a low pressure gas stream [with summary in English]. A.M.Chaikin, A.E.Shilov. Zhur.fiz.khim. 34 no.5:1140-1141 My '60.

CHEMICAL APPARATUS—WELDING see subdivision under Ural Mountain region

CHEMICAL BONDS

Chemical bond in the molecules of trivalent metal acetylacetonates. I.A.Shugam, L.M.Shkol'nikova. Dokl.AN SSSR 133 no.2:386-387 Jl '60.

Investigation of the nature of chemical double bonds. D.N.Shigorin and others. Dokl.AN SSSR 133 no.1:178-181 Jl '60.

Investigation of the stability of C-O bonds by means of isotope exchange. V.G.Vasil'ev, L.N.Kharlamova. Dokl.AN SSSR 133 no.1:152-154 Jl '60.

Use of tritium in the determination of the relative rate constants of the cleavage of organic hydrogen. Reactivity of carbon-hydrogen bonds of n-heptane [with summary in English]. V.L.Antonovskii, I.V.Berezin. Zhur.fiz.khim. 34 no.6:1286-1291 Je '60.

CHEMICAL BONDS—SPECTRA

Vibration frequencies of Si-H and Si-D bonds, and electronegativity of alkyl groups. V.A.Ponomarenko, IU.P.Egorov. Izv.AN SSSR.Otd.khim.nauk no.6: 1133-1135 Je '60.

CHEMICAL ELEMENTS

Rare and trace elements in tourmalines [with summary in English, pp. 312-313]. M.M.Slivko. Probl.geokhim. no.1:261-271 '59.

What is the origin of elements? Tekh.mol. 28 no.5:5-7 '60.

CHEMICAL ENGINEERING

Harnessed time. D.Zykov. IUn.tekh. 4 no.5:12-16 My '60.

"Masters of the atoms" by A.Butanov. Reviewed by F.Bondar'. IUn.tekh. 4 no.5:36 My '60.

Quality control of some processes in the chemical industries. V.V.Aronovich and others. Avtom.i telem. 21 no.6:831-833 Je '60.

HEMICAL ENGINEERING—CONGRESSES

Conference on the modernization of equipment and intensification of technological processes. A.IA. Kreinberg. Khim.prom. 2:187 Mr '60.

HEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES
(see also subdivision under Penza, Sverdlovsk)

Cold casting of fittings and chemical equipment from graphite plastics. P.P.Neugodov. Khim.mash. no.4: 30-31 Jl-Ag '60.

Determination of dynamic characteristics and criteria of instability and controllability of chemical engineering apparatus [with summary in English]. B.N.Devlatov. Avtom.i telem. 21 no.6:770-780 Je '60.

Experience in constructing equipment from chemically resistant polymer materials. IU.V.Derashkevich. Khim.mash. no.4:34-40 Jl-Ag '60.

For economy of metals in the manufacture of chemical machinery. Khim.mash. no.4:1-3 Jl-Ag '60.

mproving the operation of chemicals pumps. IU.A.Kirillov. Energetik 8 no.6:17-19 Je '60.

nvestigation of new types of plastics. I.A.Rikman, A.N. Petrova. Khim.mash. no.4:28-30 Jl-Ag '60.

Kantorovich, Z.B. [Principles for the calculation of chemical machines and apparatus] Osnovy rascheta khimicheskikh mashin i apparatov. Izd.3., snov' perer.i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 742 p.

Manufacture of chemical equipment from titanium. G.I. Shvarts, A.N.Chistiakova, L.S.Makarova. Khim. mash. no.4:8-10 Jl-Ag '60.

Titanium and its alloys as structural materials. I.IA. Klinov, V.V.Andreeva. Khim.mash. no.4:5-8 Jl-Ag '60.

Use of clad steels in chemical machinery manufacture. I.A.Podgaevskii. Khim.mash. no.4:43-44 Jl-Ag '60.

EMICAL ENGINEERING LABORATORIES see subdivision under Chelyabinsk

EMICAL EQUILIBRIUM

onikberg, M.G. [Chemical equilibrium and rates of reactions of high pressures] Khimicheskoe ravnovesie i skorost' reaktsii pri vysokikh davleniiakh. Izd.2., perer.i dop. Moskva, Izd-vo Akad.nauk SSSR, 1960. 271 p.

hermodynamics of chemical equilibria in monotypical reactions. V.A.Kireev. Zhur.fiz.khim. 34 no.5: 945-950 My '60.

CHEMICAL INDUSTRIES
(see also subdivision under Aktyubinsk; Kazakhstan, Kurgan, Moscow Province, Uzbekistan)

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Sibirskoe otdelenie. [Chemical industry] Khimicheskaia promyshlennost'. Moskva, 1960. 202 p. (Razvitie proizvoditel'nykh sil Vostochnoi Sibiri)

Immediate objective of the workers in the chemical industry and science in fulfilling the decisions of the December Plenum of the Central Committee of the CPSU. V.M.Bushuev. Khim.prom. no.1:1-8 Ja-F '60.

Levitan, L.B. [Planning the production at the enterprises of chemical industries] Planirovanie proizvodstva na predpriiatiiakh khimicheskoi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1960. 331 p.

Mendeleevskii s"ezd, 8th, Moscow, 1959. [Section of the economy, planning, and organization of chemical industries] Sektsiia ekonomiki, planirovaniia i organizatsii khimicheskikh proizvodstv. Moskva, Izd-vo Akad. nauk SSSR, 1959. 60 p. (Referaty dokladov i soobshchenii, no.15)

Sarmilo, G.V., D.M.Kirzhner, and M.A.Moskovskii. [Chemical industry and mining] Khimicheskaia i gornaia promyshlennost'. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 70 p.

Uses of powerful sources of radiation in industry. G.I. Grafov, V.I.Spitsyn. [illegible] '60.

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS
(see also subdivision under Zavolzhsk)

Vocation. I.Gotoperov. Okhr.truda i sots.strakh. 3 no.3:10-11 Mr '60.

CHEMICAL PLANTS

Architecture of chemical plants. A.Kuvshev. Arkhit. SSSR no.7:53-54 '60.

CHEMICAL PLANTS—EQUIPMENT AND SUPPLIES

Constructing open-type units for chemical plants. M.N. Kurochkin. Prom.stroi. 38 no.7:60-62 '60.

CHEMICAL REACTION, RATE OF

Gonikberg, M.G. [Chemical equilibrium and rates of reactions of high pressures] Khimicheskoe ravnovesie i skorost' reaktsii pri vysokikh davleniiakh. Izd.2., perer.i dop. Moskva, Izd-vo Akad.nauk SSSR, 1960. 271 p.

Instrument for graphical differentiation with the aid of a circle for speeding up the processing of kinetic curves [with summary in English]. M.S.Sviblin. Zhur.fiz. khim. 34 no.6:1377-1379 Je '60.

Kinetic equations for the alkylation of benzene and its homologs by means of olefins and alcohols [with summary in English]. IU.I.Kozlov. Zhur.fiz.khim. 34 no.6: 1176-1180 Je '60.

Method of determining ratios of rate constants in kinetic studies of irreversible consecutive reactions [with summary in English]. I.M.Rodionov. Zhur.fiz.khim. 34 no.5:1069-1071 My '60.

Relation between the thermodynamic stability of reactants and the kinetics of the processes taking place with them. V.L.Semenchenko. Zhur.fiz.khim. 34 no.6: 1094-1100 Je '60.

CHEMICAL REDUCTION see Reduction, Chemical

CHEMICAL RESEARCH

A discovery which saves millions. E.Batovskaia. Smena 37 no.13:3-4 Jl '60.

In the All-Union Mendeleev Chemical Society. [illegible] 17 no.7:47-48 Jl '60.

CHEMICAL TESTS AND REAGENTS
(see also subdivision under Czechoslovakia)

Use of dioxymaleic acid in chemical analysis. Z.N. Sadzhaia, V.P.Gogoridze. Soob.AN Gruz.SSR 24 no.3:289-290 Mr '60.

Work of the Institute of Chemical Reagents in the last 10 years. V.G.Brudz'. Trudy IREA no.23:169-186 '59.

CHEMICALS—PHYSIOLOGICAL EFFECT

Chemical weapon. L.I.Tarlovskii. Znan.sila 35 no.5: 18-19 My '60.

CHEMISTRY
(see also subdivision under Leningrad)

"Chemical publications; their nature and use" [in English] by M.G.Mellon. Reviewed by I.IA.Postovskii. Zhur.prikl.khim. 33 no.4:[illegible] '60.

Work of the chemical history section at the Eighth Mendeleev Congress. IU.I.Solov'ev. Vop.ist.est.i tekh. no.9:186 '60.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Seventeenth International Congress on Pure and Applied Chemistry. Zhur.neorg.khim. 5 no.5:1148-1151 My '60.

CHEMISTRY—STUDY AND TEACHING

The May Plenum of the Central Committee of the CPSU and the teaching of chemistry in schools. S.I.Stepashkin. Obshcheobr.shkola vzrosl. no.1:27-29 Ja-F '60.

CHEMISTRY, ANALYTICAL

Brief reports. Zav.lab. 26 no.6:719 '60.

Classification of separation processes [with summary in English]. L.A.Nisel'son. Zhur.fiz.khim. 34 no.7: 1460-1469 Jl '60.

Conference on analytical chemistry at the D.I.Mendeleev All-Union Chemical Society. I.A.[illegible]. Khim. volok. no.3:75-76 '60.

Conference on organic analysis. Zav.lab. 26 no.6:780 '60.

Development of analytical chemistry in 1959. A.K.Babko. Zav.lab. 26 no.6:679-703 '60.

Instruments and reagents for luminescence analysis. E.A.Bozhevol'nov. Trudy IREA no.23:121-137 '59.

N.S.Poluektov's "Flame photometry methods of analysis." Reviewed by Sh.G.Melamed. Zav.lab. 26 no.5:650 '60.

Nadeinskii, B.P. [Theoretical principles and calculations of analytical chemistry] Teoreticheskie obosnovaniia i raschety v analiticheskoi khimii. Izd.3., perer. Moskva, Gos.izd-vo "Vysshaia shkola," 1959. 113 p.

Work of the Institute of Chemical Reagents in the last 10 years. V.G.Brudz'. Trudy IREA no.23:169-186 '59.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—CONGRESSES

Conference on the Analysis of Rare and Semiconducting Elements. Z.I.Podgul'skaia. Zhur.anal.khim. 15 no.3:381-384 My-Je '60.

Problems of analytical chemistry at the 17th International Congress on Pure and Applied Chemistry. I.S.[illegible]. Zhur.anal.khim. 15 no.3:382 My-Je '60.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

"Laboratory manual of quantitative analysis" by N.I. Taranovich. Reviewed by P.Vol'f. Zhur. anal.khim. 15 no.3:378-380 My-Je '60.

CHEMISTRY, ANALYTICAL—STUDY AND TEACHING

Experience in organizing an optional course on chemical analysis. T.M.Drizovskaia. Dokl.APN no.4:5-8 '59.

CHEMISTRY, ORGANIC—SYNTHESIS

Work of the Institute of Chemical Reagents in the last 10 years. V.G.Brudz'. Trudy IREA no.23:169-186 '59.

CHEMISTRY, PHYSICAL AND THEORETICAL

Kretovich, V.L., and A.G.Pasynskii. [Physical and colloid chemistry] Fizicheskaia i kolloidnaia khimiia. Moskva, Gos.izd-vo med.lit-ry, 1960. 290 p.

Leningrad. Universitet. [Some aspects of the theory of the structure of organic compounds] Voprosy teorii stroeniia organicheskikh soedinenii. [Leningrad] Izd-vo Leningr.univ., 1960. 240 p.

CHEMISTRY, PHYSICAL AND THEORETICAL—BIBLIOGRAPHY see Bibliography—Chemistry, Physical and theoretical

CHEMISTRY, PHYSICAL AND THEORETICAL—PROBLEMS, EXERCISES, ETC.

Kiseleva, E.V., G.S.Karetnikov, and I.V.Kudriashov. [Collection of illustrated physical chemistry problems and exercises] Sbornik primerov i zadach po fizicheskoi khimii. Moskva, Gos.nauchno-tekhn.izd-vo khim.lit-ry 1960. 261 p.

CHEMISTRY, TECHNICAL

Interpreters of chemistry lectures. N.V.[illegible]. [illegible] no.5:[illegible] '60.

CHEREDNIKOVA, OL'GA DMITRIEVNA

Ol'ga Dmitrievna Cherednikova. D.A.Mikaelian. Med. sestra 19 no.8:43 Ag '60.

CHEREMIS LANGUAGE—GRAMMAR

Vasil'ev, V.M. [Materials on the grammar of the Mari language] Materialy po grammatike mariiskogo iazyka. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1958. 67 p.

CHEREMSHYNA, MARKO, pseud. see Semaniuk, Ivan IUriiovych, 1874-1927

CHERENKOV RADIATION

Cherenkov radiation from a particle possessing a charge and an intrinsic magnetic moment [with summary in English]. I.I.[illegible]. Zhur.eksp.i teor.fiz. 38 no.3:[illegible] Mr '60.

Cherenkov radiation of dipole moments in a medium with spatial dispersion [with summary in English]. G.A. Begiashvili, E.V.Gedalin. Zhur.eksp.i teor.fiz. 38 no.6:1738-1739 Je '60.

CHEREPET'—ELECTRIC POWER PLANTS

Testing and using heat-resistant materials at the Cherepet' state named Regional Electric Power Plant. I.P. Ivanov. [Trudy] TSNIITMASH 100:[illegible] '59.

CHEREPOVETS—ELECTRIC POWER DISTRIBUTION

We are improving the electric power system of Cherepovets. M.Al'tshul'. Zhil.-kom.khoz. 10 no.6:23-24 '60.

CHEREPOVETS—PENSIONERS—SOCIETIES, ETC.

Experience gathered in Cherepovets. I.Gudkov, G.Krupenikov. Sots.obesp. [illegible] no.5:40-41 My '60.

CHERKASSY PROVINCE—BANKS AND BANKING—ACCOUNTING
Simplify the issuing of credit and the accounting for loans for private housing construction. P. Sibirtsev. Fin SSSR 21 no.7:70-74 Jl '60.

CHERKASSY PROVINCE—BRICK INDUSTRY
Ready for the building season. H. Postryhon'. Sil. bud. 10 no.4:18-19 Ap '60.

CHERKASSY PROVINCE—CULTURE
Three-year plan in operation. L. Hutikov. Kommun. zhizn' no.11:9-10 Je '60.

CHERKASSY PROVINCE—HOUSING—FINANCE
Simplify the issuing of credit and the accounting for loans for private housing construction. P. Sibirtsev. Fin SSSR 21 no.7:70-74 Jl '60.

CHERKASSY PROVINCE—SUGAR INDUSTRY
Sugar industry of the Cherkassy Province in the second year of the seven-year plan. A.P. Parkhomenko, H.G. Mil'man. Sakh. prom. 34 no.7:8-10 Jl '60.

CHERKESSK—DISABILITY EVALUATION
Quality of work of the Disability Evaluation Commission. A. Alekseev. Sots. obesp. 21 no.5:29-32 My '60.

CHERNIGOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Collected articles on our experience in political propaganda ("Our party speaks to the masses." Book review). Blok. agit. [Ukr.] no.15:64 Jl '60.

CHERNIGOV PROVINCE—COMMUNITY CENTERS
Evening gatherings on timely subjects. Z. [illegible]. Sots. kul't. 11 no.6:5-7 Je '60.

CHERNIGOV PROVINCE—GAS, NATURAL—GEOLOGY
Chernigov key well. V. A. Vitenko. Trudy VNIGNI no.24:3-52 '60.

CHERNIGOV PROVINCE—PETROLEUM GEOLOGY
Chernigov key well. V. A. Vitenko. Trudy VNIGNI no.24:3-52 '60.

CHERNIGOV PROVINCE—RAILROAD BRIDGES—MAINTENANCE AND REPAIR
Excellent bridge maintenance. A. D. Zalenskii. Put' i put. khoz. 4 no.8:35 Ag '60.

CHERNIGOVKA DISTRICT—LIBRARIES
They show no concern for their libraries. [illegible] Sots. kul't. no.6:40-41 Je '60.

CHERNOMORSKIY (KRASNODAR TERRITORY)—TECHNICAL EDUCATION
Oil field workers are studying. [illegible] 5 no.7:38 Jl '60.

CHERNOVTSY—ARBORETUMS
Trees and shrubs of the Chernovtsy Botanical Garden. A. K. Kostetskii. Biul. Glav. bot. sada no.36:[illegible] '60.

CHERNOVTSY—ATHEISM
The club for atheists in Chernovtsy. M. Kopytov. Nauka i zhizn' 10 no.6:55 Je '60.

CHERNOVTSY—MOLASSES
Use of recording instruments for the quantity control of molasses. V. I. Aizenshtein. Sakh. prom. 34 no.6:54-57 Je '60.

CHERNOVTSY—WORKINGMEN'S CLUBS
Why they don't come to this palace of culture. [illegible] Sots. kul't. 11 no.6:21 Je '60.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS
Formation of the mycorrhiza of larch in chernozem soils of the trans-Volga regions and methods for stimulating it [with summary in English]. [illegible] Mikrobiologiia 29 no.3:401-407 My-Je '60.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889
N. G. Chernyshevskii as a personality and as an individual. B. Rurikov. Novyi mir 36 no.6:252-264 Je '60.
Problems of foreign literature in "Essays on the Gogol' period of Russian literature" by N. G. Chernyshevskii. M. E. Elizarova. Uch. zap. kaf. zarub. lit. MGPI no.4:37-50 '59.

CHERNYYE ZEMLI—SUSLIKS
Effect of the snow cover and low temperature on the activity of the lesser suslik (Citellus pygmaeus Pallas) [with summary in English]. G. V. Bunakov. Zool. zhur. 39 no.7:1103-1110 Jl '60.

CHERRY see subdivision under Kuybyshev Province

CHERSONESE (CITY)—IRON
Slate iron from Chersonese. G. D. Belov. Sov. arkheol. 4 no.2:257-263 '60.

CHERTOUSOV, MIKHAIL DMITRIEVICH, 1892-1960
Mikhail Dmitrievich Chertousov; obituary. [illegible] 30 no.7:64 Jl '60.

CHERVONOGRAD—LIBRARIES, WORKINGMEN'S
Evening gatherings in a library. H. Prystupenko. Sots. kul't. 11 no.7:41-42 Jl '60.

CHESS
(see also subdivision under Mongolia)
Chess. A. Lilienthal. Mast. ugl. 9 no.6:31 '60.
Chess. [illegible] 4 no.5:70-70 My '60.
Chess. [illegible] no.6:[illegible] Je '60.
Chess. Smena 37 no.8:30 Ap '60.
Chess. Uzbekiston 10 no.6:30 Je '60.
Chess. Znan. sila 35 no.7:56 Jl '60.
Mikhail Tal', world champion. G. Levenfish. Sov. voin 42 no.10:33 My '60.
Twenty interviews with the world champion Mikhail Tal'. Smena 37 no.11:10-11 Je '60.

CHESS—TOURNAMENTS
The logic of struggle. [illegible] 10 Je '60.

CHESS PROBLEMS
Contest for the cup of "Sotsialistychna kul'tura." Sots. kul't. 11 no.6:38 Je '60.

CHEST—BLOOD SUPPLY
Age peculiarities of the projections of the main cardiac vessels upon the anterior wall of the thorax. A. [illegible] Obysov. Dokl. APN [illegible] '60.

CHEST—DISEASES
New diagnosis of intrathoracic [illegible]. Med. zhur. [illegible]

CHEST—SURGERY
Electrocardiographic changes in intrathoracic operations on the esophagus and lungs. [illegible] Kaz. med. zhur. 41 no.[illegible]
Long-term results [illegible]

CHEST—TUMORS
Baranova, A. G. [Diagnosis of intrathoracic tumors] Diagnostika intratorakal'nykh opukholei. [illegible] Medgiz, 1959. 201 p.
(DNLM)

CHEST—WOUNDS AND INJURIES
Diagnosis of hemorrhage into the pericardium in closed injury of the thorax. [illegible] Voen.-med. zhur. no.[illegible]
Treatment of penetrating wounds of the thorax [illegible]

CHESTNUT—DISEASES AND PESTS
Changes in the degree of [illegible]
the fungus Endothia parasitica [illegible]

CHICKEN MITE see [illegible]

CHIGIRIN DISTRICT—BRONZE AGE
Monuments of the [illegible] AN URSR [illegible]

CHIGIRIN DISTRICT—MOUNDS
[illegible] AN URSR [illegible]

CHILD STUDY
Developing [illegible]
L.M. [illegible]
Method of [illegible] N. M. Aksarina. Dokl. APN [illegible]
Observations of the development of [illegible] activity in early childhood. Report No.2: [illegible] relation of afferent systems at consecutive stages in the formation of voluntary activity. A.N. [illegible], A.G. Polyakova. Dokl. APN no.4:57-62 '59.
Psychological prerequisites for the efficacy of educational influences. Report No.1. M.N. [illegible] Dokl. APN no.4:49-52 '59.
Study of differences [illegible] attitudes [illegible] 24 no.5:55-63 My '60.
Study of the peculiarities of the [illegible] system by means of [illegible] inhibitory stimuli [illegible] Dokl. APN [illegible]
Zaporozhets, A.V. [Psychology [illegible] pedagogical [illegible]] [illegible] 223 p.

CHILDBIRTH—PSYCHOLOGY
[illegible], N. IA. [Psychological preparation for childbirth [illegible]] [illegible]
(DNLM)

CHILDREN
(see also subdivision under [illegible], Kamensk-Ural'skiy, [illegible])
[illegible]
[illegible] International Day [illegible]

CHILDREN—CARE AND HYGIENE
(see also subdivision under [illegible])
[illegible]

ILDREN—NUTRITION

"Children's food" store I. Karpushin Sov torg 33 no. 7:14-17 Jl '60

hildren's nutrition. Sem'ia i shkola 15 no. 6:43 Je '60.

he regimen of nutrition V F. Vladrashka Rab i sial 36 no. 6:23 Je '60

hat diet does a child need. O. Kitaigorodskaia Sem'ia i shkola 15 no 5 42-43 My '60

ILDREN—RECREATION

ogdanova, O. S. [Leisure of primary school students] Dosug mladshego shkol'nika. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 47 p. (Roditeliam o vospitanii)

or the health and happiness of children! T. Veselovskaia and others. Za bezop. dvizh no. 6:8-10 Je '60.

LDREN, ABNORMAL AND BACKWARD

torala nauchnaia sessiia po defektologii. Moscow, 1958. [Transactions of the Second Session on Defectology. Moscow, 1958] Trudy. Pod red. A. I. D'iachkova i V. I. Lebovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 211 p.

LDREN, BLIND

velopment of tactile perception of relief forms by lind children IU A. Kulagin. Dokl APN no 1.123-127 '60.

LDREN'S CLOTHING

or our children. T. Rovna. Ukraina no. 11:31 Jl '60.

LDREN'S CLUBS see subdivision under Kiev

LDREN'S ENCYCLOPEDIAS AND DICTIONARIES

ademiia pedagogicheskikh nauk RSFSR, Moscow. Children's encyclopedia; for the middle and senior age roups] Detskaia entsiklopediia, dlia srednego i starhego vozrasta. Moskva,

Vol. 5. [Technology] Tekhnika. 1960. 597 p.

e planet on which we live. P. Gela. Sem'ia i shkola 15).6:23-24 Je '60.

.DREN'S LIBRARIES see Libraries, Children's

.DREN'S LITERATURE

ildren's literature in the U. S. S. R. Sergei Mikhalkov. ul't. i zhizn' 4 no 7:33-37 '60

nference on children's literature Giuseppe Gaddi ul't. i zhizn' 4 no. 7 38 '60

DREN'S LITERATURE—BIBLIOGRAPHY see

bliography—Children's literature

DREN'S LITERATURE—HISTORY AND CRITICISM

ch, Aleksandr. [Education of a generation; Soviet terature for children] Vospitanie pokolenii, o ovetskoi literature dlia detei. Moskva, Sovetskii satel', 1960. 390 p.

E—DESCRIPTION AND TRAVEL

olcanic continent. Arthur Lundkvist. Vokrug sveta). 6:54-59 Je '60.

E—EARTHQUAKES

thquake in Chile Ogonek 38 no 23.31 Je '60.

KENT—CONSTRUCTION INDUSTRY—ACCOUNTING

y the organization of business accounting brigades is owed down. I. Singur. Nar. khoz. Kazakh. 18 no. 5: My '60.

KENT—RESEARCH, INDUSTRIAL

rease aid to enterprises manufacturing building aterials. S. Suleimenov. Nar. khoz. Kazakh. 18 . 5:66-67 My '60.

NEYS

embling chimneys made of large annular blocks. I. Tolkachev, M. M. Lotnsh. Mont. i spets. rab. v roi. 22 no. 7:7-8 Jl '60.

nmon flue systems for gas installations in houses. P. Sosnin. Gaz. prom. 5 no. 7:31-40 '60.

erimental investigations of the performance of heatsistant reinforced concrete chimney shafts. V. S. rianov. Prom. stroi. 38 no. 7:45-50 '60.

chnical specifications for conducting and inspecting building and assembling of industrial furnaces and imneys." Biul. stroi. tekh. 17 no. 7:18-19 Jl '60.

A—AGRICULTURE

iculture in ancient China [with summary in English]. S. Vasil'ev. Vest. ist. mir. kul't. no. 2:79-92 Mr-Ap 0.

mia, V. A., and others. [Problems in the development of agricultural science in the Chinese People's public] Nekotorye voprosy razvitiia sel'skokhoziaistvennoi nauki v KNR. Moskva, Gos. izd-vo "Vysaia shkola," 1959. 293 p.

A—AIRPLANES—MODELS

plane model builders of China. Huang Yung-liang. yl. rod. 11 no. 6:31 Je '60.

A—BOTANICAL GARDENS

nical gardens of China. Yü Te-chün. Biul. Glav. . sada no. 36:10-18 '60.

CHINA—CHILDREN

[The children of China] Deti Kitaia. [n. p. Izd-vo lit-ry na inostrannykh iazykakh] 1956. 40 p.

CHINA—COAL MINES AND MINING

Great progress. I. Aleksandrov. Mast. ugl 9 no. 5:25 My '60

CHINA—COMMERCE

Wu Chiang. [Problems of transforming capitalist industry and commerce in the Chinese People's Republic. Translated from the Chinese] Voprosy preobrazovaniia kapitalisticheskoi promyshlennosti i torgovli v KNR. Obshchai red. i predisl. V. A. Zhamina. Moskva, Izd-vo inostr. lit-ry, 1960. 574 p.

CHINA—CULTURE

Cultural development of People's China. K Morozov. Otv na vop trud. no. 116 28-33 '60

CHINA—DESCRIPTION AND TRAVEL

Arsent'ev, A. I. [Stars over China] Zvezdy nad Kitaem. Simferopol', Krymizdat, 1959. 117 p.

CHINA—ECONOMIC CONDITIONS

Teng Siao-p'ing. [Great unity of the Chinese people and great unity of the peoples of the entire world; an article written for the Soviet newspaper "Pravda" devoted to the tenth anniversary of the Chinese People's Republic] Velikoe splochenie kitaiskogo naroda i velikoe splochenie narodov mira; stat'ia napisana dlia sovetskoi gazety "Pravda" v sviazi s desiatoi godovshchinoi obrazovaniia Kitaiskoi Narodnoi Respubliki. Pekin, Izd-vo lit-ry na inostr. iazykakh. 1959. 18 p.

Wang, Ya-nan. [Studies in the economic forms of semifeudal and semicolonial China. Translated from the Chinese] Issledovanie ekonomicheskikh form polufeodal'nogo, polukolonial'nogo Kitaia. Moskva, Sotsekgiz, 1959. 394 p.

(MH)

CHINA—EDUCATION

Cultural development of People's China. K. Morozov Otv na vop. trud no. 116·28-33 '60

Education for millions. Hsing-ming. Vsem. stud. nov. 14 no. 3/4:25-27 Mr-Ap '60.

CHINA—FOREIGN RELATIONS—RUSSIA

Shchebon'kov, V. G. [Russo-Chinese relations during the 17th century] Russko-kitaiskie otnosheniia v XVII v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 237 p.

CHINA—FOREST PROTECTION

Protection of nature in China (according to personal impressions). M. A. Glazovskaia. Vop. geog. no 48· 275-281 '60.

CHINA—FURALDEHYDE

People's China is developing the production of hydrolytic furfurole. D. V. Zheltukhin. Gidroliz. i lesokhim. prom. 13 no. 3:30 '60.

CHINA—GEOLOGY

Radkevich, E. A. [Through China with geologists] S geologami po Kitaiu. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 110 p.

CHINA—HEALTH EDUCATION

Mass movement for health education in China and some notes on the organization of this work in White Russia. A. M. Rusakovich Zdrav Belor 4 no 3.65-68 Mr '58.

CHINA—HISTORY

Archive documents as a historical source of the Great Peasant War in China during the years 1627-1646 [with summary in English]. B. G. Doronin. Vest. LGU 15 no. 14:38-50 '60.

CHINA—HYDRAULIC ENGINEERING

Hydraulic engineering in the Chinese People's Republic. Chang Han-ying Nauka i zhizn' 27 no 5 54-57 My '60.

CHINA—HYDROELECTRIC POWER

Ivanov, V. D., and E. P. Kazevich. [Hydroelectric power resources of the Chinese People's Republic and their use] Gidroenergeticheskie resursy Kitaiskoi Narodnoi Respubliki i ikh ispol'zovanie. Moskva, Gos. energ. izd-vo, 1960. 47 p.

CHINA—INDUSTRIES

Wu Chiang. [Problems of transforming capitalist industry and commerce in the Chinese People's Republic. Translated from the Chinese] Voprosy preobrazovaniia kapitalisticheskoi promyshlennosti i torgovli v KNR. Obshchai red. i predisl. V. A. Zhamina. Moskva, Izd-vo inostr. lit-ry, 1960. 574 p.

CHINA—LIBRARY CONFERENCES

Second Conference of the Libraries of the Academy of Sciences of China. B. G. Doronin. Sov. bibl. no. 3:163-165 '60.

CHINA—MACHINERY INDUSTRY

Machinery industry in China in 1959. IU. M. Avsenev. Biul. tekh.-ekon. inform. no. 7:73-75 '60.

CHINA—MINE FILLING

Wood gaskets. V. Dobrovol'skii. Mast. ugl. 9 no. 7:14 Jl '60.

CHINA—POLITICS AND GOVERNMENT

Perevertailo, A. S. [Governmental system of China; verbatim report of a public lecture delivered at the Lecture Hall in Moscow on May 22, 1946] Gosudarstvennyi stroi Kitaia, stenogramma publichnoi lektsii, prochitannoi 22 maia 1946 goda v Lektsionnom zale v Moskve. Moskva, Vses. lektsionne biuro pri M-ve vysshego obrazovaniia SSSR, 1946. 23 p.

Some problems of historical materialism in the light of the experience of the present-day democratic revolution in China A. I. IArtsev Uch. zap Ped. inst. Gerts. 162 pt. 2·3-28 '59.

Teng Siao-p'ing. [Great unity of the Chinese people and great unity of the peoples of the entire world; an article written for the Soviet newspaper "Pravda" devoted to the tenth anniversary of the Chinese People's Republic] Velikoe splochenie kitaiskogo naroda i velikoe splochenie narodov mira; stat'ia napisana dlia sovetskoi gazety "Pravda" v sviazi s desiatoi godovshchinoi obrazovaniia Kitaiskoi Narodnoi Respubliki. Pekin, Izd-vo lit-ry na inostr. iazykakh, 1959. 18 p.

CHINA—POSTAGE STAMPS—CATALOGS

[Postage stamps of the Chinese People's Republic; a catalog] Pochtovye marki Kitaiskoi Narodnoi Respubliki; katalog. Moskva, M-vo kul'tury RSFSR, Glav. filatelisticheskaia kontora, 1959. 63 p.

CHINA—PUBLIC HEALTH

Remarkable achievements of the public health system of the Chinese People's Republic. Vrach. delo no. 6:659-662 Je '60.

CHINA—RAILROADS

Progress of railroad transportation in China. IU. I. Fomin. Zhel. dor. transp. 42 no. 6:81-83 Je '60.

Scientific research done by the Chinese railroads. N. V. Korolev. Vest. TSNII MPS 19 no. 4·57-58 '60.

CHINA—RAILROADS—RAILS

Cast iron rails. Znan. sila 35 no. 7:51 Jl '60.

CHINA—RELATIONS (GENERAL) WITH INDIA

Books on Indo-Chinese cultural relations ("India and China, a study of cultural relations" [in English] by K. M. Panikkar. Reviewed by L. S. Kiuzadzhian). Vest. ist. mir. kul't. no. 2:128-134 Mr-Ap '60.

CHINA—RELATIONS (GENERAL) WITH MONGOLIA

With the help of People's China. D. Bataukh. Sovr. Mong. no. 5:17-20 S-O '59.

CHINA—RELATIONS (GENERAL) WITH UKRAINE

Materials on Soviet-Chinese proletarian solidarity in 1924-1925 Submitted by IE. M. Stukanov. Ukr ist zhur 4 no. 4 96-101 Jl-Ag '60

Our relations with the Chinese People's Republic. Visnyk AN URSR no. 2:63 '60.

CHINA—RELIGIONS

Akademiia nauk SSSR. Muzei istorii religii i ateizma. [Religions in China; handbook and guidebook] Religii Kitaia; spravochnik-putevoditel'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 62 p.

CHINA—SOIL CONSERVATION

Protection of nature in China (according to personal impressions). M. A. Glazovskaia Vop. geog no 48: 275-281 '60.

CHINA—THEATER

Mei Lan-fang on the stylistics of the Chinese theater. Teatr 21 no. 6·169 Je '60.

CHINA—TIDAL POWER

Use of tidal power in the Chinese People's Republic. L. B. Bernshtein. Gidr. stroi. 30 no. 6:50-52 Je '60.

CHINA—TUBERCULOSIS—HOSPITALS AND SANATORIUMS

New features of China. IU. Kornilov. Okhr. truda i sots. strakh 3 no. 3.75-77 Mr '60

CHINA—VEGETABLE GARDENING

Kuznetsov, A. V. [Vegetable gardening in China] Ovoshchevodstvo v Kitae. Moskva, Gos. izd-vo sel'khoz. lit-ry 1959. 350 p.

(DA)

CHINA WOOD-OIL. see Tung oil

CHINESE FOLK SONGS see Folk songs, Chinese

CHINESE LANGUAGE - DICTIONARIES - -RUSSIAN
[Russian-Chinese road construction dictionary] Russko-Kitaiskii slovar' po dorozhnomu stroitel'stvu. Peking, [1959] 834 p

CHINESE LANGUAGE - GRAMMAR
Parts of speech in the ancient Chinese language [with summary in English]. S.I.IAkhontov. Vest LGU 15 no.14 111-124 '60

CHINESE LITERATURE - HISTORY AND CRITICISM
"Anthology of Chinese literature from the ancient to modern times," Vol.1. Reviewed by M.Ul'man. Inostr lit no.0:35 [illegible] Ap '60

CHINESE OPERA see Opera, Chinese

CHINESE POETRY - TRANSLATIONS INTO RUSSIAN
Gitovich, A.I. [Chinese and Korean poetry, translations] Iz kitaiskoi i koreiskoi poezii, perevody. [Moskva] Goslitizdat, 1958 538 p
(MIR)

CHINESE STUDIES (SINOLOGY)
International gathering of orientalists in Moscow [with English summary in insert]. S.L.Tikhvinskii. Sov. Vost no.7-8 [illegible] '60.

CHINESE STUDIES (SINOLOGY) - CONGRESSES
International conferences of sinologists. B.Zhuegin, [illegible] Lainger. Vest.Inst.mir kul't no.2 [illegible] Mr Ap '60.

CHIPMUNKS - PARASITES see Parasites - Chipmunks

CHIRKOV, SERGEI KUS'MICH, 1900-1959
Sergei Kuz'mich Chirkov. Zhur anal khim 15 no.[illegible] 254 Mr Ap '60

CHISTOPOL' REGION - BOEHMITE
Find of [illegible] in "biscuit" type kaolinitic clays of the Stalinogorsk horizon in the lower Carboniferous of Tatarstan. N.P.Beleiev. Dokl AN SSSR 131 no.4, 928-930 Ap '60

CHITA PROVINCE - TICKS AS CARRIERS OF DISEASE
Result of an investigation of the [illegible] ticks for [illegible] collected in Chita Province. Preliminary report. [illegible] A [illegible] Izv Irk gos nauch [illegible] [illegible] 14 [illegible] '57

CHITIN
Utilization of chitin in the manufacture of artificial fibers. Pao-Chih [illegible] Khim volok [illegible] '60

CHKALOV PROVINCE see Orenburg Province

CHLORAL
Comparative study of the effect of [illegible] and chloral hydrate on temperature [illegible] of the [illegible] gland [with summary in English]. [illegible] Farmakol i toks [illegible] Mr [illegible] '60

CHLORATES
Study of [illegible] in chlorates by means of [illegible] [with summary in English]. [illegible] '60.

CHLORIDES
Chemiluminescence in reactions of acyl chlorides with amines and ketones. R.G. [illegible] and others. Zhur fiz.khim. 34 no.7 1651 Jl '60
Coextraction of trace elements in the extraction of chlorides with ether. A.G.Karabash, [illegible], V.A.Kuznetsov. Zhur neorg.khim. [illegible] Je '60.
Corrosion of iron in fused nitrates and chlorides of metals in groups I and II of the periodic table. V.P. Kochergin and others. Zhur prikl khim 33 no.7 1580-1586 Jl '60
Effect of stimulation of gastric receptors on the absorption of chlorides from the small intestine [in Azerbaijani with summary in Russian]. A.I.Aliev. Uch zap AGU Biol ser no.3 [illegible] '59

CHLORIDES - ELECTRIC PROPERTIES
Specific conductivity of titanium trichloride - alkali metal chloride melts [with summary in English]. [illegible], B.V.[illegible] Dop.AN URSR no.6 [illegible] '60.

CHLORIDES - SPECTRA
Quantitative analysis of a mixture of monochlorides, based on their infrared absorption spectra. V.I. Koltanov, [illegible] Bardenshtein, [illegible] Zav. lab. 26 no.5 597-599 '60

CHLORIDES IN THE BODY
Influence of a technique on the amount of phosphorus and chlorides in the blood. A.IA.Kul'berg, A.B. Syrkin, D.IA.Shargorodskaia. Uch.zap.2 go MGMI 17 215-218 '58.

CHLORINATION
Chlorination of shale oils with the purpose of increasing their fungicidal toxicity. G.I.Shul'tsyko. Zhur prikl. khim 33 no.5 1120-1125 My '60.
Determining the coefficient of heat transfer in chloride residue lining. A [illegible] V.A. [illegible] [illegible] '60

CHLORINE
Amount of chlorine in the blood and urine in chronic nonspecific pneumonia; preliminary communication. [illegible] Trudy [illegible] '59
Composition of [illegible] in the production of [illegible] by the electrolysis of fused salt mixtures. [illegible] V.B.Bunin. [illegible] Zhur prikl khim 33 no.5 [illegible] '60
Determining the chlorine content of [illegible] A [illegible] '60
Kinetics of chlorine exchange [illegible] Part 1: Exchange of chlorine [illegible] [with summary in English]. [illegible] '59

CHLORINE - ANALYSIS
Argentometric determination of chlorine [illegible] IA.I.Chalkov. Zav lab 26 no.5 [illegible]
Potentiometric determination of halides in organic compounds following their mineralization [with summary in English]. V.A.Klimova, [illegible] Zhur anal khim 15 no.[illegible] '60

CHLORINE - ISOTOPES
Investigating the levels of the Cl^{35} nucleus. [illegible] Antuf'ev and others. [illegible] '60
Spectrum of [illegible] from the reaction Cl^{35} [illegible] L.V.[illegible], V.M.[illegible], V.S.[illegible] [illegible] '60

CHLORINE - SPECTRA
Optical acoustic phenomenon in the visible and infrared regions of the spectrum, and its utilization for [illegible] gas analysis. [illegible] Opt i spektr [illegible] '60

CHLORINE ORGANIC COMPOUNDS
Effect of [illegible] [illegible] '60

CHLORINE OXIDE
Integral heats of solution of perchloric anhydride [illegible] in mixtures with perchloric acid in water at 25°. [illegible] Rosolovskii, N.V.Krivtsov, A.A.Zinov'ev. Zhur neorg.khim. 5 no.4 [illegible] Ap '60
[illegible] '60

CHLORITES
[illegible]
X-ray determination of ferrous [illegible] Kotel'kov. Zap Vses miner ob-va [illegible]

CHLOROFORM
Heats of mixing dioxane with chloroform [illegible] O.B.Osipov, M.A.Panina, [illegible] khim 34 no.9 2124-2130 Jl '60

CHLOROMYCETIN
Antibiotic effect of levomycetin in [illegible] conditions [with summary in English] [illegible] Antibiotiki [illegible] '60
Peculiarities of Widal's reaction in [illegible] patients treated with synthomycin [illegible] '60

CHLOROPHYLL
Accumulation of chlorophyll a and b and changes in the size and number of chloroplasts in [illegible] leaves [illegible] lated to different light qualities. [illegible] Dokl AN SSSR [illegible] '60
Chlorophyll formation in angiosperms in the dark. [illegible] Godnev, R.M.Rotfarb. Biol, Inst Biol AN BSSR [illegible] 85-89 '59.
Criteria for the radiochemical purity of chlorophyll. A.A.Shlyk, R.M.Rotfarb, IA.P.[illegible] Biol. Inst.biol. AN BSSR no.3 115-120 '59
Discrimination of chlorophyll molecules [illegible] gration in an aging plant. A.A.Shlyk and others. Biol.Inst biol. AN BSSR no.3 [illegible] '59.
Dynamics of chlorophyll accumulation in oat leaves (Avena sativa L.) in relation to soil temperature and nitrogen nutrition. R.R.[illegible] Bot.zhur. 45 no.5 739-743 My '60.
Effect of different methods of trace element application on the size of chloroplasts and chlorophyll [illegible] in sugar beet leaves. [illegible] Vestsi AN BSSR Ser biial nav. no.2 [illegible] '60
Isolation of protochlorophyll from green leaves. [illegible] kaler, A.A.Shlyk. Vestsi AN BSSR Ser biial nav no.2 [illegible] '60
On the problem of the immediate precursor of chlorophyll. T.N.Godnev, R.K.Akulovich, [illegible] Biol Inst.biol. AN BSSR no.3 89-94 '59.

Relation of chlorophyll replacement to photosynthesis. A A Shlyk [illegible] Biol, Inst biol AN BSSR no.3 [illegible]

[illegible]

CHOLINESTERASE

Change in the quantity of acetylcholine and the activity of cholinesterase in allergic processes running concurrently. M.A. Frolova, [illegible] M.V. Dalin. Pat.fiziol.i eksp.terap. 4 no.3:72-73 My-Je '60.

Cholinesterase activity of the homogenates of rabbit brains during the application and removal of a tourniquet. G.M. Ivchenko. Uch.zap.2-go MGMI 17:177-180 '58.

Cholinesterase activity of the homogenates of rabbits' muscles during the application and removal of a tourniquet. G.M. Ivchenko. Uch.zap.2-go MGMI 17:59-63 '58.

CHON-KYZYLSU VALLEY (TERSKEY ALA-TAU)—RUNOFF

Surface runoff of rain and snow waters on the mountain slopes of the Terskey Ala-Tau. M.I. [illegible] Izv. AN SSSR Ser. geog. no.[illegible] Ag '60.

CHONG-KEMIN VALLEY—BOTANY

[illegible], Kolchu. [Vegetation of the Chongkemin Basin] Rastitel'nost' basseina reki Chon-Kemin. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959. 267 p.

CHOPIN, FRYDERYK FRANCISZEK, 1810-1849

[Fryderyk Chopin; articles and studies of Soviet musicologists] Fridrik Shopen; stat'i i issledovaniia sovetskikh muzykovedov. Moskva, Gos. muzykal'noe izd-vo, 1960. 410 p.

CHORAL SINGING see subdivision under Moscow

CHORAL SOCIETIES see subdivision under [illegible] District, Moscow

CHOREA

Some data on the use of ACTH in treating chorea minor. F.V. [illegible]. Zdrav.Kazakh. 19 no.1:53-55 '60.

CHORION—CANCER

Hydatidiform mole and chorionepithelioma. A.P. [illegible] Fel'd.i akush. 25 no.5:3-7 My '60.

CHORNY, KUZ'MA, pseud. see [illegible], Mikola Karlovich, 1900-1944

CHRISTIAN SOCIALISM see also subdivision 'Socialism, Christian' under Italy

CHRISTIANITY—ORIGIN

Robertson, Archibald. [The origins of Christianity. Translated from the English. Preface by R.I. Kovalev] Proiskhozhdenie khristianstva. Moskva, Izd-vo [illegible] lit-ry, 1959. 322 p.

CHRISTIANITY AND POLITICS see subdivision under Europe, Western

CHROMATES

[illegible] chromates and esters of chromic acid as inhibitors of atmospheric corrosion. S.A. Gintsberg, A.V. [illegible] Zhur. prikl. khim. 33 no.7:1594-1599 Jl '60.

CHROMATIUM

[illegible] of acetic and propionic acids by Chromatium [illegible] in the [illegible] [with summary in English]. V.N. [illegible] Mikrobiologiia 29 no.3:420-433 My-Je '60.

CHROMATOGRAPHIC ANALYSIS

Akademiia nauk SSSR. Otdelenie khimicheskikh nauk. [Chromatography, its theory and uses; proceedings of the All-Union Conference on Chromatography] Khromatografiia, ee teoriia i primenenie; trudy Vsesoiuznogo soveshchaniia po khromatografii. Moskva, 1960. 462 p.

Chromatographic determination of isopropylbenzene [illegible] the process of its oxidation. M.A. [illegible] R.V. [illegible] I.M. [illegible] Zav.lab. 26 no.7:816-817 '60.

[illegible] method of determining proline and oxyproline [illegible] by chromatography on starch. L.P. Alekseenko, V.N. Orekhovich. Dokl.AN SSSR 133 no.4: [illegible] Jl '60.

Quantitative determination of the amino acid composition of [illegible] by distributive chromatography on paper. [illegible] Vest.AN Kazakh.SSR 16 no.5: [illegible] My '60.

[illegible] of the results in the quantitative determination of amino acids by partition paper chromatography [with summary in English]. [illegible] Filippovich. [illegible] 15 no.3:374-375 My-Je '60.

[illegible] exchange chromatography in determining the [illegible] [with summary in English]. A.K. Babko, [illegible] '60.

CHROMATOPHORES

Accumulation of chlorophyll a and band changes in the size and number of chloroplasts in turnip leaves as related to different light qualities. I.V. Kakhnovich. Dokl.AN BSSR 4 no.6:261-264 Je '60.

The effect of possible causes of chloroplast agglutination in [illegible] leaves of plants in winter. [illegible] Bot.zhur. 45 no.6:900-902 Je '60.

Structural characteristics of chloroplasts in seed plants [with summary in English]. M.I. Savchenko. Bot.zhur. 45 no.7:951-967 Jl '60.

Structure of the pigment layer of chloroplast granules. T.N. Godnev, N.K. Akulovich. Biul. Inst. biol. AN BSSR no.3:94-98 '58.

CHROME-NICKEL STEEL—CORROSION

Effect of thermal treatment on the corrosive cracking of chromium-nickel-molybdenum steels. [illegible] Khim. mash. no.4:17-20 Jl-Ag '60.

CHROMIC ACID

Amine chromates and esters of chromic acid as inhibitors of atmospheric corrosion. S.A. Gintsberg, A.V. Shreider. Zhur. prikl. khim. 33 no.7:1594-1599 Jl '60.

Kinetics of reduction of chromic acid. A.I. [illegible], A.V. Pamfilov. Ukr.khim.zhur. 26 no.3:314-318 '60.

CHROMITE

Supply the country with more chromite ores. P. Skrypchenko. Nar.khoz.Kazakh. 10 no.5:16-17 My '60.

CHROMIUM

Determination of oxalates in the presence of chromium. V.F. Bakota. Zav.lab. 26 no.6:646-647 '60.

X-ray investigation of iron and steel surfaces following chromizing by the method of powder diffusion. N.V. [illegible], G.N. Dubinin. [illegible] met. i metalloved. 9 no.6:[illegible] Je '60.

CHROMIUM—ANALYSIS

Determination of microgram amounts of phosphorus in metallic chromium. A.A. Fedorov, F.V. [illegible] Zav.lab. 26 no.5:535-536 '60.

CHROMIUM—ISOTOPES

Angular distribution of protons in connection with inelastic scattering on isotopes of chromium and nickel. M.V. [illegible], N.N. Pucherov, V.I. [illegible] Izv.AN SSSR Ser. fiz. 24 no.7:874-876 Jl '60.

CHROMIUM—METALLURGY

Studying the reducibility of chromium ores. [illegible] Stal' 20 no.8:690 Ag '60.

CHROMIUM—PLATING

Chromium plating of linotype matrices. B.Z. [illegible] Poligr. proizv. no.5:18 My '60.

CHROMIUM-COBALT-ALUMINUM ALLOYS see Cobalt-chromium-aluminum alloys

CHROMIUM COMPOUNDS

Crystal and molecular structure of chromium acetylacetonate. L.M. Shkol'nikova, E.A. Shugam. Kristallografiia 5 no.1:32-39 Ja-F '60.

Distribution of spin density in the dibenzene chromium cation. [illegible] Opt.i spektr. 8 no.1:[illegible] Ja '60.

CHROMIUM-GERMANIUM ALLOYS—MAGNETIC PROPERTIES

Magnetic investigations of the alloys of the system [illegible] Ge. [illegible] Margolin, [illegible] Fiz. met. i metalloved. 9 no.6:[illegible] Je '60.

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-IRON-NICKEL ALLOYS see Iron-chromium-nickel alloys

CHROMIUM-MOLYBDENUM ALLOYS

New thermal diffusivity data on the chromium-molybdenum system. D.A. [illegible], O.I. [illegible] Izv. vys.ucheb.zav.; mashinostr. no.5:101-105 '60.

CHROME-MOLYBDENUM STEEL—CORROSION

Effect of thermal treatment on the corrosive cracking of chromium-nickel-molybdenum steels. [illegible] Khim.mash. no.4:17-20 Jl-Ag '60.

CHROMIUM-NICKEL-ALUMINUM ALLOYS see Nickel-chromium-aluminum alloys

CHROMIUM-NICKEL STEEL—METALLURGY

Gas content in ingots and rolled products of chromium-nickel-molybdenum steel. V.I. [illegible], K.G. [illegible] Sbor. Inst. stali no.39:21-39 '60.

CHROMIUM-NICKEL-TUNGSTEN ALLOYS see Nickel-chromium-tungsten alloys

CHROMIUM OXIDE

Effect of the surface reduction of chromium oxide on its catalytic properties [with summary in English]. A.A. Balandin, I.D. Rozhdestvenskaia. Zhur.fiz.khim. 34 no.6:1338-1344 Je '60.

CHROMIUM-PALLADIUM-COPPER ALLOYS see Palladium-copper-chromium alloys

CHROMIUM PLATING

Improving the wear resistance of chromium plating. D.S. Pitanko. Izv.vys.ucheb.zav.; mashinostr. no.6:155-159 '60.

Internal stresses in chromium platings deposited from a tetrachromate electrolyte. M.A. Shluger, A.IA. Riabol, V.A. [illegible] Zhur.prikl.khim. 33 no.5:1217-1218 My '60.

Testing ion-exchange resins for removing iron admixtures from a chromium electrolyte. N.V. [illegible] Soob. AN Gruz. SSR 24 no.3:[illegible] Mr '60.

CHROMIUM SILICIDE

Homogeneity region of chromium disilicide and its electric properties. V.P. [illegible], V.S. Kutsev, B.F. Ormont. Zhur. neorg. khim. 5 no.5:1119-1122 My '60.

CHROMIUM-SILICON ALLOYS see Silicon-chromium alloys

CHROMIUM-SILVER-PALLADIUM ALLOYS see Palladium-silver-chromium alloys

CHROMIUM STEEL

High-chromium semiferritic steels for blades and rotors of steam turbines operating at temperatures from 575° to 600°. G.P. Fedortsov-Lutikov, M.P. [illegible] [Trudy] TsNIITMASh 100:162-187 '59.

Mechanism of the effect of chromium on the formation of rimmed steel ingots. V.S. Konovalov, V.I. Lipitskii. Izv. vys. ucheb. zav.; chern. met. no.6:41-46 '60.

Silicon diffusion in chromium steel. Z.G. Ordina. Metalloved. i term. obr. met. no.6:16-17 Je '60.

CHROMIUM STEEL—METALLOGRAPHY

Isothermal transformation of undercooled austenite in chromium steel containing niobium and zirconium. L.IA. Vishniakov, L.S. Ol'khovoi. Sbor. Inst. stali no.39:125-136 '60.

Structural changes in certain modified 12 percent chromium steels. IA. [illegible] Metalloved. i term. obr. met. no.6:19-20 Je '60.

CHROMOSOMES

Experimental analysis of the primary mechanisms of the effect of radiation on cell nuclei. N.P. Dubinin, B.N. Sidorov, N.N. Sokolov. Dokl. AN SSSR 133 no.1:221-224 Jl '60.

Two types of radiation aftereffects observable in barley seeds. N.I. Shapiro, [illegible] Dokl. AN SSSR 133 no.2:463-465 Jl '60.

CHU VALLEY—FAMILY

Dzhumagulov, A. [Family and marriage among the Kirghiz of the Chu Valley] Sem'ia i brak u kirgizov Chuiskoi doliny. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 95 p.

CHU VALLEY—GLADIOLUS

Cultivation of phlox and gladiolus in the Chu Valley. L.S. Krivosheeva. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:93-98 '59.

CHU VALLEY—IRIS

Iris germanica in the Chu Valley. IU.S. Pototskaia. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:99-107 '59.

CHU VALLEY—PHLOX

Cultivation of phlox and gladiolus in the Chu Valley. L.S. Krivosheeva. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:93-98 '59.

CHU VALLEY—SEROZEM SOILS

Skeletal Sierozems of northern Kirghizistan and their reclamation. N.K. Bashenov. Izv.AN Kir.SSR.Ser. biol.nauk 2 no.2:63-109 '60.

CHUCKS

Drill chuck with a safety device. N.T. Rumak. Stan.i instr. 31 no.7:30 Jl '60.

Universal chucks for fastening end mills. M.I. Kiselev. Stan.i instr. 31 no.7:35 Jl '60.

CHUIKOV, SEMEN AFANAS'EVICH, 1902-

Landscape paintings of three Soviet masters. IU. Osmolovskii. Iskusstvo 23 no.5:30-44 '60.

CHUKCHI LANGUAGE—WORDS

Names of colors in the Chukchi (Luoravetlan) language. F.N. Shemtakin. Dokl. APN no.1:55-57 '60.

CHUKCHI NATIONAL AREA—TRAPPING

On the track of the blue foxes. Rytkheu. Ogonek 38 no.33:18-19 Ag '60.

CHUKCHI PENINSULA—SPRING BEAUTY

A new species of the genus Claytonia Gronov. from the Chukchi Peninsula. E.V. Volkova. Bot. mat. Gerb. 20:139-141 '60.

CHUKOVSKII, KORNEI IVANOVICH, 1882-

A good storyteller. P. Dymshits. Doshk. vosp. 33 no.5:113-114 My '60.

Tales and "commandments" of Kornei Chukovskii. A. Ivich. Doshk. vosp. 33 no.5:103-112 My '60.

CHURCH AND STATE

Answer from V. Karpov, chairman of the Council for the Affairs of the Russian Orthodox Church attached to the Council of Ministers of the U.S.S.R., to greetings received on the occasion of May Day. Zhur. Mosk. Patr. no.5:24 My '60.

CHURCH CALENDAR

[Old-Believers' Church Calendar for 1960] Staroobriadcheskii tserkovnyi kalendar' na 1960 god. Moskva, Izd. Staroobriadcheskoi Arkhiepiskopii. Mosk. i vseia Rusi, 1959. 77 p.

CHURCH DEDICATION see subdivision under Ustyuzhna

CHURCHITE see subdivision under Krasnoyarsk Territory

CHUVASHIA

Republic on the Volga River. A Starkov. Ogonek 38 no.25 16-18 Je '60

CHUVASHIA—HORSEFLIES

Horsefly fauna of the Chuvash A.S.S.R. [with summary in English]. I.M.Oliger. Zool.zhur. 39 no.7·1099-1102 Jl '60.

CHUYA VALLEY—WEEDS

Material on weeds in vegetable fields on the Logvinenko Collective Farm. N.M.Balakireva. Sbor.nauch.rab. stud.Nauch.stud.ob-va Kir.un. no.2;81-84 '59.

CICADA see subdivision under Ukraine

CICATRICES

New preparations for the resorption of scars. G.I.Subbotina. Med.sestra 19 no.8·30 Ag '60.

CILIA AND CILIARY MOTION

Sensitivity of mytilids of the Black Sea and their ciliated epithelium to high temperatures. A.V.Zhirmunskii. Dokl.AN SSSR 133 no.3·683-685 Jl '60.

CIMMERIAN BOSPORUS (KINGDOM)—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

"Cities of the Bosporus." Vol.2. Reviewed by D.B. Shelov. Sov.arkheol. 4 no.2;285-288 '60.

CIMOLITE

Investigation of pelicanite granites as used in the production of building materials [with summary in English]. H.IA.Slobodianyk, K.V.Dorofieieva. Dop.AN URSR no.5,659-662 '60.

CINNAMIC ACID

Thermal stability and polymerization-initiating activity of diacyl peroxides of cinnamic and hydrocinnamic acids. I.V.Sukmanskaia, A.I.IUrzhenko. Zhur.ob.khim. 30 no.7·2108-2112 Jl '60.

CIRCUITS, ELECTRIC see Electric circuits

CIRCULAR SAWS

Universal grinding of circular saws. A.Reshetnikov, V.Galanin. Prom.koop. 14 no.6·19 Je '60.

CIRCULATORY SYSTEM see Cardiovascular system

CIRCUS see subdivision under Asbest, Mongolia

CITIES AND TOWNS—GROWTH

Distribution of the population in large cities. M.O. Khauke. Izv.ASIA no.2;28-41 '60.

An "optimal city." IU.Bocharov. Arkhit.SSSR no.5;16-18 '60.

CITIES AND TOWNS, MEDIEVAL see subdivision unde Brittany; Georgia

CITIES AND TOWNS, RUINED, EXTINCT, ETC.
(see also subdivision under Cimmerian Bosporus, Kingdom, Dead Sea region; Dzhalman; Volhynia)

"Plesnesk" "The lay of the host of Igor" and the ancient Russian city of Plesnesk. M.P.Kuchera. Krat.soob. Inst.arkheol AN URSR no.9,113-116 '60.

CITRIC ACID

Experimental variability of Aspergillus niger. Report No 2: Formation of citric acid by variants of Asp niger obtained through ultraviolet irradiation [with summary in English] A.A Imshenetskii, L.I Solntseva, N.F. Kuranova. Mikrobiologiia 29 no 3.351-357 My-Je '60.

CITRUS FRUITS

Secret of the citrus plants. O.Karyshev. Znan.sila 35 no.7;48-49 Jl '60.

CITY PLANNING
(see also subdivision under Altai Territory; Armenia; Azerbaijan; Berlin; Bratsk; Estonia, Georgia; Kadiyevka; Krivoy Rog; Leningrad; Leningrad region; Leski; Moscow, Ukraine; Vladivostok; Zaporozh'ye)

Akademiia stroitel'stva i arkhitektury SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Building residential microdistricts] Zastroika zhilykh mikroraionov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 163 p.

All-Union Conference on Urban Development. I.Dnestrov. Stroi.i arkhit. 8 no.7;5-6 Jl '60.

Appeal of the participants of the All-Union Conference on Urban Development to all city builders and workers. Arkhit.SSSR no.7:2-4 '60.

City building and the objectives of science in the field of urban development. N.V.Baranov. Izv.ASIA no.2;3-12 '60.

Davidovich, V.G. [Settlement in industrial centers; engineering-economic principles] Rasselenie v promyshlennykh uzlakh, inzhenerno-ekonomicheskie osnovy. Moskva, Gos.izd-vo lit-ry po stroit. materialam, 1960. 322 p.

Distribution of the population in large cities. M O Khauke. Izv.ASIA no.2 28-41 '60.

Improving public services through urban development [with summary in English, p.74]. H.I.Frumin. Visnyk ABiA URSR no.2.15-20 '60.

"Instructions for working out projects involving planning and building rural populated places " Biul.stroi.tekh. 17 no.7:12-15 Jl '60.

Methods for planning rural settlements. D.Zhmudskii, A.Pavlovskii. Zhil.stroi. no.6.8-11 Je '60.

New progress in Soviet urban development. B.Svetlichnyi Zhil.stroi. no.6·1-3 Je '60.

An "optimal city." IU Bocharov. Arkhit.SSSR no 5:16-18 '60

Our cities will be comfortable and beautiful. Blok.agit. [Ukr.] no.18:47-53 Je '60.

The planning and building of cities is the center of architects' attention. Arkhit.SSSR no 5 1-7 '60.

Progressive principles of planning and building industrial city districts. V.I Luk'ianov. Izv.ASIA no.2;21-27 '60.

Residential districts and progressive methods for building microdistricts. Arkhit.SSSR no.7·5-12 '60.

Satellite cities and the expansion of large cities. K.F. Kniazev. Izv.ASIA no.2;42-56 '60.

Some problems in planning residential microdistricts. A.Baranskii. Arkhit.SSSR no.7·27-29 '60.

Urban development is our common cause. Osn., fund.i mekh.grun. 2 no.4:1-2 '60.

CITY PLANNING—HYGIENIC ASPECTS

Architect and physician M.Linetskaia. Zdorov'e 6 no 7:3 Je '60

Sun is returned to the city. S.Muratov. Zdorov'e 6 no.7.26-27 Je '60

CITY TRAFFIC see subdivision under Moscow

CIURLIONYTE, JADVYGA, 1899-

J.Ciurlionyte. G.Cetkauskaite. Sov.muz. 24 no.7:170 Jl '60.

CIVIL DEFENSE

Dispersing and evacuating the population. M.Korablev. Voen.znan. 36 no.7:33-34 Jl '60.

Zubkin, A.S. [What decontamination and degassing is] Chto takoe dezaktivatsiia i degazatsiia. Moskva, Izd-vo DOSAAF, 1960. 55 p.
[MICROFILM]

CIVIL LAW

At the committees for legislative proposals of the Union Soviet and the Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Sov.gos.i pravo no.7:3 Jl '60.

In the committees for legislative proposals of the Union Soviet and Soviet of Nationalities of the Supreme Soviet of the U.S.S.R Biul Verkh Suda no 4 1 '60.

In the committees for legislative proposals of the Union Soviet and the Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Sov.iust. no.7 Insert: 1-16 Jl '60.

In the committees for legislative proposals of the Union Soviet and Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Proposed "Basic principles of the civil law of the U.S.S.R.and Union Republics." Vop.ekon. no.8:3-22 Ag '60.

Proposed "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Biul.Verkh.Suda no.4:1-20 '60.

Proposed "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sov.deput.trud. no.7:9-24 Jl '60.

Proposed "Basic Principles of the Civil Law of the U.S.S.R. and the Union Republics." Sov.gos.i pravo no.7:3-22 Jl '60.

We discuss the proposed "Basic Principles of the Civil Law and Civil Procedure of the U.S.S.R. and the Union Republics." B.Antimonov and others. Sov.iust. no.8· 4-10 Jl '60.

CIVIL PROCEDURE

At the committees for legislative proposals of the Union Soviet and the Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Sov.gos.i pravo no.7:3 Jl '60.

In the committees for legislative proposals of the Union Soviet and Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Biul.Verkh.Suda no.4.1 '60.

In the committees for legislative proposals of the Union Soviet and the Soviet of Nationalities of the Supreme Soviet of the U.S.S.R. Sov.iust. no.7 Insert: 1-16 Jl '60.

Loginov, P.V. [Preparation of civil cases for trial] Predvaritel'naia podgotovka grazhdanskikh del k slushaniiu v sude. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 145 p.

Participation of our people in the examination of civil cases. M.IAkovlev. Sots.zakon. 37 no.6:28-30 Je '60.

Participation of our people in the examination of civil cases. G.Baturov, E.Filippov. Sots.zakon. 37 no.6: 31-32 Je '60.

Proposed "Basic Principles of the Civil Procedure of the U.S.S.R and the Union Republics." Biul.Verkh. Suda no 4 21-33 '60

Proposed "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sov.deput.trud. no.7·25-33 Jl '60.

Proposed "Basic Principles of the Civil Procedure of the U.S.S.R. and the Union Republics." Sov.gos.i pravo no.7:22-34 Jl '60.

Several problems of legal relations in civil procedure. S.A.IAkubov. Izv.AN Uz.SSR.Ser.obshchestv.nauk no.3:43-48 '60.

Various forms of judicial procedure in Soviet civil procedure law. M.G.Avdiukov. Vest.Mosk.un.Ser. ekon.,filos.,prava 11 no.2 109-131 '56.

We discuss the proposed "Basic Principles of the Civil Law and Civil Procedure of the U.S.S.R. and the Union Republics." B.Antimonov and others. Sov.iust. no.8 4-10 Jl '60.

CIVIL RIGHTS

Soviet democracy and personal freedom. E.Bagramov. Kul't i zhizn' 4 no.6·13-15 '60.

CIVILIZATION

V.I.Lenin on culture [with summary in English]. L.N. Pazhitnov. Vest.ist.mir.kul't. no.2:3-15 Mr-Ap '60.

CIVILIZATION, ASSYRO-BABYLONIAN

The culture of the ancient East ("The culture and art of Mesopotamia and neighboring countries" by N.D.Flittner. Reviewed [in English] by M.Heltzer). Vest.ist. mir.kul't. no.2;152-156 Mr-Ap '60.

CLASS DISTINCTION

Furmanov, G.L. [Essential changes in class structure in the U.S.S.R.; a lecture for correspondence students in state universities] Korennoe izmenenie klassovoi struktury v SSSR; lektsiia dlia studentov-zaochnikov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1959. 45 p.
(MH)

Whom the bourgeois ideologists call the "elite." G.Ashin. Otv.na vop.trud. no.115:53-56 '60.

CLASSICAL STUDIES

[Problems in classical philology] Pytannia klasychnoi filologii. [L'viv] Vyd-vo L'vivs'koho univ.
No.1. 1959.
(NN)

CLASSIFICATION—BOOKS

Classification scheme and classified catalog for the history of American countries; practices of the State Historical Library. V.G.Maliuchenko. Bibliot.SSSR no.13;161-173 '60.

Classification scheme for literature on local lore. Sov. bibl. no 3:96-107 '60.

What a provincial library scheme for a local-lore catalog should be G F.Chudova Sov bibl. no.3;108-120 '60

CLAY

Compressibility of clayey soils. S.N.Egorov Trudy Gidroproekta 3;75-90 '60.

Find of boehmite in "biscuit" type kaolinitic clays of the Stalinogorsk horizon in the lower Carboniferous of Tatarstan. N.P.Betelev. Dokl.AN SSSR 133 no.4; 928-930 Ag '60.

Friability of dry standard models made of clay-sand mixtures [with summary in English]. K.L.Sheptunov. Inzh.-fiz.zhur. no.2:46-50 F '60.

Moisture in clayey soils as one of the factors of their bearing capacity. E.T.Panfilov. Osn.,fund.i mekh. grun. 2 no.4:13-14 '60.

Relation between the heat of wetting, the bound water content, the hygroscopicity, and the ion exchange capacity of clays [with summary in English]. I.I.Morachevskii and others. Koll.zhur. 22 no.3:340-343 My-Je '60.

Some data on the study of clayey minerals in soils of the Kura-Aras Lowland [in Azerbaijani with summary in Russian]. I.Sh.Iskenderov. Izv.AN Azerb.SSR.Ser. biol.i med.nauk no.3.141-148 '60.

CLAY—TESTING

Experimental data on the tensile strength of clay grounds under repeated variable loads [with summary in English]. TS.E.Mirtskhulaeva. Inzh.-fiz.zhur. no.2:94-96 F '60.

How to sample clay to be used in laboratory and semi-industrial testing. P.Epel'boim. Sil'.bud. 10 no.5: 18-19 My '60.

CLEANING COMPOUNDS

Effect of the structure and length of the hydrocarbon radicals of detergents on their oleophilic properties [with summary in English]. P.A.Demchenko, A.V.Dumanskii. Koll.zhur. 22 no.3:272-276 My-Je '60.

Some properties of alkyl sulfates of synthetic alcohols and their solutions. I.K.Getmanskii, Zh.IA.Leshchenko. Masl.-zhir.prom. 26 no.7:24-26 Jl '60.

CLEMENS, SAMUEL LANGHORNE, 1835-1910

Fiftieth anniversary of the death of Mark Twain. Vest. AN SSSR 30 no.7:114-115 Jl '60.

Mark Twain's antimilitary pamphlets, 1898-1910. O.S. Leont'eva. Uch.zap.Kaf.zarub.lit.MGPI no.4:67-79 '59.

CLIBURN, VAN, 1935-

Before the concerts V Matveev Ogonek 38 no 23 31 Je '60

Five questions posed to Van Cliburn K Vishnevetskii Smena 37 no 11 16-17 Je '60

Two books on Van Cliburn ("The Van Cliburn legent" by A. Chasins and V. Stiles, "Van Cliburn" by S. Khentova. Reviewed by P Pecherskii) Sov. muz. 24 no. 6:195-197 Je '60.

CLIMACTERIC

Role of the adrenal gland in pathological manifestations of the climacteric. N. V. Svechnikova, V. F. Saenko-Liubarskaia. Vrach delo no. 6:615-617 Je '60.

CLIMATOLOGY

(see also subdivision 'Climate' under Asia; South Kazakhstan Province; Soviet Central Asia, Transbaikalia, Ukraine, Ural Mountains)

Help could be obtained from the moon. ... Tekh. mol. 28 no. 6:35-36 '60.

Radiant heating ring around the planet. M. Gorodskii. Tekh. mol. 28 no. 5:23-24 '60.

CLIMATOLOGY—CHARTS, DIAGRAMS, ETC.

Graphic operations with isoline systems. N. I. Guk. Trudy UkrNIGMI no. 18,3-9 '59

CLIMATOLOGY, MEDICAL

Influence of meteorological factors on the appearance and course of some forms of cardiovascular diseases. P. G. Skochii. Vrach. delo no. 7 110-111 Jl '60.

CLINKER BRICK

Enriching air with oxygen in burning clinker in shaft kilns. G. S. Val'berg and others. TSEment 26 no. 3: 3-8 My-Je '60.

CLOSE RANGE PHOTOGRAPHY see Photography, Close-up

CLOSTRIDIUM PERFRINGENS

Action of antibiotics on the dehydrogenase activity of Clostridium perfringens [with summary in English]. L. M. Shmuter. Antibiotiki 5 no. 1:69-70 Ja-F '60.

CLOTHING, PROTECTIVE

(see also subdivision under Germany, East)

A new protective helmet A Libner Okhr truda i sots strakh. 3 no 3 70 Mr '60

CLOTHING, PROTECTIVE—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Canvas jackets and trousers] Kurtka i briuki muzhskie brezentovye. Izd. ofitsial'noe. Moskva, 1959, 34 p. (Gosudarstvennye standarty SSSR)

CLOTHING AND DRESS

University of beauty and health Smena 37 no 11·20 Je '60

CLOTHING INDUSTRY

(see also subdivision under Baku; Magnitogorsk; Minsk; Moscow, Odessa; Simferopol; Vitebsk)

For advanced standards in the quality and grading of clothing and fabrics. D. A Kobylianskii, A B. Siniakov Shvein. prom no. 3 13-17 My-Je '60.

New ways of designing clothing I A. Ter-Ovakimian. Shvein prom no 3 10-23 My-Je '60.

Schedule for assigning models. Sov torg 33 no 7 29-30 Jl '60

Striving for fulfillment of the seven-year plan in the clothing industry ahead of time. Shvein. prom. no. 3 39-40 My-Je '60

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

Experimental introduction of recirculating conveyors with high productivity A. B Siniakov, B. A. Kusner. Shvein prom. no. 3 32-36 My-Je '60.

CLOTHING INDUSTRY—LABOR PRODUCTIVITY see subdivision under Kishinev

CLOTHING INDUSTRY—MANAGEMENT

Improve the quality of ready-made clothing. D. A. Kobylianskii. Standartizatsiia 24 no. 6:39-40 Je '60.

CLOTHING INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy

CLOUD CHAMBERS

Diffusion chamber with a supersaturated condition constant in volume and time. B. V. Deriagin. Prib i tekh. eksp. no. 2 45-47 Mr-Ap '60.

Energy spectra of the electron-photon component in broad atmospheric showers near the shower axis [with summary in English]. O. I. Dovzhenko, S. I. Nikol'skii, E. V. Rakobol'skaia. Zhur. eksp. i teor fiz. 38 no. 5· 1361-1369 My '60.

LOUD PHYSICS

Altitude of radar-detected precipitation. V. M. Muchnik. Trudy UkrNIGMI no. 18:86-89 '59.

Calculating radiative cooling of clouds. E. M. Feigel'son. Izv. AN SSSR. Ser. geofiz. no. 7:1030-1041 Jl '60.

Comparative measurements of the concentration and function of particle distribution in water aerosols. A. G. Laktionov, L. M. Levin. Izv. AN SSSR. Ser. geofiz. no. 7: 1056-1058 Jl '60.

Equations of crystallization of supercooled clouds with an account of coagulation. V. I. Beliaev. Izv. AN SSSR. Ser. geofiz. no 7,1059-1068 Jl '60.

Nature of noctilucent clouds. I. A. Khvostikov. Nek. probl. meteor. no. 1:112-114 '60.

Nature of noctilucent clouds. V. A. Bronshten. Nek. probl. meteor. no. 1,120-123 '60.

CLOUDS

Observations on the frequency of noctilucent clouds made at stations of the U.S.S.R V. V. Sharonov. Nek. probl. meteor. no 1,115-116 '60.

Problems and methods of absolute photometry of noctilucent clouds [with summary in English]. V. V. Sharonov. Nek probl. meteor. no. 1:124-140 '60.

Summer clouds in Russia N I. Novozhilov Priroda 49 no 7 127 Jl '60

Wave motions and meteorological conditions of the formation of noctilucent clouds. N. I. Grishin. Nek. probl. meteor. no. 1:117-119 '60.

Zaitsev, V. A., and A. A. Ledokhovich. [Instruments and the study of clouds from an airplane] Pribory i metodika issledovaniia oblakov s samoleta. Leningrad, Gidrometeor. izd-vo, 1960. 175 p.

CLUB-FOOT see Foot—Abnormities and deformities

CLUB MOSSES see subdivision under Arctic regions

CLUBHOUSES

[Constructing rural building serving cultural needs] Stroitel'stvo sel'skikh ochagov kul'tury. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 142 p.

Designs submitted in the competition for the best rural clubhouses. I. Levko, G. Kliucharev. Arkhit. SSSR no. 5 35-39 '60.

CLUBS

(see also subdivision under Novosibirsk, Ryazan)

Brief news. Klub 9 no. 5:36 My '60.

Club of enthusiasts for the seven-year plan. G. Levitskii. Klub 9 no. 5·3-6 My '60.

Letters to the editor. Klub 9 no. 5:35 My '60.

Star shines over the farm. I. Senkevich. Komsom. zhizn' no. 10:20-21 My '60.

CLUBS—FINANCE see subdivision under Tashkent Province

CLUTCHES—STANDARDS

[Free-wheeling roller clutch; design and specifications] Mufty obgonnye rolikovye; konstruktsiia i razmery. Moskva, Standartgiz, 1959. 27 p. (Normal' mashinostroeniia MN 3-58)

COACHING (ATHLETICS)

Still and motion-picture cameras as helpers in sports coaching. O. Stukolov. Sov. foto 20 no. 7:40 Jl '60.

COAL

(see also subdivision under Czechoslovakia)

Composition and properties of large-sized coal types of the Donets Basin. M. D. Kuznetsov, Z. G. Liannaia. Koks i khim. no. 6:10-13 '60.

Hydrolytic decomposition of oxidized coals. R. N. Smirnov. Dokl. AN SSSR 133 no. 2:303-305 Jl '60.

Investigating the thermal decomposition of Shargun coal under high-speed heating. N. F. Vishnevskii. Izv. AN Uz. SSR. Ser. tekh. nauk. no. 3:12-14 '60.

Mechanization of the process of taking coal samples. N. A. Shmachkov. Koks i khim. no. 6:7-10 '60.

Oxidation of coals and humic acids under the influence of ultrasonic waves B. I. Losev, N. G. Lidina Dokl AN SSSR 133 no 1 106-108 Jl '60

Pilot plant for hydrogenating coal with the purpose of synthesizing chemical products (from "Chemical Products," no. 7, 1959). Koks i khim. no. 5:61 '60.

Trend of the research on coal and its uses in many capitalist countries. V. G. Zashkvara, B. N. Vol'fson. Koks i khim. no. 6:61-64 '60.

Use of the radioisotope S^{35} in the study of the process of coal desulfurization. A. Z. Kulishenko, K. P. Medvedev. Koks i khim. no. 7:5-10 '60.

COAL—ANALYSIS

More accurate and rapid method of determining mineral sulfur (pyrite and sulfate) in coals. M. L. Pogrebinskaia, O. P. Kozhevnikova. Koks i khim. no. 6:11-12 '60.

Rapid method of determining the ash content of coal, based on the reflection of β-radiation. R. A. Irkovskii. Zav. lab. 26 no. 7:832 '60

COAL—CARBONIZATION

(see also subdivision under United States)

Caking capacity of coals. Samir Sarkar. Koks i khim. no. 7:17-24 '60.

Characteristics of the PK-2k-type coke ovens during the coking of charges from Kuznetsk coals. P. I. Kuperman, B. G. Agapov. Koks i khim. no. 7:24-29 '60.

Coal pressure arising during coking. N. S. Griaznov. Koks i khim. no. 6·16-20 '60.

Coking of gas and long-flame coals. G. N. Makarov, Wang Chao-hsiung. Koks i khim. no. 6:3-6 '60.

Effect of the extent of the concentration and of the carbonizing conditions on the coking capacity of charges from Tkvarcheli and Tkibuli coals. R. A. Geguchadze. Koks i khim. no. 7:15-17 '60.

Heat expended for coking. I. V. Virozub, A. I. Voloshin, K. I. Lgalov. Koks i khim. no. 5:23-29 '60.

COAL—CLASSIFICATION

Differentiation of leaned out weakly caking coals and lean noncaking coals of the Donets Basin. A. M. Miroshnichenko and others. Koks i khim. no. 5·9-10 '60.

COAL—PIPELINES see subdivision under United States

COAL—STORAGE

Automatic breakdown of coal in storage piles by means of compressed air. M. P. Zherdev. Koks i khim. no. 6·12-13 '60.

COAL—TESTING see subdivision under Kizel Basin

COAL—TESTING—STANDARDS

Determining thermal stability of coal used for power production. G. N. Podbel'skii. Standartizatsiia 24 no. 7:35-36 Jl '60.

COAL, PULVERIZED

Study of fuel pulverization processes in a mill-fan combination N. B Shalaev. Trudy Ural politekh inst. no 79 59-73 '59

COAL GEOLOGY see subdivision under Ukraine

COAL HANDLING

Operation of thawing devices at electric power stations. I. F. Pilushch. Elek. sta. 31 no. 4:79-81 Ap '60.

Radiometric system for continuously registering the level of coal bins and fluid reservoirs. V. G. Segalin, P. V. Lototskii, S. I. Libson. Elek. sta. 31 no. 4:20-23 Ap '60.

COAL HANDLING MACHINERY

Improving the PML-5 rock loader. I. M. Berlovich, E. A. Kutovoi. Ugol' Ukr. 4 no. 6·35-36 Je '60.

Operation of a rotary car dumper for low-quality brown coal. A. A. Bobrov. Energetik 8 no. 6:7-9 Je '60.

COAL MINERS

(see also subdivision under Donets Basin; Karaganda Basin; Kizel Basin, Lugansk Province, Moscow; Pechora Basin)

Active workers of trade unions participating in the work of the congress. Mast. ugl. 9 no. 6:6-8 '60.

After a new house has been built. P. Zhuk. Mast. ugl. 9 no. 6:23-24 '60.

Consultation. Mast. ugl. 9 no. 5·23 My '60.

Consultation. Mast. ugl. 9 no. 6:28 '60.

Consultation. Mast. ugl. 9 no. 7:20 Jl '60.

Crew of the "Severnyi" open-pit mine. I. Nikulin. Mast. ugl. 9 no. 7:3 Jl '60.

In the interest of miners and of the production. V. Kartashov Mast. ugl. 9 no. 5:14-15 My '60

Leader of the explorers of tomorrow. S. Orlovskii. Mast. ugl. 9 no. 7:27 Jl '60.

One of the 1,200,000. Mast. ugl. 9 no. 5:16-17 My '60.

Peace, work, happiness. Mast. ugl. 9 no. 7:1-2 Jl '60.

Share technical knowledge with the masses. I. Kononov, V. Davydov. Mast. ugl. 9 no. 7:10 Jl '60.

Soiuz rabochikh ugol'noi promyshlennosti. TSentral'nyi komitet. [Handbook on work safety in coal mining] Spravochnik po okhrane truda v ugol'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 302 p.

COAL MINES AND MINING (Continued)

"Manual for the miner engaged in stoping flat and inclined coal seams" by P.K.Gurzhiia. Reviewed by N.Borychev. Mast.ugl. 9 no.7:28 Jl '60.

Methodological conference concerning "Research on mining methods eliminating the constant presence of workers in the longwall." V.F.Profeev. Ugol' 35 no.7 61-63 Jl '60.

A militant program--such are the decisions of the congress. I.Vlastelenko. Mast.ugl. 9 no.5:1-3 My '60.

Mine operated on a two-cycle schedule. V.G.[illegible] Ugol' Ukr. 4 no.6:25-26 Je '60.

Mining operations in new coal mine development projects during 1959. R.G.Mordukhovich, V.V.Baranov. Shakht.stroi. 4 no.7:11-14 Jl '60.

Nekrasovskii, IA.E., and I.M.Rymar. [Rapid development mining] Opyt skorostnogo provedeniia podgotovitel'nykh vyrabotok. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 93 p.

New equipment and techniques. Mast.ugl. 9 no.6:16 '60.

Obstacles that should be eliminated. M.Bashlov. Mast.ugl. 9 no.7:19-20 Jl '60.

On the road of technical progress. Mast.ugl. 9 no.7: 8a-8b Jl '60.

Raikhel, M.E., and I.N.Kaminskii. [Work-time study in mines] Issledovanie rabochego vremeni na shakhtakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 220 p.

Readers' letters. Mast.ugl. 9 no.7:21 Jl '60.

Results of the work for the development of technical progress in coal mining during 1959 and the first quarter of 1960. Ugol' 35 no.6:1-5 Je '60.

Speeding up progress in equipment and techniques. G.Krasnikovskii. Mast.ugl. 9 no.6:2-3 '60.

Strength of the employees' representation in management. I.Oksen'. Mast.ugl. 9 no.6:10 '60.

Such people won't let you down. P.Korol'. Mast.ugl. 9 no.7:11 Jl '60.

Valuable book for workers engaged in coal mining ("Improving coal mining equipment and technology." Reviewed by B.I.Bratchenko and others). Ugol' 35 no.5:63-64 My '60.

What kind of daily assignment organization? A.Cherniavskii, A.Malinov. Mast.ugl. 9 no.5:10 My '60.

COAL MINES AND MINING - AIR CONDITIONING

Air conditioning in mines. N.N.[illegible], S.A.Gorodnicheva, V.P.Kopylov. Ugol' 35 no.6:41-44 Je '60.

COAL MINES AND MINING - BIBLIOGRAPHY see Bibliography - Coal mines and mining

COAL MINES AND MINING - COSTS

Determining the efficiency of reorganizing mines. S.A.[illegible]. Izv.vys.ucheb.zav.; gor.zhur. no.4:15-18 '60.

"Effect of the rate of mining and of natural conditions on the cost of coal" by A.S.Astakhov. Reviewed by P.P.Potemkin, N.N.[illegible]. Ugol' 35 no.6:61-64 Je '60.

COAL MINES AND MINING - EQUIPMENT AND SUPPLIES

(see also subdivision under Donets Basin)

Container for lowering long objects into the mine. G.G.Petrenko. Ugol' 35 no.5:51-53 My '60.

On the length of service of fixed assets in the coal mining industry of the U.S.S.R. V.[illegible]. Nauch.dokl.vys.shkoly;ekon.nauki no.2:150-156 '60.

COAL MINES AND MINING - EXPLOSIVES

Causes of the burning out of explosives in boreholes. F.M.Galadzhii. Vzryv.delo no.44/1:144-150 '60.

"Detonit." A.Sergeev. Mast.ugl. 9 no.6:19 '60.

Experience in the use of water-stemmed borehole charges for the breaking down of coal. A.D.Ignat'ev, F.S.Vatolin. Vzryv.delo no.44/1:167-173 '60.

High-safety explosives for the coal industry. N.S.Bakharevich, V.S.Vasil'eva. Vzryv.delo no.44/1:78-94 '60.

COAL MINES AND MINING - FIRES AND FIRE PREVENTION

"Instructions for using 'Fire prevention standards in the architectural planning of industrial plants and populated areas' in designing surface buildings and structures for mines and open pits of the coal mining industry." Biul. stroi.tekh. 17 no.7:31 Jl '60.

COAL MINES AND MINING - HYGIENIC ASPECTS see subdivision under [illegible]

COAL MINES AND MINING - LABOR PRODUCTIVITY

(see also subdivision under Donets Basin; Karaganda Basin, Kizel Basin)

Speeding up the growth of labor productivity and cutting costs in coal mining. Ugol' 35 no.7:1-4 Jl '60.

COAL MINES AND MINING - LIGHTING

Characteristics of portable coal mine lights. I.A.Lenskii. Svetotekhnika 6 no.6:16-21 Je '60.

COAL MINES AND MINING - MANAGEMENT

What kind of assignment system? F.Netrebskii, V.Bednenko. Mast.ugl. 9 no.6:5 '60.

COAL MINES AND MINING - SAFETY MEASURES

(see also subdivision under [illegible])

Alarm signal in a mine. M.[illegible], M.[illegible]. [illegible] no.11:18-19 Je '60.

For a further improvement of safety engineering in coal mines. I.P.[illegible]. Ugol' Ukr. 4 no.6:1-4 Je '60.

In connection with I.M.[illegible]'s response in "Ugol'" no.2 1960 to an article by I.V.Bobrov. Ugol' 35 no.6:[illegible] Je '60.

Krichevskii, R.M. [Safe work methods in mines subject to sudden coal and gas outbursts] Bezopasnye sposoby rabot na plastakh, podverzhennykh vnezapnym vybrosam uglia i gaza. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 57 p. ([illegible] tekhniki bezopasnosti)

Referring to the new statute. [illegible] My '60.

Safety engineering posters. Mast.ugl. 9 no.7:13 Jl '60.

Soiuz rabochikh ugol'noi promyshlennosti. Tsentral'nyi komitet. [Handbook on work safety in coal mines] Spravochnik po okhrane truda v ugol'noi promyshlennosti. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 304 p.

Standing guard for labor safety. [illegible] Mast.ugl. 9 no.5:7-8 My '60.

COAL MINING MACHINERY

(see also subdivision under Donets Basin, Germany, West, [illegible], Karaganda Basin)

Creating the conditions needed for the efficient use of narrow-range coal mining machinery units. K.I.Ivanov. Ugol' 35 no.7:59 Jl '60.

[illegible] the productivity of coal cutter [illegible] Zelenskii. Ugol' Ukr. 4 no.6:15 [illegible]

Facilities for [illegible] of apparatus [illegible] Ugol' Ukr. 4 no.6:43-44 Je '60.

Fields of use for the UVT [illegible] Petrenko. Ugol' [illegible]

Investigating the stability of [illegible] for coal mining machinery with [illegible] R.G.[illegible] [illegible]

Manless coal mining by means of a wire-rope saw in the Kizel Basin. B.V.[illegible] and others. Ugol' 35 no.7: 38-44 Jl '60.

Mechanization and automatization of coal mining. A.K. Alekhin. Ugol' 35 no.7:15-18 Jl '60.

Multiple cutter-loader [illegible]

Narrow-range machine units represent the right direction in the mechanization of coal mining. P.M. [illegible]. Ugol' 35 no.7:59-60 Jl '60.

New equipment and techniques. Mast.ugl. 9 no.6:16 '60.

Over-all mechanization of stoping [illegible]

The [illegible] coal mining combine [illegible]

[illegible]

Pavolotskii, I.A., and A.L.[illegible] [illegible]

Readers' response to A.A.Avakian's article "[illegible] the field of use of machines with [illegible] working [illegible]" Ugol' 35 no.7:[illegible] Jl '60.

Sinking, heading, and drilling machines [illegible]

Speed in the motion of mechanized [illegible] Mast.ugl. 9 no.6:4 '60.

Speeding up the creation of narrow-range, [illegible] type, cutter loaders. Iu.D.Krasnik[illegible]. Ugol' 35 no.7:61 Jl '60.

[illegible]

Worm cutter-loader. N.[illegible], A.Petrov. Mast. ugl. 9 no.7:18-19 Jl '60.

COAL MINING MACHINERY - ELECTRIC DRIVING

New electric motors. I.[illegible]. Mast.ugl. 9 no.6:12 '60.

COAL MINING MACHINERY - MAINTENANCE AND REPAIR

Centralization of operations for [illegible] of mining [illegible] V.S.[illegible], [illegible]. Ugol' 35 [illegible] '60.

COAL MINING MACHINERY - TESTING

Results of the test operation of the K-52M cutter-loader. D.S.Frolov. Ugol' 35 no.7:16-20 Jl '60.

COAL PREPARATION

(see also subdivision under Great Britain, Karaganda Basin, Makeyevka, Stalino, Stalino Province)

[illegible], M.Medvedev. [illegible] '60.

Automatization of the control of pulp consumption in the flotation shop of a coal cleaning plant. A.[illegible]. Koks i khim. no.7:11-[illegible] '60.

Effect of the extent of the concentration and of the grading conditions on the coking capacity of charges from Tkvarcheli and Tkibuli coals. N.A.[illegible]. Koks i khim. no.7:15-17 '60.

Relationship [illegible] effectiveness of concentration and the [illegible] coke. [illegible] '60.

[illegible] of coal fines. [illegible] no.6:13-15 '60.

COAL PREPARATION - [illegible]

[illegible]

COAL PREPARATION - EQUIPMENT AND SUPPLIES

[illegible]

[illegible]

[illegible]

[illegible]

COCCIDIOSIS
(see also subdivision under Alma-Ata Province)

Effect of sulfonamides administered to chicks on the sporulation capacity of oocysts of chicken coccidia Eimeria necatrix [with summary in English]. Z.M. Kogan. Zool.zhur. 39 no.7:978-983 Jl '60.

COCKROACHES

Cockroaches and their control. E.I.Bundin. Fel'd.i akush. 25 no.5:52-54 My '60.

COFFEE—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Tea and coffee] Chai i kofe. Izd. ofitsial'noe. Moskva, 1950. 63 p. (Gosudarstvennye standarty SSSR)

COFFERDAMS

Construction of cofferdams on silt. S.P.El'tasberg. Gidr. stroi. 30 no.6:49-50 Je '60.

COINS

A route from Sestroretsk. Smena 37 no.15:30 Ag '60.

COINS, ANCIENT see subdivision under Berezan' Island

COINS, GREEK see subdivision under Kerch

COINS, PERSIAN see subdivision under Fergana

COKE

Effect of the linear velocity of flow in cracking on the deposition of coke on an aluminosilicate catalyst. D.P. Belyakin, L.A.Kachur. Zhur.prikl.khim. 33 no.7: 1534-1540 Jl '60.

An instance of coke formation in coals in contact with a sulfide vein. E.N.Sultanova. Geol.rud.mestorozh. no.6:35-40 N-D '60.

New method of packing coal charges in coke oven chambers. I.IA.Pil'skii. Koks i khim. no.7:30-33 '60.

Physicochemical properties of pitch coke. M.A.Stepanenko, N.I.Matusiak. Koks i khim. no.6:28-31 '60.

Relationship between the effectiveness of concentration and the optimum ash content of charges and of coke. I.I.Ulitskii. Koks i khim. no.6:53-58 '60.

COKE—TRANSPORTATION

Using vibrations in loading coke into railroad cars. S.S. Smirnov, I.I.Elenson, IA.K.Gorobets. Koks i khim. no.5:38-40 '60.

COKE INDUSTRY

At the Technical Council of the State Institute for the Design and Planning of By-Product Coking Plants. M.Ol'shpozov. Koks i khim. no.6:60 '60.

Developing the resources of raw materials for coking in the East of the U.S.S.R. V.D.Fridberg, S.A. Fazonov. Koks i khim. no.6:6-9 '60.

Expansion of the mining and consumption of coking coal in Czechoslovakia. IU.L.Pivovarov. Ugol' 35 no.6: 55-58 Je '60.

COKE INDUSTRY—BIBLIOGRAPHY see Bibliography Coke industry

COKE INDUSTRY—BY-PRODUCTS
(see also subdivision under Krivoy Rog; Tiflis; Zaporozh'ye)

Automatic regulation of the position of the line separating the liquids in by-product coking assemblies. A.A. Kostikov, IU.P.Krivoi. Koks i khim. no.6:46-48 '60.

Effective rectification of high-boiling mixtures in a packed column. M.M.Potudnikov. Koks i khim. no.6:46-50 '60.

Improving the performance of heat-exchangers and lowering the steam consumption in benzene producing shops. I.F.Zamkovoi. Koks i khim. no.7:48-49 '60.

In the Technical Council of the State Institute for the Design and Planning of By-Product Coking Plants. M.I. Ol'shpozov. Koks i khim. no.5:59 '60.

In the Technical Council of the State Institute for the Design and Planning of By-Product Coking Plants. M.I. Ol'shpozov. Koks i khim. no.5:59 '60.

New industrial layout for the production of ammonium sulfate at by-product coking plants. K.A.Belov, S.N. Lazarev. Koks i khim. no.7:46-48 '60.

Rapid method of determining ammonium ions in the waste water from the manufacture of by-product coking plants. V.T.Kaplin, N.G.Fesenko. Koks i khim. no.5:49-50 '60.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Dneprodzerzhinsk; Rutchenkovo)

Assembling high structures. G.V.Lisovich. Mont.i spets.rab.v stroi. 22 no.7:1-6 Jl '60.

In the Technical Council of the Design Office of the All-Union Trust for the Construction of By-Product Coke Plant Machinery of the State Institute for the Design and Planning of By-Product Coking Plants. N.Telepnev. Koks i khim. no.5:59 '60.

Industrial application of the MVT-35-II tubular electrostatic precipitator. M.S.Orekhov. Koks i khim. no.6:45-46 '60.

Machinery for loading coke into cars. A.N.Skorniakov, F.S.Skorniakov. Koks i khim. no.7:36-38 '60.

Mechanization and automatization of operations in coke-oven sections. G.Kh.Il'vinenko, A.D.Suslikov. Koks i khim. no.7:33-36 '60.

More consideration to be given to the construction of by-product coke industry plants. Koks i khim. no.5:3-5 '60.

New methods of planning underground communications in by-product coking plants. A.G.Gol'dberg. Koks i khim. no.6:54-57 '60.

Starting up a unit for the dry quenching of coke. I.S. El'kind. Koks i khim. no.5:32-35 '60.

COKE INDUSTRY—EXHIBITIONS

Exhibition of the Achievements of the National Economy of the U.S.S.R. Koks i khim. no.7:3-4 '60.

COKE INDUSTRY—STUDY AND TEACHING

Interfactory school for the operators of dephenolizing plants. A.M.Grinberg. Koks i khim. no.5:50-52 '60.

COKE-OVEN GAS

Change in the hydrogen cyanide content of coke-oven gas at different points along the processing line. A.V Granchak. Khim.prom. 7:104 Mr '60.

Firing open-hearth furnaces with cold high-calorie gas without addition of fuel oil. N.N Dobrokhotov. Metallurg 5 no.8:13 Ag '60.

Separate recovery of ammonia and pyridine bases from coke-oven gas. V.M.Kogan and others. Koks i khim. no.6:32-35 '60.

COKE-OVEN GAS—CONGRESSES

Utilization of coke-oven gas. M.M.Dmitriev, V.A.Lolien. Koks i khim. no.7:56-58 '60.

COKE OVENS
(see also subdivision under Zaporozh'ye)

Basic trends in the development of the construction of coke ovens abroad using the underjet gas distribution system. I.M.Khanin and others. Koks i khim. no.7: 58-64 '60.

Effect of the type of door lining on the strength of coke-oven brickwork. K.G.Kal'kanov. Koks i khim. no.6: 23-26 '60.

Methods for determining the air flow sections of gas and air valves. IA.S.Bulotun, V.F.Nadgol'nyi. Koks i khim. no.6:29-31 '60.

Regulation of gas streams in the heating system of coke ovens. I.N.Perevadenko. Koks i khim. no.7:29-30 '60.

COLCHICINE

Method for experimental induction of polyploidy by the use of colchicine. IA.G.Ogolevets. Biul.Glav.bot. sada no.36:106-108 '60

COLCHIS—DWELLINGS

Sumbadze, L.Z. [Colchis dwelling according to Vitruvius] Kolkhidskoe zhilishche po Vitruviiu. Tbilisi, Izd-vo Akad.nauk Gruz.SSR, 1960. 51 p., illus.

COLD—PHYSIOLOGICAL EFFECT

Effect of preliminary cooling on the course of infectious and aseptic inflammation and on the effectiveness of experimental antibiotic therapy [with summary in English]. P.N.Aleksandrov. Pat.fiziol.i eksp.terap. 4 no.3:20-23 My-Je '60.

Influence of chilling the extremities on the amount of some mineral elements in rabbits' muscles during the application and removal of a tourniquet. O.D.Sidorenko. Uch.zap.2-go MGMI 17:113-118 '58.

Respiration of muscles following application and removal of a tourniquet with local chilling of the extremities. T.IA.Balaba. Uch.zap.2-go MGMI 17:97-111 '58.

Some measures against complications caused by an experimentally applied tourniquet. V.M.Kunko, G.M.Ivchenko. Uch.zap.2-go MGMI 17:219-224 '58.

COLD STORAGE

At the International Institute of Refrigeration; recommended conditions for the cold storage of perishable food stuffs. Khol.tekh. 37 no.3:53-60 My-Je '60.

Prospects for the uses of refrigeration in the canning and fruit and vegetable industries [with summary in English]. Khol.tekh. 37 no.3:1-4 My-Je '60.

COLD STORAGE WAREHOUSES
(see also subdivision under Kostroma, Sukhumi)

New system of refrigeration in cold storage warehouses [with summary in English]. I.Badyl'kes, Sh.Kobulashvili. Khol.tekh. 37 no.3:5-12 My-Je '60.

COLD WELDING

Friction welding of immovable parts by means of rotating a third body. V.I.Vill', E.S.Komarcheva. Avtom. svar. 13 no.6:23-27 Je '60.

COLIC

Abdominal syndrome in children. A.S.Levin. Vestsi AN BSSR.Ser.biial.nav. no.2:111-116 '60.

COLLAGEN DISEASES

Sjögren's syndrome ("dry syndrome") [with summary in English]. I.P Lerner, E.S.Brusilovskii. Vrach.delo no.6:583-587 Je '60.

COLLECTIVE FARMS
(see also subdivision under Berezovka District, Odessa Province, Chechen-Ingush A.S.S.R., Katta-Kurgan District, Kirghizistan, Lithuania; Mongolia; Noginsk District, Ukraine)

The assignment of land in perpetual use to collective farms, and the Communist Party's large-scale organizational work in the village, 1935-1937. V.I.Zlobin. Nauch.dokl.vys.shkoly;ist.nauki no.2:17-36 '60

Auditing collective farm income tax payments. V.Samoilov, V.Paevskii. Fin.SSSR 21 no.5:61-65 My '60.

Birches. Ivan Vlasichenko. Oktiabr' 37 no.6:196-200 Je '60.

Dem'ianenko, V.N. [Forms and methods of collective farm supervision by the district executive committee] Formy i metody rukovodstva kolkhozami so storony raiispolkoma. Otv.red. I.I.Evtikhiev. Moskva, Gos. izd-vo iurid.lit-ry, 1960. 91 p.

Kozlova, L.A. [Moscow communists in the struggle for the victory of the collective farm system, 1927-1933] Moskovskie kommunisty v bor'be za pobedu kolkhoznogo stroia, 1927-1933 gg. [Moskva] Mosk.rabochii, 1960. 104 p.

Kozyr', M.I., and N.I.Krasnov. [Legal problems in the further development of collective farms in the U.S.S.R.] Pravovye voprosy dal'neishego razvitiia kolkhoznogo stroia v SSSR. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 70 p.

New developments on an old collective farm. I.Tsikoto. Kommunist 37 no.13:54-62 Ag '60

Okhapkin, K.A. [Economic effectiveness of monetary wages on collective farms] Ekonomicheskaia effektivnost' denezhnoi oplaty truda v kolkhozakh. Moskva, Gosplanizdat, 1960. 317 p.

"Ordinary days on a collective farm" by Mikola Serhievich and "Our bright path" by Ihnat Dubrovskii. Reviewed by R.Nikalaeu. Belarus' 17 no.7:30-31 Jl '60

Our new developments. F.Dozhina. Sov.deput.trud. no.7:74 Jl '60.

Pamphlet series for applied economics students. G.Koszov, V.Fedinin. Polit.samoobr. 4 no.5:117-119 My '60.

Problems concerning the development of collective farm property in the period of large-scale building of communism. I.Volkov, P.Savchenko, N.Il'in. Vest. Mosk.un.Ser.8:Ekon.filos. 15 no.4:73-81 Jl-Ag '60.

Some problems concerning the disciplinary responsibility of collective farmers. M.Sakhipov. Izv.AN Kazakh. SSR.Ser.ekon.,filos.i prava no.1:3-10 '60.

Subsidiary private economy of collective farmers. D.Pravdin. Polit.samoobr. 4 no.5:87-90 My '60.

COLLECTIVE FARMS—ACCOUNTING
(see also subdivision under Orel Province)

Brief news. G.B.Dragunov and others. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:61-64 My '60

Groupings in production accounting. F.P.Tiunin. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:20 My '60

The institute has come to the aid of collective farms. V.P.Subbotin. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:[illegible] My '60

Lamykin, I.A. [Analysis of collective-farm economy; a brief course of lectures] Analiz khoziaistvennoi deiatel'nosti kolkhozov; kratkii kurs lektsii. Pod red. S.K.Tatura. [Moskva] Izd-vo Mosk.univ., 1960. 85 p.

We are training accountants for collective farms. N.B. Ukhanova, I.M.Sidorenko. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:54 My '60

We should improve business accounting on collective farms. M.Vitkovskii. Biul.agit.(Ukr.) no.10:38-40 Je '60.

A year's work of business accounting in the individual production units of a collective farm. R.I.Batkov. Uchet i fin.v kolkh.i sovkhoz. 17 no.6:33-35 My '60

COLLECTIVE FARMS—AUDITING AND INSPECTION see subdivision under Bryansk Province; Stavropol Territory

COLLECTIVE FARMS—FINANCE
(see also subdivision under Kuybyshev Province, Mordovia, Ukraine)

Akademiia nauk SSSR. Institut ekonomiki. [Development of collective-farm economy] Razvitie obshchestvennogo khoziaistva kolkhozov. Moskva, Gos.izd-vo sel'khoz. lit-ry, 1960. 204 p.

How to introduce business accounting in collective farm brigades and farms. G.Rusakov, I.Miliavskii, N.Khabarov. Ekon.sel'khoz. 31 no.6:91-97 Je '60.

On the method of calculating the gross production of collective farms. M.Palladina. Ekon.sel'khoz. 31 no.6: 101-103 Je '60

Undivided funds are our strength. V.S. and I.S.Gushchin. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:39-42 My '60

COLLECTIVE FARMS—INCOME DISTRIBUTION
(see also subdivision under Ural Mountain region)

Distribution of gross revenue and savings on collective farms. V.Tsakunov. Polit.samoobr. 4 no.6:129-136 Je '60

Economic nature of guaranteed monetary wages on collective farms. L.Evdokimova. Nauch.dokl.vys. shkoly;ekon.nauki no.2:64-70 '60.

Great incentive for the development of a collective farm. I.Romantsev. Part.zhizn' Kazakh. 30 no.7:54-57 Jl '60.

COLLECTIVE FARMS—INTERFARM COOPERATION

(see also subdivision under Kazakhstan)

Developing the combined enterprises of several collective farms. M.Guliaev. Polit.samoobr. 4 no.5:131-137 *My* '60.

Interfarm cooperation and the development of production relations. IU.M.Tolypin. Vest.Mosk.un.Ser.8 Ekon. filos. 15 no.4 8-22 Jl-Ag '60.

A well-equipped roofing-tile plant for every interfarm building organization P. Troshin Sil' bud 10 no 5 3-4 My '60.

COLLECTIVE FARMS—TECHNOLOGICAL INNOVATIONS

see subdivision under Zaporozh'ye Province

COLLEGE AND SCHOOL PERIODICALS

Beginning of a long conversation ... Vsem. stud. nov. 14 no. 3/4,33-34 Mr-Ap '60.

COLLIMATORS

Adjustment errors in using the autocollimation method for measuring angular distances in gear pairs of aeronautical instruments. V.A.Lichagin. Trudy MAI no.116 104-121 '59.

COLLISIONS (NUCLEAR PHYSICS)

Kinetic equation for rapidly varying processes [with summary in English]. V. P. Silin. Zhur. eksp. i teor. fiz. 38 no.6 1771-1777 Je '60.

Quantum analog of the collision integral for electrons in magnetic and electric fields [with summary in English] A. M. Kosevich, V. V Andreev Zhur eksp i teor fiz 38 no 3 882-888 Mr '60

Reduction of the relativistic integral of collisions to the *Boltzmann form N. A Chernikov Dokl AN SSSR 133* no 1 84-87 Jl '60

Singularities of some Feynman diagrams V A. Kolkunov, L. B Okun' A. P Rudik Zhur eksp i teor. fiz. 38 no 3 877-881 Mr '60.

Theory and calculations of collisions between slow electrons and atoms. V. D. Kamenetskii. Opt. i spektr. 9 no.1:111-113 Jl '60.

COLLOIDS

Dependence of the thermal, rheological, and electrical properties of colloidal, capillary-porous bodies upon the bonding form of moisture [with summary in English]. A. F. Migliachenko Inzh.-fiz. zhur. no. 2 25-30 F '60.

Determination of the charge sign of colloidal particles in coagulated systems by means of a pH-meter [with summary in English]. E. A. Levitskii. Koll. zhur. 22 no. 3:382-383 My-Je '60.

Effect of primary aliphatic alcohols on the sol - coagel transition temperature of aqueous sodium stearate solu*tions* [with summary in English]. A. I IUrzhenko, G. F. Storozh. Koll. zhur 22 no. 3:376-381 My-Je '60.

Extraction of colloidally dissolved, mixed heavy metal ferrocyanides *form their hydrosols by means of gelatin* foam [with summary in English]. L. D. Skrylev, S. G. Mokrushin. Koll zhur. 22 no 3:344-350 My-Je '60.

Kasatochkin, V. I., and A. G. Pasynskii. [Physical and colloid chemistry] Fizicheskaia i kolloidnaia khimiia. Moskva, Gos. izd-vo med. lit-ry, 1960. 290 p.

Role of colloids in the formation of quartz in pyrite deposits of the Central Urals [with summary in English, p. 313]. IU. A. Dolgov. Probl geokhim. no. 1:280-295 '59.

Theory of the corpuscular structure of xerogels. Part 1: Preparation of silica gels from large globules with different numbers of contacts, and investigation of the gels by the adsorption method [with summary in English]. A. V. Kiselev, T. A. Pogosian. Koll. zhur. 22 *no. 3:314-322 My-Je '60.*

COLLOIDS—THERMAL PROPERTIES

Experience in calculating the duration of cooling of colloids [with summary in English]. M. V. Lykov, S. M. Ripa. Inzh.-fiz. zhur. *no. 7:22-27 Jl '60.*

Hydrothermal properties of typical colloidal, capillary-porous bodies and their relation to the form of the bond of the absorbed moisture [with summary in English]. M. F. Kazanskii, A. N. Kulandina, P. P. Lutsik. Inzh.-fiz. zhur. no. 2:67-70 F '60.

COLON—INNERVATION

Innervation of the sigmoid in man. A. P. Amvros'ev. Trudy Inst. fiziol. AN BSSR 3:236-246 '59.

COLONIES

"Disintegration of the colonial system of imperialism" by *V. I. Volkovyns'kyi Reviewed by L. O* Leshchenko Ukr. ist. zhur. 4 no. 4:136-137 Jl-Ag '60

COLONIES—BIBLIOGRAPHY see Bibliography—Colonies

COLOR—STUDY AND TEACHING

Teaching color relations in painting. G. V. Beda. Trudy NPI 102:69-73 '59.

COLOR OF BIRDS

Changes in the color of Peking ducks resulting *from* the injection of isolated erythrocyte nuclei taken from ducks of a different species. A.A.Chilingarian, E.F.Pavlov. *Izv. AN* Arm.SSR.Biol.nauki 13 no.1:33-40 Ja '60.

COLOR PHOTOGRAPHY

Color printing. M. Likhtsinder. Sov. foto 20 no. 7:33 Jl '60.

Eliminating distortions in the inner masking of color multilayer films IU. B Vilenskii and others Zhur. nauch i prikl fot i kin 5 no 3 183-186 My-Je '60

Investigating the stability of active bleaching solutions used in the processes introduced by the Scientific Research Institute of Motion-Pictures and Photography. N. I. Kirillov, A. M. Voitsekhovskaia, N. E. Kirillova. Usp. nauch. fot 7 230-235 '60

Investigating the thermostatic aging of the color image on a multiple-layer film processed by various methods N. I Kirillov, A. M. Voitsekhovskaia, N. E. Kirillova. *Usp nauch fot 7·240-245 '60*

Photographic processing of colored photographic paper. A. N. Uspenskii. Geod. i kart. no. 6 53-56 Je *'60.*

Problem of the "final development" of a multiple-layer negative color film TS *S* Arnol'd. Usp nauch. fot 7·246-252 '60

COLOR PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Device for cutting transparent film strips for the reinforcement of color film filters. L. N. Peresidskii. Tekh. kino i telev. 4 *no. 7:70* Jl '60.

Device for cutting film strips used in color negative printing. L. N. Persidskii. Tekh. kino i telev. 4 no. 7.69-70 Jl '60.

COLOR PHOTOGRAPHY—FILMS see subdivision under Germany, East

COLOR PRINTING see subdivision under Sverdlovsk

COLOR SENSE

Colorimetric study of the properties of color vision in insects with the housefly as an example. G. A. Mazokhin-Porshniakov Biofizika 5 no. 3 295-303 '60.

Development of color sense in school-age children. K. V. Bardin. Dokl. APN no. 4:89-92 '59.

Dynamics of the boundaries of the field of vision of colored objects in epileptics. V. D. Mikhailova-Lukasheva. Trudy Inst. fiziol. AN BSSR 3 103-110 '59.

Experiments based on the "new theory of color." V. M. Zusmanovich. Tekh. kino i telev. 4 no. 6:57-59 Je '60.

Investigation of the sensory recollection of distinctive sensitivity to color in school children [with summary in English]. K. V Bardin. Vop. psikhol. 6 no 2:107-117 Mr-Ap '60.

Variations of dichromatic color vision. G. N. Rautian. Dokl AN SSSR 133 no 1 225-227 Jl '60

COLOR TELEVISION

Color on the TV screen V A Buldakov Nauka i zhizn' 27 no 5 84 My '60

Experiments based on the "new theory of color." V. M. Zusmanovich. Tekh. kino i telev. 4 no. 6:57-59 Je '60.

Using color transition for determining the parameters of color image transmission. Jiří Pazderak. Tekh. kino i telev. 4 no. 7:25-30 Jl '60.

COLORIMETRY

Colorimetric method as applicable to the analysis of metals and alloys. A. M. Dymov, L. Z. Kozel'. Sbor. Inst. stali no. 39·450-461 '60.

Electron photometer for colorimetric analysis. E. V. Vasilevskii, I G Grinman, V M Oshchenskii. Zav lab 26 no 5:630-632 '60

Method for the determination of cobalt in water. I. A. Mikhaliuk. Lab. delo 6 no. 3·26-27 My-Je '60.

Modification of the colorimetric determination of residual nitrogen in the blood. R. O. Shpits. Lab. delo 6 no. 3:57 My-Je '60.

COLORING MATTER

Coloring filmlike layers of asbestos-cement sheet products M. E. Naftulin and others. Stroi. mat 6 no 5: *24-25 My* '60.

COLORING MATTER IN FOOD

Preparation of green food color. N. Kovalev, T. Sheveleva. Obshchestv. pit. no. 6·36-37 Je '60.

COLORS, WORDS FOR

Names of colors in the Chukchi (Luoravetlani) language. F N Shemiakin Dokl APN no 1 55-57 '60.

COLUMBIA—HISTORY

"Columbian problems; studies and critical essays" [in *Spanish] by A. Quimbaya.* Reviewed by I. R. Grigulevich. Nov. i noveish. ist. no. 2:182-185 '60.

COLUMNS, CONCRETE

Securing the stability in assembling reinforced concrete columns on *socket footings. A. A. Bychkov.* Prom. stroi. 38 no. 7:54-57 '60.

Semiautomatic device for removing hoisting ropes from reinforced concrete columns. V. I. Tarasov. Prom. stroi. 38 no. 7:64 '60.

COMA

First aid for unconscious patients. V. E. Levi. Fel'd. i akush. 25 no. 5.23-28 *My '60.*

COMBINES (AGRICULTURAL MACHINERY)

[Tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no. 12 D '59.

COMBUSTION

Combustion of atomized liquid fuel in a turbulent air flow [with summary in English] I. K. Chekalin. Inzh.-fiz. zhur. no. 6.87-90 Je '60

Determination of the kinetic characteristics of surface reactions in the combustion of gases [with summary in English]. L. S. Solov'eva. Zhur. fiz. khim. 34 no. 6 1219-1225 Je '60.

Effect of active particles from combustion products on the speed of flame propagation in a turbulent flow. V. IA. Basevich, U. I. Devishev, S. M. Kogarko. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:130-141 My-Je '60.

Effect of particle size on the rate of burning of mixtures having $KClO_4$ as their main ingredient. N. N. Bakhman, A. F. Beliaev. Dokl AN SSSR 133 no. 4:866-868 *Ag* '60.

Methods for the experimental investigation of the total kinetics of gas combustion [with summary in English]. Z. S. Leont'eva. Inzh.-fiz. zhur. no. 2 12-16 F '60.

On the mechanism of gunpowder combustion. G. B. Manelis, A. G. Merzhanov, F. I. Dubovitskii. Dokl. AN SSSR 133 no. 2:399-400 Jl '60.

Rate of combustion of ozone-oxygen mixtures [with summary in English]. N. A. Slavinskaia and others. Zhur. fiz. khim. 34 no. 5.973-976 My '60.

Relaxation mechanism of the propagation of burning in heterogeneous exothermal systems. Part 2 [with summary in English]. Z. I. Fur. Zhur. fiz. khim. 34 no. 6:1299-1306 Je '60.

COMBUSTION, SPONTANEOUS

Using systems with large-scale caving for ores and enclosing rocks subject to spontaneous combustion. V. A. Sobko, V. N. Smirnov, N. I. Chesnokov. Gor. zhur. no. 7: 31-36 Jl '60.

COMBUSTION GASES

Determining the dew point of exhaust gases containing sulfuric anhydride. V. N. Timofeev, D. P. L'vov. TSvet. met. 33 no. 5.38-43 My '60.

COMIC, THE

Aesthetic category of the comic F. S. Limantov. Uch. zap. Ped. inst Gertsa 162 pt 2.20-73 '59

COMMANDMENTS, TEN

Commandments of the "Lord" and the life of man. A. Rogov. Nauka i rel. no. 7:56-60 Jl '60.

Do the biblical commandments teach good? P. F. Darmanskii. Nauka i zhizn' 27 no. 7:55-58 Jl '60.

COMMERCE

Bourgeois economists on "the trade conditions" of underdeveloped countries [with English summary in appendix]. A. Frumkin. Vnesh. torg. 30 no. 7:29-37 '60.

For a close contact between wholesale and retail trade G Levin Sov. torg. 33 no. 7.28 Jl '60.

COMMERCE—BIBLIOGRAPHY see Bibliography—Commerce

COMMERCE—DICTIONARIES

Izrailovich, E. E. [English-Russian general economic and foreign trade dictionary] Anglo-russkii obshcheekonomicheskii i vneshnetorgovyi slovar'. Izd. 2., stereotipnoe. Moskva, Vneshtorgizdat, 1960. 544 p.

COMMERCE—PROBLEMS, EXERCISES, ETC.

"Collection of problems on planning managerial operations in commerce" by V. V. Lobovikov. Reviewed by I. Katal'nikov. Sov. torg. 33 no. 6:64-65 Je '60.

COMMERCIAL *AGENTS*

Agreements on granting exclusive sales rights [with English summary in appendix]. *V. Pozdniakov. Vnesh. torg.* 30 no. 7:42-46 '60.

COMMERCIAL CORRESPONDENCE—TEXTBOOKS

"Let's write a report, children"; a satirical sketch. Vl. Fal'skii. Mol. komm. no. 7:90-93 Jl '60.

COMMERCIAL POLICY

The principle of nondiscrimination and the principle of the most favored nation in international economic relations [with English summary in appendix]. E. Usenko. Vnesh. torg. 30 no. 7:17-25 '60.

COMMERCIAL PRODUCTS—DICTIONARIES

Pugachev, I. A., ed. [Dictionary of commercial products] Tovarnyi slovar'. Chleny glav. red. D. A. Andrusevich i dr. Moskva, Gos. izd-vo torg. lit-ry. Vol. 7. Plavki—svekla. 1959. 1078 columns.

COMMERCIAL PRODUCTS—STANDARDS

Period of guaranty? No, reliability! IA. Sorin. *Ogonek* 38 no. 28:6 Jl '60.

COMMONWEALTH OF NATIONS

The British Commonwealth of Nations and its problems R Palme Dutt. Mezhdunar zhizn' 7 no. 8·39-51 *Ag* '60

COMMUNICABLE DISEASES

Bekin, K. V. [Principles and practices in the treatment of patients with infectious diseases, manual for physicians and students] Printsipy i praktika lecheniia infektsionnykh bol'nykh; posobie dlia vrachei i studentov. Moskva, Izd. 1-go Mosk. med. in-ta im. I. M. Sechenova, 1958. 111 p.
(DNLM)

Gromashevskii, L. V. [Mechanisms of the transmission of infection; theory of the mechanism of transmission of pathogens of communicable diseases and its importance in epidemiology] Mekhanizmy peredachi infektsii; uchenie o mekhanizme peredachi vozbuditelei infektsionnykh boleznei i ego znachenie v epidemiologii. Kiev, Gosmedizdat USSR, 1958. 331 p.
(DNLM)

Influence of malachite green on the growth of the causative agents of plague, pseudotuberlosis and some other microbes. G. P. Aparin. Izv. Irk gos. nauch. -issl. protivochum. inst 18.3-7 '58.

M [illegible]

diseases] Prirodnaia ochagovost' i epidemiologiia osobo opasnykh infektsionnykh zabolevanii; sbornik rabot mezhinstitutskoi nauchnoi konferentsii. Red. kollegiia. D. S. Savostin, B. K. Feniuk, V. N. Fedorov. Saratov, Gos. nauchno-issledovatel'skii in-t mikrobiologii i epidemiologii IUgo-Vostoka SSSR M-va zdravookhraneniia SSSR, 1959. 595 p.

Retreat of infections. V. Zhdanov. Nauka i zhizn' 27 no. 7,30-32 Jl '60

COMMUNICABLE DISEASES—PREVENTION

Increase efforts for reducing and eliminating infectious diseases in the Army and Navy. Voen. -med. zhur no.6' 7-10 Je '60.

COMMUNICABLE DISEASES IN ANIMALS

Arkhangel'skii, I. I., and N. V. Badanin. [Tables for the differential diagnosis of the most important infectious diseases of farm animals] Tablitsy differentsial'noi diagnostiki vazhneishikh zaraznykh zabolevanii sel'skokhoziaistvennykh zhivotnykh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 311 p.
(DA)

COMMUNICATION see subdivision under Belgium

COMMUNICATION AND TRAFFIC

[Communication in the land of socialism; a collection of materials on the development of the means of communication in the U. S. S. R.] Sviaz' strany sotsializma; sbornik materialov o razvitii sredstv sviazi v SSSR. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 189 p.
(NNC)

Second all-Union congress of workers in the fields of communication, automotive transportation, and highway engineering. Vest. sviazi 20 no. 6:1-5 Je '60.

COMMUNICATION AND TRAFFIC—INTERNATIONAL COOPERATION

Shibaeva, E. A. [International organizations in the field of transportation and communications] Mezhdunarodnye organizatsii v oblasti transporta i sviazi. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 105 p. (Mezhdunarodnye organizatsii)

COMMUNISM

(see also subdivision under Bavaria; Georgia; Great Britain; Uruguay; Vladimir Province)

The activities of workers' deputies of the State Duma. F. I. Kalinychev Vop. ist. KPSS 4 no. 4:175-178 '60.

Berri, L. IA., and A. S. Tolkachev. [Economic and technical foundation of communism] Material'no-tekhnicheskaia baza kommunizma. Moskva, Gos. izd-vo polit lit-ry, 1960. 97 p.

Bobkov, K. I. [Basic features of the transition period from capitalism to communism; a lecture on the course in economics] Osnovnye cherty perekhodnogo perioda ot kapitalizma k sotsializmu; lektsiia po kursu politicheskoi ekonomii. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 63 p. (Lektsii po politicheskoi ekonomii)

Brief notes. Vop. ist. KPSS 4 no. 4:231-233 '60.

Carrying out Lenin's decree on workers' control in Kazakhstan industry. P. I. Tugov. Vest. AN Kazakh. SSR 16 no.4 57-66 Ap '60.

Cherniak, E. B. [Bourgeois historiography on the labor movement] Burzhuaznaia istoriografiia rabochego dvizheniia; kriticheskii ocherk. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 197 p.

Chesnokov, D. I. [From the state to self-government] Ot gosudarstvennosti k obshchestvennomu samoupravleniiu. Moskva, Gos. izd-vo polit. lit-ry, 1960. 45 p. (Bibliotechka znanii o kommunizme)

Communism triumphs. G. Kozlov. Prop. i agit. 41 no. 9: 25-31 My '60.

Creative nature of Marxism in the light of Lenin's legacy. L. A. Abramian. Izv. AN Arm. SSR. Obshchestv. nauki no. 4:3-14 Ap '60.

False alarm. L. S. Nov. vrem. 18 no. 28:20 Jl '60.

Fidelity to Marxism-Leninism. E. Kuskov. Agitator no 14 9-11 Jl '60.

The future belongs to communism ("The history of three Internationals" by William Z. Foster Reviewed by I. I. Kul'kov, K S. Trofimov) Vop ist KPSS 4 no 4 195-201 '60.

Gaidukov, IU. G. [Unity of theory and practice] Edinstvo teorii i praktiki. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2., Filosofiia, no. 21)

Great results and majestic prospects. S. Titarenko. Prop. i agit. 41 no. 8·19-25 Ap '60.

International communist and labor movement after the Second World War. Z. A. Zamyslova. Nov. i noveish. ist. no. 2·133-147 '60.

Lenin's writings on the democratic character of the dictatorship of the proletariat. F M Burlatskii. Vop. ist KPSS 4 no 1:162-174 '60.

The main link in the chain of historical development. E Baller. Otv na vop. trud. no. 115·17-26 '60.

Mal'tsev, V. I. [The struggle in the U. S. S. R. against mechanism] Bor'ba v SSSR protiv mekhanitsizma. [Moskva] Izd-vo Mosk. univ., 1959. 23 p.

Material and moral stimuli of socialist industry. O IUrovitskii Kommunist 37 no. 12 21-35 Ag '60.

New facts concerning the history of the Communist Manifesto. E. P. Kandel'. Nov. i noveish. ist. no. 2:117-126 '60.

[Origin of the labor movement and dissemination of Marxism in Russia, 1883-1894] Nachalo rabochego dvizheniia i rasprostranenie marksizma v Rossii, 1883-1894 gody; dokumenty i materialy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 370 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

Our goal is communism. E. Strukov. Otv. na vop. trud. no. 114 10-17 '60.

Our time and the creative development of Marxism Leninism A Butenko, V Pchelin Kommunist 37 no 12 6-20 Ag '60

Pomelov, I. P. [Complete and decisive victory of socialism in the U. S. S. R.] O polnoi i okonchatel'noi pobede sotsializma v SSSR. Moskva, Gos Izd-vo polit. lit-ry, 1959. 54 p. (Bibliotechka agitatora, no. 4)

Results of a discussion. A. I. Verbin, F. K. Kochetkov, D. I. Koshelevskii. Vop. filos. 14 no. 7:167-170 '60.

The role of Lenin in the international labor movement. Wilhelm Pieck. Nov. i noveish. ist. no. 2:6-18 '60.

Rozhin, V. P. [The nature of communism] Chto takoe kommunizm. [Leningrad] Lenizdat, 1959. 61 p.

Session devoted to the 90th anniversary of the birth of V. I. Lenin. M. I. Bakanidze. Vest. AN Kazakh. SSR 16 no. 5·95-96 My '60.

Slavin, L. M. [V. I. Lenin on social progress] V. I. Lenin ob obshchestvennom progresse. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Ser. 2, Filosofiia, no. 19)

Socialist principle of material interest. I. M. Nikanorau Vestsi AN BSSR. Ser. hram. nav no. 2,41-54 '60

Triumph of the ideas of the great Lenin. S. B. Baishev. Vest. AN Kazakh. SSR 16 no. 4·3-15 Ap '60.

V. I. Lenin on the concrete approach to social phenomena. Zh. Abdil'din. Vest. AN Kazakh. SSR 16 no. 4·36-44 Ap '60.

V. I. Lenin on the development of communist shoots. G. E Glezerman Vop. ist. KPSS 4 no. 4,37-50 '60.

V. I. Lenin on the international significance of the experience of the CPSU and the Soviet state. IU. Borisov. Otv. na vop. trud. no. 113:3-9 '60.

V. I. Lenin on the rise and development of world socialist system. V. Nazarov. Nauch. dokl. vys. shkoly; ekon. nauki no. 2;15-24 '60.

V. I. Lenin on the role of the people and the socialist state in the development of communism. M. G. Masevich. Vest. AN Kazakh. SSR 16 no. 4;23-29 Ap '60.

V. I. Lenin's struggle for the strengthening and consolidation of the international proletarian revolutionary forces. I. S. Galkin. Nov. i noveish. ist. no. 2;19-35 '60.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND RELIGION

(see also subdivision under United States)

Political role of the Moscow Patriarchate. N. A. Teodorovich. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 17· 28-53 Jl '60.

COMMUNIST COUNTRIES—CONSTITUTIONAL LAW

Akademiia nauk SSSR. Institut prava. [Constitutional law in the people's democracies] Voprosy gosudarstva i prava stran narodnoi demokratii, sbornik statei. Pod obshchei red. V. F. Kotoka i N. P. Farberova. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 255 p.

Forms of the socialist state. I. P. Il'inskii. Uch. zap. Kaf. gos. prava IMO no. 1:5-27 '60.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Moscow. Nauchno-issledovatel'skii kon"iunkturnyi institut. [Economic development in the people's democracies; review for 1958] Razvitie ekonomiki stran narodnoi demokratii; obzor za 1958 g. Pod red. M. I. Sladkovskogo i dr. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1959. 358 p.

We are united in our march toward communism. A. IAnin. Otv na vop. trud no 116 20-27 '60

COMMUNIST COUNTRIES—POLITICS AND GOVERNMENT

Why do some people's democracies have a multiparty system. M. Manasov. Otv. na vop. trud. no 112:33-40 '60.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH EAST GERMANY

"Friendship week." Vest. Mosk. un. Ser. 8·Ekon. filos. 15 no. 4 85-86 Jl-Ag '60.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH RUSSIA

Our great goal unites us. Nauka i zhyttia 10 no. 5:1 My '60.

COMMUNIST COUNTRIES—RELATIONS (GENERAL) WITH UKRAINE

Fraternal cooperation. IU. IEhorov. Nauka i zhyttia 10 no 5 40-42 My '60.

COMMUNIST EDUCATION

(see also subdivision under Semipalatinsk; Shchekino; Tambov Province, Vladimir Province)

Collected articles on communist education ("The communist education of workers in the period of large-scale building of communism, abridged reports and papers delivered at the interuniversity conference in Odessa, May 25-27, 1960." Reviewed by S Mozentsev) Kommunist 37 no. 12 118-120 Ag '60.

Corrections and suggestions. A. Tokarev. Polit. samoobr. 1 no. 7;82-85 Jl '60.

Educating the people is a very difficult, creative, and many sided affair. B. Sazanov Sov profsoiuzy 16 no 9 44-46 My '60

Fliers are studying Marxism and Leninism. G. V. Kiselev. Vest. Vozd. Fl. no. 6·9-12 Je '60.

For the successful conclusion of the school year in party schools. Polit. samoobr. 1 no. 5:90-94 My '60.

Forming high moral, political and fighting qualities in Soviet soldiers. I. Kalladin. Prop i agit. 41 no. 9: 32-37 My '60.

Ideological and political training of students in classes on the Constitution of the U. S. S. R. E. I. Malkin, A. T. Sokolov. Obshcheobr. shkola vzrosl. no. 1;40-43 Ja-F '60.

Inculcating the communist attitude toward work in an industrial training brigade I. G. Tkachenko Sov. pedag. 24 no 5 45-49 My '60

Inter-institutional conference on the topic of the education of the working class during the building of communism. I G. Leonov, L A. Miagchilov. Vop. ist. KPSS 4 no. 4: 224-225 '60

Lenin's "Pages from a diary" and party work among teaching staffs, 1923-1924. V. S. Shtoinbuk. Nauch. dokl vys. shkoly, ist. nauki no. 2 15-26 '60.

Moscow. Akademiia obshchestvennykh nauk. Kafedra filosofii. [Problems of communist education] Problemy kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 218 p.

Program of communist education. Voen. -med. zhur. no. 5:3-6 My '60.

Theoretical conference at the Sergo Ordzhonikidze Machinery Plant. A. Titarenko. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4:71-73 Jl-Ag '60.

There are good prospects for their work; they should realize their plans. Z. Apresian, A. Mel'nikov. Mol. komm. no. 7 75-81 Jl '60.

There should be two programs. P. Vasil'ev, A. Rumiantsev. Polit. samoobr. 4 no. 7:95-99 Jl '60.

V. I. Lenin on the cultural revolution in the U. S. S. R. G. L. Furmanov. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4;36-50 Jl-Ag '60.

V. I. Lenin on the inculcation of a communist attitude toward work. E. I. Monoszon. Sov. pedag. 24 no. 4: 55-65 Ap '60.

COMMUNIST EDUCATION—BIBLIOGRAPHY see Bibliography—Communist education

COMMUNIST EDUCATION—CURRICULA

[Recommended study plans for the Communist Youth League schools of political education; the 1959-1960 school year] Prymirni navchal'ni plany systemy komsomol's'koi-politychnoi osvity, 1959-1960 navchal'nyi rik. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1959. 33 p.

COMMUNIST ETHICS

[Communist ethics and military duty; list of articles] Kommunisticheskaia moral' i voinskii dolg; sbornik statei. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 189 p.

The nature of contradictions relating to the surviving traces of capitalism in the conscience of the Soviet people. B. G. Dolgodilin. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4:51-62 Jl-Ag '60.

Protopopov, B. S. [Eyesore] Bel'mo na glazu. [Moskva] Izd-vo VTsSPS, Profizdat, 1960. 93 p. (Massovaia biblioteka rabochego)

Rules of a competition for a popular book on the basic principles of communist ethics. Polit. samoobr. 4 no 6:143-144 Je '60.

COMMUNIST PARTIES

An ideological weapon of Marxist-Leninist parties. N. Matkovskii. Polit. samoobr. 4 no. 6:10-21 Je '60

COMMUNIST PARTY see subdivision under Denmark, Germany, Great Britain, Italy, Japan, Poland, Portugal, Rumania, Transcarpathia, United States

COMMUNIST PARTY—PERIODICALS see subdivision under Germany, East

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Magnitogorsk, Orenburg Province)

Agafonova, N.D. [It is essential to know how to approach people] Glavnoe - umelyi podkhod k liudiam. [Leningrad] Lenizdat, 1960. 58 p. (Iz opyta sel'skikh agitatorov)

Annotations Vop ist KPSS 4 no 4 205-208 '60

Brief notes Vop ist KPSS 4 no 4 231-233 '60

A conference of party archive workers of White Russia; the Baltic and northwestern regions. V.V.Zueva, Z.N.Nikanorova. Ist.arkh. 6 no.3 215-219 My-Je '60.

The defeat of the rightist trend in the Russian Communist Party (Bolshevik), 1928-1930 F M Vaganov Vop ist KPSS 4 no 4 62-80 '60

Experience in teaching the history of the CPSU H V Larin I V Shul'ha Ukr ist zhur 4 no 4 87-91 Jl-Ag '60

Historic experience of the CPSU in the service of communist construction B.N Ponomarev Vop ist KPSS 4 no 4·11-36 '60

[The most militant and active cell] Samoe boevoe i operativnoe zveno. [Leningrad] Lenizdat, 1959. 33 p. (Bibliotechka sekretaria partiinoi organizatsii)

Organizational role of Communists should be in accordance with the needs of the party V A. Lipatov Vest. Vozd. Fl. no 2 8-11 F '60.

Together with party organizations V Isakov Okhr truda i sots strakh 3 no 6 19-21 Je '60

The 21st Congress of the CPSU as the embodiment of Lenin's plan of the building of communism TS S. Harbunou Vestsi AN BSSR Ser hram nav no 2 5-12 '60

Unity between the party and the people V.S Shamin Uch zap Kaf filos RPI no 2 3-16 '59

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

The Bolshevik economic program at the Sixth Party Congress. V.L.Apterman. Sbor.st.LITMO no.40·179-204 '58.

IAkushkin, IA.S. [The 21st Congress of the CPSU on the Transition From Socialism to Communism] XXI s"ezd KPSS o perekhode ot sotsializma k kommunizmu. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr.otd-nie, 1960. 47 p.

On the path to communism. Vest.stat. no.7·3-8 '60.

Toward new victories of the Soviet economy. Vop.ekon. no 8 23-31 Ag '60.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Important sector of interparty work. Kh.Bakaulov. Part zhizn' Kazakh. 30 no.7 16-21 Jl '60.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Alma-Ata Province, Brody District, Chernigov Province, Dzhambul; Georgiyevskiy District, Gur'yev, Kalinin Province, Kazakhstan, Kirghizistan, Krasnoyarsk, Krasnoyarsk Territory, Krivoye Ozero District; Kuybyshev, Leningrad, Makeyevka, Mishkino District, Moscow, Orenburg Province, Ruzayevka District, Transcaucasia, Turkestan, Ukraine; Zelenovskiy District)

Actions and thoughts of Communists at headquarters. P.Sokirnik. Prop.i agit. 41 no.8 41 Ap '60.

Agafonova, N.D. [It is essential to know how to approach people] Glavnoe - umelyi podkhod k liudiam. [Leningrad] Lenizdat, 1960. 58 p. (Iz opyta sel'skikh agitatorov)

All-army conference of the secretaries of primary party organizations. Prop.i agit. 41 no.8·1-6 Ap '60.

Animated talks are more effective than lectures. A.Bubyr'. Agitator no.14 59 Jl '60.

Ardent words and exemplary work A Oliinyk Blok agit [Ukr] no 14 16-23 My '60

The assignment of land in perpetual use to collective farms, and the Communist Party's large-scale organizational work in the village, 1935-1937 V I Zlobin Nauch dokl vys shkoly,ist nauki no 2 27-36 '60.

"At the forefront", pamphlet series for propagandists published in Odessa V Samoilov Blok agit [Ukr] no 13 9-15 My '60

Brief news. Agitator no.10:63-64 My '60.

Brief news. Agitator no.14 63-64 Jl '60.

The call of life; a sketch. M.Mukhtasipov. Agitator no.14 52-54 Jl '60.

Comments of the creators of progressive practice ("Party organizations of detachments and ships." Reviewed by A.Mal'kov). Prop.i agit. 41 no.8:58-61 Ap '60.

The communist as an active propagandist of the ideas of his party. Prop.i agit. 41 no.9 1-5 My '60.

Devotion to ideology is the basis of party life. A.Shishova. Prop.i agit. 41 no.8·35-38 Ap '60.

Dmitriev, A.M. [Practical implementation of the Leninist rules of party work] Leninskie normy partiinoi zhizni v deistvii. [Leningrad] Lenizdat, 1960. 68 p.

Establishment of party committees in the larger party organizations of logging camps and rafting enterprises. Part.zhizn' no.14·32 Jl '60.

Features of the new. S.Zarechin. Prop.i agit. 41 no.9 39-42 My '60.

For a higher standard of ideology and theory in political lectures V Kortunov, G Smirnov Polit samoobr 4 no 6 80-87 Je '60

A group of lecturers aboard a ship. I.Sal'nik. Agitator no.14 58 Jl '60.

How our activists participate in the work of the highest organs of the party V Gorin Kommunist 37 no.12 43-52 Ag '60

How to use the economics textbook in propaganda talks M Il'nyts'kyi Blok agit [Ukr] no 13 16-23 My '60.

How we can better organize our work in residential blocks. Agitator no 10:46-49 My '60.

Ideological work should contribute to the solution of present-day problems. Nauka i zhyttia 10 no 5 2-3 My '60.

An important aspect of party life. K.Garashchenko. Prop.i agit. 41 no.9:38-39 My '60.

In close contact with life A.Nasekan Blok agit [Ukr] no 18 8-14 Je '60

Koniukhovskii, V.N., and N.M.Ovsiannikov. [The 21st Congress of the CPSU on the political objectives of the party during the carrying out of the seven-year plan] XXI s"ezd KPSS o politicheskikh zadachakh partii v period osushchestvleniia semiletnego plana. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.I, Istoriia, no.23)

The leading force. IU.Kovalev. Prop.i agit. 41 no.9: 42-43 My '60.

Let's improve our scientific and technological propaganda. Polit.samoobr. 4 no.7·3-8 Jl '60.

Let's reach every soldier. D.Zinkovich. Prop.i agit. 41 no.8:38-39 Ap '60.

"Manual for the secretaries of party organizations." Reviewed by B.Kudriavtsev. Part.zhizn' Kazakh. 30 no.7·77-78 Jl '60.

Mass political work among stockbreeders. A.Ismagulov. Part.zhizn' Kazakh. 30 no.5:11-14 My '60.

More attention to the work of temporary instructors of party committees. M.Efremov. Part.zhizn' no.14:8-15 Jl '60.

Needed publications B.Zhuchkov Novyi mir 36 no 6 269-271 Je '60

New methods of mass political work. Blok agit.[Ukr] no 16 10-14 Je '60

New methods of mass political work. Blok agit [Ukr] no 18 15-18 Je '60

Obligations must be carried out. F.Seleznev. Part.zhizn' no.14:37-44 Jl '60.

Party archives help our propagandists. V.Eropkin. Part.zhizn' no.14·61 Jl '60.

Party news. Part.zhizn' no.14:70-80 Jl '60.

Party organizations and political science classes. P.Karpov. Prop.i agit. 41 no.8:42-45 Ap '60.

Pidzharyi, F.D. [How the Communist Party of the Ukraine struggled for the victory of the collective farm system] Komunistychna partiia Ukrainy v borot'by za peremohu kolhospnoho ladu. Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1960. 100 p.

The political sections of machine-tractor stations during the Great Patriotic War, November, 1941 - May, 1943. V.IA.Ashanin. Vop.ist KPSS 4 no.4 51-61 '60.

Sokolov, A.A. [Stimulating words] Zhivoe slovo. Moskva, Gos.izd-vo polit.lit-ry, 1960. 47 p. (Voprosy partiinogo stroitel'stva)

The struggle of the party for the reconstruction and development of the socialist economy in the postwar period, 1945-1953 V.Kapskii. Prop.i agit. 41 no.9,54-62 My '60.

Textbook on the art of political propaganda. Polit. samoobr. 4 no.5:112-114 My '60.

Uksusov, D.I. [Permanent propaganda centers] Postoianno deistvuiushchii agitpunkt. Moskva, Gos.izd-vo polit. lit-ry, 1960. 39 p. (Bibliotechka agitatora)

Unexploited potentialities. A.Gorich. Polit.samoobr. 4 no.5 115-116 My '60.

We should combine organizational and ideological work. P.Demichev. Polit.samoobr 4 no 5:94-104 My '60.

We shouldn't reduce our propaganda work in summer. Part.zhizn' no.14:35-36 Jl '60.

Work of a propaganda ship during the fishing season. M.Mahuta. Agitator no.14:57 Jl '60.

You ought to know your audience. V.Shabalov. Agitator no.14.57-58 Jl '60.

COMMUNIST PARTY OF THE SOVIET UNION—PERIODICALS

Methodological council of our periodical. Polit.samoobr. 4 no.5.115 My 60

COMMUNIST REVISIONISM

"Against revisionism"; collected articles on the struggle of the communist parties against present-day revisionism [in Czech]. Reviewed by E.V.Osipova. Vop.filos. 14 no.7:150-152 '60.

Akademiia khudozhestv SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. [Against revisionism in aesthetics] Protiv revizionizma v estetike. Moskva, 1960. 147 p.

A book that unmasks revisionism ("Critical evaluation of present-day bourgeois and revisionist economic theories." Reviewed by O.N.Holoborod'ko). Nauka i zhyttia 10 no.7 61-62 Jl '60.

Bregel', E.IA. [Revisionist and reformist trends in the theory of impoverishment] Revizionizm i reformizm v teorii obnishchaniia. Moskva, Gos.izd-vo polit. lit-ry, 1960. 206 p.

Gershkovich, Z.I. [Creative Marxism and the barren flowers of revisionism, against revisionist trends in philosophy and aesthetics] Tvorcheskii marksizm i pustotsvety revizionizma; protiv revizionizma v filosofii i estetike. Sbornik statei. [Leningrad] Lenizdat, 1960. 234 p.

An ideological weapon of Marxist-Leninist parties N Matkovskii. Polit samoobr. 4 no 6 10-21 Je '60

On the revisionist theories of "combining" bourgeois and Marxist economics. I.Dvorkin. Vop.ekon no.8:78-88 Ag '60.

COMMUNIST YOUTH LEAGUE
(see also subdivision under Armenia, Bashkiria; Kaliningrad; Kazakhstan; Lipetsk, Noril'sk; Penza Province, Pinsk District, Pskov Province; Salavat; Sevastopol, Ukraine)

At the call of the party, at the command of young hearts. Komsom.zhizn' no.10 1-6 My '60.

Carry out the decisions of the Sixth Plenum of the Central Committee of the Communist Youth League. O.M.Ivanova. Obshcheobr.shkola vzrosl. no.1:6-12 Ja-F '60.

Communist Youth League is the patron of the welding industry. G.A.Maslov. Svar.proizv. no.8.10 Ag '60.

From all parts of the country. Komsom.zhizn' no.13·12-13 Jl '60.

[Guide of an activist member of the Communist Youth League; notebook] Sputnik komsomol'skogo aktivista; zapisnaia knizhka. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1960. 334 p.

Holiday of joyful youth. L.Karpinskii. Agitator no.10: 19-23 My '60.

In the struggle for technological progress A Vezirov Mol.komm no 7,3-11 Jl '60

Initiative of Communist Youth Leaguers of Azerbaijan and Moscow Avt.transp 38 no 7 4 Jl '60

A meeting of the Council on Methods of the Central Party Archives. I.V.Kuteinikov. Ist.arkh. 6 no.3·219-220 My-Je '60.

Members of the Communist Youth League rank first. L.Anisimov. Za bezop.dvizh. no.6:3 Je '60.

Password: Youth! S.Savel'ev. Ogonek 38 no.33:10-21 Ag '60.

Propaganda centers in homes. V.Kiselev. Komsom. zhizn' no.11·22-25 Je '60.

With consideration for the demands of life. N.Proshunin. Komsom.zhizn' no.10,21-27 My '60.

COMMUNITY AND SCHOOL

N.K.Krupskaia on the participation of workers in the development of public education. I.V.Chuvashov. Sov. pedag. 24 no.4:78-90 Ap '60.

"Strange" people. O.Chkalova Sem'ia i shkola 15 no 5·17-18 My '60

COMMUNITY CENTERS
(see also subdivision under Brody District; Chernigov Province; L'yalovo, Mukachevo District, Rava Russkaya District, Sakhalin; Stalino)

Examinations? No! - Talks about the beautiful. S.Vidri. Klub 9 no.5:18-19 My '60.

In the Tiflis school for community center employees. V.M.Gurgenidze. Sred.spets.obr. 7 no.6:36-40 Je '60.

Teach and train in close contact with life. K.I.Cherevik. Sred.spets.obr. 7 no.6·36-38 Je '60.

COMMUTATION (ELECTRICITY)

Study of the electric processes in the closing commutation phase of a brush contact. V.A.Faleev. Izv.vys. ucheb.zav.; elektromekh. 3 no.5:73-79 '60.

COMMUTING see subdivision under Kuznetsk Basin

COMPLEMENT FIXATION

Diagnosis of schizophrenia by means of the complement fixation reaction. M.L.Averbukh and others. Lab. delo 6 no.3·6-10 My-Je '60.

Method for the complement fixation reaction by means of serum and tissue (animal) antigens in Botkin's disease V P Sidenko Zdravookhranenie 3 no 2 23-26 Mr-Ap '60.

COMPLEX COMPOUNDS

Complex formation in a quaternary system of lithium, sodium, and potassium chlorides and sulfates. L.K. Akopov, A.G.Bergman. Zhur.neorg.khim. 5 no.6. 1257-1266 Je '60.

Determination of stability constants in stage complexing [with summary in English]. N.P.Komar'. Zhur.anal. khim. 15 no.3:260-263 My-Je '60.

Electronic structure of the ferricinium cation and of other aromatic complexes of metals E M.Shustorovich. M E Diatkina Dokl AN SSSR 133 no 1 141-143 Jl '60

COMPLEX COMPOUNDS (Continued)

Inner complex compounds as contact insecticides. A.P. Terent'ev and others. Zhur.ob.khim. 30 no.7:2422-2427 Jl '60.

Mechanism of the reduction of individual complexes in the presence of excess additive. G.S.Ginzburg, P.A. Maksimiuk. Zhur.prikl.khim. 33 no.5:1211-1214 My '60.

Use of the saturation curve in determining the characteristics of complex compounds. L.P.Adamovich. Zhur.neorg.khim. 5 no.4:782-790 Ap '60.

COMPLEX COMPOUNDS—ELECTRIC PROPERTIES

Electric properties of inner complex compounds. O.A. Osipov, V.M.Artemova. Dokl.AN SSSR 133 no.1:166-169 Jl '60.

COMPLEX IONS

Stereospecific effects in complex ions. E.J.Corey, J.C. Bailar. Usp.khim. 29 no.7:913-930 Jl '60.

COMPLICATED LABOR see Labor, Complicated

COMPOSITION (MUSIC)

Unsolved problems in developing the music theories of young composers. S.Skrebkov. Sov.muz. 24 no.6:88-91 Je '60.

COMPOSITION (PHOTOGRAPHY)

Composition of a group portrait. A.IAr-Kravchenko. Sov.foto 20 no.7:24 Jl '60.

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Assembling a 100 m³ compressor in 10 days. V.P. Komarov. Mont.i spets.rab.v stroi. 22 no.7:16-18 Jl '60.

Improvement of BT compressor pistons. B.A.Kolosov. Elek.i tepl.tiaga 4 no.5:37 My '60.

Increasing the capacity of hermetically sealed refrigerator compressors [with summary in English]. I.I.Il'in. Khol.tekh. 37 no.3:10-21 My-Je '60.

Investigating nozzle models of centrifugal compressors [with summary in English, p.3]. A.N.Sherstiuk and others. Teploenergetika 7 no.7:56-59 Jl '60.

Methods and characteristics of determining the economic efficiency of using new compressor types in various transportation traction units. A.M.Shapovalenko. Izv.vys.ucheb.zav.; mashinostr. no.6:107-110 '60.

Performance testing of hermetically sealed compressor units operating on Freon 12 and Freon 22 [with summary in English]. V.IAkobson. Khol.tekh. 37 no.3:15-19 My-Je '60.

CONCENTRATION see Attention

CONCENTRATION CAMPS see subdivision under Poland

CONCEPTION—PREVENTION

First All-Union Research and Practice Conference on Contraception. I.I.Pobedinov. [illegible] 40 no.5:104-107 S-O '59.

Letter to the editor. P.V.Manenkov. [illegible] 40 no.5:127 S-O '59.

CONCERTS

(see also subdivision under Latin America, Leningrad, Leninsk, Moscow, Paris)

Concerts in cities. Sov.muz. 24 no.6:155-156 Je '60.

CONCRETE

(see also subdivision under Georgia)

Heavy aerated concrete. A.Rozanov. Znan.sila 35 no.6:20-23 Je '60.

Effectiveness of slag-pumice concretes. A.I.Semenov. Sbor.trud.IUZhNII no.1:70-98 '60.

Effect of the velocity of underground waters on the destruction of concrete structures and cast iron tubings. V.F.Shilov. Biul.MOIP.Otd.geol. 35 no.1:124 Ja-F '60.

Modern machinery for making mortars and concretes in the German Federal Republic. M.A.Titov. Stroi.i dor. mashinostr. 5 no.7:37-39 Jl '60.

[illegible] for soil concrete. [illegible] Mekh.stroi. 17 no.5:19-23 My '60.

Polymer cement concretes, their properties and use. [illegible] V.M.Kalashnikova. Stroi.mat. 6 no.5:[illegible] My '60.

Prestressed [illegible] type concrete and its use in construction. A.M.Shchepetov, G.A.Isaakovich. Stroi.mat. 6 no.5:[illegible] My '60.

Quality of centrifuged concrete as a function of drum [illegible]. [illegible] Trudy NIIMSKH no.11:96-100 '59.

Single method for proportioning concrete mixes. Stroitel' no.6:23 Je '60.

[illegible] of concrete mixes in vertical molds. [illegible] Mekh.stroi. 17 no.5:[illegible] My '60.

Vibroactivation of fine concretes. E.V.Chuprunenko, K.A.Glekhovich, K.I.Marchenko. Bet.i zhel.-bet. no.6:279-280 Je '60.

CONCRETE—BIBLIOGRAPHY see Bibliography—Concrete

CONCRETE—CORROSION

Combined effect of mechanical wear and aggression on plain and waterproof concrete brick. M.I.Khigerovich, L.P.Orentlikher. Izv.vys.ucheb.zav.; stroi.i arkhit. no.2:20-24 '60.

CONCRETE—CURING

How to prevent explosions during the steam curing of concrete reactors. S.B.Nesterneva. Elek.i tepl.tiaga 4 no.3:20 Mr '60.

CONCRETE—TESTING

Calibrating hammers for testing the strength of concrete products. K.Kudzhonov. Stroi.i arkhit.Mosk. 9 no.5:20-22 My '60.

CONCRETE, VIBRATED see Vibrated concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

(see also subdivision under Bukhtarma Hydroelectric Power Station)

Anchoring concrete construction elements. A.P.Timofeev. Gidr.stroi. 30 no.7:11-17 Jl '60.

Mobile wooden and metal casings for concreting silos. S.G.Shelkovnikov. Prom.stroi. 38 no.6:13-16 '60.

Results of investigating sectional concreting methods on the experimental polygon of the Kakhovka Hydroelectric Power Station. L.P.Kartelev, S.I.Zubovich. Izv.VNIIG 59:164-175 '58.

Thermal conditions of a solid concrete dam during its construction. G.I.Chilingarishvili. Gidr.stroi. 30 no.7:20-23 Jl '60.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Construction made of "cold" concrete. P.S.Lositskov, V.N.Likhin. Put' i put.khoz. 4 no.4:38-40 Ap '60.

Winter concreting practices in the construction area of the Bratsk Hydroelectric Power Station. G.I.Got-[illegible]. Gidr.stroi. 30 no.7:1-[illegible] Jl '60.

CONCRETE CONSTRUCTION—FORMWORK

Concrete molds. N.Rychagov. Stroitel' no.6:19,33 Je '60.

Machine for cleaning and lubricating metal molds. IA.A. Brodskii. Bet.i zhel.-bet. no.7:322-[illegible] Jl '60.

Making precast reinforced concrete elements in removable molds. M.I.Bondarchenko. Prom.stroi. 38 no.6:47-50 '60.

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING

Pile foundation of apartment houses. A.N.Prudentov. Stroi.i arkhit.Len. 22 no.7:21-[illegible] '60.

Pile foundations of large-panel apartment houses. Osn., fund.i mekh.grun. 2 no.4:1-2 '60.

Some problems in determining the bearing capacity of piles. IU.G.Trofimenkov, A.A.[illegible]. Osn., fund.i mekh.grun. 2 no.4:[illegible] '60.

Test results and utilization of pile foundations of contact-network poles. M.I.Ryss. Transp.stroi. 10 no.6:37 Je '60.

CONCRETE PRODUCTS

Using vibroactivation in making reinforced concrete products. V.M.Lipovskii. Stroi.i arkhit.Len. 22 no.7:25-26 '60.

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SEWERS see Sewers, Concrete

CONCRETE SLABS

(see also subdivision under Ukraine)

Apartment house section built of large panels cast in molds. B.Rubin, IA.Gel'fman. Stroi.i arkhit.Mosk. 9 no.5:17-19 My '60.

Apartment houses built of vibrorolled panels. A.Vasil'ev, [illegible]. Zhil.stroi. no.[illegible] Jl '60.

Autoclave-hardened mesh-reinforced flat concrete slabs. F.S.Silaenkov, R.A.Zorin. Stroi.i arkhit.Len. 22 no.7:28 '60.

Designing thin reinforced concrete slabs taking into account the creep of concrete. V.I.Samul'. Sbor. nauch.trud.LISI no.30:41-58 '59.

Experimental thin-walled panel apartment houses at the "[illegible]" Combine. [illegible] Trudy [illegible] no.45:[illegible] '59.

Fire resistance of hollow flooring slabs made of reinforced concrete. A.IAkovlev, V.Ryzhov, V.Fedorenko. Pozh.delo 6 no.7:12-14 Jl '60.

Increase the operational efficiency of concreting combines. I.D.Marenko. Bet.i zhel.-bet. no.6:254-257 Je '60.

Industrial methods for making construction elements in vertical NIISI molds. G.A.[illegible]. Stroi.i dor. mashinostr. 5 no.6:[illegible]-19 Je '60.

Making large panels in reinforced concrete molds. B.P. [illegible], IA.K.[illegible]. Stroi.i dor.mashinostr. 5 no.6:20-21 Je '60.

Making large prestressed reinforced concrete vaulted slabs. B.I.Turanov. Bet.i zhel.-bet. no.6:277-279 Je '60.

Rolling vibration stands for making large thin-walled prestressed reinforced concrete panels. A.A.Smirnov. Stroi.i dor. mashinostr. 5 no.6:17-20 Je '60.

Some problems in the technology of making prestressed hollow-cavity slabs. A.S.Ishchenko, G.I.Grigorenko. Sbor.trud.IUZhNII no.1:126-136 '60.

Stand for checking and repairing wall panels. B.Moskovchenko, R.Odlag. Stroitel' no.6:23 Je '60.

Testing and using large prestressed roof slabs of industrial buildings. A.A.Svetov. Bet.i zhel.-bet. no.7:299-303 Jl '60.

Using vibrating units in making convex slabs. A.Borisov. Stroi.i arkhit.Len. 22 no.7:29 '60.

CONCRETE SLABS—TESTING

Experimental investigation of thin-walled large panels. A.A.Tsfilin, IU.I.Beletskii. Bet.i zhel.-bet. no.7:324-326 Jl '60.

CONCRETIONS see subdivision under Chegem Valley

CONDENSATION PRODUCTS

Catalytic condensation of Schiff bases, synthesized from p-aminobenzoates and aromatic aldehydes, with aromatic ketones. N.S.Kozlov, V.D.Pak. Zhur.ob.khim. 30 no.7:2100-2103 Jl '60.

Chemistry of vinylacetylene. Report No. 10: Condensation of vinylacetylenic hydrocarbons with ketones in the presence of sodium hydroxide powder. S.A.Vartanian, G.A.Chukhadzhian. Izv.AN Arm.SSR.Khim.nauki 12 no.6:413-416 '59.

Synthesis of the allyl-type bromide $C_7H_{13}Br$, and its condensation by the Grignard-Wurtz reaction. P.D.Sokolova, M.P.Shebanova, A.P.Meshkova. Zhur.ob.khim. 30 no.7:2301-2303 Jl '60.

CONDENSERS (ELECTRICITY) see Electric capacitors

CONDIDOMYCOSES see Moniliasis

CONDITIONED RESPONSE

Active defense reflex and weak type of nervous system. Trudy Inst.fiziol.AN BSSR 3:55-59 '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.1: Significance of the successive production of similar motor reactions for the sharpness of visual analysis of conditioned stimuli. V.G.Samsonova. Trudy Inst.vys.nerv.deiat. Ser.fiziol. 4:[illegible] '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.2: Peculiarities in the differentiation of the stimulus following one or three positive conditioned reactions. V.G.Samsonova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:[illegible]-50 '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.3: Significance of the [illegible] of complex stimuli for the sharpness of their analysis. V.G.Samsonova. Trudy Inst. vys.nerv.deiat.Ser.fiziol. 4:[illegible]-20 '60.

Characteristics of the higher nervous activity in dogs with the strong type of nervous system combined with a passive defensive reaction. V.A.Adamovich-Gerasimova. Trudy Inst.fiziol.AN BSSR 3:3-13 '60.

Comparative characteristics of conditioned reflexes elaborated on the basis of extero- and interoceptive reinforcement. I.V.Ilina. Trudy Inst.fiziol.AN BSSR 3:60-70 '60.

Conditioned-unconditioned alternative motor reflexes in dogs. I.S.Pleshkova. Trudy Inst.vys.nerv.deiat.Ser. fiziol. 4:17-46 '60.

Conditioned motor chain reflexes in monkeys. G.I.Shirkova, G.I.Vereshkina. Dokl.AN SSSR 133 no.1:[illegible] Jl '60.

Correlation of some indices of electrical excitability of the eye with the strength of the nervous system. V.D. Nebylitsyn. Dokl.APN no.2:99-102 '60.

Critical frequency of flickers and the peculiarities of "collision" of nervous processes as indices of the mobility of the nervous system. I.A.Shvarts. Dokl. APN no.1:[illegible] '60.

Daydreams and conditioned reflexes. A.Khil'chenko. Nauka i zhyttia 10 no.6:46-49 Je '60.

Dependence of changes in the latent periods of reactions on the typological correlation between the two signalling systems. B.B.Kossov. Dokl.APN no.2:103-106 '60.

Differentiation of the duration of a conditioned stimulus. G.I.Shirkova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:[illegible] '60.

Discussing the book of a Bulgarian scholar. Vest.Mosk. univ.Ser.ekon.,filos.,prava 15 no.2:[illegible] '60.

Disturbance and restoration of higher nervous activity in the presence of a focus of mechanical influence in the cerebral cortex. N.A.Rokotova. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:85-103 '60.

Dynamics of the blood sugar level in various functional conditions of the higher portions of the central nervous system. Report No.3: Dynamics of the blood sugar level in dogs during the development of a neurotic condition. M.G.[illegible]. Trudy Inst.vys.nerv. deiat.Ser.fiziol. 4:165-171 '60.

Dynamics of the formation of a system of temporary connections in school children of different ages. I.A. Kulak. Trudy Inst.fiziol.AN BSSR 3:13-24 '59.

[illegible]

CONDITIONED RESPONSE (Continued)

Effect of the "transformation" of conditioned stimuli on the external secretion of the pancreas [with summary in English] I V Shostakovs'ka Fiziol zhur [Ukr] 6 no 4 519-52? Jl-Ag '60

Features of the summation of excitations at the moment of unconditioned reinforcement of the conditioned reflex [with summary in English] B I Khodorov Biul eksp biol i med 49 no 1 3-7 Ja '60

Formation of conditioned sensory reflexes. IU.F. Zmanovskii. Dokl.APN no.4 101-104 '59.

Functional disorder of the second signal system in oligophrenic children A I Meshcheriakov Dokl APN no 1 107-110 '60

Influence of a stimulus as a signal on the perception of its duration D G Elkin Dokl APN no 1 65-68 '60

Influence of aminazine on cerebral cortex function in rabbits. A.M.Illiubinovskaia. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4 152-164 '60.

Influence of irritation of the superior cervical sympathetic ganglia on conditioned reflexes in dogs. N.G.Ivanova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4 78-84 '60.

Influence of malignant neoplasms on the motor activity of rabbits [with summary in English] A E Nadareishvili Pat fiziol i eksp terap 4 no 3 49-51 My-Je '60.

Influence of small doses of X rays on the alimentary conditioned reflexes in dogs. M.G.Atrapetiants. Trudy Inst.vys.nerv deiat.Ser fiziol. 4 228-235 '60.

Influence of the strength of a conditioned sound stimulus on the conditioned reaction to time in man. M.A.Alekseev. Trudy Inst vys.nerv.deiat.Ser.fiziol. 4:21-28 '60.

Interoceptive influences from the gall bladder on the higher nervous activity of a dog. B.F.Osipov. Trudy Inst.fiziol.AN BSSR 3 71-82 '59.

Materials for a physiological characterization of the kinesthetic analysor of the cerebral cortex in dogs. G.V.Skipin. Trudy Inst.vys.nerv.deiat Ser.fiziol. 4 ?-30 '60.

Mechanism of the formation of temporary connections in forming the conditioned defensive motor reflex. Report No.1 Rise of foci of sluggish stimulation in the production of conditioned motor defensive reflexes. R.L.Vinnik. Trudy Inst.vys nerv.deiat.Ser.fiziol. 4 73-77 '60.

Mechanisms governing conditioned reflex modification of sensitivity to light. G.N.Il'ina. Dokl.APN no.2:93-94 '60.

Method of studying higher nervous activity in children B M Avrutis Dokl APN no 1 73-75 '60

Methods of studying the higher nervous activity in man. L.G.Voronin, A.V.Napalkov. Dokl.APN no.2:95-98 '60.

Mobility and resistance of newly elaborated temporary connections in schoolchildren of different ages. I.A. Kulak. Trudy Inst.fiziol.AN BSSR 3 25-37 '59.

Modification, with the age of the child, of the activity of "relation" as a signalling stimulus. E.G.Vatsuro. Dokl APN no 2 111-112 '60.

Morphological picture of the blood in experimental neurosis in dogs. T.N.Riantseva. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4,172-186 '60.

Morphological study of the development of the conditioned alimentary reaction in ontogenesis in rabbits. A.M.Ivanitskii. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4 126-140 '60

Nerve pattern of a stimulus. Report No.3. The role of the nerve pattern of a stimulus in the selection of signals. F.N.Sokolov. Dokl.APN no.2:89-92 '60.

Orientation toward accessory stimuli and its role in consequent formation of the system of conditioned motor reactions in children D B Godovikova Dokl APN no 1 61-64 '60

Role of inhibited conditioned connections in the formation of new forms of motor activity. E.I.Plonskaia. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:31-36 '60.

Role of separate components in a signal complex in the formation of a system of temporary connections in pupils of the 4th and 7th grades. I.A.Kulak. Trudy Inst.fiziol.AN BSSR 3.38-48 '59.

Some peculiarities of higher nervous activity in imbecility A L Gamburg Dokl APN no 1 111-115 '60

Study of the peculiarities of the interaction of signal systems by means of replacing direct positive and inhibitory stimuli by descriptive words V A. Maraev Dokl APN no 1 77-79 '60

Time as a component of the conditioned stimulus. G.I. Shirkova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4 47-62 '60.

Unilateral conditioned salivary responses to sound directed into one ear. G.L.Vepkhvadze. Soob.AN Gruz.SSR 24 no.4 473-478 Ap '60.

CONDUCT OF LIFE

About rusty nails and labor honor R Rozova Smena 37 no 11 15 Je '60

On what model shall we build our life? Vsevolod Kochetov. Ogonek 38 no.30.16-18 Jl '60.

CONDUCTION OF HEAT see Heat—Conduction

CONFECTIONERY

(see also subdivision under White Russia)

Changes of vitamin C content in some types of vitaminized confectionery products during storage. N.M. L'vova. Khleb.i kond.prom. 4 no.7:10-13 Jl '60.

From the pages of information bulletins published by the Economic Councils (confectionery). P.K.Popov, V.A. Abeidulina. Khleb.i kond.prom. 4 no.7 42-44 Jl '60.

Production line for processing sunflower seeds for halva. A.G.Terent'ev. Khleb i kond prom. 4 no 7 13-16 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Confectionery products; testing methods] Konditerskie izdeliia, metody ispytanii. Izd.ofitsial'noe. Moskva, 1959. 84 p. (Gosudarstvennye standarty SSSR)

Vitaminization of confectionery products with ascorbic acid. V.A.Deviatnin, A.G.Ivanov, E.IA.Mel'nikova. Trudy VNIVI 6 242-244 '59.

CONFLICT OF LAWS

Wolff, M. [Private international law. Translated from the English] Mezhdunarodnoe chastnoe pravo. Moskva, Gos.izd-vo inostr.lit-ry, 1948. 702 p.

CONFORMAL MAPPING

Approximate plotting of quasi-conformal mappings of a circle onto some regions. B.A.Vertgeim. Izv.vys.ucheb.zav.; mat. no.2:30-43 '60.

Some features of the conformal mappings of a circular ring [with summary in English] O S Nosenko Dop AN URSR no.3 279-284 '60

CONGO

The Belgian Congo Blok agit.[Ukr] no 16 60 Je '60

CONGO, REPUBLIC OF—FOREIGN RELATIONS—BELGIUM

Hypocrisy. Nov.vrem. 18 no.31:15 Jl '60.

CONGO, REPUBLIC OF—POLITICS AND GOVERNMENT

Events. Mezhdunar.zhizn' 7 no 8:150 Ag '60

Events in the Congo V. Sidenko Nov vrem 18 no.29 19-20 Jl '60

Imperialist aggression in the Congo Kommentator Mezhdunar zhizn' 7 no 8 91-93 Ag '60

Robbers invade the Congo. Ogonek 38 no.30:31 Jl '60.

CONGO RED

Diagnostic significance of the Congo red test in general amyloidosis in patients with pulmonary tuberculosis. P.T Shlapak. Pat.,klin.i terap.tub no 8 255-258 '58

CONGRESSES AND CONVENTIONS

Conference, meetings, and congresses. Dop.AN URSR no.5:697 '60.

CONGRUENCES (GEOMETRY)

Completely stratifiable pairs of congruences. G.N. Tovzadze. Izv.vys.ucheb.zav., mat. no.2:190-198 '60.

CONICHALCITE see subdivision under Karzhantau Range

CONIFERAE see subdivision under Frunze

CONJUNCTIVITIS, GRANULAR

Effect of cortisone on the conjunctiva in trachoma [in Azerbaijani with Russian summary]. T.G.Safaraliev. Azerb.med.zhur. no.5:33-38 My '60.

It depends on us. Z.G.Diudina. Zdorov'e 6 no.7:22-23 Je '60

CONNECTIVE TISSUES

Effect of gamma rays of Co^{60} on explanted connective tissues of the chick embryo. A.F.Ivanitskaia, Z.N. Faleeva. Dokl.AN SSSR 133 no.3:709-712 Jl '60.

CONSCIENCE

What is conscience? N.Riazantsev. Nauka i rel. no.7:86-88 Jl '60.

CONSCIOUSNESS

Treatment of twilight disturbances of consciousness and delirium tremens. V.M.Bleikher, R.I.Zolotnitskii. Vrach.delo no.7:128-129 Jl '60.

CONSERVATION OF THE SOIL see Soil conservation

CONSERVATION OF WILD LIFE see also subdivision 'Wild life, Conservation of' under Siberia; Sula Valley, Poltava Province

CONSTANT DE REBECQUE, HENRI BENJAMIN, 1767-1830

"Adolphe" by Benjamin Constant Reviewed by A Gozenpud. Zvezda no.5 218-219 My '60.

CONSTIPATION

Constipation A G Gukasian Zdorov'e 6 no 6 18-19 Je '60.

CONSTITUTIONAL LAW

"Current problems of Soviet constitutional law." Sov.deput.trud. no.7:83-84 Jl '60.

Forms of the socialist state. I.P.Il'inskii. Uch.zap.Kaf gos.prava IMO no 1:5-27 '60.

CONSTITUTIONAL LAW—TEXTBOOKS

New textbook of Soviet constitutional law ("Soviet constitutional law" by IA.N.Umanskii. Reviewed by D.A. Gaidukov, N.P.Farberov). Sov.gos.i pravo no.7:197-200 Jl '60.

CONSTITUTIONS

Concept and nature of present-day bourgeois constitutions. B.S.Krylov Uch zap Kaf.gos.prava IMO no 1 10-60 '60

CONSTRUCTION INDUSTRY

(see also subdivision under Armenia; Cheliabinsk, France, Kazakhstan, Korshunovo, Kustanay Province, Leningrad; Moscow; Saratov Province, Sashkesan, Ukraine, Vitebsk; White Russia)

All-Union Conference on Urban Development. I Dnestrov. Stroi.i arkhit. 8 no.7:5-6 Jl '60.

Answers to questions concerning the economics of construction. Ekon.stroi. no.5:55-56 My '60.

Answers to questions concerning the economics of construction. Ekon.stroi no.6 54-55 Je '60.

Brief news. Stroitel' no.6:31 Je '60.

Brief news. Transp.stroi. 10 no.7:61-63 Jl '60.

Construction projects of the seven-year plan should have general inspection. Sov profsoiuzy 16 no.9 2-4 My '60

D'iachkov, M. F. [Analysis of the administrative operations of contract building organizations; based on reports] Analiz khoziaistvennoi deiatel'nosti podriadnykh stroitel'nykh organizatsii; po dannym otchetnosti. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam, 1960. 107 p. (Voprosy ekonomiki stroitel'stva)

Discussing the quality of dwelling construction G Sukhov Blok agit.[Ukr] no.16 15-21 Je '60

From the pages of journals. Zhil.stroi. no.6:31-32 Je '60.

Glorious family of construction workers. N.Kuleshov. Agitator no.14:18-20 Jl '60.

Holiday of Soviet builders. S.Andrianov. Stroi.i arkhit. 8 no.7:3-4 Jl '60.

In the State Construction Office of the U.S.S.R. Biul.stroi.tekh 17 no 6 25 Je '60

In the State Construction Office of the U.S.S.R. Biul.stroi.tekh. 17 no.7:36 Jl '60.

Institute of Structural Physics, Walls, and Ceilings. I.P.Orfanitskaia. Izv.ASiA no.2:123-125 '60.

Krasnov, I.D. [Economics of the construction industry of the U.S.S.R.] Ekonomika stroitel'noi industrii SSSR. Izd.2-e, perer.i dop. Moskva, Gos.izd-vo lit-ry po stroit.,arkhit.i stroit.materialam, 1960. 310 p.

Leading planning organizations for securing the standardization of architectural solutions and the unification of construction elements and details in industrial construction Biul.stroi.tekh. 17 no 6 25-29 Je '60

Letters to the editor. Ekon.stroi. no.5:72 My '60

Letters to the editor. Transp.stroi. 10 no.7:60-61 Jl '60.

Norms and rates established by various agencies. Biul.stroi.tekh. 17 no.7:26-31 Jl '60.

Organization of a fully adequate supply of building materials and equipment for the construction industry is most important in our struggle to fulfill the seven-year plan ahead of time. Bet.i zhel.-bet. no.7:203-204 Jl '60

Pay more attention to quality indices. Ekon.stroi. no.5: 66-71 My '60.

The planning and building of cities is the center of architects' attention. Arkhit SSSR no.5:1-7 '60.

Planning continuous production lines taking into account seasonal aspects of construction [with summary in English, p.74]. V.O.Holosov. Visnyk ABiA URSR no.2:44-51 '60.

Present-day major construction work. B.Smekhov. Ind.samoobr. 4 no.5:39-50 My '60.

Put industrial plants into operation with greater speed. Transp.stroi. 10 no.6:1-2 Je '60.

Recommendations of the conference on problems in reducing the time expended in construction. Ekon.stroi no.6:61-66 Je '60.

The role of the construction industry in the production of materials. B.Sokolov and others. Ekon.stroi. no.6: 26-53 Je '60.

Use of 1:10,000 topographic maps in the construction design of industrial and residential buildings. B.V. Kaplunov. Geod.i kart. no 5:66-67 My '60.

Wages in the construction industry. Ekon.stroi. no.6 59-60 Je '60.

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Chimkent; Ukraine)

Brigade accounting is an important means in the struggle for greater economy in construction. M.Amatibovskii Ekon.stroi. no.5:49-55 My '60.

Consolidated payments made by Moscow construction projects. A.Kozakov. Ekon.stroi. no.5:42-48 My '60.

Zlobin, P.I. [Accounting for capital investments and their financing; based on the builder's balance] Uchet kapital'nykh vlozhenii i ikh finansirovaniia; na balanse zastroishchika. Moskva, Gos.stat.izd-vo, 1960. 171 p.

CONSTRUCTION INDUSTRY—COSTS

Analyzing housing projects to be built with the aid of workers and employees. A.K.Krivosheev, V.N.Regel'kov. Trudy NPI 102:53-61 '59.

Cost accounting of certain materials, products, and construction elements used in capital construction. Biul.stroi.tekh. 17 no.7:32-35 Jl '60.

CONSTRUCTION INDUSTRY – COSTS (Continued)

Determining the average housing construction costs per square meter in planning capital investments. Ekon. stroi no 5:56-59 My '60.

Measures for lowering costs of housing construction. I.V. Zel'manov. Transp. stroi. 10 no. 7:33-35 Jl '60.

Possibilities for lowering costs of making reinforced concrete construction elements. L.O. Merpert, I.M. Trutitsyn. Transp. stroi. 10 no. 6 32-35 Je '60.

Problems of cost structure in construction. I. Griazev. Bukhg. uchet 17 no. 6.39-43 Je '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Cost manual for the assembling of equipment] TSennik na montazh oborudovaniia. Ed. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

No. 30. [Equipment and elevators, mills, groats, mixed feed, and corn processing plants] Oborudovanie elevatorov, mel'nits, krupianykh kombikormovykh i kukuruznykh zavodov, 1960. 51 p.

CONSTRUCTION INDUSTRY—EQUIPMENT AND SUPPLIES

Record keeping for materials, products, and construction elements according to cost manuals for the assembling of equipment. Ekon. stroi. no 6:55-58 Je '60.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Kazakhstan)

Financing planning-surveying works. M. Chistiakov, B. Sysoev, S. Dushenkina. Fin. SSSR 21 no. 7:81-85 Jl '60.

A follow-up on published materials. Ekon. stroi. no. 6: 53 Je '60.

Problems in the financing of capital construction. A. Grishin, A. Petrov. Den. i kred. 18 no. 8:25-34 Ag '60.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

On the analysis of the utilization of working time. P. Berezin and others. Bukhg. uchet 17 no. 6:33-38 Je '60.

CONSTRUCTION INDUSTRY—MANAGEMENT

"Analysis of production planning and industrial management of building organizations" by M.I. Kaspe, I.S. Oganesov. Reviewed by A.F. Bogatyrev, A.S. Bogoridov. Transp. stroi. 10 no. 7:57-58 Jl '60.

Public control on the construction sites of the seven-year plan is a matter of great national importance. Ekon. stroi. no. 5,3-6 My '60.

Three years of work after the reorganization of the management of construction. Ekon. stroi. no. 6:3-7 Je '60.

CONSTRUCTION INDUSTRY—PRODUCTION STANDARDS

Production standards in the construction industry. V. Golosov. Stroi. i arkhit. 8 no. 7:27-28 Jl '60.

CONSTRUCTION WORKERS

(see also subdivision under Kazakhstan; Leningrad; Noril'sk)

Golden hours. Svetlana Chekrygina. Smena 37 no. 15: 7-9 Ag '60.

A new step toward the realization of their goal. L. Kuklina. Mol. komm. no. 8:18-19 Ag '60.

CONSUMER CREDIT

IAzev, V.A. [Sale of goods to the population on credit] Prodazha tovarov naseleniiu v kredit. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 43 p.

CONSUMPTION (ECONOMICS)

Skovoroda, K.M., and S.I. Grigor'ev. [Production allotments for consumer goods and how to determine them] Balansy tovarov narodnogo potrebleniia i metody ikh razrabotki. Moskva, Gosplanizdat, 1959. 165 p.
(MIII)

CONTINENTS

Is there such a thing as continental drift? E.A. Nefed'eva. Nauka i zhizn' 27 no. 6:78-79 Je '60.

CONTRACEPTION see Conception—Prevention

CONTRACTS

Possibility for the arbitration of precontract disputes. N. Murzin. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 1:17-31 '60.

Some legal problems in the work of industrial enterprises. I.I. Dadonov, V.K. Martynov. Sov. gos. i pravo no. 7: 74-77 Jl '60.

CONVERGENCE

Uniform convergence of series of proper functions of certain differential operators. D.F. Kharazov Soob. AN Gruz. SSR 24 no 3:257-264 Mr '60.

CONVERTERS

Lifshits, S.I. [Steelmaking in converters] Proizvodstvo stali v konverterakh; uchebnoe posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 262 p.

Spectrum obtained from the flame of a converter in which cast iron is blown by a steam oxygen mixture [with summary in English] K S Gargei, G. D Krivulia, F S Ortenberg. Inzh -fiz. zhur no 6 72-75 Je '60.

Ways of accelerating the work of nonferrous metal converters. L. M. Shalygin, V. B Meierovich. TSvet met 33 no. 7 16-19 Jl '60

·CONVEYING MACHINERY

Ataev, S.S. [Mechanization of operations in modern housing construction, mechanization of conveying and assembling operations] Mekhanizatsiia rabot v sovremennom zhilishchnom stroitel'stve, mekhanizatsiia transportno-montazhnykh rabot. Pod red. F.P. Vinokurova. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1960. 356 p.

The AUK-1 equipment for automatic control of conveyers. V.G. Ulitin. Biul. tekh.-ekon. inform. no. 7:6-8 '60.

Automation of the control of continuous conveying systems. M.M. Frenkel'. Mekh. i avtom. proizv. 14 no. 6:32-42 Je '60.

Conveying machinery for coal haulage in the "V.I. Lenin" mine. S.M. Sokolov, S.T. Avramenko. Ugol' 35 no. 5: 12-13 My '60.

Conveying turntable for sorting tiles. M.P. Spektor. Stek. i ker. 17 no. 7:44-46 Jl '60.

"Hoisting and conveying machinery" by A.A. Vainson. Reviewed by A.I. Gal'perin. Mont. i spets rab. v stroi. 22 no. 7:31-32 Jl '60.

Intershop suspended cable conveyor. B.I. Panfilov. Mekh. i avtom. proizv. 14 no. 6:43-45 Je '60.

Linitskii, V.G., and K. Kravtsov. [The KSTI-20 scraper] Skrebkovyi konveier KSTI-20. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 58 p. (Novaia gornaia tekhnika)

Mechanization of the conveying of the sliver and lap. I.P. Volkov, A.S. Udalov. Tekst. prom. 20 no. 6:56-57 Je '60.

Sloping slat conveyor. M. Kharitonovskii, I. TSypin. Sov. torg. 33 no. 6:72-73 Je '60.

Wooden rollers for belt conveyers. IU.K. Vasil'ev. Stroi. i dor. mashinostr. 5 no. 7:25-27 Jl '60.

CONVEYING MACHINERY—CLEANING

Vibration cleaner of conveyer belts. IU.D. Tarasov. Gor. zhur. no. 7:74-75 Jl '60.

CONVEYING MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorkiy

COOKERY

Advice to the cook. Obshchestv. pit. no. 6:32-34 Je '60.

The discussion on nutrition continues. Sots obesp 21 no. 5 39 My '60.

For home cooking. Obshchestv. pit. no 6:59-60 Je '60.

COOKERY—STUDY AND TEACHING

Use of the card system in cookery classes. V.A. Khibner. Shkola i proizv. 4 no. 6:29-32 Je '60.

COOKERY (CEREALS)

Method of accelerated cooking of cereals P. Bahramov Obshchestv. pit no 6 48 Je '60

COOKERY (VEGETABLES)

Transfer of mass in vegetables during cooking. N.I. Kovalev. Sbor. nauch. rab. Len. inst. sov. torg no. 15: 84-93 '59.

COOKERY, GEORGIAN

Sulakvelidze, T.P. [Georgian cookery] Gruzinskie bliuda. Tbilisi, Izd-vo M-va torgovli Gruz. SSR, 1959. 294 p.

COOKERY, GERMAN

At the exhibition of German cookery in the restaurant "Berlin" Obshchestv. pit no 6,55 Je '60.

COOKERY, MILITARY

Technology of food preparation. M.G. Zelenyi. Voen.-med. zhur. no. 6:82-83 Je '60.

COOKERY, RUSSIAN see subdivision under Moscow

COOKING SCHOOLS

Measures have been taken. Obshchestv. pit. no. 6:52 Je '60

COOLING

Experimental investigation of the flow of an evaporating liquid film on a gas-swept cone surface. V.M. Poliaev. Izv. vys. ucheb. zav.; mashinostr. no. 5:140-148 '60.

Farforovskii, B.S., and IA.N. Platov. [Design of coolers for industrial water-supply systems] Proektirovanie okhladitelei dlia sistem proizvodstvennogo vodosnabzheniia. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

COOLING TOWERS

Designing cooling towers for wind loads. A.A. Boltukhov. Stroi. mekh. i rasch. soor. 2 no. 4.33-39 '60.

Wetted-wall cooling tower with capillary filling. V. Martynovskii. Khol. tekh. 37 no. 3:64-65 My-Je '60.

COOPERATION

For the expansion of international cooperative trade. P. Kabanov. Sov. potreb. koop 4 no 6:36-37 Je '60

International Cooperation Day M. Utkin. Sov. potreb. koop. 4 no 6 34-35 Je '60

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Mongolia, Penza Province)

Conference on theory T. Gavrilov Sov potreb koop 4 no 6 43 Je '60

Editor's mail. Sov potreb koop 4 no 6:14-15 Je '60

"Political neutrality of cooperative societies" and reality. IA Kramarovskii Sov potreb koop 4 no 6 38-40 Je '60

Response abroad to the appeal of the Central Union of Consumers' Cooperatives about disarmament Sov potreb koop 4 no 6 10 Je '60

Toward a shorter workday N. Kolosenko Sov potreb koop 4 no 6 12 Je '60

What are the prospects of the development of producers' cooperative societies? I. Evenko. Prom. koop. 14 no. 6:15-16 Je '60.

What is the role of consumers' cooperatives in Soviet trade? A. Gavrilov Polit samoobr 4 no 6 71-73 Je '60

COOPERATIVE SOCIETIES—LAW

"Handbook on legal questions concerning the system of cooperative societies" by IA.S. Glikin, A.M. Prytkov. Reviewed by V. IAzev Sov potreb. koop 4 no 6 47-48 Je '60

COOPERATIVE SOCIETIES—TAXATION

Income tax from industrial cooperatives of the U.S.S.R. during the period of socialism. I.S. Golovanov. Sbor. st. LITMO no. 40:205-223 '58.

COORDINATES—TABLES, ETC

New tables of increments of coordinates G. Fokin. NTO 2 no. 7 46 Jl '60

COOTS

Changes in the morphoecological phases of the ontogenesis of the coot Fulica atra L M.M Synyts'kyi Pratsi Inst zool AN URSR 16 3-22 '60

COOTS—PARASITES see Parasites—Coots

COPEPODA see subdivision under Ukraine

COPERNICUS, NICOLAUS, 1473-1543

"Copernical Session," Reviewed by U.I. Frankfurt. Vop. ist. est. i tekh. no. 9,160-161 '60.

COPPER

Investigating the combustion of copper-zinc concentrates in an oxygen blast. S.A. Verminichev, V.I. Deev, M.I. Kochnev. Zhur. prikl. khim. 33 no. 5:1036-1042 My '60.

Sintered copper powder. L.M. Savitskii, A.I. Vlasov. TSvet met 33 no 7 72-77 Jl '60

COPPER—ANALYSIS

Complexometric determination of copper in solutions in the manufacture of cuprammonium fibers K M. Fedorova Khim. volok. no 3 43-45 '60

COPPER—ISOTOPES

Photoprotons from Cu^{65} [with summary in English]. N.V. Lin'kova and others Zhur. eksp. i teor fiz. 38 no 3 780-789 Mr '60.

COPPER—SPECTRA

Determination of the high content of copper in stannous and plombous brasses in a FES-1 unit. I.S. Abramson, S.N. Murzin, V.A. Slavnyi. Zav. lab. 26 no. 5:574-575 '60.

Spectrum analysis of copper coatings. E.S. Kudelia, O.P. Riabushko. Avtom. svar. 13 no. 7:92-94 Jl '60.

COPPER—WELDING

Gas-shielded electric welding of 12 mm. thick copper. I.S. Shapiro. Avtom. svar. 13 no. 6:74-78 Je '60.

Pidhaiets'kyi, V.V. [Welding copper and its alloys under flux] Zvariuvannia midi ta ii splaviv pid fliusom. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1957. 35 p.
[MICROFILM]

COPPER CHLORIDE—SPECTRA

Spectrophotometric investigation of cupric chloride solutions. V.F. Sergeeva, V.S. Dement'ev. Zhur. neorg. khim. 5 no. 7:1601-1604 Jl '60.

COPPER COMPOUNDS

Crystal structure of milon and becton salts (Cu $(NH_3)_4$ Pt Cl_4 and Pt $(NH_3)_4$ $CuCl_4$). M. Bukovska, M.A. Porai-Koshits. Kristallografiia 5 no. 1:137-140 Ja-F '60.

Crystal structure of the double salt of copper perchlorate pentammine and ammonium perchlorate. M. Bukovska, M.A. Porai-Koshits Kristallografiia 5 no. 1:140-141 Ja-F '60.

Reactivity of the complex compounds formed by monovalent copper with esters of phosphorous acid. M.M. Azanovskaia, L.A. Davidovskaia. Zhur. neorg. khim. 5 no. 4:870-873 Ap '60.

COPPER INDUSTRY see subdivision under Balkhash

COPPER MINES AND MINING see subdivision under Degtyarsk; Orenburg Province; Ural Mountains

Cathodic polarization in the electrodeposition of a copper-nickel alloy [with summary in English]. N. V. Korovin. Zhur. fiz. khim. 34 no. 6 1351-1356 Je '60.

COPPER NITRATE

Behavior of copper nitrate in the extraction of uranyl and plutonium nitrates with tributyl phosphate solutions. V B Shevchenko, I. V. Shilin, IU. F Zhdanov. Zhur neorg. khim. 5 no. 6:1366-1374 Je '60.

COPPER ORES see subdivision under Ural Mountains

COPPER-OXYGEN ALLOYS

Interphase activity of oxygen in the systems liquid metal - solid oxide [with summary in English]. V. N. Eremenko, IU. V. Naidich, A. A. Nosonovich. Zhur. fiz. khim. 34 no. 6 1166-1189 Je '60.

Surface activity of oxygen in liquid copper-oxygen alloys [with summary in English] V. N. Eremenko, IU. V. Naidich, A. A Nosonovich Zhur. fiz khim. 34 no. 5· 1018-1020 My '60.

COPPER-PALLADIUM-CHROMIUM ALLOYS see Palladium-copper-chromium alloys

COPPER PERCHLORATE

Heats of solution of copper perchlorate hexahydrate in water and aqueous solutions of perchloric acid. S. A. Shchukarev, G. M. Orlov, Z. U. Borisova. Zhur. ob. khim 30 no. 7·2097-2102 Jl '60.

COPPER PLATING

Complexometric determination of copper in copper bath electrolytes V S Parchevskii, T. I Khakharina Poligr proizv no. 6 21-22 Je '60

Copper plating of steel in an ammonium electrolyte containing monovalent copper ions. V. D. Kamkin, M. L. Pertsovskii. Zhur. prikl. khim. 33 no. 5 1215-1217 My '60.

Spectrum analysis of copper coatings. E. S. Kudelia, O. P. Riabushko. Avtom. svar. 13 no. 7:92-94 Jl '60.

COPPER-SILICON ALLOYS see Silicon-copper alloys

COPPER STEEL

Copper steel for the blades of large hydraulic turbines. G. I. Babushkina, I. R. Kriamin, V. A. Lapidus. [Trudy] TSNIITMASH 100,311-346 '59.

COPPER-TITANIUM ALLOYS

Highly resistant copper-titanium alloys (from "Metal Progress," no. 2, 1959). Metalloved i term. obr. met. no. 6 53 Je '60.

COPPER-ZINC ALLOYS

Simultaneous liberation of a double metallic alloy and hydrogen B I Skirstymonskaia, M F Lantratov Zhur prikl khim 33 no 7 1552-1556 Jl '60

CORALS, FOSSIL

(see also subdivision under Siberian Platform, Ural Mountains)

Recent data on the systematics of Ordovician and Silurian zaphrentids. A. B. Ivanovskii. Paleont. zhur. no 2;35-39 '60.

CORE DRILLING

Using air for removing cuttings from water encroached well bottoms in core drilling. B. B. Kudriashov. Izv. vys. ucheb. zav., geol. i razv. 3 no. 4·126-135 Ap '60.

CORES (ELECTRICITY)

Characteristics of cores of magnetic amplifiers with spontaneous magnetization. Kh. E. Zaidel. Izv. vys. ucheb. zav., elektromekh. 3 no 2·127-131 '60.

CORN (MAIZE)

(see also subdivision under Azerbaijan, Bukovina, Leningrad Province, Mel'nitsa-Podol'skaya District, Novaya Usman' District, Panfilov District)

Characteristics of the structure of female gametophytes and the phenomenon of polyembryony in corn (Zea mays L.). E. I. Ustinova. Bot. zhur. 45 no. 5 764-767 My '60.

Corn stump instead of flour B Nakhmanovich NTO 2 no 7 22 Jl '60.

Features of the fertilization and embryogenesis of corn under different types of crossing; preliminary report. V. E. Bormotov. Biul. Inst. biol. AN BSSR no. 3 194-198 '58.

Features of the flowering of self-pollinated lines and their parent forms. K. V. Volkovich. Vest. AN Kazakh. SSR 16 no. 5 76-79 My '60.

Method of observing the growth of the corn plant (Zea mays L.) IU. K Kudzin A S Damaskina N A. Cherniavskaia Bot zhur 45 no 6 867-870 Je '60.

Weight of the germ and seeds in samples of corn of different origins. L. V. Kedrova-Zikhman, V. E. Bormotov. Biul. Inst. biol. AN BSSR no. 3 190-193 '58.

CORN (MAIZE)—BIBLIOGRAPHY see Bibliography—Corn (Maize)

CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of nitrogen fertilizers on active absorption of water by corn. A. N. Pavlov. Dokl. AN SSSR 133 no 3·702-705 Jl '60.

[illegible]

CORN (MAIZE)—VARIETIES see subdivision under Armenia

CORN BREEDING

Cytoembryological study of the embryo sac and the process of fertilization in corn [with summary in English]. E. I. Ustinova. Zhur. ob. biol. 21 no. 4:261-269 Jl-Ag '60.

CORNCOBS see subdivision under Dokshukino

CORNEA

Influence of vegetative stimulators on cell division in the epithelium of the cornea [with summary in English]. E. S. TSareva. Biul eksp. biol i med. 49 no. 1·115-117 Ja 60.

Role of the layer of retinal photoreceptors in the induction of the cornea [with summary in English]. V. V. Popov, T'ung Yun-hsu. Zhur. ob. biol 21 no. 3·189-197 My-Je '60.

CORNEA—TRANSPLANTATION

They are able to see again N A Puchkovskaia Nauka i zhizn' 27 no 5 45-47 My '60

CORNS see Callosities

CORONARY VESSELS

Akademiia nauk URSR, Kiev. Instytut fiziologii. [Problems in the physiology and pathology of coronary circulation] Voprosy fiziologii i patologii koronarnogo krovoobrashcheniia. Kiev, 1960. 149 p.

Interrelationships between the state of coronary circulation and the level of general blood pressure [with summary in English] M V Il'chevych, V. A Kozak Fiziol zhur [Ukr] 6 no. 4 545-552 Jl-Ag '60

CORONARY VESSELS—DISEASES

Diagnostic value of transaminase and aldolase in the blood serum in acute coronary insufficiency. B. F. Korovkin, N. A. Belov, A. S. Kantorovich. Voen.-med. zhur. no. 5· 30-33 My '60.

Work capacity and indications for work following heart pains simulating coronary insufficiency [with summary in English]. R. P. Goncharova. Vrach. delo no. 7 26-31 Jl '60.

CORPULENCE

Expert testimony adiposity in airation medicine. V. G. Knabengof. Voen.-med. zhur. no. 5:58-60 My '60.

CORRELATION (STATISTICS)

Chuprov, A. A. [Main problems of the correlation theory; on the statistical study of the relation between phenomena (1926)] Osnovnye problemy teorii korreliatsii; o statisticheskom issledovanii sviazi mezhdu iavleniiami, 1926. Moskva, Gosstatizdat TsSU SSSR, 1960. 170 p.

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under Kharkov; Moscow; Odessa, Ukraine)

A correspondence technical school trains accountants. Z. M Eroshenkova Uchet i fin v kolkh i sovkhoz 17 no 5 50-52 My '60

Let's vary teaching methods for correspondence students. P. S. Epikhin, A. F. Tishin. Sred. spets. obr. 7 no. 6 27-28 Je '60.

Our correspondence school students A. D Rivkin, M. K Krylova Uchet i fin v kolkh i sovkhoz 17 no 5 48-50 My '60

This form of control is justified. A. P. Dobrovodskii. Sred. spets. obr. 7 no. 6 20-22 Je '60.

CORROSION AND ANTICORROSIVES

(see also subdivision under Czechoslovakia)

All-Union Conference on the corrosion resistance of stainless steel welds. P. T. Dmitriev. Khim. mash. no. 4 47-48 Jl-Ag '60

Amine chromates and esters of chromic acid as inhibitors of atmospheric corrosion S. A. Gintsberg, A V Shreider Zhur prikl khim 33 no 7 1594-1598 Jl '60.

Anticorrosion building-materials made with polymers A. N Ezerskii Stroi mat 6 no 5 16-17 My '60

Balalaev, G. A. [Protecting construction elements and apparatus from corrosion] Zashchita stroitel'nykh konstruktsii i apparatury ot korrozii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 351 p. (Seriia posobii po povysheniiu masterstva stroitelei)

Corrosion of architectural structures in a potash combine. M. I. Subbotkin. Prom. stroi. 38 no. 7·41-45 '60.

Corrosion of the equipment used in the arsenic-soda process of sulfur removal. I. A. Levin, N. P. kovalenko. Khim. prom. no. 1:71-76 Ja-F '60.

Durability of anticorrosive coatings of steel construction elements subjected to the action of corrosive media B. N. Bobrov Prom stroi. 38 no 6 49-51 '60

Effect of temperature on the rate of corrosion of metals in acid media. V. A. Khitrov and others. Dokl. AN SSSR 133 no 4·886-888 Ag '60

Effective corrosiveness of oils N. M. Grad, IU T. Sudakov Zhur prikl khim 33 no 7 1586-1590 Jl '60

solutions of sulfate and phosphoric acids at high temperatures N D. Tomashov, A V. Shreider, V. A. Titov. Khim. mash. no. 4:20-24 Jl-Ag '60.

Lazarenko, V. K., and G. A. Preis. [Wear resistance of metals] Iznosostoikost' metallov. Moskva, Gos. [illegible] tekhn. izd-vo mashinostroit. lit-ry, 1960. 217 p.

Measurement of the potentials of a metal in corrosive media at high temperatures. V A Titov, G. I [illegible] Zav. lab. 26 no 7 839-842 '60.

Nickel-molybdenum alloys for corrosive media. I. V. Zotova. Khim. mash. no. 4:10-12 Jl-Ag '60

Prevent corrosion. B. Lopatin NTO 2 no 7:34-35 Jl '60.

Protection against corrosion of filter-press plates and frames in viscose production G V. Talaeva Khim volok. no 3 58-60 '60

Reduction of sulfates in mixtures of sea water and waters of petroleum beds in an atmosphere of molecular hydrogen with the participation of sulfate-reducing bacteria [with summary in English] M. V Gasanov Mikrobiologiia 29 no 3:419-421 My '60

Treating water with hydrazine for protection of the metal of boilers against acid corrosion[with summary in English, p. 2]. P. A. Akol'zin, N. M. Mikhailova. Teploenergetika 7 no. 7·59-64 Jl '60.

The TZR-30 etching and protecting coating. T. A. Vol'chuk, D. P. Myshenkov. Avt. prom. no. 7·29-30 Jl '60.

CORTICOSTEROIDS

Synthesis of trans-1-hydroxy-1-acetoxyacetyl-6-[illegible] 4, 5(4'-methoxy-benzo) hydrindan, an analog of [illegible] hormones G S Grinenko, V I Maksimov, V I [illegible] nova Dokl AN SSSR 133 no 1 102-105 Jl '60

CORTICOSTERONE

Age factors in the changing blood picture affected by desoxycorticosterone acetate [with summary in English]. Sung Len-fen. Fiziol. zhur. [Ukr.] 6 no. 2·190-200 '60

CORTISONE

Age characteristics of changes in the blood picture and bone marrow of white rats due to the action of cortisone [with summary in English]. Sung Len-fen Fiziol zhur [Ukr.] 6 no. 4.509-516 Jl-Ag '60

Effect of cortisone on the conjunctiva in trachoma [In Azerbaijani with Russian summary]. T. G. [illegible] Azerb. med. zhur. no. 5:33-38 My '60.

Influence of penicillin and cortisone on the development of the exudative phase of experimental aseptic inflammation [with summary in English] E. A. Venglinskaia Pat. fiziol. i eksp. terap 4 no. 3.17-20 My-Je '60

CORUNDUM

(see also subdivision under Ukraine)

Electronic paramagnetic resonance of the Ti^{3+} ion in corundum. L. S Kornienko, A. M. Prokhorov Zhur eksp i teor. fiz 30 no 5 1651-1652 My '60

Spin-lattice relaxation in chromium corundum[with summary in English]. A A Manenkov, A. M. Prokhorov, Zhur eksp i teor. fiz 38 no 3 720-733 Mr '60

CORUNDUM—SPECTRA

Spectrum analysis of white electrocorundum. Zh. V. Shtipel'man. Zav. lab. 26 no. 5:568-570 '60.

CORYNEBACTERIUM DIPHTHERIAE

Influence of brief and prolonged contact of Corynebacterium diphtheriae with antibiotics on certain aspects of its virulence [with summary in English]. A N. [illegible] son. Antibiotiki 5 no. 1:91-96 Ja-F '60.

COSMIC PHYSICS

Magnetic fields of the universe. D. A. Frank-Kam[illegible] Nauka i zhizn' 27 no. 6:27-31 Je '60.

COSMIC RADIATIONS, RADIO-FREQUENCY

Absorption of cosmic radio emission during the magnetic storm of the July 15, 1959. E. A. Benediktov, IU. [illegible] robkov. Izv. vys. ucheb. zav., radiofiz. 3 no. 2 [illegible] '60.

Measurement of the intensity of discrete sources of [illegible] ric waves by use of a method involving compen[illegible] distrubuted cosmic radiation. N. M. Tseitlin. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:334-336 '60.

Polarization of nonthermal Galactic radio emission and of radio emission from the Crab nebula. V. V. [illegible] Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:165-170 '60.

COSMIC RAYS

Diurnal intensity variations of cosmic rays in Tikhaya Bay. I. O. Konstantinov. Probl. Arkt. i Antarkt. no. [illegible] 41-48 '60.

Energy spectra of the electron-photon component in broad atmospheric showers near the shower axis [with summary in English] O. I. Dovzhenko, S. I. Nikol'[illegible] I. V Rakobol'skaia Zhur eksp. i teor. fiz 38 no. [illegible] 1361-1369 My '60

Experimental investigation of the energy spectrum of the penetrating component in extensive showers [with summary in English] E. L. Andronikashvili, R. [illegible] Kazarov Zhur. eksp i teor. fiz. 38 no 3 [illegible] Mr '60.

External radiation belt of the earth. S. A. Slavatinsk[illegible] Priroda 49 no 7 3-6 Jl '60

COSMIC RAYS (Continued)

Fluctuation in the angular distribution of secondary particles of explosive showers [with summary in English] B A Nikol'skii, A P Mishakova Zhur eksp i teor fiz 38 no 5 1507-1511 My '60

Important problem in the physics of high-energy particles studying the elementary acts of nucleon-nucleon interactions in cosmic rays N. A. Dobrotin. Vest AN SSSR 30 no. 7:21-27 Jl '60.

Magnetic "trap" on the road to outer space. I. Ivanenko. Tekh. mol. 28 no 5 35-36 '60.

The present-day stage of the problem of the origin of cosmic rays. V. L Ginzburg, S. I. Syrovatskii. Usp fiz nauk 71 no 3 411-469 Jl '60

When the sun is guilty. Andrei Emme. Ogonek 38 no. 31:18-19 Jl '60.

COST AND STANDARD OF LIVING

(see also subdivision under Cuba; Europe, Western, Israel)

What is the present level of real wages in our country? V. Andreev. Otv. na vop. trud. no 115:35-39 '60.

COSTER, CHARLES THEODORE HENRI DE, 1827-1879

Mytskevych, D. P. [Charles de Coster and the formation of realism in Belgian literature] Sharl' De Koster i stanovlenie realizma v bel'giiskoi literature. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 203 p.

COSTS, INDUSTRIAL

(see also subdivision under Moscow)

Influence of the loss of working time on the cost of a product. N. Bakaev. Nauch. dokl. vys. shkoly; ekon. nauki no. 2:147-149 '60.

On the problem of the organization of production accounting and calculation of production costs. A. Chirkov. Bukhg. uchet 17 no. 6:45-47 Je '60.

Planning and accounting for production costs under the new bonus system. IU. Allakh inskii. Bukhg. uchet 17 no. 6 48-50 Je '60.

Probst, A. E., [Method of determining the economic efficiency of modern technology] Ekonomicheskaia effektivnost' novoi tekhniki; metodologiia opredeleniia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 215 p.

COSTUME

Letters to the editor. Iskusstvo 23 no. 6:79-80 '60.

COTTON

Effect of trace elements on the intensity of respiration and photosynthesis in cotton leaves at different temperatures [in Azerbaijani with summary in Russian] A. Kh Tagi-zade Uch zap AGU Biol ser. no 1,83-86 '59

Equilibrium moisture content of raw cotton. K. Sh. Shakirov. Izv. AN Uz. SSR. Ser. tekh. nauk. no. 3:15-20 '60.

Manufacture of cotton-rayon mixture fabrics. Z. I. Labuzova, E. G. Ivanova. Tekst. prom. 20 no. 7:29-32 Jl '60.

Structure of the secondary cotton fiber wall. N. V. Kordub. Tekst. prom. 20 no. 7:19-22 Jl '60.

Translocation of organic substances for cotton leaves during defoliation. M. Z. Zakirov. Uzb. biol. zhur. no. 3:9-15 '60

COTTON—DISEASES AND PESTS

Effect of boron, manganese and copper on the resistance of the cotton plant to cotton aphids [in Azerbaijani with summary in Russian]. A. A. Abdinbekova. Dokl. AN Azerb. SSR 16 no. 3:299-302 '60.

COTTON—IRRIGATION see subdivision under Tashkent Province

COTTON—VARIETIES

Physiological and biochemical study of different varieties of cotton plants. E. Lukicheva. Vest. AN Kazakh. SSR 16 no. 5:90-91 My '60.

COTTON GROWING see subdivision under Uzbekistan

COTTON MACHINERY

Using cotton machinery for processing low-count rayon fibers mixed with cotton. G. A. Terent'ev. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:72-85 '60.

COTTON-PICKING MACHINERY

Rotating speed of vertical-spindle cotton pickers. N. S. Miunster. Izv. AN Uz. SSR. Ser. tekh. nauk. no. 3:20-37 '60

COTTON SPINNING

Movement of the fibrous material in the free draft area. E. A. Gal'perin. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:66-72 '60.

COTTON YARN

Commenting on T. A. Frolova's work "Structural unevenness of cotton yarn and roving." V Zhurok. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:158-159 '60.

Effect of structure on the strength of twisted cotton yarn. L. Sh. Glikman. Izv. vys. ucheb. zav., tekh. test. prom. no. 3:9-13 '60.

Treating cotton fibers with organic solvents to increase the friction force between separate fibers. Sh. Iskhakov, Kh. U. Usmanov, V. K. Bukina. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:31-33 '60.

COTTONSEED

Heterogeneity of cottonseed. V. P Solov'ev. Uzb biol zhur. no. 3,16-22 '60.

COUMARIN

Coumarins of Onidium dubium (Schkuhr) Thell V T. Chernobai D G Kolesnikov Dokl AN SSSR 133 no 1 233-235 Jl '60

COUNCILS, ECONOMIC see Economic councils

COUPLINGS—TESTING

Calculating dimensions by means of rollers for checking splined joints with an involute profile. V. V. Kireev. Vest mash. 40 no 7:24-25 Jl '60.

COURAGE

Courage and heroic acts ("Audacity courage, and intrepidity " Reviewed by V Pavlov) Mol komm no 7 126-127 Jl '60

Daring and risk. V. A. Kuznetsov. Vest. Vozd. Fl. no. 7: 19-25 Jl '60.

Developing willpower in flight cadets. I. P. Poliakov. Vest. Vozd. Fl. no. 7:26-31 Jl '60.

A word about heroism. S. Borzenko. Smena 37 no. 15: 21 Ag '60.

COURTS

(see also subdivision under Leningrad, Stavropol)

Brief news Biul Verkh Suda no 4 63 '60

COWS

Sun in cow barns. M. Lesovoi. Znan. sila 35 no. 6:30 Je '60.

COWS—PHYSIOLOGY

Change in the butterfat content of milk in relation to the biochemical processes in the rumen. Preliminary report. T. U. Izmailov. Trudy Inst. fiziol. AN Kazakh SSR 2:117-119 '59.

Influence of some biochemical processes in the rumen on the quality of butterfat of cows. B. N. Nikitin. Trudy Inst. fiziol. AN Kazakh SSR 2,110-116 '59.

Interrelation of the biochemical processes of the rumen and butterfat production in cows during pasturage. B. N. Nikitin. Trudy Inst. fiziol. AN Kazakh SSR 2 106-109 '59.

COXALGIA see Hip joint—Diseases

CRACKING PROCESS

(see also subdivision under United States)

Automatic control of the catalyst circulation system in a catalyst cracking unit. A. F. Anisimov, A. G. Samarskii, IU. A. Alekseev. Khim. i tekh. topl. i masel 5 no. 6:1-6 Je '60.

Calculation of the kinetics of the process taking place in the reactor from the data of modeling experiments with a single pellet. D. P. Dobychin, TS M Klibanova, O M. Todes Zhur. prikl. khim. 33 no. 7:1519-1526 Jl '60

Catalytic cracking of thermally cracked kerosene. N. M. Indiukov, M. F. Kabanova. Khim. i tekh. topl. i masel 5 no. 5:8-11 My '60.

Effect of the linear velocity of flow in cracking on the deposition of coke on an aluminosilicate catalyst D. P. Dobychin, L. A. Kachur Zhur. prikl khim. 33 no. 7 1514-1519 Jl '60.

Evaluation of the activity of catalysts employed in cracking K V. Topchieva, B. V. Romanovskii, S. A Ven'iaminov Vest. Mosk un Ser. 2: Khim 15 no. 1 3-10 '60

Increasing the temperature of the preliminary heating of raw materials in catalytic cracking units. A. A. Aliev. Neftianik 5 no. 6:13-14 Je '60.

Inhibition of hydrocarbon cracking in fused sodium and in potassium hydroxide A V Topchiev and others Dokl AN SSSR 133 no 1 134-137 Jl '60

Kinetics and mechanism of cracking of paraffinic hydrocarbons. Influence of the heterogeneity factor on the kinetics and mechanism of cracking of ethane and propane [with summary in English]. Zhur. fiz. khim. 34 no. 7:1488-1494 Jl '60.

Mechanical coke removal from thermal cracking chambers. Vas. Ivanov. Neftianik 5 no. 6:26 Je '60.

Problems in modernizing and reconstructing plants for catalytic cracking, using a moving bed of granulated aluminosilicate catalyst. S. V. Goncharov. Khim. i tekh. topl. i masel 5 no. 5:56-65 My '60.

Selection of a catalyst for cracking residual petroleum fractions, and study of poisoning of the catalyst during the process. A. V. Agafonov, I. E. Gel'ms, E. I. Rabinovich. Khim. i tekh. topl. i masel 5 no. 6 6-12 Je '60.

Thermal cracking of methane [with summary in English]. P. S. Shantarovich, B. V. Pavlov. Zhur. fiz. khim. 34 no. 5,960-965 My '60.

CRANES (BIRDS) see subdivision under Akmolinsk Province

CRANES, DERRICKS, ETC.

(see also subdivision under Leningrad)

Additional possibilities for economizing materials. R. I. Rozov. Prom. stroi. 38 no. 7:63-64 '60.

Assembling a gantry crane. A. E. IAtsenko. Mont. i spets. rab. v stroi. 22 no. 7:12-14 Jl '60.

Assembly weight of precast elements and the use of cranes V. M. Usenko Prom stroi. 38 no 6:47-48 '60.

Alaev, S. S. [Mechanization of operations in modern housing construction, mechanization of conveying and assembling operations] Mekhanizatsiia rabot v sovremennom zhilishchnom stroitel'stve, mekhanizatsiia transportno-montazhnykh rabot. Pod red F. P. Vinokurova. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1960. 356 p.

Crane tracks M G Krichevskii Mekh stroi 17 no 5 15 My '60

Cranes for mass housing construction. L. I. Kozlovskii, E. I Blinglass. Stroi i dor. mashinostr. 5 no. 6:34-39 Je '60

The KTS-5-10 and KTS-3-5 mobile tower cranes. G. P. Tarakanov, M. V. Pustil'nikov Biul. tekh -ekon inform. no 7 37-40 '60.

Modernization of rail-mounted steam cranes. S. M. TSimberg Transp. stroi. 10 no. 6 38-40 Je '60

New assembling cranes P A Zimin Mont i spets rab v stroi 22 no 6 9-15 Je '60

New methods for assembling towers of cable cranes L I Mazo Mont i spets rab v stroi 22 no 6 16-18 Je '60

Safety control panel. M. Azaikh, V. Sidorov. Nauka i zhizn' 27 no 7,67 Jl '60

The SBK-1 crane without a gantry. A. Gorbachev. Stroi. i arkhit Len. 22 no 6,26-27 '60.

Tubular jibs for motor cranes. A. Kodkin. Stroitel' no. 6:24 Je '60.

Ways of increasing the rated output of cranes M Mekler. Stroi. i arkhit 8 no 7:29-30 Jl '60.

CRANES, DERRICKS, ETC.—BRAKES

Heating of crane shoe brakes. A. I. Pestov. Izv. vys. ucheb. zav., mashinostr. no. 5:95-100 '60.

Improving the design of jib-crane brakes A Kodkin Stroi i arkhit Mosk 9 no 5 31-32 My '60

CRANES, DERRICKS, ETC —SAFETY APPLIANCES

Cranes must be operated without accidents. N. A. Lasunov, D. F. Lazarev. Transp. stroi. 10 no. 5:35-37 My '60.

Erofeev, N. I. [Safety and signaling appliances for cranes] Predokhranitel'nye i signalizatsionnye ustroistva kranov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 102 p.

CRANES, DERRICKS, ETC.—TRANSPORTATION

Moving tower cranes without dismantling them. Zhil. stroi. no. 6:17 Je '60.

CRANIOLOGY see subdivision under Georgia

CRANKS AND CRANKSHAFTS

Selecting an efficient system of crankgears. A. T. Gavarov. Izv. vys. ucheb. zav., mashinostr. no. 6:76-80 '60.

CRAWLER TRACTORS

Bitumen trailer on a caterpillar crawler chassis. I. A. Fatkin. Stroi. truboprov. 5 no 6:25-26 Je '60.

Gaivoronskii, A. G., and V. I. Gorozhankin. [The DT-54 tractor] Traktor DT-54. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 237 p.

Some problems in the dynamometry of an agricultural crawler tractor. V. M. Apukhtin, V. P. Zablotskii, A. A. Khlus. Izv. vys. ucheb. zav.; mashinostr. no. 5: 159-164 '60.

CRAWLER TRACTORS—DYNAMICS

Determining the tractive resistance and the efficiency of the running gear of a tractor. A. V. Vasil'ev, O. L. Utkin-Liubovtsov. Trudy NATI no. 20:89-107 '60.

CRAWLER TRACTORS—DYNAMICS—MEASUREMENT

Measurement techniques in using strain-measuring points of tractors. A. V. Vasil'ev, S. P. Volkov, E. N. Dokuchaeva. Trudy NATI no. 20:52-71 '60.

Theoretical and engineering bases for developing special strain-measuring points. A. V. Vasil'ev. Trudy NATI no. 20:3-51 '60.

Using a strain-measuring shoe in measuring the reaction of ground to the crawler. A. V. Vasil'ev, S. P. Volkov. Trudy NATI no. 20:72-88 '60.

CREASE-RESISTANT FABRICS see subdivision under Poland

CREATIVE ACTIVITIES AND SEAT WORK

Formation of visual and motor coordination in the process of seat work. G. P. Pozdnova. Dokl. APN no. 4: 81-84 '59.

CREDIT

Aid technological progress with credit. G. Ivanovskii, K. Sukhova, A. Aiushiev. Den. i kred. 18 no. 7:16-28 Jl '60.

Effect of credit on the consolidation of business accounting. A. Petrov. Den. i kred. 18 no. 7:29-39 Jl '60.

Kliuchnikov, K. I. [Collection of problems on credit organization and planning] Sbornik zadach po organizatsii i planirovaniiu kredita. Moskva, Gosfinizdat, 1960. 223 p.

Useful aids for bank workers. IU. Shenger. Den. i kred. 18 no. 7:85-86 Jl '60.

Vainshtein, E. G., and M. M. IAmpol'skii. [Issuing credit for fixed assets] Kreditovanie zatrat v osnovnye fondy. Moskva, Gosfinizdat, 1960. 78 p.

CREDIT—CONGRESSES

An interuniversity academic conference on problems of supplying credit to the national economy, credit planning and control through the ruble. L.Levchuk. Den.i kred. 18 no.7·71-75 Jl '60.

CREEP OF MATERIALS

Gol'denblat, I.I and N A Nikolaenko [Creep and bearing capacity of shells] Polzuchest' i nesushchaia sposobnost' obolochek Moskva, Gos izd-vo lit-ry po stroit., arkhit i stroit mat 1960 57 p [Akademiia stroitel'stva i arkhitektury SSSR Institut stroitel'nykh konstruktsii Nauchnoe soobshchenie, no 13)

CREEP OF METALS

Brittle failure of metals under creep conditions. N.E. Karskii [Trudy] TSNIITMASH 100:26-41 '59.

Checking creep in superheated steam supply lines during use M S Maslennikov. Energokhoz za rub no.3 20-23 My-Je '60

Effect of crystal structure defects on the creep activation energy. I.IA.Dekhtiar. Izv.vys.ucheb.zav.,fiz. no.3:165-169 '60.

Machine for testing metals for creep and long-period strength in a vacuum. A.L.Sotnichenko. Zav.lab. 26 no.6 760-762 '60.

Studying the creep of a rotating tube on the basis of integral operator equations [with summary in English] M L Rozovs'kyi Dop AN URSR no 3 309-313 '60

CRETINISM see subdivision under Transcarpathia

CRIME AND CRIMINALS

(see also subdivision under United States)

Basic principles of criminal responsibility. G.Kriger. Sov.iust. no.7 7-9 Jl '60.

Crime prevention and the study of crime. A.A.Gertsenzon. Sov.gos.i pravo no.7·78-88 Jl '60

From the courtroom Mikh TSunts Novyi mir 36 no 6 279-281 Je '60

Our efforts to eliminate criminal offenses in the U.S.S.R. V A.Serebriakova. Sov.gos i pravo no.7·181-182 Jl '60.

Schubert, Ladislav. [Harmful social effects of criminal offenses, Translated from the Slovak] Ob obshchestvennoi opasnosti prestupnogo deianiia. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 237 p.

The study of crime. V.N.Roshchin, M.P.Lashin. Sov.gos.i pravo no 7 168-172 Jl '60.

CRIME PREVENTION

(see also subdivision under Bendery, Ukraine)

Conference of Minsk lawyers Vestsi AN BSSR.Ser hram nav no 2 135 '60

Crime prevention and the study of crime. A.A Gertsenzon. Sov.gos.i pravo no.7:78-88 Jl '60

Our people struggle against criminal offenses. V.Z. Zalesskii. Sov.gos.i pravo no.7·186-188 Jl '60.

Our people will help us to improve the methods of criminal investigation and intensify the struggle against criminal offenses. P.Kudriavtsev. Sots zakon. 37 no.6·8-15 Je '60.

Our readers discuss the contacts of public prosecutors and courts with the people. Sots.zakon. 37 no.6;52-54 Je '60.

Problems concerning crime prevention in the U.S.S.R. N.V.Liass. Sov gos.i pravo no.7·182-186 Jl '60.

The role of our people in the strengthening of law and order. D.P.Rasseikin, G.I.Minasian. Sov.gos.i pravo no.7·188-190 Jl '60.

CRIMEA—ANIMAL-WORSHIP

Animal worship in Bronze Age burials in Crimea. A.A. Shchepinskii, Krat.soob.Inst.arkheol AN URSR no.9:67-72 '60.

CRIMEA—ANTHRAXOLITE

New find of anthraxolite in the Crimea. G.A.Bulkin, Zap.Vses.min.ob-va 89 no.2:234-235 '60.

CRIMEA—ASCOMYCETES

New species of fungi found on Hypericum alpestre Stev. in the Crimea. S.A.Gutskevich. Bot.mat.Otd.spor.rast. 13·183-187 '60.

New species of fungi found on Thymus and Sideritis in the Crimea. S.A.Gutsevich. Bot.mat.Otd.spor.rast 13·176-183 '60.

Some new species of fungi collected in the Crimea. S.A. Gutsevich. Bot.mat.Otd.spor.rast. 13:190-196 '60.

CRIMEA—ASTRONOMICAL OBSERVATORIES

Into the depths of the universe. Nauka i zhyttia 10 no.6: 50-51 Je '60.

CRIMEA—BANKS AND BANKING—AUDITING AND INSPECTION

On auditing work. Z.Vulitskii, Den.i kred. 18 no.8: 45-46 Ag '60.

CRIMEA—DEUTEROMYCETES

New species of fungi found on Hypericum alpestre Stev. in the Crimea. S.A.Gutskevich. Bot.mat.Otd.spor. rast. 13·183-187 '60.

New species of fungi on Phellodendron amurense Rupr. and Adenophora taurica Sukacz., collected in the Crimea. S.A.Gutsevich. Bot.mat.Otd.spor.rast. 13·264-268 '60.

New species of fungi found on Thymus and Sideritis in the Crimea S.A.Gutsevich. Bot.mat.Otd.spor.rast. 13: 176-183 '60.

New species of fungi from the Crimean steppes. S.A. Gutsevich. Bot.mat.Otd.spor.rast. 13·255-264 '60.

New species of fungi of the genus Septoria in the Crimea. S.A.Gutsevich. Bot.mat.Otd.spor.rast. 13·268-270 '60.

Some new species of fungi collected in the Crimea. S.A. Gutsevich. Bot.mat.Otd.spor.rast. 13:190-196 '60.

CRIMEA—DORMITORIES

Dormitories built of lightweight large-panel construction elements V.IUrkov Stroi i arkhit 8 no 5·15-17 My '60

CRIMEA—ECONOMIC POLICY

[Crimean Province of the Ukrainian S.S.R. in the seven-year period, 1959-1965] Krymskaia oblast' Ukrainskoi SSR v semiletii, 1959-1965. [Simferopol', Krymizdat, 1959, 20 l.] (chiefly illus.)

CRIMEA—FRUIT CULTURE

New orchards have covered our steppes. Iv.Bilokobyl's'kyi, B.Anysenko. Nauka i zhyttia 10 no.7 31 Jl '60.

CRIMEA—FUNGI, PHYTOPATHOGENIC

New rare species of Micromycetes from the southern coast of the Crimea. M.A.Bondartseva. Bot.mat.Otd. spor.rast. 13:197-207 '60.

CRIMEA—GEOLOGY

Middle Jurassic stratigraphy and tectonics of the southern wing of the Kacha anticlinorium (Crimea). V.V.Bobylev. Izv.vys.ucheb.zav., geol.i razv. 3 no.1:28-36 Ja '60.

CRIMEA—GUIDEBOOKS

Khokhriakov, IU.A. [Southern shores of the Crimea; an account of the regional lore] IUzhnyi bereg Kryma; kraevedcheskii ocherk. Simferopol', Krymizdat, 1960. 175 p.

CRIMEA—KARST

Studies of karst caves in the Crimean mountain region by the General Karst Expedition of the Ukrainian Academy of Sciences in 1959. B.M.Ivanov, V.M.Dublians'kyi, O.I.Dombrovs'kyi. Dop.AN URSR no.4 553-555 '60.

CRIMEA—PLANT BREEDING

A botanical poem. Mykhailo Kovba. Ukraina no.15;12-13 Ag '60.

CRIMEA—REGIONAL PLANNING

Regional planning of the southwestern shores of the Crimea M Sival'nev Stroi.i arkhit 6 no 5;9-10 My '60

CRIMEA—SALVIA

A new species of Salvia from the Crimea B.M.Zefirov. Bot mat.Gerb 20 275-278 '60

CRIMEA—SEDIMENTS (GEOLOGY)

Stratigraphy, facies, and formations of Jurassic sediments in the Crimea [with summary in English]. M.V.Muratov, I.V.Arkhipov, E.A.Uspenskaia. Biul.MOIP.Otd.geol. 35 no.1;87-97 Ja-F '60.

CRIMEA—TROLLEY BUSES

Bus roads. L.V.Novikov. Avt.dor. 23 no.7:25 Jl '60.

CRIMEAN MOUNTAINS—PINE

Growth of pines in the Crimean Mountains as an indicator of environmental conditions [with summary in English]. I.L.Krylova. Biul.MOIP.Otd.biol. 65 no.1:91-100 Ja-F '60.

CRIMES, POLITICAL see Political crimes and offenses

CRIMINAL INVESTIGATION

In the Office of the Public Prosecutor of the U.S.S.R. Sots.zakon. 37 no.6:57-65 Je '60.

Our people will help us to improve the methods of criminal investigation and intensify the struggle against criminal offenses. P.Kudriavtsev. Sots.zakon. 37 no.6;8-15 Je '60.

CRIMINAL JUSTICE, ADMINISTRATION OF

Kommunisticheskaia partiia Sovetskogo Soiuza, Vysshaia partiinaia shkola. [The Soviet people guard the observance of socialist legality] Sovetskaia obshchestvennost' na strazhe sotsialisticheskoi zakonnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 273 p.

CRIMINAL LAW

(see also subdivision under Germany, East; Uzbekistan)

Laws should correspond to the needs of life. V.Baskov. Sots.zakon. 37 no.6:70-72 Je '60.

CRIMINAL PROCEDURE—STUDY AND TEACHING

Work of the criminal investigation study room at the Office of the Public Prosecutor of Gomel' Province. N.Gudkov. Sots.zakon. 37 no.6:73 Je '60.

CRIPPLES see Physically handicapped

CRITICAL POINT

Critical phenomena in the system hexamethylenimine - water. Part 3: Diffusion in the vicinity of the critical point [with summary in English]. I.R.Krichevskii, N.E.Khazanova, IU.V.TSekhanskaia. Zhur.fiz.khim. 34 no.6 1250-1254 Je '60.

CRONIN, ARCHIBALD JOSEPH, 1896-

Tragedy of an artist in a bourgeois society ("Grave of a crusader"; a novel by A.Cronin. Reviewed by A.Bolarintsev). Sov.Ukr. 10 no.8:178-170 Ag '60.

CROPS AND CLIMATE see subdivision under Armenia

CROSSWORD PUZZLES

How to compose a crossword puzzle Rabotnitsa 17 no 5 32 My '60

CROTONALDEHYDE

Influence of paraldehyde on the photometric determination of crotonaldehyde [with summary in English] V.S Ivanov, V F TSvetkov Zhur anal khim 15 no 2 245-247 Mr-Ap '60

CROTONIC ACID

Kinetics of chlorine exchange in isomeric β-chlorocrotonic acids. Part 4: Exchange of chlorine with sodium benzilate in esters of cis-β-chlorocrotonic acid [with summary in English]. T.A.Kudriavtseva, N.M.Chirkov. Zhur.fiz.khim. 34 no 6:1307-1311 Je '60.

CROUP

Clinical aspects of influenzal croup in children K V Bliumental' Vop okh mat i det 5 no 3 12-16 My Je '60

CROWS see subdivision under Alakul' region (Kazakhstan)

CRUCIBLES

Induction furnace crucibles made of heat-resistant concrete. V.S.Sassa. Lit.proizv. no.7:42-43 Jl '60.

CRUELTY TO CHILDREN

I have found my mother! G.D.Shepelev. Sem'ia i shkola 15 no 5 27 My '60

CRUSADES

Zaborov, M.A. [Papacy and crusades] Papstvo i krestovye pokhody. Moskva, Izd-vo Akad.nauk SSSR, 1960. 202 p. (Nauchno-populiarnaia seriia)

CRUSHED STONE see Stone, Crushed

CRUSHING MACHINERY

Fadeev, V.I [Modern equipment for the crushing and comminution of ores] Sovremennoe oborudovanie dlia droblenia i izmel'chenia rud. Leningrad, 1959 241 p (Leningrad Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh Trudy, no 123)

New SM-204A jaw crusher. V.A.Strel'tsov. Stroi.i dor. mashinostr. 5 no.7:17-18 Jl '60.

SB-2 ball loading device. A.V.Shtenger, G.M.Bobrov. TSvet.met. 33 no.5:71-73 My '60.

Testing an industrial ball mill with various drum lengths [with summary in English, p.2]. S.A.Kaganovich, K.IA.Poliferov. Teploenergetika 7 no.7:44-51 Jl '60.

CRUSHING MACHINERY—ELECTRIC DRIVING

Increasing the output of mills without an increase in power of their motors. V.IA.Ozolin. Gor.zhur. no.7:75 Jl '60.

CRUSTACEA

Relation between phototaxis in some crustaceans and the state of sulfydryl groups in some protein bodies [with summary in English]. N.A.Smirnova. Zool.zhur. 39 no.7:1012-1017 Jl '60.

CRYING

It isn't only Natasha who asks Zdorov'e 6 no 6 15 Je '60.

CRYOLITE

Gas absorption and the regeneration of cryolite in aluminum production. G.M.Ginodman, G.S Tokmadzhian TSvet.met. 33 no 7:54-58 Jl '60.

CRYOSTAT

Cryostat for neutrnographic investigations [with summary in English] R A.Alikhanov. Zhur eksp i teor fiz. 38 no.3:806-808 Mr '60.

Helium cryostat without liquid nitrogen cooling. A.B. Fradkov. Dokl.AN SSSR 133 no.4:829-830 Ag '60.

CRYSTAL LATTICES

Cayley squares for cubic point groups. N.V.Belov, T.N. Tarkhova. Kristallografiia 5 no.1:120-134 Ja-F '60.

Comments on the article by V.R.Golik, G.A.Sirenko, V.I.Khotkevich "X-ray study of the distortion of crystal lattices of metals deformed at low temperatures." B.I. Smirnov. Fiz.met.i metalloved. 9 no.6·936-937 Je '60.

Coordination number and the structure of liquid metals. IA.I.Dutchak. Fiz.met.i metalloved. 9 no.6:888-891 Je '60.

Cottrell atmosphere in diluted solid solutions. V.M.Danilenko. Fiz.met.i metalloved. 9 no.6:810-814 Je '60.

CRYSTAL LATTICES (Continued)

Determining the number of independent parameters of long-range and short-range order in multi-component solid solutions. A. N. Men'. Fiz. met. i metalloved. 9 no.6:801-809 Je '60.
Dynamics of the Barkhausen jump. A. M. Rodichev, V. A. Ignatchenko. Fiz. met. i metalloved. 9 no.6:903-908 Je '60.
Formation of bands with a reoriented lattice in the deformation of single crystals and polycrystals. A. A. Urusovskaia. Itogi nauki: Fiz.-mat. nauki 3:75-116 '60.
Investigating the causes of diffusion activity in distorted crystal structures. Part 5. Causes of diffusion activity in metals with macroscopically heterogenous structures. IA. E. Geguzin. Fiz. met. i metalloved. 9 no.6:842-851 Je '60.
Investigating the structure of crystal lattices and the density of dislocations during phase transformations. L. I. Mirkin, IA. S. Umanskii. Fiz. met. i metalloved. 9 no.6:897-902 Je '60.
Phase transitions without change in the number of atoms in the unit cell of a crystal. V. L. Indenbom. Kristallografiia 5 no.1:115-125 Ja-F '60.
Precision measurements of unit cell parameters (determination of the parameter of tungsten). M. M. Umanskii, V. V. Zubenko, Z. K. Zolina. Kristallografiia 5 no.1: 51-55 Ja-F '60.
Producing the pole figures of texturized metal by the electronographic method. IU. I. Sozin. Fiz. met. i metalloved. 9 no.6:892-896 Je '60.
Republic conference on problems regarding "Defects in the crystalline structure and properties of metals and alloys." I. IA. Dekhtiar. Dop. AN URSR no.3 304-306 '60
Solubility of impurities in solids. V. M. Danilenko. Fiz. met. i metalloved. 9 no.6:940-942 Je '60.
X-ray determination of the distortion of crystal lattices. V. R. Golik and others. [Response to the comments made by B. I. Smirnov]. Fiz. met. i metalloved. 9 no.6:937-938 Je '60.

CRYSTAL OPTICS

Relation between the structure of exciton zones and natural optical activity of crystals [with summary in English]. IU. A. TSvirko. Zhur. eksp. i teor. fiz. 38 no.5 1615-1619 My '60.

CRYSTALLIZATION

Calculation of the movement of the crystallization front in a supercooled cloud acted upon by solid CO_2. A. G. Kolesnikov, V. I. Beliaev. Dokl. AN SSSR 133 no.4: 835-837 Ag '60.
Casting through a vibrating pouring device. G. F. Balandin and others. Lit. proizv. no.7:34-36 Je '60.
Condition for the stability of the plane interface between the solid and the liquid phase during the crystallization of a binary alloy. D. E. Temkin. Dokl. AN SSSR 133 no.1 174-177 Jl '60.
Mechanism of the effect of small amounts of electrolytes on the strength of the crystal structure formed by solidification. E. E. Segalova, Z. N. Markina, P. A. Rebinder. Dokl. AN SSSR 133 no.3:630-632 Jl '60.
Methods of studying recrystallization. L. N. Aleksandrov. Izv. vys. ucheb. zav.; chern. met. no.6:103-106 '60
Viscosity method used for determining the start of crystallization in alloys. V. M. Glazov, S. N. Chizhevskaia. Zav. lab. 26 no.6:720-723 '60.

CRYSTALLOGRAPHY

Determination of the orientation of crystal grains in cubic systems from chemical etching formations with the use of a microscope. D. N. Vasil'kovskii. Trudy SAGU no.148:20-14 '59.
Outlooks for the development of crystallography in the light of decisions of the 21st Congress of the Communist Party of the Soviet Union. A. V. Shubnikov. Kristallografiia 5 no.1:3-14 Ja-F '60.
Research problems in the crystal chemistry and crystal physics of organic substances. A. I. Kitaigorodskii. Kristallografiia 5 no.1:19-23 Ja-F '60.

CRYSTALLOGRAPHY, MATHEMATICAL

New optical orientation diagrams of potassium-sodium feldspars. A. S. Marfunin. Dokl. AN SSSR 133 no.4: 939-942 Ag '60.
Tables for the determination of symbols by spherical coordinates. V. V. Nardov. Uch. zap. LGU no.291: 173-178 '60.

CRYSTALS

Effect of certain physicomechanical properties of crystals on the processes of their grinding [with summary in English]. L. F. Grigor'eva. Inzh.-fiz. zhur. no.2:36-40 F '60.
Effect of heat conductivity on the absorption of sound in crystals [with summary in English]. L. A. Svergunenko. Inzh.-fiz. zhur. no.7:117-120 Jl '60.
Effective method of establishing equilibrium between the crystalline phase and the solution. N. B. Mikheev. Zhur. neorg. khim. 5 no.5:1146-1148 My '60.
Identification of excitons with light waves in a crystal and the macroscopic theory of excitons with and without account for retardation [with summary in English]. S. I. Pekar. Zhur. eksp. i teor. fiz. 38 no.6:1786-1797 Je '60.
Interaction between a microimpurity and the surface of crystals. I. V. Melikhov, TSiu Siao-si, M. S. Merkulova. Dokl. AN SSSR 133 no.2:401-404 Jl '60.
Modern representations of the structure and properties of grain boundaries. V. F. Miuskov. Itogi nauki: Fiz.-mat. nauki 3 159-210 '60.
Physical bases of the plasticity and strength of crystals. M. V. Klassen-Nekliudova. Itogi nauki: Fiz.-mat. nauki 3 5-11 '60.
Plastic bending unattended by the asterism of Laue diffraction patterns. A. A. Urusovskaia. Itogi nauki: Fiz.-mat. nauki 3:67-74 '60.
Temperature and time dependence of the characteristics of single crystal plasticity. V. R. Regel'. Itogi nauki: Fiz.-mat. nauki 3:12-66 '60.
Theory of resonance interaction of gamma quanta in crystals. M. V. Kazarnovskii. Zhur. eksp. i teor. fiz. 38 no.5 1652-1654 My '60.
Width of the magnetic resonance line in dilute paramagnetic single crystals with an anisotropic g-factor. N. G. Koloskova, U. Kh. Kopvillem. Izv. vys. ucheb. zav.; fiz. no.3:223-229 '60.

CRYSTALS—DEFECTS

Effect of crystal structure defects on the creep activation energy. I. IA. Dekhtiar. Izv. vys. ucheb. zav.; fiz. no.3:165-169 '60.
Generation and development of cracks in crystals subjected to deformation. L. A. Kochanova and others. Dokl. AN SSSR 133 no.1 71-73 Jl '60
Relationship between the colors of metals and their textural defects. S. M. Stishov. Zap. Vses. min. ob-va 89 no.2:166-170 '60

CRYSTALS—GROWTH

Effect of the alloying elements on the kinetics of the growth of carbide phase crystals in isothermic tempering. M. P. Arbuzov. Izv. vys. ucheb. zav.; fiz. no.3 76-82 '60.
Growth of NaI (Tl) single crystals with doubly controlled temperature. B. A. Belikovich, A. B. Lyskovich. Kristallografiia 5 no.1:126-128 Ja-F '60.
Spiral growth layers on sodium niobate crystals. N. V. Gliki, V. A. Timofeeva. Kristallografiia 5 no.1:105-107 Ja-F '60.

CUBA

Cuba. Blok agit [Ukr.] no.18:61-63 Je '60

CUBA—AGRICULTURAL POLICY

Cuba, the year of liberation and the year of agrarian reform. A. Kalinin. Mir ekon. i mezhdunar. otn. no.7: 58-60 Jl '60.

CUBA—COMMERCE

"... Cuba begins to establish trade with all countries of the world." Vnesh. torg. 30 no.7:12 '60.

CUBA—COMMERCE—RUSSIA

Economic mission of Cuba in Moscow. A. Babadzhanian. Vnesh. torg. 30 no.7 9-11 '60.

CUBA—COST AND STANDARD OF LIVING

Cuba as a free country. V. E. Castro. Zhen. mira no.6: 11-14 '60.

CUBA—FOREIGN ECONOMIC RELATIONS

Cuba, the year of liberation and the year of agrarian reform. A. Kalinin. Mir. ekon. i mezhdunar. otn. no.7: 58-69 Jl '60.

CUBA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Trade and cultural relations between the Soviet Union and Cuba. Vnesh. torg. 30 no.7:13 '60.

CUBA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Cuba forewarned. Mezhdunar. zhizn' 7 no.8:121-123 Ag '60.
David and Goliath. Nov. vrem. 18 no.28:2-3 Jl '60.

CUBA—FOREIGN RELATIONS—GUATEMALA

Living on a volcano. Nov. vrem. 18 no.31:23 Jl '60.

CUBA—FOREIGN RELATIONS—UNITED STATES

Cuba and the United States. Nov. vrem. 18 no.31:2-3 Jl '60.
Prisoners of obsolete conceptions. Nov. vrem. 18 no.29 21 Jl '60

CUBA—GOVERNMENT OWNERSHIP

David and Goliath. Nov. vrem. 18 no.28:2-3 Jl '60.

CUBA—HELICOPTERS

Soviet helicopters in Havana. Grazhd. av. 17 no.5:16-17 My '60.

CUBA—LAND TENURE

Agrarian reform in Cuba. IU. Onufriev. Ekon. sel'khoz. 31 no.6 116-119 Je '60

CUBA—MOTION-PICTURE PLAYS

Cuban diary. Cesare Zavattini. Inostr. lit. no.8:227-230 Ag '60.

CUBA—POLITICS AND GOVERNMENT

Cuba as a free country. V. E. Castro. Zhen. mira no.6: 11-14 '60.
Cuba tries to strengthen its independence. Sh. Utegenov. Part. zhizn' Kazakh. 30 no.5:58-61 My '60.
Democratic reforms in Cuba. Blok agit [Ukr.] no.14 62-64 My '60
Hearts dedicated to the revolution. V. Mashkin. Smena 37 no.15:20 Ag '60.
What happened in Cuba (to be continued). Genrikh Borovik. Ogonek 38 no.27 22-25 Jl '60
What happened in Cuba (to be concluded). Genrikh Borovik. Ogonek 38 no.29 28-31 Jl '60
What has happened in Cuba. Genrikh Borovik. Ogonek 38 no.30:26-30 Jl '60.
What has happened in Cuba (to be continued). Genrikh Borovik. Ogonek 38 no.28 25-28 Jl '60.
With faith in the future. Simone de Beauvoir. Inostr. lit. no.7:241-244 Jl '60.

CUBA—RELATIONS (GENERAL) WITH RUSSIA

Trade and cultural relations between the Soviet Union and Cuba. Vnesh. torg. 30 no.7:13 '60.

CUBA—SOCIAL CONDITIONS

Cuban diary. Cesare Zavattini. Inostr. lit. no.8:227-230 Ag '60.

CUBAN NEWSPAPERS

Newspaper of the struggling Cuban people. I. Davydov. Sov. pech. no.6 53-54 Je '60

CUDWEED

Brief survey of species of the genera Gnaphalium L. (Emend.), Synchaeta Kirp., and Omalotheca Cass. occurring in the U.S.S.R. M. E. Kirpichnikov. Bot. mat. Gerb. 20 296-313 '60.

CULTURE

From month to month. Inostr. lit. no.7:271-286 Jl '60.
From month to month. Inostr. lit. no.8:270-286 Ag '60.

CULVERTS

New method for plotting culvert axes projected on curves. B. F. Mikhal'kov. Transp. stroi. 10 no.6:51-52 Je '60.
Some remarks on standard designs of pipe culverts. D. M. Slupin. Transp. stroi. 10 no.6:61 Je '60.

CUMENE

Cyclopropylmesitylene and p-cyclopropylcumene. R. IA. Levina and others. Zhur. ob. khim. 30 no.7:2435-2436 Jl '60.
Deuterium - hydrogen exchange and the cracking of cumene on aluminosilicate catalysts [with summary in English]. G. M. Panchenkov, Z. V. Griaznova. Zhur. fiz. khim. 34 no.6:1280-1285 Je '60.
Evaluation of the activity of catalysts employed in cracking. K. V. Topchieva, B. V. Romanovskii, S. A. Ven'iaminov. Vest. Mosk. un. Ser. 2 Khim. 15 no.1 3-10 '60.

CUPOLA FURNACES—TECHNOLOGICAL INNOVATIONS

Mechanizing the charge feed of cupola charging devices. V. I. Vrublevskii, O. M. Kryzhanovskii. Mekh. i avtom. proizv. 14 no.6:21-22 Je '60.

CURIE POINT

Absorption of sound above the Curie point. V. M. Zaitsev. Izv. vys. ucheb. zav.; fiz. no.3:230-231 '60.

CURRENCY QUESTION

Improvement of the Soviet monetary system. V. Karabekov. Blok. agit. [Len.] no.15:18-23 My '60.
10:1. V. A. Markov. Nauka i zhizn' 27 no.6:4 Je '60.

CURVATURE

Curvature radius of a free bending wire rope curve. L. I. Zhukov. Izv. vys. ucheb. zav.; gor. zhur. no.7:104-110 '60.

CURVES, PLANE

Savelov, A. A. [Plane curves: systematizatio
tics, application; reference book] Ploskie k
tematika, svoistva, primeneniia, spravochi
stvo. Pod red. A. P. Nardena. Moskva, G
fiziko-matem. lit-ry, 1960. 293 p.

CUSTOMS UNIONS see subdivision under Eu

CUTTING MACHINES

Cutting crystals with a paper disk. O. I. Zan
Plotnikov. Prib. i tekh. eksp. no.2,159 M
Machine for cutting cardboard boxes. G. P.
Mashinostroitel' no.7:32 Jl '60.
Machine for key slot cutting on bore rods. C
Gor. zhur. no.7:73 Jl '60.

CUTTING MACHINES—ELECTRIC DRIVING

Diagram for the cutoff of the electric drive o
machine tool. D. I. Bulakh, K. A. Chistikov
enie no.7:60 Jl '60.

CYANAMIDE

Optical investigation of the molecular structu
mide and its derivatives. Part 3. B. I. Suk
A. I. Finkel'shtein. Opt. i spektr. 9 no.1:4

CYANINE DYES

Investigating the interaction of merocyanines
ions in solution. K. I. Pokrovskaia. Usp. n
7:191-200 '60

[illegible]

[illegible]

CYANOCOBALAMINE

[illegible] vitamin B_{12} [illegible]

Determination of vitamin B_{12} by the [illegible] diffusion method. M.G.Fedoseeva, M.D.[illegible]. Trudy VNIVI 6:201-205 '59.

Using grain and potato residual wash as a culture medium for microorganisms producing vitamin B_{12} (survey). G.I.Fertman, M.I.Vol'skanskii. Spirt.prom. 26 no.4: 14-17 '60.

Vitamin B_{12} from waste water. M.P.Zakharova. Trudy VNIVI 6:151-157 '59.

CYANOETHYLATION

Reactions of hydrazine derivatives. Part 29: Cyanoethylation of pyrazolines. A.N.Kost and others. Zhur. ob.khim. 30 no.7:2286-2291 Jl '60.

CYBERNETICS

(see also subdivision under Ukraine)

Cybernetics, the future in the present. B.Chincheva. Radio no.7:21-22 Jl '60.

"Essays on cybernetics" by I.P.Teplov. Reviewed by A.Antibov. [illegible] 15 no.4:[illegible] '60.

"Essays on cybernetics" by I.P.Teplov. Reviewed by I.Radunskaia. Nauka i zhizn' 27 no.2:74-75 F '60.

Modern electronic calculating machines and the mental activity of man. [illegible] [illegible] Ap '60.

[illegible] A.Napalkov, V.[illegible]. Nauka i zhizn' [illegible] '60.

[illegible] A.V.Napalkov, [illegible] My '60.

New type of learning automatic machine. V.D.[illegible]. Izv. vys. ucheb. zav.; radiotekh. 3 no.2: 157-164 '60.

[illegible], Z.L., A.I.[illegible], and L.A.[illegible]. [Machine and human thought; philosophical essay on cybernetics] Mashina i mysl', [illegible] kibernetiki. Moskva, [illegible], 1960. 142 p.

CYBERNETICS CONGRESSES

[illegible] held at the University of Moscow. [illegible] '60.

CYCLIC COMPOUNDS

Polymerization of cycloolefins. A.V.Topchiev and others. Izv. AN SSSR. Otd.khim.nauk no.6:1110 Je '60.

CYCLING

About [illegible] experimental [illegible] [illegible] grades. [illegible] '60.

[illegible] A.Kucab. [illegible] '60.

CYCLIZATION

[illegible] Dokl. AN SSSR [illegible]

CYCLODODECANE — THERMAL PROPERTIES

[illegible] A.Kovalevskii. Prob. Akad. [illegible] '60.

CYCLOHEPTADIENE

[illegible] Dokl. AN SSSR [illegible] '60.

CYCLOHEXANE

Effect of hydrogen pressure on the rate of [illegible] [illegible] '60.

[illegible]

Liquid-gas phase equilibria in the system cyclohexane-carbon dioxide and cyclohexane-nitrous oxide [with summary in English]. I.R.Krichevskii, G.A.Sorina. Zhur.fiz.khim. 34 no.7:1420-1424 Jl '60.

[illegible]

Synthesis of [illegible]. Part 2: New synthesis of [illegible]-tetra alkylcyclohexanes. [illegible] Zhur.ob.khim. [illegible] 2155-2158 Jl '60.

CYCLOHEXANEDIONE — SPECTRA

Sulfuration of [illegible]. Part 10: Derivatives of 2-disulfonylic acid. [illegible] Zhur.ob.khim. 30 no.[illegible] 2154-2156 Jl '60.

CYCLOHEXANOL-[illegible]

[illegible] Part 11: Derivatives of 2-dimethylsulfonic acid. [illegible] Zhur.ob.khim. 30 no.[illegible] 2156 Jl '60.

CYCLOHEXANOL

Analysis of the three component system: cyclohexanol-[illegible] water. [illegible] [illegible] '60.

Catalytic dehydrogenation of cyclohexanol. A.A.[illegible] A.L.[illegible] Dokl. AN SSSR [illegible] '60.

CYCLOHEXANONE

Analysis of the three component system: cyclohexanone-cyclohexanol-water. [illegible] '60.

Photometric determination of cyclohexanone in the presence of caprolactam [with summary in English]. A.P.[illegible] '60.

Separate determination of cyclohexanone and [illegible] [illegible] [illegible] summary in English]. A.[illegible] Zhur. anal. khim. 15 no.1:[illegible] '60.

Synthesis and rearrangements in the [illegible] series. Part 4: Condensation of chloroacetone and [illegible]chlorocyclohexanone with [illegible] [illegible]. L.M.Morozova, [illegible] Zhur.ob.khim. 30 no.7:2[illegible] Jl '60.

Synthesis of [illegible] ketals of 2-[illegible]. [illegible] Zhur.ob.khim. 30 no.[illegible] 2214-2218 Jl '60.

CYCLOHEXENE

Adsorption of cyclohexene [illegible] '60.

[illegible]

Investigation of the products of the [illegible] cyclohexene and [illegible]. [illegible] '60.

Synthesis of [illegible] [illegible] '60.

CYCLONES

Role of [illegible] in the [illegible]. [illegible] '59.

CYCLOPENTADIENE

[illegible]

CYCLOPENTADIENYL [illegible]

[illegible]

CYCLOPENTANE

[illegible]

CYCLOTRON [illegible]

[illegible] 1853-1857 [illegible] '60.

CYLINDERS

[illegible]

CYLINDRICAL [illegible]

[illegible]

CYMENE — SPECTRA

[illegible]

CYSTEINE

[illegible]

CYSTINE

[illegible]

[illegible]

period of the Great Patriotic War Mezhdunar zhizn' 7 no 8 151-158 Ag '60

Russia (1923- U.S.S.R.) Ministerstvo inostrannykh del. [Soviet-Czechoslovak relations during the Great Patriotic War, 1941-1945, documents and materials] Sovetsko-chekhoslovatskie otnosheniia vo vremia Velikoi Otechestvennoi voiny, 1941-1945 gg.; dokumenty i materialy. Red. kollegiia IA. Vichek i dr. Moskva, Gos. izd-vo polit. lit-ry, 1960. 290 p.

CZECHOSLOVAKIA—GAS-TURBINE LOCOMOTIVES

Gas-turbine locomotive with mechanical transmission. Znan. sila 35 no. 7,50 Jl '60.

CZECHOSLOVAKIA—GEOLOGICAL SURVEYS

Television in geology. M. Krajčik. Nauka i zhizn' 27 no. 6:72 Je '60.

CZECHOSLOVAKIA—GLASSWARE

Artistic glass from Czechoslovakia. V. and I. Soukup. Iskusstvo 23 no. 6:34-38 '60.

CZECHOSLOVAKIA—HISTORY

From the history of fraternal nations ("Fraternal relations between Czechs and Slovaks during the national renaissance"; chapters from the history of relations between Czechs and Slovaks during the national movement until 1948 [in Czech] by J. Novotny. Reviewed by N.M. Pashaeva] Nov i noveish. ist no. 2:186-189 '60.

CZECHOSLOVAKIA—HYDRAULIC TURBINES

High-pressure hydraulic turbines. M. Nechleba. Nauka i zhyttia 10 no 5 60-62 My '60.

CZECHOSLOVAKIA—INDUSTRIAL HYGIENE—PERIODICALS

Good aid for trade-union activists. G Vavilova Okhr truda i sots. strakh 3 no 6,77-79 Je '60

CZECHOSLOVAKIA—INDUSTRIES

Czechoslovakia in the Sokol'niki P Pronin Kul't. i zhizn' 4 no 7 50-51 '60

On special features of socialist industrialization in Czechoslovakia. N.A. Cherkasov. Sbor. st. LITMO no. 40,27-50 '58.

We greet thee, Czechoslovakia, our dear sister! M Nidze, Ukraine no. 15:2-4 Ag '60.

CZECHOSLOVAKIA—LANDSCAPE GARDENING

Landscaping cities of Czechoslovakia. S. Severin. Stroi. i arkhit. 8 no. 7:31-33 Jl '60.

CZECHOSLOVAKIA—MACHINERY INDUSTRY—SAFETY MEASURES

To make work healthy František Dostal' Okhr. truda i sots. strakh. 3 no. 6 76-77 Je '60

CZECHOSLOVAKIA—MOTION PICTURES

In search of something new Jiri Hrbas. Isk. kino no 5 147-148 My '60

CZECHOSLOVAKIA—MUSIC

Comments on the music of Czechoslovakia. N. E. Sov. muz. 24 no. 6:175-177 Je '60.

CZECHOSLOVAKIA—NATIONALITIES

Dziubko, I.S. [The solution of the nationalities problem in the Czechoslovak People's Democracy] Rozv'iazannia natsional'noho pytannia v narodno-demokratychnii Chekhoslovachchyni. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. im. T.H. Shevchenka, 1959. 151 p.

CZECHOSLOVAKIA—NATURAL RESOURCES

Protection of nature in Czechoslovakia A. G. Voronov Vop. geog no. 48 282-290 '60

CZECHOSLOVAKIA—PHOTOGRAPHY

Experiment in photography. Ludek Pešek. Sov. foto 20 no. 2:41-42 F '60.

Interview with Jaroslav Spousta, chief editor of the periodical "Československa Fotografie " Sov. foto 20 no 5: 38 My '60.

On firm positions of realism. L. Lingart. Sov. foto 20 no 5 35-37 My '60.

Photography science and technology in Czechoslovakia. K.S. Lialikov. Zhur nauch. i prikl. fot i kin. 5 no. 3 230-231 My-Je '60

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

On the problem of the origin and nature of people's democracy in Czechoslovakia. N.A. Cherkasov. Sbor. st. LITMO no. 40:3-26 '58.

CZECHOSLOVAKIA—PUBLISHERS AND PUBLISHING

Publishing activity and organization of publishing work in the State Publishing House for Technical Literature in Czechoslovakia (SNTL) Nov. knigi za rub. Ser. B 4 no. 6:144-147 Je '60.

CZECHOSLOVAKIA—RAILROADS—RAILS

Rail lubricator. F.A. Chorvát. Put' i put. khoz. 4 no. 4: 48 Ap '60.

Screw-type wrench and ballast loosener F Chorvat Put' i put khoz. 4 no 8 48 Ag '60.

CZECHOSLOVAKIA—RESPIRATORS

Foreign technological innovations Okhr truda i sots strakh 3 no 6 61 Je '60

CZECHOSLOVAKIA—RUBBER, SYNTHETIC

Synthetic rubber industry in Czechoslovakia M. Vazan, IA. Pekh, S Stoian, Kauch. i rez 19 no. 5:1-2 My '60

CZECHOSLOVAKIA—SCIENCE

Survey of works on the history of technology and science in Czechoslovakia Vop ist. est. i tekh. no 9 191-194 '60.

CZECHOSLOVAKIA—TECHNICAL EDUCATION

From the pages of the periodical "Odborna vykhova." L Kulakova. Prof -tekh obr 17 no 5 30-31 My '60

CZECHOSLOVAKIA—TECHNOLOGY

"Czechoslovakia in 1960" exhibition. S. Krylov Nauka i zhizn' 27 no 7 10-13 Jl '60.

Survey of works on the history of technology and science in Czechoslovakia. Vop ist. est i tekh. no. 9 191-194 '60

CZECHOSLOVAKIA—TEXTILE INDUSTRY

Expansion of the textile industry of Czechoslovakia. J. Drtina. Tekst. prom. 20 no. 6 67-70 Je '60.

CZECHOSLOVAKIA—THEATER

Contemporary problems on the stage. V. M. Teatr 21 no. 7:190-191 Jl '60.

CZECHOSLOVAKIA—VOCATIONAL EDUCATION

In Czechoslovakian schools E S Chernenko Biol v shkole no 3 62-64 My-Je '60

CZECHOSLOVAKIA—WORLD WAR, 1939-1945

The second Ukrainian front in the struggle for the liberation of Czechoslovakia R. Malinovskii Voen ist zhur 2 no 5 11-25 My '60

CZECHOSLOVAKIA—WORLD WAR, 1939-1945—CHILDREN

Defend the happiness of the young citizens of the globe IA Nemchinskii Ogonek 38 no 22 6-7 My '60

CZECHOSLOVAKIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

How the Soviet Union helped the guerrilla movement in Bohemia Čestmir Amort Ukr ist zhur 4 no 4 47-54 Jl-Ag '60

DDT (INSECTICIDE)

DDT wetting powders prepared by vibration grinders. S. F. Bezuglyi and others. [Trudy] NIUIF no. 165.15-20 '59.

Developing the technology of 50% emulsion pastes of DDT and introducing their production. S. F. Bezuglyi. [Trudy] NIUIF no. 165:4-8 '59.

Wetting powders of DDT (30%) and principles of their production. S. F. Bezuglyi, B. A. Akimov, V. IA. Momot, IU. E. Bryskin. [Trudy] NIUIF no. 165:9-11 '59.

DACE see subdivision under Talas Valley

DAGHESTAN—ARGILLITE

Argillites in the Jurassic coal-bearing strata of Daghestan. G. N. Brovkov. Dokl. AN SSSR 133 no 4:931-934 Ag '60.

DAGHESTAN—ECONOMIC CONDITIONS

From feudal conditions to socialism; in celebration of the 40th anniversary of the founding of the Daghestan A.S.S.R. G. A. Danilalov. Ist. SSSR 4 no. 3:21-32 My-Je '60.

DAGHESTAN—FLEAS

Seasonal variations in the infestation of the wheatear Oenanthe isabellina Temminck, 1829 with fleas in Daghestan [with summary in English]. V. M. Gusev, S. N. Bednyi. Zool. zhur. 39 no. 6:893-897 Je '60.

DAGHESTAN—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in the Balkhas-Khunuk uplift in southern Daghestan V L. Galin Izv. vys. ucheb zav., neft' i gaz 3 no 6 3-8 '60

DAGHESTAN—GEOLOGY, STRUCTURAL

Phenomena of upper Pliocene peneplanation in the mountains of Daghestan. A. E. Krivolutskii. Vest. Mosk. un. Ser. 5:Geog. 15 no. 3:22-29 My-Je '60.

DAGHESTAN—GLASS MANUFACTURE

At the "Dagestanskie ogni" Plant. K. L. Kozlenko. Stek. i ker. 17 no. 7:38-39 Jl '60.

DAGHESTAN—OIL WELL CEMENTING

Gel cementing of drilling strings. A. M. Saidov, E. A. Nikitin. Neftianik 5 no. 6:9-10 Je '60.

saltwort associations in the lowland pastures of northern Daghestan. I. F. Musaev. Bot. zhur. 45 no 7:1011-1025 Jl '60

DAGHESTAN—PENSIONS

Work on methods at a ministry. L Kerimova. Sots. obesp. 21 no. 6 10-14 Je '60.

DAGHESTAN—PETROLEUM GEOLOGY

Prospects for finding oil and gas in the Balkhas-Khunuk uplift in southern Daghestan V L Galin Izv vys ucheb zav , neft' i gaz 3 no 6 3-8 '60

DAGHESTAN—THEATER

One's own and someone else's. IU. Rybakov. Teatr 21 no 7 107-115 Jl '60.

DAIRY CATTLE—FEEDING AND FEEDS

Change in the butterfat content of milk in relation to the biochemical processes in the rumen. Preliminary report. T. U. Izmailov. Trudy Inst. fiziol. AN Kazakh SSR 2 117-119 '59

Influence of some biochemical processes in the rumen on the quality of butterfat of cows. B. N. Nikitin. Trudy Inst. fiziol. AN Kazakh SSR 2 110-116 '59

Interrelation of the biochemical processes of the rumen and butterfat production in cows during pasturage. B. N. Nikitin. Trudy Inst. fiziol. AN Kazakh SSR 2 106-109 '59.

DAIRYING

(see also subdivision under Minsk Province)

Valiuzhenich, E. N., and K. I. Eremeev. [Ways of reducing expenses in the production of meat and milk] Puti snizheniia zatrat na proizvodstvo miasa i moloka. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 102 p.
(DA)

DAIRYING—EQUIPMENT AND SUPPLIES

New machinery for milking cows and milk processing A Ivanov Ekon sel'khoz 31 no 6 53-56 Je '60

DAMPNESS IN BUILDINGS

How to control moisture in basements G Isarov Zhil - kom khoz 10 no 6 31-32 '60

DAMS

(see also subdivision under Murgab River)

Consolidating embankments of the earth dam of the Dubossary Hydroelectric Power Station. A. T. Potapov. Gidr. stroi. 30 no. 7 26 Jl '60.

Designing the underground contour of dams on earth foundations R. R Chugaev. Izv. VNIIG 59 3-29 '58.

Determining basic dimensions of buttress dams with flat underground profiles. A. I. Antipov. Gidr. stroi. 30 no. 7:27-30 Jl '60.

Determining the pressure exerted on earth dams by compacting sediments. V. G. Korotkin, D. M. Tartakovskii. Gidr. stroi. 30 no 6,35-40 Je '60.

Effect of protective facings on elements of a percolating flow in the body and the foundation of earth dams. N. I. Druzhinin. Izv. VNIIG 58 201-212 '58

Foundation stability of damming structures according to the theory of critical equilibrium N I Golovanov Trudy Gidroproekta 3 91-100 '60

Gegeliia, T. G. [Submerged intakes and buttress dams] Donnye i bychkovye vodozabornye plotiny, Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1959. 125 p.

Hydraulic-fill construction of earth dams. B. A. Volnin. Gidr. stroi. 30 no. 6:24-27 Je '60.

Lomonosov, I. G., and others. [Album of designs of dams to be built on timber floating rivers] Al'bom konstruktsii lesosplavnykh plotin. Moskva, Goslesbumizdat, 1959. 212 p.

Method of seepage calculations in designing earth dams A. P. Voshchinin Trudy Gidroproekta 2 57-77 '59

Model tests of arch dams. K. M. Khuberian. Gidr. stroi. 30 no. 7:31-35 Jl '60.

Nauchno-tekhnicheskoe obshchestvo stroitel'noi industrii [Designing and constructing high dams, based on data from the conference on high dams] Proektirovanie i stroitel'stvo vysokikh plotin, po materialam soveshchaniia po vysokim plotinam. Pod obshchei red. V. S. Eristova. Moskva, Gos. energ. izd-vo, 1960. 196 p.

Planning and constructing rock-fill dams with central cores. A. I. Il'in. Energokhoz. za. rub no. 3 36-43 My-Je '60

'Studying deformations and stresses in concrete dams. B. A. Pyshkin. Gidr. stroi. 30 no. 6:58-61 Je '60.

Thermal conditions of a solid concrete dam during its construction. G. I. Chilingarishvili. Gidr. stroi. 30 no. 7:20-24 Jl '60.

DANCING see subdivision under White

DANCING—STUDY AND TEACHING

Editor's mail Sem'ia i shkola 15 no

DANUBE RIVER—FISHES—MIGRATION

Expedition of the Institute of Hydrobiolc migration of fish in the Danube. M I AN URSR no 3:404-406 '60

DARKLING BEETLES see subdivision under Syr Darya Valley

DARWIN, CHARLES ROBERT, 1809-1882

Correction of an error. Vop. ist. est. i tekh. no 9:199 '60.

Geology in the studies of Charles Darwin [with summary in English]. N. S. Shatskii. Biul. MOIP. Otd. geol. 35 no. 1:3-24 Ja-F '60.

Literature of recent years on the life and work of C. Darwin. S. L. Sobol'. Vop. ist. est. i tekh no. 9:171-175 '60.

DARWINISM see Evolution

DAURICH REGION—GEOLOGY, STRATIGRAPHIC

Silurian stratigraphy of the southern Tien Shan V L Leleshus, G N Menakova, A I Lavrusevich Dokl AN SSSR 133 no 1 196-198 Jl '60

DAVYDOVA, NATALIIA

Love in the crib ("The love of Engineer Izotov", a novel by Nataliia Davydova Reviewed by I Leshchevskii) Znamia 30 no 8:215-219 Ag '60.

DAY NURSERIES

Badge of Honor. A. Fonarev. Sem'ia i shkola 15 no. 6:11 Je '60.

Good morning! L. Kafanova Ogonek 38 no 22 12-13 My '60

Visiting the children R. I Arkad'eva. Zdorov'e 6 no 7: 28 Je '60.

DAYDE, LIANE, 1932

Daydé dances. V. Gaevskii. Teatr 21 no. 7:184-185 Jl '60.

DEAD SEA REGION—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Archaeological excavations of Khirbet Qumran and Ain Feshkha. I. D. Amusin. Sov. arkheol. 4 no. 2;289-300 '60.

DEAD SEA SCROLLS

(see also subdivision under Khirbet; Kumran)

Answer to Father Germogen. M. Kublanov. Nauka i rel. no. 7;59-63 Jl '60.

Archaeological excavations of Khirbet Qumran and Ain Feshkha. I. D. Amusin. Sov. arkheol. 4 no. 2:289-300 '60.

Bible manuscripts. Brat. vest. no. 2;57-64 '60.

Discoveries in the desert. A Varshavskii. Znan. sila 35 no. 5;28-34 My '60

DEAF—EDUCATION

Foreword M E Khvatsev. Uch. zap Ped inst. Gerts 171;3-8 '59.

Formation of speech together with the development of thinking during arithmetic lessons in the school for the deaf-mute. B. N Mel'nikov Uch. zap. Ped. inst Gerts 171;59-64 '59.

Use of Pioneer symbols in the schools for the deaf-mute T. V. Khanutina Uch. zap Ped inst Gerts 171;145-166 '59.

Using motion pictures in reading and speech lessons in grade 5 of the schools for the deaf-mute A I Usynina Uch. zap Ped. inst Gerts. 171,127-144 '59.

Visual and graphic thinking of deaf-mute students. A. P. Gozova. Dokl. APN no. 2;125-128 '60.

DEAF—MEANS OF COMMUNICATION

Development of speech in deaf-mute students. Z. M. Ezhova. Uch. zap. Ped. inst. Gerts. 171 7-33 '59.

Outline of the study of defects in the pronunciation of deaf-mute children and ways to elimine them. M E. Khvatsev. Uch. zap Ped. inst. Gerts 171 109-125 '59.

Use of sign language in teaching deaf-mute children to speak. S. A. Zykov. Dokl. APN no. 4:121-123 '59.

Ways to eliminate mistakes of deaf-mute students in the blending of sounds A. N. Kozhin. Uch. zap. Ped inst Gerts. 171,85-108 '59

Working on the comprehension of figurative expressions in the school for the deaf-mute. E. I. Andreeva. Uch. zap. Ped. inst. Gerts. 171,35-58 '59

DEAF, TEACHERS OF THE see Teachers of the deaf

DECATHLON

Melbourne-Moscow-Philadelphia-Rome V Kuznetsov Ogonek 38 no. 28:22-23 Jl '60.

Rivals and friends. D. Orlov Smena 37 no. 11 20-21 Je '60

DECEMBRISTS

The role of the Decembrists in adult education B. G Korol'. Sov. pedag. 24 no 5;119-125 My '60

DECORATION AND ORNAMENT

Clothing and adornment elements on the sculpture portraying man of the upper Paleolithic Period in Europe and Siberia. Z. A. Abramova. Mat. i issl. po arkheol. 79:126-149 '60.

DECORATIONS OF HONOR

Awards for scientists. Vest. AN SSSR 30 no. 7:90 Jl '60.

Awards for women workers of social insurance organizations Sots obesp 21 no 5 4 My '60

Our bearers of decorations. Kh. Anisimov, P. Admaikin. Prom. koop. 14 no. 6;27 Je '60.

DEEP DRAWING (METALWORK)

Dependence of the total coefficient of sheet material drawing on that of the initial operation without annealing between passes. V. I. Zalesskii, F. P. Mikhalenko. Sbor. Inst. stali no. 39 206-218 '60.

DEEP-SEA SOUNDING

Deep-sea oceanographic windlasses. N. N. Sysoev. Biul. Okean. kom. no. 4 37-46 '60.

DEEP-SEA TEMPERATURE

Tables for instrumental corrections in the readings of reversing deep-sea thermometers. V. A. Shamont'ev. Probl. Arkt. i Antarkt. no. 1:109-116 '59.

DEFECTIVE SPEECH see Speech, Disorders of

DEFENSES, NATIONAL see also subdivision 'Defenses' under Baltic Sea; Baltic Sea region, Canada; Germany, West; Great Britain; Japan, Korea, South; United States)

DEFICIENCY, MENTAL see Mental deficiency

DEFICIENCY DISEASES

Study of the effect of a vitamin E concentrate obtained by means of molecular distillation on guinea pig's bodies. A. A. Selezeneva. Trudy VNIVI 6:230-238 '59.

Study of the morphological changes in vitamin B_6 deficiency in dogs and following their treatment with vitamin B_6. A. A. Selezeneva. Trudy VNIVI 6 224-230 '59.

DEFOE, DANIEL, 1661-1731

Daniel Defoe as man and writer B. Mitskevich Belarus' 17 no 7 24 Jl '60

DEFOLIATION

Effect of defoliation on the formation of annual rings in the red ash. V. A. Palandzhian, P. A. Khurshudian, B. M. Abramian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1; 85-92 Ja '60.

Translocation of organic substances from cotton leaves during defoliation. M. Z. Zakirov Uzb. biol. zhur. no. 3;9-15 '60.

DEFORMATIONS (MECHANICS)

Accuracy in evaluating the deformation tendency of pipe welds during flattening tests. IU. A. Mednikov, G. IA. Gun. Zav. lab. 26 no. 6:750-753 '60.

Anomaly of the temperature-rate dependence of the deformation resistance of aluminum bronze. V. E. Panin, M. B. Makogon. Izv. vys. ucyeb. zav., fiz. no. 3:142-145 '60.

Beresnev, B. I., and others. [Some problems in large plastic deformations of metals at high pressures] Nekotorye voprosy bol'shikh plasticheskikh deformatsii metallov pri vysokikh davleniiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 79 p.

Certain geometrical characteristics of the deformation of steel in the flow plateau [with summary in English]. N. N. Davidenkov, E. I. Brainin. Inzh.-fiz. zhur. no. 2 86-89 F '60.

Classification and occurrence of residual stresses. V M Finkel', V F Belorukov Zav lab. 26 no. 7: 859-860 '60

Description of the simpler phenomena of plastic bending from the standpoint of the dislocation theory. V. L. Indenbom. Itogi nauki: Fiz.-mat. nauki 3:117-158 '60.

Distribution of elongation deformations in viscose fibers E. M Mogilevskii, G G Finger, O. G. Khor'kova. Khim. volok. no 3 41-43 '60

Distribution of nonhomogenous plastic deformation. Part 4. Oriented hardening and its dependence on the temperature of deformation. F. P. Rybalko, A. F. Nesterov, B. F. Rybalko. Fiz. met. i metalloved. 9 no. 6:927-951 Je '60.

Effect of plastic deformation on the structure and properties of Al-Mg alloys. N. I. Varich, N. N. Belousov, G. I. Shcherbakov. Fiz. met. i metalloved. 9 no. 6:909-917 Je '60.

Effect of preliminary deformation on heat resistance. I. I. Trunin. [Trudy] TSNIITMASH 100.42-58 '59.

Effect of prestressing on the plasticity of steel No. 20 at various speeds and temperatures of testing. G. I. Pogodin-Alekseev, S. V. Zhuravlev. Trudy NTO chern. met. 15:130-143 '59.

Formation of bands with a reoriented lattice in the deformation of single crystals and polycrystals. A. A. Urusovskaia. Itogi nauki: Fiz.-mat. nauki 3:75-116 '60.

Instrument for interpreting the results of deformation measurements. I. N. Ganelin. Zav. lab. 26 no. 6: 767-768 '60.

Investigating metal deformation in obliquely placed girder grooves. P. I. Polukhin, O. S. Popov. Sbor. Inst. stali no. 39;400-421 '60.

Investigating nonuniformity of deformation during rolling. P. I. Polukhin, B. V. Egorov. Sbor. Inst. stali no. 39: 104-112 '60.

Molecular mechanism underlying the deformations of polymer substances. G. A. Patrikeev. Dokl. AN SSSR 133 no. 2:405-408 Jl '60.

Plastic bending unattended by the asterism of Laue diffraction patterns. A. A. Urusovskaia Itogi nauki: Fiz.-mat nauki 3 67-74 '60.

Problem of the deformation of a cylindrical pipe. V. S. Ershova. Uch. zap. LGU no. 280:80-86 '60.

Rated determination of deformation during the oxyacetylene cutting of low-cotton steel. V S. Golovchenko. Sudostroenie no. 7:45-48 Jl '60.

Use of radioactive isotopes to study certain phenomena occurring during the plastic deformation of steel. V. P. Severdenko, I. G. Astakhov. Sbor. Inst. stali no. 30; 153-160 '60

DEGTYARSK—COPPER MINES AND MINING

Automatic and centralized control at a copper mine [with summary in English]. V. V. Kriuchkov. Avtom. i telem. 21 no. 6:867-876 Je '60.

Fire prevention at the Degtyarsk mine. L. S. Mekler. Gor. zhur. no. 7:29-31 Jl '60.

DEHYDRATED MILK see Milk, Dried

DEHYDRATION (CHEMISTRY)

Dehydration of sulfuric acid, glycerin, and ethanol by adsorption. B. N. Dashkevich, I. P. Stel'makh. Ukr. khim. zhur. 26 no. 3;381-382 '60.

DEHYDROGENASE

Action of antibiotics on the dehydrogenase activity of Clostridium perfringens [with summary in English]. L. M. Shmuter. Antibiotiki 5 no. 69-70 Ja-F '60.

Dehydrogenases of plague and pseudotuberculosis microbes I. V. Domaradskii, E. V. Buntin, G. A. Zakharova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18 63-66 '58

DEHYDROGENATION

Catalytic dehydrogenation of cyclohexanol. A. A. Balandin, O. K. Bogdanova, A. P. Shcheglova. Dokl. AN SSSR 133 no. 3;578-580 Jl '60.

Effect of the conjugation energy on the rate of catalytic dehydrogenation of alkylaromatic and alkylhexahydroaromatic hydrocarbons. O. K. Bogdanova, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 133 no 4. 841-842 Ag '60.

DEKKER, EDUARD DOUWES, 1820-1887

The test of time ("Max Havelaar; or, The coffee auctions of the Dutch trading company"; a novel by Multatuli. Reviewed by Egor Kutiavin). Inostr. lit. no. 8;259-261 Ag '60.

DELIRIUM TREMENS

Treatment of twilight disturbances of consciousness and delirium tremens. V. M. Bleikher, R. I. Zolotnitskii. Vrach. delo no. 7:128-129 Jl '60.

DELIVERY OF GOODS see subdivision under Moscow

DELIVERY OF GOODS (LAW)

Basic conditions of the delivery of goods. I. Duel'. Sov. torg. 33 no. 6:52-54 Je '60.

DEMENTIA PRAECOX see Schizophrenia

DEMOCRACY

Further expansion of democracy in our country. V. Saprykov. Otv. na vop. trud. no. 114:3-10 '60.

DEMOLITION, MILITARY

Warriors and toilers. D. Azov Voen znan 36 no. 8 11 Ag '60

DENAU DISTRICT—EXCAVATIONS (ARCHAEOLOGY)

Archaeological exploration at Khalchiyan village. G. A. Pugachenkova. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 3;49-50 '60.

DENMARK—ARMY

The circumstances of a resignation Nov. vrem. 18 no 29,22 Jl '60.

DENMARK—COMMUNIST PARTY

The Danish Communist Party during the past 40 years. Nov. i noveish. ist. no. 2:148-154 '60.

DENMARK—DESCRIPTION AND TRAVEL

Sun over the Baltic Sea ("Hello, Denmark!" by Gennadii Fish. Reviewed by N. Stal'skii). Znamia 30 no. 8 223-224 Ag '60.

DENMARK—ELECTRICITY ON SHIPS

"Korona"-type electric light fixtures [from a prospectus of the firm "Selfa-Silumin"]. Sudostroenie no. 7:76 Jl '60.

DENMARK—GLASS CONSTRUCTION

Thermopanes "Gado" [from a prospectus of the firm Edvard Storr]. Sudostroenie no. 7;77 Jl '60.

DENMARK—HEAVY WATER REACTORS

Danish heavy water reactor DR-3 Atom energ. 9 no 1: 65-66 Jl '60.

DENMARK—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

[illegible] of a [illegible] Nov. vrem. 30 [illegible] 22 Jl '60.

DENSITOMETERS

[illegible] automation of the flotation division at the Yasinovka By-Product Coking Plant by means of radioactive density meters. A. Z. Kulishenko. Koks i khim. [illegible] 5:47 [illegible] '60.

DENTAL ENAMEL see Enamel, Dental

DENTAL INSTRUMENTS AND APPARATUS

Murkin, A. I. [Dental handpiece and flexible cables] [illegible] bormashiny i zubovrachebnye nakonechniki. Moskva, Medgiz, 1959. 33 p.
(DNLM)

DEPARTMENT STORES

(See also subdivision under [illegible])

[illegible] with fifty sections. A. [illegible] Sov. [illegible] 15 [illegible] 15-18 Jl '60.

DERMATOLOGISTS—CONGRESSES

[illegible] congress of Dermatologists and Venereologists. A. I. [illegible], A. IA. [illegible] Vrach. delo [illegible] '60.

DERMATOLOGY—BIBLIOGRAPHY see Bibliography [illegible]

DERMATOMYCOSIS

[illegible], D. P. [Preventive examinations to detect [illegible]; instructions on methods] Profilak[illegible] dermatomikozov. [illegible] Leningrad, 1951. 19 p.
([illegible])

DERZHAVIN, GAVRIIL ROMANOVICH, 1743-1816

[illegible] in White Russia. [illegible] Belarus' [illegible] '60.

DESAI, MORARJI RANCHHODJI, 1896-

[illegible] Morarji Ranchhodji [illegible] 10 no. [illegible] '60.

DESERT ECOLOGY

[illegible] gerbil (Rhombomys opimus) on [illegible] of the black saxaul [illegible] of eastern Kara[illegible] [with summary in English]. [illegible] 65 no. [illegible] My-Je '60.

DESNA VALLEY—EXCAVATIONS (ARCHAEOLOGY)

[illegible] study of the [illegible] settlement on the [illegible]. V. V. [illegible], V. V. [illegible], P. V. [illegible] [illegible] no. [illegible] '60.

DESORPTION

[illegible] of adsorption and desorption [illegible] [with summary in English]. V. V. [illegible] 11 no. 6 [illegible] '60.

DESOXYRIBONUCLEIC ACID

[illegible]

DESULFURATION

[illegible] desulfurization of steel by aluminum. V. A. [illegible] Lit. proizv. no. 7:43-44 Jl '60.

[illegible] of pig iron outside the blast furnace by [illegible] '60.

Use of the radioisotope S^{35} in the study of the process of [illegible] desulfurization. A. Z. Kulishenko, K. P. Medvedev. [illegible] no. 7:[illegible] '60.

DESCRIPTIVE MINERALOGY see Mineralogy, Descriptive

DETONATORS

[illegible] preparation of detonation [illegible], I. A. [illegible] [illegible] no. 7:[illegible] 74 Jl '60.

DEUTERIUM

[illegible] hydrogen exchange and the cracking of [illegible] catalysts [with summary in English]. G. M. [illegible], Z. V. [illegible] Zhur. [illegible] no. [illegible] Je '60.

[illegible] state for deuterium [with summary in English] [illegible] no. 6:[illegible]

[illegible] of the kinetic isotope effect in the theory of [illegible] systems. F. M. Vain[illegible] A. [illegible] Dokl. AN SSSR 133 no. [illegible]

DEUTERIUM OXIDE

Heat capacity of separating solutions of triethylamine in [illegible] and heavy water [with summary in English]. V. P. [illegible], V. M. Kostin. Zhur. fiz. khim. 34 no. 7 1503-1507 Jl '60.

DEUTEROMYCETES see subdivision under Crimea, [illegible] Maritime Territory, Nizhnegorsk; Soviet Central Asia; Soviet Far East; Uzbekistan

DEUTERONS

High energy deuterons and tritons in photonuclear reactions [with summary in English]. V. P. Chizhov Zhur. eksp. i teor. fiz. 38 no. 3:809-818 Mr '60

Investigating the spectra of neutrons emitted in the disintegration of deuterons under the action of protons [with summary in English]. V. V. Komarov, A. M. Popova. Zhur. eksp. i teor. fiz. 38 no. 5:1559-1563 My '60

Relative yield and energy distribution of photodeuterons from copper. A. P. Komar, E. D. Makhnovskii, V. P. Poddubnov. Dokl. AN SSSR 133 no. 4:797-799 Ag '60

DEUTERONS—SCATTERING

Inelastic scattering of protons and deuterons by Mg^{24} [with summary in English] O. F. Nemets, G. A. Prokopets. Zhur. eksp. i teor. fiz. 38 no. 3:693-696 Mr '60

DEVELOPMENT see Growth

DEXTRIN

Dextrin-producing apparatus with chamber heating. P. A. Chudskii, N. A. Shirobokov. Sakh. prom. 34 no. 7: 69-70 Jl '60.

DIABASE see subdivision under Vilyuy Valley

DIABETES

Chromometric salt method of determining acetone in expired air from children with diabetes mellitus. [illegible] A. [illegible] N. P. Valedinskaia. Vop. okh. mat. i det. 5 no. [illegible] Ag '60

Treatment of diabetes mellitus with sulfanilamide preparations. A. P. Rabinovich, N. M. Libman. Vrach. delo no. 6:[illegible] Je '60.

DIAGNOSIS

Diagnosis by instruments. G. Novinskii, L. Vorob'ev, I. Vorob'eva. Izobr. i rats. no. 8:12-14 Ag '60.

DIAGNOSIS, FLUOROSCOPIC

Moscow. Tsentral'nyi nauchno-issledovatel'skii institut rentgenologii i radiologii. [Theory and practice of fluoroscopy; a manual for physicians] Teoriia i praktika fliuorografii; rukovodstvo dlia vrachei. Moskva, Medgiz, 1953. 360 p.
(DNLM)

DIAGNOSIS, RADIOSCOPIC

Radiographic diagnosis of lower jaw fractures. I. M. Alesova. Kaz. med. zhur. 40 no. 5:60-62 S-O '59.

Tager, I. L. [Mistakes and difficulties in the radioscopic diagnosis of stomach cancer] Oshibki i trudnosti v rentgenodiagnostike raka zheludka. Moskva, Medgiz, 1959. 188 p.
(DNLM)

DIAKONOV, IGOR' MIKHAILOVICH

Bonds of the times. S. Varshavskii. Neva no. 6:218-219 '60.

DIALECTIC

Discussion of the paper "The law of the negation of negation." Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:[illegible] '56.

DIALECTICAL MATERIALISM

Be creative in studying the problems of dialectical materialism ("Law as a philosophical category" by Zh. Tulenov. Reviewed by K. Rakhmatullin, A. Shmanov). Part. zhizn' Kazakh. 30 no. 5:75-78 My '60.

Interuniversity conference on dialectical logic. I. Lazarev, V. Omel'ianenko. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4:81-85 Jl-Ag '60.

Lenin's ideas are a great source of creative inspiration. Izv. AN SSSR Ser. biol. no. 3:321-335 My-Je '60.

Relative unity and absolute struggle of mutually exclusive opposites. D. P. Zerkin. Uch. zap. Kaf. filos. HPI no. 2 [illegible] '59

Rozental', M. M. [The principles of dialectical logic] Printsipy dialekticheskoi logiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 477 p.

Rutkevich, M. N. [Dialectical materialism; a course of lectures for natural-history faculties] Dialekticheskii materializm, kurs lektsii dlia estestvennykh fakul'tetov. Moskva, Sotsekgiz, 1959. 507 p.
(MH)

DIALECTICAL MATERIALISM—POPULAR WORKS

More attention to the popularization of Marxist philosophy. I. D. Andreev. Vop. filos. 14 no. 7:163-167 '60.

DIALECTICAL MATERIALISM—TEXTBOOKS

Results of a competition for a textbook on the basic principles of Marxist philosophy. Kommunist 37 no. 12 121-128 Ag '60.

DIAMONDS see subdivision under Olenek Valley

DIAMONDS, INDUSTRIAL

Diamond grinding wheels made with an organic binder and their use. F. A. Storchak. Stan. i instr. 31 no. 7:21-24 Jl '60.

DIAPHRAGMS (MECHANICAL DEVICES)—STANDARDS

[Regular diaphragms for measuring liquid, gas, and steam consumption at given pressures up to 100 at given pressures up to 100 kilogram (force) per square centimeter] Diafragmy normal'nye dlia izmereniia raskhoda zhidkosti, Gaza i para na uslovnye davleniia do 100 kgs/sm^2. Moskva, Standartgiz, 1959. 19 p. (Normal' mashinostroeniia MN137-59)

DIARIES

Student diaries in elementary schools. Nach. shkola 28 no. 6:83-84 Je '60.

DIATOMS

(see also subdivision under Black Sea; Caspian Sea; Yuzhno-Kuril'skiy Strait)

Changing the name of Thalassiosira coronata Pr.-Lavr. to Thalassiosira coronifera Pr.-Lavr. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 13:48 '60.

DIATOMS, FOSSIL see subdivision under Kerch Peninsula; Taman Peninsula

DIAZONIUM COMPOUNDS

Double aryl diazonium chloride salts of niobium and tantalum. V. M. Cherkasov, I. F. Vladimirtsev. Zhur. ob. khim. 30 no. 7:2235-2238 Jl '60.

Formation of the 1, 2, 3-oxadiazine ring in the reaction of 1, 1'-diacetylferrocene with aryldiazonium compounds. A. N. Nesmeianov and others. Dokl. AN SSSR 133 no. 4: 851-854 Ag '60.

Microdetermination of carbon and hydrogen in double salts of aryl diazonium chloride and metal chlorides A. S. Zabrodina, A. IA. Levina Vest. Mosk. un. Ser. 2 Khim. 15 no. 1:55-56 '60

DIBRAR REGION (CAUCASUS)—GEOLOGY, STRATIGRAPHIC

Division of the upper Cretaceous in the Dibrar flysch zone [with summary in English] A. D. Sultanov, K. A. Ismailov, Ch. A. Tairov. Sov. geol. 3 no. 5:88-96 My '60

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICKENS, CHARLES, 1812-1870

Mikhal'skaia, N. P. [Charles Dickens; an account of his life and works] Charl'z Dikkens, ocherk zhizni i tvorchestva. Moskva, Gos. uchebno-pedagog. izd-vo M-va pros. RSFSR, 1959. 121 p.

DICOTYLEDONS see subdivision under Kirghizistan

DICTIONARIES, POLYGLOT

Zhordaniia, R. G. [Terminological dictionary of names of Georgian birds; Latin, Georgian, Russian, and German nomenclature] Terminologicheskii slovar' ptits Gruzii, latinskaia, gruzinskaia, russkaia i nemetskaia nomenklatura. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 61 p. [In Georgian.]

DIELECTRIC CONSTANTS

Electrochemical study of solutions of HCl in solvents of low dielectric constants [with summary in English]. E. M. Ryzhkov, A. M. Sukhotin. Zhur. fiz. khim. 34 no. 5:993-999 My '60.

DIELECTRIC HEATING

High-speed vacuum dielectric drying of lumber. V. F. Vinogradskii. Der. prom. 9 no. 7:7-8 Jl '60.

DIELECTRICS

Causes of dielectric losses in transformer oil at a frequency of 50 cps [with summary in English]. R. A. Lipshtein, E. N. Shtern. Inzh.-fiz. zhur. no. 2:101-104 F '60.

High molecular weight dielectrics. G. P. Mikhailov, B. I. Sazhin. Usp. khim. 29 no. 7:864-881 Jl '60.

Hydrostatic method of measuring the compressibility of liquids at high pressures. A. D. Ekhlakov, K. P. Rodionov. Fiz. met. i metalloved. 9 no. 6:932-935 Je '60.

[Liquid dielectrics; use of a galvanometer in methods for determining the strength of dielectrics and the tangent of the angle of dielectric losses at a frequency of 50 c. with a specific volumetric electric resistance] Dielektriki zhidkie; metody opredeleniia elektricheskoi prochnosti i tangensa uglia dielektricheskikh poter' pri chastote 50 gts i udel'nogo ob"emnogo elektricheskogo soprotivleniia pri pomoshchi gal'vanometra. Izd. ofitsial'noe. [Moskva] Gos. izd-vo standartov "Standartgiz," 1953. 13 p. (GOST 6581-53)

Scattering of light by dielectric ellipsoids comparable to the wave length. Part I. A. V. Shatilov. Opt. i spektr. [illegible] no. 1:86-91 Jl '60.

DIENCEPHALON—DISEASES

Clinical aspects and treatment of diencephalitis. E. V. Gembitskii. Voen.-med. zhur. no. 6:75-78 Je '60.

DIES (METALWORKING)

New methods for trimming with dies. V. A. Volosatov. Mashinostroitel' no. 7:22-24 Jl '60.

Plastic dies for large motor-vehicle parts. S. I. Efremov. Avt. prom. no. 7:30-32 Jl '60.

DIES (METALWORKING) — MAINTENANCE AND REPAIR

Electrodes for building up [illegible] of dies for drop forging. I.A. [illegible] [illegible] '60.

DIESEL ELECTRIC POWER PLANTS

Mikhalin, G.L. [Operation of diesel engines at electric power plants] [illegible] Moskva, Izd-vo Ministerstva kommunal'nogo [illegible] 1960. 240 p.

DIESEL ENGINES

Anticorrosion protection of the cooling systems of diesel engines with aluminum blocks. [illegible] TsNII MPS 19 no.4 [illegible] '60.

Efficient use of fuel types for diesel locomotives. A.I. Volodin. [illegible] '60.

[illegible] V. [illegible] '60.

Methods for calculation of [illegible] and [illegible] of [illegible] cycle engines. V.V. [illegible] '60.

Orlov, V.I. [Correct operation of the IAAZ engines] Kak pravil'no ekspluatirovat' dvigateli IAAZ. Moskva, Vsesoiuznoe [illegible] 1960. 208 p.

Utilizing the heat of exhaust gases in engine cylinders. [illegible] '60.

DIESEL ENGINES — FUEL SYSTEMS

Increase in the operational efficiency of internal combustion engines with internal fuel mixing. [illegible]

DIESEL ENGINES — MAINTENANCE AND REPAIR

Building up of [illegible] of diesel [illegible] [illegible] '60.

Mikhalin, G.L. [Operation of fixed diesel engines at electric power plants] [illegible] Moskva, Izd-vo Ministerstva kommunal'nogo [illegible] 1960. 240 p.

DIESEL ENGINES — SUPERCHARGING

[illegible]

DIESEL FUELS

Catalytic hydrofining of diesel fuel fractions. [illegible]

Sulfur-containing fuels and oils [illegible] G.A. [illegible] Khim. i tekh. topl. i masel 5 no.5 [illegible] My '60.

DIESEL LOCOMOTIVES

(See also subdivisions [illegible] Locomotives; Railroads)

[illegible]

Characteristics of the heating system of [illegible] locomotives. A.B. [illegible] V.P. [illegible] Vest. TsNII MPS 19 no.4 [illegible] '60.

Efficiency [illegible] V.I. [illegible] [illegible] '60.

Efficient use of fuel types for diesel locomotives. A.I. Volodin. [illegible]

Improvement of [illegible] [illegible] '60.

Improving the [illegible] of the [illegible] diesel locomotives. [illegible] '60.

Increasing the economic efficiency of [illegible] diesel locomotives [illegible] '60.

Making better use of electric and diesel locomotives for passenger traffic. N.P. [illegible] V.N. [illegible] Vest. TsNII MPS 19 no.4 [illegible] '60.

Modernization of the main generator of the [illegible] diesel locomotive. [illegible] My '60.

Oil film on [illegible] for [illegible] [illegible] My '60.

[illegible] effects [illegible] My '60.

Useful adaptation. M. [illegible] [illegible] My '60.

DIESEL LOCOMOTIVES — COLD WEATHER OPERATION

Improving the design of [illegible] for [illegible] [illegible] My '60.

DIESEL LOCOMOTIVES — ELECTRIC EQUIPMENT

How to facilitate detection of faults in the control circuits of a diesel locomotive. [illegible] My '60.

DIESEL LOCOMOTIVES — EQUIPMENT AND SUPPLIES

Laminated heat exchangers for diesel locomotives. [illegible] My '60.

DIESEL LOCOMOTIVES — FUEL SYSTEMS

Distributing columns for diesel locomotives. A. [illegible] [illegible] '60.

DIESEL LOCOMOTIVES — HYDRAULIC DRIVE

Analytical calculation for an "opaque" hydraulic torque converter. [illegible] A. [illegible] Trudy MIIT no.128 [illegible] '60.

Technical and economic efficiency of diesel locomotives with hydraulic transmission. V.A. [illegible] '60.

DIESEL LOCOMOTIVES — MAINTENANCE AND REPAIR

[illegible]

DIESEL LOCOMOTIVES — TRANSMISSION DEVICES

Electric control of [illegible] [illegible]

DIETS [illegible]

[illegible]

DIFFERENCE EQUATIONS

[illegible]

DIFFERENTIAL EQUATIONS

[illegible]

DIFFERENTIAL EQUATIONS, LINEAR

[illegible]

DIFFERENTIAL EQUATIONS, PARTIAL

[illegible]

DIGESTION (Continued)

Regulation of digestion in the duodenum in sheep. L. V. [illegible]. Trudy Inst. fiziol. AN Kazakh SSR [illegible]:57-66 '60.

Significance of [illegible] in the diet of ruminants. [illegible], L. I. [illegible]. Trudy Inst. fiziol. AN [illegible] '60.

DIGESTIVE ORGANS

[illegible] apparatus in tuberculous meningitis in adults. [illegible] no.6:68-71 '60.

DIGESTIVE ORGANS—CAMELS

Role of the digestive tract in calcium and phosphorus [illegible] in sheep and camels. N. V. [illegible]. Trudy Inst. fiziol. AN Kazakh. SSR [illegible] '60.

DIGESTIVE ORGANS—INNERVATION

Effect of irrigation of the mouth and intestinal mucosa with [illegible] solutions on conditioned and unconditioned [illegible] reflexes in a dog. N. N. Dun'. Trudy Inst. fiziol. AN [illegible] '60.

[illegible] stimulation of chemoreceptors of the kidneys [illegible] and the mechanoreceptors of the stomach on the [illegible] of the blood. A. [illegible] AMN [illegible]

DIGESTIVE ORGANS—RADIOGRAPHY

X-ray study of the gastrointestinal tract by gradual filling with [illegible]. V. G. [illegible]. Voen.-med. zhur. [illegible] Je '60.

DIGESTIVE ORGANS—SHEEP

Role of the digestive tract in calcium and phosphorus [illegible] in sheep and camels. N. V. [illegible]. Trudy Inst. fiziol. AN Kazakh. SSR [illegible] '60.

[illegible]

[illegible] materials for the biography of the poet [illegible] and [illegible]. G. N. Komelova. [illegible] '59.

DILATOMETRY

Dilatometric investigations of iron-cobalt alloys. G. N. [illegible], IA. P. Selisskii. Sbor. trud. TSNIICHM [illegible] '60.

DIMENSIONAL ANALYSIS

[illegible] the dimensional theory to the derivation of an equation for the [illegible]. I. [illegible]

[illegible] (with summary in English). [illegible]

[illegible] see subdivision under Kiya Valley

[illegible]

[illegible]

[illegible] Warsaw and Poland, 1876-1960 [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] V. A. [illegible]

[illegible]

[illegible] V. A. [illegible]

DIPHTHERIA

[illegible] individuals. [illegible] Zdrav. Kazakh. [illegible] '59.

[illegible]

DIPHTHERIA—BACTERIOLOGY

[illegible]

Evaluation of a method for determining the virulence of diphtheria bacteria by means of intradermal injection of primary cultures. L. I. Kurtoshina. Med. zhur. Uzb. no.12:78-81 D '58.

DIPHTHERIA ANTITOXIN

Influence of gamma radiation on the antitoxin and the ballast proteins of antidiphtheria serum. I. K. Gul'mirzaeva. Med. zhur. Uzb. no.12:71-74 D '58.

DIPLOMACY - DICTIONARIES

New edition of the diplomatic dictionary. V Romanov. Polit. samoobr. 4 no.6:121-124 Je '60.

DIPLOMACY--HISTORY

Potemkin, V. P. [History of diplomacy] Istoriia diplomatii. Izd.2., perer. i dop. Moskva, Gos. izd-vo polit. lit-ry.
Vol.1. 1959.
(NN)

DIPLOMATIC AND CONSULAR SERVICE—REGISTERS, LISTS, ETC.

Russia (1923- U.S.S.R.) Ministerstvo inostrannykh del. [Diplomatic corps in Moscow] Diplomaticheskii korpus v Moskve

[March] Mart 1948. 118 p.
[July] Iiul' 1950. 132 p.
[August] Avgust 1951. 131 p.
[January] IAnvar' 1952. 131 p.
[September] Sentiabr' 1953. 128 p.
[July] Iiul' 1954. 120 p.
[July] Iiul' 1955. 132 p.
[February] Fevral' 1958. 120 p.
[July] Iiul' 1960. 126 p.

DIPTERA see subdivision under Armenia

DISABILITY EVALUATION

(see also subdivision under Bashkiria; Cherkessk)

Arterialization of the blood at a late period following lung resection as one of the indexes of work capacity. S. B. Khrustina. Trudy LIETIN 2:169-174 '59.

Basis of the principles of disability evaluation in chronic pneumonia and bronchiectasis. M. I. Khvilivitskaia. Trudy LIETIN 2:175-178 '59.

Condition of the myocardium in chronic nonspecific pneumonia as revealed by electrocardiographic data. A. V. Soboleva. Trudy LIETIN 2:97-105 '59.

Disability and its indexes. A. L. Tret'iakov. Trudy LIETIN 2:7-23 '59.

Disability evaluation in bronchiectasis. M. I. Khvilivitskaia, V. P. Bogomazova. Trudy LIETIN 2:30-35 '59.

Disability evaluation problems in psychopathy. A. S. Borzunova, M. M. Tepina. Trudy LIETIN 2:225-231 '59.

Dynamics of the working capacity of persons invalided by hypertension as shown by data of the Leningrad Medical Expert Commission on Workers' Disability. M. IU. Magaril. Trudy LIETIN 2:345-351 '59.

Editor's mail. Sots. obesp. 21 no.5:27 My '60.

Importance for disability evaluation of patients with chronic pneumonia and bronchiectasis of indexes of pulmonary ventilation capacity. L. S. Ul'ianova. Trudy LIETIN 2:72-81 '59.

Importance of some hemodynamic indexes for disability evaluation of patients with bronchiectasis. E. V. Mikhtumova. Trudy LIETIN 2:90-96 '59.

Importance of some hemodynamic indexes for disability evaluation of patients with chronic nonspecific pneumonia. E. V. Mikirtumova. Trudy LIETIN 2:82-89 '59.

Improving the quality of disability evaluation in hypertension as shown by data from Leningrad from 1953 to 1955. M. IU. Magaril. Trudy LIETIN 2,340-344 '59.

Initial entrance on disability on account of hypertension. M. IU. Magaril. Trudy LIETIN 2:332-339 '59.

Principles of work organization and work recommendations for persons disabled by chronic nonspecific pneumonia and bronchiectasis. F. N. Spivak, A. I. Ulitina. Trudy LIETIN 2:46-54 '59.

Problems of disability evaluation in neurotic manifestations at a late period following closed craniocerebral trauma. A. S. Borzunova, M. M. Tepina, E. A. Sanamian. Trudy LIETIN 2:218-224 '59.

Radiographic indexes of the condition of compensation in digestion at a late period following resection of the stomach in the light of the tasks of disability evaluation. IU. N. Zadvornov. Trudy LIETIN 2:352-360 '59.

Rational therapy and expert testimony of military personnel with habitual dislocation of the shoulder. G. K. Ordzhonikidze. Voen.-med. zhur. no.5:47-48 My '60.

Significance for diagnosis and expert testimony of determining the amount of lipoproteids in the blood serum of patients with chronic nonspecific pneumonia complicated by bronchiectasis. E. V. Kalinina. Trudy LIETIN 2:117-137 '59.

Significance for disability evaluation of dystrophic changes in the myocardium in bronchiectasis. A. V. Soboleva. Trudy LIETIN 2:106-111 '59.

Some functional studies of persons disabled by bronchiectasis under industrial conditions. F. N. Spivak, A. I. Ulitina. Trudy LIETIN 2:36-45 '59.

Some problems in the diagnosis of arachnoiditis of the brain and in disability evaluation connected with it. P. A. Makkaveiskii, E. A. Sanamian. Trudy LIETIN 2:232-237 '59.

Some problems in the disability evaluation of patients with late consequences of closed brain trauma without organic symptoms. P. A. Makkaveiskii. Trudy LIETIN 2:213-217 '59.

Use of radiographic indexes of bronchiectasis in disability evaluation. A. I. Sadof'ev. Trudy LIETIN 2:66-71 '59.

Use of the water test in disability evaluation as a method for studying functional disturbances in patients with chronic pneumonia and bronchiectasis. I. I. Likhnitskaia. Trudy LIETIN 2:123-130 '59.

Without superfluous papers. S. Kondakova. Sots. obesp. 21 no.6:5 Je '60.

Work capacity and indications for work following heart pains simulating coronary insufficiency [with summary in English]. R. P. Goncharova. Vrach. delo no.7:28-31 Jl '60.

Work capacity in degenerative-dystrophic diseases of the joints of the upper extremities. N. S. Kosinskaia and others. Trudy LIETIN 2:267-286 '59.

DISABILITY EVALUATION—STATISTICS

The draft is better than the old form. E Broverman. Sots. obesp. 21 no.5:28-29 My '60.

Statistical data on temporary disability. Okhr. truda i sots. strakh. 3 no.6:45 Je '60.

DISARMAMENT

Appeal of the Conference of the Soviet Community for Disarmament. Brat. vest. no.7,4-5 '60.

"Committee of ten." V. Granov. Otv. na vop. trud. no.113:44-50 '60.

Disarmament and independence. Lev Stepanov. Nov. vrem. 18 no.28:7-9 Jl '60.

Disarmament as a pressing problem of our time. A. Bechin. Polit. samoobr. 4 no.7:34-44 Jl '60.

Disarmament, the fundamental problem of our time. Sovr. Vost. no.7:3-5 Jl '60.

Disarmament, the great question. Ogonek 38 no.24:1 Je '60.

The eternal dream of disarmament should become tomorrow's reality. Zhen. mira no.6:16-17 '60.

Financial aspects of the disarmament problem. M. Bogachevskii. Fin. SSSR 21 no.7:26-30 Jl '60.

For the purpose of deception. Nov. vrem. 18 no.29:3 Jl '60.

Geneva parleys on disarmament are resumed. Blok. agit. [Ukr.] no.18:54-57 Je '60.

The great responsibility of the members of parliaments. Z. A. Lebedeva. V zashch. mira no.5:20-24 My '60.

Hope for a generous spring. Vsem. stud. nov. 14 no.3/4:3 Mr-Ap '60.

Konferentsiia sovetskoi obshchestvennosti za razoruzhenie. Moscow, 1960. [Conference of the Soviet Society for Disarmament. Moscow, 1960; a collection of materials and documents] Sbornik materialov i dokumentov. Moskva, Gos. izd-vo polit. lit-ry, 1960. 173 p.

Leonidov, A. [Away with arms!] Vooruzheniia - na slom! Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 90 p.

Let us turn swords into plowshares. Klub 9 no.5:20 My '60.

A letter from Belgium. V zashch. mira no.5:77 My '60.

Response abroad to the appeal of the Central Union of Consumers' Cooperatives about disarmament. Sov. potreb. koop. 4 no.6:40 Je '60.

"The U.S.S.R. and the problem of disarmament, during the period between the First and Second World War" by V. M. Khaitzman. Reviewed by L. V. Pozdeeva. Nov. i noveish. ist. no.2:180-182 '60.

Universal and complete disarmament is a crucial problem, the defeat of colonialism in Africa. S. Beglov, S. Datlin. Kommunist 37 no.12:100-110 Ag '60.

We welcome.... Kul't i zhizn' 1 no.6:35 '60.

Welcome, May! Sem'ia i shkola 15 no.5:1-2 My '60.

Why is there still no agreement on disarmament? G. Vladimirov. Otv. na vop. trud. no.115:45-49 '60.

The world should live without arms and wars. Agitator no.10:34-35 My '60.

"World without armament is a world without wars." Sov. profsoiuzy 16 no.9:13 My '60.

The zigzag pattern of Western diplomacy in the area of disarmament. V. Aleksandrov. Mezhdunar. zhizn' 7 no.8:79-85 Ag '60.

DISEASE GERMS see Bacteria, Pathogenic

DISEASES, MENTAL see Psychoses

DISINFECTION AND DISINFECTANTS—EQUIPMENT AND SUPPLIES

Coil apparatus for the vaporization of formalin. I. G. Burkat. Voen.-med. zhur. no.5:92 My '60.

DISLOCATIONS IN CRYSTALS

Cottrell atmosphere in diluted solid solutions. V.M.Danilenko. Fiz.met.i metalloved. 9 no.6 810-814 Je '60.

Description of the simpler phenomena of plastic bending form the standpoint of the dislocation theory. V.L.Indenbom. Itogi nauki: Fiz.-mat.nauki 3:117-158 '60.

Dislocation with an elliptical hollow [with summary in English] P.M Vytvyts'kyi, M IA Leonov Dop AN URSR no 3 314-317 '60.

Etching composition for exposing the dislocations in silicon single crystals. M.G.Mil'videkii, A.V.Berkova. Zav.lab. 26 no.6:728-729 '60.

Jumplike displacement of dislocations in NaCl crystals. V.N.Rozhanskii, V.M.Stepanova. Dokl.AN SSSR 133 no.4,804-806 Ag '60.

Modern representations of the structure and properties of grain boundaries. V.F.Miuskov. Itogi nauki: Fiz-mat. nauki 3:159-210 '60.

On the state of stress and deformations along a linear dislocation [with summary in English] V V Panasiuk, L.V.Onyshko. Dop.AN URSR no.3 318-321 '60

Solubility of impurities in solids. V.M.Danilenko. Fiz. met.i metalloved. 9 no.6:940-942 Je '60.

DISLOCATIONS IN METALS

Determining the density of dislocations from measurements of distortions of the third order. I.IA.Dekhtiar. Izv.vys.ucheb.zav.,fiz. no.3:83-86 '60.

Methods of exposing dislocations intransformer steel. E.G.Krivonosova. Zav.lab. 26 no.6:725-728 '60.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT see subdivision under Sorokinskiy District (Tyumen' Province)

DISPENSARIES

Rural dispensary A.Sychevs'kyi, N.Hryhor'ieva. Sil'. bud 10 no.5 10-11 My '60

DISPERSION

Dispersion at very high densities and temperatures of the medium [with summary in English] G S.Saakian Zhur eksp i teor fiz 38 no 3 843-849 Mr '60

Effect of the medium on the processes of dispersion of solids [with summary in English]. G.S.Khodakov, P.A. Rebinder. Koll.zhur. 22 no.3:365-375 My-Je '60.

Effect of the time factor on the break-up of drops in a stream made turbulent by a bubbling gas. V.N.Sokolov, A.S.Reshanov. Zhur.prikl.khim. 33 no.5, 1068-1075 My '60.

Using the dispersion method for investigation of the simplest Green functions in quantum electrodynamics [with summary in English]. V.D.Mur, V.D.Skarzhinskii. Zhur.eksp.i teor.fiz. 38 no.6:1817-1823 Je '60.

DISSERTATIONS, ACADEMIC

In the Ministry of Public Health of the U.S.S.R. Vrach. delo no.7 148-149 Jl '60.

DISSERTATIONS, ACADEMIC—BIBLIOGRAPHY see Bibliography—Dissertations, Academic

DISTILLATION

Distillation and coking of wood tars with a solid heat carrier. L.V.Gordon and others. Gidroliz.i lesokhim. prom. 13 no.3,3-4 '60.

Obtaining vitamin E concentrates by means of high-vacuum distillation. E.N.Martinson and others. Trudy VNIVI 6 75-81 '59.

DISTILLATION, FRACTIONAL

Calculation of the rectification process by means of digital computers. V.G.Bergo, V.M.Platonov. Khim. i tekh.topl.i masel 5 no.6,39-44 Je '60.

Conditions of a minimum reflux ratio in the rectification of multicomponent mixtures. S.A.Bagaturov. Khim.i tekh.topl.i masel 5 no.7;59-62 Jl '60.

Effect of the size of the selected distillate on the degree of separation in a rectification column. IA.D.Zel'venskii, V.A.Shalygin. Khim.i tekh.topl.i masel 5 no.7: 19-24 Jl '60.

Generalized expression for determining the number of transfer units. V.V.Kafarov, A.S.Vigdorov. Zhur. prikl.khim. 33 no.7;1506-1513 Jl '60.

Wetted-wall rectification of a styrene - ethylbenzene mixture V.A.Maliusov, N A.Malafeev, N.M.Zhavoronkov. Khim prom 2 153-157 Mr '60.

DISTILLATION APPARATUS

Improvement of the paraffin cup for the isothermic distillation of ammonia. K.B.Khalilov. Lab.delo 6 no.3;48-49 My-Je '60.

On the article "Which reflux system of rectification columns is the most advantageous." D.M.Slavinskii. Khim.i tekh.topl.i masel 5 no.5:65-68 My '60.

DISTILLING INDUSTRIES

All-Union Seminar on new types of production. M.I. Vol'shanskii, A.M.Kopylova Spirt.prom. 26 no.5 46 '60.

Change-over to the 7-hour workday. M.P.Ul'ianova, L.I.Tolmacheva, E.V.Molostvov. Spirt.prom. 26 no.5;33-38 '60.

Make wider use of competition for the fulfillment of the seven-year plan ahead of schedule Spirt.prom 26 no 5 1-2 '60.

Organizing the resources of raw potatoes for the distilling industry. I K Sivolap, B.M.Vinogradskii. Spirt.prom. 26 no 5 30-32 '60

DISTILLING INDUSTRIES—CONGRESSES

Scientific conference at the All-Union Correspondence Institute of Food Industry G.I Fertman. Spirt prom. 26 no.5.47 '60

DISTRIBUTIVE EDUCATION

Closer to life. A.Abaturov. Sov.torg. 33 no.6:48-50 Je '60.

DITHIZONE

Identification of dithizone and its o- and p-methyl-substituted derivates [with summary in English] I B. Suprunovich Zhur anal khim 15 no 2 218-221 Mr-Ap '60

DIURETICS AND DIURESIS

New data on the reflex and hormone regulation of diuresis and on its changes in fever caused by a sterile abscess E P.Kuchinskii Zdravookhranenie 3 no 2 43-48 Mr-Ap '60

DIVING, SUBMARINE

Training of judges in underwater sports. V.Matveev. Voen.znan. 36 no.7;30 Jl '60.

A voyage into the submarine world. IU.Astaf'ev. Smena 37 no.13;24-25 Jl '60.

With mask and fins in the Indian Ocean V.Neiman Voen znan 36 no 8 32-33 Ag '60

DIVISION OF LABOR

Automation and the problem of the professional division of labor. S.S.Tovmasian. Izv.AN Arm.SSR. Obshchestv.nauki no.3;35-46 Mr '60.

Communal division of labor under socialism. V.P.Kornienko. Sbor.st.LITMO no.40;51-73 '58.

Division between industrial and agricultural labor, and between intellectual and physical work under socialism. V.P.Kornienko. Sbor.st.LITMO no.40;74-104 '58.

Division of labor in a primitive society. N.A.Butinov. Trudy Inst.etn. 54:109-150 '60.

DNEPRODZERZHINSK—COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Measures taken for the mechanization and automatic control of processes in the coking shop. A.V.Gorbunov. Koks i khim. no.5;35-38 '60.

DNEPRODZERZHINSK—RECREATION

Week-end in a city. M.IUrkel'ko. Ukraina no.15;9-11 Ag '60.

DNEPRODZERZHINSK—STEEL INDUSTRY

Trusty helpers of steelworkers. S.Akhmatov. Nauka i zhyttia 10 no.6;11-15 Je '60.

DNEPROPETROVSK—AERONAUTICS

Supported by key personnel. A.Loskutov. Kryl.rod. 11 no.7,3-4 Jl '60.

DNEPROPETROVSK—APARTMENT HOUSES

Building a five-story large-block house in 30 days. G.Surmach. Stroi.i arkhit. 8 no.7;13-14 Jl '60.

DNEPROPETROVSK—EFFICIENCY, INDUSTRIAL

All unexploited potentialities should serve the seven-year plan. A.Latyshev, IU.Shiliaev. Mol.komm. no.8; 9-11 Ag '60.

DNEPROPETROVSK—HISTORICAL MUSEUMS

A room for atheists. H.Vatchenko. Sots.kul't. 13 no.6:16 Je '60.

DNEPROPETROVSK—LANDSCAPE ARCHITECTURE

For the beauty of our city. I.Zaichenko Stroi.i arkhit. 8 no.5;6-7 My '60.

DNEPROPETROVSK—TECHNICAL EDUCATION

Great help to enterprises. V.Ulasevich. Prof.-tekh.obr 17 no.6;29 Je '60.

DNEPROPETROVSK PROVINCE—BINDING MATERIALS

Local binding materials can be made by ourselves. K.Khokholiev, N.Lapshyn. Sil'.bud. 10 no.5;20-21 My '60

DNEPROPETROVSK PROVINCE—BUILDING MACHINERY

The over-all mechanization of operations on the construction sites of the Dnepropetrovsk Economic Council. V.I Sugarenko Mekh stroi 17 no 5:3-6 My '60.

DNEPROPETROVSK PROVINCE—MACHINE ACCOUNTING

From the work practice of the machine accounting service centers of Dnepropetrovsk Province. I.Karpov. Vest.stat. no.7;55-56 '60.

DNIEPER BASIN—SOILS

Physicomechanical properties of loess loam in brown coal deposits of the Dnieper Basin. M.V. Sedenko. Izv.vys.ucheb.zav.,geol.i razv. no.3;116-118 Mr '60.

DNIEPER DELTA REGION—HYDROLOGY

Level variations in the lower course of the Dnieper River due to flow and rise processes M.N Kostianitsyn. Trudy GOIN no 49 47-60 '60.

DNIEPER-KRIVOY ROG CANAL

The over-all mechanization of earthwork in the construction area of the Dnieper-Krivoy Rog Canal. G.B. Bocharnikov, A.A.Zhukov. Gidr.stroi. 30 no.7:8-12 Jl '60.

DNIEPER LOWLAND—MANGANESE ORES

Necessity for studying the occurrence of manganese in Oligocene sediments of the Dnieper-Donets Lowland [with summary in English]. IU.I.Selin. Dop.AN URSR no.6:829-832 '60.

DNIEPER RIVER—RAILROAD BRIDGES

Using hydraulic fill methods in constructing the approaches of a bridge over the Dnieper River. V.A.Podgainov, E.V.Suvorova. Transp.stroi. 10 no.5:22-23 My '60.

DNIEPER RIVER—TREMATODA

Changes in larval forms of trematode parasites of Dnieper mollusks with the age of the host [with summary in English]. M I Chornohorenko Dop AN URSR no 3 376-379 '60

DNIEPER VALLEY—COMMERCE

Importation into the middle Dnieper Valley from the 7th through the 5th century B.C. N.A.Onaiko. Sov. arkheol. 4 no.2;25-41 '60.

DNIEPER VALLEY—EXCAVATIONS (ARCHAEOLOGY)

Main results of the exploration of the Mikhailovka settlement. E.F.Lagodovskaia, O.G.Shaposhnikova, M.L. Makarevich. Krat.soob.Inst.arkheol AN URSR no.9: 21-28 '60.

DNIEPER VALLEY—IRON ORES

Krutikhovskaia, Z.A., and G.K.Kuzhelov. [Using geophysical methods for studying iron ore formations in the Ukrainian crystalline shield] Primenenie geofizicheskikh metodov dlia izucheniia zhelezorudnoi formatsii ukrainskogo kristallicheskogo shchita. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol.i okhrane nedr, 1960. 128 p.

DNIEPER VALLEY—MOUNDS

Two Pit culture burial mounds in the middle Dnieper Valley. S.S.Berezanskaia. Krat.soob.Inst.arkheol AN URSR no.9 56-60 '60.

DNIEPER VALLEY—POTTERY, PRIMITIVE

New find of pottery from the Middle Dnieper culture. V.A.Tovkachevskii. Krat.soob.Inst.arkheol AN URSR no.9;61-62 '60.

DNIEPER VALLEY—STONE AGE

Mousterian site at Orel Rock. A.V.Bodianskii. Krat. soob.Inst.arkheol AN URSR no.9;117-122 '60.

DNIEPER VALLEY—SUMMER RESORTS

Summer rest homes on the banks of the Dnieper and the Dniester Rivers. I.Tukalevskii. Stroi i arkhit 8 no.5;13-15 My '60

DNIEPER VALLEY—WORLD WAR, 1939-1945

Tale of the heroism of Soviet parachutists ("On the banks of the Dnieper" by P.Gavrutto. Reviewed by S.Nikolaev). Kryl.rod. 11 no.7;31 Jl '60.

DNIESTER VALLEY—LAMELLIBRANCHIATA, FOSSIL

Systematics of upper Cretaceous pectinids from the middle Dniester Valley. V.A.Sobetskii. Paleont.zhur. no.2;63-71 '60.

DNIESTER VALLEY—SUMMER RESORTS

Summer rest homes on the banks of the Dnieper and the Dniester Rivers I.Tukalevskii. Stroi i arkhit. 8 no.5:13-15 My '60.

DNIEPER VALLEY—WORLD WAR, 1939-1945

Utkin, G.M. [Heroes of the Dnieper] Geroi Dnepra. Moskva, Izd-vo DOSAAF, 1960. 143 p.

DOBAKHOVA, OL'HA PYLYPIVNA

Mail of our people's poetess. V.Bazel'chuk, I.Do..man. Ukraina no.11:9 Je '60.

DOBROV, SERGEI ALEKSEEVICH, 1884-1959

Sergei Alekseevich Dobrov; obituary. D.P.Naidin. Paleont.zhur. no.2:166-167 '60.

DOCTORS see Physicians

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DOCUMENTATION

Greater use of documentary materials available in the central archives of the Ministry of the River Fleet. I.Peshkov. Rech.transp. 19 no.5;54 My '60.

DODECANE—THERMAL PROPERTIES

Thermodynamic properties of diphenyldodecane ($C_{24}H_{34}$) at a temperature range from 13.3 to 298.18° K. K.A. Karasharli, P.G.Strelkov. Dokl.AN Azerb.SSR 16 no.3;249-253 '60.

DOG BREEDING

Mazover, A. P. [Breeding work in raising working breeds] Plemennoe delo v sluzhebnom sobakovodstve. Izd. 2., perer. i dop. Pod red. N. D. Potemkina. Moskva, Izd-vo DOSAAF, 1960. 296 p.

DOGS

Characteristics of the higher nervous activity in dogs with the strong type of nervous system combined with a passive defensive reaction. V.A. Adamovich-Gerasimov. Trudy Inst. fiziol. AN BSSR 3:3-12 '59.

Dog scent and its role in trailing [with summary in English]. L. V. Krushinskii, D. A. Fless, V. V. Rylov. Biul. MOIP. Otd. biol. 65 no.1:127-134 Ja-F '60.

DOGS—PARASITES see Parasites—Dogs

DOKSHUKINO—CORNCOBS

Acetone made from corncobs. Tekh. mol. 28 no.5:9 '60.

DOLLS

"Matreshka," a souvenir from Russia. IU. Arbat. Kul't. i zhizn' 4 no.7:39-41 '60.

DOLOMITE

(see also subdivision under Khingan Mountains)

Investigation of the methods employed in the treatment of dolomites. Report No.3: Reaction of dolomite with gypsum carbonic acid. M.V. Darbinian, S.G. Shekoian, R.U. Pogosian. Izv. AN Arm. SSR Khim. nauki 13 no.1:17-24 '60.

Origin of sedimentary dolomites [with summary in English] G.I. Teodorovich. Sov. geol. 3 no.5:74-87 My '60

Thermal reduction of magnesium by carbides. Report No. 2: Thermal reduction of dolomite by calcium carbide. M.V. Darbinian. Izv. AN Arm. SSR. Khim. nauki 12 no.6:389-400 '59.

DOLPHINS, FOSSIL see subdivision under Kuban Valley

DOMES

Analytic design of cyclic symmetrical domeshaped roofs [with summary in English, p. 74]. IA.D. Tsvehyts'. Visnyk ABIA URSR no.2:33-38 '60.

New reticular wooden construction elements. N. F. Svirin. Sbor. nauch. trud. LISI no.30:105-110 '60.

DOMESTIC ANIMALS

"Origin and transformation of domestic animals" by S. N. Bogoliubskii. Reviewed by K. B. Svechin, V. A. Lebenets. Usp. sovr. biol. 49 no.3:388-390 My-Je '60.

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DOMESTIC ECONOMY see Home economics

DOMESTIC EDUCATION

A characteristic of a small child. O. Nikiforova. Sem'ia i shkola 15 no.5:30 My '60

DOMINOES

Algorithmization and programming of a domino game. IU.A. Pervin. Probl. kib. no.3:171-180 '60.

DON DELTA—HYDROGRAPHY

Some general structural characteristics of the Don Delta. V.V. Romashin. Trudy GOIN no.40:111-117 '60.

DON RIVER—HYDROLOGY

Reservoir influence on hydrological and hydrochemical conditions in the lower course of rivers. I. K. Sholomov, M. K. Spichak. Dokl. AN SSSR 133 no.2:457-458 Jl '60.

DON RIVER—WATER—COMPOSITION

Reservoir influence on hydrological and hydrochemical conditions in the lower course of rivers. I. K. Sholomov, M. K. Spichak. Dokl. AN SSSR 133 no.2:457-458 Jl '60.

DONETS BASIN—ANTHRACITE COAL

Improving the quality of classified anthracite. N.F. Khidchenko, E.N. Orekhov. Ugol' 35 no.5:20 My '60.

DONETS BASIN—COAL MINERS

Unforgettable encounter. A. Shcherbina. Mast. ugl. 9 no.6:1 '60.

DONETS BASIN—COAL MINES AND MINING

Condition of vertical shaft walls of Donets Basin mines. IU.N. Onishchenko. Ugol' Ukr. 4 no.6:11-13 Je '60.

Directions in the development of coal mining in the Rostovugol' Combine during the current seven-year period. K.I. Pochenkov. Ugol' 35 no.5:1-5 My '60.

How the Communist Party of the Ukraine tried to develop coal mining in the Donets Basin, 1926-1929. M. M. Kobrushko. Ukr. ist. zhur. 4 no.4:15-26 Jl-Ag '60

Mechanization and automatization of coal mining. A.G. Tuzinskii, O.A. Lebedev. Ugol' 35 no.5:5-9 My '60.

New flowsheet for mining steeply dipping seams in the central area of the Donets Basin. V. P. Rudchenko. Ugol' 35 no.6:10-14 Je '60.

Profitable operations of Nesvetaiantratsit mine No.1. O.B. Batin. Ugol' 35 no.5:16-20 My '60.

Rapid mining during mine development operations. A. M. Fedorov. Ugol' 35 no.6:36-41 Je '60

Roof control by means of coal blocks in Donets Basin flat seams. A.V. Braitsev. Ugol' Ukr. 4 no.6:26-27 Je '60

Shaft equipment during the reorganization of deep Donets Basin mines. G. D. Efremov. Ugol' Ukr. 4 no.6:8-10 Je '60

Use of the longwall retreating to the rise system and of the pillar and stall method in the "Nikanor" Mine. N.F. Tekuchev, S.I. Zorin. Ugol' 35 no.5:25-27 My '60

DONETS BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Apparatus for determining the breaking strength of rocks. V.G. Smorliuk. Ugol' 35 no.5:47-50 My '60.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Achieved successes will be strengthened and increased, and the seven-year plan will be fulfilled ahead of time. P. V. Golovach. Ugol' Ukr. 4 no.6:22-24 Je '60

Patriotic initiative of N. I. Dubovik's brigade. I. V. Manshilin. Ugol' Ukr. 4 no.6:20-21 Je '60

"Sholokhovskaia-IUzhnaia" Mine attains the rated production capacity. IU.E. Mamulov, F.E. Kerentsev. Ugol' 35 no.5:16-17 My '60.

DONETS BASIN—COAL MINING MACHINERY

Iron longwall. Mast. ugl. 9 no.7:16-17 Jl '60.

DONETS BASIN—ELECTRICITY IN MINING

Testing the use of mobile electric substations in the "Proletarskaya-Glubokaya" Mine. S. T. Sergeev, IU. S. Zhdanov. Ugol' 35 no.7:54-55 Jl '60.

DONETS BASIN—FORAMINIFERA, FOSSIL

New species of Foraminifera from upper Cretaceous sediments in the northwestern border of the Donets Basin. V. F. Gorbenko. Izv. vys. ucheb. zav., geol. i razv. 3 no.1:67-76 Ja '60.

DONETS BASIN—GEOLOGY, ECONOMIC

Novyk, K. O., and V. V. Permiakov. [Great Donets Basin; a history of its problems and the results of their study] Velykyi Donbas; istoriia stanovlennia problemy ta rezul'taty doslidzhen'. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 50 p.

DONETS BASIN—HYDRAULIC MINING

Hydraulic hoisting of rock in the "IUzhnaia" Mine. M. L. Zhurzha. Ugol' 35 no.6:25-29 Je '60

DONETS BASIN—HYDROCARBONS

Heavy hydrocarbons in Donets coal gases. V. P. Kozlov. Geol. nefti i gaza 4 no.6:40-48 Je '60.

DONETS BASIN—MINE DUSTS

Dust control in the Rostovugol' Combine mines. V.A. Merkulov, K.A. Chebotarev. Ugol' 35 no.5:21-23 My '60.

DONETS BASIN—MINE GASES

Gas removal from coal seams of the Donetsugol' Trust "IUgo-Zapadnaia" Mine no.3. N.A. Den'shchikov, N.V. Svekolkin. Ugol' 35 no.5:23-25 My '60.

DONETS BASIN—MINE HAULAGE

Conveying machinery for coal haulage in the "V.I. Lenin" mine. S.M. Sokolov, S.T. Avramenko. Ugol' 35 no.5:12-13 My '60.

Experiment in increasing the capacity of underground transportation in the Donets Basin mines. V. A. Ponomarenko, S. IU. Kravchinskii. Ugol' 35 no.6:34-36 Je '60.

DONETS BASIN—MINE HOISTING

Mechanization and automatization of haulage and car exchange operations in mine surface buildings. I. A. Prusakov. Ugol' 35 no.6:37-38 Je '60.

DONETS BASIN—MINE MANAGEMENT

Reorganization of mines representing the capital assets of the "Shakhtantratsit" Trust. G.A. Usatov. Ugol' 35 no.5:14-16 My '60.

DONETS BASIN—MINE VENTILATION

Results of aerodynamic tests of the VTSO 3,1-110/150 centrifugal mine fan. G.A. Babak, P.F. Kara. Ugol' Ukr. 4 no.6:34-35 Je '60

DONETS BASIN—MINERS—SONGS AND MUSIC

Donets miners' songs. Aleksei Ionov. Sov.Ukr. 10 no.8:156-160 Ag '60.

DONETS BASIN—POLYZOA, FOSSIL

New polyzoans of the genus Rhombotrypella from the upper Carboniferous of the Donets Basin. N. N. Dunaeva. Paleont. zhur. no.2:44-51 '60.

DONETS BASIN—RADIO

Stalino tells its story. B. Robul, V. Feklushin. Radio no.7:10-12 Jl '60.

DONETS BASIN—ROCK PRESSURE

Results of observations on the behavior of rock walls in steeply dipping seams with shifting of shield supports. V. F. Skafa, D. E. Makhno. Ugol' 35 no.6:17-20 Je '60.

DONETS BASIN—STOPING (MINING)

Over-all mechanization of stoping operations. D.I. Zaslavnov, A.B. Golod. Ugol' 35 no.5:9-12 My '60.

DONETS BASIN—TOURISTS, FRENCH

A letter from André Puyet, a former miner. Ukraina no.14:2 Jl '60.

DONETS BASIN-NORTHERN DONETS CANAL see Northern Donets-Donets Basin Canal

DONETS RIDGE—PHYSICAL GEOGRAPHY

"Studies in the natural history of the Donets Ridge" by V.S. Preobrazhenskii. Reviewed by M.G. Bozhko. Vest. Mosk. un. Ser. 5: Geog. 15 no.3:77-78 My-Je '60.

DONSKOI, NIKOLAI ALEKSEEVICH, 1912-1957

In memory of N.A. Donskoi; obituary. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:317-349 '59

DOORS—STANDARDS

Change in the all-Union state standard for wooden doors for residential and public buildings. Biul. strol. tekh. 17 no.7:25 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Window and door fittings] Pribory dlia okon i dverei. Izd. ofitsial'noe. Moskva, 1960. 62 p. (Gosudarstvennye standarty SSSR)

DOPPLER EFFECT

Doppler effect. V. Zhovinskii. Kryl. rod. 11 no.6:25 Je '60

DORMITORIES see subdivision under Crimea

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

Turning to Dostoevskii; notes on the film "White nights." V. Zhdanov. Isk. kino no.5:88-94 My '60

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956

The sources of great motion pictures; recollections on A. P. Dovzhenko (to be continued). L. Bodik. Sov. Ukr. 10 no.8:76-95 Ag '60.

DOWELS

Device for manufacturing dowels. P. P. Matveev. Der. prom. 9 no.5:25 My '60.

DRABKINA, ELIZAVETA IAKOVLEVNA

On E. Drabkina's stories. Novyi mir 36 no.7:279-282 Jl '60.

DRACAENA see subdivision under Georgia

DRAINAGE

(see also subdivision under Meshchera; Polesye)

Deep drainage of flat bogs. S. F. Aver'ianov, D. P. IUnevich, V. M. Ignat'eva. Gidr. i mel. 12 no.5:24-30 My '60.

The KN-700 tractor-mounted mole plow. E. I. Kop'ev. Gidr. i mel. 12 no.7:43-46 Jl '60.

Using photographic plans on a scale of 1:10,000 enlarged to a scale of 1:5,000 in planning drainage systems. P. IU. Kaushakis. Geod. i kart. no.6:60-63 Je '60.

Work practices in the drainage of peat bogs. V.M. Zubets. Gidr. i mel. 12 no.7:27-42 Jl '60.

DRAINAGE RESEARCH

Plenum of the Department of Hydraulic Engineering and Land Reclamation of the All-Union Academy of Agricultural Sciences. I.F. Rusinov. Gidr. i mel. 12 no.6:60-62 Je '60.

DRAMA—HISTORY AND CRITICISM

Playwriting and the course of our lives (at the Board of Directors plenum of the Writers' Union of the U.S.S.R.). Teatr 21 no.7:37-46 Jl '60.

DRAMA FESTIVALS see subdivision under Moscow

DRAMATIC CRITICISM

From a journalist's notebook. V. Vorovskii. Teatr 21 no.7:158-159 Jl '60.

DRAWING—AUDIO-VISUAL AIDS

Use of visual aids in teaching drawing. V. N. Vetrov. Izv. APN no.103:197-253 '59.

DRAWING—INSTRUCTION

The choice of models for teaching drawing. E. E. Rozhkova. Izv. APN no.103:7-107 '59.

Drawing models for the upper grade of a kindergarten. T. S. Komarova. Doshk. vosp. 33 no.5:116-120 My '60.

Foreword. A. Fomichev. Izv. APN no.103:3-6 '59.

Linear composition of a drawing. G. A. Nazarevskaia. Izv. APN no.103:109-196 '59.

Lomov, B. F. [Formation of graphic knowledge and skills in students] Formirovanie graficheskikh znanii i navykov u uchashchikhsia. Pod red. B. G. Anan'eva. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 268 p.

Teaching subject drawing. L. A. Raeva. Doshk. vosp. 33 no.5:46-53 My '60

Teaching the technique of drawing in drawing classes. L. I. Zhdanov, N. P. Kosterin. Nach. shkola 28 no.6:34-42 Je '60.

DRAWING (METALWORK)
Drawing of steel tubes without drying. Z. A. Grinberg. Trudy NTO chern.met. 15:105-112 '59.

DREDGING
Results of using a new system of planning waterway construction operations in the Irtysh Basin. A. Sedykh, V. Degtiarev. Rech.transp. 19 no.6:39-40 My '60.
Use of a hydrocyclone centrifuge for thickening dredging slurry. A. I. Zhangarin. Vest. AN Kazakh.SSR 16 no.6 [illegible] Je '60.
[illegible] floating bridges in hydraulic dredging operations. [illegible] Mekh.stroi. 17 no.7:17 Jl '60.

DREDGING MACHINERY
(see also subdivision under Germany, West)
Diesel electric dredgers. V. V. [illegible] Sudostroenie no. [illegible] Jl '60

DREDGING MACHINERY--DESIGN
Designing [illegible] for pump dredges. [illegible] Mekh. [illegible] no.7:26-27 Jl '60.

DRESDEN--PEACE CONGRESS
Address of Metropolitan Nikolai to members of the Conference of the Fighters for Peace in Dresden, May 9-11, 1960. Zhur.Mosk.Patr. no.6:54-56 Je '60.
Conference of the Fighters for Peace in Dresden. Zhur.Mosk.Patr. no.6:54 Je '60.

DRESSMAKING
[illegible], V. P., and M. P. [illegible]. [Sew it yourself] [illegible] Kishinev [illegible] 1960. 310 p.

DRESSMAKING--PATTERN DESIGN
Design and grading of patterns for the manufacture of pullovers (from "[illegible]," no.6, 1959). [illegible] 9 no.6:76-77 Je '60.
Pattern design and grading for pullover manufacture (from "[illegible]," no.7, 1959) Tekst.prom. 20 no.7:80-81 Jl '60.

DREYFUS CASE
The Dreyfus case. [illegible] [illegible] no.5:[illegible] My '60.
Zola, champion of peace and justice. [illegible] [illegible] My '60.

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILL AND MINOR TACTICS
[illegible] Ap '60.

DRILLING AND BORING
Investigating [illegible] no.10 [illegible] '59.

DRILLING AND BORING MACHINERY
(see also subdivision under [illegible] Province)
Device for drilling holes. [illegible] Ag '60.
Use of a [illegible] [illegible]

DRILLING AND BORING MACHINERY--ATTACHMENTS
Attachments for [illegible] V. I. [illegible] 26 Jl '60

DRILLING AND BORING MACHINERY--COOLING
[illegible] My '60

DRILLING AND BORING MACHINERY--LUBRICATION
Device for automatic lubrication of [illegible] V. V. [illegible] Jl '60.

DRINKING WATER--ANALYSIS see subdivision under [illegible] Province

DRINOV, MARIN STEPANOVICH, 1838-1906
The beginning of M. S. Drinov's [illegible] 137-160 '59

DROGOBYCH, IURII, ca. 1450-1494
Drill from Drogobych. [illegible] no.4:[illegible] Ag '60

DRONOVKA REGION (LUGANSK PROVINCE)--CELESTINE
Celestine from lower Permian deposits of the Donets Basin. [illegible] Dokl.AN SSSR [illegible] 450 Jl '60.

DROPS
Drops. [illegible] 49 no.7:[illegible] Jl '60
Effect of the [illegible] factor on the breaking of drops in a stream made turbulent by a bubbling gas. V. [illegible], A. [illegible] 11 no.5 1088-1092 My '60.

DROUGHTS
Akademiia nauk SSSR. Institut geografii. [Hydrological and climatic regimen of the forest steppe and steppe zones of the U.S.S.R. in arid and humid years] [illegible] Moskva, Izd-vo AN SSSR, 1960. 178 p.

DRUG INDUSTRY see subdivision under United States

DRUGS
[illegible] 38 no.10 [illegible] '60.
New drugs and [illegible] [illegible] 30 no.5 [illegible]

DRUMS (CONTAINERS)
Plywood drums. [illegible] no.7:18-19 Jl '60

DRURIE, IOAN
A [illegible] by Ioan Drutse [illegible] no.6 240 [illegible]

DRYING APPARATUS
(see also subdivision under [illegible])
Automatic control of drying [illegible] [illegible] no.5 [illegible] My '60
[illegible] steam pressure [illegible]

DU BELLAY, JOACHIM, ca 1522-1560
"Regrets" by Du Bellay. A. D. Mikhailov. [illegible] no.6:20-[illegible] '60

DUBNA--BUBBLE CHAMBER
[illegible] 15 no.5 [illegible] My '60

DUBNA--NUCLEAR RESEARCH
[illegible] of the atom [illegible] 60-67 Je '60.

DUBNA--PARTICLE ACCELERATORS
Outstanding discoveries. [illegible] My '60

DUBNA--PHOTOGRAPHY--EXHIBITIONS
With [illegible]

DUBOSSARY HYDROELECTRIC POWER STATION
[illegible]

DUBROVKA, VLADIMIR, 1900
A poet's happy [illegible] 16 [illegible] '60

DUCKS--PARASITES see Parasites--Ducks

DUCHARLE? [illegible]
[illegible]

DUCHENKO, IVAN STEPANOVICH, 1857-1906
Ivan [illegible] [illegible]

DULLES, ALLEN WELSH, 1893
Allen Dulles. [illegible] Ag '60.

DUMANSKII, ANTON VLADIMIROVICH, 1880
A. V. Dumanskii on the eightieth anniversary of his birth. Koll.zhur. 22 no.3:265-266 My-Je '60.
Anton Vladimirovich Dumanskii on the eightieth anniversary of his birth. [illegible] zhur. 26 no.1:285-288 '60.

DUMP TRUCKS
(see also subdivision under [illegible] White Russia)
[illegible], S. N. [Operation of [illegible]] Moskva, Nauchno-tekhn. [illegible] transp. [illegible]

DUMP TRUCKS--WELDING
Assembling and welding [illegible] Mashino [illegible]

DUODENUM
Nervous regulation of [illegible] duodenum in [illegible] '59.
Regulation of digestion in the [illegible] Trudy Inst.fiziol. [illegible] '59.

[illegible]

DYNAMOMETER

Dynamometer with induction transmitters for measuring torque. I.P. Zakharenko, D.V. Kozhevnikov. Priborostroenie no.7 29-30 Jl '60.

Some problems in the dynamometry of an agricultural crawler tractor. V.M. Apukhtin, V.P. Zablotskii, A.A. Khlus. Izv.vys.ucheb.zav.,mashinostr. no.5:159-164 '60.

DYSENTERY
(see also subdivision under Kirovabad)

Antitoxic function of the liver in acute dysentery. M.B. Titov. Vrach.delo no.7.120 Jl '60.

Concentration of chlortetracycline in patients with dysentery [with summary in English]. M.F. Rostapshov. Antibiotiki 5 no.1:124-125 Ja-F '60.

Condition of the mucous membrane of the distal section of the large intestine in dysentery convalescents. O.V. Rossova. Zdrav.Kazakh. 18 no.1:56-59 '58.

Dangerous enemy of health. R. Epshtein-Litvak. Okhr. truda i sots.strakh. 3 no 6:69-71 Je '60.

Diagnosis and treatment of chronic dysentery G V. Kvitashvili. Soob. AN Gruz.SSR 24 no 3:363-370 Mr '60.

Functional changes in the pancreas in bacillary dysentery. L.V. Nirenberg. Vrach.delo no.7.120-121 Jl '60.

Intestinal form of lambliasis and its differentiation from dysentery. V.I. Khalitova. Zdravookhranenie 3 no.3: 24-27 My-Je '60.

Physical therapy for dysentery patients. S.L. Zabrodskii. Vrach.delo no.7.91-93 Jl '60.

Survey of works on the use of TSuverkalov's dysenterial allergen for diagnostic purposes and on its nature. G.A. Gorchakova. Vrach.delo no.7 85-90 Jl '60.

Treatment of acute dysentery with small doses of biomycin. A.F. Frolov. Vrach.delo no.7.93-96 Jl '60.

Use of a water-alcohol extract from the root of Bergenia crassifolia in acute bacillary dysentery. M.S. Kalinin. Kaz.med.zhur. 40 no.5:119-120 S-O '59.

DYSPROSIUM

Spectrum of conversion electrons of a dysprosium fraction. A.S. Basina, K.IA. Gromov, B.S. Dzhelepov. Izv.AN SSSR Ser.fiz. 24 no.7:811-816 Jl '60.

DZERZHINSKII, FELIKS EDMUNOVICH, 1877-1926

V.I. Lenin and F.E. Dzerzhinskii A. Khatskevich. Vestsi AN BSSR Ser hram.nav. no.2.80-93 '60

DZHABARLY, DZHAFAR, 1899-1934

A great Soviet playwright. Mekhti Mamedov. Teatr 21 no.7:130-138 Jl '60.

DZHALMAN—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

Scythian site of Dzhalman in Crimea. V.S. Drachuk. Krat.soob.Inst.arkheol AN URSR no.9:77-79 '60.

DZHAMBUL—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We are busy in summer too. I. Pak. Part.zhizn' Kazakh. 30 no.7:67-68 Jl '60.

DZHANELIDZE, IUSTIN IULIANOVICH, 1883-1950

Problem of burn trauma in the works of IU.IU. Dzhanelidze. A.A. Beleva. Sov.zdrav.Kirg. no.1:58-62 Ja-F '60.

DZHEBRAIL DISTRICT—PALEONTOLOGY

Shallow-water Tarkhan horizon near the village of Mashanly in Dzhebrail District, Azerbaijan. M.T. Pronina. Dokl.AN Azerb.SSR 16 no.3:267-270 '60.

DZHETY-SU see Semirech'ye

DZHETYG REGION (URAL MOUNTAINS)—TALC

Genetic characteristics of the talc-bearing deposit near Dzhetyg in the southern Urals. I. F. Konstantinov. Izv. vys ucheb zav ,geol.i razv. no.3 87-93 Mr '60.

DZHEZKAZGAN—LANDSCAPE GARDENING

Landscape gardening in Dzhezkazgan. N.L. Semiotrocheva. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3: 75-88 '60.

DZHEZKAZGAN—MINING ENGINEERING

The most important part of the Greater Dzhezkazgan. A. IUshin. Part.zhizn' Kazakh. 30 no.5.24-28 My '60.

Prospects for the use of short-delay blasting in Dzhezkazgan underground and open-pit mines. S.A. Davydov. Vzryv.delo no.44/1:178-183 '60.

DZHURAEV, MASHRAB

Love of work P. Korzinkin. Kryl rod. 11 no.5 17-18 My '60.

EAR—DISEASES

Fitness for military service of subjects with chronic suppurative otitis. B.A. Smuzikov. Voen.-med.zhur. no.5:57-58 My '60.

Sulfamethine treatment of otitis media purulenta chronica in tuberculosis patients. G.B. Podgaetskii, E.I. Pukh. Pat.,klin.i terap.tub. no.9:210-212 '58.

EAR—SURGERY

He who restores hearing Dm Prikordonnyi Ogonek 38 no 23 9 Je '60

EARTH

The origin of the earth B.IU Levin Kul't i zhizn' 4 no 7 28-31 '60.

EARTH—BIBLIOGRAPHY see Bibliography—Earth

EARTH—CURIOSA AND MISCELLANY

Beyond the limits of knowledge ("Unsolved mysteries" by G. Golubev. Reviewed by A. Kol'tsov. Nauka i zhizn' 27 no.7:74-75 Jl '60.

EARTH—SURFACE

Some results of observations on deformations of the earth's surface at the "Yalta" Geophysical Station. V.V. Popov, M.K. Cherniavkina. Izv.AN SSSR.Ser.geofiz. no.7.1006-1012 Jl '60.

Thermal deformations of the earth's surface. V.V. Popov. Izv.AN SSSR.Ser.geofiz. no.7.913-921 Jl '60.

EARTH MOVEMENTS

Gorodnichev, V.M. [Modern methods of controlling the swelling of rocks] Sovremennye metody bor'by s pucheniem gornykh porod. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 99 p.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE

Analytical method for determining the geothermal gradient from data of temperature changes in boreholes [with summary in English] H V Dubanov Dop.AN URSR no 3:335-338 '60

Earth's hot breath. I.N. Dvorov. Nauka i zhizn' 27 no.6:17-22 Je '60.

Effect of the heat of rocks on the average yearly temperature of the ventilation blast in a mine [with summary in English]. H.V. Dubanov. Dop.AN URSR no.4:473-476 '60.

Red coal. R. Shapiro. Znan.sila 35 no.6:6-8 Je '60.

Thermal deformations of the earth's surface. V.V. Popov. Izv.AN SSSR.Ser.geofiz. no.7:913-921 Jl '60.

EARTHMOVING MACHINERY
(see also subdivision under United States)

Machinery for over-all mechanization of earthwork and road construction P Sankin, L Chudinovskii Stroi arkhit.Mosk 8 no 5 23-25 My '60

Mechanization of earthwork in housing construction B M Rogachevskii Mekh stroi 17 no 5 12-14 My '60.

Volkov, D.P. [Earthmoving machinery] Mashiny dlia zemlianykh rabot. Red. I.I. Changli. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 111 p. (Sovetskoe mashinostroenie v 1959-1965 gg.)

EARTHQUAKES see subdivision under Chile

EARTHQUAKES AND BUILDING

Earthquake-proof buildings S Duzinkevich Zhil stroi no 5 20-22 My '60

Explanation of the change No.1 introduced in "Norms and regulations for building in seismic regions." Biul.stroi. tekh. 17 no.7:36 Jl '60.

Method for sealing joints of precast reinforced concrete ceilings in seismic regions. A.L. Chraian, S.IU. Duzinkevich, Sh.A. Dzhabua. Prom.stroi. 38 no.7: 26-31 '60.

"Pendelum" building F D. Zelen'kov. Nauka i zhizn' 27 no 5 66 My '60

EARTHWORK

Diagrams for over-all mechanization of earthwork. A.D. Kodun. Avt.dor. 23 no.7:14 Jl '60.

The over-all mechanization of earthwork in the construction area of the Dnieper-Krivoy Rog Canal. G.B. Borcharnikov, A.A. Zhukov. Gidr.stroi. 30 no.7:8-12 Jl '60.

Ways of lowering costs of earthwork operations. A.P. Degtiarev. Mekh.stroi. 17 no.7:10-20 Jl '60.

EARTHWORK—COLD WEATHER CONDITIONS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for conducting earthwork in winter; SN 60-60] Instruktsiia na proizvodstvo zemlianykh rabot v zimnee vremia; SN 60-59. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 62 p.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—ENCEPHALITIS

Epidemiology of tick-borne encephalitis in East Kazakhstan Province. S.I. Rybalko, E.F. Petrova, E.T. Prikhod'ko. Trudy Inst.zool.AN Kazakh.SSR 12:43-53 '60.

EAST KAZAKHSTAN PROVINCE—FOREST SOILS

Some specific features and silvicultural properties of light-grey Podzolic forest soils in the northwestern part of the Altai. G.G. TSener. Izv.AN Kazakh.SSR. Ser.bot.i pochv. no.3:32-43 '60.

EAST KAZAKHSTAN PROVINCE—NONFERROUS METALS

Technological progress is the most important objective. P. Egorov. Part.zhizn' Kazakh. 30 no.5 33-36 My '60.

EASTERN EUROPE see Europe, Eastern

EASTERN ISLAND—DESCRIPTION AND TRAVEL

On Eastern Island. A.V. Zhivago. Nauka i zhizn' 27 no.7:44-49 Jl '60.

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EASTERN SIBERIA see Siberia, Eastern

EBERTHELLA TYPHOSA

Development of filtrable forms of typhoid and dysentery bacteria. B.P. Karabekov. Izv.AN Arm.SSR.Biol. nauki 13 no.1:55-62 Ja '60.

ECHINOCOCCUS see Tapeworms

ECOLOGY
(see also subdivision under Kazakhstan)

Activities of the Biogeographical Commission of the Moscow Branch of the Geographical Society of the U.S.S.R L N. Sobolev, E E. Syroechkovskii. Vop geog no.40 303-304 '60.

New work on ecology ("Principles of ecology" by B.G. Ioganzen. Reviewed by G.V. Krylov, N.G. Kolomiets). Izv.Sib.otd AN SSSR no.5:109-111 '60.

ECONOMIC ASSISTANCE

By whom and how are the underdeveloped countries being helped? N. Semin. Kul't.i zhizn' 4 no.6:7-12 '60.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Africa; Latin America

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Afghanistan

ECONOMIC COUNCILS
(see also subdivision under Gorkiy)

Conferences on standardization held in economic councils. Standartizatsiia 24 no.6:3-5 Je '60.

"Local soviets and economic councils; relations of local soviets with economic councils and their enterprises and organizations" by IA.A. Tikhomirov. Reviewed by K.F. Sheremet. Sov.gos.i pravo no.7:194-197 Jl '60.

Role of such organizations as the Supreme Council of the National Economy. S. Naznov. Polit.samoobr. 4 no.7:56-60 Jl '60.

ECONOMIC DEVELOPMENT

If peace lasts forever .. G Golubev. Nauka i zhizn' 27 no 5 2-7 My '60.

ECONOMIC HISTORY

Economic life. V zashch.mira no.6:64-76 My '60.

Economic life. V zashch.mira no.7:56-61 Je '60.

Facts on the deepening of the general crisis of capitalism after the Second World War ("Economy of capitalist countries after the Second World War." Reviewed by M. Guttsait). Vest.stat. no.7:60-65 '60.

For the well-being of the people. Obshchestv pit. no.6: 1-2 Je '60

Valuable book on the economic history of foreign countries ("Economic history of foreign countries" by V.T. Chuntulov. Reviewed by B. Kachura). Dop.AN URSR no.5: 707-710 '60.

ECONOMIC ZONING

Lenin's ideas of socialist economic districts and their realization P.M. Alampiev Izv.AN SSSR.Ser.geog. no.4:35-43 Jl-Ag '60

ECONOMICS (Continued)

On special features in the operation of the economic laws of capitalism in the initial stage of the transition from capitalism to socialism. K.Bobkov. Nauch.dokl.vys.shkoly;ekon.nauki no.2:141-148 '60.

On the revisionist theories of "combining" bourgeois and Marxist economics. I.Dvorkin. Vop.ekon. no.8:78-88 Ag '60.

[Political economy; textbook for students of economic theory] Politicheskaia ekonomiia, posobie v pomoshch' izuchaiushchim voprosy ekonomicheskoi teorii. [Leningrad] Lenizdat, 1960. 363 p.

Ryadina, M.N. [Criticism of the economic theories of the revisionists] Kritika ekonomicheskikh teorii revizionistov. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 66 p.

"Take care of the peace and the people will take care of themselves." B.Gol'dberg. Bibliotekar' no.7:18-20 Jl '60.

"Three essays on the state of economic science" by T.C. Koopmans; "Introduction to mathematical economics" by D.W. Bushaw, R.W.Clower [both in English]. Reviewed by S.Nikitin. Mir.ekon.i mezhdunar.otn. no.7:155-157 Jl '60.

Vasilevskii, E.G. [Origin of vulgar political economy] Vozniknovenie vul'garnoi politicheskoi ekonomii. Moskva, Gos.izd-vo "Vysshaia shkola," 1960. 78 p. (Materialy k lektsiiam po politicheskoi ekonomii)

ECONOMICS--BIBLIOGRAPHY see Bibliography--Economics

ECONOMICS--STUDY AND TEACHING
(see also subdivision under Erivan; Novosibirsk)

How to use the economics textbook in propaganda talks. M.Il'nyts'kyi. Blok.agit (Ukr.) no.13:16-21 My '60

Main trends of scientific research. K.Bobkov. Nauch.dokl.vys.shkoly;ekon.nauki no.2:173-176 '60.

ECONOMICS--TEXTBOOKS

Comprehensive textbook on capitalist economics ("Economics", a textbook. Reviewed by M.Draglev, I.[illegible], P.Kashutin). Kommunist 37 no.12:62-70 Ag '60

Discussion of an economics textbook. Vest.Mosk.un. Ser.ekon.,filos.,prava 11 no.2:166-170 '56.

ECONOMICS, MATHEMATICAL

Mathematical methods in economic research and planning. Rech.transp. 19 no.5:51 My '60.

ECONOMICS, MATHEMATICAL--CONGRESSES

Mathematical methods in economics; scientific conference on the use of mathematic methods in economic studies and planning. Vop.ekon. no.8:100-120 Ag '60

Scientific conference on the use mathematical methods in economic studies and planning. I.Birman. Vest.stat. no.7:41-52 '60

EDDY ELECTRIC CURRENTS see Electric currents, Eddy

EDEN, SIR ANTHONY, 1879-

The confessions of Anthony Eden (Published in English as "Memoirs." Reviewed by G.Bondarevskii). Sov.Vost. no.7:56-60 Jl '60.

EDUCATION
(see also subdivision under Armenia; Azerbaijan, Bulgaria, China; Germany, West, Guinea; Kazakhstan, Ukraine, United States, Vietnam, North)

Answering young workers' questions. Mol.komm. no.7:50-60 Jl '60

First attempts to implement the law on school reform. R.Karcha. Mat.i soob.Inst.uch.Inst.po nauch.[illegible] no.12/13:19-31 F Mr '60.

For durable peace in the name of the happiness of nations and their bright future; N.S.Khrushchev's speech at the All Russian Congress of Teachers on July 9, 1960. Rad.shk. 39 no.7:4-23 Jl '60.

General meeting of the Academy of Pedagogical Sciences of the R.S.F.S.R. Sov.pedag. 24 no.5:151-155 My '60.

Give each student a public occupation. V.Stoliaya. Komsom.zhizn' no.13:28-29 Jl '60.

In the Academy of Pedagogical Sciences of the R.S.F.S.R. Sem'ia i shkola 15 no.5:43 My '60

In the Ministry of Education of the R.S.F.S.R. Sem'ia i shkola 15 no.6:19 Je '60.

K.D.Ushinskii State Library of Public Education and its tasks. M.A.Anashkina. Biblio.SSSR no.13:95-105 '60.

Lenin and the problems of public education. N.K.Goncharov. Sov.pedag. 24 no.4:24-39 Ap '60.

Let's creatively evaluate the results of the first year of school reform. Rad.shk. 39 no.7:34-35 Jl '60.

Let's raise the standard of general education. E.I.Monoszon. Sov.pedag. 24 no.5:3-18 My '60

Preparation for current "Pedagogical lectures" at the Academy of Pedagogical Sciences of the R.S.F.S.R. Shkola i proizv. 4 no.6:85-88 Je '60.

Problems of public education at the Brussels Congress of the First International. E.A.Frumov. Sov.pedag. 24 no.4:131-150 Ap '60.

V.I.Lenin and the cultural revolution. F.F.Korolev. Sov.pedag. 24 no.4:11-23 Ap '60.

V.I.Lenin and the school. A.M.Arsen'ev. Dokl.APN no.2:5-[illegible] '60

Vessel', N.Kh. [Essays on general education and the system of public education in Russia] Ocherki obshchego obrazovaniia i sistemy narodnogo obrazovaniia v Rossii. Red.V.IA.Struminskii. Moskva, Gos. uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 318 p.

EDUCATION--BIBLIOGRAPHY see Bibliography--Education

EDUCATION--CONGRESSES

All-Union Conference on Extracurricular Work. V.A. Ponomarev. Biol.v shkole no.4:95-96 Jl-Ag '60

Congress of rural teachers in [illegible]. A.[illegible]. Nar.obr. no.7:112-113 Jl '60.

From the tribune of teachers' congresses. Nar.obr. no.7:12-14 Jl '60.

To the participants of the All-Union Teachers' Congress and teachers of biology. Biol.v shkole no.4:1-6 Jl-Ag '60

EDUCATION--EXPERIMENTAL METHODS

Conference devoted to experimental work in [illegible]. V.M.Bilyk. Rad.shk. 39 no.7:[illegible] Jl '60.

EDUCATION--PERIODICALS
(see also subdivision under Europe, Eastern)

Read it in the periodicals. Nar.obr. no.7:125 Jl '60.

EDUCATION--PHILOSOPHY

N.K.Krupskaia as a founder of the Soviet theory of the content of school education. P.I.[illegible]. Izv. APN no.7:41-48 '60.

EDUCATION--STATISTICS

Inspiring results. Sov.pedag. 24 no.4:3-10 Ap '60.

EDUCATION, COMMUNIST see Communist Education

EDUCATION, COOPERATIVE
(see also subdivision under Baku, Gorkiy, Leningrad, Moscow, Nezhin, Ryazan, Tatar A.S.S.R.)

Be worthy of the trust. [illegible] 17 no.5:26-28 My '60

Discussing the problem of combining education with productive work. K.Vasil'ev. Sov.pedag. 24 no.4:157-158 Ap '60.

Educational and character significance of students' work in industry. R.A.[illegible]. Dokl.APN no.2:[illegible] '60

Educational significance of different types and forms of student wages. V.A.IAkovlev. Shkola i proizv. 4 no.6:31-37 Je '60.

Expand the productive activity of [illegible]. Prof.-tekh.obr. 17 no.5:1-2 My '60

From the tribune of teachers' congresses. Nar.obr. no.7:12-14 Jl '60

An important and responsible task. M.A.[illegible]. [illegible]

Inculcating in senior grade students [illegible] for manual work [illegible]. I.A.[illegible]. Sov.pedag. 24 no.5:[illegible] My '60

Industrial and vocational training of students in general schools. I.H.[illegible]. Rad.shk. 39 no.[illegible] '60.

Knowledge, light, and joy for the people. I.[illegible]. Komsom.zhizn' no.11:13-17 Je '60.

More about the creative use of organizational forms of student work in agriculture. Shkola i proizv. 4 no.6:41-44 Je '60.

Some aspects of students' work training. M.I.[illegible]. Shkola i proizv. 4 no.6:16-19 Je '60.

Strengthen and improve the new organizational forms of student work in agriculture. V.I.[illegible]. Shkola i proizv. 4 no.6:37-41 Je '60.

Training in a work brigade. S.Kaletina. Prof.-tekh.obr. 17 no.6:10-11 Je '60.

EDUCATION, ELEMENTARY
(see also subdivision under Chekhov District, Novo Annenskiy District)

Conference of workers of the primary grades [illegible]. O.Velezheva, T.[illegible]. Nach.shkola 25 no.6:95-96 Je '60.

New programs for grades 1-4 of the eight-year schools. Nach.shkola 25 no.6:3-14 Je '60.

Psychological preparation of the primary grade students for work. A.A.Lublinskaia. Nach.shkola 25 no.6:15-19 Je '60.

A useful monograph ("Elementary education [illegible] of children." Reviewed by A.N.[illegible]). Sov.pedag. 24 no.5:154-156 My '60

"Work in a small school." Reviewed by M.N.[illegible]. Nach.shkola 25 no.6:85-87 Je '60

EDUCATION, ELEMENTARY--CURRICULA

Suggested distribution of program material by quarters in grades 1-4 for the 1960-1961 school year. Nach.shkola 25 no.6:89-94 Je '60.

EDUCATION, HIGHER

Higher education in the U.S.S.R. during the fifth and sixth five-year plans. E.V.Chutkerashvili. Nauch.trud. MZPI no.8:3-20 '60.

EDUCATION, INDUSTRIAL see Manual training

EDUCATION, [illegible]
(see also [illegible] Ukhta)

[illegible] Vlakova [illegible]

[illegible] to preschool [illegible] 24 no.5:100 My '60

[illegible] Chikov [illegible]

[illegible] Doshk [illegible]

[illegible] public education [illegible] Sov.pedag. 24 no.4 [illegible] Ap '60

[illegible] 24 no.5 [illegible] My '60

EDUCATION, RURAL

[illegible] of rural eight-year [illegible] A.M.[illegible]. Shkola i proizv. 4 no.6 [illegible] Je '60

[illegible] Doshk.vosp. [illegible]

EDUCATION OF ADULTS see Adult education

EDUCATION OF CHILDREN
(see also [illegible])

[illegible] training in eight-year [illegible] 4 no.6 [illegible] Je '60

[illegible]

[illegible] kindergarten [illegible]

[illegible] for work and labor [illegible] 24 no.4 [illegible]

EDUCATIONAL [illegible]

[illegible] K.A. [illegible]

[illegible]

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL
(see also [illegible] Novosibirsk, [illegible])

[illegible]

[illegible]

[illegible] Moskva, [illegible]

[illegible] review [illegible]

[illegible]

[illegible] May 21-30, 1960) [illegible]

[illegible] Agitator no.10 [illegible] My '60

[illegible]

[illegible]

[illegible] Trud i [illegible] VTsSPS Profizdat, 1960. 109 p.

"Mastery is immortal" by V. Apresian. Reviewed by A. Fradkin. Znan.sila 35 no.7:52-53 Jl '60.
New phase and its important problems. V. Loginov. Part. zhizn' no.14:10-12 Jl '60.
On the path to communism. Vest.stat. no.7:3-6 '60.
Our country's might is based on the creative work of the millions. Polit.samoobr. 4 no.6:3-8 Je '60.
The patriotic movement of our time. V. Sitnikov. NTO 2 no.7:3-4 Jl '60.
P'ianov, A.S., and A.G. Tarlovskii. [Combined brigades of efficiency promoters] Kompleksnaia brigada ratsionalizatorov. Moskva, Izd-vo VTsSPS Profizdat, 1959. 44 p.
The socialist organization of labor. N. Ivanov. Agitator no.14:25-29 Jl '60.
Skhan', L.V. [People inspiring work] Liudi vdokhnovennogo truda. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no. 20)
A talk with a group leader. IA. Lomenko. Part. zhizn' no.14:44-49 Jl '60.
Theoretical conference at the Sergo Ordzhonikidze Machinery Plant. A. Ilarenko. Vest.Mosk.un.Ser.8: Ekon.,filos. 15 no.4:71-77 Jl Ag '60.
Step boldly into the future. L. Ermolaeva. Mol. kommun. no.7:24-31 Jl '60.
When a man looks more attractive than he looked before. V. Gachin. Mol. kommun. no.7:17-23 Jl '60.
Widen the ranks of brigades and shock workers of communist labor. R. Kaupsh. Mashinostroitel' no.7:38-40 Jl '60.
Yesterday he was in the Army, today he is a worker. M. Zamskii. Belarus' 17 no.7:42 Jl '60.
You shouldn't tolerate the inefficient work of your co-workers. A. Shutko. Blok.agit. [Ukr.] no.11:27-37 Je '60.

EFREM II, Catholicos Patriarch of Georgia, 1896-
Announcement from His Holiness Efrem II, Catholicos Patriarch of All Georgia. Zhur. Mosk. Patr. no.5:10 My '60.

EGYPT—ECONOMIC CONDITIONS
Issawi, Charles Philip. [Egypt at mid-century; an economic survey. Translated from the English] Egipet v seredine XX veka; ekonomicheskii obzor. Moskva, Izd-vo inostr. lit-ry, 1960. 430 p. (Redaktsiia literatury po voprosam ekonomicheskikh nauk)
(WO)

EGYPT—FACTORIES—DESIGN AND CONSTRUCTION
Constructing buildings without skylights in the United Arab Republic. K.I. Kanun. Prom. stroi. 38 no.6:61 '60.

EGYPT—LABOR AND LABORING CLASSES
Alesin, P.M. [Formation of laboring class in Egypt and its economic condition, 1914-1952] Formirovanie rabochego klassa v Egipte i ego ekonomicheskoe polozhenie, 1914-1952 gg. [Moskva] Izd-vo Mosk. univ., 1960. 160 p.

EGYPTOLOGY
Egyptology on the eve of the congress [with English summary in insert]. M.A. Korostovtsev. Sovr. Vost. no.7:9-10 Jl '60.

EHRENBURG, IL'IA GRIGOR'EVICH, 1891-
"Refusals." Il'ia Ehrenburg. V zashch.mira no.5:36-40 My '60.

EICHMANN CASE
The case of Hitler's executioner Adolf Eichmann. Nov. vrem. 18 no.30:7-11 Jl '60.

EICOSANOIC ACID
Synthesis of the ethyl ester of 4,6,9,11,14-pentaketopentadecanoic acid and of the ethyl ester of 4,6,9,11,14,19-heptaketoeicosanoic acid. N.V. Zotchik, E.P. Evstigneeva, N.A. Preobrazhenskii. Zhur.ob.khim. 30 no.7:2252-2261 Jl '60.

EIGENFUNCTIONS
Eigenfunction expansion of a boundary problem for a delay integrodifferential equation. A.B. Nersesian. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 12 no.6:37-68 '59.
Eigenfunction expansion of self-conjugate elliptical systems [with summary in English]. IA.A. Roitberg. Dop.AN URSR no.6:731-735 '60.

EINDHOVEN, HOLLAND—UNIVERSITIES AND COLLEGES
Planning a new technical university. O.V. Dergelo. Mir nauki no.3:7-12 '59.

ELASTIC PLATES AND SHELLS
Approximate solution of the problem of action of concentrated forces on a cylindrical shell. V.A. Nikitin. Uch.zap.LGU no.280:87-98 '60.
Asymmetrical deformation of constructive orthotropic shells [with summary in English]. D.V. Vainberg, B.Z. Ferberg. Dop.AN URSR no.6:761-765 '60.
Bending of some flexible coupling elements. I.S. Bershtein. Izv.vys.ucheb.zav.; mashinostr. no.6:105-111 '60.
K.I. Chernykh, K.N. Chistiakova. Uch.zap.LGU no.280:156-165 '60.
Design of thin trapezoidal plates fixed along the perimeter. N.V. Nedumov. Rasch.na prochn. no.5:100-145 '60.
Designing freely supported orthotropic plates by the grid method. V.V. Badigadze. Soob. AN Gruz. SSR 21 no.3:265-272 My '60.
Determining temperature stresses through the thickness of a shell [with summary in English]. M.IA. Leonov, S.IA. IArema. Dop.AN URSR no.6:751-754 '60.
Elastic plastic equilibrium of a plane with a circular cut in the presence of a stationary temperature field. V.L. Fomin. Uch.zap.LGU no.280:132-135 '60.
Elastic-plastic state of an annular disk subjected to hardening characterized by power function. T.M. Makhmudov. Rasch.na prochn. no.5:212-225 '60.
Equations in the zero-torque theory of double-curvature shells. V.IA. Pavilainen. Uch.zap.LGU no.280:97-113 '60.
Equilibrium of a shallow spherical shell [with summary in English]. G.A. Van Fo Fy. Dop.AN URSR no.5:609-611 '60.
Flexure and stability of multilaminar plates. B.G. Gavrilov. Izv.Sib.otd.AN SSSR no.5:30-36 '60.
Gol'denblat, I.I., and N.A. Nikolaenko. [Creep and bearing capacity of shells] Polzuchest' i nesushchaia sposobnost' obolochek. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. mat. 1960. 67 p. (Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Nauchnoe soobshchenie, no. 13)
Investigating the phenomenon of "snapping" of thin elastic shells subjected to the action of dynamic loads. V.V. Bolotin, G.A. Boichenko. Rasch.na prochn. no.5:259-272 '60.
Mechanized production of precast reinforced concrete shells. E.P. Medvedev. Stroi.i arkhit.Len. 22 no.7:37 '60.
Mixed problem on the bending of a square plate with a square cutout. R.S. Minasian. Dokl.AN Arm.SSR 30 no.1:19-30 '60.
One case of stability of a compressed annular plate. V.M. Makushin. Rasch.na prochn. no.5:236-240 '60.
"Plates and disks" by D.V. Vainberg, E.D. Vainberg. Reviewed by N.I. Bezukhov. Stroi.mekh.i rasch.soor. 2 no.4:48-3 of cover. '60.
A problem of a plastic membrane [with summary in English]. B.P. Slieptsova. Dop.AN URSR no.6:730-734 '60.
Stability and vibrations of a shallow orthotropic cylindrical panel. S.A. Ambartsumian, A.A. Khachatrian. Dokl.AN Arm.SSR 30 no.1:39-45 '60.
Stability of a thin-walled conical shell closed at the top and subjected to the action of lateral hydrostatic pressure. I.I. Trapezin. Rasch.na prochn. no.5:249-258 '60.
Strength of a cylindrical shell under bending [with summary in English]. IU.A. Shevliakov, L.I. Manevych. Dop.AN URSR no.5:605-608 '60.
Theoretical and experimental investigation of stresses in plates subjected to live loads. L.S. Gil'man. Stroi. *mekh.i rasch.soor.* 2 no.4:15-22 '60.

ELASTIC PLATES AND SHELLS—VIBRATIONS
Derivation of differential equations for the vibrations of cylindrical shells. V.K. Kabulov. Izv.AN Uz.SSR.Ser. tekh.nauk. no.3:21-26 '60.

ELASTIC RODS AND WIRES
"Designing rods for stability by the method of equilibrium in limited states" by I.I. Tarasenko. Reviewed by V.A. Gastev. Stroi.mekh.i rasch.soor. 2 no.4:47-48 '60.
Incorporating optimal eccentric factors in designing minimum weight rods subject to tension-bending and compression bending combinations [with summary in English]. IU.M. Kuznetsov. Dop.AN URSR no.4:436-440 '60.
Problem of the flexure of a composite rod with a slightly bent axis by a pair of forces. R.S. Minasian. Dokl.AN Azerb.SSR 16 no.4:331-335 '60.
Similarity in the theories of constrained torsion of thin-walled rods. O.V. Luzhin. Stroi.mekh.i rasch.soor. 2 no.4:13-14 '60.
Solving the problem of the torsion of a rod for one particular case of anisotropy. A.R. IAnpol'skii. Rasch.na prochn. no.5:191-211 '60.
Stressed state of a circular coil having a round cross section and loaded with an arbitrary system of forces. M.E. Berman. Rasch.na prochn. no.5:155-170 '60.
Torsion of a hollow rectangular bar with a thin reinforcing coating. K.S. Chobanian, P.O. Galfaian. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 12 no.6:133-146 '59.
Torsion of conical rods and cylindrical rods with a conical segment. D.L. Abramian. Dokl.AN Arm.SSR 30 no.1:31-38 '60.
Torsion of prismatic rods with a cross section in the form of an annular sector with teeth. B.L. Abramian, V.S. Tonoian. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 12 no.6:69-86 '59.
Transformation of problems on straight rods subjected to longitudinal and longitudinal-transverse bending. E.P. Kriukov. Stroi.mekh.i rasch.soor. 2 no.4:8-12 '60.
Analyzing free vibrations in thin elastic rods [with summary in English, p.74]. F.A. Mar'iamova. Visnyk AB1A URSR no.2:36-43 '60.
Free vibrations and stability of compressed rods with elastically fixed edges. A.D. Lizarev. Stroi.mekh.i rasch.soor. 2 no.4:27-30 '60.

ELASTICITY
Apparatus for determining Young's modulus at high temperatures. P.I. Mel'nichuk, A.B. Liashchenko. Zav.lab. 26 no.5:619-620 '60.
Calculating the distribution functions of relaxation constants for visco-elastic bodies. T.D. Shermergor. Izv.vys.ucheb.zav.,fiz. no.3:185-194 '60.
Calculating the interaction between wheels and peat deposits. M.M. Tsuklovskii. Izv.vys.ucheb.zav., gor. zhur. no.7:82-86 '60.
Contact problem for an elastic layer during the action of a vertical excentral force on a round, rigid die. K.E. Egorov. Dokl.AN SSSR 133 no.4:781-784 Ag '60.
Cutting process as a problem in elasticity [with summary in English]. V.V. Kalliopin. Inzh.-fiz.zhur. no.6:29-34 Je '60.
Determining the elasticity modulus of chromium carbide-nickel alloys. P.I. Mel'nichuk, V.N. Klimenko, A.B. Liashchenko. Fiz.met.i metalloved. 9 no.6:918-921 Je '60.
Elastic deformations of convex shells in the transcritical region. A.V. Pogorelov. Dokl.AN SSSR 133 no.4:785-787 Ag '60.
Initial function method in a plane problem on the theory of elasticity [with summary in English]. IE.S. Umans'kyi, V.A. Ahar'ov. Dop.AN URSR no.6:756-760 '60.
New methods of determining the elastic limit on thin flat specimens. A.G. Rakhshtadt, M.A. Shtremel'. Zav.lab. 26 no.6:744-749 '60.
Solution of plane problems of the elasticity theory in case of the presence of voluminous forces. K.I. Dziuba. Trudy Gidroproekta 2:132-136 '59.
Using plane harmonic functions in solutions of three-dimensional static problems in the theory of elasticity of an isotopic body. V.I. Blokh. Izv.vys.ucheb.zav.; mat. no.2:19-29 '60.

ELASTOMERS
Polyurethane as construction materials. Di Pinto, McCready. Kauch.i rez. 19 no.5:56-63 My '60.
Radiation vulcanization of elastomers (from "Rubber Age," no.2, 1959). Kauch.i rez. 19 no.5:63 My '60.

ELECTIONS see subdivision under Algeria; Ceylon; Great Britain; Lebanon

ELECTRIC APPARATUS AND APPLIANCES
Clamp for suspension of a high-frequency choke. M.S. Sherman. Energetik 8 no.6:18-19 Je '60.
Course of investigation and approval of explosion-proof electric equipment. V.A. Khorunzhii, IU.M. Ribas. Prom.energ. 15 no.6:50-51 Je '60.
Discussion of V.A. Khorunzhii and IU.M. Ribas' article "Proposed regulations for the manufacturing of explosion-proof electric equipment." A.G. Ikhno, IU.P. Antonov. Prom.energ. 15 no.5:41-45 My '60.
Low voltage apparatus. Vest.elektroprom. 31 no.6:70-73 Je '60.
Regulator of rotation speed "Elkotron." D.S. Krivozub. Prom.energ. 15 no.5:60 My '60.

ELECTRIC APPARATUS AND APPLIANCES—EXHIBITIONS
Low voltage apparatus and electric machines at the Exhibition of Achievements of the National Economy of the U.S.S.R. during 1959. Prom.energ. 15 no.5:61 My '60.

ELECTRIC ARC
Relationship between the effect of burning, the polarity of the electrodes, and the parameters of an arc discharge [with summary in English]. V.P. Borzov. Inzh.-fiz.zhur. no.6:101-103 Je '60.
Some results of probe studies of an a.c. arc. M.N. Turko, I.I. Korshakevich. Izv.Sib.otd.AN SSSR no.5:37-42 '60.

ELECTRIC CABLES (Continued)

Locating damage in signal cables. P.A.Uglov. Avtom., telem. i sviaz' 4 no.6:33 Je '60.

Locating the place of damage in coil-loaded cables. I.P. Istomin. Avtom., telem. i sviaz' 4 no.7:31-33 Jl '60.

Method of [illegible] the use of [illegible] for locating damage in cable [illegible]. [illegible] Avtom., telem. i sviaz' 4 no.6:14-15 Je '60.

[illegible] for locating strands in electric cables. V.P.[illegible] Avtom., telem. i sviaz' 4 no.8:20 Ag '60.

ELECTRIC CABLES - MAINTENANCE AND REPAIR

Possibility of using antibiotics to protect the outer [illegible] of underground power cables from destruction by microorganisms [with summary in English]. N.A.Krasil'nikov, R.A.Zhukova, V.B.[illegible] Mikrobiologiia 29 no.1:146-150 My-Je '60

ELECTRIC CABLES - TESTING

Portable apparatus for testing cables. K.I.Nikolaev, L.IA.[illegible] Prom.energ. 15 no.5:45-46 My '60

ELECTRIC CAPACITORS

Compensation of the reactive power of contact machines by [illegible] condensers. V.V.Zorin. Avtom.svar. 13 no.6:[illegible] Je '60.

Effect of pressing on the electric characteristics of a paper and oil capacitor. N.I.Nazarov, I.P.[illegible] Vest.elektroprom. 31 no.6:59-60 Je '60

Effect of raising the power factor of a load on its stability. V.A.Venikov. Elektrichestvo no.6:8-10 Je '60.

Reliability characteristics of resistors and capacitors [with summary in English]. B.B.[illegible], B.E.[illegible]. Avtom.i telem. 21 no.5:[illegible] My '60.

Simplified method for calculating the load stability criteria. G.A.[illegible] Elektrichestvo no.6:10-11 Je '60.

[illegible] machine for spot welding of small thickness metals. V.I.[illegible] Avtom.svar. 13 no.6:[illegible] Je '60

ELECTRIC CHARGE AND DISTRIBUTION

[illegible] of the attachment of mineral particles to air bubbles in flotation [illegible] electrical double layer on the [illegible] surface of a bubble [with summary in English]. [illegible] Zhur.fiz.khim. 34 no.5:[illegible] My '60.

ELECTRIC CIRCUIT BREAKERS

Cutting-off ability of [illegible] circuit breakers and of [illegible] type separators for 110 and 35 kilovolts. I.B.[illegible], V.P.Kutolkova. Elek.sta. 31 no.4:[illegible] Ap '60

Germanovich, [illegible] [High voltage a.c. circuit breakers. Translated from the English. Preface by G.V.[illegible] and A.M.[illegible]] Vysokovol'tnye [illegible] Moskva, Gos.energ.izd-vo, 1958. [illegible] p.

Improvement of [illegible] circuit breakers. P.V.[illegible] Energetik 8 no.6:15-16 Je '60

Indirect method for checking the installation of high-voltage [illegible] circuits. G.L.[illegible], A.N.[illegible] Prom.energ. 15 no.6:[illegible] Je '60.

Testing of three-pole circuit breakers. P.A.[illegible] Avtom.,telem.i sviaz' 4 no.[illegible] Jl '60.

ELECTRIC CIRCUIT BREAKERS - MODELS

[illegible]

ELECTRIC CIRCUITS

Analytic investigation of a.c. circuits with [illegible] taking hysteresis and eddy current losses into account. A.I.Nemnov. Izv.vys.ucheb.zav.; elektromekh. 3 no.2:45 [illegible] '60

Calculation of current distribution in a complex a.c. network by [illegible] model. [illegible] Elek.sta. 31 no.4:[illegible] Ap '60.

Circuits of binary [illegible] correctors [with summary in English]. V.M.[illegible] Avtom.i telem. 21 no.5 [illegible] My '60.

Conditions for convergence in the process of balancing an electric circuit [illegible] G.F.[illegible] Izv.vys.ucheb.zav.; elektromekh. 3 no.2:[illegible] '60.

[illegible]

Generalized method for calculating [illegible] circuits without [illegible]. V.G.[illegible] Izv.vys.ucheb.zav.; elektromekh. 3 no.[illegible] '60.

Measuring of the capacitive [illegible] circuit to [illegible] current component in a network [illegible] insulated neutral line. M.I.[illegible] Elek.sta. 31 no.4:[illegible] Ap '60.

[illegible]

[illegible]

ELECTRIC COILS

Power used by [illegible] relays and current [illegible] coils. [illegible] Akimov. Energetik 8 no.6:25-27 Je '60

ELECTRIC CONDUCTIVITY

Electrical conductivity of triglycine sulfate single crystals. V.N.[illegible], L.S.Zheludev, L.S.[illegible] Kristallografiia 5 no.1:[illegible] Ja-F '60.

ELECTRIC CONTACTORS

New series of [illegible] contactors for metallurgical drives. M.G.[illegible] Vest.elektroprom. 31 no.6:[illegible] Je '60

ELECTRIC CONTROLLERS

The ATB - Equipment for automatic control of conveyers. V.G.[illegible] Biul.tekh.-ekon.inform. no.7:[illegible] '60

Automation of the control of continuous conveyer systems. M.M.Frenkel'. Mekh.i avtom.proizv. 14 no.6:12-14 Je '60.

Fedoseev, P.G. [Rectifiers and [illegible]] Vypriamitel'nye ustanovki. Moskva, Gos.izd-vo "[illegible]," 1960. 517 p.

Selection of instrument circuits for [illegible] electronic regulators. [illegible] Elek.sta. 31 no.6: [illegible] Je '60.

ELECTRIC CONTROLLERS - WINDINGS

Maximum temperature [illegible] elements. [illegible]

ELECTRIC CRANES

Contact rail device for cranes operating in the open air. N.V.[illegible] Prom.energ. 15 no.6:[illegible] Je '60

Ivanov, V.M., and V.G.[illegible] [Direct current motors for crane hoists; regulations on the [illegible] maintenance, and repair] [illegible] Moskva, Gos.energ.izd-vo, 1960. [illegible] p. ([illegible] no.4)

ELECTRIC CURRENT CONVERTERS

"Mikron" motor operating on a current converter. A.Markelov. Radio no.5:[illegible] My '60

Stabilized transistor voltage converter. [illegible], V.Voronov, [illegible] Radio no.7:23-24 Jl '60.

ELECTRIC CURRENT RECTIFIERS

Automatic device for [illegible] of galvanizing baths. V.N.[illegible] no.7:[illegible] Jl '60.

[illegible] for selenium rectifiers. V.A.[illegible] Je '60

Effective means for preventing [illegible] filters. V.K.Akimov. Elek.[illegible] no.7:23-24 Jl '60.

Fedoseev, P.G. [Rectifiers and [illegible]] Vypriamitel'nye ustanovki. [illegible] 1960. 517 p.

[illegible]

[illegible]

The operation of [illegible] rectifiers [illegible] V.A.[illegible]

[illegible]

[illegible]

[illegible]

Transient processes in [illegible] V.A.[illegible] no.5:[illegible] '60.

ELECTRIC CURRENT RECTIFIERS - [illegible]

[illegible]

ELECTRIC CURRENT RECTIFIERS - [illegible]

[illegible]

ELECTRIC CURRENT RECTIFIERS - [illegible]

[illegible]

ELECTRIC CURRENTS

[illegible]

ELECTRIC CURRENTS, [illegible]

Theory and practice of [illegible] the manufacture of [illegible] currents. [illegible] Izv.vys.ucheb.zav.; elektromekh. 3 no.5:40-51 '60.

ELECTRIC CUTTING MACHINERY

[illegible]

ELECTRIC DISCHARGE [illegible]

[illegible]

ELECTRIC DISCHARGES

[illegible] electrical pulse [illegible] no.7:[illegible]

[illegible] discharges [illegible]

ELECTRIC DISCHARGES [illegible]

[illegible]

ELECTRIC DISCHARGES [illegible]

[illegible] discharge [illegible] M.D. [illegible]

ELECTRIC DRIVING

[illegible]

ELECTRIC ENGINEERING (Continued)

Important means for propaganda concerning and introduction of advanced experience. R. P. Vcherashnii. Prom. energ. 15 no 5.1-10 My '60

Methods for determining the optimum power coefficient in electrical installations of industrial enterprises. L. M. Zel'tsburg. Prom. energ. 15 no. 6:34-36 Je '60.

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.

Krylov, M. K. [Handbook for laboratory work in electric and radio engineering] Rukovodstvo pri laboratornykh rabot po elektrotekhnike i radiotekhnike. [Moskva] Izd-vo Mosk. univ., 1959. [142 p.]. (CU-S)

Vrublevskii, A. V., and others. [Electrical engineering; textbook for enlisted men] Elektrotekhnika; uchebnik dlia soldat i serzhantov. Izd. 3., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSR, 1960. 359 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Some ways of improving electric engineering training in schools. N. S. Torkin. Shkola i proizv. 4 no. 6:63-66 Je '60.

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Effect of volume charge of the electrostatic emission of electrons from a metal. A. S. Kompaneets. Trudy SAGU no. 140,117-125 '59.

Theory of modeling electrical fields in electrolytes [with summary in English]. N. P. Gnusin. Zhur. fiz. khim. 34 no. 7:1563-1570 Jl '60.

Why the charge of partial capacitances does not correspond to the resultant field flux. L. R. Neiman, K. S. Demirchian. Elektrichestvo no. 6:1-6 Je '60.

ELECTRIC FILTERS

Answer to V. Chizhek and M. Novak. Elektrosviaz' 14 no. 6:73 Je '60.

Attenuation and phase coefficient of electric filters and Chebyshev polynomials in a complex domain. K. A. Melik-Vartanian. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no. 1:45-55 '60.

Design of an envelope of a family of resonance curves for a chain filter. A. B. Gur-Mil'ner. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:299-310 '60.

Establishment of frequency at the output of an ideal narrow-band filter with phase-frequency modulation. L. I. IAroslavskii, B. I. IAkhinson. Radiotekhnika 15 Jl '60.

Filter for the production of a good tone. M. Volosian. Radio no. 6 26 Je '60

In reference to V. I. Ponomarev's article "Damping by an electric filter in the pass band." V. Chizhek, M. Novak. Elektrosviaz' 11 no. 6:72-73 Je '60.

Possibility for using a pulse filter for generating electric signals of a given shape. A. K. Romanov. Izv. Sib. otd. AN SSSR no. 5:105-107 '60.

Use of synchronous filters in radiotelegraphy. K. B. Krukovskii-Sinevich. Trudy Ural. politekh. inst. no 70 184-191 '59

LECTRIC FURNACES

Drying and calcinating furnace for electrodes. I. D. Dimov and others. Prom. energ. 15 no. 5:19-21 My '60.

Induction heating furnaces of industrial frequency for heating of aluminum. M. IA. Korotkov Vest elektroprom 31 no 6 21-24 Je '60

Lining of electric furnace walls with plastic refractories. S. IA. Berlin. Metallurg 5 no. 8:15 Ag '60.

Methods of investigating heats of charge-resistance batch furnaces. S. I. Khitrik. Trudy NTO chern. met. 16: 3-10 '59.

Sixth International Congress on Electrothermics. A. P. Al'tgauzen. Vest. elektroprom. 31 no 6 74-79 Je '60

Ways for saving electric power in steel-melting arc furnaces. L. I. Aronov. Prom. energ. 15 no. 6:10-14 Je '60.

LECTRIC GENERATORS

Automatic maintenance of a d. c. generator voltage by means of a saturation choke. K. I. Krainii, V. T. Poliakov, B. V. Trubachev. Prom. energ. 15 no. 5:23-25 My '60.

Designing a traction generator A. IA. Lemberg Vest elektroprom. 31 no 6 66-68 Je '60

Electromotive force and current of a nonpolar commutator-type pulse generator. I. S. Rogachev, L. D. Perchik. Izv. vys. ucheb. zav.; elektromekh. 3 no. 2:88-105 '60.

Investigation of asynchronous operating conditions and of resynchronization of a generator after loss of dynamic stability. M. P. Chesnov. Elektrichestvo no. 6:21-25 Je '60.

A method for making an oscillographic record of the frequency of a generator with electronic regulation. IU. V. Troitskii. Izv. Sib. otd. AN SSSR no. 5:107-108 '60.

Modernization of the main generator of the TE3 diesel locomotive. P. F. Bashev. Elek. i tepl. tiaga 4 no. 5: 18-20 My '60.

Nonsymmetric steady conditions in three-phase synchronous generators. G. B. Merkin. Izv. vys. ucheb. zav.; elektromekh. 3 no. 2:80-87 '60.

Review of A. I. Bertinov's book "Electric generators for aviation." A. V. Koritskii, N. IA. IAvlinskii. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5.134-135 '60.

Upper harmonics and combinations composing the voltage of power generators. B. V. Smirnov, V. V. Sarapkin. Elek. sta 31 no. 6 68-72 Je '60.

Use of the Gall chain in wind-driven generators. S. Lopyrev. Radio no. 7-28 Jl '60.

ELECTRIC HEATING

Contact preheating of materials intended to be pressed. V. A. Veselov, IU. N. Mel'nikov. Prom. energ. 15 no. 6 15 Je '60.

Electric heating in the woodpulp and paper industry V P Myl'nikov Bum prom 35 no 5 21-22 My '60

Sixth International Congress on Electrothermics A. P Al'tgauzen Vest elektroprom 31 no 6 74-79 Je '60

Tensile strength and compression of heat resistant reinforced concrete construction elements subjected to nonuniform heating A. F. Milovanov, V. S. Zyrianov. Bet i zhel.-bet. no 7:310-316 Jl '60.

ELECTRIC INDUSTRIES see subdivision under Armenia; Baranchinskiy; Moscow

ELECTRIC INDUSTRY WORKERS

Glory to heroes of labor. Vest elektroprom 31 no 6 25 Je '60

ELECTRIC INSTRUMENTS

Effect of inertia load, nonlubricated friction, and backlash on the operation of bridge-type computing and measuring devices. V. I. Sergeev. Trudy Inst. mash. Sem. po toch. v mash. i prib. no. 14-20-34 '60.

New electric measuring instruments. N. N. Skvortsov. Izm. tekh. no. 7:60 Jl '60

Standardization of input and output parameters of measuring systems with a current outlet. M. Kh. Lantsman, I. S. Liderman. Standartizatsiia 24 no. 6:11-12 Je '60.

ELECTRIC INSULATORS AND INSULATION

Discharge along the layers of paper and oil insulation at constant voltage. G S. Kuchinskii, D A Kaplan Vest elektroprom 31 no 6 50-52 Je '60

Effect of gamma radiation on the dielectric properties of some electric insulation materials. Part 2. Phenol formaldehyde plastics. K. A. Vodop'ianov, B. I. Borozhtsov, G. I. Potakhova. Izv. vys. ucheb. zav., fiz. no. 3, 133-137 '60.

High-voltage cable paper. Bum. prom. 35 no. 6:15 Je '60.

Improving the characteristics of insulation ceramics by decreasing their inhomogeneity. M. M. Nekrasov. Izv. vys. ucheb. zav., fiz. no. 3:146-153 '60.

Infrared drying of high-voltage insulators [with summary in English]. R. T. Lovshunov. Inzh.-fiz. zhur. no. 7: 98-101 Jl '60.

Using glass-"eskapon" lacquer fiber for grooving insulation of electric machines. L. K. Galstian, M. A. Matevosian Vest elektroprom 31 no 6 38-40 Je '60

ELECTRIC LAMPS see subdivision under France; Riga

ELECTRIC LAMPS, ARC

Frequency characteristics of DATs-50 point-type arc lamps. V. A. Parshinskii. Svetotekhnika 6 no. 7:11-13 Jl '60.

ELECTRIC LIGHT FIXTURES

Light-diffusing materials Plast massy no 5 74 '60

Use of technical organic glass for lighting and other materials in the manufacture of light fixtures. V. S. Ezhkova, E. A. Militskova, A. D. Sokolov. Plast. massy no. 4:42-45 '60.

ELECTRIC LIGHTING

Automatic control systems using photoelectric elements for control of lighting M. S. Dadiomov Svetotekhnika 6 no. 6 7-12 Je '60

Electric lighting of premises having no nautral light. S. A. Kliuev. Svetotekhnika 6 no. 7:22-28 Jl '60.

Lighting engineering as presented in physics courses. V. M. Orlov Svetotekhnika 6 no. 7:30-31 Jl '60.

Plenum of the Lighting Engineering Section of the Central Administration of the Scientific and Technical Society of the Power Industry A. A. Butylev. Svetotekhnika 6 no. 6 23 Je '60

Principal works of professor S. O. Maizel' in the field of lighting engineering. N. V. Gorbachev and others. Svetotekhnika 6 no. 7 1-9 Jl '60.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms (SN 8-60) for the electric lighting of construction and assembling operations] Normy elektricheskogo osveshcheniia stroitel'nykh i montazhnykh rabot SN 81-60. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 18 p.

Through the pages of foreign magazines. Svetotekhnika 6 no. 7-29 Jl '60.

ELECTRIC LIGHTING—BIBLIOGRAPHY see Bibliography—Electric lighting

ELECTRIC LIGHTING—CONGRESSES

Recommendations of the 16th session of the International Commission on Illumination Svetotekhnika 6 no 6 29-31 Je '60

Results of the 16th session of the International Commission on Illumination N M Gusev, M. V Sokolov Svetotekhnika 6 no 6 24-29 Je '60

ELECTRIC LIGHTING—TABLES, ETC

Universal tables for calculating the coefficient of utilization of an illuminating system M. M. Epaneshnikov. Svetotekhnika 6 no 7 16-21 Jl '60.

ELECTRIC LIGHTING, MERCURY VAPOR

Stabilization of the luminous flux of SVDSh-250 mercury lamps. L. A. Rusinov, A. K. Beliavskii. Trudy LTI no. 58:23-28 '59.

ELECTRIC LINES

Courses of development of protection from excess voltage in electrical installations in the 1930's and 1940's. Vop. ist. est. i tekh. no 9 149-154 '60.

Effect of electrified d. c. railroads on long-distance power supply networks for apparatus of symmetric principal cable lines. V. M. Bushuev. Elektrosviaz' 14 no. 6 58-65 Je '60.

Leading brigades of communication-line installers. V. M. Pustovoit. Transp. stroi. 10 no. 6:4-5 Je '60.

Planned electric measurements in long-distance communication cables. T. M. Sakharova, A. E. Shevchenko. Vest. sviazi 20 no. 1:28-29 Ap '60.

Protective shielding of lines carrying weak currents from dangerous effects of 110 kilovolt lines. V. B. Sokolov, V. I. Ivanov, V. V. Kulikov. Elek. sta. 31 no. 4:92-93 Ap '60.

ELECTRIC LINES—OVERHEAD

(see also subdivision under Canada, Sheksna River)

Clamp for suspension of a high-frequency choke. M. S. Sherman Energetik 8 no 6:18-19 Je '60.

Designing of efficient power lines with 6 to 10 kilovolt rating for the electrification of villages. A. P. Korshunov, V. M. Solntsev. Elek. sta. 31 no. 4-71-76 Ap '60.

Determination of the length of a spliced-in or cut-out wire section in a span for controlling sag. E. A. Khvoles. Elek. sta. 31 no. 4:69-71 Ap '60.

Formation and nature of interference in 0.4 to 35 kv power lines. B. V. Smirnov, V. V. Sarapkin. Elektrosviaz' 14 no. 7-66-74 Jl '60

Installing connectors at crossings at crossings of 220, 330, 500, and 110 kv power lines and overhead communication lines. Elek. sta. 31 no. 6:89-90 Je '60.

Kaetanovich, M. M. [Erection of overhead electric power lines with a rating up to 35 kv.] Montazh vozdushnykh linii elektroperedachi do 35 kv. Izd. 2., perer. Moskva, Gos. energ. izd-vo, 1960. 222 p. (Spravochnik elektromontera, no. 7)

Mechanism for use in the repair of overhead communication lines. S. N. Filipenko. Avtom., telem. i sviaz' 4 no. 7-27-29 Jl '60.

"Overhead electric transmission lines," Pt. 3 of the chapter "Electric wiring operations" of "Technical specifications for conducting and inspecting building and assembling operations." Biul. stroi. tekh. 17 no. 7:19-20 Jl '60.

Parameters of a high-frequency overhead communication line. V. V. Roditi. Elektrosviaz' 11 no. 6.54-57 Je '60.

Use of old tables for mounting specifications of steel-aluminum electric lines of new types. Elek sta. 31 no. 6:90 Je '60.

ELECTRIC LINES—POLES

(see also subdivision under Ukraine)

Depth of the sinking of supports for rural electric power lines. A. S. Kananian. Osn., fund. i mekh. grun. 2 no. 4:26-30 '60.

Driving piles during the electrification of swampy railroad sections. S. L. Kaikov. Transp. stroi. 10 no. 5:51 My '60

Increase the control of the quality of production of concrete reinforced supports and struts. E. L. Poverennyi. Vest. sviazi 20 no. 6 23-25 Je '60.

Lightweight tubular supports. V. M. Orlov. M rab. v. stroi. 22 no. 7-29-31 Jl '60.

Machine for digging foundation holes mounted form car V. G Malyshev Mekh stroi 17 My '60

Posthole digger designed by Inshakov. I. P. Talasl Avtom., telem. i sviaz' 4 no. 6:36 Je '60.

Test results and utilization of pile foundations of network poles. M. L. Ryss. Transp. stroi. 10 35-37 Je '60.

Tractor-mounted machine for excavating holes of network poles. M. B. Bel'kind. Transp. stroi. no. 7:27-29 Jl '60.

Using concreting combines in making supports. Rodov, V. A. Semenov. Bet. i zhel.-bet. no. 6 2 Je '60.

The washing of sand for making contact-network p N. E. Vashchenko. Transp. stroi. 10 no. 6-55 J

ELECTRIC LINES—UNDERGROUND

Protection of communication cables from corrosi points where they are crossed by electrified d. c roads. V. N. Akulenok. Vest. sviazi 20 no. 6:10 '60.

ELECTRIC LOCOMOTIVES

(see also subdivision under France, Great Britain, Siberia)

Calculating transient processes of electric locomotive circuits on digital computers. A. L. Kurochka, M. I. Lurie. Izv. vys. ucheb. zav., elektromekh. 3 no. 2: 38-51 '60.

Improvement and simplification of electric circuits for d.c. locomotives. B. A. Tushkanov. Vest. TSNII MPS 19 no. 4:18-21 '60.

Making better use of electric and diesel locomotives for passenger traffic. N. A. Drozdov, V. N. Chebykin. Vest. TSNII MPS 19 no. 4:10-15 '60.

Mine haulage by means of high-frequency electric locomotives. F. I. Bakhmutskii and others. Ugol' 35 no. 6:29-31 Je '60.

New four-axle EL2 electric locomotive for industrial transportation. A. A. Terekhov. Vest. TSNII MPS 19 no. 4:21-25 '60.

Petrov, M. P., and others. [Locating and eliminating faults in the N8 electric locomotive] Obnaruzhenie i ustranenie neispravnostei na elektrovoze N8. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 170 p.

Prospective a.c. locomotive. A. L. Kurochka, N. Kh. Bitnik, A. A. Poskrebko. Zhel. dor. transp. 42 no. 7: 13-20 Jl '60.

Protection of traction motors of electric locomotives during regenerative braking. E. G. Rove. Elek. i tepl. tiaga 4 no. 3:10-14 Mr '60.

Rectifier-type electric locomotive for sections operating on a.c. and d.c. current. A. A. Poskrebko. Zhel. dor. transp. 42 no. 6:40-50 Je '60.

Regeneration of energy by the N8 electric locomotive. I. A. IAnin. Elek. i tepl. tiaga 4 no. 3:7-9 Mr '60.

Regeneration serves to economize electric power. B. P. Kulikov. Elek. i tepl. tiaga 4 no. 5:26-27 My '60.

Servicing electric passenger locomotives by shift brigades. G. P. Savel'ev, A. P. Amel'chenko. Elek. i tepl. tiaga 4 no. 3:15-16 Mr '60.

ELECTRIC LOCOMOTIVES—EQUIPMENT AND SUPPLIES

Antifriction plastic disks. A. S. Oganesov. Elek. i tepl. tiaga 4 no. 5:10-11 My '60.

Brake equipment of series F a.c. electric locomotives. V. G. Inozemtsev. Elek. i tepl. tiaga 4 no. 3:41-43 Mr '60.

Replacing sliding axle bearings by roller bearings. N. P. Medvedev, V. I. Safronov. Elek. i tepl. tiaga 4 no. 3:34 Mr '60.

Use of graphitized steel in place of copper contact plates in a pantograph. IU. A. Rozhnovskaia. Elek. i tepl. tiaga 4 no. 5:8-10 My '60.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Advice pertaining to the maintenance of an a.c. locomotive. F. F. Kurenkov. Elek. i tepl. tiaga 4 no. 3:37-38 Mr '60.

Excerpts from our pamphlet for the VL23 locomotive engineer. Elek. i tepl. tiaga 4 no. 3:39-40 Mr '60.

ELECTRIC MACHINERY

Electromechanical systems with variable inductance. M. Marinescu. Elektrichestvo no. 6:36-39 Je '60.

Measuring the temperature of rotating parts of large electric machines. A. R. Kolomiets, N. M. Rubzyi. Vest. elektroprom. 31 no. 6:64-65 Je '60.

Operation of electric machines at high altitudes. G. P. Gerasimenko. Prom. energ. 15 no. 6:17-19 Je '60.

Relative characteristics of asynchronous machines. V. M. Kutsevalov. Elektrichestvo no. 6:47-50 Je '60.

Ways of saving electric power in producing precast reinforced concrete. T. Kuzimtsov, S. Konolapov, M. Leshchinskii. Strot. i arkhit. 8 no. 7:23-24 Jl '60.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Experimental study of new methods for determining the parameters of a.c. machines. M. P. Kostenko, E. IA. Kazovskii, IA. B. Danilevich. Elektrichestvo no. 6:14-16 Je '60.

ELECTRIC MACHINERY—COOLING

Some problems in air-cooling of electric machinery and ventilation of electric machinery rooms in metallurgical plants. B. S. Simonovich. Vod. i san. tekh. no. 8:35-37 Ag '60.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Using electric power efficiently. A. Shmelev. Tekst. prom. 20 no. 7:52-54 Jl '60.

ELECTRIC MACHINERY, SYNCHRONOUS

Consideration of magnetic saturation in the analysis of transient electromechanical processes and dynamic stability of synchronous machines. A. A. IAnko-Triniitskii. Trudy Ural politekh inst no. 79 74-82 '59

Talaat, M. E. [New approach to the calculation of synchronous machine. Translated from the English. Preface by L. I. Talalov] Novyi podkhod k opredeleniiu induktivnykh soprotivlenii sinkhronnoi mashiny. Moskva, Gos. energ. izd-vo, 1959. 95 p. (Energetika za rubezhom)

Use of Hall elements in the analysis of the field harmonics of a synchronous machine. L. Csunak. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5:10-15 '60.

ELECTRIC MACHINERY, SYNCHRONOUS—WINDINGS

Methods of detecting turn-to-turn faults in the excitation windings of synchronous machines. G. S. Depil'. Elek. sta. 31 no. 6:60-61 Je '60

ELECTRIC MACHINERY INDUSTRY

(see also subdivision under Kharkov, Simferopol)

New rules for manufacturing explosion-proof electric equipment (PIVE). I. I. Rakovich. Prom. energ. 15 no. 6:51-52 Je '60.

ELECTRIC MEASUREMENTS

Calculating electric power in a three phase net by means of single phase meters. G. P. Minin. Energetik 8 no. 6:16 Je '60

Chistiakov, S. F. [Concise handbook on heat engineering instruments and controllers] Kratkii spravochnik po teplotekhnicheskim priboram i regulatoram. Moskva, Gos. energ. izd-vo, 1960. 111 p.

Electronics discloses the secrets of the ocean. M. Bogorodskii. Radio no. 7:7-9 Jl '60.

Hall effect and its application in measuring technology. A. M. Iliukovich. Izm. tekh. no. 7:52-55 Jl '60

Measuring of the capacitative short circuit to ground current component in a network containing an insulated neutral line. M. L. Golodarzh. Elek. sta. 31 no. 4:89-90 Ap '60.

Planned electric measurements in long-distance communication cables. T. M. Sakharova, A. I. Shevchenko. Vest. sviazi 20 no. 4:28-30 Ap '60

Through the pages of foreign magazines. Radio no. 6: 60-61 Je '60.

Unit for low temperature electric measurements at pressures up to 10,000 kg/cm². A. I. Likhter. Prib. i tekh. eksp. no. 2:137-138 Mr-Ap '60

Universal measuring device based on the TT-1 apparatus. M. Nafikov. Radio no. 7:52-54 Jl '60.

Using the Hall effect in measuring direct and alternating currents. M. E. Mazurov, I. R. Prokofiev. Izm. tekh. no. 7:45-46 Jl '60.

ELECTRIC METAL CUTTING

Certain properties of the penetrating cutting arc. E. V. Vasil'ev. Trudy VNIIAvtogen no. 7:87-97 '60

Description and characteristics of air arc cutting. E. V. Vasil'ev, L. S. Shapiro. Svar. proizv. no. 8:4 Ag '60.

Electrochemical method of processing metals (from "Mechanical Engineering", no. 10, 1959). IA. I. Vol'fkovich. Prom. energ. 15 no. 5:58 My '60.

Miraculous spark. B. Zubkov. Izobr. i rats. no. 8:6-11 Ag '60.

Shapiro, L. S. [Air arc cutting of metals] Vozdushno dugovaia rezka metallov. Pod red. A. N. Shashkova. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 42 p. (Biblioteka avtogenshchika, no. 3)

[MICROFILM]

ELECTRIC METERS

Avometer and universal voltmeter for radio amateurs. A. Grobstein. V pom. radioliub. no. 5:31-42 '59.

D600M meter for electric rolling stock. N. I. Cholovskii. Elek. i tepl. tiaga 4 no. 5:17-19 My '60

Mil'shtein, V. N. [Power relationships in electric measuring devices] Energeticheskie sootnosheniia v elektroizmeritel'nykh priborakh. Moskva, Gos. energ. izd-vo, 1960. 311 p.

Portable meter board. F. A. Vol'per. Transp. stroi. 10 no. 6:54-55 Je '60.

Switchboard electric meters. S. M. Sokolovskii. Biul. tekh.-ekon. inform. no. 7:14-15 '60.

ELECTRIC METERS, RECORDING

Portable recording electric meter. V. B. Kechisov, [illegible] Tarkinian. Put' i put. khoz. 4 no. 4:11-14 Ap '60

Using integrating measuring devices in the investigation of of electric loads. I. V. Brusentsov. Izv. vys. ucheb. zav., elektromekh. 3 no. 3:110-126 '60.

ELECTRIC MOMENTS

Kosik, B. Kh. [Investigating reactive moments in a few types of micromachines] Issledovanie reaktivnykh momentov v nekotorykh tipakh mikromashin. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1959. 100 p. (Nauchno-proizvodstvennyi opyt)

ELECTRIC MOTORS

Contact resistance between the rods of the short-circuit cage and the steel of the rotor package. [illegible] Vest. elektroprom. 31 no. 6:40-44 Je '60

Electric servomotors with printed winding on the rotor (from "Electrical Design News", no. 4, 1959). [illegible] Kalvozub. Prom. energ. 15 no. 5:50-51 My '60.

Electronic circuit for temperature and current protection of electric motors. G. A. Sapun. Vest. elektroprom. 31 no. 6:47-49 Je '60

Nature of additional losses in a motor with an open-circuited stator. M. G. Braun. Trudy Ural politekh inst no. 79:113-117 '59

New materials for rotors in hysteresis motors. M. N. Raevskaia. Sbor. trud. TSNIICHM no. 23:269-283 '60.

Our procedures in the repair of transmitters. V. E. Egorov. Avtom., telem. i sviaz' 4 no. 6:14 Je '60.

Pulse regulation in [illegible] and in the armature of motors fed from controlled mercury rectifiers. [illegible] Vest. elektroprom. [illegible]

Relationship between [illegible] phase [illegible]

[illegible]

ELECTRIC MOTORS—DESIGN AND CONSTRUCTION

[illegible] for three-phase motors. M. V. [illegible] Prom. energ. [illegible]

ELECTRIC MOTORS, DIRECT CURRENT

Determining the [illegible] of armature winding [illegible]

Ivano[illegible], V. M., and V. G. [illegible] [Direct current motors for [illegible] installation, maintenance, and repair] [illegible] (Biblioteka [illegible], no. 1)

Our consultation. Radio no. 7:57-58 Jl '60.

ELECTRIC MOTORS, INDUCTION

Contactless control of capacitor [illegible] motors with single phase feeding. [illegible] Prom. energ. [illegible]

Investigating [illegible] a.c. machines with [illegible]

[illegible]

Operation [illegible] single phase [illegible]

[illegible]

[illegible]

ELECTRIC MOTORS [illegible]

[illegible]

ELECTRIC MOTORS [illegible]

[illegible]

[illegible]

[illegible]

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ELECTRIC NETWORKS

(see also subdivision under M[illegible])

[illegible]

[illegible]

ELECTRIC [illegible]

ELECTRIC POWER

(see also subdivision [illegible])

At the Presidium [illegible] of the Trade Union [illegible] Workers of [illegible] Industry [illegible]

[illegible]

Decreasing the cost of [illegible] Elek. sta. [illegible]

[illegible]

[illegible]

For a saving of electric [illegible]

[illegible]

[illegible]

Review of A. IA. [illegible] thermal power [illegible] 57-58 Ap '60.

[illegible]TRIC POWER (Continued)

[illegible] meeting of the World Power Conference. Elek. [illegible] 31 no.6 93 95 Je '60.

[illegible] possibilities for economy of electric power con[illegible] [illegible] shipbuilding. I. IA. Popilov. Sudostroenie [illegible] 31-59 Jl '60.

[illegible] save electric power. K. I. Maivlets, O. D. Lopo-[illegible] Avtom., telem. i sviaz' 4 no.7 24-25 Jl '60.

[illegible] electric power efficiently. B. A. Kuzovlev. [illegible] telem. i sviaz' 4 no.6:31-[illegible] Je '60.

[illegible] electricity. T. Kuchpele. Grazhd. av. 17 no.6 [illegible]

[illegible] POWER DISTRIBUTION
([illegible] subdivision under Cherepovets; Fergana; [illegible], United States)

[illegible] operating regimes of electric power systems. [illegible] Izv. AN SSSR. Otd. tekh. nauk. [illegible] no.3:113-[illegible] My-Je '60.

[illegible] wave processes on the steady-state stability of [illegible] electric power transmission systems. R. G. [illegible] Izv. Sib. otd. AN SSSR no.1:91-97 '60.

[illegible] investigation of resynchronization of a [illegible] in an electric power system. A. I. Kurzanov [illegible] 31 no.5 19 53 Ap '60.

[illegible] questions of operational planning for electric [illegible] plants and power systems. V. G. Kuz'min. Elek. [illegible] 31 no.6 91 92 Je '60

[illegible] regulation in electric systems. V. A. Venikov [illegible] Elek. sta. 31 no.6:43-49 Je '60.

[illegible] lowering power losses in electric networks. [illegible] Energetik 8 no.6 5 7 Je '60.

[illegible], T. I., and E. O. Shteingauz. [Power engineer[illegible] electrification of the U.S.S.R. in seven-year [illegible] the materials of the 21st Congress of the [illegible]] Energetika i elektrifikatsiia SSSR v semiletke; [illegible] materialam XXI s"ezda KPSS. Moskva, Gos. energ. [illegible], 1960, 202 p.

[illegible]CTRIC POWER DISTRIBUTION—COMMUNICATION [illegible]

[illegible] communication centers with a decentralized [illegible] control, signalization and protection of sub[illegible] A. M. Berkovskii. Energokhoz za rub. no.3: [illegible] My-Je '60.

[illegible] POWER PLANTS
([illegible] subdivision under Cherepet'; Leningrad; Ulan Bator; United States)

[illegible] of outdoor thermal electric power plants. [illegible] Elek. sta. 31 no.4:91 93 Ap '60.

[illegible] operating regimes of electric power systems. [illegible] Izv. AN SSSR. Otd. tekh. nauk. [illegible] no.3:113-[illegible] My-Je '60.

[illegible] thermal treatment of EI694R austenitic steel [illegible] the long time strength. A. A. Molanov [illegible] Elek. sta. 31 no.6:34 36 Je '60.

[illegible] of equipping power systems with industrial [illegible] plants of low capacity using counterpressure [illegible] [with summary in English, p.2]. G. I. [illegible] and others. Teploenergetika 7 no.7:64-[illegible] Jl '60.

[illegible] power supply, electrical equipment, and auto[illegible] [illegible] IU. M. Galonen. Mekh. stroi. 17 no.6 [illegible]

[illegible] power station drinks water. R. Balandin. Znan. [illegible] 7:19 20 Jl '60.

[illegible] questions of operational planning for electric power plants and power systems. V. G. Kuz'min. Elek. sta. 31 no.6:91 92 Je '60.

[illegible] electrification of the U.S.S.R. in 1960, the first year of the seven year plan. N. M. Karavai, A. M. Nekrasov. Elek. sta. 31 no.4:5-9 Ap '60.

[illegible], I. V. [Electric power plants for motion-picture [illegible]] Kinoelektrostantsii; uchebnoe posobie dlia [illegible] kinotekhnikumov. Moskva, Izd-vo [illegible] Rossiia," 1960. 272 p.

[illegible] in construction of thermal power plants. A. M. [illegible]. Prom. stroi. 38 no.20-27 '60.

[illegible] for thermal power plants to be built in the period from 1959-1965. V. G. Zhilin, A. M. Nekrasov. Elek. sta. 31 no.6:8-24 Je '60.

[illegible] parameters and combinations composing the voltage of power generators. B. V. Smirnov, V. V. Sarapkin. Elek. sta. 31 no.6 68-73 Je '60.

Work of the State Trust for the Organization and [illegible] of Electric Power Plants in connection with the automatic control of thermal processes at the electric power plants. P. N. Manuilov. Teploenergetika 7 no.7:92-94 Jl '60.

[illegible] POWER PLANTS—EQUIPMENT AND SUPPLIES

Circuit for the switching-in of first-stage and principle water system heaters. Z. F. Nemtsov. Elek. sta. 31 no.6 85 86 Je '60.

Improvement in the aerodynamic characteristics of gas and air ducts of the TETs-350 standard electric power stations. Elek. sta. 31 no.4:24-30 Ap '60.

Operation of thawing devices at electric power stations. I. F. [illegible]. Elek. sta. 31 no.4:79-81 Ap '60.

Power supplying circuits for electric drives of fuel feeding systems. A. A. Grinberg and others. Elek. sta. 31 no.6 87 89 Je '60.

Remodeling of blade wheel type coal dust feeders at electric power stations. E. E. Drabyna. Elek. sta. 31 no.6: 76-77 Je '60.

ELECTRIC POWER PRODUCTION
(see also subdivision under *Czechoslovakia*; Rumania)

Meeting on the exchange of work experience. V. P. Pitelin. Elek. sta. 31 no.4:94-95 Ap '60.

Zolotarev, T. L., and E. O. Shteingauz. [Power engineering and electrification of the U.S.S.R. in the seven-year plan; from the materials of the 21st Congress of the CPSU] Energetika i elektrifikatsiia SSSR v semiletke, po materialam XXI *s"ezda KPSS. Moskva*, Gos. energ. izd-vo, 1960. 202 p.

ELECTRIC POWER PRODUCTION—CONGRESSES

Interrepublic conference on problems in the development of power systems of the Central Asian Republics and southern Kazakhstan. Izv. AN Uz. SSR. Ser. tekh. nauk. no.3:78-79 '60.

ELECTRIC POWER SUPPLY TO APPARATUS

Highly stable power supply apparatus. A. Gorbatov. *Radio no.7:55-56 Jl '60.*

ELECTRIC POWER TRANSMISSION

Transmission of electric power by direct current. *Tekh. mol. 28 no.6 17 '60.*

ELECTRIC PROSPECTING
(see also subdivision under Caspian Depression)

Asymptotic expressions for electromagnetic fields of *cylindrical inhomogeneities. B. P. D'iakonov. Izv. AN* SSSR. Ser. geofiz. no.7:951-956 Jl '60.

Direct current prospecting in drill holes. V. K. Khmelevskii. Razved. i okh. nedr 26 no.5:30-33 My '60

Electromagnetic aerial surveying. V. Nazarov, L. Artamonov. Grazhd. av. 17 no.6 24-25 Je '60

Laboratory study of buried narrow valleys by vertical electrical sounding. V. S. Polevoi. Trudy Gidroproekta 3:304-318 '60.

Possibility of using the induction constant electromagnetic field method in prospecting for highly conductive ore bodies. IU. V. IAkubovskii, A. A. Kaufman, V. F. Kovalenko. Izv. vys. ucheb. zav.; geol. i razv. no.3 119-128 Mr '60

Solution of some plane problems in electric prospecting. A. M. Glizman, N. A. Plokhikh. Izv. AN SSSR. Ser. geofiz. no.7:999 1004 Jl '60.

ELECTRIC PROTECTION

Surge protection of transistorized communications and automatic control systems. M. I. Vakhnin. Vest. TSNII MPS 19 no.4:7-10 '60.

ELECTRIC RAILROADS

Effect of electrified d. c. railroads on long-distance power supply networks for apparatus of symmetric principal cable lines. V. M. Bushuev. Elektrosviaz' 11 no.6:58-65 Je '60.

Electricians servicing contact networks need comfortable work clothes. V. I. Legon'kii. Elek. i tepl. tiaga 4 no.5: 40 *My '60.*

In close touch with production. Elek. i tepl. tiaga 4 no.5: *30 My '60.*

Protection of electric traction equipment at a. c. and d. c. junction stations. V. D. Radchenko. Elek. i tepl. tiaga 4 no.5:14-16 My '60.

Work practice of electrified sections operated on a. c. current. E. P. Koval', A. T. Golovatyi, L. G. Milovidov. Zhel. dor. transp. 42 no.6:54-58 Je '60.

ELECTRIC RAILROADS—CARS

Experimental section for a. c. motor-powered railroad cars. I. A. Sazonov. Elek. i tepl. tiaga 4 no.5:34 My '60.

ELECTRIC RAILROADS—COMMUNICATION SYSTEMS

Improvement of communication systems on railroads electrified with alternating current. D. S. Riazantsev. *Avtom., telem. i sviaz' 4 no.7:19-23 Jl '60*

Let us fulfill the plan for the construction of signaling and communication systems in electrified railroad districts. Avtom., telem. i sviaz' 4 no.6:1-3 Je '60.

El

· single-
t. TSNII MPS

19 no.4:15-16 '60.

Reducing electric power consumption for train traction. A. V. Bychkovskii. Vest. TSNII MPS 19 no.4:3-6 '60.

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

A few remarks ("Operation and repair of electric machinery of electric rolling stock" by *L. S. Golynchik and others*). Reviewed by V. N. Safonov. Elek. i tepl. tiaga 4 no.5: 48-3 of cover My '60.

ELECTRIC RAILROADS—EQUIPMENT AND *SUPPLIES*

Blast method of making foundation pits for contact network poles in railroad electrification. A. N. Dashkov. Vzryv. delo no.44/1:184-191 '60.

The operation of RMNV rectifiers is more stable now. V. A. Levina. Elek. i tepl. tiaga 4 no.5:21-22 My '60

ELECTRIC RAILROADS—MANAGEMENT

Important particular characteristics of traffic organization for trains with electric traction. A. M. Baranov, A. D. Karetnikov, N. A. Vorob'ev. Zhel. dor. transp. 42 no.7:44-48 Jl '60.

We are opening up and using our reserves. L. S. Sukhanova. *Elek. i tepl. tiaga* 4 no 3 6-7 Mr '60.

ELECTRIC RAILROADS—RAILS

Graphite lubrication replacing connection joints. Put' i *put. khoz. 4 no.4:30 Ap '60.*

Pneumatic injection of graphite lubricants M. A. Fomina Put' i put. khoz 4 no.8 27 Ag '60.

Track protection against electrolytic corrosion in tunnels. G. Kh. Savchenko. Put' i put. khoz. 4 no.6:22 Je '60.

ELECTRIC RAILROADS—ROLLING STOCK
(see also subdivision under Czechoslovakia)

D600M meter for electric rolling stock. N. I. Cholovskii. Elek. i tepl. tiaga 4 no.5:37-39 My '60.

ELECTRIC RAILROADS—SUBSTATIONS
(see also subdivision under Prague; Tatarsk)

Effective means for preventing misfire of rectifiers. V. K. Aksenov. Elek. i tepl. tiaga 4 no.5:23-24 My *'60.*

How to prevent explosions during the steam curing of concrete reactors. S. B. Nestertseva. Elek. i tepl. tiaga 4 no.3:20 Mr '60.

ELECTRIC RAILROADS—WIRES AND WIRING

New towers for contact net. IU. I. Malimanov. Elek. i tepl. tiaga 4 no.3 21-23 Mr '60.

ELECTRIC RAILWAY MOTORS

Advice to mechanics of electric sections. A. A. Sedov. Elek. i tepl. tiaga 4 no.5:43 My '60.

Commutation characteristics of traction motors of rectifier electric locomotives. D. D. Zakharchenko. Izv. vys. ucheb. zav.; elektromekh. 3 no.5:62-72 '60.

Experimental section for a. c. motor-powered railroad cars. I. A. Sazonov. Elek. i tepl. tiaga 4 no.5:34 My '60.

How we repair brush holders. M. IA. Deev. Elek. i tepl. tiaga 4 *no.5:13-14 My '60.*

Improved traction drive of the ER1 electric train. I. V. Biriukov. Elek. i tepl. tiaga 4 no.5:17-18 My '60.

Machine for automatic grooving of the collectors. I. I. Gorbunov. Elek. i tepl. tiaga 4 no.3:17-19 Mr '60.

Reply to the inquiries of our readers. V. I. Danilov, M. N. Khatskelevich, F. I. Chernyshevich. Elek. i tepl. tiaga 4 no.5:44 My '60.

Two erroneous recommendations. I. L. Vinnikov. Elek. i tepl. tiaga 4 no.5:3 of cover My '60.

ELECTRIC RELAYS

Calculation of an electronic relay. V. I. Shpakov. Elektrosviaz' 14 no.6:18-23 Je '60.

Changes in the assembling procedure for a switching-in circuit for sectional relays. B. N. Filippov. Avtom., telem. i sviaz' 4 no.7:29-31 Jl '60.

Design of a typical time relay for automatic control of technological processes. IU. P. Poruchikov, G. L. Khazan. Vest. elektroprom. 31 no.6 63 Je '60.

Investigation of a three-phase directional resistance relay in short-circuit and partial-phase operating conditions. S. B. Losev, A. B. Chernin. Elektrichestvo no.6:29-38 Je '60.

Power used by RTM relays and current interrupting coils. IU. I. Akimtsev. Energetik 8 no.6:25-27 Je '60.

Use of single-wire rail networks. N. F. Kotliarenko, M. V. Kurovskii. Avtom., telem. i sviaz' 4 no.7:4-7 Jl '60.

ELECTRIC RELAYS—EXHIBITIONS

Exhibition on "Electric relays in power systems and devices for their testing and tuning." R. P. Vcherashnii. Elek. sta. 31 no.6:96 Je '60.

ELECTRIC RESISTORS

Reliability characteristics of resistors and capacitors [with summary in English]. B. S. Sotskov, S. E. Rostkovskaia. Avtom. i telem. 21 no.5:633-638 My '60.

ELECTRIC SHOCK

Case of total body reaction to electric shock. A. Z. Raskin. Voen.-med. zhur. no.6:80 Je '60.

ELECTRIC SPARK

Significant drop of average breakdown gradients in long gaps with an oblique voltage wave. E. M. Bazelian, E. N. Brago, I. S. Stekol'nikov. Dokl. AN SSSR 133 no.3:550-553 Jl '60.

Study of space - time characteristics of the luminous cloud produced by a spark discharge [with summary in English]. E. G. Martinkov. Inzh.-fiz. zhur. no.7:67-71 Jl '60.

ELECTRIC SUBSTATIONS

Complete transformer substations for outdoor plant units with transformers from 180 to 560 kv.-a. G. S. Grinberg, I. A. Gureev. Vest. elektroprom. *31 no.6 14-17 Je '60*

The operation of RMNV rectifiers is more stable now. V. A. Levina. Elek. i tepl. tiaga 4 no.5:21-22 My '60.

Testing the use of mobile electric substations in the "Proletarskaya-Glubokaya" Mine. S. T. Sergeev, IU. S. Zhdanov. Ugol' 35 no.7:54-55 Jl '60.

ELECTRIC SWITCHGEAR

Metal switch clamp N. T. Bogomolov. Avtom., telem. i sviaz' 4 no. 7 34 Jl '60.

Possibility of eliminating voltage surge protection for hydraulic generators. N N. Likontsev, B. M. Pokrovskii Elek sta 31 no. 6 65-67 Je '60.

Shishkin, N. F., and P. IA. Danilin. [Superfast switching apparatus] Sverkhbystrodeistvuiushchii kommutatsionnyi apparat. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 34 p. (Novaia gornaia tekhnika)

Small switches Svetotekhnika 6 no. 6·32 Je '60

ELECTRIC TESTING

Sokolov, V. S. [Flow detection without rupture of parts] Kontrol' bez razrusheniia detalei. [Moskva] Mosk. rabochii, 1960. 94 p.

ELECTRIC TOYS

"Mikros" motor operating on a current converter. A. Markelov. IUn. tekh. 4 no. 5·59 My '60.

ELECTRIC TRANSFORMERS

Aleksenko, G. V. [Parallel operation of transformers] Parallel'naia rabota transformatorov. Moskva, Gos. energ. izd-vo, 1960. 342 p. (Transformatory, no. 5)

Changing the aperture in the breather plug of the transformer exhaust pipe. T. P. Musatov Energetik 8 no 6·15-16 Je '60.

Complete transformer substations for outdoor plant units with transformers from 180 to 560 kv -a G S. Grinberg, I A Gureev Vest elektroprom 31 no 6 14-17 Je '60

Discharge along the layers of paper and oil insulation at constant voltage G S Kuchinskii, D A. Kaplan Vest elektroprom 31 no 6 50-52 Je '60

Effect of the dielectric properties of transformer oil on the strength of electric insulation of transformers V. I. Zvezdkin and others. Elek. sta 31 no. 4 60-64 Ap '60.

New electromagnetic actuating units for automatic control systems [with summary in English]. A. M. Bamdas and others. Avtom. i telem. 21 no 6:907-917 Je '60.

Numerical frequency method for the calculation of oscillations in the windings of transformers. A. I. Dolginov. Izv. vys. ucheb. zav , elektromekh. 3 no. 2·3-7 '60.

Selecting a transformer type for contact multi-electrode machines, S. M. Taz'ba Avtom svar. 13 no. 6:69-73 Je '60.

Shnitser, L. M. [Principles of the theory and capacity of electric transformers] Osnovy teorii i nagruzochnaia sposobnost' transformatorov. Izd 5., perer. Moskva, Gos. energ. izd-vo, 1959. 230 p. (Transformatory, no. 1)

Thermal properties and criteria for evaluating the designs of low capacity power transformers D. N Porto, G N. Nazarova Vest elektroprom 31 no 6 43-47 Je '60

Transient processes in windings of multilayer pulse transformers. Elektrichestvo no. 6:71-75 Je '60.

Universal output transformer. V. Shushkevich. Prom. koop. 14 no 6:26 Je '60.

ELECTRIC TRANSFORMERS—CONGRESSES

Conference on the manufacture of transformers. V. S. Kondakhchan. Energetik 8 no 6 36-38 Je '60.

ELECTRIC TRANSFORMERS—COOLING

Coordination conference on transformer cooling IU A. Vasil'chenko Vest elektroprom 31 no 6 78 Je '60

ELECTRIC WELDING

(see also subdivision under Ukraine)

Automatic built-up welding of iron mill rolls, V. G. Malinovskii and others. Svar. proizv. no. 7:24-26 Jl '60.

Condenser discharge welding of seat frames of automobiles. M. M. Novokreshchenov, L. I. Podvol'skii. Avt. prom. no. 7:27-28 Jl '60.

Cone arc automatic welding of very small diameter circular seams, D A. Dudko, S. P. Lakiza. Avtom. svar. 13 no. 6,42-45 Je '60.

Deep fusion plug welding, A. IA. Brodskii. Svar. proizv. no. 7:18-21 Jl '60.

Development of electric welding during the current seven-year plan N IA Kochanovskii. Vest. elektroprom 31 no 6 6-11 Je '60

Effect of surface tension forces on metal transfer and loss coefficients in manual arc welding. A. G. Mazel'. Svar. proizv. no. 8 14-15 Ag '60.

Effect of the rate of cooling on the stability of stainless seams against knife-line and general corrosion. A. A. Akulov, V. V. Spitsyn. Avtom. svar. 13 no. 7:43-48 Jl '60.

Electric slag welding of turbine penstock at the Bratsk Hydroelectric power Station. O. O. Rozenberg, V. P. Andreev, I. I. Antoshin. Avtom. svar. 13 no. 7:91-92 Jl '60.

Electric welding as an important means for technological progress A. Kazimirov Blok. agit [Ukr.] no 16 32-37 Je '60

Electrodes for fast welding. E. A. Ivleva, A. M. Gofner. Svar. proizv. no. 7:29-30 Jl '60.

Evaluating the tendency of structural steel toward brittle failure by its reaction to burns by the electrode. M. M. Kraichik, N. V. Pashkov. Svar. proizv. no. 8 6-9 Ag '60.

Mlinov, I B [Electric slag welding of large-size thick-walled structures] Elektroshlakovaia svarka krupnogabaritnykh, tolstostennykh konstruktsii. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 34 p.

Moravskii, E. V. [Condenser discharge welding of small thickness metals] Kondensatornaia svarka metallov malykh tolshchin. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 143 p.

Pidhalets'kyi, V. V. [Welding copper and its alloys under flux] Zvariuvannia midi ta ii splaviv pid fliusom. Kyiv, Derzh. vyd-vo tekhn. lit-ry URSR, 1957. 35 p. [MICROFILM]

Preventing the formation of slag inclusions in the welding root. P. T. Medvedev. Svar. proizv. no. 8.27-28 Ag '60.

Process of weld joint formation in projection welding. V. A. Gillevich. Svar. proizv. no. 7:8-11 Jl '60.

Reconditioning the stand of a three-ton hammer. G. Z. Voloshkevich, V. M. Khrundzhe, I. I. Sushchuk-Sliusarenko. Avtom. svar. 13 no. 7:76-79 Jl '60.

Reconditioning truck and tractor parts at the Boriespol' Tractor Repair Station by means of welding. S. G. Tiutiunik. Svar. proizv. no. 7:32-33 Jl '60.

Remote controller of welding currents V N Kulikov Mont i spets rab v stroi 22 no 6 27-29 Je '60

Scientific conference dedicated to the 90th anniversary of E A. Paton's birth. M. S. Zil'ban Avtom. svar. 13 no. 6:90-96 Je '60.

Scientific conference dedicated to the 90th anniversary of E O Paton's birth V F Tiurin Svar proizv no 6 45-46 Je '60

Separation of silicon fluoride during the heating of flux in the welding process and during drying. V. V. Podgaetskii, T P. Novikova. Avtom. svar. 13 no. 6 19-22 Je '60

Some problems involved in welding with use of austenitic manganese-aluminum electrodes, R. A. Kozlov, G. L. Petrov. Avtom. svar. 13 no. 7:33-42 Jl '60.

Standardization of electrodes for resistance spot welding machines. B. M. Nekrasov, L. U. Manchinskii, S. O. Libo. Standartizatsiia 24 no. 6·19-23 Je '60.

TSegel'skii, V. L. [Electric welder] Elektrosvarshchik. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 243 p.

We are going forward. V. IA. Karasev, B. E. Paton. Ogonek 38 no. 30:1 Jl '60.

Welding horizontal seams on a vertical surface with carbon dioxide arc shielding. D. A. Dudko, F. M. Vinogradskii. Avtom. svar. 13 no. 7:80-83 Jl '60.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Assembling and welding line for dump truck bodies M A Makhnin Svar proizv no 6 29-30 Je '60

Auxiliary welding equipment A D. Gitlevich Svar proizv no 6 10-13 Je '60

Compensation of the reactive power of contact machines by consecutive condensers. V. V. Zorin. Avtom svar. 13 no. 6,28-36 Je '60.

Electric slag welding of spherical electric dehydrators. V. G. Radchenko, V. S. Shaniuk Avtom. svar. 13 no. 6: 37-41 Je '60

Equipment for the automatic welding of air cylinders. V D Kolesnikov, P S Stekhin Svar proizv no 6·32-35 Je '60

Equipment for the measurement and control of the welding current in resistance welding P. L Chuloshnikov Svar proizv no 6 35-37 Je '60.

Extremal regulation systems of resistance butt welding machines for methods with continuous flashing. A. D. Lovlia. Avtom. svar. 13 no. 7:58-64 Jl '60.

A follow-up on published materials. Ekon. stroi. no. 5: 71 My '60.

Forming device for automatic lap welding with an inclined electrode. V. M. Solovskii, B Z Shron. Avtom. svar. 13 no. 6 60-62 Je '60.

Mechanization and automation of welding at the enterprises of the Ministry of Construction for the Transportation Industry. S. E. Rovkakh, V. N. Troepol'skii, Transp. stroi. 10 no. 7:23-26 Jl '60.

Mechanization of welding operations in building blast furnace casings. B. F. Lebedev, IU. A. Sterenbogen, A. I. Alekseev. Avtom. svar. 13 no. 7:70-75 Jl '60.

Mechanized manufacture of welded pipes with a spiral seam S N Mel'bard, V B Krekhnov Svar. proizv no 6 28-29 Je '60

Over-all mechanization and automatization of assembling and welding operations. P. I Sevbo Svar proizv no 6 1-6 Je '60

Plasma burner V A. Parfenov Nauka i zhizn' 27 no 5 67 My '60.

Prospects for the output of electric welding equipment from the "Elektrik" Plant. L V. Glebov. Vest elektroprom 31 no 6 11-13 Je '60.

Selecting a transformer type for contact multi-electrode machines, S. M. Taz'ba. Avtom. svar. 13 no. 6;69-73 Je '60.

Straightening thin-sheet welded structures with use of a gun-type graphite electrode holder. L. D. Veretnik. Avtom. svar. 13 no. 7;84-86 Jl '60.

Theory and practice of a method for controlling the manufacture of a steel cable wire by use of eddy currents. B. IA. Pogrebtsov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5:40-51 '60.

TKM-8 condenser machine for spot welding of small thickness metals. V. E. Moravskii. Avtom. svar. 13 no. 6:63-68 Je '60.

Universal welding torch for injecting deoxidizers into the weld joint metal. M. Romanets. Rech. transp. 19 no. 5: 46-47 My '60.

Work of the All-Union Scientific Research Institute on Electric Welding Equipment on the introduction of automatic control of welding equipment N. IA. Kochanovskii Svar proizv no 6 8-10 Je '60

ELECTRIC WELDING—QUALITY CONTROL

Effect of lamellar electrode width on the stability of the electric slag welding process and the quality of the welded joint. Ch'iao Sung-ling, Ch'en Hsi-k'ang, IU. N. Gotal'skii Avtom. svar. 13 no. 7:65-69 Jl '60.

ELECTRIC WIRE—TESTING

Methods of producing prints of thin wires by the use of polystyrene and quartz. D. N. Vasil'kovskii, T. T. Gorovits, V. K. Shtein. Trudy SAGU no. 148:23-26 '59.

ELECTRIC WIRING

Appendix to decision No. 8/E of the All-Union Main Administration of Power Engineering made on April 9th, 1960 "Changes and supplements to tables for permissible continuous current loads in insulated wires and cables, as specified in chapters 1 to 3 of 'Specifications for the layout of electrical installations.'" Energetik 8 no. 6: 39-40 Je '60.

Industrialization of electric installation work in housing and public building construction. L. P. Kosov, D. S. Leibovich. Prom. energ. 15 no. 6·1-6 Je '60.

ELECTRIC WIRING—TABLES, CALCULATIONS, ETC.

Auxiliary tables for selecting sizes of wires and cables for low voltage electric power wiring taking their reactive resistance into account. S. G. Fedorov. Prom. energ. 15 no. 5:33-35 My '60.

Supplement to decision No. 8/E (April 9, 1960) of the All-Union Power Administration "Changes and additions to the tables of permissible long-run loads of current in insulated wires and cables, as shown in chapters 1 to 3 of 'Regulations for the installation of electric equipment.'" Prom. energ. 15 no. 6:55-56 Je '60.

ELECTRIC WIRING, INTERIOR

Industrial methods for installing electric wiring in large-panel apartment houses. V. Shcherbich. Zhil. stroi. no. 6:16-17 Je '60.

Using industrial methods in electric-wiring operations. A. Birger, A. Klopovskii, D. Leibovich. Zhil. stroi. no. 7:16-19 Jl '60.

ELECTRICITY

Voyage to "P. F. land" (conclusion). G. Babat. IUn. tekh. 4 no. 5:32-35 My '60.

ELECTRICITY—JUVENILE LITERATURE

[Universal energy; collection of stories on electricity] Universal'naia energiia; sbornik rasskazov ob elektrichestve. Moskva, Gos. izd-vo detskoi lit-ry M-va prosv. RSFSR, 1959. 361 p.

ELECTRICITY—PHYSIOLOGICAL EFFECT

Electricity revives memories. P. Oreshkin. IUn. tekh. 4 no. 5:27 My '60.

Influence of phenamine on an electroconvulsive seizure. Report No. 1. K. I. Pogodaev. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4·187-197 '60.

Physiological mechanism of the formation of an electroconvulsive seizure resembling epilepsy. K. I. Pogodaev, N. F. Turova, N. P. Gordeeva. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4;198-200 '60.

ELECTRICITY, INJURIES FROM see subdivision under Switzerland

ELECTRICITY, MEDICAL see Electrotherapeutics

ELECTRICITY IN AERONAUTICS

Review of A. I. Bertinov's book "Electric generators for aviation." A. V. Koritskii, N. IA. IAvlinskii. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5:134-136 '60.

ELECTRICITY IN AGRICULTURE

(see also subdivision under Kazakhstan; Ukraine)

Tractor as an electric power station. D. Glebov. Otv. na vop. trud. no. 114:58-64 '60.

ELECTRICITY IN MINING

(see also subdivision under Donets Basin)

Electric power should be used economically. M. Strakhovenko. Mast. ugl. 9 no. 7:6 Jl '60.

Investigating high-frequency interference in contact and power networks of mines. IU. A. Morozov. Izv. Sib. otd. AN SSSR no. 5:42-50 '60.

Response to A. N. Selishchev's article "Technical requirements for explosion-proof mobile electric substations for mines." L. N. Kutovoi. Ugol' 35 no. 5: 60-61 My '60.

ELECTRICITY IN MINING—SAFETY MEASURES

Karpov, E. F., and others. [Automatic protective devices in mines] Avtomaticheskie shakhtnye zashchitnye ustroistva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 111 p.

LECTRICITY ON SHIPS

(see also subdivision under Denmanrk)

Electric equipment on the British aricraft carrier, "Hermes." Sudostroenie 26 no.6 67-68 Je '60

Hlits, G. M. [Electric drives for ship machinery] Sudovye elektroprivody. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 396 p.

Use of induction generators on ships. K. P. Iorzh, V. P. Dmitrev, V. N. Preobrazhenskii. Sudostroenie no.7: 31-35 Jl '60.

Using power produced by electric propulsion plants for auxiliary ship needs. L. V. Chernikov. Trudy NTO sud. prom. 8 no.5 113-116 '59.

LECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

LECTRIFICATION

(see also subdivision under Kirghizistan; Ukraine)

Complete electrification of the Soviet Union. A.G.Zakharin. Izv.AN SSSR. Otd.tekh.nauk.Energ.i avtom. no.3:3-10 My-Je '60.

Following Lenin's ideas on electrification. Elek.sta. 31 no.4:2-5 Ap '60.

The main pivot of our program. N.Kovalev, G.Levit. NTO 2 no.7:17-19 Jl '60.

Realization of Lenin's idea of national electrification. Sh.Ch.Chokin, A.B.Rezniakov. Vest.AN Kazakh.SSR 16 no.4 16-22 Ap '60.

Several problems of the comprehensive electrification of the U.S.S.R. M.Vilonskii. Vop.ekon. no.8:45-50 Ag '60.

Significant data on the Lenin plan for electrification. Gidr.strol. 30 no.7:51 Jl '60.

Significant dates pertaining to Lenin's plan of electrification. Gidr.strol. 30 no.6:43 Je '60.

Socialist obligations of power-station builders. Gidr. strol. 30 no.7:1-3 Jl '60.

V.I.Lenin and the electrification of the U.S.S.R. P.N. Stepanov. Vest.Mosk.un.Ser.5:Geog. 15 no.3:3-8 My-Je '60.

LECTROACOUSTICS

Operation of an ionophone. B.Zalivadnyi. Radio no.6: 56 Je '60.

LECTROCAPILLARY PHENOMENA

Contact differences of potential between Sn and Sn-Te alloys, and electrocapillary phenomena on Sn-Te alloys [with summary in English]. V.A.Kuznetsov and others. Zhur.fiz.khim. 34 no.6:1345-1350 Je '60.

Investigating electrocapillary phenomena in tellurium-gold alloys [with summary in English]. V. A. Kuznetsov and others. Zhur.fiz.khim. 34 no.5:1077-1082 My '60.

LECTROCARDIOGRAPHY

Changes in the electrocardiogram of flying personnel under the influence of flying stress. A.E.Krimshtein. Voen.-med.zhur. no.5:83-84 My '60.

Electrocardiographic changes in intrathoracic operations on the esophagus and lungs. I.P.Krasul'nikova. Kaz.med.zhur. 40 no.5:15-10 S-O '59.

Peculiarities of electrocardiographic curves in patients with long standing pneumothorax. N.G.Volodina. Pat., klin. i terap.tub. no.8:175-178 '58.

Petrenko, M.I., and R.IA. Pis'mennyi. [Electrocardiogram for children in normal and certain pathological states] Elektrokardiogramma u detei v norme i pri nekotorykh patologicheskikh sostoianiiakh. Moskva, Medgiz, 1959. 156 p.
(DNLM)

LECTROCHEMICAL ANALYSIS

Cell for electrochemical investigations in phase analysis. V. A. Mil'chev. Zav.lab 26 no.5,636 '60.

LECTROCHEMISTRY

N.A.Izmailov's book "The Electrochemistry of Solutions." Reviewed by K.P.Mishchenko. Ukr.khim. zhur. 26 no.3:396-397 '60.

Steady states of distrubuted electrochemical systems and their stability. V.P.Smilga, IU.A.Chizmadzhev. Dokl. AN SSSR 133 no.3:633-636 Jl '60.

Studying the stability of protein structures by the method of nonstationary heat exchange of protein solutions in a high-frequency field [with summary in English]. V.K. Tkach, L.A.Frenkel. Biofizika 5 no.3:253-259 '60.

"The electrochemistry of solutions" by N.A.Izmailov. Reviewed by A.P.Kreshkov. Zhur.anal.khim. 15 no.3:380-381 My-Je '60.

LECTROCHEMISTRY—CONGRESSES

Problems of chemical electrothermics at the Fourth International Congress on Electrothermics. L. I. Moroz. Khim.prom. 2:172-174 Mr '60.

LECTRODES

Action of light on an anode-polarized germanium electrode. A.A.IAkovleva, T.I.Borisova, V.I.Veselovskii. Dokl.AN SSSR 133 no.4:889-892 Ag '60.

Attachment to the oscillographic polarograph constructed by the Institute of Geochemistry and Analytical Chemistry, used in determining the instantaneous difference of potential between the test electrode and the reference electrode [with summary in English]. IA.I.Gokhshtein. Zhur.fiz.khim. 34 no.5:1138-1139 My '60.

Behavior of the electrode potential in the transition of the electrode from the passive to the active state [with summary in English]. IA.M.Kolotyrkin. Zhur.fiz. khim. 34 no 5:1121-1130 My '60.

Determination of pH with the antimony microelectrode. G A Kurella, G A.Popov Biofizika 5 no 3:373-375 '60.

Drying and calcinating furnace for electrodes. L.D. Dimov and others. Prom.energ. 15 no.5:19-21 My '60.

Effect of electrode diameter on the process of butt-seam welding of pipes. B.D.Zhukovskii, L.I.Zilbershtein, V.I.Mizera. Svar.proizv. no.7:11-13 Jl '60.

Effect of lamellar electrode width on the stability of the electric slag welding process and the quality of the welded joint. Ch'iao Sung-ling, Ch'en Hsi-k'ang, IU.N. Gotal'skii. Avtom.svar. 13 no.7:65-69 Jl '60.

Electrodes for built-up welding of dies of drop forging. I.A.Poremilovskii, R.A.Kablukova. Svar.proizv. no.7:27-28 Jl '60.

Electrodes for fast welding. E.A.Ivleva, A.M.Gofner. Svar.proizv. no.7:29-30 Jl '60.

Instrument with a rotating disc electrode [with summary in English]. M.P.Beliachikov, IU.V.Pleskov, V.G. Pominov. Zhur.fiz.khim. 34 no.7:1638-1642 Jl '60.

Kinetics of electrode processes on a silicon electrode in acid and alkaline solutions E N.Paleolog, K S. Korotkova, N.D.Tomashov Dokl AN SSSR 133 no 1 170-173 Jl '60

Kostiuk, P.G. [Microelectrode techniques] Mikroelektrodnaia tekhnika. Kiev, Izd-vo Akad.nauk USSR, 1960. 125 p.

Moisture resistance of electrodes with plastic coatings. E.M.Rogova. Svar.proizv. no.8:12-14 Ag '60.

Polar effect of the erosion of metals during an impulsive discharge. I.G.Nekrashevich, I.A.Bakuto. Dokl.AN BSSR 4 no.6:241-243 Je '60.

Relationship between the effect of burning, the polarity of the electrodes, and the parameters of an arc discharge [with summary in English]. V P.Borzov. Inzh.-fiz.zhur. no.6.101-103 Je '60.

Role played by the materials and form of the stationary electrode in suppressing structural effects I A Grikit Zav lab. 26 no.5 577-581 '60

Thermal theories on the electric erosion of metals. A.S.Zingerman. Izv.vys.ucheb.zav.;elektromekh. 3 no.5:87-98 '60.

Using minerals from southern deposits for electrode coatings. I.A.Dovgopoliuk, A.I.Safonov. Svar.proizv. no.8:30-31 Ag '60.

ELECTRODES—STANDARDS

New state standards for electrodes V V.Bazhenov, L M IArovinskii Svar proizv no 6 38-40 Je '60.

Standardization of electrodes for resistance spot welding machines. B.M.Nekrasov, L.U.Manchinskii, S.O.Libo. Standartizatsiia 24 no.6:19-23 Je '60.

ELECTRODES, CARBON

Measuring the temperature of carbon electrodes with different fillers. D.Tokenov. Sbor.nauch.rab.stud. Nauch.stud.ob-va Kir.un. no.2:41-45 '59.

ELECTRODES, PALLADIUM

Effect of anion adsorption on the process of hydrogen ion discharge on palladium, and ionization of hydrogen dissolved in palladium. L.T.Shanina. Dokl.AN SSSR 133 no.2:417-419 Jl '60.

ELECTRODES, PLATINUM

Amperometric method of determining mercury on a rotating platinum electrode. V.A.Zakharov, O.A.Songina, L.N.Terzeman. Zav.lab. 26 no 7:787-792 '60.

Determination of small amounts of thiourea in copper electrolytes on a rotating platinum anode [with summary in English]. V.I.Ginzburg. Zhur.anal.khim. 15 no.3:356-358 My-Je '60.

Normal platinum thermoelectrode. B.K.Bragin. Izm. tekh. no.7:33-34 Jl '60.

ELECTRODYNAMICS

Using the dispersion method for investigation of the simplest Green functions in quantum electrodynamics [with summary in English]. V.D.Mur, V.D.Skarzhinskii. Zhur.eksp.i teor.fiz. 38 no.6:1817-1823 Je '60.

Using the dispersion technique for the investigation of the simplest Green functions in mesodynamics [with summary in English]. V.V.Malakhov, E.P.Kashevskaia, V.IA.Fainberg. Zhur.eksp.i teor.fiz. 38 no.6:1803-1813 Je '60.

ELECTROLYSIS

Automation of electrochemical production processes. V.V. Stender. Vest.AN Kazakh.SSR 16 no.6:3-7 Je '60.

Composition of anodic gases in the production of alkali metals by the electrolysis of fused salt mixtures. S.A. Zaretskii, V.B.Busse-Machukas. Zhur.prikl.khim. 33 no.5:1219-1221 My '60.

Determination of the decomposition potential of the system K_2ZrF_6 - NaCl - KCl. N.S.Kavetskii. Ukr. khim.zhur. 26 no.3:393-394 '60.

Electrolysis of radioactive iodide. A.P.Musakin, L.V. Puchkov, N.P.Kolobov. Trudy LTI no.58:36-39 '59.

Note on N.S.Kavetskii's review of the article "Study of the decomposition potential of the system K_2ZrF_6 - NaCl - KCl." I.N.Sheiko, V.G.Feshchenko. Ukr. khim.zhur. 26 no.3:394-395 '60.

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Vertical filling of bottom sections of aluminum electrolyzers. V.IA.Podmogaev and others Prom.energ. 15 no.5:21-22 My '60

ELECTROLYSIS—MEASUREMENT

Complexometric determination of copper in copper bath electrolytes V.S Parchevskii, T I Khakharina Poligr proizv no 6,21-22 Je '60

ELECTROLYTES

Mechanism of the effect of small amounts of electrolytes on the strength of the crystal structure formed by solidification. E.E.Segalova, Z.N.Markina, P.A.Rebinder. Dokl.AN SSSR 133 no.3:630-632 Jl '60.

Theory of modeling electrical fields in electrolytes [with summary in English]. N.P.Gnusin. Zhur.fiz. khim. 34 no.7:1563-1570 Jl '60.

ELECTROLYTES—CONDUCTIVITY

Electrochemical study of solutions of HC1 in solvents of low dielectric constants [with summary in English]. E.M.Ryzhkov, A.M.Sukhotin. Zhur fiz khim 34 no 5,983-989 My '60.

ELECTROLYTIC CORROSION

Protection of communication cables from corrosion at points where they are crossed by electrified d.c. railroads. V.N.Akulenok. Vest.sviazi 20 no.6:10-12 Je '60.

Protection of underground structures from corrosion brought about by eddy currents. Elek.sta. 31 no.6 79-85 Je '60.

Track protection against electrolytic corrosion in tunnels. G.Kh.Savchenko. Put' i put.khoz. 4 no.6:22 Je '60.

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROLYTIC POLISHING

Brief reports. Zav.lab. 26 no.6:742-743 '60.

Mechanism of the electrolytic polishing of metals, viewed in the light of electron microscopic investigations of the metal surface at different stages of the treatment. G.S.Vozdvizhenskii, G.A.Gorbachuk, G.P.Dezider'ev. Dokl.AN SSSR 133 no.4:869-871 Ag '60

Theory of the anodic sharpening of instruments [with summary in English]. S.I.Krichmar. Zhur.fiz.khim. 34 no.6:1161-1168 Je '60.

ELECTROLYTIC REDUCTION see Reduction, Electrolytic

ELECTROMAGNETIC SCREENS see Shielding (Electricity)

ELECTROMAGNETIC WAVES

Electromagnetic shock waves in a ferrite-filled strip wave guide. G.I.Freidman. Izv.vys.ucheb.zav., radiofiz. 3 no.2:276-284 '60.

Electromagnetic waves in a medium with a continuous energy spectrum Part 1 [with summary in English] V.S.Mashkevich Zhur.eksp i teor.fiz. 38 no 3 906-911 Mr '60

Energy losses of a charged particle in transient electromagnetic radiation from a moving boundary. K.A.Barsukov, B.M.Bolotovskii. Izv.vys.ucheb.zav., radiofiz. 3 no.2:330-338 '60.

Fading of decimetric waves in gas discharge plasma. K.I.Kononenko, G.A.Kosinov. Izv.vys.ucheb.zav.; radiofiz. 3 no.2:338-340 '60.

Gyroresonance absorption of electromagnetic waves in a plasma [with summary in English] B.N Gershman Zhur.eksp.i teor.fiz 38 no.3 912-924 Mr '60.

Instability of magnetoactive plasma in respect to high-frequency electromagnetic perturbations. Part 2. V.V. Zheleznlakov. Izv.vys.ucheb.zav.; radiofiz. 3 no.2. 180-191 '60.

New apparatus for studying the properties of electromagnetic waves. N.M.Shakhmaev. Dokl.APN no.4: 23-26 '59.

Why the charge of partial capacitances does not correspond to the resultant field flux. L.R.Neiman, K.S. Demirchian. Elektrichestvo no.6:1-6 Je '60.

ELECTROMETALLURGY see subdivision under Moscow Province

ELECTROMETALLURGY—EQUIPMENT AND SUPPLIES
New series of d.c. contactors for metallurgical drives. M.G.Koblents. Vest.elektroprom. 31 no.6:17-21 Je '60

ELECTROMOTIVE FORCE
Behavior of the electrode potential in the transition of the electrode from the passive to the active state [with summary in English]. IA.M.Kolotyrkin. Zhur.fiz. khim. 34 no.5:1131-1140 My '60.
Contact differences of potential between Sn and Sn-Te alloys, and electrocapillary phenomena on Sn-Te alloys [with summary in English]. V.A.Kuznetsov and others. Zhur.fiz.khim. 34 no.6:1345-1350 Je '60.
Electrochemical study of HCl solutions in solvents of low dielectric constants. Part 2 [with summary in English]. E.M.Ryzhkov, A.M.Sukhotin. Zhur.fiz. khim. 34 no.7:1402-1406 Jl '60.
Electromotive forces in some catalytic reduction reactions [with summary in English]. V.A.Zhuravlev, A.A. Kuzheliuk. Zhur.fiz.khim. 34 no.6:1331-1335 Je '60.
Equilibrium potentials of zirconium in fused fluoride-chloride mixtures. M.V.Smirnov, V.E.Komarov, A.N. Baraboshkin. Dokl.AN SSSR 133 no.2:400-403 Jl '60.
Measurement of the potentials of a metal in corrosive media at high temperatures. V.A.Titov, G.I.Arapov. Zav.lab. 26 no.7:839-843 '60.
Method of investigating the differential thermo-emf at high temperatures. Route diagram. V.S.Kutuev and others. Zhur.neorg.khim. 5 no.4:891-893 Ap '60.
Thermodynamic properties of the components of liquid solutions in the system aluminum-zinc [with summary in English]. V.N.Eremenko. Zhur.fiz.khim. 34 no.7:1495-1502 Jl '60.

ELECTRON BEAMS
Experimental testing of the behavior of an electron beam in a magnetic field directed along the trajectory of the electrons. IU.V.Troitskii. Izv.Sib.otd.AN SSSR no.1: 56-60 '60.
Investigating the interaction between an electron beam and plasma [with summary in English]. I.F.Kharchenko and others. Zhur.eksp.i teor.fiz. 38 no.3:685-693 Mr '60.

ELECTRON DIFFRACTION EXAMINATION
Determining the kaolinite structure by electron diffraction. B.B.Zviagin. Kristallografiia 5 no.1:40-50 Ja-F '60.
Electronographic analysis of the structure of molecules of monochloro and monobromodimethyl ethers. P.A. Akishin, L.V.Vilkov, N.P.Sokolova. Izv.Sib.otd.AN SSSR no.5:59-66 '60.
Producing the pole figures of textured metals by the electronographic method. IU.I.Kozin. Fiz.met.i metalloved. 9 no.6:892-900 Je '60.

ELECTRON MICROSCOPE see subdivision under Czechoslovakia

ELECTRON MICROSCOPY
Electron microscopic study of kidneys during acute radiation sickness produced by radioactive strontium [with summary in English]. O.O.Horodets'kyi and others. Fiziol.zhur.[Ukr.] 6 no.3:403-411 My-Je '60.
Methods of exposing the structure of heat-resistant alloys in electron microscopic examinations. E.E.Levin, L.S. Mel'nikova. Zav.lab. 26 no.6:730-732 '60.
Possibility of using electron microscope observations on the thrombocytes of the peripheral blood for the diagnosis of cancer. O.A.Nikiforova. Trudy LIETIN 2: 310-315 '59.
Some improvements in the UEM-100 electron microscope for the investigation of biological objects. V.L.Borovlagin, M.G.Kuptsov. Biofizika 5 no.3:366-368 '60.
Using coal and cellulose-coal replicas for studying fractured surfaces of mineral aggregates. G.S.Gritsaenko, A.I.Gorshkov, K.E.Frolova. Zap.Vses.Min.ob-va 89 no.2:152-159 '60.

ELECTRON OPTICS
Katys, G.P. [Automation control of nonstationary fields] Nekotorye voprosy avtomaticheskogo kontrolia nestatsionarnykh polei. Moskva, Izd-vo Akad.nauk SSSR, 1960. 222 p.

ELECTRON TUBES
Boshagin, S.P. [Flame process tooling for the industrial equipment used in electric vacuum production] Ognevoe osnashchenie tekhnologicheskogo oborudovaniia elektrovakuumnogo proizvodstva. Moskva, Gos.energ.izd-vo, 1960. 255 p.
Characteristics of bulging forms in pentodes and their uses. M.S.Aralov. Radiotekhnika 15 no.6:51-61 Je '60.
Miniature beam power-type tubes. V.Bukhanov, A.Kuraev. Radio no.7:34-38 Jl '60.
Parameters of miniature beam power-type tubes. A.Azat'ian, N.Parol'. Radio no.7:38 Jl '60.

Study of cathode electronics carried out at the physics department of the State University of Central Asia. G.N.Shuppe. Trudy SAGU no.156:[illegible] '59.

ELECTRONIC ANALOG COMPUTERS
Capability of the electric integrator to solve Dirichlet and Neumann problems on a tape. O.V.Tozoni. Izv. vys.ucheb.zav.;elektromekh. 3 no.6:16-39 '60.
Method of determining the minimum number of inverters in analog systems. P.A.Trevogin. Izv.AN SSSR.Otd. tekh.nauk.Energ.i avtom. no.3:176-180 My-Je '60.
Use of electronic models for solving lighting engineering problems. A.V.[illegible] R.I.[illegible] Svetotekhnika 6 no.6:1-7 Je '60

ELECTRONIC APPARATUS AND APPLIANCES
(see also subdivision under France)
A pamphlet on achievements in radioelectronics. V.Pasynkov. Prof.-tekh.obr. 17 no.6:20 Je '60.
Ten questions which were addressed to D.V.Pavlov, Minister of Trade of the R.S.F.S.R. Radio no.6:11-13 Je '60

ELECTRONIC CALCULATING MACHINES
Automatic calculating machines as an important means for the improvement of economic planning. V.Belkin. Polit.samoobr. 4 no.5:115-118 My '60.
[Automatic control and computer engineering] Avtomaticheskoe upravlenie i vychislitel'naia tekhnika. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry. No.3. 1960. 400 p.
Automatic electronic relay optimizer for ten channels [with summary in English]. A.B.Shubin. Avtom.i telem. 21 no.5:624-632 My '60.
Computing amplifier for a specialized integrator with periodization of the solution [with summary in English]. A.G.Platin. Avtomatyka no.2:50-61 '60.
Conference on "Computers in Industry." A.G.Fedorov. Vest.AN SSSR 30 no.7:85-88 Jl '60.
Cybernetics, computer techniques, and transportation. A.P.Petrov. Zhel.dor.transp. 42 no.7:30-31 Jl '60.
Electronic "mathematician." M.Liddekell. Ekran no.11:8 Jl '60.
Electronic "mathematician" at work. V.Vatagin. [illegible] 17 no.5:27 My '60.
High-speed transistor switch and trigger for electronic computers. IA.N.Hupat, L.I.Laguna. Elektrichestvo no.6:76-81 Je '60.
Increasing the reliability of computers by a method which involves the duplicating of equipment and creation of a reserve. L.I.Kitionko. Izv.AN SSSR.Otd.tekh.nauk. Energ.i avtom. no.3:73-77 My-Je '60.
Operational algorithms. Part 1. A.P.Ershov. Probl. kib. no.3:5-48 '60.
Optimal dimensions for memory units of electronic computers [with summary in English]. V.M.Glushkov. Dop.AN URSR no.5:571-575 '60.
Potential use of automatic devices in the solution of some legal problems. N.D.Andreev, D.A.Kerimov. Vop. filos. 14 no.7:100-110 '60.
Problems which are solved by sequence machines. A.Sh. Blokh. Probl.kib. no.3:81-88 '60.
Quasi-topological method for recognition of letters. V.A. Garmash, V.S.Pereverzev-Orlov, V.M.Tsetlin. Izv. AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.3:150-152 My-Je '60.
Specialized calculating machine for harmonic synthesis and analysis. Elektrosviaz' 14 no.6:80 Je '60
Two universal criteria of the efficiency of computers [with summary in English]. V.M.Glushkov. Dop.AN URSR no.4:477-481 '60.

ELECTRONIC CIRCUITS
Analysis of the stability of electronic and transistor circuits. F.V.Zeliakh. Elektrosviaz' 14 no.7:47-59 Jl '60.
Generalized matrix theory of nonhomogeneous lines. A.I. Fel'dshtein. Radiotekhnika 15 no.6:10-17 Je '60
In reference to A.A.Kulikovskii's article "Determining the stability of transistor and vacuum tube circuits on the basis of the real component of the pole distance." Elektrosviaz' 14 no.6:71 Je '60.

ELECTRONIC CONTROL
Answers to readers' questions. Sel.i zhil.-stroi. no.7: 337 Jl '60.
Review of A.L.Ostrovskii's book "Telemechanization of electric drive controls". S.I.Pikman. Prom.energ. 15 no.5:61 My '60

ELECTRONIC DIGITAL COMPUTERS
Accumulation of errors in calculations with digital computers [with summary in English]. V.A.Brik. Avtom. i telem. 21 no.6:595-600 My '60.
Automatic computer of the amount of wood in cubic meters. M.A.Greditor, V.M.Ermolaev. Mekh.i avtom.proizv. 14 no.6:48-49 Je '60.
Automatic device for counting shakings and switching off molding machines. B.I.Alekseev, V.M.IAnkelevich. Mekh.i avtom.proizv. 14 no.6:37-39 Je '60.
Calculating transient processes of electric locomotive circuits on digital computers. A.L.Kurochka, M.I. Lurie. Izv.vys.ucheb.zav., elektromekh. 3 no.2: 38-51 '60.

[illegible] V.P. [illegible] Mekh.i avtom.proizv. 14 no.6:71-72 Je '60.
Simple method [illegible] no.2:154-156 Mr-Ap '60.

ELECTRONIC INSTRUMENTS
[illegible] Mr-Ap '60.
[illegible] A.V.[illegible] Mr-Ap '60.
Miniature [illegible] V.P. [illegible] Jl '60.
New [illegible] Jl '60.
[illegible] Mr-Ap '60.

ELECTRONIC [illegible]
[illegible] '60.

ELECTRONIC MEASUREMENTS
[illegible] Jl '60.
Device for [illegible] V.A.[illegible] Je '60.
[illegible]
[illegible] Ap '60.
New [illegible] Jl '60.
[illegible] V.I.[illegible] Jl '60.
[illegible] Je '60.
[illegible] Je '60.
[illegible] Ap '60.

ELECTRONIC MEASUREMENTS—EXHIBITIONS
[illegible] '60.

ELECTRONIC [illegible]
[illegible] '60.

ELECTRONICS
(see also [illegible])
[illegible] 1960. 415 p.
[illegible]
V.1. [illegible] 1960. [illegible]

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—[illegible]
[illegible] Jl '60.
[illegible] A.V.[illegible] Jl '60.

ELECTRONICS IN AERONAUTICS
[illegible] My-Je '60.
[illegible] V.A.[illegible] My-Je '60.

ELECTRONICS IN MEDICINE
K[illegible], P.G. [illegible] 1960. 125 p.
Radio amateurs have restored his voice. V.[illegible] Radio no.7:17 Jl '60.

ELECTRONICS IN NAVIGATION

Through the pages of foreign magazines. Radio no. 7:61 Jl '60.

ELECTRONICS INDUSTRY see subdivision under United States

ELECTRONICS INDUSTRY—QUALITY CONTROL

Consumers report on reliability. R. Svoren' and others. Radio no. 7:42-43 Jl '60.

Reliability is the most important factor in the progress of electronics. A. I. Berg. Radio no. 7-39-41 Jl '60.

ELECTRONS

Adiabatic theory of electron processes in solutions V G. Levich, R. R. Dogonadze Dokl AN SSSR 133 no 1 159-161 Jl '60.

Angular correlation of gamma quanta produced by the annihilation of positrons and electrons in bismuth L IA. Dekhtiar, V. S. Mikhalenkov Dokl AN SSSR 133 no 1 60-63 Jl '60

Connection between the polarization of β-electrons and the form of the β-spectrum [with summary in English] B. V. Geshkenbein, A. P. Rudik. Zhur. eksp. i teor. fiz. 38 no. 6:1894-1895 Je '60.

Dispersion at very high densities and temperatures of the medium [with summary in English] G. S Saakian. Zhur. eksp i teor. fiz 38 no. 3 843-849 Mr '60

Effect of deformation of the nucleus on the electron wave functions Application to β-decay [with summary in English] R Vainer, Kh. IUsim. Zhur eksp i teor fiz 38 no. 3 870-876 Mr '60.

Effect of electron bombardment on the decay of cementite and the graphitization of white cast iron. I. M. Pronman, V. A. Shalashov, A. Kh. Breger. Dokl. AN SSSR 133 no. 4:825-828 Ag '60.

Experimental studies of the compression of a cluster of electrons in a 280 Mev synchrotron. A. G. Ershov, and others. Dokl. AN SSSR 133 no. 3:554-557 Jl '60.

H. A. Lorentz, creator of the electron theory. U. I. Frankfurt. Vop. ist. est. i tekh. no. 9:83-90 '60.

Indirect interaction of d-electrons of the transition metals Part 2. Antiferromagnetism [with summary in English]. R. V. Karpenko, A. A Berdyshev. Zhur. eksp. i teor. fiz. 38 no 3 924-928 Mr '60

Influence of ionizing radiation on the oxidation kinetics and ignition of butane [with summary in English]. N. A. Slavinskaia and others. Zhur. fiz. khim. 34 no. 6: 1169-1175 Je '60.

Injection in the microtron. B. Z. Kantor. Izv. vys. ucheb. zav.; fiz. no. 3.138-141 '60.

Interaction of an electron, moving in a magnetic field, with a vacuum. V. S. Tumanov. Izv. vys. ucheb. zav.; fiz. no. 3:112-116 '60.

Investigation of fast electrons in strong pulsed discharges [with summary in English]. N. G. Koval'skii, I M. Podgornyi. M. M. Stepanenko. Zhur eksp i teor. fiz. 38 no. 5 1430-1445 My '60

Investigation of the polarization of internal conversion electrons following β⁻-decay of heavy elements [with summary in English]. M. E. Vishnevskii and others. Zhur. eksp i teor. fiz 38 no. 5.1424-1429 My '60.

Nonradiative conversion of μ-mesons into an electron. I S Shapiro. Zhur. eksp. i teor. fiz 38 no 5.1646-1647 My '60.

Polarization of β-electrons from oriented RaE [with summary in English]. A Z. Dolginov, N. P. Popov Zhur. eksp. i teor. fiz. 38 no. 5 1510-1524 My '60.

Quantum analog of the collision integral for electrons in magnetic and electric fields [with summary in English]. A. M. Kosevich, V. V. Andreev. Zhur. eksp. i teor. fiz 38 no. 3 882-888 Mr '60.

Signal generation in an image iconoscope with dot trace scanning. L. I Khromov. Radiotekhnika 15 no. 6:45-50 Je '60.

Single-photon annihilation and formation of electron pairs in a medium [with summary in English]. G. S. Saakian. Zhur. eksp. i teor. fiz. 38 no. 5 1593-1596 My '60.

Sources of the electron theory. V. M. Dukov. Vop. ist. est. i tekh. no. 9:71-77 '60.

Studying the relationship of intensities of the polarized components of radiation emitted by a "luminous" electron. F. A. Korolev, O. F. Kulikov. Opt. i spektr. 8 no. 1:3-7 Ja '60.

Transfer of the electron excitation energy with the aid of the mechanism of virtual excitons. V. M. Agranovich. Opt. i spektr. 9 no. 1:113-116 Jl '60.

Using quantum field theory methods for the investigation of the thermodynamic properties of electron and photon gases [with summary in English]. I. A. Akhiezer, S. V. Peletminskii. Zhur. eksp. i teor. fiz. 38 no. 6:1829-1839 Je '60.

Variational principle for the calculation of the correction to the energy of an electron in a molecule, quadratic with respect to the magnetic field strength [with summary in English] T. K. Rebane. Zhur. eksp. i teor. fiz. 38 no. 3 963-965 Mr '60.

Yield of photoneutrons emitted from lead under the action of electrons with energies from 10. 5 to 20 5 Mev (thick absorber method) [with summary in English]. V. M. Grizhko and others. Zhur. eksp. i teor fiz. 38 no. 5 1370-1373 My '60.

ELECTRONS—EMISSION

Effect of volume charge of the electrostatic emission of electrons from a metal. A. S. Kompaneets. Trudy SAGU no. 148:117-125 '59.

ELECTRONS—SCATTERING

Investigating the spectrum of energy losses of electrons in NaCl and KCl. A. IA. Viatskin, IU. D. Korniushkin. Izv. vys. ucheb. zav., fiz. no. 3 56-62 '60.

Polarization of electrons in elastic scattering taking the finite size of the nucleus into account [with summary in English]. B. K. Kerimov, V. M. Arutiunian. Zhur. eksp. i teor. fiz. 38 no. 6 1798-1802 Je '60.

ELECTROPHORESIS

Determination of the charge sign of colloidal particles in coagulated systems by means of a pH-meter [with summary in English]. E. A. Levitskii. Koll. zhur. 22 no. 3:382-383 My-Je '60.

Tuberculin therapy by means of electrophoresis. Z. M. Orlova Pat, klin i terap tub no 8.148-151 '58

ELECTROPHYSIOLOGY

Biopotentials of the rabbit's cerebral cortex recorded by means of a direct current amplifier. T. B. Shvets. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:101-114 '60.

Changes in the electrical potential along a nerve following the formation in it of a focus of alteration by pressure. Preliminary report. T. B. Shvets. Trudy Inst. vys nerv. deiat. Ser. fiziol. 4.91-100 '60.

Depression of electrotonic potentials of the anterior roots by an inhibitory volley [with summary in English]. T. M. Mamonets'. Fiziol. zhur. [Ukr.] 6 no. 2 173-180 '60.

Effect of electric polarization of the spinal cord on the electrotonic potentials of its ventral roots [with summary in English]. I. P. Semeniutin. Fiziol zhur. [Ukr.] 6 no 3 311-320 My-Je '60.

Effect of temperature on rapid and slow potentials of rhythmically active muscle fibers in intra-cellular leads [with summary in English] A I. Shapovalov Biofizika 5 no. 3·270-278 '60.

Slow changes in the potentials of the cerebral cortex of a rabbit under the influence of pressure on the cortical end of the motor analysor. T. B. Shvets. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4·115-125 '60.

*Sorption theory of cellular permeability and the pre*existence of rest potentials [with summary in English] G. A. Kurella Biofizika 5 no 3:260-269 '60

Variation of the alpha-rhythm and reactivity of the cerebral cortex during prolonged static efforts [with summary in English]. V A. Hmyria-Novi Fiziol zhur. [Ukr.] 6 no 4 459-469 Jl-Ag '60

ELECTROPHYSIOLOGY OF PLANTS

Indication of the molecular structure and ionic state of plant tissues by reverse current [with summary in English]. I. Z. Lazarev. Zhur. ob. biol. 21 no. 3.213-220 My-Je '60.

Role of electric potential differences in the transport of phosphorus (P^{32}) in onion roots. N. A. Gorianov Biofizika 5 no. 3:304-307 '60.

ELECTROPLATING

Cathodic polarization in the electrodeposition of a copper-nickel alloy [with summary in English]. N. V. Korovin. Zhur. fiz. khim. 34 no. 6·1351-1356 Je '60.

Determination of the condition of metal surfaces before electroplating. A. M. IAmpol'skii. Zhur prikl. khim 33 no. 7·1567-1572 Jl '60

Local electroplating. M. V. Sushkevich. Mashinostroitel' no. 7:18-19 Jl '60.

Role of passivation in the process of electrodeposition of metals [with summary in English]. A. T. Vagramian and others. Zhur. fiz. khim. 34 no. 6:1255-1259 Je '60.

Simultaneous discharge of a metal and hydrogen. B. I. Skirstymonskaia, M. F. Lantratov. Zhur. prikl. khim. 33 no. 5 1128-1133 My '60.

ELECTRORETINOGRAPHY

Analysis of potential and current distribution in the retina during stimulation by light. Report No. 2 Passive distribution of potentials and currents in the retina as a volume conductor [with summary in English]. A. L. Byzov. Biofizika 5 no. 3 284-292 '60.

ELECTRORETINOGRAPHY—CONGRESSES

International symposium on electroretinography in Czechoslovakia. G. G. Demirchoglian. Biofizika 5 no. 3:382-384 '60.

Symposium on electroretinography in Czechoslovakia. G. G. Demirchoglian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1·103-106 Ja '60.

ELECTROTHERAPEUTICS

Electroconvulsive therapy and coronary blood circulation. G. L. Frenkel'. Sov. zdrav. Kirg. no. 1:18-22 Ja-F '58.

Ultrahigh-frequency therapy in some diseases of the peripheral nervous system. Kaz. med. zhur. 40 no. 5: 63-65 S-O '59.

Use of ultrahigh-frequency and ozocarite in obliterating endarteritis. B. Z. Vengerov. Voen.-med. zhur. no. 6: 48-49 Je '60.

ELECTROTYPING

Electrochemistry of books and magazines. R. Podol'nyi. Znan. sila 35 no. 6:28-29 Je '60.

ELEGIAC POETRY, SUMERIAN

Kramer, Samuel Noah. [Two elegies on a Pushkin Museum tablet; a new Sumerian literary genre. Preface by V. V. Struve and L. A. Lipin] Dve elegii na tablichke Muzeia im. A. S. Pushkina; novyi shumerskii literaturnyi zhanr. Moskva, Izd-vo vostochnoi lit-ry, 1960. 73 p. [Parallel texts in Russian and English]

ELEVATORS—STANDARDS

Freight elevators with a built-in monorail. T. M. Mustnian Standartizatsiia 24 no. 6·54 Je '60.

ELIOT, GEORGE, pseud, 1819-1880

Characteristics of the literary method of George Eliot. M. A. Gritchuk. Uch. zap. Kaf zarub. lit. MGPI no. 4 51-65 '59.

ELIOT, THOMAS STEARNS, 1888-

Survey of the foreign press. Inostr. lit. no. 7·216-224 Jl '60

ELISTA REGION—ALKALI LANDS

Soil salinization by deposition of salt dust from the atmosphere in the Elista region [with summary in English]. V. S. Shumakov, A. I. Mikhovich Pochvovedenie no 7:112-113 '60.

EMBANKMENTS—MAINTENANCE AND REPAIR

Remedial treatment of embankments. P. F. Volkov, D. A. Sidorov. Put' i put. khoz. 4 no. 6·19 Je '60.

EMBRYOLOGY

Effect of nutritional changes in the maternal organism on the embryogenesis of progeny. IU. A. Magakian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1:41-54 Ja '60.

Some problems concerning the effect of ionizing radiation on embryogenesis. A. A. Neifakh. Biul. MOIP. Otd. biol. *65 no. 3 140-141 My-Je* '60.

EMBRYOLOGY—AMPHIBIA

Experiments on the effect of Co, Mn, and I on embryogenesis in fishes and amphibians. A. Turdakov, K. Ozarovskaia. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 4·81-96 '59.

EMBRYOLOGY—FISHES

Chemical interaction of germ cells in two fish species. F. A. Turdakov, S. Luksht. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 4·67-79 '59.

Experiments on the effect of Co, Mn, and I on embryogenesis in fishes and amphibians. A. Turdakov, K. Ozarovskaia. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 4·81-96 '59.

Parthenogenesis and other developmental characteristics of Leuciscus bergi Kaschkarov in Lake Issyk-Kul'. F. A. Turdakov, A. F. Turdakov. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 4;3-44 '59.

EMBRYOLOGY—MAMMALS

Some data on the development of the fetus of saigas I. A. Chagirov, L. D Litvinova. Trudy Inst zool. AN Kazakh SSR 13;111-124 '60.

EMERY see subdivision under Transcarpathia

EMIGRATION AND IMMIGRATION

Lament from "paradise." M. Barykin. Ogonek 38 no 33· 2-3 Ag '60.

EMOTIONS

Influence of the emotions on muscular capacity. A. K. Poplavskii. Vrach. delo no. 6:609-611 Je '60.

Significance of emotional influences on blood circulation in hypertension. P. V. Bulanov. Voen.-med. zhur. no. 5:81-83 My '60.

EMPLOYEE VACATIONS see also subdivision 'Vacations, Employee' under Oka Valley

EMPLOYEES, DISMISSAL OF

Alarming figures. M. Kopylovskaia. Sov. iust. no. 7: 12-14 Jl '60.

Questions and answers. K. Kostin, V Korotkov Okhr truda i sots. strakh 3 no. 3,67-68 Mr '60.

EMPLOYEES, RELOCATION OF

Some problems in the legal regulation of transfers to other posts. B. Bazarbaev. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 1:32-46 '60.

EMPLOYEES, TRAINING OF

Pisakin, N. N., and others. [Planning perspectus for training personnel in an industrial enterprise] Perspektivnoe planirovanie podgotovki kadrov promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1960. 38 p. (Izuchaiushchim ekonomiku promyshlennosti)

EMPLOYERS' LIABILITY

Liability for the violation of labor laws. M. Erokhin, V. Kirina, A. Shlemin. Sots. zakon. 37 no. 6:37-39 Je '60.

ENAMEL, DENTAL

Magnesium content of the enamel of sound teeth, teeth in the initial stages of carious process, and of carious teeth. N V. Nikolaeva. Zdrav Belor 4 no. 3·39-40 Mr '58.

ENAMEL AND ENAMELING

(see also subdivision under Moscow)

Production of hammer mark enamels I A Zubkov Plast. massy no. 5 40-41 '60.

ENCEPHALITIS
(see also subdivision under East Kazakhstan Province; Perm Province; Siberia, Western)

Establishing types of foci of tick-borne encephalitis. P.A.Petrishcheva. Trudy Inst.zool.AN Kazakh.SSR 12:15-22 '60.

ENCEPHALOGRAPHY

Additional material on the trace reactions to a weight stimulus based on electroencephalographic data. M.P. Ivanova. Dokl.APN no.4:105-108 '59.

ENCEPHALOMYELITIS

Interrelation of multiple sclerosis and acute disseminated encephalomyelitis [with summary in English]. N.B. Man'kovskii, I.B. Vatnshtok. Vrach.delo no.6:561-566 Je '60.

ENDOCARDITIS

Difficulties in the diagnosis of endocarditis combined with cerebral pathology. A.G.Kulikovskii. Vrach.delo no.6:633 Je '60.

Use of fluctuations in the level of the sulfhydryl groups of blood proteins for the differential diagnosis between rheumatic and lingering septic endocarditis. I.I. Pakhotinkovskii. Vrach.delo no.6:637-640 Je '60.

ENDOCRINE GLANDS--BLOOD SUPPLY

"Some peculiarities in the anatomy of the blood vessels of the branchiogenous endocrine glands." Edited by M.G. Prives. Reviewed by V.V.Ginzburg. Arkh.anat.gist. i embr. 38 no.1:110 Ja '60.

ENDOCRINE GLANDS--DISEASES

Disturbances of the endocrine metabolism in tumors of the spinal cord. S.A.Grinberg. Kaz.med.zhur. 40 no.5:41-45 S-O '59.

Nervous and endocrine disorders in the clinical aspects of tuberculous meningitis in adults. R.I.Leon. Pat., klin.i terap.tub. no.8:61-66 '59.

ENDOSPERM

Concentration of carotenoid pigments in the endosperm of wheat kernels depending on the variety and growing conditions. M.N.Babaian. Izv.AN Arm.SSR.Ser.biol.i med.nauk no.5:69-75 '60.

Development of endosperm in flint corn. E.A.Palamarchuk. Vest.Mosk.un.Ser.6: Biol., pochv. 15 no.3:17-24 My-Je '60.

ENESCO, GEORGES, 1881-1955

Thoughts on Enesco. D.Rabin. Sov.muz. 24 no.7:171-176 Jl '60.

ENGELS, FRIEDRICH, 1820-1895

"Friedrich Engels during his youth" by M.V.Serebriakov. Reviewed by K.L.Seleznev. Nov.i noveish.ist. no.3:177-180 '60.

Marx, Karl, and Friedrich Engels. [Karl Marx and Friedrich Engels on trade unions] K.Marks i F.Engel's o profsoiuzakh. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 357 p.

"Nauchno-informatsionnyi biulleten'" of the section on the works of Karl Marx and F.Engels of the Institute of Marxism and Leninism attached to the Central Committee of the C.P.S.U. V.A.Smirnova. Vop.ist.KPSS 4 no.1:220-222 '60.

"Summary of the 'Correspondence between Friedrich Engels and Karl Marx, 1844-1883'" by V.I.Lenin. Reviewed by A.G.Khomenko. Nov.i noveish.ist. no.3:175-177 '60.

ENGELS--PENSIONERS

Legal help to pensioners free of charge. M.[illegible]. Sots.obesp. 21 no.5:46 My '60.

ENGINEERING--BIBLIOGRAPHY see Bibliography--Engineering

ENGINEERING--PERIODICALS

In the Scientific Technological Society of the Machinery Industry. Vest.mash. 40 no.7:93 Jl '60.

ENGINEERING--TOOLS AND IMPLEMENTS

Novikov, M.P. [Fundamentals of designing assembling devices] Osnovy konstruirovaniia sborochnykh prisposoblenii. Izd.3., perer.i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 351 p.

ENGINEERING LABORATORIES

Afanas'ev, A.M., and V.A.Mar'in. [Laboratory work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 202 p.

Organizing the work in a central laboratory of a machinery construction plant. L.M.Skvortsov. Zav.lab. 26 no.7:904-906 '60.

ENGINEERING MODELS

Method of determining the minimum number of inverters in analog systems. P.A.Trevogin. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.3:176-180 My-Je '60.

ENGINEERING STANDARDS see Standards, Engineering

ENGLISH CHANNEL--TUNNELS

Tunnel under the English Channel. Michel Rouzé. V zashch.mira no.7:38-47 Je '60.

Two tunnels. V.Klimova. Tekh.mol. 28 no.5:25-26 '60.

ENGLISH LANGUAGE--DICTIONARIES--RUSSIAN

English-Russian dictionary of cartography, geodesy, and aerophotographic topographical surveying. K.F.Nekrasova. Geod.i kart. no.6:71 Jl '60.

German-Prozorova, L.P., and N.V. Vinogradova, comps. [English-Russian radio engineering dictionary] Anglo-russkii radiotekhnicheskii slovar'. Pod obshchei red. V.I.Krotkova. Red.kollegiia: M.P. Gon[illegible]. Moskva, Glav.red.inostr.nauchno-tekhn.slovarei, 1960. 531 p.

Izrailevich, E.E. [English-Russian general economic and foreign trade dictionary] Anglo-russkii obshcheekonomicheskii i vneshnetorgovyi slovar'. Izd.2., stereotipnoe. Moskva, Vneshtorgizdat, 1960. 511 p.

ENGLISH LANGUAGE--PREPOSITIONS

Combination characteristics of prepositions in the English language. A.G.Ellarova. Vest.Mosk.un.Ser.7: Filol., zhur. no.1:47-50 '60.

ENGRAVING MACHINES

Using the "EGA" engraving machine in making duplex autotypes. V.I.Novichkov. Poligr.proizv. no.5:30 My '60.

ENGURE, LAKE

Geomorphological and hydrological studies on the Engure Lake, Latvian S.S.R. in the middle of the 19th century and its significance for our knowledge of the development of lake shores and reservoirs. S.D.Vradlov. Izv.AN SSSR.Ser.geog. no.4:113-116 Jl-Ag '60.

ENOLS

Some properties of enol acetates. Part 5. Vinylation of carbonyl compounds. I.V.Machinskaia, V.A.Barkhash, A.T.Prudchenko. Zhur.ob.khim. 30 no.7:2197-2203 Jl '60.

Some properties of enol acetates. Part 6. Bromo substituted enol acetates in the Wurtz-Grignard reaction. I.V.Machinskaia, V.A.Barkhash, A.T.Prudchenko. Zhur.ob.khim. 30 no.7:2203-2206 Jl '60.

ENRIQUEZ, CAMILO

Manuscript of a fighter for freedom. Pablo Neruda. Ogonek 38 no.[illegible] Je '60.

ENSEMBLES (MUSIC) see subdivision under Moscow

ENSILAGE see subdivision under Kazakhstan

ENTHALPY

Calorimeter for measuring the enthalpy of decomposition of solids [with summary in English]. A.I.[illegible], N.M.Petvalova, S.M.Skuratov. Zhur.fiz.khim. 34 no.5:1111-1114 My '60.

Standard enthalpy of formation of carbon tetrafluoride. A.F.Vorob'ev, S.M.Skuratov. Zhur.neorg.khim. 5 no.7:1398-1400 Jl '60.

ENTROPY

Thermodynamic low-temperature studies. Part 6. Heat capacity of cadmium bromide between 15 and 300°K. Enthalpy and entropy of $CdBr_2$ at 298.15°K [with summary in English]. I.E.Paukov, P.G.Strelkov. Zhur.fiz.khim. 34 no.6:1191-1195 Je '60.

ENVIRONMENT see Adaptation (Biology)

ENZYMES

Active enzyme preparation from swine pancreas for splitting protein. T.I.Golubev. Lab.delo 6 no.3:39-44 My-Je '60.

Activity of enzymes in Solonchak soils. A.Sh.Galstian. Dokl.AN Arm.SSR 30 no.1:61-63 '60.

Activity of the amylase and catalase of the blood in cancer patients. E.A.Sel'kov. Trudy LIETIN 2:326-331 '59.

Condition of the enzyme system in peptic ulcer patients. Sh.I.Ellerman. Vrach.delo no.6:647 Je '60.

Effect of enzymatic preparations of molds on the elastic resilient viscous properties of hydrated protein and starch mixtures. N.A.Nikolaev, S.S.Shkodina. Dokl.AN SSSR 133 no.4:883-886 Ag '60.

Influence of the addition of various substrates on muscular tissue respiration following the application and removal of a tourniquet. T.IA.Balaba. Uch.zap. 2-go MGMI 17:21-48 '59.

New preparations for the resorption of scars. G.I.[illegible]. Med.sestra 19 no.8:30 Ag '60.

On the mechanism of catalysis. Part 3 [with summary in English]. N.I.Kobozev. Zhur.fiz.khim. 34 no.7:1443-1459 Jl '60.

Purification and concentration of antiplague sera by use of enzymatic digestion. P.A.Shcherbakov and others. Izv.Irk.gos.nauch.-issl.protivochum.inst. 14:181-187 '57.

Some glycolytic enzymes in the blood serum of children with Botkin's disease. R.F.Zaretskii. Vop.okh.mat.i det. 5 no.1:40-43 My-Je '60.

Varying activity of the enzyme systems participating in the biosynthesis of ascorbic acid in plants. V.A. Devlatnin. Trudy VNIVI 6:190-193 '59.

EPIC POETRY, KIRGHIZ

Kydyrbaeva, R.Z. [Ideological and literary features of the epic "Sarinzhi-Boke"] Ideino-khudozhestvennye osobennosti eposa "Sarinzhi-Boke". Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1959. 40 p.

EPIDEMIOLOGY

Conference of the Perm Scientific Research Institute of Epidemiology and Hygiene. V.N.Kovalev. [illegible]

In the name of life ("Notes of a Soviet doctor") by G.M. Vainshtein. [illegible]

EPIDEMIOLOGY--CONGRESSES

International symposium on epidemiology. I.I.Rogozin. [illegible] no.6:94-96 Je '60.

EPIDERMIS

Structure of the epidermis in representatives of the family Hamamelidaceae. N.I.[illegible]. Bot.zhur. 45 no.5:712-717 My '60.

EPIDIDYMIS--INNERVATION

[illegible]

EPIGLOTTIS--INNERVATION

[illegible]

EPILEPSY

[illegible]

Dynamics of the [illegible] of the field of vision of colored objects in epileptics. V.P.Mikhailova-Lukasheva. [illegible]

[illegible]

EPITHELIUM--REGENERATION

[illegible]

EPOXY RESINS

[illegible]

EQUATION OF STATE

[illegible]

EQUATIONS

[illegible]

EQUATIONS, DIFFERENTIAL see Differential equations

EQUATIONS, INTEGRAL see Integral equations

EQUATIONS, THEORY OF

[illegible]

EREMURUS see subdivision under [illegible]

ERGOSTEROL

[illegible]

[illegible] VNIVI [illegible]

ERGOTOXIN

[illegible]

ERIVAN. ECONOMIC[illegible]--STUDY AND TEACHING

[illegible]

ERIVAN—POSTAL SERVICE—ACCOUNTING
Business accountability at the Erivan post office. G.A. Babaian. Vest.sviazi 20 no.4:19-20 Ap '60.

ERIVAN—REVOLUTION, 1917-1921
Strike at the Erivan high school. S.A. Vartanian. Izv. AN Arm.SSR.Obshchestv.nauki no.4:83-90 Ap '60.

ERIVAN—SPORTS
Where there is a will there is a way. A. Shakin. Smena 37 no.10 12-13 My '60

ERIVAN—STRIKES AND LOCKOUTS—SCHOOLS
Strike at the Erivan high school. S.A. Vartanian. Izv. AN Arm.SSR.Obshchestv.nauki no.4:83-90 Ap '60.

ERIVAN—THEATER
"Our son." A. Svobodin. Teatr 21 no.8:113-114 Ag '60.

EROSION
(see also subdivision under Kazakhstan; Kuban Valley; Siberia; Vytegra Valley)
Development of erosion gullies in natural zones of the U.S.S.R. B.F. Kosov. Vop.geog no.48:256-274 '60
Geomorphological method of studying tectonic fractures. Z.N. Baramuvskaia. Trudy Gidroproekta 3:290-320 '60
Investigating the erosion of cohesive grounds. K.V. Maleev, Shao Hsin-yung. Trudy MIIT no.107:84-94 '60
Method of calculating cohesive forces in estimating the erosion resistance of cohesive soils. TS.E. Mirtskhulava. Meteor.i gidrol. no.7:30-32 Jl '60.
Soil erosion in the agricultural zone of the Shamkhorchay Basin [in Azerbaijani with summary in Russian]. G.K. Gasanov. Izv. AN Azerb.SSR.Ser.biol.i med.nauk no.3:131-140 '60.
Surface runoff and erosion. A.A. Troitskii. Trudy SIMSKHI no.14:27-41 '60.
Use of rigid models in studying deformations of river channels. A.D. Khalturin, I.A. Kuz'min. Trudy Gidroproekta 2:37-60 '59

EROSION CONTROL see Soil conservation

ERYSIPELOID
Generalized form of erysipeloid. E.IA. Latsinik, E.M. Tikhon'kova. Vrach.delo no.7:130-131 Jl '60.
Study of the possibility of the preservation and transmission by fleas of the causative agent of erysipeloid. V.IA. Golovacheva. Izv.Irk.gos.nauch.-issl.protivochum.inst. 17:153-160 '58.

ERYTHREMIA
Nervous system in erythremia and its changes under the influence of radiophosphorus treatment. A.E. Dubovaia. Vrach.delo no.7:64-69 Jl '60.
Treatment of erythremia with radioactive phosphorus P32. I.I. Popova, I.S. Siparova. Zdrav.Belor. 4 no.3:60 Mr '58

ERYTHROCYTES
Antigenic differences between normal erythrocytes and erythrocytes of patients with some neoplasms [with summary in English]. F. Lacour and others. Pat.fiziol.i eksp.terap. 4 no.3:39-42 My-Je '60.
Changes in the color of Peking ducks resulting from the injection of isolated erythrocyte nuclei taken from ducks of a different species. A.A. Chilingarian, E.F. Pavlov. Izv.AN Arm.SSR.Biol.nauki 13 no.1:33-40 Ja '60.
Correlation between the average diameter of erythrocytes and the percentage of macrocytes. E.I. Apranovich, E.N. Zorkal'tseva, N.A. Bulgakova. Lab.delo 6 no.3:10-12 My-Je '60.
Determining the average longevity of erythrocytes entering the blood and circulating in it [with summary in English]. E.N. Mostagina. Biofizika 5 no.3:318-320 '60.
Diagnostic significance of the fractional erythrocyte sedimentation rate in rheumatic fever. V.N. TSvetkovskii. Voen.-med.zhur. no.6:83 Je '60.
Influence of the serum of healthy and anemic subjects on erythropoiesis. Report no.2: Nature and mechanism of the erythropoietic action of serum [with summary in English]. S.IU. Shekhter. Biul.eksp.biol.i med. 49 no.1:39-42 Ja '60.

ERYTHROMYCIN
Influence of the temperature of fermentation on the biosynthesis of erythromycin [with summary in English]. S.I. Brinberg. Antibiotiki 5 no.1:47-52 Ja-F '60.

ESCHERICHIA COLI
Role of inflammation in the barrier function of the lymph nodes [with summary in English]. N.V. Medunitsyn. Biul.eksp.biol.i med. 49 no.1:49-53 Ja '60.

ESENIN, SERGEI ALEKSANDROVICH, 1895-1925
Kulinich, A.V. [Sergei Esenin; an account of his life and works] Sergei Esenin; kritiko-biograficheskii ocherk. [Kiev] Izd-vo Kievskogo univ., 1959. 93 p.
(CU)

ESKIMOS—ANTIQUITIES
"Nykshak", a hook for the retrieving small pieces at whale cutting. D. Sergeev. Krat.soob.Inst.etn. no.33:82-83 '60.

ESOPHAGOJEJUNOSTOMY
Assimilation of foods following the formation of an artificial esophagus according to the Roux-Herzen method as modified by S.S. IUdin. IA.P. Vargatyi. Vrach.delo no.6:639-641 Je '60.

ESOPHAGUS—FOREIGN BODIES
Perforation of the esophagus by a foreign body with its complete egress into the soft tissue of the neck. V.A. Vorob'ev. Zdrav.Belor. 4 no.3:58-59 Mr '58

ESPIONAGE
Minaev, V.N. [Mystery becomes known] Tainoe stanovitsia iavnym. Moskva, Voen. Izd-vo M-va obor.SSSR, 1960. 327 p.
Secret agents against secret weapons (conclusion) Jacques Bergier. Translated from the French by Evg. Zagorianskii. Moskva 4 no.7:152-176 '60.

ESPIONAGE, AMERICAN
Aggressors cannot evade responsibility. Sots.zakon. 37 no.6:3-6 Je '60.
"Aggressors must be exposed to public scorn." Book review. Polit.samoobr. 4 no.6:120-121 Je '60
Call the provocateurs to account. Nov.vrem. 18 no.29:1-2 Jl '60
The center of attention of the world world, foreign comments on the session of the Supreme Soviet of the U.S.S.R. Blok.agit [Ukr.] no.14:59-61 My '60
England for Englishmen. Koni Zilliacus. Ogonek 38 no.29:6 Jl '60.
The forces of peace will win! Ukraina no.11:1 Je '60
Genuine morals and sham morals. Nauka i rel. no.7:3-6 Jl '60.
Gravediggers of hopes. Ogonek 38 no.23:5 Je '60
Guilty without extenuating circumstances ("They shall be called to account, facts about the treacherous policy of America's ruling circles" by M.A. Kharlamov. Reviewed by N. Osipenko). Nov.vrem. 18 no.31:30-31 Jl '60.
In the Sverdlovsk area. L. Ladeishchikov. Sov.pech. no.7:21-22 Jl '60.
The last straw. Pierre Cot. V zashch.mira no.7:2-7 Je '60.
A letter of an American journalist. Thomas G. Buchanan. V zashch.mira no.7:12 Je '60.
The most flagrant violation of international law. Sov.gos. i pravo no.7:35-44 Jl '60.
Most important events in brief. Sem'ia i shkola 15 no.6:3 Je '60.
Nazarov, O.A., and M.F. Rebrov. [This is how the spy was shot down] Tak byl sbit shpion. Moskva, Izd-vo "Znanie," 1960. 57 p.
Only the truth attracts. Vsevolod Kochetov. Ogonek 38 no.22:8 My '60
A setback for the aggressive policy of imperialists. Kommunist 37 no.12:3-5 Ag '60
Soldiers of peace are on guard! A. Zharov. Sov.voin 42 no.10:2 My '60.
To the pillory! Agitator no.10:11-13 My '60.
U-2, RB-47, and United States foreign policy. I. Mikuson. Mezhdunar.zhizn' 7 no.8:30-38 Ag '60
Unsuccessful provocations. V. Tuliakov. Mezhdunar.zhizn' 7 no.8:130 Ag '60.

ESSENCES AND ESSENTIAL OILS
Processing by-products of the wine industry at essential oil mills. N.I. Razuvaev, S.T. Ogorodnik, A.I. Fadeev. Masl.-zhir.prom. 26 no.7:32-34 Jl '60.

ESTERIFICATION
Interesterification of fats. P.A. Artamonov. Zhur.prikl.khim. 33 no.7:1449-1465 Jl '60

ESTERS
Synthesis of herbicides. Report No.4: Catalytic action of organic bases on the formation of esters. V.V. Dovlatian, T.O. Chakrian. Izv. AN Arm. SSR.Khim.nauki 12 no.6:417-423 '59.
Synthesis of some new unsaturated esters. M.T. Dangian, S.V. Arakelian. Izv.AN Arm.SSR Khim.nauki 13 no.1:51-53 '60.

ESTONIA—ARCHITECTURE, DOMESTIC
Estonian architects in the struggle for the fulfillment of the program of the seven-year plan. Kh. Arman, M. Port. Arkhit.SSSR no.5:19-26 '60.

ESTONIA—CITY PLANNING
Estonian architects in the struggle for the fulfillment of the program of the seven-year plan. Kh. Arman, M. Port. Arkhit.SSSR no.5:19-26 '60.

ESTONIA—FOREIGN RELATIONS
The revolutionary situation in Estonia on the eve of reestablishment of the Soviet regime in 1940. V.A. Maamiagi. Ist.arkh. 6 no.3:3-34 My-Je '60.

ESTONIA—INTELLECTUAL LIFE
A letter from Estonia. Paul Rummo. Kul't.i zhizn' 4 no.7:22-25 '60.

ESTONIA—INTERIOR DECORATION
"Art and home life" by Milvi Kartna-Alas. Ogonek 38 no.25:20-21 Je '60

ESTONIA—MOTION-PICTURE MUSIC
"The interlopers." M. IAkubov. Sov.muz. 24 no.6:119-120 Je '60

ESTONIA—OCCUPATIONS
Living in the light. N. Khrabrova. Ogonek 38 no.29:20-21 Jl '60

ESTONIA—POLITICS AND GOVERNMENT
The revolutionary situation in Estonia on the eve of reestablishment of the Soviet regime in 1940. V.A. Maamiagi. Ist.arkh. 6 no.3:3-34 My-Je '60.

ESTONIA—RAILROADS—MAINTENANCE AND REPAIR
Our practice in roadbed maintenance. R. Nukka. Put' i put.khoz. 4 no.7:18-19 Jl '60

ESTONIA—RECREATION
Great prospects. V. Vialias. Mol.komm. no.8:72-76 Ag '60.

ESTONIA—RELIGION
After all, they went to school together. Leo Kerge. Ogonek 38 no.29:22 Jl '60.

ESTONIA—REVOLUTION, 1917-1921
Sometimes it's better to have archival footnotes ("Bolshevik committees of war and the revolution." Reviewed by D. Rudnev). Polit.samoobr. 4 no.7:127-128 Jl '60.

ESTONIA—SHALE
Organizing boring and blasting operations in Estonian shale mines. A.M. Allik. Vzryv.delo no.44/1:173-178 '60.

ESTONIA—STATE FARMS
For a high profit from work of state farms in Estonia. N. Nikolaev. Ekon.sel'khoz. 31 no.6:109-111 Je '60

ESTONIA—STOCK AND STOCKBREEDING
We shall carry out the seven-year plan for meat production in four years. A. Muurisepp. Sov.deput.trud. no.7:39-43 Jl '60.

ESTONIAN LITERATURE—TRANSLATIONS INTO RUSSIAN—BIBLIOGRAPHY see Bibliography—Estonian literature—Translations into Russian

ESTONIAN POETRY—TRANSLATIONS INTO RUSSIAN
Nirk, E., and P. Rummo, comp. [Anthology of Estonian poetry] Antologiia estonskoi poezii. [Moskva] Gos. izd-vo khudozh. lit-ry [1959] 2 v.
(RPB)

ESTUARIES
Electric conductivity as a characteristic of physicochemical properties of sea and river waters and a method for determining their salinity. A.G. Ponsov. Trudy GOIN no.49:189-188 '60
Some characteristics of river bed evolution near the seashore. V.N. Mikhailov. Trudy GOIN no.49:98-110 '60
Use of hydrometeorological data in the design, construction, and operation of hydraulic and other structures in river estuaries and seashore areas. M.N. Kostianitsyn. Trudy GOIN no.49:198-215 '60.

ETHANE
High temperature pyrolysis of the ethane fraction in pipe furnaces. M.V. Khrulev, P.S. Kogan, L.A. Potolovskii. Khim.i tekh.topl.i masel 5 no.6:13-17 Je '60.
Kinetics and mechanism of cracking of paraffinic hydrocarbons. Influence of the heterogeneity factor on the kinetics and mechanism of cracking of ethane and propane [with summary in English]. Zhur.fiz.khim. 34 no.7:1488-1494 Jl '60.
Vapor pressure of three-component systems. Part 3: The system formic acid - 1,2-dichloroethane - water [with summary in English]. V.V. Udovenko, L.P. Aleksandrova. Zhur.fiz.khim. 34 no.6:1366-1372 Je '60.

ETHER
Preparation of β-chloroisopropyl ethyl ether from cracking-gas propylene by the vapor-phase method. A.K. Seleznev, I.G. Prigornev. Zhur.prikl.khim. 33 no.5:1187-1192 My '60.
Solubility in the system beryllium bromide dietherate - ether. N.IA. Turova, A.V. Novoselova, K.N. Semenenko. Zhur.neorg.khim. 5 no.4:941-944 Ap '60.

ETHER (ANESTHETIC)
Effect of hexenal and ether on the accommodation of the cerebral cortex and some parts of the brain stem to the rhythm of light stimuli [with summary in English]. O.M. Razumieiev. Fiziol.zhur.[Ukr.] 6 no.3:303-310 My-Je '60.

ETHICS
New book on the history of ethics ("From the history of doctrines of ethics" by A.F. Shishkin. Reviewed by I.B. Mindlin). Vest.AN SSSR 30 no.7:116-118 Jl '60.

Science and theology on the origin of morals. V. Zybkovets. Nauka i rel. no.7:40-51 Jl '60.

ETHICS, COMMUNIST see Communist Ethics

ETHIOPIA—DESCRIPTION AND TRAVEL
Through the Sudan and Ethiopia. M. S. IAkovlev, D. M. Shteinberg. Vest. AN SSSR 30 no.7:72-77 Jl '60.

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ALCOHOL
Differences in the oxidation mechanisms of ethyl alcohol in the liquid and gaseous phases. P. A. Blumberg and others. Dokl. AN SSSR 133 no.1:144-147 Jl '60.
Equilibrium in the system starch - alcohol-water mixture [with summary in English]. O. D. Kurilenko, E. A. IAkovkina. Koll. zhur. 22 no.3:282-287 My-Je '60.
Heat exchange with water and ethyl alcohol during natural convection near the critical point [with summary in English]. [illegible] A. Kazakova. Inzh.-fiz. zhur. no.6:3-8 Je '60.
Physicochemical analysis of systems formed by alcohols with organic acids. Part 3: System ethyl alcohol-chloroacetic acid [with summary in English]. Z. S. Drutman. Zhur. fiz. khim. 34 no.7:1581-1584 Jl '60.

ETHYL ALCOHOL—STANDARDS
Quality of synthetic ethyl alcohol. A. V. Sokolov. Standartizatsiia 24 no.6:34-36 Je '60.

ETHYLAMINE
Effect of lowered temperature on regeneration in amphibians and the resistance of the regenerate under these conditions to the cytostatic effect of novembichin and triethylenethiophosphamide. [illegible] Bul. MOIP. Otd. biol. 65 no.3:[illegible] My-Je '60.

ETHYLENE
Automatic control of the direct hydration of ethylene. V. V. Aronovich, R. S. Patoshinskaia. Khim. prom. [illegible] 143-147 Mr '60.
Catalytic polymerization of olefins. Report No.10: Effect of the temperature and contact time on the course of ethylene polymerization on nickel catalysts. IA. T. Eidus and others. Izv. AN SSSR. Otd. khim. nauk no.6:[illegible] Je '60.
Effect of selenium and tellurium on the catalytic action of silver in the oxidation of ethylene. V. P. Ostrovskii, N. V. Kul'kova, A. D. Nedbaeva. Dokl. AN SSSR 133 no.4:876-877 Ag '60.
Oxygen-initiated heterogeneous catalytic polymerization of ethylene in the presence of hydrogen. N. I. [illegible], IA. T. Eidus, V. R. [illegible]. Dokl. AN SSSR [illegible] 109-111 Jl '60.
Polymerization of ethylene on a chromium oxide catalyst. M. A. Dalin, I. IA. Veden[illegible]va, R. [illegible]. Dokl. AN SSSR 133 no.1:102-105 Jl '60.
Pyrolysis of direct benzene distillate into ethylene. S. D. Razumovskii, L. S. Semenova, [illegible]. Khim. prom. no.[illegible] 23 Ja [illegible] '60.
Reaction between halogens, nitric oxide, and polyfluorinated ethylenes in the ultraviolet. Synthesis and thermal decomposition of polyfluorinated aliphatic nitroso compounds. V. A. Ginsburg and others. Zhur. ob. khim. 30 no.7:2109-2115 Jl '60.
Reaction of nitrogen oxides with polyfluorinated ethylenes. Synthesis and reduction of polyfluorinated nitroso compounds. V. A. Ginsburg and others. Zhur. ob. khim. 30 no.7:2406-2409 Jl '60.
Reaction of tetrafluoroethylene with boron trichloride. Kh. R. Raver, A. B. Broker, L. Z. Sobinovskii. Zhur. ob. khim. 30 no.7:2360-2368 Jl '60.

ETHYLENE OXIDE
Determination of ethylene oxide in the air of production shops. E. Sh. Gronsberg. Khim. prom. [illegible] 102-104 Mr '60.

ETHYLENIMINE
Comparative mutagenic effect of ethylenimine, ultraviolet and X rays. S. I. Alikhanian, N. I. Zhdanova. Dokl. AN SSSR 133 no.2:454-456 Jl '60.

EUCOMMIA
Studying eucommia grown under new conditions. L. Bolosilidova. Vest. AN Kazakh. SSR 16 no.5:86-87 My '60.

EUDIOMETER
All-Union scientific technical conference on automatic audiometers. B. I. Rabinovich. Izm. tekh. no.7:57-58 Jl '60.

EUGENIA
Eugenia. B. M. Marinson. Priroda 49 no.7:110 Jl '60

EULAMELLIBRANCHIATA, FOSSIL see subdivision under Caspian Sea region

EULER, LEONARD, 1707-1783
"The Berlin and St. Petersburg Academies of Sciences in the correspondence of Leonard Euler" [in German]. Part 1. Reviewed by V. P. Zubov. Vop. ist. est. i tekh. no.9:183-184 '60.
Valuable beginnings. B. Pliadovs'kyi. Dop. AN URSR no.4:562-564 '60.

[illegible]
Barents Sea

EURASIA—GEOLOGY, STRATIGRAPHIC
Glacial marine sediments of northern Eurasia. G. I. Lazukov. Vest. Mosk. un. Ser. 5: Geog. 15 no.3:49-53 My-Je '60.

EURASIAN ART see Art, Eurasian

EUROPE—ECONOMIC CONDITIONS
Work results of the 15th session of the European Economic Commission. N. Rudnev. Vop. ekon. no.8:89-90 Ag '60

EUROPE—GEOLOGY, STRUCTURAL
Principal historical and structural features of western Eurasia. V. I. Ishchin. Biul. MOIP. Otd. geol. 35 no.[illegible] [illegible] Je-F '60.

EUROPE—GEOLOGY, STRUCTURAL—MAPS
Final meeting of the editorial board for the first international tectonic map of Europe. A. A. Bogdanov. Vest. AN SSSR 30 no.7:98 Jl '60.

EUROPE—MAMMALS
Mammals of Europe west of 40° E [in German] by F. H. van den Brink. Reviewed by N. N. Vorontsov. Biul. MOIP. Otd. biol. 65 no.1:[illegible] Ja-F '60.

EUROPE, EASTERN—AGRICULTURE
Second Interrepublic Conference on the Agrarian History of Eastern Europe. L. V. Tedovskaia. Ist. SSSR [illegible] 213-216 My-Je '60.

EUROPE, EASTERN—BONUS SYSTEM
The enterprise fund in European people's democracies. D. Bulakov. Fin. SSSR 21 no.5:88-91 My '60.

EUROPE, EASTERN—BUILDING MATERIALS
Expansion of the exchange of experience in producing building materials among socialist countries. [illegible] 6 no.5:17-18 My '60

EUROPE, EASTERN—EDUCATION—PERIODICALS
From the pages of foreign periodicals. IA. [illegible] Sov. pedag. 24 no.5:145-150 My '60

EUROPE, EASTERN—EXPLOSIVES
Characteristics of commercial explosives produced in certain People's Democracies. A. A. Pozharnova. Vzryv. delo no.44/1:61-77 '60.

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS
Economic relations of socialist countries ("Development of economic relations of the European people's democracies" by N. I. Ivanov. Reviewed by [illegible]). Vnesh. torg. 30 no.[illegible] 47-48 '60.

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT
The enterprise fund in European people's democracies. D. Bulakov. Fin. SSSR 21 no.5:88-91 My '60.

EUROPE, EASTERN—REGIONAL PLANNING
Development of regional planning in people's democracies. A. L. [illegible]. Vop. geog. [illegible] '60

EUROPE, EASTERN—SOILS
Gerasimov, I. P. [Soils of Central Europe and related physicogeographical problems] Pochvy Tsentral'noi Evropy i sviazannye s nimi voprosy fizicheskoi geografii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 141 p.

EUROPE, EASTERN—STATISTICS—PERIODICALS
New issues of statistical journals in the people's democracies. Vest. stat. no.7:65-66 '60

EUROPE, EASTERN—STONE AGE
Conference on the Principles of Periods and Stratigraphy of the Paleolithic in Eastern Europe. Sov. geol. 3 no.5:145-146 My '60
Decisions of the Conference on the Principles of Periods and Stratigraphy of the Paleolithic in Eastern Europe. Sov. geol. 3 no.5:146-147 My '60

EUROPE, EASTERN—TECHNICAL EDUCATION—PERIODICALS
In the periodicals of our friends. Sred. spets. obr. 7 no.6:58-59 Je '60.

EUROPE, WESTERN—AIRLINES
Rome-Paris. G. Pinakov. Grazhd. av. 17 no.5:28-29 My '60.

EUROPE, WESTERN—AUTOMATION
Mechanization and automation of the automobile industry in Western Europe. F. N. Kolesnikov. Biul. tekh.-ekon. inform. no.7:82-87 '60.

EUROPE, WESTERN—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS
Mechanization and automation of the automobile industry in Western Europe. F. N. Kolesnikov. Biul. tekh.-ekon. inform. no.7:82-87 '60.

EUROPE, WESTERN—CHRISTIANITY AND POLITICS
The moving forces of clericalism in Western Europe. A. Leonidov. Mir. ekon. i mezhdunar. otn. no.7:70-83 Jl '60.

[illegible]

EUROPE, WESTERN—COST AND STANDARD OF LIVING
[illegible]

EUROPE, WESTERN—[illegible]
Molchanov, N. N. [Western Europe: unity or separation?] [illegible] Moskva, Izd-vo [illegible] 1960. 46 p. [illegible]

EUROPE, WESTERN—ECONOMIC CONDITIONS
[illegible]

EUROPE, WESTERN—FERTILIZER INDUSTRY
[illegible]

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—UNITED STATES
[illegible]

EUROPE, WESTERN—FOREIGN EXCHANGE
[illegible]

EUROPE, WESTERN—[illegible]
[illegible]

EUROPE, WESTERN—[illegible]
[illegible]

EUROPE, WESTERN—[illegible]
[illegible]

EUROPEAN [illegible]
[illegible]

EUROPEAN [illegible]
[illegible]

EUROPEAN [illegible]
[illegible]

EUROPEAN WAR, 1914-1918 see [illegible]

EUROPEAN WAR, 1914-1918—[illegible]
[illegible]

EUROPEAN WAR, 1914-1918—[illegible]
[illegible]

EUROPEAN WAR, 1914-1918—[illegible]
[illegible]

EUROPIUM
[illegible]

EUROPIUM—[illegible]
[illegible]

EVAPORATION

(see also subdivision under Arctic regions)

Comparing the results of observations on evaporation from soils obtained by three methods. K I Kaulina Meteor. i gidrol no. 7 41-42 Jl '60

Observations on evaporation from the surface of water and soil in the U.S.S.R. [with summary in English] A. B. Konstantinov, V. F Pushkarev. Nek. probl. meteor. no. 1:72-95 '60.

EVENING AND CONTINUATION SCHOOLS

(see also subdivision under Moscow; Nizhnyi Tagil; Zhitomir Province)

Carry out the decisions of the Sixth Plenum of the Central Committee of the Communist Youth League. O. M. Ivanova. Obshcheobr. shkola vzrosl. no. 1:6-12 Ja-F '60.

Conference of the staff of the evening (staggered) schools IU. N. Kulíutkin, L. A. IAtsuk. Sov pedag 24 no. 5 153-156 My '60

Does studying interfere with work? A. Romov. Smena 37 no. 15:2-3 Ag '60.

Everyday activities of a rural school. TS. E. Leitman. Obshcheobr. shkola vzrosl. no. 1:88-80 Ja-F '60.

A factory where all workers are students Ul. Bialiaeu. Belarus' 17 no. 7 2-3 Jl '60

For those who work and study. V. T. Ignatchenko, V. I. Zagviazinskii. Obshcheobr. shkola vzrosl. no. 1:13-14 Ja-F '60.

Industrial workers should study. V. Demchinskii. Prom. koop. 14 no. 6:20 Je '60.

Yes, these questions are really urgent. M. F. Filippov. Sred. spets. obr. 7 no. 6·22-23 Je '60.

EVENING AND CONTINUATION SCHOOLS—CURRICULA

Drafts of new programs for the schools for working and rural youth. Obshcheobr. shkola vzrosl. no. 1:33 Ja-F '60.

EVOLUTION

Charles Darwin's theory and regularities in the development of organisms [with summary in English]. L. Sh. Davitashvili. Biul. MOIP. Otd. geol. 35 no. 1:25-45 Ja-F '60.

"Darwin, Darwinism, and philosophy" by G. V Platonov Reviewed by A. Ignatov. Nauka i zhizn' 27 no 5:74 My '60.

"Darwin, Darwinism, and philosophy" by G. Platonov. Reviewed by V. G. Nesterov. Vop. filos. 14 no. 7: 179-180 '60.

Darwinism and conditioned reflexes. A. Khil'chenko. Nauka i zhyttia 10 no. 6:46-40 Je '60.

Darwinism and I. P. Pavlov's theories of the higher nervous activity. A. IE. Khyl'chenko. Fiziol. zhur. [Ukr.] 6 no. 4·430-440 Jl-Ag '60.

Evolution and phylogeny of flagellates parasitic in the blood (Haemoflagellata) [with summary in English] S. A. Goar. Zool. zhur. 30 no. 7:061-977 Jl '60.

Geology in the studies of Charles Darwin [with summary in English]. N. S. Shatskii. Biul. MOIP. Otd. geol. 35 no. 1:3-24 Ja-F '60.

Ioganzen, V. G., and others. [Lamarck and modern natural science; on the 150th anniversary of J. B. Lamarck's theory of evolution] Lamark i sovremennoe estestvoznanie; k 150-letiiu evoliutsionnogo ucheniia Zh. B. Lamarka. Tomsk, Izd-vo Tomskogo univ., 1959. 44 p.

Ivanov, N. D. [Darwinism and the theories of heredity] Darvinizm i teorii nasledstvennosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 277 p.

Special features of the progressive development of organic nature. S. A. Shkol'nikov. Uch. zap. Kaf. filos. RPI no. 2:146-160, '59.

EVOLUTION—STUDY AND TEACHING

Independent work and observations carried out by students in studying some problems of the theory of evolution. A. N. Lavrov. Biol. v shkole no. 4 28-31 Jl-Ag '60.

EX-SERVICE MEN see Veterans

EXAMINATIONS see subdivision under Moscow

EXAMPLE

V. I. Lenin on educative significance of a good example. V. A. Prosetskii. Sov. pedag. 24 no. 4:73-77 Ap '60.

EXCAVATING MACHINERY

(see also subdivision under Germany, East)

All-purpose excavator mounted on a self-propelled chassis L. I. Aver'ianov and others. Stroi. i dor. mashinostr. 5 no. 7:3-5 Jl '60.

Analysis of designs and the operation of moldboards of ditch diggers used for cutting temporary irrigation ditches. B. N. Zakharov, N. M. Nevol'skikh. Trudy SIMSKH no. 14:80-85 '59.

Excavator with a soil slinger. M. Estrin, G. Mishkevich. Znan. sila 35 no. 7:24-25 Jl '60.

A follow-up on published materials. Mekh. stroi. 17 no. 5:30 My '60.

"Greydoll" excavating machine. A. N. Sessarevskii. Put' i put. khoz. 4 no. 8:48 Ag '60.

Machine for digging foundation holes mounted on a platform car. V. G. Malyshev. Mekh. stroi. 17 no. 5:27-30 My '60.

Machine for digging foundation pits for catenary poles. I I. Kantor, V G. Malyshev. Biul tekh.-ekon. inform. no. 7:56-59 '60.

Modernization of the EKG-8 excavator. A. A. Liubchenko. Gor. zhur. no. 7·50-55 Jl '60.

Nadal'iak, P. A. [Single-bucket excavator; outline of the development of single-bucket excavators for open excavations] Odnokovshovye ekskavatory, ocherk razvitiia odnokovshovykh ekskavatorov dlia otkrytykh gornykh rabot. Moskva, Izd-vo Akad. nauk SSSR, 1960. 70 p.

Shaft sinking by means of earth diggers. Ugol' Ukr. 4 no 6·44 Je '60

Tractor-mounted machine for excavating holes of contact network poles. M. B. Bel'kind. Transp. stroi. 10 no. 7:27-29 Jl '60.

Vertical foundation-hole excavator mounted on the DM track motor-car. V. A. Barsegian. Transp. stroi. 10 no. 5:11-14 My '60.

EXCAVATING MACHINERY—ELECTRIC DRIVING

Use of an electronic model in the study of the electric drive of the EVG-15 excavator. V. G. Vasil'ev and others. Elektrichestvo no. 6:39-41 Je '60.

EXCAVATING MACHINERY—EQUIPMENT AND SUPPLIES—CATALOGS

Tekhnicheskaia kontora "Stroitiazhmashzapchast'" [Catalog of spare parts for the E-652 excavator] Katalog zapasnykh chastei ekskavatora E-652. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 111 p.

EXCAVATING MACHINERY—HYDRAULIC DRIVE

Automatic welding of excavator hydraulic system pipe connections in an atmosphere of carbon dioxide. I. M. Mann. Avtom. svar. 13 no. 6:55-59 Je '60.

EXCAVATING MACHINERY—MAINTENANCE AND REPAIR

Repairing dippers with semicircular cutting edges. L. B. Khalkis, N. N. Khrapachev. Transp. stroi. 10 no. 7:29-32 Jl '60.

EXCAVATING MACHINERY—SAFETY MEASURES

Nekliudov, M. K. [Leaflet on safety measures for excavator operator] Pamiatka po tekhnike bezopasnosti dlia mashinista ekskavatora. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 27 p. (Tekhnika bezopasnosti)

EXCAVATING MACHINERY—TESTING

All-purpose stand for testing building excavators. A. V. Rannev and others. Stroi. i dor. mashinostr. 5 no. 7: 32-34 Jl '60.

EXCAVATION

Determining the better length of blind dumps in excavator waste piling. I. I. Russkii. Izv. vys. ucheb. zav., gor. zhur. no. 7:23-30 '60.

EXCAVATIONS (ARCHAEOLOGY)

(see also subdivision under Aleksandriya, Kupyansk District; Denau District; Desna Valley; Dnieper Valley; Kerch; Zhury)

Archaeological field explorations by the Institute of Archeology of the Academy of Sciences of the U.S.S.R. in 1959. N. K. Lisitsyna. Sov. arkheol. 4 no. 2:301-312 '60.

Black grain. M. IAkubtsiner. Znan. sila 35 no. 6:36 Je '60.

EXCITONS

Identification of excitons with light waves in a crystal and the macroscopic theory of excitons with and without account for retardation [with summary in English]. S. I. Pekar. Zhur. eksp. i teor. fiz. 38 no. 6:1786-1797 Je '60.

Spin-lattice relaxation of an exciton in an ionic crystal. V. N. Paranichev. Opt. i spektr. 9 no. 1:117-119 Jl '60.

Supplementary anomalous light waves in anthracene in the region of exciton absorption. M. S. Brodin, S. I. Pekar. Zhur. eksp. i teor. fiz. 38 no. 6:1910-1912 Je '60.

Transfer of the electron excitation energy with the aid of the mechanism of virtual excitons. V. M. Agranovich Opt. i spektr. 9 no. 1:113-115 Jl '60.

EXCRETION

"Elimination of some radioactive substances from the organism" by A. A. Gorodetskii and others. Reviewed by IU. D. Dubovyi. Fiziol. zhur. [Ukr.] 6 no. 3:415-416 My-Je '60.

EXERCISE

Changes in ocular pressure in adolescents as effected by controlled exercise and prolonged training in gymnastics. M. E. Nachkepiia. Soob. AN Gruz. SSR 24 no. 4: 493-500 Ap '60.

EXERCISE THERAPY

Dobrovol'skii, V. K., ed. [Therapeutic physical culture] Lechebnaia fizicheskaia kul'tura. [Leningrad] Gos. izd-vo med. lit-ry Medgiz, Leningr. otd-nie, 1960. 349 p.
(DNLM)

Exercise therapy in chronic pneumonias in children. S. M. Ivanov Vop. okh mat i det 5 no. 4:32-37 Jl-Ag '60.

Use of exercise therapy in the over-all treatment of poliomyelitis under hospital conditions T. I. Lebedeva, S V Khrushchev Vop. okh mat i det 5 no 3 46-49 My-Je '60

EXHAUSTION see Fatigue

EXHIBITIONS

(see also subdivision under Bucharest, Kiev, Leipzig, London, Moscow; Paris, Poland; Poznan)

In thirty-three states of the world Mikhail Nesterov Kul't i zhizn' 4 no 6 51-54 '60

Soviet scientific exhibits abroad. V. N. Kostrov. Vest. AN SSSR 30 no. 7.45-48 Jl '60.

EXPANSION (HEAT)

Physical nature of the thermal expansion of metals. N. N. Medvedev, I. A. Velichko. Trudy LTI no. 58·7-16 '59.

EXPLOSIONS

Critical diameter and explosion rate of liquid solutions of ozone [with summary in English]. E. L Gribova and others. Zhur. fiz. khim. 34 no. 7 1395-1401 Jl '60.

Explosions are building a mine. M. Harmash. Ukraina no. 14:8 Jl '60.

Interaction between strong explosion waves and an electromagnetic field. V. P. Korobeinikov, V. P. Karlikov. Dokl. AN SSSR 133 no. 4:764-767 Ag '60.

Measurement of sound velocity in detonation products V M. Zaitsev, P. F Pokhil, K K. Shvedov Dokl AN SSSR 133 no 1 155-157 Jl '60

Thermal explosion of dinitroxydiethylnitramine under conditions of pure convective heat transfer. F I. Dubovitskii, V. V. Barzykin, A. G. Merzhanov Izv. AN SSSR. Otd. khim. nauk no. 6:1124-1126 Je '60.

EXPLOSIVES

(see also subdivision under Europe, Eastern)

Efficient use and prospects for the production of certain recently developed industrial explosives Z. G. Pozdniakov. Vzryv. delo no. 44/1:5-11 '60.

Granular explosives for charging flooded boreholes in opencut workings. B. IA. Svetlov, R. N. Solntseva, M. I. Titushina. Vzryv. delo no. 44/1:40-57 '60.

Recommended use for recently developed industrial explosives. Vzryv. delo no. 44/1·92-98 '60.

Study and development of simplest granular explosives. G. P. Demidiuk, L. N. Marchenko, B. D. Rossi. Vzryv. delo no. 44/1·11-40 '60.

EXPLOSIVES—BLAST EFFECT

Investigating the shattering and propellant effect of explosives. L. I. Baron, S. P. Levchik, M. K. Termetchikov. Vzryv. delo no. 44/1:158-166 '60.

EXPLOSIVES—TESTING

Results of industrial testing of the low-hygroscopicity explosive, "noritol." L. G. Pavlovskii, Z. G. Pozdniakov. Vzryv. delo no. 44/1:58-64 '60.

EXPRESS SERVICE

Legal nature of express service contracts. E. M. Vorozheikin. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:133-145 '56.

EXTRACTION (CHEMISTRY)

Coextraction of trace elements in the extraction of chlorides with ether. A. G. Karabash, L. I. Moseev, V. A. Kuznetsov. Zhur. neorg. khim. 5 no. 6:1356-1365 Je '60.

Effect of hydrolysis on the extraction of antimony with diisoamyl ether and isoamyl alcohol. M. M. Privalova, D. I. Riabchikov. Zhur. neorg. khim. 5 no. 7·1605-1611 Jl '60.

Extraction of colloidally dissolved, mixed heavy metal ferrocyanides form their hydrosols by means of gelatin foam [with summary in English]. L. D. Skrylev, S. G. Mokrushin. Koll. zhur. 22 no. 3:344-350 My-Je '60.

Extraction of ferric chloride hydrates with ethers. V. V.

Symposium on the theory of extraction. Iu.A. Zolotov. Zhur.neorg.khim. 5 no.6:1401-1402 Je '60.

EXTRACTION APPARATUS
Extractor equipped with rotating discs for the refining of oil fractions with furfural. V.I. Kulakova, I.V. Voznesenskaia, R.K. Stoianovich. Khim.i tekh.topl.i masel 5 no.5:16-21 My '60.
From letters to the editor. M.I. Potapov, A.V. Postnov. Masl.-zhir.prom. 26 no.7:47 Jl '60.

EXTREMITIES (ANATOMY)
Influence of sodium amytal on the transfer of sugar from the arterial blood into the tissue of the posterior extremities and into the brain [with summary in English]. S.G. Genes, P.M. Chernaia. Biul.eksp.biol.i med. 49 no.1:54-58 Ja '60.
Metopodial variability and its significance for the study of ancient cattle [with summary in English]. V.I. Tsalkin. Biul.MOIP.Otd.biol. 65 no.1:100-120 Ja-F '60.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY
Condition of the lymphatic channel following disturbances of blood outflow in the extremities of a dog [with summary in English]. A.G. Fedorova. Biul.eksp.biol.i med. 49 no.1:116-121 Ja '60.

EXTREMITIES, LOWER
Structural peculiarities of the skeleton of supernumerary extremities in a frog [with summary in English]. A.A. Voitkevich. Arkh.anat.gist.i embr. 38 no.1:83-92 Ja '60.

EXTREMITIES, LOWER—BLOOD SUPPLY
Age-connected changes in the venous valves of the lower extremities [with summary in English]. I.A. Chetchueva. Arkh.anat.gist.i embr. 38 no.1:67-74 Ja '60.
Development of collaterals following bilateral ligature of main arteries of the pelvic extremities of rabbits [with summary in English]. P.Z. Hud', O.R. Radzilevs'kyi. Dop.AN URSR no.5:667-672 '60.

EXTREMITIES, LOWER—FRACTURES
Pathological fractures of the knee bones following tuberculous meningoencephalitis. I.K. Gorel'chik. Zdrav. Belor. 6 no.3:57 Mr '60.

EXTREMITIES, UPPER—DISEASES
Work capacity in degenerative-dystrophic diseases of the joints of the upper extremities. N.B. Kozinskaia and others. Trudy LIETIN 3:267-286 '59.

EYE
Effect of removing the outer ectoderm layer on the morphogenesis of the eye in the Anura. I.N. Kokia. Soob. AN Gruz.SSR 24 no.4:451-457 Ap '60.

EYE—CARE AND HYGIENE
Your eyes. M.P. Zinger. Zdorov'e 6 no.4:23-24 Je '60

EYE—DISEASES AND DEFECTS
Change in the eyes and the picture of the fundus oculi in leukemias. T.L. Kad'yrova. Vrach.delo no.6:645-648 Je '60.

EYE—MOVEMENTS
Comparative analysis of touch and vision. Report No.2: Peculiarities of the orienting-exploratory movements of the eyes in children of preschool age. V.P. Zinchenko. Dokl.APN no.2:53-56 '60.
Coordination of eyeball movements in newly born infants and space perception. Report No.1. A.M. Fonarev. Dokl.APN no.4:65-68 '59.

EYE—SURGERY
Prevention of postoperative complications following cavity operations on the eyeball. V.Kh. Grigor'iants. Med.zhur. Uzb. no.12:67-70 D '59.

EYE—TUBERCULOSIS
Combined streptomycin and phthivazid therapy for tuberculous and tuberculous-allergic diseases of the eyes. A.M. Vodovozov. Pat., klin.i terap.tub. no.8:211-217 '58
Experimental study of the combined action of phthivazid and tuberculin in the treatment of tuberculous diseases of the eyes. E.IA. Khomiak. Pat., klin.i terap.tub. no.8:225-231 '58
Phthivazid and tuberculin treatment of patients with tuberculous diseases of the eyes. E.A. Khomiak. Pat., klin.i terap.tub. no.8:232-236 '58.
Some problems of tuberculin diagnosis and tuberculin therapy in the clinical aspects of tuberculosis of the eye. E.IA. Khomiak. Pat., klin.i terap.tub. no.8:237-243 '58.
Treatment of tuberculosis of the eyes with antibiotics and with new drugs. A.A. Bel'tiukova, N.I. Gogina. Pat., klin.i terap.tub. no.8:218-221 '58.
Tuberculin therapy in intraocular tuberculosis. A.A. Bel'tiukova. Pat., klin.i terap.tub. no.8:222-224 '58

EYE—WOUNDS AND INJURIES
Shershevskaia, O.I. [Eye injuries in industry and their prevention] Proizvodstvennyi travmatizm glaz i ego profilaktika. [Leningrad] Medgiz, 1960. 232 p. (Biblioteka prakticheskogo vracha)
(DNLM)

EYEGLASSES see subdivision under Germany, East

FACADES
(see also subdivision under Moscow)
Improving the quality of materials and developing industrial methods for finishing exterior walls of large-element buildings. M.A. Kiselev, P.V. Golubev. [illegible] no.5:105-111 '60.
New paints to be used in repairing facades. V.A. Vasil'ev. Gor.khoz.Mosk. 34 no.5:12-14 My '60.

FACE—SURGERY
Military maxillofacial surgery. A.I. Rybakov. Voen.-med.zhur. no.5:93-94 My '60.
Use of V.P. Filatov's circular flap in facial defects. V.I. Filarev. Zdravookhranenie 3 no.3:55-57 My-Je '60.

FACIAL NERVES see Nerves, Facial

FACTORIES—ACCOUNTING
Veitsman, N.R. [Report figures speak; analysis of economic indices at the regular production conference of an enterprise] Govoriat tsifry otcheta; analiz ekonomicheskikh pokazatelei na postoianno deistvuiushchikh proizvodstvennykh soveshchaniiakh predpriiatii. Moskva, Gosfinizdat 1960. 46 p.

FACTORIES—AIR CONDITIONING
Air conditioning in overheated food processing shops [with summary in English]. I. Antonova. [illegible] no.1:32-34 My-Je '60

FACTORIES—DESIGN AND CONSTRUCTION
(see also subdivision under Egypt)
Assembling the above ground sections of one-story industrial buildings. E. Bogushevich. Stroitel' no.6:18-20 Je '60.
Change requirements concerning standard designs of industrial plants. I.P. Lukashevich. Prom.stroi. 38 no.6:56-57 '60.
Construction of the Rubber Tire Plant. F.M. Zil'berg. Prom.stroi. 38 no.7:23-25 '60.
Industrial hygiene? This is not our field... I. Kalita. Okhr.truda i sots.strakh. 3 no.6:29-32 Je '60.
Planning assembly line construction of industrial plants. O.D. Dolgopolskii, V.A. Golosov, V.I. Rybal'skii. Prom.stroi. 38 no.6:13-21 '60.
Precast reinforced concrete construction elements of buildings subjected to large dynamic loads. V.M. Pigulevskii. Prom.stroi. 38 no.6:16-19 '60.
Principal trends in designing and constructing industrial buildings. A.P. Morozov. Gor.i sel'.stroi. [illegible] 12-15 '60.
Progressive principles of planning and building in industrial districts. V.I. Lukhtanov. Izv.ASiA no.2:21-27 '60.
Standardization of secondary and auxiliary buildings and structures in all branches of industry. M.I. Ostrovskii and others. Prom.stroi. 38 no.6:8-14 '60.
Speed up the construction of industrial plants and put them into operation sooner. Stroi.mat. 6 no.5:1-3 My '60.
Standardized reinforced concrete products for one-story industrial buildings with girder ceilings. S.P. Dmitriev, G.V. Vyshgin. Prom.stroi. 38 no.7:8-14 '60.
Using models in designing and assembling steel towers. A.N. Baturinskii, E.IA. Nikolaevskii, V.I. IUzhakov. Mont.i spets.rab.v stroi. 22 no.7:9-13 Jl '60

FACTORIES—EQUIPMENT AND SUPPLIES
"Technical specifications for assembling equipment; general specifications." Biul.stroi.tekh. 17 no.6:[illegible]-40 Je '60

FACTORIES—FIRES AND FIRE PREVENTION
(see also subdivision under Tallinn)
Common cause. R. Balakian. Pozh.delo 6 no.7:14-15 Jl '60.

FACTORIES—HEATING AND VENTILATION
Formation of thermal fields in industrial buildings with not uniformly distributed floor heating elements. I.A. Feskin, S.IU. Didenko. Izv.vys.ucheb.zav.; stroi.i arkhit. no.2:137-141 '60.
Khotaiunov, I.K. [Hygienic principles and operation of industrial ventilation, manual for inspection and industrial hygiene employees] Gigienicheskie osnovy promyshlennoi ventiliatsii i ee ekspluatatsiia; posobie dlia rabotnikov promyshlenno-sanitarnogo nadzora i okhrany truda. Moskva, Medgiz, 1958. 275 p.
(DNLM)

FACTORIES—LIGHTING
Circuit for automatic switching-over to an emergency lighting system. V.F. Sergeev. Elek.i tepl.tiaga 4 no.5:12 My '60.
Use of high-pressure mercury lamps in the lighting of windowless workshops. Svetotekhnika 6 no.7:26-29 Jl '60.

Efficient distribution of [illegible] among enterprises constructing industrial buildings is the most important objective in planning industrial [illegible]. G.A. Laptin. Prom.stroi. 38 no.6:1-6 '60.

FACTORY LIBRARIES see subdivision under [illegible]

FACTORY MANAGEMENT
[illegible]

FACTORY SANITATION see subdivision under Odessa

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956
[illegible]

FAIRY TALES
Andersen, Hans Christian. [Fairy tales. Translated from the Danish] Skazki. Moskva, 1955. 321 p.
[illegible]

FALIKMAN, I.
[illegible]

FAMILY see subdivisions under [illegible]

FAMILY SIZE
[illegible]

FANS, ELECTRIC
[illegible]

FANS, MECHANICAL
[illegible]

FANS, MECHANICAL—TESTING
[illegible]

FAR EAST—[illegible]
[illegible]

FAR EAST—[illegible]
[illegible]

FAR EAST, SOVIET see Soviet Far East

FARADAY EFFECT
[illegible]

FARM BUILDINGS
(see also subdivisions under [illegible])
[illegible]
Vorob'ev, [illegible] Moskva, 1958 [illegible] 224 p.
(DA)

FARM ENGINES see subdivision under [illegible]

FARM EQUIPMENT
[illegible]

FARM LIFE see subdivision under [illegible]

FARM MANAGEMENT see subdivision under [illegible]

FARM MECHANIZATION
(see also subdivision under Kazakhstan, Serpukhov District, Ukraine, Uzbekistan)

Manukovskii, N. F. [Over-all mechanization on collective farms] Kompleksnaia mekhanizatsiia v kolkhoze. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 70 p.

Tolpekin, S. Z. [Principal methods for the over-all mechanization of agriculture] Osnovnye puti kompleksnoi mekhanizatsii sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 20)

Vegetables on a conveyer. V. Mikhailov. Nauka i zhizn' 27 no. 7:35-39 Jl '60.

FARM MECHANIZATION—AUDIO-VISUAL AIDS

For academic instruction. F. Kaganer. Prof.-tekh. obr. 17 no. 5:24 My '60.

FARM MECHANIZATION—SAFETY MEASURES see subdivision under Poltava Province

FARM MECHANIZATION—STUDY AND TEACHING see subdivision under Krolovets; Kustanay Province

FARM PRODUCE—ACCOUNTING

Balance statement of agricultural production. I. Egereva Vest. stat. no. 7 36-40 '60.

FARM PRODUCE—COSTS

Production costs of collective farm produce. P. S. Gorodetskii, S. I. Polovenko. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:31-45 '66.

FARM PRODUCE—MARKETING

Price dynamics in collective farm trade. I. Belinevskii. Sov. torg. 33 no. 6:26-30 Je '60.

FARM PRODUCE—PRICES see subdivision under Bashkiria

FARM PRODUCE—TRANSPORTATION

Improving payments for the delivery of agricultural farm produce V. Boev Ekon. sel'khoz 31 no. 6 98-101 Je '60

Ways to reduce expenditures for the agricultural transportation B. Khodasevich. Ekon sel'khoz 31 no 6 44-48 Je '60.

FASCISM see subdivision under Germany, West; Italy

FASCISM—CARICATURES AND CARTOONS

[Revanchists] Revanshisty. Moskva, Izogiz, 1960. 1 v. (chiefly illus.)

FASHION

Fashions Belarus' no 5 3 of cover My '60.

Fashions Rab. i sial 36 no 6 3 of cover Je '60

Kyiva'kyi budynok modelei. [Coats and suits] Pal'to i kostiumy. Kyiv, Upr. lehkoi promyslovosti Kyiva'koho Radnarhospu 1960, 1 v., illus.

Modern trends in styling clothing A. F. Kulichov Shvein prom no 3 23-31 My-Je '60.

New styles in knitwear. L. K. Kuz'mina. Tekst. prom. 20 no. 6:13-16 Je '60.

Universality of health and beauty. Smena 37 no. 13:20-27 Jl '60.

FASTENINGS

Birthday of the Egorov lock collar. V. Leonidov. Znan. sila 35 no. 6:19 Je '60.

Simplified angle-steel trolley holders. A. I. TSylev. Mont. i spets. rab. v stroi. 22 no. 7:28-29 Jl '60.

FASTOV DISTRICT—REGIONAL PLANNING

Planning in Fastov District. O Lesenko. Sil'. bud 10 no 4 9-10 Ap '60

FAT METABOLISM

Influence of methionine and lipocaine on some factors of fat metabolism in the liver of rats exposed to X rays [with summary in English]. V. G. Vladimorov. Biul. eksp. biol. i med. 49 no. 1.59-62 Ja '60.

State of fat metabolism in silicosis. V. P. Kozak. Vest. AN Kazakh. SSR 16 no. 5:62-69 My '60.

FATIGUE

Conference on problems in the physiology of fatigue and restorative processes. N. I. Vakoliuk Fiziol. zhur [Ukr.] 6 no. 3 427-428 My-Je '60

FATIGUE-TESTING MACHINES

Comparative indices of testing machines under cyclic operation with hydraulic pulsation IU. N Morozov, IU. F. Tiablikov Zav lab. 26 no. 7 871-877 '60.

Determining the weight of fatigue testing machinery. N V. Oleinik, E. V. Shtaiger Zav lab. 26 no 5 609-610 '60

FATTY ACIDS see Acids, Fatty

FAUCETS—STANDARDS

The all-Union state standard for movable lavatory faucets. Biul. stroi. tekh. 17 no. 7:24 Jl '60.

FAULTS (GEOLOGY)

Higher mercury content of fault zones in certain sulfide deposits. N A. Ozerova. Geol. rud. mestorozh no 3 88-95 My-Je '60

Studying fractured reservoirs K. V. Gavrilkevich. Neft. khoz 38 no. 6:19-23 Je '60.

FEDCHENKO, ALEKSEI PAVLOVICH, 1844-1873

"A P Fedchenko, geographer and traveler" by A A Azat'ian Reviewed by Z N Dontsova Izv Uzb fil Geog ob-va 4 125-126 '60

FEDCHENKO, OL'GA ALEKSANDROVNA, 1845-1921

Ol'ga Aleksandrovna Fedchenko (1845-1921) an explorer of Central Asia A. A Azat'ian Izv Uzb fil Geog ob-va 4 100-103 '60.

FEDCHENKO GLACIER

On the Fedchenko Glacier. V. Suslov. Nauka i zhyttia 10 no. 6:56-58 Je '60.

FEDERATION OF RHODESIA AND NYASALAND—POLITICS AND GOVERNMENT

Exhorters from the Monckton Commission. O. TSvetaev. Sovr. Vost. no. 7:46 Jl '60.

FEDOROV, INNOKENTII VASIL'EVICH, 1836-1883

The basic motifs of Omulevskii's lyrics. I. G. Vasil'ev Uch zap Ped inst. Gerts 210 67-79 '59

FEDOROV, VASILII DMITRIEVICH, 1918-

Nine poems of Vasilii Fedorov. E. Stuart Znamia 30 no. 8 205-211 Ag '60

FEEBLEMINDEDNESS see Mental deficiency

FEED-WATER PURIFICATION
(see also subdivision under Netherlands)

Automatic switching-out of purifying filters for rinsing. I. D. Zak, V. A. Kochmarev. Elek. sta 31 no. 4:77-78 Ap '60.

Electromagnetic, ultrasonic, and boiler treatment of water. P. T. Dunaev. Sakh. prom. 34 no. 7:50-54 Jl '60.

Electromagnetic method for the treatment of feed water for stationary boiler untis. G. K. Goncharov, P. N. Kop'ev. Zhel. dor. transp. 42 no. 6:63-64 Je '60.

Processing of sea water by the acidification method. N. A. Malishevskii. Elek. sta. 31 no. 4:44-45 Ap '60.

System for the treatment of water used in the diffusion process. G. S. Benin. Sakh. prom. 34 no. 6.21-24 Je 60.

Treating water with hydrazine for protection of the metal of boilers against acid corrosion [with summary in English, p. 2]. P. A. Akol'sin, N. M. Mikhailova. Teploenergetika 7 no. 7:59-64 Jl '60.

FEEDBACK (ELECTRONICS)

Compensation of the frequency characteristics of a wideband amplifier by means of feedback L B. Ustinova, Z. N. Luzianina. Radiotekhnika 15 no. 6 24-35 Je '60.

FEEDBACK CONTROL SYSTEMS

Special methods of raising the quality of a control process. G. S. Pospelov. Izv. AN SSSR, Otd. tekh. nauk. Energ. i avtom. no. 3:46-56 My-Je '60.

FEEDS
(see also subdivision under Pochinok District; Ukraine)

Account for the entire amount of receipted feeds and maintain a strict control over their preservation Uchet i fin v kolkh i sovkhoz 17 no 5 2-4 My '60

[Organizing feed production] Organizatsiia proizvodstva kormov. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 331 p.
(DA)

FEEDS—ANALYSIS

Determining the coefficient of digestibility for carbohydrate fractions and nitrogenous substances of feeds by the lignin ratio method. M. A. Ter-Karapetian, A. M. Ogandzhanian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1: 23-31 Ja '60.

FEEDS—COMPOSITION

Some results achieved and problems in studying the variability of feed composition in the U. S S R. IU. N. Kuznezhekovskii. Vop. geog no 48 165-185 '60

FEELINGS see Emotions

FEINBERG, SAMUIL EVGEN'EVICH

S. E. Feinberg is now 70 years old. Sov. muz. 24 no. 6: 30-40 Je '60.

FELDSPAR
(see also subdivision under Il'menskiye Mountains)

New optical orientation diagrams of potassium-sodium feldspars. A. S. Marfunin. Dokl. AN SSSR 133 no. 4: 939-942 Ag '60.

FELT

Press felts for manufacturing condenser paper. D. M. Fliate, A. P. Rysova. Bum. prom. 35 no. 6:28-29 Je '60.

FERGANA—COINS, PERSIAN

Samanid coins of Kuba. E. A. Davidovich. Sov arkheol. 4 no. 2.254-257 '60.

FERGANA—ELECTRIC POWER DISTRIBUTION

Checking the use of electric power. E. Taimazov. Fin. SSSR 21 no. 5 66-68 My '60.

FERGANA—LAND TENURE

From the history of feudal landownership in Fergana in the 16th-17th century. R. N. Nabiev. Izv. AN Uz. SSR, Ser. obshchestv. nauk no. 3:25-33 '60

FERGANA—OLGAEA

A new species of the genus Olgaea Iljin from the Tien Shan M. M Il'in Bot mat Gerb 20 359-362 '60

FERGANA—WATER FLEAS

New water flea species (Cladocera, Crustacea) from rice fields of the Fergana Valley. A. M. Mukhamediev Uzb. biol. zhur no. 3 35-38 '60.

FERMENTATION
(see also subdivision under Vyborg)

Continuous two-flow fermentation in the production of alcohol from starchy raw materials. L A. Polevoi Spirt prom 26 no 5 11-15 '60.

Effect of gibberellins on the fermentative activity of germinating barley S. P Stashko, V E. Samoilova Spirt. prom. 26 no. 5 20-22 '60

Electrode unit for the remote measurement of pH. A. S. Egorov, L I Miakota Spirt. prom 26 no 5 16-17 '60

Fermentation conditions for the organisms producing new antibiotics in an experimental plant [with summary in English]. K. K. Ivanov and others. Antibiotiki 5 no 1:43-47 Ja-F '60

Mal'tsev, P. M. [Technology of the fermentation industries; a general course] Tekhnologiia brodil'nykh proizvodstv; obshchii kurs. Moskva, Pishchepromizdat, 1960. 522 p.

Method of continuous fermentation. V. L. IArovenko. Spirt prom 26 no 5:3-10 '60.

FERNS see subdivision under Asia

FERRATES

Demin, E. A., and L. A. Chinenkov. [Shift registers with ferrite cores in radio engineering] Registry sdviga na ferritovykh serdechnikakh v radiotekhnike. Moskva, Gos. energ. izd-vo, 1960. 86 p.

Electric and magneto-resistive properties of lithium ferrite-chromite near the compensation point. K. P. Belov, A. N. Gorlaga, Lin' Chzhan-da. Zhur. eksp. i teor. fiz. 38 no. 6.1914-1915 Je '60.

Gurevich, A. G. [Ferrites at microwave frequencies] Ferrity na sverkhvysokikh chastotakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 407 p. (Fizika poluprovodnikov i poluprovodnikovykh priborov)

Monocrystals of magnesium-manganese ferrites with a narrow ferromagnetic resonance absorption curve. K. P. Belov, V. F. Belov, A. A. Popova. Zhur. eksp. i teor. fiz. 38 no. 6:1909-1910 Je '60.

FERRATES—MAGNETIC PROPERTIES

Temperature dependency of paramagnetic susceptibility of nickel-cadmium ferrites. V. I. Chechernikov, R. F. Uchaikina. Izv. vys. ucheb. zav., fiz. no. 3 39-42 '60.

FERRATES—OPTICAL PROPERTIES

Faraday effect in an yttrium garnet at infrared frequencies G S Krinchik, M. V Chetkin. Zhur eksp i teor fiz. 38 no 5 1643-1646 My '60

FERRICINIUM COMPOUNDS

Electronic structure of the ferricinium cation and of other aromatic complexes of metals. F M Shustorovich, M E. Diatkina Dokl. AN SSSR 133 no 1 141-143 Jl '60

FERRITE (STEEL CONSTITUENT)

Effect of ferrite on austenite weld metal properties. I. N. Gerasimenko. Avtom. svar. 13 no. 6:79-81 Je '60.

Investigating the state of the crystal lattice and the dislocation density in austenite and ferrite in the course of phase transformations. L. I. Mirkin, IA. S. Umanskii. Izv. vys. ucheb. zav., fiz. no. 3 212-217 '60.

Mosaic structure of ferrite in magnesium cast iron [with summary in English]. K. P. Bunin, O. I. IAtsenko. Dop. AN URSR no. 4:451-455 '60.

FERROCENE

Formation of the 1,2,3-oxadiazine ring in the reaction of 1,1'-diacetylferrocene with aryldiazonium compounds. A. N. Nesmeianov and others. Dokl. AN SSSR 133 no. 4:851-854 Ag '60.

FERROCYANIDES

Extraction of colloidally dissolved, mixed heavy metal ferrocyanides from their hydrosols by means of gelatin foam [with summary in English]. L. D. Skrylev, S. G. Mokrushin. Koll. zhur. 22 no. 3:344-350 My-Je '60.

FERROELECTRIC SUBSTANCES

Effect of a constant electric field on polarization processes in seignettoelectric ceramics. V. Z. Borodin. Izv. vys. ucheb. zav.; elektromekh. 3 no. 2:140-156 '60.

[illegible] magnetoelectric properties of triglycine sulfate crystals. I.M. Sil'vestrova, N.A. Romanov. Kristallografiia 5 no.1:147-150 Ja-F '60.

FERROELECTRICITY

Miracle crystals. S.V. Bogdanov. Nauka i zhizn' 27 no.7:11-16 Jl '60.

FERROMAGNETISM

Behavior of certain ferromagnetic materials in weak magnetic fields of high frequency (10^5 - 10^7 cycles). L.G. Smirnova. Sbor. trud. TSNIICHM no.23:108-120 '60.

Change of atomic magnetic moments of ferromagnetic metals under uniform compression [with summary in English]. E.I. Kondorskii, V.L. Sedov. Zhur. eksp. i teor. fiz. 38 no.3:773-779 Mr '60.

Dynamics of the Barkhausen jump. A.M. Rodichev, V.A. Ignatchenko. Fiz. met. i metalloved. 9 no.6:903-908 Je '60.

Indirect interaction of d-electrons of the transition metals. Part 2. Antiferromagnetism [with summary in English]. B.V. Karpenko, A.A. Berdyshev. Zhur. eksp. i teor. fiz. 38 no.3:974-978 Mr '60.

Magnetoelectric effect in antiferromagnetics. D.N. Astrov. Zhur. eksp. i teor. fiz. 38 no.3:984-985 Mr '60.

Polarization of nuclei in nonmetallic ferromagnetics. G.R. Khutsishvili. Zhur. eksp. i teor. fiz. 38 no.5:1617-1619 My '60.

Relation of the dynamic permeability of ferromagnetic materials to their macroscopic nonuniformity. E.L. Gurvich. Sbor. trud. TSNIICHM no.23:90-94 '60.

Some ferromagnetic properties of an agglomerate [with summary in English]. Z.I. Nekrasov, V.V. Chekin, V.P. Romanov. Dop. AN URSR no.1:104-107 '60.

State equations defining the magnetoelastic properties of ferromagnetic single crystals [with summary in English]. K.B. Vlasov. Zhur. eksp. i teor. fiz. 38 no.3:889-891 Mr '60.

Temperature dependence of the magnetization of hexagonal ferrites in weak fields. E.S. Borovik. Fiz. met. i metalloved. 9 no.6:848-851 Je '60.

FERROMANGANESE

Efficient procedure for making ferromanganese in the blast furnace. M.N. Abramovich. Trudy NTO chern. met. 15:20-23 '59.

Nitriding metallic manganese with ammonia. N.P. Nakonechnyi, B.Kh. Khan. Izv. vys. ucheb. zav.; chern. met. no.6:60-70 '60.

FERROSILICON--TESTING

Investigating the machinability of the Si-15 alloy. S.P. Shabashov, L.V. Polutova. Izv. vys. ucheb. zav.; mashinostr. no.3:129-136 '60.

FERTILIZATION OF PLANTS
(see also subdivision under Carpathian Mountains)

Conjugate distribution of bumblebees and leguminous plants in the Arctic [with summary in English]. D.V. Panfilov, V.F. Shamurin, B.A. Iurtsev. Biul. MOIP Otd. biol. 65 no.3:51-63 My-Je '60.

Recent data on the biology of fertilization of seed plants; theses of a report. N.V. Turbin. Biul. Inst. biol. AN BSSR no.3:167-169 '58.

Studying the effect of certain growing conditions, heterologous pollination, and double pollination on the setting of seeds in remote hybridization of wheat and rye. N.V. Turbin, V.N. Zagrelova. Biul. Inst. biol. AN BSSR no.3:170-176 '58.

FERTILIZER INDUSTRY
(see also subdivision under Europe, Western)

Biopower factories. V. Solodeshkov. Nauka i zhizn' 27 no.5:77 My '60.

FERTILIZER SPREADERS

Sprinkler-mounted fertilizer distributors. E.E. Solov'ev. Gidr. i mel. 12 no.7:20-30 Jl '60.

FERTILIZERS AND MANURES

Chernavin, A.S. [Fertilizers and crops; manual for students] Udobreniia i urozhai, posobie dlia uchashchikhsia. Moskva, M-vo prosv. RSFSR, 1959. 117 p.
(DA)

Coating of seeds in agriculture. O.A. Krotova. Shkola i proizv. 4 no.6:59-61 Je '60.

Complex fertilizers based on the decomposition of phosphates by nitric acid. S.I. Vol'fkovich, E.G. Margolis, N.N. Poliakov. Khim. prom. no.1:34-41 Ja-F '60.

"Glass" fertilizers. G. Mokrievich, G. Ignatovich. Nauka i zhizn' 27 no.5:77-78 My '60.

Intensifying the aftereffect of phosphorus fertilizers [with summary in English]. P.A. Dmitrenko, I.A. Shevchenko. Pochvovedenie no.7:74-80 '60.

Physiological effect of mineral solutions applied to leaves. K.M. Malysheva. Izv. Sib. otd. AN SSSR no.1:120-126 '60.

Smirnov, N.D. [Mineral fertilizers and their application] Mineral'nye udobreniia i ikh primenenie. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 142 p.

[illegible] peat and mineral fertilizers. A.I. Mandel'baum. Torf. prom. 37 no.4:5-10 '60.

FESCUE GRASS

New sections of the genus Festuca L. N.P. Krivotulenko. Bot. mat. Gerb. 20:48-67 '60.

FETUS

Course of pregnancy, labor, and fetal development in rats following hypothermia at various stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N.G. Kosheleva. Arkh. anat., gist. i embr. 38 no.1:5-10 Ja '60.

Embryogenesis in rats following hypothermia in the early stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N.A. Tripol'skaia. Arkh. anat., gist. i embr. 38 no.1:20-24 Ja '60.

FETUS--DISEASES

Effect of stimulation of the fetus on the blood sugar level in the mother in cases of experimental craniocerebral injury and asphyxia on the fetus. A.A. Topchiev, [illegible]. Dokl. AN Azerb. SSR 16 no.4:407-410 '60.

FEVER

New data on the reflex and hormone regulation of diuresis and on its changes in fever caused by a sterile abscess. P.P. Kachinskii. Zdravookhranenie 3 no.2:43-48 Mr-Ap '60.

FIBERS

Reasons for the deterioration of the quality of plant fibers. P.V. Khlaptova. Sbor. nauch. rab. Len. inst. sov. torg. no.15:9-16 '60.

FIBERS--STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Fibers] Voloknistye kul'tury. Izd. ofitsial'noe. Moskva, 1959. 70 p. (Gosudarstvennye standarty SSSR)

FIBRIN

Fibrinolysis and its physiological significance. G.V. Andreenko. Usp. sovr. biol. 49 no.3:338-360 My-Je '60.

FIBULA (ARCHAEOLOGY) see subdivision under White Russia

FICTION, AUTOBIOGRAPHIC

Born of the revolution ("Soviet writers. Autobiographies in two volumes." Reviewed by [illegible]). Zvezda 38 no.7:201-208 Jl '60.

FIELD CROPS see subdivision under Leningrad Province; Ukraine

FIELD EXPERIMENTS see subdivision under Nizhniy Novgorod Government

FIELD MICE
(see also subdivision under Bol'shoy Onguren, Buryat Mongolia, Kazakhstan; Maritime Territory, Mongolia; Polesye, Transbaikalia)

Comparative study of some biological characteristics of the voles Microtus gregalis gregalis Pall., Microtus gregalis major Ogn., and their hybrids [with summary in English]. L.S. Sheveleva, E.I. Kopein, A.V. Pokrovskii. Zool. zhur. 39 no.6:904-910 Je '60.

Diurnal activity of the Mongolian gerbil and Brandt's field mouse. A.N. Leont'ev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:78-84 '57.

Extermination of Brandt's field vole with poisoned grain. A.N. Leont'ev, B.A. Khamagonov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:154-158 '58.

Partial destruction of populations of the vole Lagurus lagurus by heavy rains. I.G. Shubin. Trudy Inst. zool. AN Kazakh. SSR 13:64-69 '60.

Relations between the muskrat, water vole, and Microtus oeconomus. E.G. Samusenko. Biul. Inst. biol. AN BSSR no.3:259-264 '60.

FIELD MICE--DISEASES AND PESTS see subdivision under Kosh Agach District; Ulan Bator

FIELD MICE--PARASITES see Parasites--Field mice

FIELD THEORY

Causality of the nonlocal field theory. V.D. [illegible]. Dokl. AN SSSR 133 no.1:77-80 Jl '60.

Landau, L.D., and E.M. Lifshits. [Theoretical physics] Teoreticheskaia fizika. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol.2. [Field theory] Teoriia polia. Izd.3, perer. 1960. 400 p.

On the statistical theory of a nonlinear field. IA.P. Terletskii. Dokl. AN SSSR 133 no.3:568-571 Jl '60.

FIGHTER PLANES see subdivision under United States

FILLERS

New active white filler from by-products of superphosphate manufacture. B.N. Dinzburg, B.A. Safrai. Khim. prom. no.1:76-77 Ja-F '60.

[illegible] optic characteristics [illegible] '60.

FILMS (CHEMISTRY)

Composition of phosphate films forming in the presence of nitrates. [illegible] Zhur. prikl. khim. 33 no.7: [illegible] Jl '60.

[illegible]

"Optics of thin layer coatings." By G.V. Rozenberg. Reviewed by M.P. Lisitsa. Opt. i spektr. 9 no.1:130-131 Jl '60.

Processing of [illegible] terephthalate into a film. N.V. [illegible]

FILMSTRIPS

[illegible]

FILTERS AND FILTRATION
(see also subdivision under [illegible])

Apparatus for washing the sand of slow filters. [illegible] Ap '60.

Automatic switching on of [illegible] filters for cleaning. L.D. Zak, V.A. [illegible] 31 no.4:77-78 Ap '60.

New apparatus for [illegible] walls and filters. [illegible]

Protection against [illegible] filter press plates and frames [illegible]

Recovery [illegible] filters [illegible]

Selecting [illegible] during the [illegible]

Using [illegible]

FINANCE
(see also subdivision under [illegible] Province, Leningrad; [illegible])

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Tasks of [illegible]

[illegible]

Vasil'ev, P.V., and [illegible] 424 p.

FINANCE--BIBLIOGRAPHY see Bibliography--Finance

FINANCE--CONGRESSES

The All-Russian Congress of Financial Organs. [illegible]

FINANCIAL STATEMENTS see subdivision under United States

FINCHES see subdivision under [illegible] District; Buryat Mongolia

FINLAND--ARCHITECTURE

Modern Finnish architecture [illegible] in Moscow. Arkhit. SSSR [illegible]

FINLAND--PAPER INDUSTRY--EQUIPMENT AND SUPPLIES

Russia (1923- U.S.S.R.) [illegible] Finland [illegible] Moskva, [illegible] 1959. 47 p.

FINLAND--PETROLEUM INDUSTRY--FIRES AND FIRE PREVENTION

Fire prevention in the petroleum industry. [illegible] Pozh. delo 6 no.7: [illegible] Jl '60.

FINLAND--PHOTOGRAPHY OF CHILDREN

Children's world. V. [illegible] 25 no.4: [illegible] '60.

FINLAND—PINE

"Changes in the root relationships of pine stands on peat soils during the course of the year" [in German] by L. Heikurainen. Reviewed by L. S. Kozlovskaia. Bot. zhur. 45 no.7:1080-1081 Jl '60.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA

Big exhibition of a small country. Znan. sila 35 no.6:37 Je '60.

FINLAND—WOODPULP INDUSTRY

"Kaukopeta" sulfate pulp combine. V S Solomko Bum prom. 35 no 5 27-31 My '60

FINS

The paracaudal organ of the anchovy and its supposed function [with summary in English]. F.S. Zambriborshch, L.A. Men'shchikova, E.V. Mitasova. Zool. zhur. 39 no.7:1107-1109 Jl '60.

FIRE ALARMS

New automatic fire alarm systems. S. Zhdanov, V. Makarov. Pozh. delo 6 no.7:25-26 Jl '60.

FIRE DEPARTMENTS—EQUIPMENT AND SUPPLIES

Improving fire prevention equipment and techniques. Pozh. delo 6 no.7:1-2 Jl '60.

FIRE ENGINES—MAINTENANCE AND REPAIR

Improving the servicing of fire engines. N. Viktorov. Pozh. delo 6 no.7:23-24 Jl '60.

FIRE EXTINCTION

Fires in basements. N. Staren'kov. Pozh. delo 6 no.7:17-18 Jl '60.

Put an end to lagging in fire extinction. I. Bol'shova. Pozh. delo 6 no.7:26-27 Jl '60.

FIRE EXTINCTION—WATER SUPPLY

(see also subdivision under Talsi)

Importance of intensive water supply at the beginning of a fire. I. Troitskii. Pozh. delo 6 no.7:16-17 Jl '60.

Simplified hydrant. G. Metelitsyn. Pozh. delo 6 no.7:27 Jl '60.

FIRE PREVENTION

(see also subdivision under Baku; Kazakhstan)

Improving fire prevention equipment and techniques. Pozh. delo 6 no.7:1-2 Jl '60.

Not a single grain should be destroyed by fire. V. Vereskunov. Pozh. delo 6 no.7:8-9 Jl '60.

Readers letters. Pozh. delo 6 no.7:32 Jl '60.

Unusual case. V. Gribov. Pozh. delo 6 no.7:20 Jl '60.

Winter is not far. D. Tarasenko. Pozh. delo 6 no.7:6 Jl '60.

FIRE PREVENTION—INSPECTION

Inspection of new buildings. V. Kazakov. Pozh. delo 6 no.7:9 Jl '60.

FIRE PREVENTION—LAWS AND REGULATIONS

In the State Construction Office of the U.S.S.R. Zhil. stroi. no 5 32 My '60

FIREBRICK

Efficient methods for kilning firebricks. S. A. Blokh. Stek. i ker. 17 no.7:35-36 Jl '60.

Using unfired forsterite bricks in small-capacity furnaces. G. I. Antonov and others. Metallurg 5 no.7:17-20 Jl '60.

FIREMEN

(see also subdivision under Amur Province)

Always in the combat line. G. Akulenko. Pozh. delo 6 no.7:10-11 Jl '60.

FIREPROOFING

Fireproof lining of rotary kilns for kilning keramzit. A. N. Persiianov. Stroi. mat 6 no.5:25-26 My '60.

FIRES IN MINES see Mine fires

FIRST AID IN ILLNESS AND INJURY

First aid for unconscious patients. V. E. Levi. Fel'd. i akush. 25 no.5:23-20 My '60.

FISH, FROZEN

Storage temperature of frozen fish. P. Alekseev. Khol. tekh. 37 no.3:52 My-Je '60.

FISH CULTURE

(see also subdivision under Georgia; Kirghizistan; Uzbekistan)

Biological principles in pond fish culture. L. S. Berdichevskii. Vest. AN SSSR 30 no.7:102-104 Jl '60.

Materials on the raising of young-of-the-year gegarkuni trout of Lake Issyk-Kul'. A. O. Konurbaev. Izv. AN Kir. SSR, Ser. biol. nauk 1 no.4:103-109 '59.

FISH PONDS

(see also subdivision under Vinnitsa Province)

"Micro-organisms and the increase of the productivity of fish ponds" by A. G. Rodina. Reviewed by M. V. Ivanov. Mikrobiologiia 29 no.3:463-464 My-Je '60.

FISH PROCESSING PLANTS see subdivision under Azov region

FISHCHER, ANNI

Guest performances of foreign pianists. K. Adzhemov, I. Zhivov, R. Sov muz. 24 no.6:149-151 Je '60

FISHERIES

(see also subdivision under Lithuania)

Fish culture in local waters. V. Golubev. Sov. torg. 33 no.6 23-24 Je '60.

FISHERIES—HYGIENIC ASPECTS

Prokof'ev, V. P. [Labor hygiene in the fishing industry] Gigiena truda na rybnykh promyslakh. Moskva, Gos. izd-vo med. lit-ry, 1960. 22 p. (Nauchno-populiarnaia meditsinskaia literatura)

FISHERIES—STATISTICS

Moscow. Nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [World fisheries, according to the data of fisheries statistics of the Food and Agriculture Organization of the United Nations] Mirovoe rybolovstvo, po dannym rybolovnoi statistiki FAO. Moskva, 1959. 255 p.

FISHERY PRODUCTS—PRESERVATION

Methods of determining chlorotetracycline (biomycin) in fish tissues. G. B. Dubrova. Sbor. nauch. rab. Len. inst. sov. torg. no.15:47-60 '59.

Use of biomycin for storage of frozen fish fillets. T. N. Sakharova. Sbor. nauch. rab. Len. inst. sov. torg. no.15:76-83 '59.

FISHES

(see also subdivision under Georgia; Susamyr Valley)

Chemical nature and significance of inclusions in the oocytes of bony fishes [with summary in English]. O. F. Sakun. Arkh. anat. gist. i embr. 38 no.1 38-42 Ja '60.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD see subdivision under Katta-Kurgan Reservoir

FISHES—MIGRATION see subdivision under Danube River

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY

(see also subdivision under Caspian Sea)

Comparative analysis of the developmental stages of pike perch (Lucioperca lucioperca (Linne)) in the Volga, Don, and Kuban Rivers. E. N. Dmitrieva. Trudy Inst. morf. zhiv. no.25:99-136 '60.

Comparing the developmental stages of bream (Abramis brama (Linne)) from the Kuban limans and the Volga, and Don Rivers. E. F. Eremeeva. Trudy Inst. morf. zhiv. no.25:25-36 '60.

Comparing the developmental stages of carp (Cyprinus carpio (Linne)) from the Kuban limans and the Volga River. E. F. Eremeeva. Trudy Inst. morf. zhiv. no.25:37-46 '60.

Developmental stages of the Caspian roach (Rutilus rutilus caspicus (Jakowlew)) and the roach of the Kuban and Don Rivers (Rutilus rutilus heckeli (Nordmann)). N. O. Lange. Trudy Inst. morf. zhiv. no.25:47-98 '60.

Forms of quantitative self-regulatory adaptations in fish populations [with summary in English]. G. V. Nikol'skii. Zhur. ob. biol. 21 no.4:233-244 Jl-Ag '60.

Relation between gas exchange in young Sevan trout and the environmental temperature. L. P. Ryzhkov. Izv. AN Arm. SSR. Biol. nauki 13 no.2:17-26 F '60.

Some problems concerning the behavior of radioactive cobalt in the organism of fishes [with summary in English]. L. K. Frolova. Zhur. ob biol. 21 no.4:301-305 Jl-Ag '60.

Transition to subsequent stages of development as exemplified in the roach of the Kuban River (Rutilus rutilus heckeli (Nordmann)). E. F. Eremeeva. Trudy Inst. morf. zhiv. no.25:10-24 '60.

FISHES, FOSSIL

(see also subdivision under Chaplin region)

Find of remains of placoderms and crossopterygians in the Karabash area and the age of Karabash deposits. A. D. Rakcheev Sov. geol 3 no.5 116-117 My '60.

FISHING

(see also subdivision under Archangel Province)

[The angler] Rybolov-sportsmen; al'manakh. Moskva, Gos. izd-vo "Fizkul'tura i sport."
Vol. 14. 1960. 203 p.

Fishing in July. D. Samarin. Mast. ugl. 9 no.7:24 Jl '60.

FISHING—BIBLIOGRAPHY see Bibliography—Fishing

FISHING BOATS

(see also subdivision under Balkhash, Lake, Soviet Far East)

A group of lecturers aboard a ship. I. Sal'nik. Agitator no.14:56 Jl '60.

FISHING STORIES

Kondrat'ev, S. A. [Unusual incidents in hunting and fishing] Neobychnye sluchai na okhote i rybnoi lovle. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 107 p. (Puteshchestviia. Prikliucheniia. Fantastika)

FISSION PRODUCTS

Akaemiia nauk SSSR Radievyi institut [Radiochemical analysis of fission products, collected articles] Radiokhimicheskii analiz produktov deleniia, sbornik statei Moskva, 1960. 134 p

Range and kinetic energy dispersion of U^{233} fission fragments [with summary in English]. K. A. Petrzhak, IU. G. Petrov, E. A. Shliamin. Zhur. eksp. i teor. fiz. 38 no.6.1723-1728 Je '60.

FISTULA

Fistulas of the female generative organs as revealed by data of the Obstetrics Clinic of the Kazan State Institute for Specialization and Advanced Training of Physicians from 1946 to 1956. A Z. Urazaev. Kaz. med. zhur. 40 no.5 43-45 S-O '59.

FLAME

Flame. A. S. Sokolik. Priroda 49 no.7:39-45 Jl '60.

Possibility of using a resistance pyrometer in the investigation of the fine structure of a turbulent flame. K. P. Vlasov, N. N. Inozemtsev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.3,166-170 My-Je '60.

Theory of chain-thermal flame propagation. Report No.1: Two active centers. L. A. Lovachev. Izv. AN SSSR. Otd. khim. nauk no.6:1022-1029 Je '60.

FLAME—SPECTRA

Flame spectrophotometer with a spectrum recorder and its uses [with summary in English] N S Poluektov, S B Popova, L A Ovchar Zhur anal khim 15 no 2 131-137 Mr-Ap '60

N S Poleuktov's "Flame photometry methods of analysis." Reviewed by Sh G. Melamed Zav. lab 26 no 5 650 '60

Spectrum obtained from the flame of a converter in which cast iron is blown by a steam-oxygen mixture [with summary in English] K S. Garger, G. D. Krivulia, F. S Ortenberg Inzh.-fiz. zhur no 6 72-75 Je '60

FLAME HARDENING

Effect of heating and cooling parameters on the flame hardening of low-module gears by means of rapid rotation. A A. Egorov Trudy VNIIAvtogen no.7.139-147 '60.

FLAME HARDENING—EQUIPMENT AND SUPPLIES

Beshagin, S. P. [Flame process tooling for the industrial equipment used in electric vacuum production] Ognevoe osnashchenie tekhnologicheskogo oborudovaniia elektrovakuumnogo proizvodstva. Moskva, Gos. energ. izd-vo, 1960. 255 p.

FLAME PHOTOMETRY

Relation between radiation intensity and the concentration of 18 elements in the flame-photometric method of analysis [with summary in English]. N. S. Poluektov, R. A. Vitkun, L. A. Ovchar. Zhur. anal. khim. 15 no.3:264-271 My-Je '60.

FLAMINGOS see subdivision under Tengiz, Lake

FLAT BUGS

Effect of injuries produced by the flat bug Aradus cinnamomeus Panz. on the pine [with summary in English]. V. F. Razumova. Zool. zhur. 39 no.6 848-857 Je '60.

FLATFISHES see subdivision under Black Sea, Wilkes Land

FLAVONES

Method for the determination of flavonols in vegetable products and industrial preparations. G. A. Fedorova, V. A. Deviatnin. Trudy VNIVI 6:251-256 '59.

Paper chromatography of some substances related to vitamin P. G. A. Fedorova. Trudy VNIVI 6 256-260 '59.

FLAVONOIDS

Flavonoid transformation in curling tea leaves. K. M. Dzhemukhadze, M. N. Nestiuk. Dokl. AN SSSR 133 no.2:469-471 Jl '60.

FLEAS see subdivision under Amur River; Argun River, Transbaikalia; Daghestan; Khabarovsk, Khabarovsk Territory; Khanghai Mountains; Manchuria; Maritime Territory, Mongolia, Sakhalin, Sovetskaya Gavan; Transbaikalia; Transcarpathia, Ukraine, Vladivostok)

FLEAS AS CARRIERS OF DISEASE

Study of the possibility of the preservation and transmission by fleas of the causative agent of erysipeloid. V. IA. Golovacheva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:153-160 '58.

FLEXURE

Mixed problem on the bending of a square plate with a square cutout. R. S. Minasian. Dokl. AN Arm. SSR 30 no.1:19-29 '60.

Problem of the flexure of a composite rod with a slightly bent axis by a pair of forces. R. S. Minasian. Dokl. AN Azerb. SSR 16 no.4,331-335 '60.

Strength of a cylindrical shell under bending [with summary in English]. IU. A. Shevliakov, L. I. Manevych. Dop. AN URSR no.5,605-608 '60.

FLIGHT TO MARS see Space flight to Mars

FLIGHT TRAINING

(see also subdivision under Krasnoyarsk; Minsk, Yaroslavl)

Confidence is the main requisite for victory. P. P. Karavai. Vest. Vozd. Fl. no. 2:18-21 F '60.

Development willpower in flight cadets. L. P. Poliakov. Vest. Vozd. Fl. no. 7:26-31 Jl '60.

Executing our military duty... F. A. Vazhin. Vest. Vozd. Fl. no. 2:29-31 F '60

Exemplary conduct in labor, studies, and sports. A. Samokhin. Kryl. rod. 11 no 7:11 Jl '60.

Ground training of flight personnel is a good idea. G. E. Drakhlis. Vest. Vozd. Fl. no. 7:83 Jl '60.

The hero teaches how to fly under bad weather conditions. G. G. Semenko. Vest. Vozd. Fl. no. 2:26-29 F '60

An important link V Levshin Kryl rod 11 no 5 6 My '60

Improve the procedures of preflight preparations. P. F. Chupikov. Vest. Vozd. Fl. no 6:29-34 Je '60.

Improve the quality of combat training for our flyers. Vest. Vozd. Fl. no. 5.3-7 My '60.

Knowledge of engineering for our flight commanders. Vest. Vozd. Fl. no. 7:3-7 Jl '60.

The most important thing is to improve control. A. P. Nikiforov. Vest. Vozd. Fl. no. 5:27-32 My '60.

Our experience in training flight cadets. V. S. Marii. Vest Vozd. Fl. no. 6 35-39 Je '60.

This has to be done, but how? V. A. Kuznetsov. Vest. Vozd. Fl. no. 2:34-37 F '60.

Training on a YAK-18A is quite possible. B. V. Shikhov, G. D. Kishchenko. Vest. Vozd. Fl. no. 2:84 F '60.

We are for the graphic method in assigning flight missions. A. K. Sannikov. Vest. Vozd. Fl. no. 5:33-36 My '60.

We support this project. M. V. Kalnyshev, and others. Vest. Vozd. Fl. no. 2:84-85 F '60.

Yak-18 mock trainer. P. Kolesnikov. Kryl rod 11 no 5 21-22 My '60

FLOATING CRANES

Providing for the safe operation of floating cranes with flexible ties. N. D. Velikosel'skii. Sudostroenie no. 7:12-18 Jl '60.

FLOOD DAMS AND RESERVOIRS

Building flood dams using hydraulic fill. S. I. Legeza. Gidr. stroi. 30 no. 7:17-20 Jl '60.

FLOODS

Floods caused by rains. A. O. Kemmerikh. Priroda 49 no. 7:126-127 Jl '60

FLOORS

(see also subdivision under Leningrad)

Change No. 1 in "Norms for designing walls, ceilings, and floors," chapter 2-B. 4 of "Construction norms and regulations." Biul. stroi. tekh. 17 no. 7:24 Jl '60.

How to construct wooden floors without basements. I. K. Maliar. Sil'. bud. 10 no 5:17 My '60

Some problems in the analysis of modern precast reinforced concrete floors from the technical and economic point of view. M. D. Kontridze. Soob. AN Gruz. SSR 24 no. 4:443-449 Ap '60.

FLOORS, CONCRETE

Using precast monolithic reinforced concrete for floors and roofs. P. P. Litvinov. Bet. i zhel.-bet. no. 6:273-274 Je '60.

FLORENCE—LEARNED INSTITUTIONS AND SOCIETIES

"Celebration of the 300th anniversary of the founding of the Academy of Experimentation" [in Italian]. V. P. Zubov. Vop. ist. est. i tekh. no. 9 176 '60.

FLORESHTY—MEDICAL CENTERS—SANITATION

Carrying out measures for the improvement of sanitation in medical institutions S Ptashok, V. Zatokovenko, A Shchelochek Zdravookhranenie 3 no 2:62-64 Mr-Ap '60.

FLORICULTURE

Abnormalities of plants and their use in floriculture. N. I. Maltutin. Bot. zhur. 45 no. 5:710 My '60.

FLORIN, VIKTOR ANATOL'EVICH, 1899-1960

Viktor Anatol'evich Florin; obituary. Osn., fund. i mekh. grun. 2 no. 4:3 of cover '60.

FLOTATION

Airlift. IU. Medvedev. Izobr. i rats. no. 8:4-8 Ag '60.

Automatization of the control of pulp consumption in the flotation shop of a coal cleaning plant. A. G. Livintsev. Koks i khim. no. 7:11-15 '60.

Effect of dissolving a mineral on the properties of the solution - air interface and on the induction time in sticking. M. A. Eigeles, M. L. Volova. Dokl. AN SSSR 133 no. 4:897-900 Ag '60

Flotation method of isolating yeasts from yeast beer. K. P. Andreev and others. Gidroliz. i lesokhim. prom. 13 no. 3:11-14 '60.

complex copper-zinc ores." S. I. Mitrofanov. TSvet. met. 33 no. 5:76-77 My '60.

Investigation of the possibility of separating, by flotation, a precipitate - calcium sulfate mixture obtained from Kara-Tau phosphorites. M. E. Pozin, B. A. Kopylev, R. IU. Zinluk Trudy LTI no. 58:59-64 '59

Kinetics of the attachment of mineral particles to air bubbles in flotation. Part 3 Secondary electrical double layer near the moving surface of a bubble [with summary in English]. S. S. Dukhin. Zhur. fiz. khim 34 no. 5:1053 My '60

Preparation of secondary alcohols used as frothing agents for the flotation of ores L. A. Ivanova, B D Kruzhalov Khim prom 2 95-102 Mr '60

V. I. Klassen's and Mao Chi-fan's article "Mechanism of the effect of water glass in the floation of nonsulfide minerals." F. N. Belash and others. TSvet. met 33 no. 5:74-75 My '60.

FLOTATION—EQUIPMENT AND SUPPLIES

(see also subdivision under Yasinovka)

Shaking table for the skin flotation of coarse-grained mineral particles. V K. Babak TSvet met. 33 no 7:12-15 '60

FLOUR MILLS

(see also subdivision under Ulan Bator)

Ugolik, N. F., and L. V. Bartashev. [Organization of auxiliary economy of flour mills] Organizatsiia vspomogatel'nogo khoziaistva mukomol'nykh predpriiatii. Moskva, Khleboizdat, 1959. 157 p. (NNC)

FLOWERS—ANATOMY

Formation of stamens and the fibrous layer of anthers in the flower of some plants [with summary in English] V. G Aleksandrov, A. V Dobrotvorskaia Bot. zhur 45 no. 6 823-831 Je '60

FLOWERS—MORPHOLOGY

Tutaiuk, Valida. [Structure of double flowers] Stroenie makhrovykh tsvetkov. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 226 p.

FLOWERS—RADIOGRAPHY

Use of radiography in the study of flowers. E. I. Slepian, A. N. Kishkovskii. Bot. zhur. 45 no. 7:1009-1010 Jl '60.

FLOWMETERS

Automatic measurement of the flow of weak nitric acid and conversion to composition by weight V A Kolpakov, S. F Matveev Khim prom. 2 148-151 Mr '60.

FLUID DYNAMICS

Applications of liquid streams escaping in ejectors at pressures up to 1000 atmospheres [with summary in English]. A. A. Semerchan and others. Inzh.-fiz. zhur. no. 2.61-66 F '60.

Calculation of some axially nonsymmetrical conic flows [with summary in English]. P. I. Chushkin, V. V. Shennikov. Inzh.-fiz. zhur. no. 7:88-94 Jl '60.

Cauchy-Poisson problems for waves of finite amplitude. L. N. Sretenskii, IA. I. Sekerzh-Zen'kovich. Dokl. AN SSSR 133 no. 3:544-545 Jl '60.

Determining the law of motion of a cone in a nonhomogeneous fluid. E. M. Nersesian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6:103-107 '59.

Experimental investigation of the flow of an evaporating liquid film on a gas-swept cone surface. V. M. Poliaev. Izv. vys. ucheb. zav., mashinostr. no. 5:140-148 '60.

Geometry of an unsteady flow of an ideal noncompressible liquid. S. S. Biushgens. Izv. AN SSSR Ser. mat. 24 no. 2:171-202 Mr-Ap '60.

Longitudinal flow of a highly viscous fluid around a heated cylinder [with summary in English]. A. Sh. Asaturian, B. A. Tonkoshkurov. Inzh.-fiz. zhur. no. 7:106-111 Jl '60.

Madorskii, IA. IU., and E. V. Rovinskii. [Theory of airplane engines] Teoriia aviatsionnykh dvigatelei. Moskva, Voen. izd-vo M-va obor. SSSR.

Pt. 1. [Fundamentals of thermodynamics and gas dynamics] Osnovy termodinamiki i gazovoi dinamiki. 1960. 210 p.

One-dimensional motion of gases through a cylindrical channel with a given low of heat supply [with summary in English]. A. I. Leont'ev. Inzh.-fiz. zhur. no. 2.97-100 F '60.

Selection of a determining temperature in calculating convective heat exchange and friction under gas dynamic conditions [with summary in English]. S. I. Kosterin, IU. A. Koshmarov. Inzh.-fiz. zhur. no. 7:3-9 Jl '60.

Simple method for model studies of air streams. E. I. Poliakov. Vod i san tekh. no 7.20-21 Je '60.

FLUID MECHANICS

Coexistence of aperiodic flow with a free boundary. IU. P. Krasovskii. Dokl. AN SSSR 133 no. 4:768-770 Ag '60.

Interaction between strong explosion waves and an electromagnetic field. V. P. Korobeinikov, V. P. Karlikov. Dokl. AN SSSR 133 no. 4:764-767 Ag '60.

"Leonard Euler's works on mechanics relating to the theory of fluid bodies," edited by C. A. Truesdell. Reviewed by G. K. Mikhailov. Vop. ist. est. i tekh. no. 9:162-165 '60.

Heat conductivity and heat exchange in a fluidized bed. A. K. Bondareva, O. M. Todes. Inzh.-fiz. zhur. no. 2:105-110 F '60.

Heat exchange in a fluidized bed. S. S. Zabrodskii. Inzh.-fiz. zhur. no. 2:111-114 F '60.

Hydrodynamics of coarse-grained material in a vortex air flow [with summary in English] M. A. Grishin. Inzh.-fiz zhur. no 6 82-86 Je '60

Interfactory school on the exchange of progressive practices in the use of fluid bed processes. IU. A. Lainer. TSvet. met. 33 no. 5 80-82 My '60.

Kinetic method for the quantitative determination of the gap in reaction systems with different intensities of reagent mixing [with summary in English]. O. IA. Polotniuk. Inzh.-fiz. zhur. no. 7:127-131 Jl '60.

FLUIDS

Classical theory on the structure of pure fluids. S. S. Bagdasarian. Dokl. AN Azerb. SSR 16 no. 3:223-226 '60.

Methods of measuring the coefficient of thermal activity of fluids [with summary in English]. L. P. Filippov. Inzh.-fiz. zhur. no. 7:121-123 Jl '60.

FLUORESCENCE

Quenching of sensitized fluorescence in solutions. B. IA. Sveshnikov, L. A. Limareva. Dokl. AN SSSR 133 no. 4:807-810 Ag '60.

Relation between the fluorescence of organic luminescent indicators and reagents and their structure. E. A. Bozhevol'nov. Trudy IREA no. 23:147-165 '59.

Use of fluorescence analysis in the study of lichens [with summary in English]. M. A. Litvinov, M. I. Goland, T. S. Shcherbina Izv. AN SSSR. Ser. biol. no. 3,459-464 My-Je '60.

FLUORESCENCE MICROSCOPY

Fluorescence microscopy of peripheral blood [with summary in English]. M IA. Khodas Biofizika 5 no 3:369-373 '60

Use of ultraviolet fluorescent microscopy with cytological objects. E. M. Brumberg, I. IA. Barskii TSitologiia 2 no. 3:318-324 My-Je '60.

FLUORESCENT LAMPS

Circuit for installing fluorescent lamps into greenhouse lighting systems. IU N. Novikov. Svetotekhnika 6 no 6:22 Je '60.

Elimination of the flicker of daylight-type fluorescent lamps. E. Mokhov. Radio no. 7:24 Jl '60.

FLUORESCENT LIGHTING

Fluorescent lighting of double-unit trolley buses. IA. B. Zil'berblat, V. G. Koriagin, O. G. Koriagin. Gor. khoz. Mosk. 34 no. 7:36-38 Jl '60.

FLUORINATION

Fluorination of an acetonitrile complex by means of boron trifluoride. M. A. Englin and others. Zhur. ob. khim. 30 no. 7:2371-2374 Jl '60.

Fluorination of silver and potassium cyanates. A. IA. IAkubovich, M. A. Englin, S. P. Makarov. Zhur. ob. khim. 30 no. 7:2374-2377 Jl '60.

FLUORINE

Effect of fluorine on the viscosity of glasses in the systems Na_2O - BaO - SiO_2, Na_2O - PbO - SiO_2 and Na_2O-MgO - SiO_2 in the range of fritting temperatures. L. I. Gutorova, V. S. Kheifets. Trudy LTI no. 58:75-82 '59.

FLUORINE—ANALYSIS

Analysis of fluorine organic compounds; use of pyrohydrolysis for the simultaneous microdetermination of fluorine, carbon, and hydrogen (with summary in English] N. E Gel'man, M O Korshun, K I. Novozhilova Zhur anal. khim 15 no 2 222-226 Mr-Ap '60

Analysis of fluoroorganic compounds. Simultaneous microdetermination of fluorine, carbon, and hydrogen [with summary in English]. N. E. Gel'man, M. O. Korshun, K. I. Novozhilova. Zhur. anal. khim. 15 no. 3:342-346 My-Je '60.

FLUORINE—TOXICOLOGY

Phosphorus metabolism in long-term fluoride intoxication. R. D. Gabovich, V. I. Bukhovets, N. A. Ermakova. Vrach. delo no. 6:627-629 Je '60.

FLUORINE ORGANIC COMPOUNDS

Analysis of fluorine organic compounds; use of pyrohydrolysis for the simultaneous microdetermination of fluorine, carbon, and hydrogen [with summary in English] N E Gel'man, M O Korshun, K. I Novozhilova Zhur anal. khim. 15 no 2:222-226 Mr-Ap '60.

Fluorine-containing β-sultones. Report No. 2: Hydrolysis of tetrafluoroethane-β-sultone. M. A. Dmitriev, G. A. Sokol'skii, I. L. Knuniants. Izv. AN SSSR. Otd. khim. nauk no. 6:1035-1038 Je '60.

FLUORITE

(see also subdivision under Transbaikalia)

Deposit of optic fluorites. B. D. Efros. Zap. Vses. min. ob-va 89 no. 2:187-194 '60.

Ammonium salts of fluoroboric acids I.G. Ryss, L.P. Bogdanova. Zhur neorg khim 5 no.5 1028-1035 My '60

FLUX (METALLURGY)

Automatic welding of 1Kh18N9T steels under a ceramic FTSK flux. K.V. Liubavskii, E.P. L'vova. Svar. proizv. no.7:1-5 Jl '60.

Effect of operating conditions on the chemical composition of metals deposited under a ZhS-type ceramic flux. K.D. Bagrianskii and others. Svar.proizv. no.8:20-22 Ag '60.

FOAM RUBBER

Methods for producing polystyrene foam-rubber. G.I. Zokhin, A.S. Bykov. Stroi.mat. 6 no.7:23-26 Jl '60.

FOL'BORT HEORHII VOLODYMYROVYCH, 1885-1960

Heorhii Volodymyrovych Fol'bort; obituary. Fiziol.zhur. [Ukr.] 6 no.3:429-430 My-Je '60.

On the 75th birthday of Ukrainian Academician H.V. Fol'bort. IE.K. Prykhod'kova. Fiziol.zhur.[Ukr.] 6 no.2.147-152 '60.

FOLK ART

Problems of the development of folk art in Antonio Gramsci's "Notes of a prisoner." A.A. Lebedev. Vop. filos. 14 no.7:78-89 '60.

FOLK LITERATURE

A new anthology of folklore ("Russian folk poetry." Reviewed by B. Putilov). Vop. lit. 4 no. 8:218-221 Ag '60

FOLK LITERATURE, KOMI

Oral and poetic works of the Komi people. F.V. Plesovskii. Ist.-filol.sbor. no.4:145-176 '58.

Relationship between the Komi and Russian people according to history and folklore. F.V. Plesovskii. Ist.-filol.sbor. no.4:120-143 '58.

FOLK SONGS—HISTORY AND CRITICISM

Variants of drawn-out songs. I. Zemtsovskii. Sov.muz. 24 no.7:101-107 Jl '60.

FOLK SONGS, CHINESE

New China sings ("Songs of the red banner." Reviewed by S. Markova). Inostr. lit. no.7:266-267 Jl '60.

FOLK SONGS, KOMI—HISTORY AND CRITICISM

Kondrat'eva, M.I., and S.A. Kondrat'ev. [The Komi folk song] Komi narodnaia pesnia. Pod obshchei red. S.V. Aksiuka. Moskva, Sovetskii kompozitor, 1959. 144 p.

FOLKLORE

(see also subdivision under Archangel Province)

Current problems in studying folklore. V.E. Gusev. Vest.AN SSSR 30 no.7:39-44 Jl '60.

FOLKLORE, BURYAT

Some comments on the terminology of Buryat folklore. S.P. Baldaev. Kraeved.sbor. no.4:163-165 '59.

FOLKLORE, SIBERIAN

Pioneers in the folklore of old inhabitants of Siberia. L.E. Eliasov. Kraeved.sbor. no.4:130-162 '59.

FOLKLORE, WHITE RUSSIAN

Conference of White Russian folklorists Vestsi AN BSSR.Ser hram.nav. no 2:135-136 '60

FOOD

Food odors. I. Vol'per. Obshchestv pit. no.6:38-39 Je '60

Some problems in the study of foodstuffs. Sh.K. Chogovadze. Sbor.nauch.rab.Len.inst.sov.torg. no.15:3-8 '59.

FOOD—ANALYSIS

Mechanized calculation of the food value of products. D.G. Bondarenko. Voen.-med.zhur. no.6:82 Je '60.

FOOD ADDITIVES

Expanding the production of food acids. S.I. Brovkin. Khleb.i kond.prom. 4 no.7:1-3 Jl '60.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY

(see also subdivision under Mongolia)

Air conditioning in overheated food-processing shops [with summary in English]. L. Antontseva. Khol.tekh. 37 no.3:32-34 My-Je '60.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Ukraine)

[Assembly of equipment and plants of the food industry; a reference manual] Montazh predpriiatii pishchevoi promyshlennosti; kratkoe spravochnoe posobie. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 376 p.

PKA-10, a potato processing unit. Z. Bogoiavlenskii, N. Rovengerov Sov.potreb.koop. 4 no 6:46 Je '60.

[Cost manual for the assembling of equipment] TSennik na montazh oborudovaniia. Izd. 2. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam.

No. 30. [Equipment of elevators, mills, groats, mixed feed, and corn processing plants] Oborudovanie elevatorov, mel'nits, krupianykh, kombikormovykh i kukuruznykh zavodov. 1960. 51 p.

FOOD SUPPLY—HYGIENIC ASPECTS

Moreinis, I.IA. [Hygiene of nutrition] Gigiena pitaniia. Izd. 5., ispr. Moskva, Gos. izd-vo med. lit-ry, 1960. 434 p.

FOOT—ABNORMITIES AND DEFORMITIES

Prevention and treatment of platypodia. A.F. Kaptelin. Med. sestra 19 no.8:21-25 Ag '60.

FOOT—DISLOCATIONS

Case of dislocation in Lisfranc's joint. M.M. Mir-Kasimov. Azerb.med.zhur. no.5 56-58 My '60.

FORAGE PLANTS

Elsukov, M.P., and A.I. Tiutiunnikov. [Annual forage plants in seed mixtures] Odnoletnie kormovye kul'tury v smeshannykh posevakh. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959. 307 p.
(DA)

[Forage crop rotation] Zelenyi konveier. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 123 p. (Peredovoi opyt v sel'skom khoziaistve)
(DA)

FORAMINIFERA, FOSSIL

(see also subdivision under Donets Basin, Kara-Chatyr Range; Russian Platform, Sakhalin)

Stereoscopic photomicrography of foraminifers. V.V. Krivoborskii. Trudy VNIGRI no.153:327-339 '60.

Stratigraphy of Oligocene and Miocene deposits of Ciscarpathia based on the study of foraminifers. N.N. Subbotina, L.S. Pishvanova, L.V. Ivanova. Trudy VNIGRI no.153:5-155 '60.

FORCE AND ENERGY

Comparison of the activation energy for the reorientation of molecules with the activation energy of viscous flow. M.F. Vuks. Opt.i spektr. 9 no.1:92-94 Jl '60.

FORCEPS, OBSTETRIC

Immediate and late effects of the application of forceps on the mother. S.A. Aleksaniants. Izv.AN Arm.SSR. Biol.nauki 13 no.1:75-84 Ja '60.

FOREIGN BODIES (SURGERY)

Errors in radiography and expert evaluation in cases of foreign bodies. IU.N. Zadvornov Trudy LIETIN 2 361-368 '59

FOREIGN EXCHANGE

(see also subdivision under Europe, Western)

Brief information on foreign exchange and foreign banks. Den.i kred. 18 no.7:83-84 Jl '60.

Brief information of foreign exchange and foreign banks. Den.i kred. 18 no.8:78-81 Ag '60.

What is "clearing." S. Nikolotov. Polit.samoobr. 4 no.6:77-79 Je '60

FOREIGN STUDENTS see Students, Foreign

FOREIGN TOURISTS see Tourists, Foreign

FOREMEN

Always besides her apprentices. Zh Mikhailava. Rab i stal 36 no.6:6-7 Je '60.

Foremen are the brains of industrial enterprises. P. Runov. Agitator no.10:52-53 My '60.

Let's be equal to the noble rank of a foreman. V. Guzman. Agitator no.10:51 My '60.

They mastered two specialties. G. Monastyrenko. Agitator no.10:53 My '60.

We are responsible for the workers. P. Pykhalov. Agitator no.10:52 My '60.

We should educate the man of the future. A. Mamontov. Agitator no.10:51 My '60.

We should know each worker. V. Evsiuk. Agitator no.10: 50 My '60.

When there will be no difference between a foreman and a group leader A. Vrevskii Otv na vop trud no 11:6 17 '60.

Workers are my mainstay. N. Lukin. Agitator no.10: 50-51 My '60.

FOREST ECOLOGY

(see also subdivision under Kamchatka Valley; Tatar A.S.S.R.; West Kazakhstan Province, Yaroslavl Province)

Experimental investigation of radioisotope distribution in natural biogeocoenoses. G.I. Makhonina and others. Dokl.AN SSSR 133 no.2:484-487 Jl '60.

Grudzinskaia, I.A., and L.A. Khrennikova. [Changes in the grass cover under oak-ash stands following improvement cuttings] Izmenenie travianogo pokrova pod pologom dubovo-iasenevogo nasazhdeniia v sviazi s rubkami ukhoda. Moskva, Izd-vo Akad. nauk SSSR, 1960. 28 p.

[with summary in English] L.I. Rysin. Biul. MOIP. Otd.biol 65 no.3:103-115 My-Je '60.

FOREST FAUNA

Ecologico-geographical features of the formation of the bird fauna in artificial forest stands of the Ukrainian and Ciscaucasian steppe zone Part 1 [with summary in English]. A.S. Budnichenko. Biul. MOIP. Otd. biol 65 no.3:37-45 My-Je '60.

"Nesting life of singing birds; reproduction and postembyronic development of forest birds in the European part of the U.S.S.R." by A.S. Mal'chevskii. Reviewed by I.B. Volchanetskii. Biul. MOIP Otd.biol. 65 no.3: 136-138 My-Je '60.

FOREST INFLUENCES

Effect of trees on the microrelief and complexity of soils. O.V. Butuzova. Bot.zhur. 45 no.5 707-709 My '60.

Runoff in the forest zone of the European part of the U.S.S.R.; qualitative analysis of runoff formation based on the data of overland flow and spring runoff in small drainage basins. D.D. Kvasov. Uch.zap.LGU no.292 3-80 '60.

FOREST INSECTS

Larvae of stag beetles (Coleoptera, Lucanidae) as destructors of decaying wood in oak forests of the European part of the U.S.S.R. [with summary in English]. B.M. Mamaev. Zool.zhur. 39 no.6:873-881 Je '60.

Snout beetle species of the genus Apion occurring in the crowns of trees and shrubs in White Russia. A.S. Shalapienak. Vestsi AN BSSR.Ser.biial.nav. no.2:92-101 '60.

FOREST PLANTING see Afforestation

FOREST POLICY

Lenin's decrees on forests as the foundation of Soviet forestry. I.D. IUrkevich. Vestsi AN BSSR.Ser biial. nav. no.2:15-24 '60.

FOREST PROTECTION see subdivision under China

FOREST RESERVES see subdivision under White Russia

FOREST SOILS

(see also subdivision under East Kazakhstan Province; Kirghizistan)

Role of forests in the desalination of irrigated soil. A.P. Biriukova Trudy SIMSKH no 14 3-11 '59

FORESTRY RESEARCH see subdivision under Moscow Province; Murmansk Province

FORESTS AND FORESTRY

(see also subdivision under Azerbaijan, Kirghiz Range; White Russia, Yakutia)

Akademiia nauk SSSR. Laboratoriia lesovedeniia. [Recent forestry research] Novye lesovodstvennye issledovaniia. Moskva, Izd-vo Akad.nauk SSSR, 1960. 129 p.

"Forest treasures" by B V Grozdov Reviewed by A.S. Usol'tseva. Biol v shkole no 4 91 Jl-Ag '60

Georgievskii, N.P. [Increasing the productivity of forests] Povyshenie produktivnosti lesov. Moskva, Goslesbumizdat, 1960. 35 p.

Kolesnikov, A.S., and others. [Handbook for collective-farm foresters, a reference manual] V pomoshch' kolkhoznomu lesovodu; spravochnoe posobie. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 287 p.
(DA)

FORESTS AND FORESTRY—ECONOMIC ASPECTS

Vasil'ev, P.V., and others, eds. [Economics of Soviet forestry] Ekonomika lesnogo khoziaistva SSSR. Moskva, Goslesbumizdat, 1959. 371 p.
(NNC)

FORESTS AND FORESTRY—VALUATION

Matveev-Motin, A.S. [Universal method forest reserves during enumerative va sal'nyi sposob opredeleniia zapasa dre perechislitel'noi taksatsii. Moskv
1960. 76 p.

Krymskii, I.I. [Finishing operations in forge shops] Otdelochnye operatsii v kuznechno-shtampovochnykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 110 p.

Moscow. Nauchno-issledovatel'skii institut truda. TSentral'noe biuro promyshlennykh normativov po trudu. [General engineering time norms for cold forging] Obshchemashinostroitel'nye normativy vremeni na kholodnuiu shtampovku. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 151 p.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Some technological problems in the manufacture of heavy machinery] Nekotorye voprosy tekhnologii tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. ([Trudy], no. 90).

Pt. 1. [Steel smelting and casting, founding, heat treatment, shaping metals by pressure] Vyplavka i razlivka stali, liteinoe proizvodstvo, termicheskaia obrabotka, obrabotka metallov davleniem. 1960. 200 p.

Standard load graph for die forging with a horizontal forging machine. I.I. Zhivov. Izv. vys. ucheb. zav.; mashinostr. no. 6:120-128 '60.

FORGING MACHINERY

Determining power parameters of high-speed hot-forming crank presses. V.F. Volkovitskii. Vest. mash. 40 no. 7:50-55 Jl '60.

Mednick, B.E., and V.P. Bushe. [Multiple position automatic forging machines] Mnogopozitsionnye shtampovochnye avtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 47 p.

FORMALDEHYDE

Kinetics of the condensation reaction between urea and formaldehyde at high temperatures. V.N. Gorbunov, S.S. Rydvanova. Plast. massy no. 8:5-9 '60.

Methods of evaluating certain properties of polyformaldehyde. I. Feigin, I. Zakrevskii. Plast. massy no. 8: 60-64 '60.

FORMIC ACID

Method for the continuous production of the methyl and ethyl esters of formic and acetic acid. V.M. Tsvetkov, N.D. Kobeliatseva. Trudy VNIVI 8:31-33 '59.

Monovalent thallium formates. I.I. Chernikov, I.V. Shmelev-skaia, A.A. Korablin. Zhur. neorg. khim. 5 no. 5:1054 My '60.

Vapor pressure of three-component systems. Part 3: The system formic acid - 1,2-dichloroethane - water (with nomograms, in English). V.V. Udovenko, L.P. Aleksandrova. Zhur. fiz. khim. 34 no. 6:1366-1372 Je '60.

FORMOSA—ECONOMIC CONDITIONS

Chiang Kai-shek on a volcano. V. Agarkov. Sovr. Vost. no. 7:43 Jl '60.

FORMOSA—INVESTMENTS, AMERICAN

Chiang Kai-shek on a volcano. V. Agarkov. Sovr. Vost. no. 7:43 Jl '60.

FORSH, OL'GA DMITRIEVNA, 1875

Messer, R. Ol'ga Forsh. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1955. 209 p. (MIRA 13)

FORTIFICATIONS, OLD

Main stages in the development of old Russian military architecture. P.A. Rappoport. Sov. arkheol. 4 no. 3: 56-64 '60.

Twelfth-century fortress walls of the Pechersky Monastery in Kiev. V.A. Bogusevich. Krat. soob. Inst. arkheol. AN URSR no. 9:108-111 '60.

FOUNDATIONS

(see also subdivision under Leningrad)

About E.I. Medkov's article "Calculating natural foundations according to their deformations." Osn., fund. i mekh. grun. 2 no. 4:25-26 '60.

Answers to readers' questions. Iu. M. Abelev. Osn., fund. i mekh. grun. 2 no. 1:9 '60.

Calculating maximum temperatures of house foundations with basements built in permafrost. S.V. Tomirdiaro. Osn., fund. i mekh. grun. 2 no. 4:15-18 '60.

"Calculating the settlement of structures of hydroelectric power stations" by S.A. Roza. Reviewed by N.N. Maslov. Osn., fund. i mekh. grun. 2 no. 4:28-30 '60.

Calculating the stability and strength of earth foundations of hydraulic structures. I.N. Shcherbina. Trudy Gidroproekta 2:117-167 '59.

"Calculating the strength of foundations" by V.G. Berezantsev. Reviewed by M.V. Malyshev. Osn., fund. i mekh. grun. 2 no. 1:31-32 '60.

Consolidating foundations with thermokarst cavities. D.V. IAtsenko. Osn., fund. i mekh. grun. 2 no. 1:27-28 '60.

Effect of organic materials in fill foundations on the settlement of structures. V.I. Krutov. Osn., fund. i mekh. grun. 2 no. 4:25 '60.

Foundation stability of damming structures according to the theory of earth at equilibrium. N.I. Golovanov. Trudy Gidroproekta 3:91-100 '60.

[In German] by V. Plagemann, V. Langner. Reviewed by I.I. Cherkasov. Osn., fund. i mekh. grun. 2 no. 4:31 '60.

How to construct the foundations of rammed slag walls. Sel'. stroi. 15 no. 4:23 Ap '60.

Lateral pressure in loess soils. A.A. Grigorian. Osn., fund. i mekh. grun. 2 no. 1:20-21 '60.

Making and assembling large-panel foundations of buildings. M.A. Sitnikov. Osn., fund. i mekh. grun. 2 no. 1:22-24 '60.

Moisture balance in clayey soils near foundations of finished buildings. I.I. Fedorov. Osn., fund. i mekh. grun. 2 no. 1:18-19 '60.

More about the depth of footings in heaving soils. G.I. Gorbunov. Osn., fund. i mekh. grun. 2 no. 1:20 '60.

Pile foundations of large-panel apartment houses. Osn., fund. i mekh. grun. 2 no. 1:1 '60.

Results of the conference on using vibration in constructing foundations. D.D. Barkan. Osn., fund. i mekh. grun. 2 no. 4:10-12 '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for deep stabilization of macroporous sagging (loess) soils using soil piles in constructing foundations of buildings and structures] Instruktsii po glubinnomu uplotneniiu makroporistykh prosadochnykh (lessovykh) gruntov gruntovymi svaiami v osnovanii zdanii i sooruzhenii (SN 33-58). Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1959. 35 p.

Selecting strong methods for building on permafrost. V.I. Zhukov, A.N. Tolstov. Osn., fund. i mekh. grun. 2 no. 4:27-28 '60.

Shapes of elastic cores in sand foundations under rigid footings subjected to critical loads. M.I. Gorbunov-Posadov. Osn., fund. i mekh. grun. 2 no. 1:1-6 '60.

Simplified methods for calculating the settlement of foundations. V.V. Nikitin. Osn., fund. i mekh. grun. 2 no. 1:21-24 '60.

Soil piles. N. Landa. Stroitel' no. 6:32 Je '60.

Stability of submerged sand foundations during blasting operations. A.M. Aronov. Osn., fund. i mekh. grun. 2 no. 1:6-9 '60.

The theory of stress distribution in granular soil foundations. I.I. Kandaurov. Osn., fund. i mekh. grun. 2 no. 4:6-9 '60.

Urban development of our common cause. Osn., fund. i mekh. grun. 2 no. 1:1-3 '60.

Vinokurov, I.I. [Designing foundations; industrial, residential, and public building construction] Raschet osnovanii i fundamentov; promyshlennoe i grazhdanskoe stroitel'stvo. Izd. 2., perer. i dop. Minsk, Izd-vo Akad. nauk BSSR, 1960. 308 p.

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDATIONS—VIBRATION

Calculating the vibration of foundations subjected to periodic and impact loads. [illegible] Issled. po teorii sooruzh. no. 2:5-[illegible] '60.

FOUNDING

(see also subdivision under Minsk)

From experience in ferrosilicon founding. I.M. IAr [illegible] V.A. Lenh. Lit. proizv. no. 7:41-42 Jl '60.

Gulaev, B.B. [Founding processes] Liteinye protsessy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 415 p.

Mastering the manufacture of a V-shaped crankshaft for [illegible] A.A. Tamanov. Lit. proizv. no. 7:8-9 Jl '60.

Mining Engineer A.F. Meylos, author of the first Russian manual on foundry practice. [illegible] Vop. ist. est. i tekh. no. 9:157-158 '60.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Some technological problems in the manufacture of heavy machinery] Nekotorye voprosy tekhnologii tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. ([Trudy], no. 98).

Pt. 1. [Steel smelting and casting, founding, heat treatment, shaping metals by pressure] Vyplavka i razlivka stali, liteinoe proizvodstvo, termicheskaia obrabotka, obrabotka metallov davleniem. 1960. 268 p.

Novikov, P.G., E.F. Lisitsyna, and M.V. Pedina. [Foreign practices in making large steel castings] Proizvodstvo krupnogo stal'nogo lit'ia za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 83 p.

[Theory of founding processes] Voprosy teorii liteinykh protsessov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 692 p.

Using exothermic mixtures for heating the heads of steel castings. A.D. Butusov and others. Prom. energ. 15 no. 6:14 Je '60.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDING—CONGRESSES

At the Leipzig conference on "Patterns and Foundry Molds." P.F. Vasilevskii, P.V. Chernogorov. Lit. proizv. no. 7:46-47 Jl '60.

Ilinsov, A.N., [illegible], and M.M. Butylin. [Mechanization of casting in shell molds] Mekhanizatsiia lit'ia v obolochkovye formy. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 171 p.

FOUNDING see subdivision under Gomel'

FOUNDING—EQUIPMENT AND SUPPLIES

Casting flasks [illegible] pouring device. G.F. Balandin and others. Lit. proizv. no. 7:44 [illegible] Jl '60.

[illegible] Lit. proizv. no. 7: 47 Jl '60.

"Foundry machines" by A.I. Vail'ovich, A.P. Iakshin, [illegible] Reviewed by P.N. Aksenov. Lit. proizv. no. 7:47-48 Jl [illegible]

Kurdiukov, A.M. [Use of metals used in founding] [illegible] Moskva, Izd-vo Akad. nauk [illegible] 1960. [illegible] p.

Foundry equipment at the Brno [illegible] Spring Fair. V. Bogomol'. Lit. proizv. no. 7:10 Jl '60.

New [illegible]

Semiautomatic molding on a rotating conveyer. V.N. Nefedov. Lit. proizv. no. 7:40 Jl '60.

FOUNDING—EQUIPMENT AND SUPPLIES—STANDARDS

[illegible] Moskva, [illegible]

[Molding [illegible]] [illegible] Moskva, [illegible]

FOUNDING—QUALITY CONTROL

The effect of [illegible] blast-furnace [illegible] quality [illegible] P.V. Chernogorov, [illegible]

[illegible] in making [illegible] V.K. [illegible]

[illegible] H.V. [illegible]

[illegible] surfaces. [illegible]

FOUNDRY [illegible]

FOURIER [illegible]

[illegible]

[illegible]

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURE[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible] APPARATUS AND APPLIANCES

[illegible]

FRANCE—[illegible]

[illegible]

FRANCE—[illegible]

[illegible]

[illegible]

[illegible]

France. M.[illegible] Obv.na vop.trud no.112 41-40 [illegible]

[illegible] is getting closer. [illegible] Kul't i zhizn' [illegible] 6:2 [illegible] '60.

[illegible] unforgettable meetings. I.Vidmanova. Polit.samoobr. 4 no.[illegible]:30 My '60.

"We are glad to see you in France." I. Nikitin. Blok. agit. [illegible] no.[illegible]:13 21 My '60.

FRANCE—GAS TURBINE LOCOMOTIVES

French gas-turbine locomotive with free-piston gas generators. A.M.Evtushenko. Vest.TSNII MPS 19 no.4:59-61 '60.

FRANCE—HOISTING MACHINERY

Vertical belt conveyor elevator (from "Industrie [illegible]" [illegible] 1959). [illegible] 14 no.[illegible] '60.

FRANCE—LABOR AND LABORING CLASSES

[illegible] was a [illegible] of the French proletariat during the [illegible] war. [illegible] Vol'fson. [illegible] no.2:102-[illegible] '60.

[illegible], A.I. [Workers' movement in France after the Second World War] Rabochee dvizhenie vo Frantsii posle Vtoroi Mirovoi voiny. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1959. 67 p. (Istoriia mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia)

FRANCE—OCEAN LINERS

[illegible] ship, "Napoleon" (from "Shipping World" [illegible] 1960, "Sea and shipping," no. [illegible]). [illegible] 26 no.[illegible] Je '60.

FRANCE—PAINTINGS

[illegible] exhibitions. Nov.vrem. 18 no.31:15 Jl '60.

FRANCE—PEASANTRY

[illegible] the peasant movement in France. [illegible] no.7:[illegible] Jl '60.

FRANCE—[illegible]

The [illegible] pages of foreign newspapers. Sots.zakon. 31 no.6:34-38 Je '60.

FRANCE—POLITICS AND GOVERNMENT

France. M.Domnich. Obv.na vop.trud no.112 41-40 [illegible]

FRANCE—[illegible]

[illegible] engineering in France in 1959 (from "[illegible]" [illegible], 1959) [illegible] no.[illegible] My '60.

FRANCE—PRECAST CONCRETE CONSTRUCTION

[illegible] for large panel housing construction used in France. [illegible] no.[illegible] '60.

FRANCE—PUMPING MACHINERY

[illegible] 14 no.7:43-44 Jl '60.

FRANCE—RAILROADS—SIGNALING

[illegible] features in French railroads. I.M.Gluzman. Avtom., telem. i sviaz' 4 no.[illegible]:44-45 Jl '60.

FRANCE—RELATIONS (GENERAL) WITH RUSSIA

[illegible] '60.

"[illegible] Moscow again." [illegible] '60.

[illegible] to our friend. K.Vishnevetskii. Smena 37 no.[illegible]:24 Jl '60.

A review of Soviet-French cultural relations. M.S.Kos'[illegible] 4 no.7:100-[illegible] My-Je '60.

[illegible] with French scientists. [illegible] '60.

We are friends [illegible] cultural relations; letter from France. [illegible] '60.

[illegible] "Noman" by Francois de [illegible] no.[illegible] Je [illegible]

FRANCE—SCIENTIFIC APPARATUS AND INSTRUMENTS

[illegible] Nauka i zhizn' 27 no.5 [illegible] My '60.

FRANCE—SEWAGE—PURIFICATION

[illegible], Z. A. [Sewage treatment plants in England and France] Stantsii aeratsii Anglii i Frantsii. Moskva, [illegible] RSFSR, 1959. 92 p.

FRANCE—SOCIALIST PARTIES

[illegible] Nov.vrem. 18 no.[illegible]:24 Jl '60.

FRANCE—TECHNICAL EDUCATION

Training of technical personnel in France. A.Perrone. Prof.-tekh.obr. 17 no.6:34-35 Je '60.

FRANCE—TELEVISION—EQUIPMENT AND SUPPLIES

Television apparatus at the French Measuring Instruments exhibition. Tekh.kino i telev. 4 no.6:96-97 Je '60.

Origin and development of the women's movement (continuation). Zhen.mira no.6:26-28 '60.

FRANCE—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Rubakin, A.N. [In the vortex of events; reminiscences of events in France, 1939-1943] V vodovorote sobytii, vospominaniia o prebyvanii vo Frantsii v 1939-1943 gg. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 270 p.

FRANK, LEONHARD, 1882-

The right to live, to be continued. Lev Ginzburg. Nov. vrem. 18 no.28 25-27 Jl '60.

FRANKO, IVAN, 1856-1916

Synonymous verbs in I. Franko's poems. L.M.Poliuha. Dosl. i mat. z ukr. movy 2:57-65 '60.

FREIGHT AND FREIGHTAGE see subdivision under North Kazakhstan Economic region

FREIGHT HANDLING

New type of pallets for haulage of factory-packed freight. I.V.Shtefko, E.I.Ridel'. Zhel.dor.transp. 42 no.6: 70-73 Je '60.

FREIGHTERS

(see also subdivision under Sweden, United States)

Perishable cargo carrier. S.S.Vershinin. Biul.tekh.-ekon.inform. no.7:60-61 '60

FREIGHTERS—HANDLING

Drozdov, O.A., and K.V.Postnikov. [Operation of "Kharan" type vessels] Opyt ekspluatatsii sudov tipa "Kharan." Moskva, Izd-vo "Morskoi transport," 1960. 79 p. (Biblioteka po obmenu opytom na morskom transporte)

FREIGHTERS—PASSENGER TRAFFIC

New cargo-passenger 600 hp. diesel vessel. R. Novik, R. Kolarov. Rech.transp. 19 no.5:17-22 My '60.

FRENCH LITERATURE—HISTORY AND CRITICISM

Tomashevskii, B.V. [Pushkin and France] Pushkin i Frantsiia. Leningrad, Sovetskii pisatel', 1960. 400 p.

FRENCH PERIODICALS

What is art? N.Rzhevskaia. Vop.lit. 4 no.8:132-137 Ag '60.

FRENKEL', DANIIL GRIGOR'EVICH, 1906-

"The poor bride" in the operatic theater. D. Rabinovich. Sov.muz. 24 no.6:102-110 Je '60.

FREONS

Freon leak detectors. V.Tikhomirov. Khol.tekh. 37 no.3:[illegible]-73 My-Je '60.

Thermodynamic properties of Freon 142. Khol.tekh. 37 no.3:74-77 My-Je '60.

FREQUENCIES OF OSCILLATING SYSTEMS

Width of the spectrum line and fluctuation of parameters in self-oscillatory systems. A.N.Malakhov. Izv.vys.ucheb.zav.; radiofiz. 3 no.2:[illegible]-256 '60.

FREQUENCY CHANGERS

Converter for a band of 420 to 435 megacycles. V.Shelko, G.Burko. Radio no.6:38-39 Je '60.

FREQUENCY REGULATION

Automatic tuning and frequency control in radio receivers. S.[illegible] Radio no.6:48-50 Je '60.

Reference sheet. Radio no.7:59-60 Jl '60.

FRESH-WATER FAUNA

Desorption of radioisotopes from some aquatic invertebrates. A.B.[illegible] Dokl.AN SSSR 133 no.2:[illegible]-161 Jl '60.

Effect of 2,4-D on pond invertebrates [with summary in English]. I.P.Brahinets'kyi, I.P.Rotovs'ka. Dop.AN URSR no.4:528-531 '60.

FREUD, SIGMUND, 1856-1939

Monograph "Pavlov and Freud" by Harry Wells. Reviewed by F.V.Bassin. Kul't i zhizn' 4 no.7:60-62 '60

FRICTION

Basic characteristics of antiwear and antifrictional properties of hydrocarbons subjected to heavy friction. G.V.Vinogradov, V.V.Arkharova. Khim.i tekh.topl. i masel 5 no.5:45-49 My '60.

Dependence of the friction coefficient in cold rolling on the roughness of the rolls. I.M.Pavlov, P.I.Davidkov. Sbor.Inst.stali no.39:113-131 '60.

Effect of temperature on the coefficient of dry external friction of metals. A.M.Zuev. Izv.vys.ucheb.zav.; fiz. no.3:235-238 '60.

Experimental study of the forces of lateral friction of concrete surfaces against soil [with summary in English]. H.M.Petrenko. Dop.AN URSR no.6:740-745 '60.

Friction between rubber and solid materials. Kauch.i rez. 19 no.5:31-37 My '60.

Investigating the coefficient of friction and selecting the right material for hard facing rolls on pipe piercing mills. I.M.Pavlov, V.IA.Osadchii. Sbor.Inst.stali no.39:195-205 '60.

349-351 Jl '60.

Slobodianikov, S.S. [Increasing the wear resistance of machine parts] Povyshenie stoikosti detalei mashin. [Moskva] Mosk. rabochii, 1960. 91 p.

Thickness of the plastic layer on contacting surfaces resulting from friction. B.P.Stoiukhin. Izv.vys.ucheb.zav.; mashinostr. no.5 55-60 '60.

FRIDENBERG, KONSTANTIN ERNESTOVICH, 1896-1960

In memory of K.E.Fridenberg. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.3 160 '60.

FRIDLIAND, SEMEN

News photographer and reporter. Sov.foto 20 no.5:25 My '60.

FRINGE BENEFITS see Non-wage payments

FROLOV, IVAN TIMOFEEVICH

In the forward area. M.F.Rebrov. Vest.Vozd.Fl. no.6: 75-79 Je '60.

FROST RESISTANT CONCRETE

Strength and frost resistance of concretes made with carbonate aggregates. A.A.Gordeev. Gidr.stroi. 30 no.7:21-25 Jl '60.

FROZEN GROUND

(see also subdivision under Arctic regions, Siberia, Western)

Calculating maximum temperatures of house foundations with basements built in permafrost. S.V.Tomirdiaro. Osn., fund.i mekh.grun. 2 no.4:15-19 '60.

Machine for boring holes in frozen ground. G.P.Tarakanov, L.I.Khorovich. Transp.stroi. 10 no.6:40-42 Je '60.

Selecting wrong methods for building on permafrost. V.F.Zhukov, A.N.Tolstov. Osn., fund.i mekh.grun. 2 no.4:27-29 '60.

Systems of underground mining of permafrost placers. S.V.Potemkin. Gor.zhur. no.7:20-24 Jl '60.

Technical Specifications for Building in Permafrost should be revised. S.I.Gapeev. Transp.stroi. 10 no.7:46-47, 56 Jl '60.

Thawing of placers by means of points with a natural head of water. R.I.Bliumkov. Gor.zhur. no.7:17-20 Jl '60.

FRUIT

Accelerated growing of seedlings. M.I.Rudak. Put' i put.khoz. 4 no.6:34 Je '60.

FRUIT—DISEASES AND PESTS

Plant lice (Aphidoidae, Homoptera) infesting fruit crops in the Nakhichevan A.S.S.R. [in Azerbaijani with summary in Russian]. N.D.Veziiov. Izv.AN Azerb.SSR. Ser.biol.i med.nauk no.3:93-104 '60.

FRUIT—STORAGE

Effect of hydroxybiphenyl on some pathogenic organisms in fruit, vegetables, and potatoes. N.M.L'vova, K.V.Nikitina. Sbor.nauch.rab.Len.inst.sov.torg. no.15: 72-75 '59.

FRUIT CULTURE

(see also subdivision under Crimea; Ukraine; White Russia)

Incomplete handbook with confusing recommendations ("Economy and organization of fruit culture and viticulture" by F.I.IAlovenko, I.G.Gavrilov. Reviewed by I.Belokhonov, P.Dubrova, A.Minaev). Ekon. sel'khoz. 31 no.6:124-126 Je '60

[Private garden plots and orchards] Sad i ogorod na priusadebnom uchastke. Izd.2., dop. [Moskva] Mosk.rabochii, 1959. 398 p.
(DA)

Shuranov, S. [Our collective orchard] Nash kollektivnyi sad. Moskva, M-vo khoz. SSSR, 1959. 76 p.
(DA)

Sources of Michurin's theories; A.T.Bolotov as I.V. Michurin's predecessor. A.A.Shcherbakova. Bot.zhur. 45 no.7:1062-1065 Jl '60.

To all who became interested in a "fairy-tale garden." N.Smirnov. Smena 37 no.10:19 My '60.

Zholobova, A.P. [Practical laboratory experiments in fruit culture] Laboratorno-prakticheskie zaniatiia po plodovodstvu. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 149 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DA)

FRUIT CULTURE—STUDY AND TEACHING

Training of collective farm fruit growers in a secondary school with field instruction. K.N.Sokolov. Dokl.APN no.4:9-11 '59.

FRUIT TRADE see subdivision under Kursk

FRUIT TREES—DISEASES AND PESTS

Materials on the biology of tetranychid mites damaging fruit trees in Tambov Province [with summary in English]. R.S.Rymashevskaia. Zool.zhur. 39 no.6: 842-847 Je '60.

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

Kostiukov, A. A. [Military pedagogical viewpoint of M. V. Frunze] Voenno-pedagogicheskie vzgliady. M. V. Frunze. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 173 p.

FRUNZE—BOTANICAL GARDENS

Twenty years' work in developing the Botanical Garden [of the Institute of Botany of the Academy of Sciences of the Kirghiz S.S.R.]. E. Z. Gareev. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 3 3-9 '59.

FRUNZE—CONIFERAL

Generalizing the experience acquired in planting and transplanting some coniferous species in the city of Frunze. T. D. Zolotarev. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 3:49-68 '59.

FRUNZE—EREMURUS

Cultivation of Eremurus in the botanical garden. R. L. Shpak. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 3:109-121 '59.

FRUNZE—LANDSCAPE GARDENING

Ornamental gardening in the city of Frunze. P. D. Zherdev. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 3: 123-136 '59.

FRUNZE—PLANT INTRODUCTION

Tkachenko, V. I. [Trees and shrubs of the North American flora in the botanical garden of Frunze] Derev'ia i kustarniki severoamerikanskoi flory v usloviiakh Botanicheskogo sada goroda Frunze. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 120 p.

FRUNZE—SPRAYING AND DUSTING IN AGRICULTURE

Improve the feed supply for stock. F. Chernogubov, V. Ometa. Grazhd. av. 17 no. 5:9 My '60.

FRUNZE—TEACHERS' INSTITUTES

Work experience of the Kirghiz Women's Pedagogical Institute. T. K. Tashovskaia. Sov. pedag. 24 no. 4: 108-117 Ap '60.

FRUNZE—TRANSPORTATION, AUTOMOTIVE

A united and solid team. F. Mishin. Avt. transp. 38 no. 7:9-11 Jl '60.

FUCHS, VIVIAN

The Hubbard Gold Medal. Vokrug sveta no. 6:16 Je '60.

FUCHSITE see subdivision under Armenia

FUEL

Economic effectiveness of the utilization of peat in power engineering methods of production. Z. P. Chukhanov. Torf. prom. 37 no. 4:30-34 '60.

Fedoseev, S. D., and A. B. Chernyshev. [Semicoking and gasification of solid fuel] Polukoksovanie i gazifikatsiia tverdogo topliva. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1960. 325 p.

Generalized relation between the viscosity of distillate fuels and the temperature [with summary in English]. T. A. Kolach, V. B. Zenkevich. Inzh.-fiz. zhur. no. 7: 95-97 Jl '60.

Seminar on the methods of utilization of solid fuel in power engineering. D. IU. Gamburg. Khim. i tekh. topl. i masel 5 no. 5:72 My '60.

FUEL—ANALYSIS—STANDARDS

Determining the chlorine content of solid fuels. Z. T. Ashikhmina. Standartizatsiia 24 no. 7:36-37 Jl '60.

FUEL CELLS

Fuel cells. P. N. Riabov. Khim. i tekh. topl. i masel 5 no. 6:69-71 Je '60.

FUEL PUMPS

Distributing columns for diesel locomotives. A. N. Shtirman. Elek. i tepl. tiaga 4 no. 5:24-25 My '60.

FUEL RESEARCH

Some systems for the use of solid fuels for power engineering purposes. A. P. Baskakov, N. F. Ryzhkov, N. I. Syromiatnikov. Trudy Ural. politekh. inst. no. 79 36-45 '59

FUMIGATION

Some methods of treating rodent burrows with gases. N. V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:231-233 '57.

FUNCTIONAL ANALYSIS

Classes of domains and imbedding theorems for functional spaces. V. G. Maz'ia. Dokl. AN SSSR 133 no. 3 527-530 Jl '60.

Index of boundary value problems for a system of harmonic functions with three independent variables. A. I. Vol'pert. Dokl. AN SSSR 133 no. 1 13-15 Jl '60.

Kolmogorov, A. N., and S. V. Fomin. [Elements of the theory of functions and of functional analysis] Elementy teorii funktsii i funktsional'nogo analiza. [Moskva] Izd-vo Mosk. univ.

No. 2. [Measure, Lebesgue integral, Hilbert space] Mera, integral Lebega, gil'bertovo prostranstvo. 1960. 118 p.

Oscillating functions and their application to some problems in an infinite interval. R. A. Mart'ianova. Izv. vys. ucheb. zav.; mat. no. 3:112-128 '60.

FUNCTIONS

Approximation of differentiable functions by linear means of their Fourier series. S. A. Teliakovskii. Izv. AN SSSR Ser. mat. 24 no. 2:213-242 Mr-Ap '60.

Demonstration device for studying the graphic representation of functions. I. A. Kunyavko. Sbor. nauch. trud. LIBI no. 10:258-259 '59.

IAnpol'skii, A. R. [Hyperbolic functions] Giperbolicheskie funktsii. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 194 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

Kolmogorov, A. N., and S. V. Fomin. [Elements of the theory of functions and of functional analysis] Elementy teorii funktsii i funktsional'nogo analiza. [Moskva] Izd-vo Mosk. univ.

No. 2. [Measure, Lebesgue integral, Hilbert space] Mera, integral Lebega, gil'bertovo prostranstvo. 1960. 118 p.

Lagrange-Sylvester formula for a tensor function dependent on two tensors. II. D. Annin. Dokl. AN SSSR 131 no. 2:271-274 Ap '60.

FUNCTIONS, ANALYTIC

Some evaluations for coefficients of limited functions. IA. L. Geronimus. Izv. AN SSSR Ser. mat. 24 no. 2:301-312 Mr-Ap '60.

Special features of some classes of quasi-analytic functions. V. G. Mikitiuk. Izv. vys. ucheb. zav.; mat. no. 3:130-137 '60.

Weighted-polynomial approximation of analytic functions in infinite domains. V. A. Ionan. Dokl. AN SSSR 133 no. 3:535-536 Jl '60.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CHEBYSHEV'S see Chebyshev polynomials

FUNCTIONS, CONTINUOUS

Deviation of functions from Lagrange and Hermite interpolation polynomials. I. I. Ibragimov. Izv. AN SSSR Ser. mat. 24 no. 2:297-300 Mr-Ap '60.

On a subgroup of continuous functions [with summary in English]. I. M. Illushin. Dop. AN URSR no. 5:[illegible] '60.

FUNCTIONS, MEROMORPHIC

Evaluating the defect of a meromorphic function in which two values are distributed inside of a certain angle. I. V. Ostrovskii. Izv. vys. ucheb. zav.; mat. no. 2: 138-148 '60.

FUNCTIONS, PERIODIC

Approximation of continuous periodic functions by Fourier sums. A. V. Efimov. Izv. AN SSSR Ser. mat. 24 no. 2 243-296 Mr-Ap '60.

FUNCTIONS OF COMPLEX VARIABLES

Isomorphism and approximate dimensionality of spaces of holomorphic functions. [illegible] Dokl. AN SSSR 133 no. 1 [illegible] Jl '60.

One extremum problem. D. E. Kantor. Izv. vys. ucheb. zav.; mat. no. 3:110-113 '60.

FUNCTIONS OF REAL VARIABLES

Integral methods of summation restrictively equivalent to convergence. IU. G. Gorst. Izv. vys. ucheb. zav.; mat. no. 3:65-73 '60.

Letter to the editor. Izv. vys. ucheb. zav.; mat. no. 3 216 '60.

Timan, A. F. [Approximation theory of functions of real variables] Teoriia priblizheniia funktsii deistvitel'nogo peremennogo. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 624 p.

FUNGI see subdivision under Kola Mountain, Leningrad Province, Siberia

FUNGI, PHYTOPATHOGENIC

(see also subdivision under Caucasus, Crimea, Rumania; Repetek Preserve)

Yellowing of gladioli caused by the infection with Sclerotinia gladioli (Mass.) Dray. E. P. Protsenko, D. A. Chelyshkina. Biul. Glav. bot. sada no. 36:95-99 '60.

FUNGI IN AGRICULTURE

(see also subdivision under Talysh Mountains)

Materials on practical use of predatory fungi in the control of some geohelminthiases. I. I. Soprunov, IU. IA. Tendetnik. Trudy Gel'm. lab. 10:192-194 '60.

FUNGICIDES

Chlorination of shale oils with the purpose of increasing their fungicidal toxicity. G. E. Shaltyko. Zhur. prikl. khim. 33 no. 5:1229-1232 My '60.

FURALDEHYDE

(see also subdivision under China)

Dry distillation of wood as a potential source of furfural. V. I. Koriakin, A. I. Sokolova. Gidroliz. i lesokhim. prom. 13 no. 6:3-6 '60.

Means of lowering the [illegible] of furfurole produced by hydrolysis plants in operation. A. I. [illegible] and others. Gidroliz. i lesokhim. prom. 13 no. 4:[illegible] '60.

Polymers [illegible] the [illegible] of the interaction between furfurole and [illegible] containing [illegible]. I. V. [illegible] and others. Plast. massy no. 5:[illegible] '60.

Preparation of furfural and other chemicals from plant wastes. Report No. [illegible] Experiments in the laboratory and industrial units. V. [illegible] and others. Gidroliz. i lesokhim. prom. 13 no. 5:[illegible] '60.

Preparation of 2,5-[illegible] and its [illegible] methyl esters from furfurole. [illegible] V. N. [illegible]. [illegible] '60.

Selective extraction of furfural from [illegible] distillates of wood pyrolysis. V. P. [illegible], [illegible] M. Volodutskaia. Gidroliz. i lesokhim. prom. 13 no. 5 [illegible] '60.

Synthesis of esters [illegible] [illegible] '60.

FURAN

Furan series. Part 6. [illegible] of the furan series. L. IU. [illegible] and others. Zhur. ob. khim. 30 no. [illegible] 2203 Jl '60.

Furan series. Part [illegible] 2,5-[illegible] of furan in the synthesis of 2,5-[illegible] and 1,2,5-[illegible]. L. IU. [illegible] and others. Zhur. ob. khim. [illegible] Jl '60.

[illegible] A. [illegible] '60.

FURANACRYLIC ACID

Synthesis [illegible] [illegible] 1958 Ja '60.

FURANCARBOXYLIC ACID

Furan derivatives. Rep. [illegible] esters of [illegible] substituted 2 furan[illegible] acids. A. L. [illegible], V. G. Afrikian, [illegible]. Izv. AN Arm. SSR. Khim. nauki 12 no. 6:[illegible] '59.

Furan derivatives. Rep. [illegible] [illegible] 2 furancarboxylic acids. A. L. [illegible], A. A. [illegible], N. Kh. Khachatrian. Izv. AN Arm. SSR. Khim. nauki 12 no. 6 [illegible] '59.

FURANONES

4-Methylene-2,2,5,5-tetramethyl-3-[illegible]. [illegible] '60.

FURFURYL ALCOHOL

[illegible]

FURFURYLAMINE

Furan series. Part [illegible]. [illegible] '60.

FURMANOV, DMITRII ANDREEVICH, 1891-1926

[illegible] A. A. [illegible] [illegible] p.

FURNACES

[illegible] Energetik [illegible] '60.

[illegible] V. V. [illegible] '60.

Technical specifications [illegible] [illegible] '60.

FURNACES, HEAT [illegible]

[illegible]

FURNACES, HEATING

Heating furnaces [illegible] [illegible] Ag '60.

Operation [illegible] A. I. [illegible] Ag '60.

[illegible] M. A. [illegible] '60.

FURNITURE

Furniture for the [illegible] [illegible] '60.

FURNITURE (Continued)

Specialized machines for processing subassemblies for furniture made of panels. V. P. Ogurtsov. Der. prom. 9 no.5:21-24 My '60.

To the furnished apartments. K. Cherevkov. Ogonek 38 no.27:28-29 Je '60.

FURNITURE—SPECIFICATIONS

New technical specifications set by the Soviet republics for home furniture. M.V.Shatskii. Der. prom. 9 no.7:5-6 Jl '60.

FURNITURE INDUSTRY
(see also subdivision under Moscow, Moscow Province)

Furniture made of fiber boards. V. Shepukelevich. Prom. koop. 14 no.6:17-18 Je '60.

New styles of furniture hardware. V. P. Vinogradskii, V. K. Davidenko, V. A. Lomov. Der. prom. 9 no.5: 18-19 My '60.

FUROIC ACID

Preparation of 2,5-furandicarboxylic acid and its dimethyl ester from furfurole. V.I.Lutkova, N.N.Shman-[illegible] Plast.massy no.4:56-57 '60.

Some derivatives of 5-halofurancarboxylic acids. Z.N. Nazarova, I.G.Gakh. Zhur.ob.khim. 30 no.7: 2322-2326 Jl '60.

Synthesis of esters of phosphonic acids containing heterocyclic radicals. Report No.8: Reactions of esters of phosphorous acid with furfurole, and pyromucic and furylacrylic acids. B.A.Arbuzov, V.M.Zoroastrova. Izv.AN SSSR.Otd.khim.nauk no.6:1030-1034 Je '60.

FUSS, NIKOLAI IVANOVICH, 1755-1826

Unpublished manuscripts on geometry by Academicians A. I. Leksel' and N. I. Fuss. V. I. Lysenko. Vop.ist.est. i tekh. no.9:116-130 '60.

GABBRO see subdivision under Ingul Valley, Talas Ala Tau

GABRILOVICH, EVGENII OSIPOVICH

A generous artist. N. Kovarskii. Isk. kino no.5:71-74 My '60.

GADOLINIUM

Investigating the duration and intensity of the luminescence of trivalent gadolinium and terbium ions in solutions. L.V.Kondrat'eva, G.S.Laseeva. Opt.i spektr. 8 no.1:132-135 Ja '60.

Variation of the duration of the luminescence of trivalent gadolinium and terbium ions in a sulfuric acid-water system as related to the concentration of the components. L.V.Kondrat'ev. Opt.i spektr. 8 no.1:110-112 Ja '60.

GADOLINIUM—ISOTOPES

Magneto-optic determination of nuclear moments of odd gadolinium isotopes. N.I.Kaliteevskii. Opt.i spektr. 8 no.1:11-22 Ja '60.

GADOLINIUM OXIDE

Systems Sm_2O_3 and Gd_2O_3. N. G. Tresviatskii, V. I. Kushakovskii, V. S. Belevantsev. Atom.energ. 9 no.1:54-55 Jl '60.

GAFURI, MAZHIT, pseud. BIBLIOGRAPHY see Bibliography. Gafuri, Mazhit, pseud.

GALAXY see Milky way

GALENA
(see also subdivision under Kara Mazar Mountains)

Epitaxic growing of galenite and tetrahedrite. I.Mincheva-Stefanova. Zap.Vses.min.ob-va 89 no.2:215-219 '60.

GALINSOGA see subdivision under Tashkent

GALL BLADDER—DISEASES

X-ray diagnosis of secondary dyskinesias of the gall bladder. IA.IU.Mukhamedov. Med.zhur.Uzb. no.12:16-22 D '59.

GALL BLADDER—INNERVATION

Effect of irrigating the gastric mucosa with a soda solution on interoceptive reflexes from the gall bladder. B.F.Osipov. Trudy Inst.fiziol.AN SSSR 3:225-233 '59.

Interoceptive influences from the gall bladder on the higher nervous activity of a dog. B.F.Osipov. Trudy Inst.fiziol.AN SSSR 3:71-82 '59.

GALLIC ACID

Synthesis of anilides of gallic acid. A.T.Slusarev, A.I.[illegible] Ukr.khim.zhur. 26 no.3:364-367 '60.

GALLIUM

Coprecipitation of gallium with aluminum hydroxide during the carbonization of an alkaline solution. S.P. IAtsenko, N.V.Demenev. Zhur.neorg.khim. 5 no.7: [illegible] Jl '60.

Isomorphous coprecipitation of gallium with aluminum hydroxide from alkaline solutions. S.P.IAtsenko, N.V. Demenev. Zhur.neorg.khim. 5 no.7:1616-1625 Jl '60.

GALLIUM—ANALYSIS

Amperometric titration of gallium with a cupferron solution. I. A. Pevkovitskaia, A. I. Kalinin, IU. V. Morachevskii. Zav.lab. 26 no.7:797 '60.

Detection of gallium in the products of the aluminum industry [with summary in English]. V. K. Kuznetsova, N. A. Tananaev. Zhur.anal.khim. 15 no.2:240-241 Mr-Ap '60.

Photometric determination of gallium and indium by quercetin. I. P. Alimarin, A. P. Golovina, V. G. Torgov. Zav.lab. 26 no.6:709-711 '60.

GALOIS THEORY

Postnikov, M.M. [Fundamentals of the Galois theory] Osnovy teorii Galua. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 124 p.

GALUZO, ILLARION GRIGOR'EVICH, 1899-

Illarion Grigor'evich Galuzo. S.N.Boev. Trudy Inst. zool.AN Kazakh.SSR 12:5-7 '60.

GALVANOMETER

Groshevoi, G.V. [Engineering calculation, design, and use of galvanometers in integrating circuits] Tekhnicheskii raschet, proektirovanie i ekspluatatsiia gal'vanometrov dlia integriruiushchikh skhem. Moskva, Izd-vo Akad.nauk SSSR, 1960. 80 p.

GALVANOPLASTY see Electrotyping

GAMAL as SAGINI

Sculptures by Gamal as-Sagini. A. Bogdanov. Inostr.lit. no.8:250-255 Ag '60.

GAMALEIA, NIKOLAI FEDOROVICH, 1859-1949

Gracheva, N.P. [A great life] Bol'shaia zhizn'. Moskva, Gos.izd-vo med.lit-ry, 1959. 40 p. (Nauchno-populiarnaia meditsinskaia literatura)

GAMBURD, MOISEI EFIMOVICH

Cheza, L. Moisei Efimovich Gamburd. Kishinov, Gos. izd-vo "Kartia Moldoveniaske," 1959. 21 p., illus. (Dekada moldavskogo iskusstva literatury v Moskve)

GAME AND GAME BIRDS

Kirikov, S.V. [Changes in the animal world in natural zones of the U.S.S.R. during the 13th and 19th centuries, forest zone and forest tundra] Izmeneniia zhivotnogo mira v prirodnykh zonakh SSSR, XIII - XIX vv.; lesnaia zona i lesotundra. Moskva, Izd-vo Akad. nauk SSSR, 1960. 165 p.

GAMES

"Classes," a mobile game. V. Semenov. Sem'ia i shkola 15 no.5:47-48 My '60.

GAMES, THEORY OF

Apologetic nature of the econometric theory of strategic games. S.Nikitin. Vest.stat. no.7:28-35 '60.

GAMMA RAYS

Calculating the value of the γ-source in irradiation by a narrow beam of γ-rays. A.V.Sarnov. Teploenergetika 7 no.7:90-91 Jl '60.

Component analysis of binary systems by means of the attenuation of γ-radiation [with summary in English]. V.S.Merkulov, A.V.Klimushev. Zhur.fiz.khim. 34 no.6:1374-1376 Je '60.

Determination of the spin of Pt^{196} nuclear levels on the basis of gamma rays emitted in the capture of resonance neutrons [with summary in English]. N. D. Galanina, B. K. Shvartsman, A. IA. Diament. Zhur.eksp.i teor. fiz. 38 no.5:1446-1450 My '60.

Effect of a magnetic field on the resonance absorption of γ-rays. V.A.Liubimov, A.I.Alikhanov. Zhur.eksp. i teor.fiz. 38 no.6:1912-1914 Je '60.

Effect of gamma radiation on the dielectric properties of some electric insulation materials. Part 2. Phenol formaldehyde plastics. K.A.Vodop'ianov, B.I.Vorozhtsov, G.I.Potakhova. Izv.vys.ucheb.zav.;fiz. no.3: 133-137 '60.

Gamma radiation from Tb^{160}. N.A.Voinova and others. Izv.AN SSSR Ser.fiz. 24 no.7:852-857 Jl '60.

Gamma radiation from $Zr^{95}+Nb^{95}$. N.A.Voinova, B.S.Dzhelepov, N.N.Zhukovskii. Izv.AN SSSR Ser. fiz. 24 no.7:850-851 Jl '60.

Investigating the gamma spectrum of Ce^{140} [with summary in English]. S. F. Antonova and others. Zhur. eksp.i teor.fiz. 38 no.3:765-767 Mr '60.

"Investigation of materials by means of X and gamma rays" by V. Gandovskii. Reviewed by V.S.Tokmakov. Zav.lab. 26 no.7:910-911 '60.

Irradiation of cotton stalk lignin with γ-rays from Co^{60}. S.N.Vil'kova, N.G.Murygina. Zhur.prikl.khim. 33 no.7:1674-1676 Jl '60.

Magnetic gamma-spectrometer with high resolving power. L.V.Groshev and others. Izv.AN SSSR Ser. fiz. 24 no.7:791-801 Jl '60.

Nature of the imperfections of a Fe-Al alloy subjected to gamma irradiation [with summary in English]. I.IA. Dekhtiar, A.M.Shalaev. Inzh.-fiz.zhur. no.2:78-82 F '60.

Possibility of raising the heat stability of polyolefin fibers under the influence of ionizing radiation. S. A. Nechaeva, IU. M. Malinskii, Z. A. Rogovin. Khim. volok. no.3:7-9 '60.

Relative intensities of gamma transitions in strongly deformed nuclei [with summary in English]. Zhur. eksp.i teor.fiz. 38 no.3:726-728 Mr '60.

Study of the chemical structure of butadiene rubbers subjected to the action of gamma rays. A.I.IAkubchik, V.A.Filatova. Zhur.prikl.khim. 33 no.5:1177-1182 My '60.

Theory of resonance interaction of gamma quanta in crystals. M.V.Kazarnovskii. Zhur.eksp.i teor.fiz. 38 no.5:1652-1654 My '60.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Radiometric system for continuously registering the level of coal bins and fluid reservoirs. V.G.Segalin, P.V. Lototskii, S.I.Libson. Elek.sta. 31 no.4:20-23 Ap '60.

Visible invisible things. B.Dunaevskii. NTO 2 no.7: 29-31 Jl '60.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Comparative pathohistological changes in the central nervous system in white rats following local and total-body irradiation with gamma rays. M.M.Aleksandrovskaia. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:244-256 '60.

Effect of gamma rays of Co^{60} on explanted connective tissues of the chick embryo. A.P.Ivanitskaia, Z.N. Faleeva. Dokl.AN SSSR 133 no.3:709-712 Jl '60.

Existence of several types of latent injuries in irradiated myosin molecules [with summary in English]. L.Kh. Eidus, E.E.Ganassi. Biofizika 5 no.3:334-338 '60.

Influence of gamma radiation on the antitoxin and the ballast proteins of antidiphtheria serum. I.K.Gul'mirzaeva. Med.zhur.Uzb. no.12:71-74 D '58.

Morphological character of the structural changes in the central nervous system of white rats during postnatal development following irradiation of their mothers during pregnancy. N.I.Artiukhina. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:257-270 '60.

GAMMA RAYS—SCATTERING

Coulomb excitation of nuclei by heavy ions accompanied by radiation of gamma quanta [with summary in English]. B.N.Kalinkin. Zhur.eksp.i teor.fiz. 38 no.5:1541-1543 My '60.

GAMMA RAYS—SPECTRA

Cherenkov's gamma spectrometer with total absorption. V.F.Grushin, V.A.Zapevalov, E.M.Leikin. Prib. i tekh.eksp. no.2:27-32 Mr-Ap '60.

Gamma spectra of isotopes of a lanthanum fraction. E.P.Grigor'iev, S.L.Sakharov, V.O.Sergeev. Izv.AN SSSR Ser.fiz. 24 no.7:830-840 Jl '60.

Spectrum of γ-rays from the reaction $Cl^{35}(n,\gamma)Cl^{36}$. L.V.Groshev, A.M.Demidov, V.N.Lutsenko. Izv.AN SSSR Ser.fiz. 24 no.7:833-838 Jl '60.

GAMZATOV, RASUL GAMZATOVICH, 1923-

The poetry of Rasul Gamzatov and virgin soil of the mountains. Vladimir Ognev. Znamia 30 no.7:209-217 Jl '60.

GANGRENE

Influence of tetracycline hydrochloride on the peripheral blood picture in guinea pigs in experimental gas gangrene produced by B. Perfringens [with summary in English]. IU.D.Chirkin. Antibiotiki 5 no.1:102-107 Ja-F '60.

GANOIDEI, FOSSIL see subdivision under Syas' Valley

GARAGES

Centralization of maintenance is the basis for the development of the garage system. L. Davidovich. Avt.transp. 38 no.7:16-19 Jl '60.

Garages and parking lots in newly built city districts. A.Ivanova. Stroi.i arkhit.Mosk. 9 no.7:17-19 Jl '60.

Garages in residential districts. A.Pershin. Arkhit. SSSR no.5:32-34 '60.

GARAGES—EQUIPME

Kolychev, A.L., a
ment; handbook] G
Moskva, Nauchno
transporta i shose

GARAGES—VENTILATION

Ventilation of garages for die
M.S.Malakhanov. Vod.i sa

GARBAGE AS FEED

How we use food scraps to fatten swine. E. Zubkov, N. Khronov. Sov.torg. 33 no.7:24-26 Jl '60.

GARDENING

Home gardens as the source of cheap agricultural produce. A. Zhitkov. Sots.obesp. 21 no.5:33-35 My '60.

GARIBALDI, GUISEPPE, 1807-1882

New documents concerning Guiseppe Garibaldi. Nov.i noveish.ist. no.2:165-168 '60.

GARNET see subdivision under Bunger Hills region

GAS—HEATING AND COOKING
(see also subdivision under Uzbekistan)

Knapp, K.K. [Use of gas in the home] Ekspluatatsiia gazovogo khoziaistva zhilogo doma. Izd. 2. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 128 p.

GAS—PIPELINES
Linear electric model of a gas pipeline [with summary in English] M O Zhydkova Dop AN URSR no 3 327-334 '60

GAS, NATURAL
(see also subdivision under Gazli, Kuybyshev Province, Pakistan)

Brief news. Neft khoz. 38 no. 6 66-69 Je '60

Equilibrium constants of the components of natural gas in the system gas - petroleum N. A Trivus Gaz prom 5 no 7 13-19 '60

Heating furnaces converted to firing with natural gas. E. N. Dubinskii, A. E. Prikhozhenko. Metallurg 5 no 8: 31 Ag '60.

Introduce on a large scale gas turbine drives in oil production operations. N. S. Timofeev, IU. I. Shebashevich. Neft. khoz. 38 no. 3·1-10 Mr '60.

Methods of determining the behavior of gas fields during an edge water drive T Gol'dfrakht, P Ionesku Gaz prom 5 no 7 5-13 '60

Results of oil and gas production in 1959 and plans for its development in 1960. V. A. Kalamkarov, Neft. khoz. 38 no. 1:1-12 Ja '60.

Studying the gas potential of deep-lying coal seams L. V. Gnipp Izv vys. ucheb zav, geol i razv no 3. 75-82 Mr '60

Using natural gas for the firing of open-hearth furnaces. A. L. Turubiner. Metallurg 5 no. 8:16 Ag '60.

Using trap absorbers for dehydrating and separating gas M. A Shikhalizade Izv vys ucheb zav, neft' i gaz 3 no 6·57-62 '60

GAS, NATURAL—GEOLOGY
(see also subdivision under Berezovo region, Tyumen Province; Carpathian Mountain region, Caucasus, Northern, Daghestan, Kalmyk A.S.S.R.; Kharkov Province, Lvov Province; Soviet Central Asia, Transcarpathia; United Arab Republic; West Siberian Plain)

Characteristics of the distribution of petroleum and gas accumulations in foothill troughs and adjacent parts of platforms. N. A. Eremenko, S. P. Maksimov. Geol. nefti i gaza 4 no. 6·12-18 Je '60.

Estimating petroleum and gas resources in prospective folded areas. M. V. Abramovich. Geol. nefti i gaza 4 no. 6 1-5 Je '60.

Preparing and planning the increase of petroleum and gas reserves. A. A. Trofimuk. Geol. nefti i gaza 4 no. 6.5-12 Je '60.

Time of the formation of oil and gas pools in the central Volga Valley. K. B. Ashirov. Geol. nefti i gaza 4 no. 6.23-26 Je '60.

GAS, NATURAL—PIPELINES
Are leak detection tubes necessary? F. V. Kotovich. Stroi. truboprov. 5 no. 6;21-22 Je '60.

Basic design considerations in the construction of the Gazli-Ural gas pipeline. P. P Leiman. Stroi. truboprov. 5 no. 6.5-7 Je '60.

Continuous cleaning and coating of pipes for urban gas pipeline construction. I. A. Berezhnov. Stroi. truboprov. 5 no. 6;20-21 Je '60.

Dashava-Minsk. Mikola Hrytsan. Belarus' 17 no. 8.6-7 Ag '60.

Gasification of cities and industrial enterprises of the R. S F S R P B Zarovnyi Gaz. prom 5 no 7 27-40 '60

Gazli-Ural gas pipeline is a great construction of the seven-year plan. A. I. Lubianyi. Stroi. truboprov. 5 no. 6.1-5 Je '60.

Separation and transportation of gas from condensate gas fields. K. P. Kofonov Gaz. prom. 5 no. 7 50-52 '60

Technical problems of the construction of the Gazli-Ural gas pipeline. V. M. Usenko. Stroi. truboprov. 5 no. 6: 8-9 Je '60.

Unsolved problems of the construction of the Gazli-Ural gas pipeline. N. P. Mun'ko. Stroi. truboprov. 5 no. 6: 10-11 Je '60.

Using the gas dynamic theory of modeling in the experimental determination of the gas dynamic resistance of gas pipelines L. I. Kudriashev, V. A. TSererin. Izv vys ucheb. zav ;neft' i gaz 3 no 6 119-121 '60

GAS AND FUEL
Gasification of boiler rooms Z IA Veksler Gor khoz Mosk 34 no 5 18-20 My '60

GAS AND OIL ENGINES
Determining the thickness of a gasket for regulating pressure at the end of the compression cycle in internal combustion engines V. I. Soroko-Novitskii Trudy Kaf "Avt i trakt" VZMI no. 2·29-30 '60.

Increase in the operational efficiency of internal combustion engines with internal fuel mixing A. O. Lifshits Trudy Ural. politekh. inst. no 79 33-35 '59

Krinetskii, I. I. [Regulation of internal-combustion engines] Regulirovanie dvigatelei vnutrennego sgoraniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 190 p.

Letter page Tekh. mol 28 no. 5·32 '60.

Motor is a pump in reverse. D. Shugurov. IUn. tekh. 4 no. 5 30-32 My '60.

New rotary internal combustion engine. Izobr. i rats. no. 8.63 Ag '60.

Quality factor of the operational process of an internal combustion engine. V P. Alekseev. Energomashinostroenie 6 no. 7;16-18 Jl '60.

Sensational discovery or advertising? L. Sambek, IA Shavrov Tekh. mol 28 no 5·32 '60.

Two unusual motors. Znan sila 35 no 5 20-21 My '60

GAS AND OIL ENGINES—CORROSION
All-Union Conference on Controlling the Corrosion of Parts of Internal Combustion Engines and Gas-Turbine Units. M. S. Komskii. Khim. i tekh. topl. i masel 5 no. 7 70-72 Jl '60.

GAS APPLIANCES
Knapp, K. K. [Use of gas in the home] Ekspluatatsiia gazovogo khoziaistva zhilogo doma. Izd. 2. Moskva, *Izd-vo M-va komman. khoz. RSFSR, 1960. 128 p.*

New gas appliances L Magid Nauka i zhizn' 27 no 5 66-67 My '60

GAS AS FUEL
Kil'matov, R. F. [Using gas at asphalt-concrete plants] Gazifikatsiia asfal'tobetonnykh zavodov. Moskva, Nauchno-tekhn. izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 62 p. (Obmen tekhnicheskim opytom dorozhnykh khoziaistv)

GAS BURNERS
Powerful tunnel-type burner for the combustion of low-calorific power gases V A Speisher, V I Andreev, O V Shimanovskii Gaz prom 5 no 7 20-26 '60

Selecting burners using blast furnace gas for heat and electric power plant boilers in metallurgic factories. I. K Lebedev. Energomashinostroenie 6 no 7 13-16 Jl '60.

GAS CHROMATOGRAPHY
Effect of experimental parameters on the chromatographic separation of substances in the gaseous and vapor phases Part 3 Effect of the structure of silica gel on the separation of gaseous hydrocarbons by volumetric chromatography [with summary in English]. D. A. Vlakhirev, N P Cherninov, A I Bruk. Zhur. fiz khim 34 no. 5;1096-1103 My '60

Gas adsorption chromatography in the analysis of gases in the production of phenol, acetone, and synthetic alcohol. A. N. Korol'. Khim. i tekh. topl. i masel 5 no. 6 60-63 Je '60.

Highly sensitive catharometer for the chromatographic analysis of gases A S Ponomarev. Zav lab 26 no 5 634-636 '60

Mechanism of chromatographic separation of gases in thermal displacement analysis. M. I. IAnovskii, S. N. Ozirarer, Lu P'ei-chang. Zhur. prikl. khim. 33 no. 5· 1081-1091 My '60.

GAS DISTRIBUTION
Common flue systems for gas installations in houses. IU P. Sosnin Gaz prom 5 no 7 31-40 '60

Gasification of cities and industrial enterprises of the R S F. S. R. P B. Zarovnyi. Gaz prom 5 no 7 27-40 '60

Let's speed up the construction and improve the operation of gas systems Zhil -kom khoz 10 no 6 33 '60.

Odel'skii, E. KH. [Gas supply system] Gazosnabzhenie. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina,
Pt. 2. 1960. 176 p.

GAS FIXTURES—SPECIFICATIONS
In the State City Technical Inspection of the R. S F. S. R. · Changes in regulations governing the installation and operation of gas equipment in residential, public, and municipal buildings. Vod. i san. tekh. no 8:32 Ag '60

GAS FLOW
Calculation of some axially nonsymmetrical conic flows [with summary in English]. P. I. Chushkin, V. V. Shennikov. Inzh. -fiz. zhur. no. 7:88-94 Jl '60.

Calculations on the transonic flow of gas with a region of supersonic speeds. I. Biibosunov. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2·11-18 '59.

Flow of a conducting gas past a current-carrying plate. A. P. Kazantsev. Dokl. AN SSSR 133 no. 2.318-320 Jl '60.

Movement of fine particles in a twisting stream [with summary in English]. M. A. Gol'dshtik, A. K. Leont'ev, I. I. Paleev. Inzh. -fiz. zhur. no. 2:17-24 F '60.

One-dimensional motion of gases through a cylindrical channel with a given low of heat supply [with summary in English]. A. I. Leont'ev. Inzh. -fiz. zhur. no. 2:97-100 F '60.

Van der Waals adiabatic flow of gases in pipes. E. Fainberg. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2;19-25 '59.

GAS INDUSTRY
At the Main Administration of the Gas Industry of the U. S. S. R. Gaz. prom 5 no 7 55-56 '60.

GAS MANUFACTURE AND WORKS
Automatic control of the hydrogen content of steam-and-air producer gas P A. Andrianov, N. V Podbornov. Gaz prom 5 no 7 19 '60

GAS METERS
Dosimeter V I Babiy Zav lab 26 no. 5 636-637 '60

GAS PIPES
Making and using asbestos-cement gas pipes. M. E. Chechenin. Stroi. mat 6 no. 7:7-10 Jl '60.

GAS PRODUCERS
Thermodynamic investigation of the process of gasification of liquid oxygen [with summary in English]. S. M. Rips. Inzh. -fiz. zhur. no. 2·41-46 F '60.

GAS PURIFICATION
(see also subdivision under Svetogorsk)

Corrosion of the equipment used in the arsenic-soda process of sulfur removal. I. A. Levin. N. P. Kovalenko. Khim. prom. no. 1:74-76 Ja-F '60.

Gas absorption and the regeneration of cryolite in aluminum production G. M. Ginodman, G. S. Tokmadzhian. TSvet met. 33 no. 7;54-58 '60.

Molecular sieve. IU. Davydov. Nauka i zhizn' 27 no. 6: 61 Je '60.

Optimum conditions for the purification of roast gases A G. Amelin. Khim prom 2 116-121 Mr '60.

Regeneration of activated carbon in the process of removal of mercury vapors and mercury organic compounds from waste gases. I. F. Zemskov, A. S. Stepanov, N. M. Tepliakov. Zhur. prikl. khim. 33 no. 5: 1222-1224 My '60.

Removal of hydrogen sulfide and carbon dioxide from industrial gases. F. IA. Rovzin. Khim. prom. no. 1: 46-51 Ja-F '60.

GAS-TURBINE LOCOMOTIVES
(see also subdivision under Czechoslovakia, France)

Gas-turbine locomotives (construction and principles of operation). E. T. Bartosh. Elek. i tepl. tiaga 1 no. 3:33-37 Mr '60.

GAS TURBINES
Characteristics of a gas turbine based on the results of tests under conditions of low temperature drop [with summary in English, p. 2]. M. K. Maksutova. Teploenergetika 7 no. 7:51-55 Jl '60.

Closed-cycle gas turbine plant manufactured by the firm Escher Wyss. A. I. Kokoshkin, M. I. Korneev, V. F. Kalinin. Energomashinostroenie 6 no. 7;45-48 Jl '60.

Gas turbine systems used as district heating sources. D. I. Marlev. Elek. sta. 31 no. 4:42-43 Ap '60.

Gukasova, E. A., and others. [Aerodynamics improvement of bladed apparatus of steam and gas turbines] Aerodinamicheskoe sovershenstvovanie lopatochnykh apparatov parovykh i gazovykh turbin. Pod red. V. S. Zhukovskogo i S. S. Kutateladze. Moskva, Gos. energ. izd-vo, 1960. 340 p.

IAblonik, R. M. [Gas-turbine systems] Gazoturbinnye ustanovki. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 406 p.

Introduce on a large scale gas turbine drives in oil production operations. N. S. Timofeev, IU. I. Shebashevich. Neft. khoz. 38 no. 3:1-10 Mr '60.

Investigating the properties of the pilot-plant produced E1765 alloy used for manufacturing gas turbine parts. V. Z. TSeitlin. [Trudy] TSNIITMASH 100;102-107 '60.

Joint operation of a turbine and a motor-generator set in gas turbine systems with free-piston gas generators. S. I. Pogodin. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:111-122 My-Je '60.

Method for calculating the economy of a combined gas turbine installation with a free piston engine. Sh. M. Ter-Ovsepian, A. A. Ter-Mkrtchian. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no. 1:71-80 '60.

Operational reserve in single-stage gas turbines. V. Kh. Abiants. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3;123-128 My-Je '60.

Scientific and technical conference on exchange of experience obtained in starting and adjusting gas turbines. IU. P. Grachev. Energomashinostroenie 6 no. 7;27-28 Jl '60.

Thirteenth All-Union Conference on Gas-Turbine Construction. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3;183 My-Je '60.

Turbine on wheels. V. Fosenko. Tekh. mol. 28 no. 6: 5-7 '60.

GAS TURBINES—BLADES
Alloy for high durability gas turbine blades (from "American Society of Mechanical Engineers," no. A 191, *1959*). *L. B. Getsov*, Metalloved. i term. obr. met. no. 6;54-57 Je '60.

GAS TURBINES—COOLING
Investigation of convective heat exchange on screens placed along the end faces of rotating disks. B. P. Mironov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3;129-137 My-Je '60.

ELDING AND CUTTING

e also subdivision under Germany, West)

al report of the Commission No. 1 "Gas welding and ated processes," Svar. proizv. no. 7 39 Jl '60.

shov, V.P. [Experience in automatic gas cutting] t avtomaticheskoi gazovoi rezki. Leningrad, Gos. rnoe izd-vo sudostroit. promyshl., 1960. 62 p.

atic welding of the diaphragms of steam turbines a carbon dioxide medium at the Leningrad Metalwork- Plant. D.S. Verbin, V.M. Sheplevskii, Energo- inostroenie 6 no. 7,29-31 Jl '60.

lating the heating of steel sheets by a stationary ch- ar gas flame. S.G. Guzov. Trudy VNIIAvtogen no. 7. 33 '60.

method of preparing tangled wire for use in the but- . IU.A. Kalachev. Metallurg 5 no. 7:20 Jl '60.

able acetylene apparatus for metal cutting. D.G. allov. Put' i put. khoz. 4 no. 6:23 Je '60.

sure gas welding of rails. T.A. Vladimirskii, A.F. arkov, A.K. Shvylpov. Svar. proizv. no. 8:17-20 '60.

determination of deformation during the oxyacety- e cutting of low-cotton steel. V.S. Golovchenko. stroenie no 7:45-46 Jl '60.

ebuk, SH.E. [Gas cutter] Rabochii-gazorezchik. ingrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 60. 151 p.

g gas welding and pressure for railroad welding. F. Zharkov, A.K. Shvylpov. Put' i put. khoz. 4 7:14-15 Jl '60.

g gas welding under pressure for rolling stock repairs. A. Vladimirskii and others. Zhel. dor. transp. 42 6:58-62 Je '60.

g propane-butane instead of acetylene. Stroi. i it. Len 22 no. 6:28 '60.

ELDING AND CUTTING—EQUIPMENT AND SUP- IES

e of attraction of the magnetic tracer to the template. V. Kurlovich. Trudy VNIIAvtogen no. 7 3-13 '60.

stigating the balanced-pressure cutting torch. V.D. chaev. Trudy VNIIAvtogen no. 7 97-103 '60.

gen cutting torch. M.M. Borl. Svar. proizv. no. 8: -33 Ag '60.

ChS-4 equipment for oxygen cutting of stainless steel der flux. O.Sh. Spektor, B.I. Folomkin. Svar. proizv. 8 33-35 Ag '60.

ELDING AND CUTTING—QUALITY CONTROL

stigating the conditions of formation and possibility reducing burrs at cut edges during oxygen cutting. G. Guzov, G.A. Kravetskii. Trudy VNIIAvtogen no. 7. -55 '60.

ELDING AND CUTTING—SAFETY MEASURES

gulations on safety techniques and industrial hygiene the manufacture of acetylene and oxygen and in the ame machining of metals," Reviewed by L.Z. Dolgi- er. Svar. proizv. no. 7:44-45 Jl '60.

VELLS

e also subdivision under Louisiana)

roximate solution of a one-dimensional problem on e expulsion of gas by water. M.T. Abasov, K.N. halilov, M.R. Ibragimov. Dokl. AN Azerb. SSR 16 . 3,239-243 '60.

omatic control of gas wells [with summary in English]. F. Bodianik. Avtomatyka no. 2,62-72 '60.

ting gas wells without gas losses. IU.P. Korotaev, M. Tverkovkin, G.A. Zotov. Gaz prom 5 no. 7 5 '60.

ES

roximate method for calculating the effect of diffusion the heat conductivity of gases in the boundary layer. Z. Alimov. Izv. vys. ucheb. zav., fiz. no. 3:97-102 0.

t losses in the discharge of fluid under the pressure hot gases [with summary in English]. N.E. Kvantali- l. Inzh.-fiz. zhur. no. 6:52-54 Je '60.

rov, N.V., V.V. Korobov, and V.I. Filippova. Thermodynamics of gasification reactions and of ynthesis from gases] Termodinamika reaktsii gazifi- atsii i sinteza iz gazov. Moskva, Izd-vo Akad. nauk SSR, 1960. 97 p.

ES—ANALYSIS

plication of mass spectrometers with inhomogeneous agnetic fields to gas analysis [with summary in Eng- sh]. N.E. Alekseevskii, A.V. Dubrovin, G.E. Karstens. hur. fiz. khim. 34 no. 6:1275-1279 Je '60.

roduction of analyzed gases into the ion source of a ass spectrometer [with summary in English] M.S. hupakhin Zhur anal khim 15 no 2 155-158 Mr-Ap 0.

kolov, V.A. [Methods of analyzing gases] Metody naliza gazov. Moskva, Gos. nauchno-tekhn. izd-vo eft. i gorno-toplivnoi lit-ry, 1958. 374 p.
(NN)

ES—CLEANING

eaning of exhaust air in viscose production Z. Rybic- i Khim volok. no. 3 46-47 '60.

GASES—PURIFICATION

Removing an admixture of oxygen from gases by using a complex oxide ore. V.M. Kakabadze, V.T. Chagunava, N.M. Kordzakhiia. Soob. AN Gruz. SSR 24 no. 4: 401-406 Ap '60.

GASES—SPECTRA

Low-power high frequency generator for use in the spectrum analysis of gases V B Ustinov, O P Bochkova, L. P Razumovskaia Zav lab 26 no 5 621-622 '60

Ratio of the signal of the component being investigated to the signal of the total radiation flux in infrared gas analyzers. O.A. Sall. Opt. i spektr 8 no. 1 135-137 Ja '60.

GASES, KINETIC THEORY OF

Relativistic kinetic equation and equilibrium state of a gas in a statistical, spherically symmetrical gravitational field. N.A. Chernikov. Dokl. AN SSSR 133 no. 2:333-336 Jl '60.

GASES, RARE

Finkel'shtein, D.N. [Inert gases] Inertnye gazy. Moskva, Izd-vo "Znanie," 1960. 37 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 9, Fizika i khimiia, no. 12)

GASES IN METALS

Change of gas content in the bath of an open-hearth furnace during the deoxidation and metal holding period. V.I. Orlov. Sbor. Inst. stali no. 39 73-79 '60.

Effect of oxygen and hydrogen on the mechanical properties of α-alloys. E.A. Borisova Titan i ego splavy no. 3:29-34 '60.

Gas content in ingots and rolled products of chromium-nickel-molybdenum steel. V.I. Orlov, K.G. Trubin. Sbor. Inst. stali no. 39 23-39 '60.

GASES IN MINES see Mine gases

GASES IN SOILS

Effect of different concentrations of gaseous oxygen in the soil air on oxidation-reduction conditions [with summary in English]. I.P. Grechin, Ch'eng Yun-sheng. Pochvovedenie no. 7:106-110 '60.

GASHOLDERS—WELDING

Automatic welding of the external joints in the shell of a pitch-coke gas collector. A.A. Makarenko. Svar. proizv. no. 8 31-32 Ag '60.

GASOLINE

Catalytic cracking of thermally cracked kerosene. N.M. Indiukov, M.F. Kabanova. Khim. i tekh. topl. i masel 5 no. 5:8-11 My '60.

GASOLINE—ANALYSIS

Individual analysis of gasoline hydrocarbons by means of a highly effective rectification and gas-liquid chromatography. E. Keremi, Sh. Kestkhel'i. Khim. i tekh. topl. i masel 5 no. 6:53-60 Je '60.

GASOLINE—ANTIKNOCK AND ANTIKNOCK MIXTURES

Effect of antiknock additives to gasoline on engine wear. D.I. Aronov, V.I. Golov, M.S. Lerner. Khim. i tekh. topl. i masel 5 no. 7:13-40 Jl '60.

GASTEROMYCETES see subdivision under Soviet Far East

GASTRIC JUICE

Analysis of gastric juice without a sound. P.A. Kanishchev. Kaz. med. zhur. 40 no. 5:97-98 S-O '59.

GASTROPODA

Intensity of metabolism as a function of body size in fresh-water gastropods. G.G. Vinberg, IU.S. Beliatskaia. Biul. Inst. biol. AN BSSR no. 3:273-276 '58.

GASTROPODA, FOSSIL see subdivision under Abkhazia

GASTROSCOPY

Significance of the gastroscopic method of study in achylous states. IU.A. TSedilin. Voen.-med. zhur. no. 6: 71-74 Je '60.

Sivkov, I.I. [Importance of gastroscopy in the diagnosis of stomach cancer] Znachenie gastroskopii v diagnostike raka zheludka. Moskva, Gos. izd-vo med. lit-ry, 1959. 105 p.
(DNLM)

GAUGES

Malozovskii, M.L., and K.N. Chepelenko. [Mechanics and patternmaker; work practice] Slesar'-lekal'shchik; opyt raboty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 184 p.

GAUGES—STANDARDS

Gauges for metric screw threads with diameters from 0,25 to 0,9 mm. K.A. Karev. Standartizatsiia 24 no. 7:33 Jl '60.

[Handles for gauges] Ruchki dlia kalibrov. Moskva, Gos. izd-vo standartov, 1959. 11 p. (Normali mashinostroeniia SSSR)

[Nonregulated gauges for checking lengths from 10 to 500 mm.] Skoby neireguliruemye dlia kontrolia dlin svyshe 10 do 500 mm, tipy i razmery Moskva, Gos. izd-vo standartov, 1959. 19 p. (Normali mashinostroeniia SSSR)

GAUGES—TESTING

Changes in current instructions on the inspection of height and slide gauges. Izm. tekh. no 7 62-63 Jl '60.

Checking the curvature of screw gauges. F.P Frolov Izm. tekh. no. 7 24-25 Jl '60

GAVA VALLEY—ROCKS, IGNEOUS

Hybrid rocks in the basin of the Gava River on the southern slope of the Kurama Range (Central Asia) G A Lisitsina Trudy IGEM no 27 56-65 '60

GAY—ECONOMIC CONDITIONS

Gay constellation. N. Tarasenkova. Ogonek 38 no. 26 23-21 Je '60.

GAY—YOUTH

Gay constellation. N. Tarasenkova. Ogonek 38 no. 26 23-24 Je '60.

GAZELLES see subdivision under Kyzyl Kum

GAZLI—GAS, NATURAL

Treasures of Gazli. A.A. Bakirov. Nauka i zhizn' 27 no. 7:25-27 Jl '60

Wonderful power resources of an ancient land. S. Fridliand. Sov. foto 20 no. 2,10-13 F '60.

GEAR CUTTING

Experience in cutting gear wheels. A.S IAkovlev. Mashinostroitel' no. 7:21-22 Jl '60.

Investigating the precision of milling low-module gear parts in the manufacture of aeronautical instruments. B.A. Khokhlov. Trudy MAI no. 116:80-94 '59.

New technological process for machining face teeth. R L. Satanovskii. Mashinostroitel' no. 7:28 Jl '60.

GEAR-CUTTING MACHINES

Designing special-purpose machine tools. F.M. Mosin. Stan. i instr. 31 no. 7:31-33 Jl '60.

GEAR-SHAPING MACHINES

Hot rolling of Novikov gear wheels. M.V. Vasil'chikov, M.V. Barbarich, I.M. Kapitonov. Vest. mash. 40 no 7:46-40 Jl '60.

GEARING

Design of a progressive friction gear transmission. V.I. Krasnen'kov, V.I. Smirnov. Rasch. na prochn. no. 5 59-106 '60.

Determining limit gear backlash. A.D. Nevskii. Izv. vys. ucheb. zav.; mashinostr. no. 5:31-40 '60.

Effect of heating and cooling parameters on the flame hardening of low-module gears by means of rapid rotation. A.A. Egorov. Trudy VNIIAvtogen no. 7 139-147 '60.

Investigating a small planetary reducing gear having an idle satellite. V.M. IAstrebov. Izv. vys. ucheb. zav., mashinostr. no. 5:51-54 '60.

Selecting coefficients of displacement for external gears shaped with pinion-type cutters. I.A. Bolotovskii, V.E. Smirnov. Izv. vys. ucheb. zav., mashinostr. no. 5: 41-50 '60.

GEARING—STANDARDS

Session on the precision and checking of gear wheels. Standartizatsiia 24 no. 7,57 Jl '60.

GEARING—TESTING

Adjustment errors in using the autocollimation method for measuring angular distances in gear pairs of aeronautical instruments. V.A. Lachagin. Trudy MAI no. 116:104-121 '59.

GEARING, BEVEL—TESTING

Devices for checking bevel gea Palei. Standartizatsiia 24 r

GEARING,

Effect of , position" and the gear ratio. B.M Abramov. Izv. vys. ucheb. zav., mashinostr. no. 6:35-43 '60.

Increasing durability of teeth by surface hardening. G.Z. Zaitsev. Elek. i tepl. tiaga 4 no. 3:27-28 Mr '60.

Mechanical reinforcing of gear teeth along the whole profile. D.L. IUdin, N.P. Reznikova, M.A. Porkhachev. Elek. i tepl. tiaga 4 no. 3:25-26 Mr '60.

Plotting a blocking contour for selecting the correction factor for spur gears. A.E. Makeev, V.I. Babanin. Vest mash. 40 no. 7:26-30 Jl '60.

GEARING, SPUR—TESTING

Calculating the displacement of initial gear-wheel contours in checking by means of balls. P.M. Daniliuk. Izm. tekh. no. 7:25-26 Jl '60.

GEARING, SPIRAL—TESTING

Checking the angle of inclination of helical gear wheels. V N. Levitskii. Izm. tekh. no. 7,26-27 Jl '60.

GEARING, WORM — MEASUREMENT
Measuring side gaps in worm gears. A. I. [illegible]. Mashinostroitel' no. 7:[illegible] Jl '60.

GEARING, WORM — TESTING
Running-in and testing [illegible] worm gears. [illegible] V. A. [illegible], [illegible] V. [illegible]. Vest. mash. 40 no. 7:[illegible] Jl '60.

GELSE — PARASITES see Parasites — Grouse

GELATIN
Extraction of colloidally dissolved, mixed heavy metal ferrocyanides from their hydrosols by means of gelatin foam [with summary in English]. [illegible] Mokrushin. Koll. zhur. 22 no. [illegible] Ja-My '60.
Gelatin concentration during ripening. V. I. [illegible] [illegible]. Zhur. nauch. i prikl. fot. i kin. 5 no. [illegible] '60.
Modern concepts on gelatin structure. [illegible]. Zhur. nauch. i prikl. fot. i kin. 5 no. [illegible] '60.
Modern concepts on the electrolytic properties of gelatin solutions and of photographic emulsions. [illegible]. Zhur. nauch. i prikl. fot. i kin. 5 no. [illegible] '60.
Protein type impurities in photographic gelatin. [illegible] Zhukov, [illegible] Pavlova. Zhur. nauch. i prikl. fot. i kin. 5 no. [illegible] '60.
Sorption of water vapor by hydrophilic high polymers. Part 1. Sorption and heat of swelling, free energy of starch, agar, and gelatin. A. V. Dumanskii, [illegible] Nekriach. Koll. zhur. 22 no. 3:290-298 '60.

GELENDZHIK — OCEANOGRAPHIC RESEARCH
Anniversary conference of the Black Sea Experimental Station of the Institute of Oceanology of the U.S.S.R. Academy of Sciences. [illegible] A. Aibulatov, [illegible]. Izv. AN SSSR. Ser. geog. no. [illegible] Jl-Ag '60.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS
Reaction of the sex glands of [illegible] to light [illegible] [illegible] [illegible]. Priroda [illegible] no. [illegible] '60.
Sex glands [illegible] [with summary in English]. V. A. [illegible], [illegible]. Akt. [illegible] '60.

GENERATIVE ORGANS, FEMALE — DISEASES
(see also subdivision under Vitamins)
Physical therapy of inflammatory diseases of the female genital organs. [illegible] Malyshev [illegible]. [illegible] no. 1:35-40 Ja [illegible] '60.

GENERATIVE ORGANS, FEMALE — RADIOGRAPHY
Rusin, IA. I. [Contrast radiography in gynecology] Kontrastnaia rentgenografiia v ginekologii. Moskva, Medgiz, 1959. 190 p.
(MIRA M)

GENERATIVE ORGANS, FEMALE — TUMORS
Malignant [illegible]. V. M. [illegible]. [illegible] no. [illegible] Mr '60.

GENETICS
Voprosy evoliutsii biogeografii genetiki i selektsii. [Problems in evolution, biogeography, genetics, and breeding; collection of articles dedicated to the 70th anniversary of Academician N. I. Vavilov's birth] Voprosy evoliutsii, biogeografii, genetiki i selektsii; sbornik, posviashchennyi 70-letiiu so dnia rozhdeniia akademika N. I. Vavilova. Moskva, 1960. [illegible] p.

GENITOURINARY ORGANS — DISEASES
Physical methods of treatment [illegible] diseases of the male urogenital organs. [illegible] V. [illegible]. [illegible] no. [illegible] My '60.

GENOA, ITALY — THEATER
"The Martians" performed in Genoa. A. A. [illegible]. [illegible] no. 6:[illegible] Je '60.

GENSTAR see subdivision under Carpathian Mountains

GEOCHEMICAL PROSPECTING
From the editor. Probl. geokhim. no. 1:[illegible] '59.
Geochemical methods for exploring for rare metals [with summary in English]. [illegible] Mitkevich. Dokl. AN SSSR [illegible] no. [illegible] '60.

GEOCHEMISTRY
Conference on the [illegible] of geochemical [illegible]. M. V. [illegible]. Mineralogiia [illegible] 20 no. [illegible] '60.

GEODESY
Solution of triangles [illegible]. V. N. [illegible]. [illegible] '60.
Theory of the efficient adjustment of the precision of measurable and determinable elements of the trigonometrical systems. A. I. [illegible]. Sbor. nauch. trud. [illegible] no. 30:59-76 '59.

GEODESY — ABSTRACTS
[Astronomy and geodesy. Abstracts nos. 5701-[illegible]] Ref. zhur. Astron. i geod. no. 7:[illegible] '60.
[Geodesy, abstracts nos. [illegible]] Ref. zhur. Geol. no. 8 Ag '60.

GEODESY — TABLES, ETC.
Plotting of tables. A. V. [illegible]. [illegible] '60.

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS
(see also subdivision under Yunnan Province)
The subject and objectives of [illegible]. A. [illegible] Voronov, [illegible]. Vop. geog. no. 40:[illegible] '60.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL SOCIETIES see subdivision under India

GEOGRAPHICAL SOCIETIES — CONGRESSES
Impressions of the Third Congress of the Geographical Society of the U.S.S.R. [illegible]. [illegible] Ser. geog. no. [illegible] '60.

GEOGRAPHY
(see also subdivision under [illegible], Uzbekistan)
Directions of "Voprosy [illegible]." [illegible] '60.
A teacher-geographer in the [illegible]. V. A. [illegible]. Izv. Vses. geog. ob-va [illegible] Ag '60.
Geography of the future ("[illegible]"). [illegible] Arkhangel'skii. [illegible] no. 4:[illegible] '60.

GEOGRAPHY — BIBLIOGRAPHY see Bibliography — Geography

GEOGRAPHY — CONGRESSES
All-Union Congress of the Geographical [illegible]. [illegible] V. V. [illegible]. [illegible] no. 3:[illegible] Ag '60.
Third conference of geographers of [illegible]. Part [illegible]. V. V. Vorob'ev, [illegible]. [illegible] AN SSSR no. [illegible] '60.

GEOGRAPHY — DICTIONARIES
[illegible] [illegible] [illegible]. [illegible] 1960. [illegible] p.

GEOGRAPHY — PHILOSOPHY
On environmentalism [illegible]. Vest. Mosk. un. [illegible] '60.

GEOGRAPHY — STUDY AND TEACHING
(see also subdivision under Great Britain)
Geography [illegible] '60.
A [illegible] '60.
Using [illegible] geography. A. A. [illegible] '60.

GEOGRAPHY, ANCIENT see [illegible]

GEOGRAPHY, ECONOMIC
(see also subdivision under [illegible], India, [illegible] Economic [illegible])
Conference [illegible]. [illegible] '60.

GEOGRAPHY, ECONOMIC — CONGRESSES
Third [illegible]. [illegible]

GEOLOGICAL MODELING
Modeling in engineering geology. [illegible] Makeev [illegible] '60.
Using perforated materials [illegible] models. [illegible] geol. i razv. [illegible] '60.

GEOLOGICAL RESEARCH
Problems in geology [illegible]. [illegible]

GEOLOGICAL SOCIETIES
Activity of [illegible]. [illegible] '60.

GEOLOGICAL SURVEYS
(see also subdivision under [illegible] Region)
Metallometric surveys [illegible] [with summary in English]. [illegible] '60.

GEOLOGICAL SURVEYS — CONGRESSES
In the Central [illegible] no. 6:12-13 [illegible] '60.

GEOLOGICAL TIME
Akademiia nauk SSSR. [illegible] [illegible] [illegible] [Transactions of the sixth session of the [illegible] Delimitation of the [illegible] Formations, May 22-27, 1957] Trudy [illegible] 22-27 maia 1957 g. Moskva, 1960. [illegible] p.

[illegible]

liquid. S. S. Blushgens. Izv. AN SSSR Ser. mat. 24 no. 2: 171-202 Mr-Ap '60.

Ostrovskii, A. I., and B. A. Kordemskii. [Geometry helps arithmetic] Geometriia pomogaet arifmetike. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 165 p.

Unpublished manuscripts on geometry by Academicians A. I. Leksel' and N. I. Fuss. V. I. Lysenko. Vop. ist. est. i tekh. no. 9:116-120 '60.

GEOMETRY—PROBLEMS, EXERCISES, ETC.

Solving problems on the division of areas. G. I. Kabanov. Sred. spets. obr. 7 no. 6:48-51 Je '60.

GEOMETRY, ANALYTIC

Delone, B. N., and D. A. Raikov. [Analytical geometry] Analiticheskaia geometriia. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry.
Vol. 2. 1949. 516 p.

Efimov, N. V. [Short course and analytical geometry] Kratkii kurs analiticheskoi geometrii. Izd. 5., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 256 p.

GEOMETRY, PLANE—STUDY AND TEACHING

"Transfer" of the principle of problem solving. K. A. Slavskaia. Dokl. APN no. 4:67-70 '59.

GEOMETRY, PROJECTIVE

Transformations of projections. K. I. Val'kov. Sbor. nauch. trud. LISI no. 30 208 228 '59

GEOPHYSICAL RESEARCH

Geophysical research using rockets and artificial satellites. A. A. Blagonravov, M. G. Kroshkin. Vest. AN SSSR 30 no. 7:7-20 Jl '60.

Leningrad. Universitet. [International Geophysical Year; collection of articles and data] Mezhdunarodnyi geofizicheskii god. Année Géophysique Internationale, sbornik statei i materialov. [Leningrad] 1960. 222 p.

GEOPHYSICS—INTERNATIONAL COOPERATION

Second meeting of the International Committee on Geophysics. A. D. Povzner. Vest. AN SSSR 30 no. 7: 84-85 Jl '60.

Under the banners of 66 countries V A Troitskaia Nauka i zhizn' 27 no 5 11-16 My '60

GEORGE V COAST—GEOLOGY, STRUCTURAL

Some structural features of George V Coast and Oates Coast according to geophysical data. S. A. Ushakov. Inform. biul. Sov. antark. eksp. no. 18:11-14 '60.

GEORGIA—BUILDING MATERIALS

Expand the use of local building materials A Turashvili Zhil stroi no 5 12 My '60.

GEORGIA—CERAMIC INDUSTRIES

Dzhaoshvili, V. Sh. [Ceramic industries in Georgia. Keramicheskaia promyshlennost' Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1958. 205 p. [In Georgian.]

GEORGIA—CITIES AND TOWNS, MEDIEVAL

Essential features of Georgian cities of the era of slavery. D. A. Khakhutaishvili. Soob. AN Gruz. SSR 24 no 3:377-383 Mr '60.

GEORGIA—CITY PLANNING

Architectural practices in Georgia. R. Agababian, I. TSitsishvili, G. Chigogidze. Arkhit. SSSR no. 7:13-19 '60.

GEORGIA—COMMUNISM

Early translations of Marxist literature into Georgian' L. F. Chikovani. Vop. ist. KPSS 4 no. 4:140-146 '60.

TSertsvadze, M. V. [The revolutionary movement in Georgia, 1914-1917] Revoliutsionnoe dvizhenie v Gruzii v 1914-1917 gg. Pod red. Sh. K. Chkhetiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo."
Pt. 2. (1917 god). 1960. 339 p.

GEORGIA—CONCRETE

Shtaerman, I. I., and Sh. V. Burchuladze. [Concrete made with local materials. Beton na mestnom materiale. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1959. 39 p. [In Georgian.]

GEORGIA—CRANIOLOGY

Epochal changes in anthropological features. M. G. Abdushelishvili. Krat. soob. Inst. etn. no. 33:90-101 '60.

GEORGIA—DRACAENA

Cordyline australis on the Caucasian coast of the Black Sea. K. IU. Odisharija. Biul. Glav. bot. sada no. 36: 46-53 '60.

GEORGIA—ECONOMIC POLICY

[Great program of the building of communism; facts and figures] Velikaia programma kommunisticheskogo stroitel'stva; tsifry i fakty. [Tbilisi] Izd-vo TsK KP Gruzii, 1959. 155 p. (V pomoshch' propagandistam, agitatoram i lektoram)

Sadovskii, A. A. [Fish culture in ponds of collective farms. Rybnoe khoziaistvo v kolkhoznykh prudakh. Tbilisi, Izd-vo Akad. nauk Gruz. SSR] 1960. 54 p. [In Georgian.]

GEORGIA—FISHES

Sharashidze, V. A. [Key for the identification of fishes of Georgia.. Opredelitel' ryb Gruzii. Tbilisi, Gos. Izd-vo uchebno-pedagog. lit-ry, "TSodna"] 1960. 253 p. [In Georgian.]

GEORGIA—GRAPES—FERTILIZERS AND MANURES

Gvaladze, P. Z. [Efficient use of fertilizers in viticulture. Ratsional'noe ispol'zovanie udobrenii v vinogradarstve. Tbilisi, Izd-vo Akad. nauk Gruz. SSR] 1960. 56 p. [In Georgian with summary in Russian.]
(DA)

GEORGIA—LICHENS

New or little-known lichens from the Caucasus [with summary in English]. O. B. Blum Ukr bot. zhur. 17 no 3:82-84 '60

GEORGIA—METAMORPHISM (GEOLOGY)

Hydrothermal metamorphism of rocks enclosing lead-zinc and complex metal deposits in Georgia. T. V. Ivanitskii. Geol. rud. mestorozh. no. 6:102-113 N-D '59.

GEORGIA—METASOMATISM

Some specific features of upper Cretaceous volcanism in southeastern Georgia. G. M. Zaridze, N. F. Tatrishvili, I. I. Khmaladze. Dokl. AN SSSR 133 no. 3 649-652 Jl '60.

GEORGIA—NEMATODA

Studying plant nematodes of certain farm crops in eastern Georgia I. IA. Eliava Soob AN Gruz SSR 21 no 3 335-342 Mr '60.

GEORGIA—PALEONTOLOGY, STRATIGRAPHIC

Akademiia nauk Gruzinskoi SSR, Tiflis. [Sixth Scientific Session of the Institut of Paleobiology, December 21-22, 1958; theses of reports] VI nauchnaia sessiia Instituta paleobiologii, 21-22 dekabria 1958 g.; tezisy dokladov. Tbilisi, 1959. 16 p.

GEORGIA—PHYTOGEOGRAPHY

Ketskhoveli, N. N. [Vegetation cover of Georgia] Rastitel'nyi pokrov Gruzii. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1959. 441 p., col. map. [In Georgian with summary in Russian.]

GEORGIA—POLITICS AND GOVERNMENT

Georgia (Transcaucasia) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Georgian S. S. R., fourth session; verbatim report. Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva (chetvertaia sessiia), stenograficheskii otchet. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1958. 142 p. [In Georgian.]

Georgia (Transcaucasia) Verkhovnyi Sovet. [Meetings of the Fourth Supreme Soviet of the Georgian S. S. R., sixth session, November 27-28, 1958, verbatim report] Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR chetvertogo sozyva (shestaia sessiia) 27-28 noiabria 1958 goda; stenograficheskii otchet. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1959. 243 p.

GEORGIA—ROCKS, IGNEOUS

Lower Paleocene dacite volcanic activity in southern Georgia. Sh. A. Adamiia, O. Z. Dudauri. Soob. AN Gruz. SSR 24 no. 4:415-422 Ap '60.

GEORGIA—SOLAR ENERGY

Mellin, G. T. [Solar power resources of the Georgian SSR] Gelioenergeticheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1959. 126 p.

GEORGIA—TECHNOLOGICAL INNOVATIONS

Inspection of innovations in the Georgian Economic Council. A. Klenov. Izobr. i rats. no. 8:26-28 Ag '60.

GEORGIA—THEATER

Guest performances of the Shota Rustaveli Theater in Kiev. Ukraina no. 15:5 Ag '60.

Performance for the people; Georgian theater in Moscow. IU. Zavadskii. Ogonek 38 no. 26:20-21 Je '60.

GEORGIA—VOCATIONAL EDUCATION

Schools of Georgia are solving important problems. M. Chikhladze. Prof.-tekh. obr. 17 no. 5:3-4 My '60.

GEORGIA—WIND POWER

Balabuev, A. G., and N. S. Meskhi. [Wind power resources of the Georgian S. S. R.] Vetroenergeticheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk. Gruzinskoi SSR, 1959. 31 p.

GEORGIAN ACTORS see Actors, Georgian

GEORGIAN ART see Art, Georgian

Zhordaniia, R. G. [Terminological dictionary of names of Georgian birds, Latin, Georgian, Russian, and German nomenclature] Terminologicheskikh slovar' ptits Gruzii; latinskaia, gruzinskaia, russkaia i nemetskaia nomenklatura. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 61 p. [In Georgian.]

GEORGIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

Mrevlishvili, M., ed. [Stories by Georgian writers, 1954-1959] Rasskazy pisatelei Gruzii, 1954-1959. Tbilisi, "Zaria Vostoka," 1959. 569 p.
(RPB)

GEORGIAN MANUSCRIPTS see Manuscripts, Georgian

GEORGIYEVSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Intolerable methods S. Shaltugin. Part zhizn' Kazakh. 30 no. 5:37-39 My '60.

GERASIMOV, INNOKENTII PETROVICH

Election of Academician I. P. Gerasimov as an honorary member of the Italian Geographical Society Izv AN SSSR. Ser geog no 4:149 Jl-Ag '60

GERBILS

(see also subdivision under Bet-Pak-Dala; Kara Kum, Kazakhstan, Transbaikalia)

Diurnal activity of the Mongolian gerbil and Brandt's field mouse. A. N. Leont'ev. Izv. Irk. gos nauch.-issl. protivochum. inst. 16:78-84 '57.

Susceptibility of sharp-clawed gerbils (Meriones unguiculatus M. Edw) to experimental plague infection A K Balabkin, A. D Solodkaia Izv Irk gos nauch-issl. protivochum inst 14 19-25 '57

Use of an aerovisual method for calculating the number of colonies of large gerbils. N. A. Ponomarev, M. N. Shilov. Voen.-med. zhur. no. 6:84 Je '60.

GERBILS—DISEASES AND PESTS see subdivision under Gobi

GERBILS—PARASITES see Parasites—Gerbils

GERBILS AS CARRIERS OF DISEASE

Trichomonads from the intestines of the gerbil Meriones erythrourus. S. M. Pak. Trudy Inst. zool. AN Kazakh. SSR 12 82-85 '60.

GERMAN BALLADS see Ballads, German

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—STUDY AND TEACHING

Levinson, L. S., and T. M. Georgievskaia, comps. [Learn and play; a collection of games in the German language. A manual for teachers for grades 5-10 in secondary schools] Lernen and spielen. Uchit'sia i igrat; sbornik igr na nemetskom iazyke. Posobie dlia uchitelei V-X klassov srednei shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 103 p.

GERMAN LITERATURE—HISTORY AND CRITICISM

The German burger literature of the 13th century. B. I. Purishev. Uch. zap. Kaf. zarub. lit. MGPI no. 4:5-11 '59.

A jubilee conference in honor of Schiller. R. M. Samarin. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 3:88-89 My-Je '60.

GERMAN REUNIFICATION QUESTION (1949-

Peace treaty with Germany. V. Granov. Otv. na vop. trud. no. 115:41-45 '60.

GERMANIUM

Action of light on an anode-polarized germanium electrode. A. A. IAkovleva, T. I. Borisova, V. I. Veselovskii. Dokl. AN SSSR 133 no. 4:889-892 Ag '60.

Anodic solution of germanium with a p - n transition. O. G. Deriagina, E. N. Paleolog, N. D. Tomashov. Dokl. AN SSSR 133 no. 2:388-391 Jl '60.

Cyclotron resonance in germanium and silicon and the roll of negative effective masses [with summary in English]. IU. Kagan. Zhur. eksp. i teor. fiz. 38 no. 6 1854-1865 Je '60.

Dependence of the tensosensitivity of thin germanium films on the frequency. V. S. Shadrin, A. F. Gorodetskii. Izv. vys. ucheb. zav., fiz. no. 3:232-233 '60.

Effect of water vapor on the interaction between germanium and oxygen R. Kh Burshtein, L. A Larin, G. F. Voronina Dokl AN SSSR 133 no 1 148-151 Jl '60

Electrochemical and corrosion behavior of semiconductors in solutions of electrolytes. Part 2: Rate of solution of germanium in sulfuric acid in the presence of hydrogen peroxide [with summary in English]. E N. Paleolog, N. D. Tomashov, A. Z. Fedotova Zhur. fiz. khim. 34 no. 5:1027-1031 My '60.

Electrochemical and photoelectrochemical processes taking place on germanium of the p- and n-type in the region of cathode polarization. R. M. Lazorenko-Manevich, N. A. Aladzhalova, V. I. Veselovskii. Dokl. AN SSSR 133 no. 3:620-623 Jl '60.

GERMANIUM (Continued)

Leaching out germanium from coals with the use of water. I.V.Vinarov, I.N.TSelik, A.I.Orlova. Ukr. khim.zhur. 26 no.3 383-388 '60.

Lomashov, I.P. [Germanium and silicon are the most important semiconductors] Germanii i kremnii- vazhneishie poluprovodnikovye materialy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 51 p.

Properties of metallic solutions. Part 6: Effect of adding indium and germanium on the surface tension and microstructure of tin [with summary in English]. N.L. Pokrovskii, D.S.Tissen. Zhur.fiz.khim. 34 no 6, 1238-1242 Je '60.

GERMANIUM—ANALYSIS

Polarographic determination of germanium in solutions after etching of its surface M.N.Platonova. Zav lab 26 no.7 795-796 '60.

GERMANIUM CRYSTALS

Growth of dislocation-free single crystals of germanium. E.IU.Kokorish, N.N.Sheftal. Kristallografiia 5 no.1: 156-157 Ja-F '60.

GERMANIUM DIODES

Overload and countermeasures in switching of germanium diodes. V.Gusa, IA.TSigelka, L Chernyi. Elektrichestvo no.6:82-85 Je '60.

GERMANY—ARMY

On losses and replacements of the German armed forces in the Second World War Vendland Voen ist zhur 2 no 5 76-94 My '60

GERMANY—COMMUNIST PARTY

Kulinych, I.M., and M M Koshyk. [Revolutionary work of "Spartacus," a German Communist Group, in the Ukraine, 1918-1919] Revoliutsiina dial'nist nimets'koi komunistychnoi grupy "Spartak" na Ukraini, 1918-1919rr Kyiv, Vyd-vo Akad.nauk URSR, 1959 133 p.

GERMANY—FOREIGN POLICY—UNITED STATES

Wheeler, George, S. [American policy in Germany, 1945-1950. Translated from the German. Preface by Z.Sheinis] Amerikanskaia politika v Germanii, 1945-1950. Moskva, Izd-vo inostr.lit-ry, 1960. 309 p.

GERMANY—FOREIGN RELATIONS

Fascist Germany's exodus from the League of Nations E.N Petrunin. Nauch.dokl vys shkoly,ist nauki no 2 167-181 '60

GERMANY—HISTORY

Al'per, R.S.[Revolutionary traditions of the German people] Revoliutsiini tradytsii nimets'koho narodu. Kharkiv, Vyd-vo Kharkivs'koho derzh.univ.im. O.M. Gor'kogo.

Pt.1. [From the Great Peasant War of the 16th century to the November Revolution of 1918] Vid Velykoi selians'koi viiny XVI st.do Lystopadovoi revoliutsii 1918 roku. 1959. 247 p.

GERMANY—POLITICS AND GOVERNMENT

Bartel, Walter. [The Left in the German Social-Democratic Party in the struggle against militarism and war. Translated from the German. Preface by I.G.Kabin] Levye v germanskoi sotsial-demokratii v bor'be protiv militarizma i voiny. Moskva, Izd-vo inostr.lit-ry, 1959. 699 p.

GERMANY, EAST—AGRICULTURE, COOPERATIVE

On a collective farm in the German Democratic Republic Tamara Maier Belarus' 17 no.7 7 Jl '60

GERMANY, EAST—CLOTHING, PROTECTIVE

Foreign technological innovations Okhr.truda i sots. strakh. 3 no 6,61 Je '60

GERMANY, EAST—COAL MINES AND MINING

East of Dresden. B.Gurnov. Smena 37 no.13:23-24 Jl '60.

GERMANY, EAST—COLOR PHOTOGRAPHY—FILMS

Agfa-color. P Holtkamp Nauka i zhizn' 27 no 5 31 My '60

GERMANY, EAST—COMMUNIST PARTY—PERIODICALS

German historical party journal. Heinrich Gemkov. Vop.ist.KPSS 4 no.4 225-230 '60

GERMANY, EAST—CRIMINAL LAW

Problems in the general part of the criminal law of the German Democratic Republic. N.F.Kuznetsova. Vest. Mosk.un.Ser.ekon.,filos.,prava 11 no.2:147-162 '60.

GERMANY, EAST—ECONOMIC CONDITIONS

Historic turning point on the 15th anniversary of the liberation of the German people from Hitler's fascism. Otto Reingold. Prop.i agit. 41 no.8 46-48 Ap '60.

GERMANY, EAST—EXCAVATING MACHINERY

Excavating machine with cutter heads. Znan.sila 35 no.7:51 Jl '60.

GERMANY, EAST—EYEGLASSES

Multifocal eyeglasses. R Ricker Nauka i zhizn' 27 no 5 58 My '60

GERMANY, EAST—GIRLS

Rising from the ruins.... Helga Weissflug. Vsem.stud. nov. 14 no 3/4:16-17 Mr-Ap '60.

GERMANY, EAST—GOVERNMENT OWNERSHIP

Origin and development of the state sector of the national economy in the German Democratic Republic. V.Pankov. Nauch.dokl.vys.shkoly;ekon.nauki no.2.71-83 '60.

GERMANY, EAST—INDUSTRIES

Made in the German Democratic Republic. P.Pazenko. Ukraina no.15·19 Ag '60.

GERMANY, EAST—JOURNALISM

Leafing through a notebook. D.Belasov. Sov.pech. no.7·55-56 Jl '60.

GERMANY, EAST—LENSES, PHOTOGRAPHIC

Photographic lenses of the German Democratic Republic W Dannberg Sov.foto 20 no 6 29-30 Je '60

GERMANY, EAST—MOTION-PICTURE PLAYS

Crime of the indifferent E.Pomerantseva Isk kino no 5·106-107 My '60

GERMANY, EAST—PHOTOGRAPHIC OPTICS

Optical transformer. H.Scharffenberg. Sov.foto 20 no.7·37 Jl '60.

GERMANY, EAST—PHOTOGRAPHY—FILMS

Agfa film. P.Goltkamp. Nauka i zhyttia 10 no 5 43-44 My '60

GERMANY, EAST—PUBLIC HEALTH

Achievements of the public health service in the German Democratic Republic. Vrach.delo no.7 143-145 Jl '60.

GERMANY, EAST—RAILROADS—EMPLOYEES

Some methods of the psychology of labor in railroad transportation in the German Democratic Republic V.N Pushkin. Vop.psikhol. 6 no 2·159-163 Mr-Ap '60.

GERMANY, EAST—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

"Friendship week." Vest.Mosk.un.Ser.3 Ekon.filos. 15 no.4·85-86 Jl-Ag '60.

GERMANY, EAST—RELATIONS (GENERAL) WITH RUSSIA

Letter from the German Democratic Republic W Heilig Sov.foto 20 no 6 9-10 Je '60

Visitors from the German Democratic Republic in Moscow and Leningrad Sov.foto 20 no.5 26 My '60

GERMANY, EAST—STUDENTS

Rising from the ruins.... Helga Weissflug. Vsem.stud. nov. 11 no.3/4:16-17 Mr-Ap '60.

GERMANY, EAST—WELDING

New developments in welding techniques in the German Democratic Republic. V.V.Stepanov. Svar.proizv. no.7:40-41 Jl '60.

GERMANY, EAST—WOODWORKING MACHINERY

Woodworking machinery of the German Democratic Republic at the 1960 Leipzig Fair Der.prom. 9 no 5 29 My '60.

GERMANY, WEST—ARMY

Victims of Bonn militarists A Rachkov. Smena 37 no 10 30-31 My '60

GERMANY, WEST—BANKS AND BANKING

Strengthening of banking monopolies in West Germany. G.Deza. Den.i kred. 18 no.8:63-71 Ag '60.

GERMANY, WEST—BOILERS

[Use of boiler systems. Translated from the German] Ekspluatatsiia kotel'nykh ustanovok. Pod red. K.F. Roddatisa. Moskva, Gos.energ.izd-vo, 1959. 495 p.

GERMANY, WEST—CAMERAS

"Optima." Sov.foto 20 no.3,36-37 Mr '60.

GERMANY, WEST—COAL MINING MACHINERY

Bratchenko, B.F., and others. [Coal mining technology in the German Federal Republic] Tekhnika v ugol'noi promyshlennosti FRG. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 438 p.

GERMANY, WEST—CONSTITUTION

Fundamental law of the German Federal Republic. N.A. Sidorov. Uch.zap.Kaf.gos.prava IMO no.1:120-147 '60.

GERMANY, WEST—DEFENSES

Along the trodden path. Nov vrem 18 no 29 21-22 Jl '60.

Militarism of a Promised Land. E.Zaitsev, A.Poltorak. Zvezda no.6:148-164 Je '60.

Strauss' miscalculation. N.Ketishov. Nov.vrem. 18 no.31:13-14 Jl '60.

The truth cannot be hidden. A Zholkver. Mezhdunar zhizn' 7 no.8 126-128 Ag '60.

GERMANY, WEST—DREDGING MACHINERY

Floating Werl pump dredge. N.A.Vasil'ev. Transp stroi. 10 no.6·57 Je '60.

GERMANY, WEST—ECONOMIC POLICY

Theory of the so called "social or free market economy" in the service of the monopolistic capital of Western Germany. A.Goleva. Nauch.dokl.vys.shkoly;ekon. nauki no.2 108-119 '60.

GERMANY, WEST—EDUCATION

Neo-Nazism and the schools in West Germany V M Men'shikov, V S Shumskii Sov pedag 24 no 5 85-97 My '60

GERMANY, WEST—FASCISM

Neo-Nazism and the schools in West Germany V M Men'shikov, V.S Shumskii Sov pedag 24 no 5 85-97 My '60

GERMANY, WEST—FOREIGN RELATIONS

A dangerous policy without a future Mezhdunar zhizn' 7 no 8 59-67 Ag '60

The end of bloodthirsty Hitlerism should be a stern warning to aggressors A.Poltorak Polit.samoobr. 4 no.5 51-63 My '60.

GERMANY, WEST—FOREIGN RELATIONS—UNITED STATES

Bonn-Washington. A.Turov. Sov.voin 42 no.7.24-25 Jl '60.

GERMANY, WEST—GAS WELDING AND CUTTING

Development and use of gas pressure welding in the German Federal Republic Svar.proizv. no.8 39-40 Ag '60.

GERMANY, WEST—GEOLOGY

Fourth session of the International Association for the Study of Deep Crustal Zones in West Germany, September 9-25, 1959 I. V Pustovalov, F V Pavlovskii Sov geol 3 no 5 131-135 My '60

GERMANY, WEST—JOURNALISM

Morals of the bourgeois press. Sov.pech no.7:59 Jl '60.

GERMANY, WEST—LEGISLATIVE BODIES

The parliament of the German Federal Republic I N Popova Uch.zap Kaf gos prava IMO no 1 118-182 '60

GERMANY, WEST—LIGNITE

Deep ground water level lowering in lignite open-pit mines of the Rhine Basin. G.I.Man'kovskii. Ugol' 35 no.7:55-58 Jl '60.

GERMANY, WEST—MILITARISM

Against the ideology of German imperialism. A.S.Erusalimskii. Vop.filos. 14 no.7 90-105 '60.

Alliance of the cross and the swastika G.Hesselbart Mol komm. no 7 109-111 Jl '60

GERMANY, WEST—MIXING MACHINERY

Modern machinery for making mortars and concretes in the German Federal Republic. M.A.Titov. Stroi.i dor. mashinostr. 5 no.7·37-39 Jl '60.

GERMANY, WEST—MUNITIONS

Industries for the production of war material (conclusion). Nov.vrem. 18 no.31:16-20 Jl '60.

GERMANY, WEST—MUSIC—HISTORY AND CRITICISM

"Musica Nova." O.Leont'eva. Sov muz. 24 no.7:176-183 Jl '60.

GERMANY, WEST—MUSIC—PERIODICALS

Lost traditions. G.Shneerson. Sov.muz. 24 no.7:171-174 Jl '60.

GERMANY, WEST—NAVY

Bonn mines in the sea of peace. V Golant. Zvezda no 6 152-159 My '60

The role of Denmark and Norway in the plans of the Bonn revanchists. V.Kobysh. Mir.ekon.i mezhdunar.otn no 7:100-101 Jl '60.

GERMANY, WEST—PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES

Latest in the field of equipment Plast massy no 5 71 '60.

GERMANY, WEST—RELATIONS (GENERAL) WITH AFRICA

Academy of national treachery. S.Gorskii. Sovr.Vost. no.7:46-47 Jl '60

GERMANY, WEST—RELATIONS (GENERAL) WITH ASIA

Academy of national treachery. S.Gorskii. Sovr.Vost. no.7:46-47 Jl '60.

GERMANY, WEST—RUBBER INDUSTRY

Economic aspects of the rubber industry of the German Federal Republic. A.D.Shakh, E.S.Gurovich. Kauch. i rez. 19 no.7;34-39 Jl '60.

MANY, WEST—SOCIAL CONDITIONS
e right to live; to be continued. Lev Ginzburg. Nov. [illegible] 18 no.30:26-27 Jl '60.

MANY, WEST—SOCIAL DEMOCRATIC PARTY
[illegible]ful retreat. Nov. vrem. 18 no.29 21 Jl '60.

MANY, WEST—STRATEGY
e fantastic plans of the Bonn conquerors. Nov. vrem. [illegible] 18-19 Jl '60
[illegible] miscalculation. N. Kollabov. Nov. vrem. 18 [illegible] 13-14 Jl '60.

MANY, WEST—TRADE UNIONS
[illegible] program for West German trade unions. M. Tilip-[illegible]. Mir. ekon. i mezhdunar. otn. no. 7:106-107 Jl '60

MANY, WEST—TRIALS (POLITICAL CRIMES AND OFFENSES)
[illegible] in the dock. Bohuslav Petrov. Vsem. stud. nov. 14 [illegible] Mr-Ap '60.

MANY, WEST—WAR CRIMINALS
[illegible] the happiness of the young citizens of the globe. A. [illegible]. Ogonek 38 no 22.6 7 My '60.

MINATION
[illegible] in treating seeds with trace elements before [illegible]. V. [illegible], A. H. Matinian. Biul. Glav. bot. sada [illegible] 36:[illegible] 104 '60.
[illegible] of seeds stored under laboratory conditions. [illegible]. Biul. Glav. bot. sada no. 36:[illegible] '60.

YSERS
(see also subdivision under Kamchatka)
[illegible] of geysers. I. I. Golubina, N. N. Molov. Izv. AN SSSR. Ser. geofiz. no. 7:1033 1039 Jl '60.

ANA—RELATIONS (GENERAL) WITH RUSSIA
[illegible] comes closer to us. Kul't i zhizn' 4 no 6 37 38 [illegible]

[illegible]
[illegible] forms of lambliasis and its differentiation from [illegible]tery. V. I. Khalitova. Zdravookhranenie 3 no. 3: 35 37 My-Je '60.
[illegible] in children and their significance in intestinal pathology. E. P. Kolchin. Zdrav. Kazakh. 18 no. 1: 41 43 '59
[illegible] for cultivating lamblia. A. E. Karapetian. [illegible] 2 no 3:370 364 My-Je '60.

BERELLIC ACID
Effect of gibberellic acid on the growth of Cladonia [illegible] alpestris (L.) Web. K. A. Baranskova. Bot. zhur. 45 no. 5:748-750 My '60.
Grapes are made sweeter. F. D. Kashchenko. Nauka i zhizn' 27 no. 6 34 Je '60.

BBERELLIN
Effect of gibberellic acid on the morphology of some [illegible] plants [with summary in English]. V. I. [illegible], A. P. Vaspetian. Zhur. ob. biol. 21 no. 4: [illegible] Jl-Ag '60.
[illegible] of gibberellin on the fermentative activity of [illegible]. S. M. Stashko, V. I. Samoilova. [illegible] 20 no. 5 20 23 '60.
[illegible] of gibberellin for tuber formation [with summary in English]. V. I. Harutunov. Bot. zhur. 45 no. 7: [illegible] Jl '60.

ALTAR TUNNELS
[illegible] tunnel. Tekh. mol. 28 no. 6:36 '60.

[illegible] (MONGOLIA)—PLAGUE
[illegible] of pulmonary plague in Gichigan in the Mongolian People's Republic. V. P. [illegible], G. S. Letov. [illegible] 20:105-106 [illegible]

[illegible]
[illegible] anniversary of the Ginseng Committee. M. A. [illegible], Z. I. Gutnikova. Izv. Sib. otd. AN SSSR no. 5: 117 121 '60

[illegible]—DISEASES AND PESTS
New rare species of fungi found on ginseng. I. A. Bunkina, A. S. Bondartsev. Bot. mat. Otd. spor. rast. 13:130-132 [illegible]

GIPSY MOTH
[illegible] naturalists fought the gipsy moth. A. V. [illegible]. Biol. v shkole no 3:55-57 My-Je '60

GIRAFFES
[illegible] characteristics of the physiology of the giraffe. [illegible] Priroda 49 no 7.93-94 Jl '60.

GIRDERS
(see also subdivision under Zaporozh'ye Province)
[illegible] of internal forces in beams subjected to bending [illegible] elastic limits. IU. N. Tikhenko. Sbor. trud. [illegible]ZHNII no 3:160-204 '59.
Bending capacity of reinforced concrete and prestressed elements subjected to cross-bending. A. S. Zorich. Sbor. trud. IUZHNII no. 3:64-75 '59.
Bending of a hollow bar with elliptical cross section. B. A. Obodovskii. Rasch. na prochn. no. 5:182-190 '60.
Bending of short beams [with summary in English]. M. O. Peklov. Dop. AN URSR no 3:322-326 '60
Bending under stress of a uniform girder of constant cross section with a slightly bent axis. R. S. Minasian. Dokl. AN Azerb. SSR 16 no. 3:233-237 '60.
Calculating the redistribution of stresses in continuous prestressed reinforced concrete girders. Ch'eng Wên-shan. Bet. i zhel.-bet. no. 7:316-319 Jl '60.
Deformations (rigidity) of prestressed reinforced concrete bent elements. V. N. Rozhdestvenskii. Sbor. trud. IUZHNII no. 3:100-128 '59
Designing statically indeterminate girders of minimum weight for several load combinations acting at different times or for live loads. N. A. Serov. Sbor. nauch trud. LISI no. 30:26-40 '59.
Determining the bending center of thick-walled sections. V. I. Balkin. Rasch. na prochn. no. 6,171-181 '60.
Determining the optimum length of a plate reinforcing a thin-walled bar. A. N. Elpat'evskii. Rasch. na prochn. no. 6,140-154 '60.
Differential stress-rigidity relations in continuous girders. A B. Iznaitt. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2.25-34 '60.
Experimental investigation of the loss of prestress in wire-reinforced composite girders. A. I. Semenov, G. E. Sherzhukov. Sbor. trud. IUZHNII no. 3:198-208 '59.
Formation of cracks in and rigidity of I- and II-shaped reinforced concrete construction elements subjected to bending. K I Vilkov Izv vys. ucheb. zav.; stroi. i arkhit. no. 2 87-90 '60
Matrix representation of continuous girders. K. K. Ponomarev. Izv vys ucheb. zav.; stroi. i arkhit no. 2 35-51 '60.
Performance of prestressed reinforced concrete beams with horizontal reinforcing bundles. G. K. Evgrafov. Transp. stroi. 10 no. 5:37-41 My '60.
Prestressed reinforced concrete girders made of linear elements. O. A Bekh, V. S. Gabrielian. Prom. stroi. 38 no. 7:35-40 '60.
Reusable devices for assembling reinforced concrete girders. E. P. Bondar'. Bet. i zhel.-bet. no. 6:266-271 Je '60.
Stability of plane bending beyond elastic limits. I. G. Kilnov. Sbor. nauch. trud. LISI no. 30:153-171 '59.

GIRDERS—TESTING
Tensile strength and compression of heat resistant reinforced concrete construction elements subjected to nonuniform heating. A. F. Milovanov, V. S. Zyrianov. Bet. i zhel.-bet. no. 7:310-316 Jl '60.

GIRDERS—VIBRATION
Free vibrations of elastically supported multispan beams. IU. G. Kozmin. Stroi. mekh. i rasch. soor. 2 no. 4: 33-36 '60.

GIRDERS—WELDING
Automatic butt welding with use of a split electrode of longitudinal girder walls for railroad flat cars. E. N. Kanevskii, G. N. Khmel'nitskii. Avtom. svar. 13 no. 6: 46-47 Je '60.

GIRLS see subdivision under Germany, East

GISSAR RANGE—ROSES
Roses from the western part of the Gissar Range. L. T. Vasil'chenko. Bot. mat. Gerb. 20 217-230 '60.

GITMAN, IAKOV MOISEEVICH
A position or a profession? L. Bulgak. Teatr 21 no. 7: 171-172 Jl '60.

GLACIERS
(see also subdivision under Ak-Bulak Valley; Altai Mountains; Malyy Baskan Valley; Trans-Ili Ala-Tau)
Reaction of the earth's crust to the load of continental glaciations. S. A. Ushakov Dokl AN SSSR 133 no 1 205-207 Jl '60.

GLACIOLOGICAL RESEARCH
(see also subdivision under Ural Mountains)
Device for handling ice blocks. M. A. Kuznetsov. Inform. biul. Sov. antark. eksp. no. 18:32-35 '60.

GLADIOLUS see subdivision under Chu Valley

GLADIOLUS—DISEASES AND PESTS see subdivision under Moscow

GLADKOV, FEDOR VASIL'EVICH, 1883-1958
Meetings with F. Gladkov. B. Brainina. Vop. lit. 4 no. 8:164-177 Ag '60.

GLANDS, DUCTLESS see Endocrine glands

GLANDS, ODORIFEROUS
Biological significance of odoriferous glands in mammals [with summary in English]. P. P. Tarasov. Zool. zhur. 39 no. 7:1062-1068 Jl '60.

GLANDULAR FEVER see Mononucleosis

GLASS
Effect of fluorine on the viscosity of glasses in the systems Na_2O - BaO - SiO_2, Na_2O - PbO - SiO_2 and Na_2O - MgO - SiO_2 in the range of fritting temperatures. L. L. Gutorova, V. S. Kheifets. Trudy LTI no. 58 75-82 '59.
Manufacture of glass apparatus. P. G. Udyma. Khim. mash. no. 4,45-46 Jl-Ag '60.
Meet glass! N. Pokidov. Znan. sila 35 no. 7:22-23 Jl '60.
Ways of increasing the mechanical strength of glass. S. M. Brekhovskikh. Stek. i ker. 17 no. 7:24-28 Jl '60

GLASS—ELECTRIC PROPERTIES
Effect of additions of alkali metal oxides on the electric conductivity of nonalkali glasses. O. V. Mazurin, E. IA. Lev. Izv. vys. ucheb. zav.; fiz. no. 3 43-51 '60.

GLASS—TESTING
Control of the homogeneity of glass by means of dispersion light filters [with summary in English]. L. I. Vidro, IU. M. Khorol'skii. Inzh.-fiz. zhur. no. 7:112-116 Jl '60.
Making glass films. I. I. Kitaigorodskii, V. V. Rostokinskii. Stek. i ker. 17 no. 7:21-24 Jl '60.
New method for determining the homogeneity of glass. V. I. Sheliubskii. Dokl. AN SSSR 133 no. 3 571-574 Jl '60.

GLASS, COLORED
Glass rainbow M. Mialov Ukraina no. 11:8, 16b-16c Je '60

GLASS BLOWING AND WORKING—EQUIPMENT AND SUPPLIES
Beshagin, S. P. [Flame process tooling for the industrial equipment used in electric vacuum production] Ognevoe osnashchenie tekhnologicheskogo oborudovaniia elektrovakuumnogo proizvodstva. Moskva, Gos. energ. izd-vo, 1960. 255 p.

GLASS CONSTRUCTION
(see also subdivision under Denmark; Poland)
Ceramics and glass for mass construction. L. I. Lopovok. Stek. i ker. 17 no. 7:8-11 Jl '60.
Glass blocks in housing construction A Kolmovskii Zhil stroi no 5 17-19 My '60
Let's meet the demands of urban development. Stek. i ker. 17 no. 7:1-3 Jl '60.
New glass products for construction. I. G. Gurvits. Stek. i ker. 17 no. 7:4-8 Jl '60.
Using glass blocks in building food plants. K. Rashkovskii, A. Rozenblat. Stroi. i arkhit. 8 no 7:21-22 Jl '60.
Using glass in construction. Arkhit SSSR no. 5:55 '60.

GLASS FIBERS
Around us Ogonek 38 no. 27 8 Jl '60.
Fiber glass reinforcements for concrete construction elements. A. I. Semenov and others. Sbor. trud IUZHNII no. 3:200-217 '59.
Laminated plastics based on glass fibers. Report 9 Hardening of some resole resins used in the manufacture of glass fiber and other laminated plastics P Z. Li, T M Kashirskaia, T. M Lukovenko Plast massy no 5 12-14 '60.
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Articles made of glass fibers] Izdeliia iz steklianogo volokna. Izd. ofitsial'noe. Moskva, 1959. 38 p. (Gosudarstvennye standarty SSSR)
Use of glass fibers in textile manufacture. V. M. Butovich. Tekst. prom. 20 no. 7:79 [illegible]
Using glass-"eskapon" lacquer f[illegible]
tion of electric machines L. [illegible]
vosion

GLASS
(see

Efficient methods for kilning [illegible]. [illegible]
Stek. i ker. 17 no. 7:35-38 Jl '60.
Electric lehrs. A. V. Karavchuk. Stek. i ker. 17 no. 7: 44 Jl '60.
Zonal glass-melting furnaces. M. I. Koz'min, A. G. Minakov. Stek. i ker. 17 no. 7:29-31 Jl '60.

GLASS MANUFACTURE
(see also subdivision under Artemovsk; Daghestan; Leningrad; Moscow Province)
Annealing continuous rolled glass [with summary in English]. V. P. Kononko. Dop AN URSR no. 3:353-357 '60

GLASS MANUFACTURE—CHEMISTRY
"Diagrams of glass systems" by M. A. Bezborodov and others. Reviewed by O. K. Botvinkin. Stek. i ker. 17 *no. 7:49 Jl '60.*
Ermolenko, N. N., and L. N. Lambin. [Method for drawing diagrams representing multicomponent systems and using it in the synthesis of new glasses] Metod postroeniia diagramm mnogokomponentnykh sistem i ispol'zovanie ego pri sinteze novykh stekol. Minsk, Redaktsionno-izdat. otdel BPI im. I. V. Stalina, 1959. 34 p.

GLASS REINFORCED PLASTICS

Block copolymer from epoxide and dimethylresorcinol resins as a binder for glass reinforced plastics M S Akutin, I M Gurman, M A Stal'nova Plast massy no 5 10-11 '60

Effect of moisture on the physicomechanical properties of glass reinforced plastics. Report No.1: Effect of the duration of keeping glass reinforced plastics in water on their strength. K.V.Panferov, I.G.Romanenkov. Plast.massy no.4·35-37 '60.

Glass-fiber plastics V A Riabov Stroi mat 6 no 5· 10-12 My '60

Laminates based on glass fiber. Report No.6· Polyester binder for glass reinforced plastics. P.Z.Li and others. Plast massy no.4,9-12 '60.

Using microstructure analysis in the study of glass reinforced plastics. V.M.Guterman, A.M.Kogan, M.M.Kotina. Plast.massy no.4·58-66 '60.

GLASS REINFORCED PLASTICS—CONGRESSES

Production and uses of glass reinforced plastics. I.Trandafilova. Plast.massy no.4:71-73 '60.

GLASSWARE see subdivision under Czechoslovakia

GLAZES

Using glazes made with "erevanite" and calcium metasilicate in making faience products. M.G.Manvelian, L.N.Alekseenko, M.K.Avetisian. Stek.i ker. 17 no.7· 28-29 Jl '60.

GLAZUNOV, ALEKSANDR KONSTANTINOVICH, 1865-1936

[Glazunov; studies, materials, publications, letters. In two volumes] Glazunov; issledovaniia, materialy, publikatsii, pis'ma. V dvukh tomakh. Leningrad, Muzgiz. (Muzykal'noe nasledie)
Vol. 2. 1960. 568 p.

GLIDERS (AERONAUTICS)

First wings. N.Anoshchenko. Ogonek 38 no.33:16 Ag '60.

L-13 "Blanik" all-metal glider E Sapozhnikov. Kryl rod. 11 no.5 12-13 My '60

New gliders. V.Plaksin. Kryl.rod. 11 no.7:17-18 Jl '60.

GLIDING AND SOARING

(see also subdivision under Kazan; Siberia)

Highest standards for gliding! P Vladimirov Kryl rod 11 no 5 8-9 My '60

Long-distance gliding and landing on a predesignated spot V Il'chenko. Kryl rod 11 no.5 10-11 My '60

What a glider pilot should know about meteorology. L Gaza Kryl.rod. 11 no 6·19-20 Je '60

What a glider pilot should know about meteorology. L.Gaza. Kryl.rod. 11 no.7:24-26 Jl '60.

GLINYANY DISTRICT—CHORAL SOCIETIES

We try to sing better. IU.Moiseienko. Sots.kul't. 13 no.7:34 Jl '60.

GLINYANY DISTRICT—LIBRARIES, RURAL

Our visual propaganda should be effective. K.Palamarchuk. Sots.kul't. 13 no.7·39-10 Jl '60.

GLOBKE, HANS, 1898-

Hans Globke, criminal No.101. V.Chernov. Ogonek 38 no.32·14-15 Ag '60.

GLOBULIN

Changes in the amount of blood proteins, albumins, and globulin fractions in children with nephritis in various phases of the disease IA.I.Muratidi Vop okh mat i det 5 no 4.40-45 Jl-Ag '60

Comparative immunogenic effectiveness of antiplague serum and of its globulin fractions. L.D.Khundanov, V.S.Kolesnik, G.P.Pletnikova. Izv. Irk gos nauch issl. protivochum. inst. 16:43-50 '56.

Role of active globulins in increased capillary permeability in inflammation [with summary in English]. S.M. Shchegel' Pat.fiziol.i eksp.terap. 4 no.3:14-17 My-Je '60.

GLUCONIC ACID

Relative stability of gluconate complexes of rare earth elements. N.A.Kostromina. Ukr.khim.zhur. 26 no.3.299-304 '60.

Use of crisanol and antibacterial preparations in pulmonary tuberculosis. O G.Spesivtsev. Pat., klin.i terap tub. no.8:270-271 '58.

GLUCOSE see subdivision under Kansk

GLUE

Glue for fixing printing plates to bases. P.Semin. Poligr.proizv. no.5:20 My '60.

GLUE—THERMAL PROPERTIES

Properties of some heat-resistant lacquers and glues E.I.Fridman and others Vest.elektroprom. 31 no 6 31-37 Je '60

GLUING

(see also subdivision under United States)

Attachment for gluing the covers of radio receiver cases. V.N.Korsun. Der.prom 9 no 5·25 My '60.

Gluing parts on a hydraulic press with heating by high frequency currents. V.P.Konstantinov. Sudostroenie no.7:60-61 Jl '60.

Using glues in repair work. E.I.Berniker. Mashinostroitel' no.7:16 Jl '60.

Using the VS-10T adhesive for gluing friction facing with brake shoes and driven clutch disks of automobiles. TS.M Vol. Obm tekh opyt na avt transp no.3 13-32 '60

GLUSHKO, M.

Successes and errors ("IUl'ka"; stories by M.Glushko. Reviewed by A.Efimov). Sov.Ukr. 10 no.8·181-183 Ag '60.

GLUTAMIC ACID

Influence of glutamic acid on cholinergic excitation in the central and peripheral synapses [with summary in English]. P.E.Diablova. Biul.eksp.biol.i med. 49 no.1:83-86 Ja '60

Preparation of glutamic acid from corn and wheat gluten. A.I.Zhushman. Sakh.prom. 31 no.6·60-62 Je '60.

Synthesis of folic acid analogs. S.G.Fridman. Ukr. khim.zhur. 26 no.3·350-363 '60.

GLUTEN

Preparation of glutamic acid from corn and wheat gluten. A.I.Zhushman. Sakh.prom. 34 no.6:60-62 Je '60.

GLYCAMINES

Double reaction capacity of stereoisomeric arylglycamines in the azo coupling reaction. V.M.Berezovskii, E.P.Rodionova. Trudy VNIVI 6·39-41 '59.

GLYCERIC ACID

Chemical conversions of unsaturated and high molecular weight compounds. Report No.14: Copolymerization of trivinylglyceric ester with methacrylic acid and its methyl ester. M.F.Shostakovskii, A.M.Khomutov. Izv.AN SSSR.Otd.khim.nauk no.6,1104-1107 Je '60

GLYCERIDES

Alcoholysis of glycerides as a method of purifying and enriching concentrates with vitamins A and E obtained by molecular distillation. M.I.Kogan. Trudy VNIVI 6;62-67 '59.

GLYCEROL

Rheological properties of glycerin solutions [with summary in English]. I.A.Dumanskii, L.V.Khailenko. Koll.zhur. 22 no.3·277-281 My-Je '60.

GLYCINE

Compounds of cadmium with glycocoll. I.A.Fedorov, T.A.Balakaeva. Zhur.neorg.khim. 5 no.7 1522-1532 Jl '60.

Electrical conductivity of triglycine sulfate single crystals. V.N.Gurevich, I.S.Zheludev, I.S.Rez. Kristallografiia 5 no.1:142-145 Ja-F '60.

Inner-complex compounds of cadmium with glycocoll. I.A.Fedorov, T.A.Balakaeva. Zhur.neorg.khim. 5 no.7.1533-1543 Jl '60.

N-di (chloroethyl amides of aminocarboxylic acids and their peptides. Part 1: Method of obtaining the N-di (chloroethyl) amide of glycine and of compounds related to it. T.S.Safonova, S.I.Sergievskaia. Zhur.ob.khim. 30 no.7;2432-2433 Jl '60.

GLYCINE—ELECTRIC PROPERTIES

Dependence of the dielectric properties of triglycine sulfate plates on their thickness. A.S.Sonin, V.V.Gladkii. Kristallografiia 5 no.1·145-147 Ja-F '60.

Effect of ultraviolet radiation on the seignettoelectric properties of triglycine sulfate crystals. I.M.Sil'vestrova, N.A.Romanov. Kristallografiia 5 no.1:147-150 Ja-F '60.

GLYCOGEN

Influence of the application and removal of a tourniquet on the decomposition and synthesis of glycogen in the muscles. T.IA.Balaba. Uch.zap.2-go MGMI 17:65-77 '58.

Influence of the exclusion of sympathetic innervation on the amount of glycogen and macroergic phosphorus compounds in the myocardium [with summary in English]. V.A.Govyrin. Biul.eksp.biol.i med. 49 no.1:67-69 Ja '60.

GLYCOLS

Some glycol esters of dialkylaminoacetic and propionic acids. A.L.Mndzhoian, O.L.Mndzhoian, O.E Gasparian. Izv.AN Arm.SSR.Khim.nauki 12 no.6;425-433 '59.

GLYOXIME

Complex compounds of trivalent cobalt with dimethylglyoxime, containing a sulfito group. A.V.Ablov, G.P.Syrtsova. Zhur.neorg.khim. 5 no.6;1221-1227 Je '60.

Conditions for the extraction of nickel with dimethylglyoxime in the presence of cobalt. M.V.Korotun. Ukr.khim.zhur. 26 no.3.377-380 '60.

Improvement of the synthesis of dimethylglyoxime. G.I. Mikhailov. Trudy IREA no.23;79-83 '59.

GLYOXYLIC ACID

Polarographic determination of glyoxylic acid [with summary in English] V D Bezuglyi and others Zhur anal khim 15 no 2 231-233 Mr-Ap '60.

Polarographic study of glyoxylic acid. V.D.Bezuglyi and others. Zhur.ob.khim. 30 no.7;2415-2421 Jl '60.

GMYRIA, BORIS ROMANOVICH, 1903-

Golubev, P.V. [Boris Romanovich Gmyria; notes of a pedagogue] Boris Romanovich Gmyria; zapiski pedagoga. Moskva, Gos.muzykal'noe izd-vo, 1959. 59 p. (Muzykanty-ispolniteli)

GNEISS see subdivision under Keyv Range

GOATS

Some problems of heredity in remote hybrids between sheep and goats [with summary in English]. K.Bratanov, V.Dikov. Zhur.ob.biol. 21 no.3·175-188 My-Je '60.

GOATS—PARASITES see Parasites—Goats

GOATS—PHYSIOLOGY

Influence of adrenaline on the motor function of the udder in goats. Kh.Diusembin. Trudy Inst.fiziol.AN Kazakh SSR 2 120-127 '59.

GOBI—DESCRIPTION

The Mongolian Gobi and its geographic characteristics. Sh.TSegmid. Sovr.Mong. no.2 26-28 Mr-Ap '58.

GOBI—GERBILS—DISEASES AND PESTS

Plague among Mongolian and southern gerbils in the Central Asian focus I.P Barkov, L P Bazunova, A Shiriaeva. Izv Irk gos nauch -issl protivochum inst. 20 117-119 '59

GOBI—RODENTIA

Notes on mammals of the Nan Shan and southern Gobi (China) [with summary in English]. A.G.Bannikov. Biul.MOIP.Otd.biol. 65 no.3,5-12 My-Je '60.

GOBI ALTAI—WARBLE FLIES

Subcutaneous warble flies in rodents of the Gobi Altai. V.V.Moskalenko Izv.Irk.gos.nauch.-issl.protivochum. inst. 15:327-328 '57.

GOBI ALTAI MOUNTAINS—MOUNDS

Ancient cemetary in the Gobi Altai Mountains. V.P. Solonenko, N A.Florensov. Priroda 49 no.7.107-109 Jl '60

GOBIES see subdivision under Shabakty River

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

One more page in the biography of Gogol' ("Gogol' and 'the freethinkers' affair'" by S.Mashinskii. Reviewed by L.Khinkulov). Znamia 30 no.8;220-222 Ag '60.

Zhdanov, V.V. [N.V.Gogol'; an account of his life and works] N.V.Gogol'; ocherk zhizni i tvorchestva. Moskva, Gos.izd-vo khudozh.lit-ry, 1959. 102 p.
(CtY)

GOITER

Role of the feldsher-midwife section in goiter prevention in endemic foci. V.M.Udod. Fel'd.i akush. 25 no.5·34-37 My '60.

GOLAYA PRISTAN' DISTRICT—LIBRARIES, RURAL

Children in rural libraries. H.Chaikina. Sots.kul't. 13 no.6;34-35 Je '60.

GOLD

(see also subdivision under United States)

"Behavior of gold in the zone of oxidation in gold sulfide deposits" by V.M.Kreiter and others. Reviewed by M.N. Al'bov. Geol.rud.mestorozh. no.1:120-121 Ja-F '60.

New determination of the solidification temperature of pure gold. A.N.Gordov, A.S.Arzhanov, U.V.Diikov. Dokl.AN SSSR 133 no.4;811-812 Ag '60.

GOLD—ISOTOPES

On the (n, 2n) and (γ, n) reactions on Au^{197}. M.A.Bak, K.A.Petrzhak, Chen' Tia-mei. Izv.AN SSSR Ser.fiz. 24 no.7:818-819 Jl '60.

GOLD—SPECTRA

Spectral analysis of gold purity. O.F.Degtiareva, M.F. Ostrovskaia. Zav.lab. 26 no.5·564-566 '60

GOLD ALLOYS—ELECTROMETALLURGY

Causes of the passivity of gold alloys during electrolysis. A.V.Andronova, Z.IA.Kamenetskaia TSvet.met. 33 no.7.59-61 Jl '60

GOLD ORES see subdivision under Yakutia

GOLD-TELLURIUM ALLOYS see Tellurium-gold alloys

GOLDEN HAMSTER see Hamsters

GOLEIZOVSKII, KAS'IAN

An evening devoted to the works of Kas'ian Goleizovskii. N.Ch. Teatr 21 no.8;174 Ag '60.

NAYA STEPPE—ARCHITECTURE, DOMESTIC
ng construction in the Golodnaya Steppe. V. Brykin. l.stroi. no.7:9-11 Jl '60.

NAYA STEPPE—PHYSICAL GEOGRAPHY
daya Steppe, physical geography" by IU. A. Skvor-r, L. N Babushkin Reviewed by N A. Kogai. Izv fhl Geog ob-va 4 125-126 '60

NAYA STEPPE (NORTHERN) see Bet-Pak-Dala

SEV, VICTOR MAKSIMOVICH
allirg. N. Stepanov. Kryl.rod. 11 no.7:19-20 Jl

L'—FOUNDARIES
e livery current. B Spiynchon Belarus' 17 no 5 5 '60

L'—LABOR AND LABORING CLASSES—DWELL-
IS
ng railroad workers' settlements. Z.N. Madorskii. l'i put khoz. 4 no 6 13 Ag '60.

L'—RAILROADS—EMPLOYEES
ng railroad workers' settlements. Z.N. Madorskii. l'i put khoz 4 no. 6 13 Ag '60.

L'—RAILROADS—STATIONS
eisors A Zakharenka Rab i sial 36 no 6 4-5 '60.

L'—TONSILS—SURGERY
ical treatment of chronic tonsillitis. B. F Vargin. rav Beler 1 no 3:36 Mr '58

L'—TUBERCULOSIS
k of the Gomel' branch of the All-Union Phthisiolo-ri' Society for 1957 L. Lukantsever, A. Kotel'nikov. rav Belor 1 no 3 76 Mr '58

HAROV, IVAN ALEKSANDROVICH, 1812-1891
Goncharov as a student at the Moscow University A. Demikhovskaia Uch zap. Ped inst Gerts 210 3-'59

HAROVA, MARIIA NIKOLAEVNA, 1900-
ia Nikolaevna Goncharova Vop. okh mat. i det 5 4 93 Jl Ag '60

,BIKSUMLA, S. 1916-
rposer Gunchiksumla, Sovr. Mong. no.2:20 Mr-Ap 5.

EFOOT
teratic position of Chenopodium anthelminticum L. D Sapko Bot. zhur. 45 no 6 905-910 Je '60.

, GENNADII SAMOILOVICH, 1907-
instantly! ("University Quay"; a novel by Gennadii r. Reviewed by I. Pitliar). Novyi mir 36 no.7: 9 263 Jl '60.

BACHEV, TIMOFEI FEDOROVICH, 1900-
fessor T. F. Gorbachev, corresponding Member of the cademy of Sciences of the U.S.S.R., at the occasion his 60th birthday. N. A. Chinakal, P. T. Prikhod'ko, N. Leont'ev. Ugol' 35 no. 6.50-60 Je '60.

fessor T. F. Gorbachov, corresponding member of e Soviet Academy of Sciences; on his 60th birthday. A. Chinakal, P. T. Prikhod'ko, V. N. Leont'ev. Izv. S. otd. AN SSSR no. 5:114-115 '60.

BUNOV, MIKHAIL
old downs" by M. Gorbunov. Reviewed by Ivan Vetlu-in. Sov. voin 42 no.7:32 Jl '60.

CHAKOV, ALEKSANDR KIRILLOVICH, 1900-
eksandr Kirillovich Gorchakov; on his 60th birthday. Vrach. delo no.7-141-142 Jl '60.

EV, NIKOLAI NIKOLAEVICH, 1900-
olai Nikolaevich Gorev; on his 60th birthday. M. I. Gurevich. Pat. fiziol. i eksp. terap. 4 no. 3:92-93 My-Je '60.

xtieth birthday of N. N. Gorev, member of the Academy of Medical Sciences of the U. S. S. R. R E. Kavetskyi, M I. Hurevych. Fiziol. zhur. [Ukr.] 6 no. 3:419-420 My-Je '60.

R'KII, MAKSIM, 1868-1936
. M. Gor'kii on movies. Isk. kino no. 5 125 My '60
. M. Gor'kii on the work of writer in regard to the proper usage of language in fiction. M. I. Fomina. Sbor. trud. MZPI no. 6:121-137 '58.
Buikevich, I. Z. [Gor'kii in Kursk] Gor'kii v Kurske. [Kursk] Kurskoe knizhnoe izd-vo, 1959. 39 p.
(MIRA)
love the sea. V. Kuus. Ogonek 38 no. 28 16 Jl '60.

RKIY—AUTOMOBILE INDUSTRY
The Nizhniy Novgorod party organization and the construction of the automobile plant, 1929-1932. F. G. Evgrafov. Vop. ist. KPSS 4 no. 4 81-94 '60.

GORKIY—CLOTHING INDUSTRY—TECHNOLOGICAL INNOVATIONS
Efficiency promoters in our department store. A. Ovsiannikov. Sov. torg. 33 no. 6:60 Je '60.

GORKIY—COMMUNIST PARTY OF THE SOVIET UNION
The Nizhniy Novgorod party organization and the construction of the automobile plant, 1929-1932. F. G. Evgrafov. Vop ist KPSS 1 no. 4 81-94 '60

GORKIY—CONVEYING MACHINERY—TECHNOLOGICAL INNOVATIONS
Mechanization and automation of inter and intrashop conveying at the Gorkiy Automobile Plant. D. V Kazmenko. Mashinostroitel' no 7:11-15 Jl '60.

GORKIY—ECONOMIC COUNCILS
In the Gorkiy Economic Council. Biul. tekh.-ekon. inform. no. 7 72 '60.

GORKIY—EDUCATION, COOPERATIVE
School and work P. Epishin, K. Rozova Nar obr no 7:79-85 Jl '60.

GORKIY—MUNICIPAL SERVICES
Create favorable conditions for the improvement of Gorkiy IU Vertsberg Zhil -kom khoz 10 no 6 7-8 '60

GORKIY—PLASTERING
Our competition for the title of the brigade of communist labor. I. V. Korotkov. Transp. stroi. 10 no. 7:6-7 Jl '60.

GORKIY—TELEGRAPH
Use of SORS adapter systems with STA terminal apparatus; experiment at the Gorky telegraph center. B. I. Popov. Vest. sviazi 20 no. 6:22-23 Je '60.

GORKIY—THEATER
"Sea gull." Ol'ga Vasil'eva. Teatr 21 no. 7:94-96 Jl '60.

GORKIY PROVINCE—FINANCE
Financial organs in the effort to increase accumulations of the local economy. M. Beilinson. Fin. SSSR 21 no. 7: 65-70 Jl '60.

Three years of work under the new conditions. A. Krasnolobov. Fin. SSSR 21 no. 7:58-61 Jl '60.

GORKIY PROVINCE—MAGNETIC RECORDERS AND RECORDING
Magnetic tape recorders and television sets manufactured in Gorkiy Province. Tekh. mol. 28 no. 6 16 '60.

GORKIY PROVINCE—PEAT—TRANSPORTATION
Electrical relay centralization of switches and signals. Kh. M. Malinkin, V. I. Rezikov. Torf. prom. 37 no. 4: 13-14 '60.

GORKIY PROVINCE—RETAIL TRADE
What was gained by the liquidation of the Divisions of Workers' Supply N Mordvinov Sov torg 33 no 7 32-33 Jl '60

GORKIY PROVINCE—TELEVISION—RECEIVERS AND RECEPTION
Magnetic tape recorders and television sets manufactured in Gorkiy Province. Tekh. mol. 28 no. 6-16 '60.

GORLOVO—COAL MINING MACHINERY
For steeply pitching seams. M. Gekhrid. Mast. ugl. 9 no. 6:16-19 '60.

GORNAYA SHORIYA—MANGANESE ORES
Evidence of manganese ores in Gornaya Shoriya. S. S. Il'enok, P. G. Usov. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 4:06-08 Ap '60.

GORNO-ALTAI AUTONOMOUS PROVINCE—MARMOTS
Geographical distribution and number of Altai marmot. G. S. Vlasenko. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:92-101 '57.

GORNO-ALTAI AUTONOMOUS PROVINCE—RODENTIA
Distribution of rodents on the southern frontier of the Altai. N. I. Fiistov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:102-109 '57.

GOROBETS, IURII
The heroes of IUrii Gorobets. L. Novoseltskaia. Teatr 21 no 6 134-135 Je '60

GORODESK—BELLS
Bells from ancient Gorodesk. P. I. Vyezzhaev. Krat. soob. Inst. arkheol AN URSR no. 9:104-107 '60.

GORODKI (GAME)
A little history. Zdorov'e 6 no. 6 24 Je '60.

Play gorodki A A Sokolov. Zdorov'e 6 no 6 24 Je '60

GORYN' VALLEY—BOTANY
General characteristics of floodland and meadow vegetation along the Goryn' River. G. A. Kim. Biul. Inst. biol. AN BSSR no. 3:53-58 '58.

Preliminary classification of meadow vegetation of the Goryn' River lowland. G. A. Kim. Biul. Inst. biol. AN BSSR no. 3 59-63 '58.

GOSTOMEL'—POTTERY, PRIMITIVE
Settlement of the late Bronze Age in the vicinity of Gostomel'. N. T. Evstropov. Krat. soob. Inst. arkheol AN URSR no. 9 73-76 '60.

GOVERNMENT OWNERSHIP see subdivision under Austria, Cuba, Germany, East; Great Britain

GOVERNMENT PRICE CONTROL see Price regulation

GOVERNMENT REGULATION OF COMMERCE see Commercial policy

GRABAR', IGOR' EMMANUILOVICH, 1871-1960
I. E. Grabar'; obituary. Vest. AN SSSR 30 no. 7.62-63 Jl '60.

GRADERS (EARTHMOVING MACHINERY)
Automatic adjustment of motor grader operations. B. I. Mikhailov, N. A. Ul'ianov. Stroi. i dor mashinostr. 5 no. 7:6-7 Jl '60.
Leveling irrigation fields with a semimounted grader K P Anisimov Trudy SIMSKH no 14 116-126 '59
Semimounted grader for exact leveling operations K P Anisimov Trudy SIMSKH no. 14 21-26 '59

GRADING AND MARKING (STUDENTS)
Questioning with criticism of the answers. D. I. Gordon. Obshcheobr. shkola vzrosl no. 1 90-91 Ja-F '60.
This form of control is justified. A. P. Dobrovodskii. Sred. spets. obr. 7 no. 6 20-22 Je '60.

GRAFTING
Formation of roots by scions in transplanted herbaceous plants and its significance for the graft components [with summary in English]. M N Moisieieva Ukr bot zhur 17 no. 3:19-28 '60
Kruzhilin, A. S. [Interaction of stock and scion in plant grafts] Vzaimovliianie privoia i podvoia rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.

GRAFTING—STUDY AND TEACHING
Grafting root crops I N. Sagaidak Biol v shkole no 4 85-86 Jl-Ag '60

GRAFTING OF SKIN see Skin grafting

GRAIN
(see also subdivision under Kazakhstan, Mongolia; Omsk Province; Ukraine)
Work on the topic "The most important grain cultures" V. V. Veits. Biol v shkole no 3 41-46 My-Je '60

GRAIN—ANALYSIS AND CHEMISTRY
Biochemical characteristics of grain possessing different flavors [with summary in English]. V. A. Kretovich, A. P. Prokhorova. Izv. AN SSSR. Ser. biol. no. 3:446-450 My-Je '60.
Biochemical study of some double interlinear corn hybrids raised in the Ararat Lowland [in Armenian with summary in Russian]. L. A. Gukasian. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:41-51 F '60.

GRAIN—VARIETIES
New crop varieties. A. M. Gabbasov. Vest. AN Kazakh. SSR 16 no 4:85-87 Ap '60

GRAIN HANDLING
Effect of the internal heat and mass exchange on the migration of mineral substances in wheat grain undergoing hydrothermal conditioning [with summary in English] E. D Kazakov, I. A Sakharova Inzh -fiz. zhur no. 6 94-98 Je '60.

GRAIN TRADE—TABLES AND READY-RECKONERS
Avdus', P. B., and F. N. Dykhne. [Tables for converting readings of measuring devices of the VP-4, VE-2, and VE-2m moisture meters into moisture percentage of grain crops with corrections made for temperature] Tablitsy perevoda pokazanii izmeritelei vlagomerov VP-4, VE-2 i VE-2m v protsenty vlazhnosti zernovykh kul'tur s uchetom temperaturnykh popravok. Moskva, Izd-vo tekhn. i ekon. lit-ry po voprosam mukomol'no-kruplianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz, 1959. 229 p.

GRAMICIDIN
Study of the biological properties of some derivatives of gramicidin S [with summary in English]. A. N. Polin. Antibiotiki 5 no. 1:29-33 Ja-F '60.

GRANITE see subdivision under Basaga region; Bet-Pak-Dala; Charkasar region; Malaya-Laba Mountain; Siberia, Eastern; Soviet Far East

GRANULAR MATERIALS
Evaluating the dimensions and form of grains of granular materials. G. K. Sinlavskii. Izv. AN Kazakh. SSR. Ser. energ. no. 2:47-60 '60.
Hydrodynamics of coarse-grained material in a vortex air flow [with summary in English]. M. A. Grishin. Inzh.-fiz. zhur. no. 6 82-86 Je '60.
Shaking table for the skin flotation of coarse-grained mineral particles. V. K Babak. TSvet met. 33 no. 7 12-15 Jl '60.
Use of a capacity pickup to measure the moisture content of loose materials V. I. Petygin, A P. Trubitsyn, V. G. Evdokimov. TSvet. met 33 no. 7:8-12 Jl '60.

GRAPE CULTURE see Viticulture

GRAPES see subdivision under White Russia

GRAPES—DISEASES AND PESTS
Effect of hexachlorobutadiene on the phylloxera of the grapevine. L. M. Kogan, IA. I. Prints. Dokl. AN SSSR 133 no.1:246-248 Jl '60.

GRAPES—FERTILIZERS AND MANURES see subdivision under Georgia

GRAPEVINES see subdivision under Tashkent

GRAPHIC ARTS—EXHIBITIONS
Good luck! I. Fridman. Nauka i zhizn' 27 no.7:59 Jl '60.

GRAPHIC METHODS
Instrument for graphical differentiation with the aid of a circle for speeding up the processing of kinetic curves [with summary in English]. M. S. Sytilin. Zhur. fiz. khim. 34 no.6:1377-1379 Je '60.

GRAPHITE
Experience in using graphite lubrication. A. A. Tiurikov. Put' i put. khoz. 4 no.6:9-11 Je '60.

GRAPHITE—MAGNETIC PROPERTIES
Vectoriality of the properties of graphitized industrial products, as determined by the electromagnetic field of a graphitization furnace. V. V. [illegible], V. N. Krylov. Zhur. prikl. khim. 33 no.7:1510-1530 Jl '60.

GRAPTOLITES
Role of graptolites in the detailed stratigraphy of Ordovician and Silurian sediments of the Soviet Arctic. V. V. Pavlinov. Izv. vys. ucheb. zav.; geol. i razv. 3 no.6:18-27 Je '60.

GRANITOV, IPPOLIT IVANOVICH, 1900-
Ippolit Ivanovich Granitov; on his 60th birthday. I. [illegible]kova, A. Pustaeva. Uzb. biol. zhur. no.3:73 '60.

GRASSES
(see also subdivision under Murmansk Province)
Comparative study of aleurone tissues in the caryopsis of cultivated and wild gramineous plants [with summary in English]. I. I. Vigorov. Biul. MOIP. Otd. biol. 65 no.3:101-108 Je '60.
Mechanical properties of root systems of cereal plants on peat soil as related to lodging of plants. V. M. Terent'ev, A. N. Loiko. Biul. Inst. biol. AN BSSR no.3:151-156 '60.
Principal stages in the development and vital activities of stomata in grasses [with summary in English]. L. N. Savvateeva. Bot. zhur. 45 no.6:827-833 Je '60.
Variation in the structural elements of mechanical tissue in the stems of grasses induced by molybdenum. N. M. Mushtakov, A. Z. Denisova. Biul. Inst. biol. AN BSSR no.3:143-145 '58.

GRASSES—DISEASES AND PESTS
Dynamic regularities of the nematode fauna of forage grasses and factors influencing them. I. A. Baranovskaia. Trudy GelMo.lab. 10:32-45 '60.
Powdery mildew of gramineous plants in Leningrad Province. N. P. Kartashkina. Bot. zhur. 45 no.6:916-921 Je '60.

GRAVES see also subdivision "Tombs" under Khorezm Province

GRAVITATION
Existence of oscillatory motions in the three-body problem. K. Sitnikov. Dokl. AN SSSR 133 no.2:303-306 Jl '60.
Generalization of some criteria for verifying the interpretation of gravitational anomalies [with summary in English]. D. H. Hotskin. Dop. AN URSR no.5:630-634 '60.
Linear theories of gravitation. V. I. Pustovoit. Izv. vys. ucheb. zav.; fiz. no.3:63-71 '60.
Relativistic kinetic equation and equilibrium state of a gas in a statistical, spherically symmetrical gravitational field. N. A. Chernikov. Dokl. AN SSSR 133 no.2:333-336 Jl '60.

GRAVITATION—MEASUREMENT
Possibility of devising laboratory experiments for the measurement of the propagation velocity of gravitational interaction. V. B. Braginskii, D. D. Ivanenko, G. I. Rukman. Zhur. eksp. i teor. fiz. 38 no.3:1005-1007 Mr '60.

GREAT BRITAIN—AIRPLANE CARRIERS
Electric equipment on the British aircraft carrier, "Hermes." Sudostroenie 26 no.6:67-68 Je '60.

GREAT BRITAIN—AMAZON (FREIGHTER)
Diesel-propelled cargo and passenger ship, "Amazon" [from "The Motor Ship," nos. 474, 475, 1960]. Sudostroenie no.7:71 Jl '60.

GREAT BRITAIN—APARTMENT HOUSES
Housing construction in England. V. Kutozov. Arkhit. SSSR no.6:47-52 '60.

GREAT BRITAIN—AUTOMOBILES
The new Austin-7 British car with small displacement. V. K. Nikitin. Avt. prom. no.7:42-45 Jl '60.

GREAT BRITAIN—BUILT-IN FURNITURE
Sectional built-in wardrobes (from "Timber and plywood," no.3011, 1959). Der. prom. 9 no.5:31 My '60.

GREAT BRITAIN—COAL PREPARATION
Petrographic coal cleaning (from "Colliery Guardian," no.5101, 1958). Koks i khim. no.6:60-61 '60.

GREAT BRITAIN—COMMERCE—RUSSIA
Maiskii, I. M. [Memoirs of the Soviet Ambassador to England] Vospominaniia sovetskogo posla v Anglii. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 142 p.

GREAT BRITAIN—COMMUNISM
Leninism and the British labor movement. R. Palme Dutt. Nov. i noveish. ist. no.3:36-49 '60.

GREAT BRITAIN—COMMUNIST PARTY
The formation of the Communist Party of Great Britain. James Klugmann. Vop. ist. KPSS 4 no.4:113-132 '60.

GREAT BRITAIN—DEFENSES
The conservatives instruct Gaitskell. Nov. vrem. 18 no.29:21 Jl '60.

GREAT BRITAIN—DESCRIPTION AND TRAVEL
From my English impressions. Mykola Sheremet. Ukraina no.11:26-30 Jl '60.

GREAT BRITAIN—ECONOMIC CONDITIONS
Lectures of an English scholar. Vest. Mosk. un. Ser. ekon., filos., prava 15 no.3:101-103 '60.

GREAT BRITAIN—ELECTIONS
V. I. Lenin's conversation with a member of the British delegation at the Fourth Congress of the Comintern. A. N. Bitkova. Nov. i noveish. ist. no.3:114-116 '60.

GREAT BRITAIN—ELECTRIC LOCOMOTIVES
British a.c. locomotive. G. Z. Dzhibladze (from "Bulletin de l'Association Internationale du Congrès des Chemins de fer," Aug. 1959). Elek. i tepl. tiaga 4 no.3:47 Mr '60.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—INDIA
From the history of British penetration into India. A. IA. Levin. Uch. zap. GGU no.51:5-23 '59.

GREAT BRITAIN—FOREIGN RELATIONS
The facts are convincing. Gordon Schaffer. Inostr. lit. no.7:235-237 Jl '60.

GREAT BRITAIN—FOREIGN RELATIONS—NEAR EAST
The confessions of Anthony Eden (Published in English as "Memoirs." Reviewed by G. Bondarevskii). Sovr. Vost. no.7:59-60 Jl '60.

GREAT BRITAIN—FOREIGN RELATIONS—RUSSIA
"A history of Anglo-Soviet relations," Vols. 1 and 2 [in English] by W. P. Coates, Z. K. Coates. Reviewed by IU. I. Igritskii. Ist. SSSR 4 no.3:191-196 My-Je '60.
An uncompleted stage; a history of Anglo-Russian negotiations during 1914. A. V. Ignat'ev. Ist. SSSR 4 no.3:107-116 My-Je '60.

GREAT BRITAIN—FOREIGN RELATIONS—UNITED STATES
Great Britain and the United States of America from the pages of Anthony Eden's memoirs. I. Maiskii. Mir. ekon. i mezhdunar. otn. no.7:144-154 Jl '60.

GREAT BRITAIN—GEOGRAPHY—STUDY AND TEACHING
Preparation of students for practical life during the study of geography in English schools. L. M. Pancheshnikova. Dokl. APN no.1:39-42 '60.

GREAT BRITAIN—GOVERNMENT OWNERSHIP
Under a tattered banner. Nov. vrem. 18 no.30:24 Jl '60.

GREAT BRITAIN—GROUND-EFFECT MACHINES
Air-cushion vehicles [from foreign publications]. Sudostroenie no.7:66-67 Jl '60.

GREAT BRITAIN—LABOR PARTY
The conservatives instruct Gaitskell. Nov. vrem. 18 no.29:23 Jl '60.
Crisis of right-wing labor policy. K. Beliaev. Mezhdunar. zhizn' 7 no.8:123-125 Ag '60.

GREAT BRITAIN—MINE TIMBERING
Mechanical movable long wall supports in British mines. G. I. Chernyi, A. K. Fremenko. Ugol' Ukr. 4 no.6:43 Je '60.

GREAT BRITAIN—MOTION-PICTURE PLAYS
Without end ... N. Smirnova. Isk. kino no.5:107-109 My '60.

GREAT BRITAIN—NUCLEAR REACTORS
Record of the operation of the OMRE reactor. A. Sirotkin. Atom. energ. 9 no.1:67-70 Jl '60.

GREAT BRITAIN—PIPE FITTINGS
Polyethylene fittings. [illegible] Mont. i spets. rab. v stroi. [illegible] no.6:[illegible] Je '60.

GREAT BRITAIN—PLASTICS
At the British exhibition "Plastics in Industry." [illegible] Vnesh. torg. 30 no.7:48 '60.

GREAT BRITAIN—POWER ENGINEERING
Power engineering in Great Britain in 1959 (from "Electrical Review," nos. 4 and 5, 1960). D. D. Vol'berg. Energokhoz. za rub. no.4:11 My-Je '60.

GREAT BRITAIN—PRECAST CONCRETE
Plants manufacturing precast reinforced concrete products in England. A. V. [illegible] Biul. stroi. tekh. [illegible] no.7: 377-380 Jl '60.

GREAT BRITAIN—PRESS
The British press of today. [illegible] Mezhdunar. zhizn' 7 no.8: 94-102 Ag '60.

GREAT BRITAIN—PUBLIC OPINION
England for Englishmen. Konni Zilliacus. Ogonek 38 no.30:6 Jl '60.

GREAT BRITAIN—RAILROADS—EQUIPMENT AND SUPPLIES
Elevator for railroad cars (from "Mechanical Handling," no.1, 1960). Zhel. dor. transp. 42 no.7:91 Jl '60.

GREAT BRITAIN—RELATIONS (GENERAL) WITH THE UKRAINE
Cambridge and [illegible] Ukraina no.[illegible] Je '60.

GREAT BRITAIN—SEWAGE—PURIFICATION
Orlovskii, Z. A. [Sewage treatment plants in England and France] Ochistnye sooruzheniia Anglii i Frantsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 102 p.

GREAT BRITAIN—SHIPBUILDING
Cargo vessel "City of Melbourne" [from "The Shipbuilder and Marine Engine Builder," no.[illegible], 1959] Sudostroenie no.7:[illegible] Jl '60.
New refrigerator ships [from "The Shipbuilder and Marine Engine Builder," no.625, 1959] Sudostroenie no.7:[illegible] Jl '60.
Ocean liners "Oriana" and "Canberra" [from British journals]. Sudostroenie no.7:[illegible] Jl '60.
Turbine-propelled tanker "Alnoc" [from "The Shipbuilding and Shipping Record," no.10, 1959] Sudostroenie no.7: 74 Jl '60.

GREAT BRITAIN—SOCIAL CONDITIONS
Trevelyan, G. M. [English social history; a survey of six centuries, from Chaucer to Queen Victoria. Translated from the English. Preface by [illegible]] Sotsial'naia istoriia Anglii; obzor shesti vekov ot Chosera do korolevy Viktorii. Moskva, Izd-vo inostr. lit-ry, 1959. 589 p.

GREAT BRITAIN—SOCIOLOGY
Traktenberg, O. V. [Outline history of 19th century British philosophy and sociology] Ocherki po istorii filosofii i sotsiologii Anglii XIX v. [Moskva] Izd-vo Mosk. univ., 1959. 114 p. (MIRA)

GREAT BRITAIN—STEAM POWER PLANTS
Contemporary trends in the design of [illegible] of large power stations [illegible] ("[illegible] Journal," no.1, 1959). [illegible] 21-28 My-Je '60.

GREAT BRITAIN—STEEL INDUSTRY
Under a tattered banner. Nov. vrem. 18 no.[illegible] Jl '60.

GREAT BRITAIN—TANK VESSELS
British tanker, "British Queen" [from [illegible] no.1403, 1959]. Sudostroenie [illegible] Jl '60.

GREAT BRITAIN—TEXTILE MACHINERY
Super high speed false twist machine [illegible] ("Skinner's Silk and Rayon Record," no.[illegible], 1959). [illegible] no.7:72 '60.

GREAT BRITAIN—TRAWLS AND TRAWLING
Trawler with trawling from the stern [from "The Motor Ship," no.474, 1960]. Sudostroenie [illegible] Jl '60.

GREAT BRITAIN—TRUSTS, INDUSTRIAL
The weapon manufacturing concern "Vickers-Armstrong." E. Khmelin. Mir. ekon. i mezhdunar. otn. no.7:[illegible] Jl '60.

GREECE—COMMERCE
Importation into the middle Dnieper valley from [illegible] through the 5th century B.C. N. A. [illegible] Sov. arkheol. 4 no.2:25-41 '60.

GREECE—DESCRIPTION AND TRAVEL
"...How much our small planet is one whole... India, Japan, Greece," by Il'ia Ehrenburg. (Reviewed by G. Belaia). Novyi mir 36 no.7:251-257 Jl '60.

E—POLITICS AND GOVERNMENT

ially the same story. V.Shakhov. Sov.deput.trud. :107-110 Jl '60.

, GRAHAM, 1904-

am Green in the editorial office of "Inostrannaia erature." T.Lanina. Inostr.lit. no.7:245-246 Jl

HOUSES—LIGHTING

t for installing fluorescent lamps into green- se lighting systems IU N Novikov Svetotekhnika o 6 22 Je '60

R'EV, IGOR'

tors of the motherland", verse by Igor' Grigor'ev. iewed by V.Stepanov. Zvezda no.6:220 Je '60.

ng from the heart ("Distant native lands"; verse gor' Grigor'ev. Reviewed by P.Sozontov) Neva 5:208-209 '60.

ALEKSANDR STEPANOVICH, 1880-1932

unpublished and forgotten manuscripts; the 80th iversary of the writer Aleksandr Grin's birth. Kulevskii. Sov.Ukr. 10 no.8.96-97 Ag '60.

NG AND POLISHING

k formation and forces in the face grinding of hard ys. R G.Makhkamov. Izv.AN Uz.SSR.Ser.tekh . no.3:50-57 '60

t of certain physicomechanical properties of crystals he processes of their grinding [with summary in lish]. I.I.Grigor'eva. Inzh.-fiz.zhur. no.2:36-40 60.

tigating stresses, power, and the temperature re- ng from abrasive belt grinding. V.N.Verezub. t.mash. 10 no.7,55-57 Jl '60.

tigating the precision of machining bearing rings on matic production lines. E.A.Likhacheva, V.I. geev. Trudy Inst.mash.Sem.po toch.v mash.i 5. no 11-76-85 '60.

tigating the surface temperature during grinding. M.Dubinskii. Izv.vys.ucheb.zav.; mashinostr. 6:149-154 '60.

le grinding is an important potential for increasing r productivity. P.A.Kamyshov. Mashinostroitel' 7,34-36 Jl '60.

l adaptation. M.Z.Kornaev, R.I.Poga. Elek.i .tiaga 4 no.5:29 My '60.

DING MACHINES

MV-16 worm-grinding machine. M.S.Barkagan. .tekh.-ekon.inform. no.7:25-27 '60

esaver" grinder (from "Revue du bois et de ses ap- ations," no.3, 1959). Der.prom. 9 no.7:29 Jl

2R-130 special-purpose lapping machine. Stan.i tr. 31 no.7,36 Jl '60.

DING MACHINES—NUMERICAL CONTROL

g a copying device for the machine tool used for ding cams of distributing shafts. V P IAnakov, .loann. Obm.tekh.opyt.na avt.transp. no.4:48-51 .

DING WHEELS

cing a grinding wheel with balls during the run-out sp sites. IU.S.Reibakh, A.I.Rivkin. Stan.i instr. no.7 13-16 Jl '60.

nd grinding wheels made with an organic binder and r use. E.A.Stor chak. Stan.i instr. 31 no.7:21-24 '60.

DING WHEELS—MAINTENANCE AND REPAIR

ce for straightening grinding wheels. O.S. Baev. shinostroitel' no 7:27 Jl '60.

DING WHEELS—STANDARDS

ances for hole dimensions and the eccentricity of nding wheels. V.N.Kharitonov, S.S.Litvin. Stan- rtizatsiia 24 no.6:23-25 Je '60.

CERY TRADE see subdivision under Leningrad; ronezh

DNO—INDUSTRIES

developments in Grodno M.Savich Belarus' 17 7 14 Jl '60.

DNO—WATER—CHLORINATION

ble chlorination of the water of the Grodno water pply system V A Aleksandrovich Zdrav Belor no 3 45-47 Mr '59.

BEAKS see subdivision under Bargusin Preserve

UND-EFFECT MACHINES

ee also subdivision under Great Britain)

ound-effect automobiles S Korzinkin Avt transp. no.7 58-63 Jl '60

UNDSEL

al notes on the genus Cacalia L. s.l. A.I Poiarkova. ot mat Gerb. 20:370-391 '60.

GROUPS, THEORY OF

Analytic semigroups and incorrect problems for evolutionary equations. S.G.Krein, O.I.Prozorovskaia. Dokl. AN SSSR 133 no.2:277-280 Jl '60.

Imbedding of semigroups into groups. S.I.Adian. Dokl. AN SSSR 133 no.2,255-257 Jl '60

Linear p-groups. D.A.Suprunenko Dokl.AN BSSR 4 no 6:233-235 Je '60.

Modular representations of finite supersolvable groups [with summary in English]. S D.Berman. Dop.AN URSR no.5 586-589 '60.

Periodic locally solvable groups with complete splitting. A.I.Starostin. Izv.vys.ucheb.zav , mat no.2:168-177 '60

Plancherel's measure for the factor-space SL(n; R)/SO (n, R) T.S.Bhanu Murti. Dokl.AN SSSR 133 no.3 503-506 Jl '60.

Structural isomorphisms of solvable groups. A.S.Pekelis. Dokl.AN SSSR 133 no.2:281-283 Jl '60

Subsemigroups of free semigroups. L.N.Shevrin. Dokl. AN SSSR 133 no.3:537-539 Jl '60.

GROWTH

Val'ker, F.L. [Morphological peculiarities of the growing organism] Morfologicheskie osobennosti razvivaiushchegosia organizma. [Leningrad] Medgiz, 1959. 205 p.
(DNLM)

GROWTH (PLANTS)

Formation of summer shoots in arboraceous plants and its classification [with summary in English]. I.A. Grudzinskaia. Bot.zhur. 45 no.7:968-978 Jl '60.

Growth and age changes in roottips of the spruce Picea excelsa Link A IA Orlov Bot zhur 45 no 6 888-896 Je '60

Growth of pines in the Crimean Mountains as an indicator of environmental conditions [with summary in English] I.L.Krylova. Biul.MOIP.Otd.biol 65 no.1 91-100 Ja-F '60.

Method of making marks in determining the growth rate of plants M G.Nalbandian Biol v shkole no 4 88 Jl-Ag '60

Method of observing the growth of the corn plant (Zea mays L.). IU K Kudzin, A S Damaskina, N A.Cherniavskaia. Bot.zhur 45 no 6 867-870 Je '60

Phasic heterogeneity of tissues in the sunflower (Helianthus annuus L.). N.I.Volodarskii, A.I. Gazenko. Bot.zhur. 45 no.4:742-745 My '60.

Principal stages in the development and vital activities of shoots in grasses [with summary in English] T.N Savorova Bot zhur 45 no 6 812-822 Je '60

Seasonal rhythm of development of arboreal plants in the environs of Khabarovsk. G.P.Belostokov. Biul.Glav. bot sada no 36:81-86 '60.

GROWTH PROMOTING SUBSTANCES

New stimulants of plant growth. N.A.Bazilevskaia, and others. Vest.Mosk.un.Ser.6.Biol.,pochv 15 no.4:33-46 My-Je '60.

GROZNYY—TEACHERS COLLEGES

Future teachers K.A Popova Doshk vosp 33 no.5: 63 My '60

GROZNYY—THEATER

No cliches, but... Ol'ga Pyzhova. Teatr 21 no.7:123-127 Jl '60.

GRUENWALD, BATTLE OF 1410

Karaev, G.N. [Battle of Grünwald] Griunval'dskaia bitva 1410 goda. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 50 p.

GRUMM-GRZHIMAILO, GRIGORII EFIMOVICH, 1860-1936

Grumm-Grzhimailo's letters V.Vinogradov, A.Solov'ev Ogonek 30 no 28 16 Jl '60

GUANIDINE

Distribution of hydrogen atoms in the structure of guanidine hexahydrate. K.S.Aleksandrov, A.G.Lundin, G.M. Mikhailov. Kristallografiia 5 no.1:84-88 Ja-F '60.

GUATEMALA—FOREIGN RELATIONS—CUBA

Living on a volcano. Nov.vrem. 18 no.31:23 Jl '60.

GUATEMALA—POLITICS AND GOVERNMENT

Living on a volcano. Nov.vrem. 18 no.31:23 Jl '60.

GUBAIDULLINA, S.

Listening to the radio. T.T. Sov.muz. 24 no.6:158-159 Je '60.

GUBS VALLEY—BRACHIOPODA, FOSSIL

A new subfamily of lower Cretaceous dallinids. T.N. Smirnova. Paleont.zhur. no.2,114-120 '60.

GUERILLA WARFARE

Dikyk, P.G. [Behind the enemy lines] V tylu vraga. Kishinev, Gos.izd-vo "Kartia Moldoveniaske," 1960. 200 p.

GUIANA, BRITISH see British Guiana

GUIDED MISSILES

[Antiaircraft fire: Effectiveness of antiaircraft fire. Translated from the French. Computing the trajectories of guided missiles. Translated from the German. Preface by I.Toropov] Voprosy zenitnoi strel'by Effektivnost' zenitnoi srel'by by M.P.Idatte, K raschetu traektorii reaktivnykh snariadov, upravliaemykh po luchu by Ernst Roth. Moskva, Izd-vo inostr.lit-ry, 1959. 203 p.

Designing guided missiles ("Aerodynamics. Theory of jet engines. Construction and planning." by E.A Bonney, M.J Zucrow, C.W.Besserer. Reviewed by I I Anureev). Vest.Vozd.Fl. no.5 87-88 My '60.

GUIDED MISSILES—GUIDANCE SYSTEMS

Radar-guided proximity-detonated missiles. P Medvedev Voen znan. 36 no.7:37-38 Jl '60

GUINEA—EDUCATION

The Guinean experiment. IU Bochkarev Nov vrem 18 no 29 27-30 Jl '60

GUINEA—POLITICS AND GOVERNMENT

How was the orange rubbish cleaned out? V.Miroshin. Smena 37 no.15:27 Ag '60.

GUINEA—SOCIAL CONDITIONS

The Guinean experiment IU Bochkarev Nov vrem 18 no 29 27-30 Jl '60

GUINEA FOWL

Guinea fowl. L.N Veitsman. Nauka i zhizn' 27 no 7 63-64 Jl '60.

GUINEA FOWL—DISEASES AND PESTS

Helminth parasites of the Numididae (Galliformes) [in Azerbaijani with summary in Russian]. G B Kasimov Dokl AN Azerb.SSR 16 no.3,303-305 '60

GUINEA PIGS

Investigation of the vegetative ganglia of guinea pigs in plague E I.Klets, R S.Kolesnik Izv.Irk gos nauch - issl protivochum.inst 14 82-86 '57

GULONIC ACID

Development of the process of enolization of diacetone-2-keto-ℓ-gulonic acid with a reduced quantity of chloroform and dichlorethane. A.D.Lebedev, I.A.Korobko, N.D.Trusova. Trudy VNIVI 6 54-55 '59.

GUMS—DISEASES

Danilevskii, N.F. [Interdental papilla; its inflammation, treatment, and prophylaxis] Mizhzubnyi sosochok, ioho zapalennia, likuvannia i profilaktyka. Kyiv. Derzhmedvydav URSR, 1958. 103 p.
(DNLM)

Gingivitis. Z.Sharaievs'ka. Nauka i zhyttia 10 no.6:36 Je '60.

Ultraviolet irradiation in the over-all treatment of paradentosis S.I.Kryshtab, Z.M.Epel'beim. Vrach. delo no.7:126-127 Jl '60.

GUMS AND RESINS

(see also subdivision under United States)

Formation of ordered structures in the precipitation of suspended particles. I.F.Efremov, A.V.Khasin. Trudy LTI no.58:17-22 '59.

Measures to be taken for improving the economy and increasing the production of wood resin. B.N.IAsinskii. Gidroliz.i lesokhim.prom. 13 no.3:31-32 '60.

Recovery of resinous matters from tar-impregnated wood by the spray extraction method. S.I.Barbot. Gidroliz.i lesokhim.prom. 13 no.3:9-11 '60.

Vapor densities of some intermediate products of the wood resin and turpentine industry. N.A.Gurich, V.I.Filatov, A.N.Komarova. Gidroliz.i lesokhim.prom 13 no.5:15-17 '60.

GUNITE

Two-layer ceramic facing products made by the method of guniting E.A.Kibardin, S.IA.Batienko. Stroi mat. 6 no 5:21-23 My '60

GUNPOWDER

Apparatus for determining the temperature by the height of the tongue of gunpowder flame [with summary in English]. P.F Pokhil, V.M.Mal'tsev, L.N.Gal'perin Zhur.fiz.khim. 34 no.5:1131-1132 My '60.

"Invention of gunpowder and its spread to the West" [in Chinese] by Fêng Chia-shêng. Reviewed by S.A. Shkoliar. Vop.ist.est.i tekh. no.9,176-179 '60.

On the mechanism of gunpowder combustion. G.B.Manelis, A.G.Merzhanov, F.I.Dubovitskii. Dokl.AN SSSR 133 no.2:399-400 Jl '60.

GUNSMITHING see subdivision under Tula

GURIA—MOSSES, FOSSIL

Mosses from the Chauda beds of southwestern Caucasus. A.L.Abramov, I.I.Abramov. Bot.mat.Otd.spor rast. 13:305-312 '60.

GUR'YEV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Whom did the city committee recommend? T.Baturin. Part.zhizn' Kazakh. 30 no.7:58-60 Jl '60.

GUR'YEV PROVINCE—REPAIR AND SUPPLY STATIONS—FINANCE

Improve the organization of machinery repair. M. Agdauletov. Nar.khoz.Kazakh. 18 no.5·78-79 My '60.

GUR'YEV PROVINCE—RUSSIAN NEWSPAPERS

When people are not interested in ideological problems Part zhizn' Kazakh. 30 no.5 62-66 My '60.

GUR'YEV PROVINCE—STOCK AND STOCKBREEDING

Mass political work among stockbreeders. A. Ismagulov. Part.zhizn' Kazakh. 30 no.5 11-14 My '60

GUSEV—GLASS FURNACES

Controlling temperature in glass-melting furnaces. V.M. Obukhov. Stek.i ker. 17 no.7:41-42 Jl '60.

GUSEV DISTRICT (KALININGRAD PROVINCE)—PUBLIC HEALTH, RURAL

Work of the Krasnopolye feldsher-midwife center. N.A. Dudareva, E.I.IUganova. Fel'd.i akush. 25 no.5 48-51 My '60.

GUTTERS

Rated loads on the interior gutter system can be increased. L.P.Golubnichii. Prom.stroi. 38 no.7. 50-54 '60

GYMNASIUMS

(see also subdivision under Ukraine)

Ultraviolet lighting system for a gymnasium. A.P. Laptev. Svetotekhnika 6 no.7·13-15 Jl '60.

GYMNASTICS

Bogadin, M.E. [Training of women gymnasts] Trenirovka gimnastok; posobie dlia trenerov i gimnastok starshikh razriadov. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 158 p.

Suitability of some gymnastic exercises for students in grades 6-10. A. Z. Kostin. Dokl. APN no.4:117-120 '59.

Ukran, M. L., and A. A. Shkolenok. [Exercises on the horizontal bar] Uprazhneniia na perekladine. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 167 p.

The way to the Olympic team. V. Muratov Ogonek 38 no.33 28-29 Ag '60.

GYPSUM

(see also subdivision under Soviet Central Asia)

Conference on using gypsum in construction. Stroi.mat. 6 no.7·38-39 Jl '60.

Investigation of the methods employed in the treatment of dolomites. Report No.3. Reaction of dolomite with gypsum carbonic acid. M.V.Darbinian, S.G Shekoian, R.U.Pogosian. Izv.AN Arm SSR Khim.nauki 13 no.1 17-24 '60.

Phosphoric acid agents for making gas-entrained gypsum. E.I.Ved', L.E.Tereshchenko. Stroi.mat. 6 no.7·16-17 Jl '60.

Two-stage method for making gypsum mortars. N.V Topchieva. Stroi.mat. 6 no 5·35-36 My '60

GYROCOMPASS

Effect of dry friction in the axle bearings of gyroscope housings of a gyrocompass on the nature of its motion and the precision of automatic determination [with summary in English]. V. M. Kalynovych. Dop.AN URSR no.6:735-739 '60.

GYROSCOPE

Equations in the precession theory of gyroscopes. L.I. Kuznetsov. Uch.zap.LGU no.280·25-30 '60.

HAFNIUM

Chromatographic separation of hafnium from zirconium and determination of hafnium by the isotope dilution method [with summary in English]. G.M.Kolosova, Chen IUan'-pan', M.M.Seniavin. Zhur.anal.khim. 15 no.3:364-366 My-Je '60.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Izd.2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.

No.45. Stepanov, I.S. [Zirconium and hafnium] TSirkonii i gafnii. Nauchn. red. G.I. Petrov. 1959. 34 p.

HAFNIUM—ISOTOPES

Lifetime of the 321 Kev level in Hf^{177}. G.A.Vartapetian. Zhur.eksp.i teor.fiz. 38 no.6 1916-1917 Je '60.

HAFNIUM—SPECTRA

Determination of hafnium in zirconium by a spectral method. F.F.Gavrilov, M.I.Fedorovskaia, N.K. IAkhimovich. Zav.lab. 26 no.5·563-564 '60.

Rapid method of determining hafnium in zirconium. V.A.Korneev. Zav.lab. 26 no.5 561-562 '60.

HAFNIUM CARBIDE

Concerning the synthesis of hafnium carbide G.A.Meerson, O.E.Krein Zhur neorg khim. 5 no.5 1164-1167 My '60.

HAFNIUM COMPOUNDS

Complex formation between zirconium and hafnium, and certain hydroxy acids D I Riabchikov and others Zhur neorg khim 5 no 5 1051-1067 My '60

HAFNIUM NITRATE

Solvate forms of zirconium and hafnium nitrates with tributyl phosphate G F Egorov and others Zhur neorg khim 5 no 5 1044-1050 My '60

HALATES

Polarographic reduction of halogenates and their oxidation potentials [with summary in English] Z B Rozhdestvenskaia, O A Songina Zhur anal khim 15 no 2 138-146 Mr-Ap '60

HALIDES

New method for the simultaneous determination of silicon and halides in silicon organic compounds M N Chumachenko and others Dokl AN SSSR 133 no 1 138-140 Jl '60

Synthesis of aryl halides from aromatic hydroxy compounds. O.M. Nefedov, IA.L. Levkov, A.D. Petrov Dokl AN SSSR 133 no 4:855-858 Ag '60.

HALIDES—SPECTRA

Excitation of recombination luminescence in the fundamental absorption bands of some halides. I.V.IAek Opt i spektr 8 no 1 142-144 Ja '60

Sensitized phosphorescence of halide crystallophosphors. V.IA.Kark, Ch.B.Lushchik, I.V.IAek. Opt.i spektr. 8 no.1·144-146 Ja '60

HALL EFFECT

Hall effect and its application in measuring technology. A.M.Iliukovich. Izm.tekh no.7.52-55 Jl '60.

Using the Hall effect in measuring direct and alternating currents. M E Mazurov, I.N. Prudnikov. Izm.tekh. no.7 45-46 Jl '60.

HALOGEN COMPOUNDS

Reaction of halogen organic compounds with butadiene-nitrile copolymers. P.A. Vinogradov, N.G. Arsen'eva, K.E. Gavshinova. Kauch.i rez. 19 no.7:3-6 Jl '60.

HALOGENONIUM COMPOUNDS

Nitration of triphenyloxonium and diphenylhalogenonium cations. A.N. Nesmeianov and others. Dokl. AN SSSR 133 no.3 602-605 Jl '60.

HALOGENS

Reaction between halogens, nitric oxide, and polyfluorinated ethylenes in the ultraviolet Synthesis and thermal decomposition of polyfluorinated aliphatic nitroso compounds. V.A.Ginsburg and others Zhur.ob.khim. 30 no 7·2409-2415 Jl '60.

HALOPHYTES see subdivision under Ukraine

HAMMERS

Calibrating hammers for testing the strength of concrete products K Kashkarov Stroi i arkhit Mosk 9 no 5 20-22 My '60

Selecting basic parameters for rod-type diesel hammers. G.IA.Klebanov. Stroi.i dor.mashinostr. 5 no.7·20-24 Jl '60

HAMSTERS

Evolution rate of hamsters (Cricetinae) and some factors determining it. N.N.Vorontsov. Dokl.AN SSSR 133 no.4,980-983 Ag '60.

New data on the biology of Cricetulus triton nestor Thos. V.V.Shkilev. Izv.Irk.gos.nauch.-issl.protivochum. inst. 16,114-124 '57.

HAN, SŎR-YA, 1900

Han Sŏr-ya. Ekaterina TSoi. Inostr.lit. no.8:268-269 Ag '60.

HAND—DISEASES

Clinical aspects, treatment, and prevention of occupational disease involving milkmaids' hands. G.N.Mazunina. Fel'd.i akush. 25 no.5 17-23 My '60.

HANDICAPPED—EMPLOYMENT

Incomprehensible indifference. M.Korol'kov. Prom.koop. 14 no.6:34 Je '60.

HANDICAPPED—REHABILITATION, ETC.

Principles of work organization and work recommendations for persons disabled by chronic nonspecific pneumonia and bronchiectasis. F.N.Spivak, A.I.Uliitina. Trudy LIETIN 2·46-54 '59.

Water balance in patients with chronic nonspecific pneumonia and bronchiectasis and its significance in solving problems of work organization for these patients. I.I. Likhnitskaia. Trudy LIETIN 2:131-135 '59.

HANDICAPPED CHILDREN

Vtoraia nauchnaia sessiia po defektologii, Moscow, 1958. [Transactions of the Second Session on Defectology, Moscow, 1958] Trudy. Pod red. A.I.D'iachkova i V.I. Lubovskogo. Moskva, Izd-vo Akad.pedagog. nauk RSFSR, 1959. 211 p.

HANOI—DESCRIPTION

A day in Hanoi. S.Arutiunov, A.Mukhlinov. Vokrug sveta. no.6·17-19 Je 60.

HARBORS

Expansion of harbor facilities by the Ministry of the River Fleet during 1959-1965. E.Smirnov. Rech transp. 19 no.5·3-6 My '60.

HARBORS—EQUIPMENT AND SUPPLIES

Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. [Overall mechanization of coal and ore handling in river harbors] Kompleksnaia mekhanizatsiia peregruzki uglia i rudy v rechnykh portakh. Moskva, 1959. 151 p.

HARD FACING

BM-1 gaseous flux for gas and solid soldering, welding and hard facing, and equipment for its use. Khim. prom no.1·85-86 Ja-F '60.

Effect of operating conditions on the chemical composition of metals deposited under a ZhS-type ceramic flux. K.D.Bagrianskii and others. Svar.proizv. no.8:20-22 Ag '60.

Effect of the rate of cooling on the structure of deposited cast iron. G.V.Ksendzyk. Avtom.svar. 13 no.7·49-57 Jl '60.

Investigating the properties of metal bonds in hard facing ferrous metals by silicon brass. G.A.Asinovskaia. Trudy VNIIAvtogen no.7:123-130 '60.

HARD FACING—CONGRESSES

Scientific technical conference on hardfacing techniques. I.M.Shif. Vest.mash. 40 no.7·80-81 Jl '60.

HARDBOARD

Made from sawdust and wood shavings. N.Pashin. Znan. sila 35 no.6:26-27 Je '60.

Selecting synthetic resins for making particle board. A.N. Otlivanchik Stroi mat 6 no.5:13-15 My '60

Using the steam impact method in manufacturing particle boards. M I Chanyshev Der.prom. 9 no 5:17-18 My '60.

HARDNESS

Adjustment of Rockwell instruments according to the C scale. S.S.Stepanov, A I Sonval'd Zav.lab. 26 no.7 887-888 '60.

Improvement of the electrical system of a ball durometer. N.N Danilov Zav lab 26 no.7·886-887 '60.

Khrushchov, M.M., and E.S.Berkovich. [Studying the hardness of ice] Izuchenie tverdosti l'da. Moskva, Izd-vo Akad.nauk SSSR, 1960. 48 p.

HARDWARE

New styles of furniture hardware. V.F.Vinogradskii, V K Davidenko, V.A Trusov. Der.prom. 9 no.5· 18-19 My '60.

HARES AS CARRIERS OF DISEASE

Brucellosis in the hare Lepus tibetanus in the southern part of the Balkhash region. M.M.Rementsova, A.V. Levit. Trudy Inst.zool.AN Kazakh.SSR 12:57-63 '60.

HARMONIC FUNCTIONS

On submetaharmonic functions [with summary in English]. D.B.Topolians'kyi. Dop. AN URSR no.4:432-435 '60.

Using plane harmonic functions in solutions of three-dimensional static problems in the theory of elasticity of an isotopic body. V.I.Blokh. Izv.vys.ucheb.zav.; mat. no.2,19-29 '60.

HAQ, ABDUL

Doctor Abdul Haq; in honor of his 90th birthday [with English summary in insert]. Z.Ganieva. Sovr.Vost. no.7;32 Jl '60.

HARVESTING

Reflections when looking at a grain field. A.Ivashchenko. Mol.komm. no.8·13-47 Ag '60.

HARVESTING MACHINERY

Explorers, a sketch. P.Valkadaeu Belarus' 17 no 5 20-21 My '60

HARVESTING MACHINERY—STUDY AND TEACHING

Methods of conducting practical work on haymaking machinery. V.G.Sordinskii. Shkola i proizv. 4 no.6· 49-54 Je '60.

HAUERITE see subdivision under Rozdol region

HAWKWEED

IUksip, A.IA. [The genus Hieracium] Rod Hieracium L. Moskva, Izd-vo Akad nauk SSSR, 1960. 732 p. (Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR, no.30)

HAWTHORN see subdivision under Albania; Asia Minor, Kurdistan

HEALTH EDUCATION

(see also subdivision under China)

"For the health education of the people" by A. Petrova. Reviewed by S. Kamyshnikov Zdrav Belor 4 no 3; 74-75 Mr '60

Popular universities of health M Linetskaia. Zdorov'e 6 no 6 22 Je '60

Province; Kaliningrad Province; Kislovodsk, Krasnodar Territory, Morshin;Ukraine; see also Istisu; Terpatoriya)

Each engineering as a factor in the planning of health resorts. G.B.IAkimov. Trudy NPI 102:37-44 '60.

HEALTH RESORTS, WATERING PLACES, ETC.—HEATING AND VENTILATION see subdivision under Tskhaltubo

HEARING

Accuracy of "absolute" discrimination of the frequency of sound signals in man [with summary in English]. E.IA. Voitinskii. Vop.psikhol. 6 no.2:74-83 Mr-Ap '60.

Hearing in some fishes of the Black Sea as related to ecological conditions and structural characteristics of the auditory apparatus [with summary in English]. G.A. Maliukina. Zhur.ob.biol. 21 no.3:198-205 My-Je '60.

HEART

Comparative study of antigenic properties of cardiac tissues in different animals and man [with summary in English]. R.F.Averkina. Zhur.ob.biol. 21 no.3:206-212 My-Je '60.

Condition of the myocardium in chronic nonspecific pneumonia as revealed by electrocardiographic data. A.V. Soboleva. Trudy LIETIN 2:97-105 '59.

Effect of different types of stimulation of the ileocecal region of the intestine on cardiac activity in man. Sh.IA. Moseshvili. Soob.AN Gruz.SSR 24 no.4:467-472 Ap '60.

Influence of the exclusion of sympathetic innervation on the amount of glycogen and macroergic phosphorus compounds in the myocardium [with summary in English]. V.A.Govyrin. Biul.eksp.biol.i med. 49 no.1 67-69 Ja '60.

Significance for disability evaluation of dystrophic changes in the myocardium in bronchiectasis. A.V.Soboleva. Trudy LIETIN 2:106-111 '59.

HEART—ABNORMITIES AND DEFORMITIES

Case of embryonal umbilical hernia in a premature infant with a congenital heart defect. V S Burmenskaia Vop okh mat.i det. 5 no.3 87-89 My-Je '60.

Congenital heart defects; diagnosis and surgical treatment. M.V.Murav'ev, F.N.Romanov. Fel'd.i akush. 25 no.5:55-59 My '60.

Diagnosis and clinical aspects of congenital heart defects in children N.N.Serebriakova, K.D.Karal'nik, L M Lekhtik Vop okh mat.i det 5 no 4.20-23 Jl-Ag '60

Some data on nitrogen metabolism in congenital heart defects in children and adolescents. N.G Zernov Vop okh.mat i det 5 no.4:23-29 Jl-Ag '60

Some problems in the nature and clinical aspects of decompensation in patients with organic heart defects. I.M.Funt. Sov.zdrav.Kirg. no.1:12-18 Ja-F '58.

HEART—BLOOD SUPPLY

Distribution and anastomoses of cardiac arteries in dogs [with summary in English]. M.H.Shevchuk. Dop.AN URSR no.5 678-682 '60.

HEART—INFARCTION

Atypical forms of myocardial infarct A.T.Semikin. Zdrav.Belor. 4 no 3 59-60 Mr '58

Following myocardial infarct. I. I.Fogel'son. Zdorov'e 6 no 6 11-13 Je '60

Treatment of myocardial infarct with anticoagulants. N.V.Pechenina. Kaz.med.zhur. 40 no.5:72-73 S-O '59.

HEART—RUPTURE

Clinical aspects of spontaneous heart ruptures. V.N. Smirnov. Kaz.med.zhur. 40 no.5:10-15 S-O '59.

Diagnosis of internal ruptures of the heart. A.V.Vinogradov. Kaz.med.zhur. 40 no.5:6-9 S-O '59.

HEART—SOUNDS

Clinical and expert evaluation of cardiac murmurs in draftees. L.D.Karpilovskii. Voen.-med.zhur. no.5: 43-46 My '60.

HEART—SURGERY

Four surgeons. A.M.Geselevich. Kul't i zhizn' 4 no.6.29-31 '60

Invading the heart. A.A.Vishnevskii. Nauka i zhizn' 27 no.6:60-62 Je '60.

People who save hearts V.V.Kovanov. Zdorov'e 6 no.7.7-8 Je '60.

HEART—WOUNDS AND INJURIES

Variations in the assimilation of cardiac hydrolysates and extracts by different organs and the effect of the preparations on protein synthesis in normal rats and rats with cardiac injuries. L.V.Polezhaev, V.L.Mant'eva. Dokl. AN SSSR 133 no.2:402-495 Jl '60.

HEART BLOCK

Respiratory atrioventricular block. E.B.Babskii, L.S. Ul'ianinskii. Dokl.AN SSSR 133 no.3:716-718 Jl '60.

HEART FAILURE

Combined cardiac insufficiency. H.Plyska. Nauka i zhyttia 10 no.6:35-36 Je '60.

nedostatochnosti. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1959. 359 p.
(DNLM)

Pressman, L.P. [Treatment of cardiac insufficiency] Lechenie serdechnoi nedostatochnosti. Moskva, Medgiz, 1959. 166 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HEAT

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [Thermal investigations in the field of building materials and construction elements; collection of works] Teplotekhnicheskie issledovaniia v oblasti stroitel'nykh materialov i konstruktsii; sbornik trudov. Moskva, Gos.izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 186 p.

HEAT—CONDUCTION

Approximate method for calculating the effect of diffusion on the heat conductivity of gases in the boundary layer. R.Z.Alimov. Izv.vys.ucheb.zav.,fiz. no.3 97-102 '60.

Distribution of temperature in abrasive goods during thermal treatment (firing) [with summary in English]. Sh.N.Pliat. Inzh.-fiz.zhur. no.7:80-87 Jl '60.

Effect of temperature and moisture on the coefficient of heat conductivity of building materials IU G Burov, T.F Tagantseva Stroi mat. 6 no 5 31-35 My '60

Optical method of determining the temperature dependence of the thermal conductivity of liquids. V.P.Frontas'ev. Zav.lab. 26 no.6:738-740 '60.

Thermal conductivity of superconductors in the intermediate state [with summary in English]. N.V. Zavaritskii. Zhur.eksp.i teor.fiz. 38 no.6.1673-1684 Je '60.

Use of resistance grids for the solution of problems of unsteady heat conductivity [with summary in English]. L.A.Kozdoba. Inzh.-fiz.zhur. no.7:72-79 Jl '60.

HEAT—CONVECTION

Effect of internal heat sources on convective heat transfer E A Sidorov Atom energ 9 no 1 51-52 Jl '60

Free heat convection near a horizontal cylinder in highly viscous media [with summary in English] A. Sh. Asaturian, B.A.Tonkoshkurov. Inzh.-fiz.zhur no 6 55-61 Je '60.

Selection of a determining temperature in calculating convective heat exchange and friction under gas dynamic conditions [with summary in English]. S.I.Kosterin, IU.A.Koshmarov. Inzh.-fiz.zhur. no.7:3-9 Jl '60.

Thermal explosion of dinitroxydiethylnitramine under conditions of pure convective heat transfer. F.I.Dubovitskii, V.V.Barzykin, A.G.Merzhanov. Izv.AN SSSR.Otd.khim.nauk no.6:1124-1126 Je '60.

HEAT—PHYSIOLOGICAL EFFECT

Cellular adaptations. V.IA.Aleksandrov. Biul.MOIP. Otd.biol. 65 no.3:142-143 My-Je '60.

Heat resistance of the muscular tissue of sea mollusks. T.A.Dzhamusova. TSitologiia 2 no.3:274-280 My-Je '60.

Vascular reactions to high temperature in cattle. S.M. Makhsudov. Uzb.biol.zhur. no.3:54-59 '60.

HEAT—RADIATION AND ABSORPTION

Calculating the heating of steel sheets by a stationary circular gas flame. S.G.Guzov. Trudy VNIIAvtogen no.7: 14-39 '60.

Dorfman, L.A. [Hydrodynamic resistance and heat emission of rotating solids] Gidrodinamicheskoe soprotivlenie i teplootdacha vrashchaiushchikhsia tel. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 260 p.

Effect of contact heat supply during the radiation drying of moist materials [with summary in English]. P.D. Lebedev, S.V.Shishkov. Inzh.-fiz.zhur. no.7:17-21 Jl '60.

Heat loss of cylindrical bodies of small dimensions in a stream of air longitudinal to them [with summary in English]. O.O.Kremn'ov, V.R.Borovs'kyi. Dop.AN URSR no.4:482-486 '60.

Heat loss of thin strips of small dimensions in a transverse stream of air [with summary in English]. O.O. Kremn'ov, M.T.Dukhnenko. Dop.AN URSR no.5:642-645 '60.

Heat measuring instrument with low inertness developed by the State Trust for the Organization and Efficiency of Electric Power Plants. I.IA.Zalkind, A.V.Anan'in, I.M.Kormer. Teploenergetika 7 no.7:87-89 Jl '60.

Precise formulation of the laws governing the radiation heating of a boundless plate [with summary in English]. A V.Kavaderov, IU.A.Samoilovich. Inzh.-fiz.zhur. no.2 57-60 F '60.

HEAT—TRANSMISSION

Approximate analytic methods of the theory of radiant heat exchange in an absorbing medium. IU.A.Surinov. Izv.vys.ucheb.zav.; fiz. no.3 19-26 '60.

Brief news. B.M.Smol'skii. Inzh.-fiz.zhur. no.7: 139-140 Jl '60.

[illegible]

Characteristics of the design and functioning of the pipe furnaces with a water cushion and an intermediate heat-carrying agent. B.A.Romanov. Khim.i tekh. topl.i masel 5 no.6 44-50 Je '60.

Determining the coefficient of heat transfer in chloride residue linings. A.S.Berngard, V.A.Kozhemiakin. TSvet met. 33 no 7:87-88 Jl '60

Effect of heat conductivity on the absorption of sound in crystals [with summary in English]. L.A.Svergunenko. Inzh.-fiz.zhur. no.7:117-120 Jl '60.

Effect of internal heat sources on convective heat transfer E A Sidorov Atom energ 9 no 1 51-52 Jl '60

Effect of internal sources on convective heat transfer E A.Sidorov Atom energ 9 no 1 51-52 Jl '60

Effect of the internal heat and mass exchange on the migration of mineral substances in wheat grain undergoing hydrothermal conditioning [with summary in English] E D Kazakov, I A.Sakharova Inzh -fiz.zhur no 6 94-98 Je '60.

Experimental study of the heat exchange during the condensation of ammonia vapors from an air mixture in a horizontal tube. I.V.Maziukevich. Zhur.prikl.khim. 33 no.5 1060-1068 My '60.

Experimental study of the heat transfer of radiators under conditions of natural convection [with summary in English]. G N.Dul'nev, N.N.Tarnovskii Inzh.-fiz.zhur. no.2:5-11 F '60.

Generalized relationships of critical thermal loads in case of boiling of the liquids under conditions of free motion [with summary in English, p.2]. D.A. Labuntsov. Teploenergetika 7 no.7:76-80 Jl '60.

Heat conductivity and heat exchange in a fluidized bed. A.K Bondareva, O.M.Todes Inzh.-fiz.zhur. no 2 105-110 F '60.

Heat exchange during vapor condensation inside horizontal tubes [with summary in English] V.V.Konsetov Inzh -fiz.zhur no.6 9-16 Je '60.

Heat exchange in a fluidized bed. S.S.Zabrodskii. Inzh.-fiz.zhur. no.2 111-114 F '60.

Heat exchange with water and ethyl alcohol during natural convection near the critical point [with summary in English] E.A Kazakova. Inzh.-fiz zhur. no.6:3-8 Je '60

Heat losses in the discharge of fluid under the pressure of hot gases [with summary in English] N.E.Kvantaliani Inzh -fiz zhur no.6 52-54 Je '60.

Heat transfer from a horizontal wire heated by an alternating current. G.A.Ostroumov, G.B.Soifer. Izv. vys.ucheb.zav.,fiz. no.3:52-55 '60.

Heat transfer in metallurgical furnaces with use of screens G V Samokhvalov, I.S Nazarov Izv vys ucheb zav ,chern met no 6 146-154 '60

Hydrodynamic theory of heat transfer applied to liquids with small Prandtl numbers. L.IU.Artiukh, L.A.Vulis, B.P.Ustimenko. Izv.AN Kazakh.SSR.Ser energ. no.2: 76-89 '60.

Investigation of convective heat exchange on screens placed along the end faces of rotating disks. B.P.Mironov. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.3:129-137 My-Je '60.

Levkovich, V.V. [Heat losses in water systems operating under varying conditions] Poteri tepla vodianymi setiami pri neustanovivshemsia rezhime. Minsk, Redaktsionno-izdatel'skii otdel BPI im.I.V.Stalina, 1960. 136 p.

Longitudinal flow of a highly viscous fluid around a heated cylinder [with summary in English]. A.Sh.Asaturian, B.A.Tonkoshkurov. Inzh.-fiz.zhur. no.7:106-111 Jl '60.

New construction to the theory of heat and mass exchange. P.K.Konakov. Izv.ASiA no.2.126-127 '60

Problem of the transfer of heat and moisture in a half-space three-dimensional medium under boundary conditions of the second type [with summary in English] P.V. TSoi. Inzh.-fiz zhur. no.6,112-119 Je '60.

Solution of one thermophysical problem [with summary in English]. M.M.Nazarchuk, N.I.Pol'skii Inzh.-fiz zhur. no 6:76-81 Je '60.

Some data pertaining to heat transfer in an annular channel with an external radiator. P.I.Saltykov, N.T.Spodyriak. Izv.AN Kazakh.SSR.Ser.energ. no.2:104-111 '60.

Thermal fields and thermoelectric displacements of segments radiating heat through all their boundaries. M.S.Aga. Sbor.trud.nauch.LISI no.30:202-207 '59.

Tubular plates, hydraulic resistance, effectiveness, and heat transfer. M.E.Aerov and others. Khim.prom. no.1 62-66 Ja-F '60.

HEAT CAPACITY

Heat capacity C_p of water and steam at the saturation line [with summary in English, p.2]. A.E.Sheindlin, E.E.Shpil'rain, V.V.Sychev. Teploenergetika 7 no.7:23-27 Jl '60.

Heat capacity c_v in the two-phase region of eth coexistence parameters of water [with summary in English]. V.V.Sychev. Inzh.-fiz.zhur. no.7:10-16 Jl '60.

Heat capacity of separating solutions of triethylamine in light and heavy water [with summary in English]. V.P.Skripov, V.M. Kostin. Zhur.fiz.khim. 34 no.7: 1503-1507 Jl '60.

Gal'chenko, IU.V.Gagarinskii, M.M.Popov. Zhur.neorg.khim. 5 no.7:1631-1634 Jl '60

Heats of formation and heat capacities of chloroammonium compounds of divalent platinum. I.I.Cherniaev and others. Zhur.neorg.khim. 5 no.7:1428-1440 Jl '60.

Heats of formation and heat capacities of the tetrammine and triammine of divalent platinum. I.I.Cherniaev, V.A.Palkin, R.A.Baranova. Zhur.neorg.khim. 5 no.4:821-831 Ap '60.

Maximum heat capacity C_p of water [with summary in English, p.2]. A.M.Sirota, B.K.Mal'tsev, P.I. Beliakova. Teploenergetika 7 no.7:10-23 Jl '60.

Thermodynamic low-temperature studies. Part 9: Heat capacity of cadmium bromide between 12.5 and 300°K. Enthalpy and entropy of $CdBr_2$ at 298.15°K [with summary in English]. E.S.Itskevich, P.G.Strelkov. Zhur.fiz.khim. 34 no.6:1312-1315 Je '60.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Levkovich, V.V. [Heat losses in water systems operating under varying conditions] Poteri tepla vodianymi setiami pri neustanovivshemsia rezhime. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V.Stalina, 1960. 136 p.

Selection of a parameter regulating the conditions of heating a distillation station for soda production. O.A. Tkach. Khim.prom. no.2:137-137 Mr '60.

HEAT ENGINEERING—BIBLIOGRAPHY see Bibliography—Heat engineering

HEAT ENGINEERING—EQUIPMENT AND SUPPLIES

Chistiakov, S.F. [Concise handbook on heat engineering instruments and controllers] Kratkii spravochnik po teplotekhnicheskim priboram i reguliatoram. Moskva, Gos.energ.izd-vo, 1960. 111 p.

Heat measuring instrument with low inertness developed by the State Trust for the Organization and Efficiency of Electric Power Plants. I.IA.Zaikind, A.V.Anan'in, I.M.Kormer. Teploenergetika 7 no.7:87-89 Jl '60.

HEAT EXCHANGERS

Design of flexibly-fixed heat exchanger tube sheets with a rigid structure. O.N.Ivanov. Izv.vys.ucheb.zav.; mashinostr. no.6:98-104 '60.

Experimental study of the heat transfer of radiators under conditions of natural convection [with summary in English]. G.N.Dul'nev, N.N.Tarnovskii. Inzh.-fiz.zhur. no.2:5-11 F '60.

Improving the performance of heat-exchangers and lowering the steam consumption in benzene producing shops. L.P.Zamkovoi. Koks i khim. no.7:18-19 '60.

Means of reducing the weight of heat exchangers used in industrial processes. R.Z.Rabinovich. Khim.i tekh.topl.i masel 5 no.7:55-58 Jl '60.

HEAT OF FORMATION

Determination of the heats of formation of manganese and nickel tungstates. A.V.Proshin, T.N.Rezukhina. Zhur.neorg.khim. 5 no.5:1016-1021 My '60.

Heats of formation and heat capacities of chloroammonium compounds of divalent platinum. I.I.Cherniaev and others. Zhur.neorg.khim. 5 no.7:1428-1440 Jl '60.

Heats of formation and heat capacities of the tetrammine and triammine of divalent platinum. I.I.Cherniaev, V.A.Palkin, R.A.Baranova. Zhur.neorg.khim. 5 no.4:821-831 Ap '60.

HEAT OF FUSION

Latent heat of fusion of some inorganic salts [with summary in English]. S.V.Karpachev, E.M.Karasik. Zhur.fiz.khim. 34 no.5:1073-1076 My '60

HEAT OF SOLUTION

Heats of solution of copper perchlorate hexahydrate in water and aqueous solutions of perchloric acid. S.A. Shchukarev, G.M.Orlov, Z.U.Borisova. Zhur.ob.khim. 30 no.7:2097-2102 Jl '60.

Integral heats of solution of perchloric acid. N.V.Krivtsov, V.IA.Rosolovskii, A.A.Zinov'ev. Zhur.neorg.khim. 5 no.4:772-774 Ap '60.

Integral heats of solution of perchloric anhydride and of its mixtures with perchloric acid in water at 25°. V.IA. Rosolovskii, N.V.Krivtsov, A.A.Zinov'ev. Zhur.neorg.khim. 5 no.4:778-781 Ap '60

Thermodynamics of sulfur dissolved in liquid iron. B.P. Burylev. Izv.vys.ucheb.zav.;chern.met. no.6:5-14 '60

HEAT OF VAPORIZATION

Heats of vaporization of cyclanes [with summary in English]. O.N.Kachinskaia. Zhur.fiz.khim. 34 no.6:1364-1365 Je '60.

Measurement of the saturated vapor pressure of boric anhydride [with summary in English]. AN.N.Nesmeianov, L.P.Firsova. Zhur.fiz.khim. 34 no.5:[illegible]-1045 My '60.

Pressure of water vapor, and the heats of vaporization of water and nitrogen oxides from nitroses. V.I. Glalushko. Ukr.khim.zhur. 26 no.3:327-333 '60.

[with summary in English] O.D.Kurilenko, E.A. IAkovkina. Koll.zhur. 22 no.3:282-287 My-Je '60.

Relation between the heat of wetting, the bound water content, the hygroscopicity, and the ion exchange capacity of clays [with summary in English]. I.I.Motachevskii and others. Koll.zhur. 22 no.3:340-343 My-Je '60.

Sorption of water vapor and the heat of wetting of silica gels [with summary in English]. E.I.Nekriach, Z.A. Samchenko. Koll.zhur. 22 no.3:294-298 My-Je '60.

Sorption of water vapor and the heats of wetting of some polyamides [with summary in English]. E.F.Nekriach, Z.A.Samchenko. Koll.zhur. 22 no.3:299-302 My-Je '60.

HEAT PUMPS

Use of a simplified heat pump in a heat supply based on thermal waters. P.I.Monokrovich, G.I.Krasheninnikov. Izv.AN Uz.SSR.Ser.tekh.nauk. no.4:3-11 '60.

HEAT REGENERATORS

Performance of a high-temperature ceramic recuperator. M.A.Glinkov, V.A.Krivandin. Sbor.Inst.stali no.30:80-91 '60.

HEAT-RESISTANT ALLOYS

(see also subdivision under United States)

Bobro, IU.G. [Heat-resistant and growth-resistant cast iron] Zharostoikie i rostoustoichivye chuguny. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 167 p.

Cast pearlite steels for power units operating at temperatures of 510° and 570°. I.M.IAkovinskii, N.I. Lavrskii, I.P.Nikitina. [Trudy] TSNIITMASH 100:110-161 '59.

Effect of preliminary deformation on heat resistance. I.I.Trunin. [Trudy] TSNIITMASH 100:14-50 '59.

Heat resistance of austenite steels in gaseous media. E.A.Davidovskaia, I.P.Kontol'. [Trudy] TSNIITMASH 100:80-90 '59.

Heat resistance of highly phosphorous austenitic steel. B.M.Vinarov, M.I.Alekseenko, G.N.Orekhov. Izv.vys.ucheb.zav.;chern.met. no.6:106-113 '60

Heat-resistant deformable MA11 magnesium alloys. A.A.Kazakov, U.G.Kovalev, A.I.Kolpashnikov. Tsvet.met. 33 no.5:62-65 My '60.

Heat-resistant VT3 and VT3-1 titanium alloys. O.P. Solonina, G.M.Rokhova. Titan i ego splavy no.3:70-81 '60.

Investigating the properties of the pilot plant product of EI765 alloy used for manufacturing gas turbine parts. V.Z.TSeitlin. [Trudy] TSNIITMASH 100:102-107 '59.

Long time strength of austenite steels in fuel combustion products and in superheated steam. A.I.Maksimov and others. [Trudy] TSNIITMASH 100:20-30 '59.

Properties of 10Kh12NVMFA heat-resistant steel. D.IA. Vishniakov, M.A.Fivel'man, S.V.Bashkova. Trudy MATI no.43:28-37 '60.

Testing and using heat-resistant materials at the Cherepet' State Regional Electric Power Plant. I.I. Trunov. [Trudy] TSNIITMASH 100:[illegible] '59.

HEAT-RESISTANT ALLOYS—COLD WORKING

Effect of cold working on the fine crystal structure of heat-resistant austenite steels. M.L.Bernshtein, Chu Ih-chung. Metalloved.i term.obr.met. no.6: 7-9 Je '60.

HEAT-RESISTANT ALLOYS—METALLOGRAPHY

Atomic mechanism of aging of complex heat-resistant alloys. L.I. Mirkin. [Trudy] TSNIITMASH 100:[illegible] '59.

HEAT-RESISTANT ALLOYS—TESTING

The Bauschinger effect for the EI437B alloy under cyclical deformation conditions in a wide temperature range. S.V.Serensen, P.I.Kotov. Izv.vys.ucheb.zav.; mashinostr. no.5:65-74 '60.

Installation for testing creep and long time strength of heat-resistant alloys. I.P.Lisitsov, G.P.Fedortsov-Lutikov, V.G.Mitrofanov. [Trudy] TSNIITMASH 100: 107-115 '59.

HEAT-RESISTANT ALLOYS—THERMAL PROPERTIES

Heat-resistant alloy with a low coefficient of thermal expansion. D.A.Pronin, A.G.Spasskii. Lit.proizv. no.7:32-34 Jl '60.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING—TABLES, CALCULATIONS, ETC.

Calculation of additional heat losses through walls based on construction norms and regulations. N.P.Shapchenko. Vod.i san.tekh. no.8:13-14 Ag '60

HEATING FROM CENTRAL STATIONS

(see also subdivision under Leningrad; Moscow)

Basic methods of developing central heating. E.IA.Sokolov. Elek.sta. 31 no.6:2-8 Je '60.

Gas turbine systems used as district heating sources. D.I.Markov. Elek.sta. 31 no.4:42-43 Ap '60

Possible areas of application of single-pipe district heating systems. L.N.Davydova. Elek.sta. 31 no.4:36-41 Ap '60.

[illegible]

HEATING PIPES—STANDARDS

[illegible]

[illegible]

HEATING PLANTS

Characteristics of thermal calculation methods for stationary boilers. V.A.[illegible] 10 no.4:25-27 '60.

HEATSTROKE

[illegible]

HEAVY WATER REACTORS see [illegible] Denmark

HEDGEHOGS see subdivision under [illegible]

HELICHRYSUM

[illegible]

HELICOPTERS

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HELICOPTERS—PILOTING

[illegible]

[illegible]

HELICOPTERS—SAFETY MEASURES see subdivision under [illegible]

HELIUM

[illegible]

[illegible]

[illegible]

HELIUM—ISOTOPES

[illegible]

[illegible]

[illegible]

HELLEBORE

Biology of the black hellebore [illegible] M.A.[illegible] 1060-1064 Jl '60

HELMINTHOLOGICAL RESEARCH

[illegible]

HELMINTHOLOGY—BIBLIOGRAPHY see Bibliography—Helminthology

HEMATOMA

Late rupture of a subcapsular hematoma of the spleen. V.T.Kuchuk. Zdravookhranenie [illegible] My-Je '60.

HEMATURIA

[illegible] [with summary in English]. [illegible] '60.

HEMINGWAY, ERNEST, 1898-

Eloquent desert "Green hills of Africa" by Ernest Hemingway. Reviewed by Nikolai Aseev). Oktiabr' 37 no.6:217-218 Je '60.

The fate of Colonel Cantwell. E. Litoshko. Moskva 4 no.1:98-100 '60.

HEMIPTERA

(see also subdivision under Ukraine)

General features of the structure of the eggs and female genitalia in the Scutelleroidea. L. V. Puchkova. Pratsi Inst. zool. AN URSR 15:117-125 '59.

HEMOGLOBIN

Dynamics of changes in the hemoglobin of the blood of school children in the Polar Arctic. L A Tarasov. Vop. okh mat. i det. 5 no 3 69-72 My-Je '60

Hemoglobin and phagocytosis as indicators of the vitamin C condition of the organism. V. I. Gorbunova. Biul. MOIP, Otd. biol. 65 no. 1:143-146 Ja-F '60.

Spectrophotometric and electrophoretic study of hemoglobin in the blood of cows with hematuria [with summary in English]. B. F. Sukhomlynov. Dop. AN URSR no. 5:668-691 '60.

HEMOLYSIS AND HEMOLYSINS

Effect of the functional state of the carotid sinus on the concentration of normal hemolysins and protein fractions in the blood serum [with summary in English]. V. S. Zudin Fiziol. zhur. [Ukr.] 6 no. 4:553-559 Jl-Ag '60.

HEMOPOIETIC SYSTEM

Change in the oxidation-reduction processes in the hemopoietic organs in radiation sickness A I. Robu Zdravookhranenie 3 no. 2,56-61 Mr-Ap '60.

Influence of polyglucin on hematopoiesis [with summary in English]. I. L. Gol'dman. Pat fiziol. i eksp. terap. 4 no 3 54-60 My-Je '60

HEMORRHAGE

Diagnosis of hemorrhage into the pericardium in a closed injury of the thorax. N. D. Ginzburg, N. S. Kostin. Voen.-med. zhur. no. 6:60-62 Je '60.

Lung resection in pulmonary hemorrhage. IU. A. Kogosov. Pat., klin. i terap. tub. no. 8:327-330 '58.

HEMORRHAGIC FEVER

(see also subdivision under Volga Valley)

Clinical aspects and diagnosis of hemorrhagic fever E D Erovit Zdravookhranenie 3 no 2 27-29 Mr-Ap '60

Epidemiology and prevention of Tula fever. M. A. Shtern. Voen.-med. zhur. no. 6:33-35 Je '60.

HEMOSPORIDIA see subdivision under Azerbaijan

HEMP

Methods for differentiating the process of hemp fiber scutching. V. I. Veselov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:38-43 '60.

HEMP—DRYING

Effect of basic factors on the drying of retted hemp straw. A. N. Sechkin. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:130-136 '60.

HEPATICAE see subdivision under Naurzum Preserve

HEPATITIS, INFECTIOUS

(see also subdivision under Apsheron Peninsula)

Diagnosis of virus epidemic hepatitis by means of determining the activity of the serum aldolase. N. Kazbal and others. Zdravookhranenie 3 no. 2:19-23 Mr-Ap '60

Inoculation hepatitis caused by the use of preventive serum for measles. I. N. Rudenskaia. Vop. okh. mat i det. 5 no. 3 31-35 My-Je '60.

Late results of Botkin's disease (epidemic hepatitis) in children. V. P. Alferov. Vop. okh. mat. i det. 5 no 3 35-39 My-Je '60.

Method for the complement fixation reaction by means of serum and tissue (animal) antigens in Botkin's disease V. P. Sidenko. Zdravookhranenie 3 no. 2:23-26 Mr-Ap '60.

Some glycolytic enzymes in the blood serum of children with Botkin's disease. R. F. Ezerskii. Vop. okh. mat. i det. 5 no. 3,40-43 My-Je '60.

HEPTANAL

Synthetic enanthole. R. F. Shilina, K. A. Bogdanov, A. V. Sobolevskaia. Masl.-zhir. prom. 26 no. 7:38-39 Jl '60.

HEPTANE

Use of tritium in the determination of the relative rate constants of the cleavage of organic hydrogen. Reactivity of carbon - hydrogen bonds of n-heptane [with summary in English]. V. L. Antonovskii, I. V. Berezin. Zhur. fiz. khim. 34 no. 6:1286-1293 Je '60.

HEPTANOIC ACID

Complex compounds of divalent platinum with 1, 7-aminoenanthic acid. L. M. Volshtein, M. F. Mogilevkina. Zhur. neorg. khim. 5 no. 7:1445-1448 Jl '60.

HEPTENYNOL

Hydrogenation of diethylvinylacetylenecarbinol on platinum and palladium catalysts. T. A. Boroda. Ukr. khim. zhur. 26 no. 3 334-340 '60.

HERBARIA

Students make a herbarium N I. Matveev Biol v shkole no 3 59-60 My-Je '60

HERBICIDES

Effectiveness of the use of some herbicides in vegetable gardening. P. S. Zhukava. Vestsi AN BSSR. Ser. biial. nav. no. 2:67-73 '60.

Latest in fertilizers, herbicides, and poisonous chemicals for sugar beets. S. E. Fridman. Sakh. prom. 34 no. 6. 72 Je '60.

Saburova, P. V., and A. A. Petunova. [Use of herbicides in agriculture] Primenenie gerbitsidov v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 75 p.

Using arboricides in removing trees and brushwood from the areas to be inundated. IA. M. Velichko, I. V. Shutov. Gidr. stroi. 30 no. 7:35-38 Jl '60.

HEREDITY

Ivanov, N. D. [Darwinism and the theories of heredity] Darvinizm i teorii nasledstvennosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 277 p.

HERNIA

Case of embryonal umbilical hernia in a premature infant with a congenital heart defect. V. S. Burmenskaia Vop okh. mat. i det 5 no 3 87-89 My-Je '60

It isn't only Natasha who asks Zdorov'e 6 no 6 15 Je '60

HEROES

(see also subdivision under Baltic States)

Aerial hero Gastello and his followers. V. N. Gaponov. Ist. SSSR 4 no. 3:76-88 My-Je '60

Calendar of heroism. Evgenii Riabchikov. Znamia 30 no. 7:155-165 Jl '60.

The category of the heroic in the study of ethics [with summary in English]. V. P. Shestakov. Vest. ist. mir. kul't. no. 2:16-31 Mr-Ap '60.

In memory of heroes AI Ionov and others Ogonek 38 no 24 6-7 Je '60.

HERRING see subdivision under White Sea

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

Hertzen's letters to children Z Andreeva. Sem'ia i shkola 15 no. 5 12-14 My '60.

Hertzen's struggle for an advanced democratic western culture [with summary in French]. V. A. Putintsev. Vest. ist. mir. kul't. no. 2:51-63 Mr-Ap '60.

HETEROSIS

Effect of genetic homogeneity of parent material on the degree of heterosis in corn hybrids. N. V. Turbin, A. N. Palilova. Biul. Inst. biol. AN BSSR no. 3:185-189 '58.

Heterosis in animal breeding. M. M. Lebedev. Nauka i zhizn' 27 no. 7:28-30 Jl '60.

Studying the correlation between qualitative features of hybrid seed and the degree of heterosis in corn. A. N. Palilova. Biul. Inst. biol. AN BSSR no. 3:202-207 '58.

HEXAMETHYLENIMINE

Critical phenomena in the system hexamethylenimine - water. Part 3: Diffusion in the vicinity of the critical point [with summary in English]. I. R. Krichevskii, N. E. Khazanova, IU. V. TSekhanskaia. Zhur. fiz. khim. 34 no. 6:1250-1254 Je '60.

Formation of polyamide resins from caprolactam, diamines, and dicarboxylic acids. A. S. Shpital'nyi, M A Shpital'nyi, IA. A. Kharit. Khim volok. no. 3 13-14 '60.

Photometric determination of cyclohexanone oxime in the presence of caprolactam [with summary in English] A. P. Terent'ev, M Kosin'skii Zhur anal khim 15 no 2:234-237 Mr-Ap '60

HEXANE

Solubility of n-pentane and n-hexane in water. A. IU. Namiot, S. IA. Boider. Khim. i tekh. topl. i masel 5 no. 7:52-55 Jl '60.

HEXENYNONE—DIPOLE MOMENTS

Conjugated systems. Part 122: Dipole moments and reactivity of vinylacetylene ketones and amines. A. A. Petrov and others. Zhur. ob. khim. 30 no. 7:2248-2260 Jl '60.

HEXOBARBITAL

Effect of hexenal and ether on the accommodation of the cerebral cortex and some parts of the brain stem to the rhythm of light stimuli [with summary in English]. O M. Razumieiev. Fiziol. zhur. [Ukr.] 6 no. 3.303-310 My-Je '60.

HEXONATE

Combined treatment of hypertension with extract of the root of Rumex confertus and hexonate. B. I. Shevchenko. Vrach. delo no. 7:112-113 Jl '60.

HEXYNE

Interaction between acetylenic oxides and amines. V. M. Al'bitskaia, E. M. Bliakhman. Trudy LTI no. 58:51-54 '59.

HEYROVSKY, JAROSLAV, 1890-

Nobel Prize in Czechoslovakia. Jiri Brabenec Nauka i zhizn' 27 no 5 24-26 My '60

The winner of the Nobel Prize J Brabenec Nauka i zhyttia 10 no 5 63 My '60

HIBERNATION

Effect of dry and moist food on the characteristics of thermoregulation and some blood indices of the suslik Citellus pygmaeus Pall. [with summary in English]. V. P. Kozakevich. Zool. zhur. 39 no. 6,927-932 Je '60.

Hibernation sites of some coccinellids in southeastern Kazakhstan [with summary in English]. G. I. Savoiskaia. Zool. zhur. 39 no. 6:882-887 Je '60

Observations on the hibernation of some mammals. N. V. Nekipelov, B. I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19 38-49 '58.

Quantity of carbon dioxide gas and oxygen in the winter burrows of rodents. N. V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:138-139 '58.

HIDES AND SKINS—DISINFECTION

Effectiveness of chloropicrin disinfection of plague infested hides of wild rodents V P Smirnov Izv Irk gos nauch -issl protivochum. inst 20 121-123 '59

HIDES AND SKINS—STANDARDS

Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Astrakhan and karakul raw pelts] Karakulevo-smushkovoe syr'e. Izd. ofitsial'noe. Moskva, 1959. 64 p. (Gosudarstvennye standarty SSSR)

HIGH BLOOD PRESSURE see Hypertension

HIGH PRESSURE RESEARCH

Anomalies of electron characteristics of a metal in the high pressure region [with summary in English] I. M Lifshits Zhur eksp i teor fiz 38 no 5 1569-1576 My '60.

Beresnev, B. I., and others. [Some problems in large plastic deformations of metals at high pressures] Nekotorye voprosy bol'shikh plasticheskikh deformatsii metallov pri vysokikh davleniiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 79 p.

Gonikberg, M. G. [Chemical equilibrium and rate of reactions of high pressures] Khimicheskoe ravnovesie i skorost' reaktsii pri vysokikh davleniiakh. Izd. 2., perer. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1960. 271 p.

Obtaining superhigh pressures at low temperatures N B Brandt Prib i tekh eksp no 2 131-133 Mr-Ap '60

State equations of aluminum, copper, and lead in the high pressure region [with summary in English] L. V. Al'tshuler and others Zhur eksp i teor fiz. 38 no 3 790-798 Mr '60.

Vishnevskii, N. E., N. P. Glukhanov, and I. S. Kovalev. [High-pressure equipment with an airtight drive] Apparatura vysokogo davleniia s germeticheskim privodom. Izd. 2., ispr. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 246 p.

HIGH TEMPERATURES

Thermodynamic functions of air at high temperatures [with summary in English]. E. V. Stupochenko and others. Zhur. fiz. khim. 34 no. 6:1265-1274 Je '60.

HIGHER EDUCATION see Education, Higher

HIGHWAY CONSTRUCTION see Road construction

HIP JOINT—DISEASES

Diagnosis of obliterating endarteritis and ischias. Z. M. Pshenichnaia. Vrach. delo no. 6:643 Je '60.

HIP JOINT—TUBERCULOSIS

Dystrophic processes in the bones in tuberculosis of the hip joint A. A. Artem'eva. Pat., klin. i terap. tub no. 8 200-202 '58.

Operative approach to mediocentral foci near the hip joint. IA. B. Kutsenok. Pat., klin. i terap. tub. no. 8 203-205 '58.

HISTAMINE

Acetylcholine and histamine content of blood during different periods of pregnancy. B. G. Saiadian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1:63-73 Ja '60.

Changes in the temperature of the gastric mucosa due to the effect of histamine [with summary in English]. S. V. Zemlians'kyi, V. IA. Berezovs'kyi. Fiziol. zhur. [Ukr.] 6 no. 3 336-343 My-Je '60

HISTOLOGY

A method for embedding histological material in methacrylate. L. S. Gol'din, V. S. Petrov. Biofizika 5 no. 3,375-378 '60.

HISTORIC TREES see subdivision under Latvia

HISTORICAL MUSEUMS see subdivision under Dyn-lovezhska Pushcha, Dnepropetrovsk

HISTORIOGRAPHY
Soviet historiography of Russian imperialism and the problem of dividing Soviet historical science into periods of development, 1917-1936. K.N.Tarnovskii. Ist.SSSR 4 no.3:149-155 My-Je '60
A study of the periods of development of Soviet historical science. N.N.Stepanov. Ist.SSSR 4 no.3:156-167 My-Je '60.

HISTORIOGRAPHY—CONGRESSES
Intercollegiate Conference on historiography in Voronezh. I.D. Ist.SSSR 4 no.3:216-217 My-Je '60.

HISTORY
Fifth Conference of Graduate Students and Junior Scientists of the Institute of the History of Science and Technology of the Academy of Sciences of the U.S.S.R. Vop.ist.est.i tekh. no.9:186-187 '60

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CONGRESSES
Berlin Conference of East German and Soviet Historians. G.F.Zastavenko. Nov.i noveish.ist. no.2:200-202 '60.
History of the acceptance of papers in Russian at the international congresses of historians. V.H.Sarbei. Ukr.ist.zhur. 4 no.4:110-111 Jl-Ag '60

HISTORY—DICTIONARIES
"Soviet historical encyclopedia." E.A.Volina, L.A.Zak. Nov.i noveish.ist. no.2:202-204 '60.
"Soviet historical encyclopedia." V. [illegible] no.7 17 Jl '60

HISTORY—PERIODICALS
Foreign journals in review. Nov.i noveish.ist. no.2: 204-205 '60.

HISTORY—PHILOSOPHY
The categories of spontaneity and consciousness. I.I. Kosyakin. Uch.zap.Kaf.filos.RPI no.[illegible] 80-108 '59
General features of abrupt changes in progressive development. M.P.Mel'nychenko. Uch.zap.Khar.derzh.bibl.inst. no.1 [illegible] '59
Interaction of the various forms of social consciousness. V.V.Zhuravlev. Uch.zap.Kaf.filos.RPI no.[illegible] 130-136 '59
The problem of social progress and the bourgeois philosophy of history [In Armenian with summary in Russian]. G.G.Aslanian. Ist.-filol.zhur. no.4 3-21 '59.

HISTORY—SOURCES
The use of Soviet prose materials in documentary publications. T.V.Ivaltokala. Ist.arkh. 6 no.3 163-171 My-Je '60.

HISTORY—STUDY AND TEACHING
Conference of history teachers in Stalino. N.M.Leshchenko. Ukr.ist.zhur. 4 no.4:153 Jl-Ag '60
For greater participation of students in the work of history classes. I.I.Kudryashova. Rad.shk. 40 no.7:56-60 Jl '60.
In the Department of History of the Academy of Sciences of the U.S.S.R. V.V.Al'tman. Nov.i noveish.ist. no.2:199-200 '60.
Lisko, G.M., and F.V.Petrova. [Working with chronology in schools, teachers' manual] Rabota s khronologiei v shkole, posobie dlia uchitelia. Leningrad, Gos.uchebno-pedagog.izd-vo M-va pros. RSFSR, Leningr.otd-nie, 1960. 81 p.
Method of narration in history classes. M.I.Kot. Ukr.ist.zhur. 4 no.4:88-95 Jl-Ag '60
Proverbs and sayings in history classes. I.V.Gitlin. Nach.shkola 28 no.6:31-33 Je '60.
Study history and propagandize historical knowledge the Leninist way. Nauch.dokl.vys.shkoly;ist.nauki no.2: 3-14 '60
"Studying the labor movement in history classes" by A.V.Santsevych. Reviewed by V.M.Lytkach. Ukr.ist.zhur. 4 no.4:147-148 Jl-Ag '60

HISTORY, MODERN
Rotshtein, F.A. [International relations at the end of the 19th century] Mezhdunarodnye otnosheniia v kontse XIX veka. Moskva, Izd-vo Akad.nauk SSSR, 1960. 705 p.

HODGKIN'S DISEASE
Treatment of lymphogranulomatosis. I.V.Kurdybailo. Voen.-med.zhur. no.6:79-80 Je '60
Uspenskii, A.F. [Lymphogranulomatosis] Limfogranulematoz. Moskva, Medgiz, 1959. 119 p. (Biblioteka prakticheskogo vracha)
(DNLM)

HOISTING MACHINERY
Automatic device for switching off the U2-4-5 draw works in swabbing operations. V.A.IAkovlev. Neftianik 5 no.6:22 Je '60.
Efficient method of mounting mine hoisting machines. S.A.Polobnyi. Shakht.stroi. 4 no.7:21-25 Jl '60
Elevator for railroad cars (from "Mechanical Handling," no.1, 1960). Zhel.dor.transp. 42 no.7:94 Jl '60
"Hoisting and conveying machinery" by A.A.Vainson. Reviewed by A.I.Gal'perin. Mont.i spets.rab.v stroi. 22 no.7:31-32 Jl '60.
Mechanical clamp. B.K.Fremin. Transp.stroi. 10 no.5:53 My '60.
New guards. D.Kovalev. Mast.ugl. 9 no.7:13 Jl '60.
Testing oil well rig hoisting machinery. V.I.Taranevich. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:11-17 '60
Ways of expanding the field of use of a multirope mine hoist with friction pulleys. V.A.Kalmnov, A.M.Lakto-tovich. Izv.vys.ucheb.zav.;gor.zhur. no.7:121-124 '60.
What are the causes of jamming of travelling blocks by crown blocks? Neftianik 5 no.6:10 Je '60.
Zavozin, L.F. [Mine hoisting machinery] Shakhtnye pod"emnye ustanovki. Moskva, Gos.nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 257 p.

HOKUSAI, KATSUSHIKA, 1760-1849
The size of a town square. IA.Peshkovskii. Ogonek 38 no.[illegible] 32 Je '60

HOLIDAYS see subdivision under Orel Province

HOLLAND see Netherlands

HOLY SEE see Papacy

HOME AND SCHOOL
Before the last bell. T.Panfilova. Sem'ia i shkola 15 no.5:3-4 My '60
Editor's mail. Sem'ia i shkola 15 no.5:31-32 My '60
In the kindergarten of the Lenin State Farm. M.Zhabina. Sem'ia i shkola 15 no.5:4-5 My '60
The mail of "Sem'ia i shkola." Sem'ia i shkola 15 no.6: 41-42 Je '60
More ways for public-spirited workers among parents! Sem'ia i shkola 15 no.6:4-6 Je '60.
What constitutes your help and control? A.Dmitriev, B.Bronevich. Sem'ia i shkola 15 no.6:43-44 Je '60
What our readers state. Sem'ia i shkola 15 no.5:10-11 My '60

HOME AND SCHOOL—CONGRESSES
Conference of parents' committees. V.I.Epifanova. Doshk.vospit. 33 no.5:58-59 My '60

HOME AND SCHOOL—PERIODICALS
"Sem'ia i shkola" enters workshops. Sem'ia i shkola 15 no.5:41 My '60
Write longer letters and more often! Sem'ia i shkola 15 no.5:41 My '60

HOME ECONOMICS
Advice in home economics. Belarus' 17 no.7:20 Jl '60
[For you, housewives] Vam, domashnie khoziaiki. [IAroslavl'] Kostromskoe knizhnoe izd-vo, 1960. 125 p.
Homemakers' corner. Prom.koop. 14 no.6:40 Je '60.
Makover, M.D. [Housekeeping, care of clothing, and shoes; advice for the young family] Uhod za odezhdoi i obuv'iu, sovety molodoi sem'e. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 64 p.
Women, this is for you! Ogonek 38 no.26:30 Je '60.
[Your friend] Podruga. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 101 p.

HOME ECONOMICS—ACCOUNTING
In the Scientific Methodology Council attached to the Central Statistical Administration of the U.S.S.R. V.O., V.S. Vest.stat. no.7:67-69 '60

HOME ECONOMICS—STUDY AND TEACHING
Lesson on the topic "Setting a table for ten." V.N. Bogdanov. Nach.shkola 28 no.6:45 Je '60
Working on home economics. K.A.Dzhulova. Nach.shkola 28 no.6:43-44 Je '60.

HOME EDUCATION see Correspondence schools and courses

HOME LABOR
Incomprehensible indifference. N.Korol'kov. Prom.koop. 14 no.6:11 Je '60.

HONCHAR, OLEKSANDR TERENTIIOVYCH, 1918
Heroes meet again. [illegible] Sov.Ukr. 10 no.7 151-156 Jl '60

HONDURAS—ECONOMIC CONDITIONS
Fewer guns, more schools! Vsem.stud.nov. 14 no.3/4: 8 Mr-Ap '60.

HONDURAS—STUDENT ACTIVITIES
Fewer guns, more schools! Vsem.stud.nov. 14 no.3/4: 8 Mr-Ap '60.

tration. V.A.Davtiani, N.P.Iolehah, I.IA.Mikhai-kova. Trudy VNIIVI 6 [illegible] '60.

HONEYSUCKLE see subdivision under Kirghiz Range

HORMONES
New data on the reflex and hormone regulation of diuresis and on the changes in fever caused by [illegible] [illegible] Mr-Ap '60
Recent data on neurosecretion and neurohormonal effects in insects. Manfred Gersch. Zhur.ob.biol. 21 no.[illegible] 245-260 Jl-Ag '60

HORMONES, SEX
Some characteristics of the physical [illegible] [illegible] Mr '60

HORSE FLIES see subdivision under Chuvashia

HORSES
Blood picture of horses producing antiplague serum. [illegible]
Morphological composition of the [illegible] [illegible]
Pathomorphological changes in the organs of horses used to produce [illegible]
Study of the [illegible]

HORSES, TROTTING [illegible]
[illegible]

HORSETAIL, FIELD [illegible]

HORTICULTURE see subdivision under Siberia

HORTOBAGY VALLEY—RECLAMATION OF LAND
[illegible] My '60

HOSE—STANDARDS
[High pressure hose [illegible]] [illegible]

HOSIERY
[illegible]
Warp knit [illegible]

HOSIERY INDUSTRY
(See also subdivision under [illegible])
Ways to reduce the waste [illegible] V.M.Vokhmin [illegible] Jl '60

HOSPITAL BEDS
[illegible]

HOSPITALS see subdivision under [illegible]

HOSPITALS—CONSTRUCTION
[illegible]

HOSPITALS—OUTPATIENT SERVICES
[illegible] V.A. [illegible] My '60

HOSPITALS—STAFF see subdivision under Moldavia

HOSPITALS, GYNECOLOGIC AND OBSTETRIC
[illegible] '60

HOSPITALS, RURAL
(See also subdivision under [illegible])
Rybin, P.V. [Organization of hospital work in the rural medical center [illegible] hospital] Organizatsiia [illegible] Gos.izd-vo [illegible] 1959 [illegible] p.
(DNLM)

[illegible] see Geysers

[illegible] WATER HEATING see subdivision under Moscow

[illegible] TAVERNS, ETC. see subdivision under Moscow

[illegible] LABOR

(see also subdivision under Leningrad, Moscow)

[illegible] questions. Polit. [illegible] no. [illegible] My '60.

[illegible] 11 no.6 [illegible] Je '60.

[illegible] to the 7 [illegible]

[illegible] M. P. Ul'ianova, [illegible] Molotova [illegible] 26 [illegible]

[illegible] and a new system of [illegible] of the [illegible] industry of [illegible] A. V. Levin [illegible]

[illegible] Broadcasting Network has [illegible] hour workday. H. M. Anulan. Vest [illegible] 22-21 Ap '60.

[illegible] shortened workday and the [illegible] system for workers of the [illegible] G. M. [illegible]

[illegible] M. Asadi [illegible] no. [illegible] My '60.

[illegible] the people. Polit. [illegible]

[illegible] shortened [illegible] '60.

[illegible] V. [illegible] '60.

[illegible] hour workday [illegible] industry [illegible]

[illegible] workday. V. V. [illegible] '60.

[illegible] workday. B. A. [illegible] Mast.ugl. 9 [illegible]

[illegible] N. P. [illegible]

[illegible] Makarova [illegible]

[illegible] schedule [illegible] Petrovich [illegible] Moskva, Gos. izd-vo [illegible] 1960. 133 p.

[illegible] '60.

[illegible] workday [illegible] '60.

[illegible] to the [illegible] hour workday. [illegible] My '60.

[illegible] facilities. [illegible] My '60.

[illegible] facts and figures. [illegible] '60.

[illegible] N. [illegible] and others. Elek. [illegible] Mr '60.

[illegible] INDUSTRY

[illegible] without interior supports [illegible] Mosk. [illegible] no. 5 29-30 My '60.

[illegible]

[illegible] in 1960. N. IA. Kovalev [illegible] 12 My '60.

[illegible] APPLIANCES

[illegible] appliances will make women's work easier. [illegible] Kosanova. [illegible] vop.trud. no.12:19-22 [illegible]

[illegible]

[illegible] a new house has been built. P. Zlnk. Mast.ugl. 9 no.6 11-14 '60.

[illegible] FINANCE

(see also subdivision under Cherkassy Province)

[illegible] individual housing construction. [illegible] Fin.SSSR 21 no.5:70-74 My '60.

HOUSING—LAWS AND LEGISLATION

From the editor's mail. Sov.iust. no.7:24-25 Jl '60.

HULLS (NAVAL ARCHITECTURE)

Bulb-shaped-stern lines on single screw cargo vessels. V. M. Ivchenko, V. A. Pervov. Sudostroenie 26 no.6 11-12 Je '60.

Critical moment of ship hulls with a transverse system of frame construction. N. I. Lashov. Sudostroenie 26 no.6.12-15 Je '60.

Methods of covering up openings for the passage of bulb iron bars of the framing. A. M. Piskunov. Sudostroenie 26 no.6 61 Je '60.

Welding bulb bar hull frames on copper straps. A. M. Piskunov. Sudostroenie no.7 64-65 Jl '60.

HUMAN ANATOMY see Anatomy, Human

HUMANITIES

Humanities in technical education. M. Wildt. Mir nauki no.7:20 Jl '60.

HUMBOLDT, ALEXANDER, 1769-1859

A. G. Humboldt's visit to Moscow in the spring of 1829. G. I. Pavlova. Vop.ist.est.i tekh. no.9:142-143 '60

HUMIC ACIDS

Oxidation of coals and humic acids under the influence of ultrasonic waves. B. I. Lomov, N. G. Liddan. Dokl AN SSSR 111 no 1 188 189 Jl '60

HUMIDITY

(see also subdivision under Moscow region)

Transparency of a horizontal atmospheric layer in the region from 0.7 - 14μ. Part 2. Dependency of the integral transmission of the atmosphere in the region from 0.7 - 14μ on the thickness of the precipitable water. B. A. Nutipov and others. Izv.vys.ucheb.zav., [illegible] no. 1 [illegible] '60

HUNEDOARA, RUMANIA—STEEL

Steel of Hunedoara. [illegible] Nauka i zhizn' 27 no 5 [illegible] My '60

HUNGARY—AERONAUTICS, COMMERCIAL

Hungarian air transport service is expanding. R. Ronai. Grazhd.av. 17 no.6 [illegible] Je '60.

HUNGARY—ARCHITECTURE, DOMESTIC

Houses of few stories in Hungary. N. Gulianitskii. Zhil.stroi. no.6:25-26 Je '60.

HUNGARY—BIBLIOGRAPHY

[New literature on European people's democracies: Hungary.] Nov. lit. po evrop. stran nar. dem. :Veng. no.5 '60

HUNGARY—INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

Geophysical studies. P. Laszlo. Nauka i zhyttia 10 no.5 [illegible] My '60.

HUNGARY—LABOR AND LABORING CLASSES

What the Hungarian workers say about their living conditions. V. Berezhkov. Nov vrem. 18 no 29 24-27 Jl '60

HUNGARY—MECHANICAL ENGINEERING

Hungarian industrial exhibition in Moscow. Vest. mash. 40 no.7.81-82 Jl '60.

HUNGARY—MOTION-PICTURE PLAYS

On Hungarian screens. György San. Isk kino no.5 148-150 My '60

HUNGARY—PHOTOGRAPHY, ARTISTIC

Thoughts of an art photographer. Laszlo Vamos. Sov. foto 20 no.7:13 Jl '60.

HUNGARY—POLITICS AND GOVERNMENT

The creation of the United Workers' Party in Hungary, 1944-1948. L. N. Nezhinskii. Vop. ist KPSS 4 no 4: 95-112 '60.

Hungarian Liberation Day. I. Rosta. Blok.agit. [1 sn.] no.9 39-45 Mr '60.

HUNGARY—REVOLUTION, 1956

The failure of the fascist accomplices ("Emigrants by profession" by Miklos Szabo. Reviewed by E. Petrunichev) Novyi mir 36 no 6 273-276 Je '60

HUNGARY—SHIPBUILDING

Hungarian ships. Sañca Jozsef. Nauka i zhyttia 10 no.5:55-56 My '60.

HUNGARY—TECHNOLOGICAL INNOVATIONS

In the country of our friends. Toma Adam, Geza Marton. Izobr.i rats. no.8.62 Ag '60.

HUNGARY—TURBODRILLS

Use of small turbodrills in Hungary. G. I. Bobryshev. Neft.khoz. 38 no.6:33-35 Je '60.

HUNGARY—WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

Documents concerning Horthy's foreign policy ("Hungary and the Second World War. Secret diplomatic documents pertaining to the eve and the period of the war" [in Hungarian]. Reviewed by A. Pushkash) Mezhdunar. zhizn' 7 no 8 131-133 Ag '60

HUNTING

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie po delam okhotnich'ego khoziaistva i zapovednikov. [A hunter's manual] Spravochnik egeria. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 247 p.

To be or not to be! M. Semenov. Ogonek 38 no 22 14-15 My '60

HUNTING IN LITERATURE

On hunting grounds. M. Sinel'nikov. Moskva 4 no 7:198 '60.

HUNTING STORIES

Kondrat'ev, S. A. [Unusual incidents in hunting and fishing] Neobychnye sluchai na okhote i rybnoi lovle. Moskva, Gos. izd-vo geogr. lit-ry, 1960. 107 p. (Puteshestviia. Prikliucheniia. Fantastika)

HURRICANES

Calculating possible magnitudes of wind waves in the field of Atlantic hurricanes. V. V. Shuleikin. Izv. AN SSSR Ser. geofiz. no.7:1013-1021 Jl '60.

HUS', JAN, 1369-1415

Jan Hus' last hour. Nauka i rel. no.7:95-96 Jl '60.

HUTTEN, ULRICH VON, 1488-1523

Selected works of Hutten ("Dialogues, articles, letters" by Ulrich von Hutten. Reviewed by I. Vertsman). Vop. lit. 4 no.7:241-244 Jl '60.

HYBRID CORN

(see also subdivision under White Russia)

Dependence of variation in characters in self-pollinated lines of corn on the quality of parent material. N. V. Turbin, L. V. Kedrova-Zikhman. Biul. Inst. biol. AN BSSR no.3:177-181 '58.

Depression in plants of self-pollinated lines of corn S_1 crossed with different parent material. N. V. Turbin, L. V. Kedrova-Zikhman. Biul. Inst. biol. AN BSSR no.3: 182-184 '58.

Early evaluation of the specific combination value of corn lines. Part 1: Studying hybrids S_1 X variety and S_0 X S_0. IU. B. Vakhtin. Biul. Inst. biol. AN BSSR no.3:208-213 '58.

Early ripening of corn lines from one and two years of self-pollination. IU. B. Vakhtin. Biul. Inst. biol. AN BSSR no.3:214-219 '58.

Effect of genetic homogeneity of parent material on the degree of heterosis in corn hybrids. N. V. Turbin, A. N. Palilova. Biul. Inst. biol. AN BSSR no.3:185-189 '58.

Studying the correlation between qualitative features of hybrid seed and the degree of heterosis in corn. A. N. Palilova. Biul. Inst. biol. AN BSSR no.3:202-207 '58.

HYBRIDIZATION

Some problems of heredity in remote hybrids between sheep and goats [with summary in English]. K. Bratanov, V. Dikov. Zhur. ob. biol. 21 no.3:176-188 My-Je '60.

HYBRIDIZATION, VEGETABLE

Following the great innovator. I. E. Glushchenko. Kul't i zhizn' 4 no.6:24-28 '60

Once more on the "invariability" of Mendel's 3:1 ratio; with reference to V. P. Efroimson's article "In spite of the obvious truth." IA. S. Aizenshtat. Biul. MOIP. Otd. biol. 65 no.1:136-142 Ja-F '60.

HYDATIDS

Epidemiology and prevention of echinococcus. N. N. Plotnikov. Fel'd. i akush. 25 no.5:30-31 My '60.

HYDRATES

Heating curves of aluminum oxide trihydrate and phase transformations in the substance in the course of their recording. A. I. TSvetkov, E. P. Val'iashikhina, A. D. Laslkova. Trudy IGEM 42:21-40 '60.

Study of the transformations of salts in hydrate form in solution by the method of electric conductivity [with summary in English]. B. F. Markov, N. Kh. Tumanova. Zhur. fiz. khim. 34 no.7:1534-1542 Jl '60.

HYDRATION

Automatic control of the direct hydration of ethylene. V. V. Aronovich, R. S. Patushinskaia. Khim prom [illegible] 143-147 Mr '60.

HYDRAULIC ENGINEERING

(see also subdivision under China; Poland)

Alluvium as foundation for hydraulic structures. [illegible] Galaktionov. Trudy Gidroproekta 3 7-62 '60.

Experimental investigation of hydraulic fill above [illegible] G. M. Zadvornyi. Izv. VNIIG 58 145-161 '58.

Experimental investigation of the seepage capacit [illegible] hydraulic fill. I. P. Fedorenko. Izv. VNIIG 58: [illegible] '58.

Gogeliia, T. G. [Submerged intakes and buttress [illegible] Donnye i bychkovye vodozabornye plotiny. Tbili [illegible] Gos. izd-vo "Sabchota Sakartvelo," 1959. 125 p

Matlin, G. M. [Technical and economic grounds f [illegible] all waterway dimensions] Tekhniko-ekonomiches [illegible] obosnovanie gabritov vodnykh putei; metodiches [illegible] rukovodstvo. Moskva, TSentr. nauchno-issl. in- [illegible] i ekspluatatsii vodnogo transporta, 1959. 209 p.

HYDRAULIC ENGINEERING (Continued)

New methods for calculating a system of water-level lowering wells in artesian horizons Sh G Mil'khiker, V. M. Shestakov. Trudy Gidroproekta 3 251-268 '60

Nonerosive velocities for noncohesive soils and factors determining them V. S Knoroz. Izv. VNIIG 59 62-84 '58.

Sokolov, E. IA., and N. M. Zinger. [Jet apparatus] Struinye apparaty. Moskva, Gos. energ. izd-vo, 1960. 207 p.

Transverse circulation in an open waterway brought about by a redistribution of the flow. R. Zh. Zhutaev. Izv AN Kazakh. SSR. Ser. energ. no. 2:15-29 '60.

Using hydraulic fill methods in constructing the approaches of a bridge over the Dnieper River. V. A. Podgainov, E. V. Suvorova. Transp. stroi. 10 no 5:22-23 My '60.

Water stage in channels narrowed by hydraulic structures. V. N. Martensen. Izv vys ucheb zav , stroi. i arkhit no 2 106-116 '60

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—DICTIONARIES

Shvets, G. I., and others, comps. [Russian-Ukrainian hydraulic-engineering dictionary, 13 000 terms] Russko-ukrainskii gidrotekhnicheskii slovar'. 13 000 terminov. Kiev, Izd-vo Akad. nauk USSR, 1960. xiv, 192 p.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

Erecting hydraulic structures with use of sectional reinforced concrete cribwork. M. Syroezhin. Rech. transp. 19 no. 5:40-42 My '60.

Industrially sectional construction of navigational sluiceways. V. Krylov, S. Sobolev. Rech. transp. 19 no. 5: 36-38 My '60.

Sectional reinforced concrete for organizing transportation on the Votkinsk Reservoir. V. Gurevich. Rech. transp 19 no. 5:31-32 My '60.

HYDRAULIC ENGINEERING—RESEARCH

Inductive pickup for measuring pulsations of hydrodynamic pressures on structures under natural conditions. N. A. Preobrazhenskii, V. A. Olisov. Izv. VNIIG 59:143-151 '58.

Valuable generalization of experience ("Trudy" of the State Institute for the Design and Planning of Hydraulic Structures. No. 3. Reviewed by L. D. Belyi and others). Gidr. stroi. 30 no. 6:63-64 Je '60.

Work of electrode wave meters. I. IA. Andreichuk, E. A. Genina. Izv. VNIIG 59:193-199 '58.

HYDRAULIC JUMP

Contour of a surface eddy and a transient stream and some velocity characteristics of a bottom hydraulic jump. A. N. Rakhmanov. Izv. VNIIG 59 30-61 '58.

Critical regimen boundaries for an unsubmerged hydraulic jump. M. F. Skladnev. Izv. VNIIG 58 64-84 '58.

Experimental study of the kinematic characteristics of a bottom hydraulic jump L. I. Ilizarova. Soob. AN Gruz. SSR 24 no 3,281-288 Mr '60

Hydraulic jump and conjugate depths under spatial conditions. F. G. Gun'ko. Izv. VNIIG 59.100-119 '58.

HYDRAULIC MINING

(see also subdivision under Alakul'skiy District; Donets Basin; Karaganda Basin; Lugansk Province; Ukraine)

Coal breaking by high pressure water injection into the seam. Li Hai-chou. Izv. vys. ucheb. zav., gor. zhur no. 7:10-18 '60.

Hydraulic conveying of lump coal in plastic-viscous sludge. I. D. Pshenichnyi, V. V. Trainis. Ugol' 35 no. 7:48-53 Jl '60.

"Hydraulic mining" by G. A. Nurok. Reviewed by A. S. Kuz'mich and others. Ugol' 35 no. 7:63-64 Jl '60.

Some problems of the expansion of hydraulic coal mining. A. G. Tkachenko Ugol' 35 no. 6:45-50 Je '60

Systems of underground mining of permafrost placers. S. V. Potenkin. Gor. zhur. no. 7:20-24 Jl '60.

Thawing of placers by means of points with a natural head of water. R. I. Blinnikov. Gor. zhur. no. 7:17-20 Jl '60.

HYDRAULIC MINING—TESTING

Testing the fracturing of coals of the main Kizel anticline by means of a high pressure jet of water. K. M. Shtukaturov. Izv. vys. ucheb. zav.; gor. zhur. no. 7:19-22 '60.

HYDRAULIC MODELS

Hydraulic losses due to friction in pipes made from modeling clay. A. G. Averkiev. Izv. VNIIG 59:200-205 '58.

Method for model studies of water streams with channel deformations. I. I. Levi. Izv. VNIIG 58:3-25 '58.

Study of open streams on air-pressure models. V. M. Liatkher, A. M. Prudovskii. Trudy Gidroproekta 2:78-105 '59.

Use of rigid models in studying deformations of river channels A. D. Khalturin, I. A. Kuz'min Trudy Gidroproekta 2:37-56 '59

HYDRAULIC MODELS—TESTING

Model tests of arch dams. K. M. Khuberian. Gidr. stroi. 30 no. 7:31-35 Jl '60.

HYDRAULIC PRESSES

Hydraulic press for the bending of heavy rails. G. G. Petrenko Ugol' Ukr 4 no 6 37 Je '60

A 1,000-ton capacity hydraulic press. L. F. Vereshchagin and others. Biul. tekh -ekon. inform. no 7,15-17 '60

The P-630 press. E. I. Bychkov. Stroi. i dor. mashinostr. 5 no. 7:27 Jl '60.

Possibility of using plastic solid materials as a working medium in cylinders of powerful hydraulic presses [with summary in English]. L. F. Vereshchagin and others. Inzh.-fiz. zhur. no 7:132-134 Jl '60.

HYDRAULIC PRESSES—TECHNOLOGICAL INNOVATIONS

Modernization of a hydraulic press. I. M. Ivanova. Mashinostroitel' no. 7,17 Jl '60.

HYDRAULIC STRUCTURES

Anchoring concrete construction elements. A. P. Timofeev. Gidr. stroi. 30 no. 7.13-17 Jl '60.

Controlling the accumulation of debris on coarse trash racks of water intakes by flushing them with a reverse stream of water. A. A. Kashintsev. Gidr. stroi. 30 no. 6:28-30 Je '60.

Efficient type of establishment for the manufacture of precast concrete elements for the construction of irrigation systems in the southeast. IU. I. Kochnev Trudy SIMSKII no. 14 109-117 '59.

Limiting the height reached by waves breaking on the flat slopes of earth structures. V. F. Kanarskii. Gidr. stroi. 30 no. 7 38-39 Jl '60.

The necessity of considering block joints in calculating temperature stresses in hydraulic structures R N Petrashen' Trudy Gidroproekta 2 118-131 '59

Solution of plane problems of the elasticity theory in case of the presence of voluminous forces K. I Dziuba Trudy Gidroproekta 2 132-135 '59

"Technical specifications for determining the effect of waves on sea and river structures and shores." Biul. stroi. tekh. 17 no. 7 17-18 Jl '60.

Through the pages of foreign journals. Gidr. stroi. 30 no. 7:57-62 Jl '60.

HYDRAULIC STRUCTURES—CATHODIC PROTECTION

Magnesium alloys for protectors. S. G. Gvozdev, G. I. Il'chenko, T. V. Stepanova. Sudostroenie no. 7:41-45 Jl '60.

HYDRAULIC STRUCTURES—TESTING

Eidel'man, S. IA. [Actual testing of concrete hydraulic structures] Naturnye issledovaniia betonnykh gidrotekhnicheskikh sooruzhenii. Moskva, Gos. energ. izd-vo, 1960. 209 p.

HYDRAULIC STRUCTURES—VIBRATION

Experimental investigations of the effect of the work of spillways on the vibration of hydraulic units and buildings of concentrated-fall hydroelectric power stations. L S Maksimov. Trudy Gidroproekta 2:108-117 '59.

HYDRAULIC TURBINES

(see also subdivision under Bratsk Hydroelectric Power Station; Czechoslovakia)

Developing and investigating new draft tubes of increased effectiveness. Kh. A. Vel'ner. Izv. VNIIG 59:120-142 '58.

Effect of the speed control parameters of hydraulic turbines on the critical area of surge tanks. V. Vitek. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3: 28-36 My-Je '60.

Improving the cavitational qualities of high-pressure working wheels of Kaplan turbines. I. E. Etinberg. Energomashinostroenie 6 no. 7:5-8 Jl '60.

Increasing the effectiveness of low draft tubes of hydraulic turbines. D. I. Kumin. Izv. VNIIG 59:82-99 '58.

Influence degree of the effect of the scale on hydraulic efficiency of reaction turbines under optimum conditions of work. Izv. VNIIG 59:152-163 '58.

HYDRAULIC TURBINES—BLADES

Cavitation fracture and testing of material for the blades of hydraulic turbines. I. R. Kriamin. [Trudy] TSNIITMASH 100:273-292 '59.

Copper steel for the blades of large hydraulic turbines. G. I. Babushkina, I. R. Krianin, V. A. Lapidus. [Trudy] TSNIITMASH 100:311-346 '59.

HYDRAULIC TURBINES—CORROSION

Resistance of steel to cavitation fracture depending on the homogeneity of structure and mechanical features. G. I. Babushkina, I. R. Krianin, M. G. Timerbulatov. [Trudy] TSNIITMASH 100:293-310 '59.

HYDRAULIC TURBINES—MODELS

Modeling transient processes of hydraulic turbines. B. L. Buniatian. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no. 1:29-36 '60.

HYDRAULICS

Characteristics of the hydraulic regimen of streamflow below a small bridge under conditions of restricted expansion M. I Vinogradov. Trudy MIIT no. 107 18-23 '60.

Classification of different types of head and tail water conjugation under spatial conditions for dams with ledges and level aprons and ledgeless dams with sills at the end of the apron. F. G. Gun'ko. Izv. VNIIG 58 85-106 '58.

Discharge and true characteristics of hydraulic mixtures in the suction pipe of the dredge B M Levin Trudy MIIT no 107 28-32 '60

Establishing the nature of streamflow through the waterway opening of a small bridge M I Vinogradov Trudy MIIT no 107-11-17 '60

Estimating the resistance of a flashy stream in the zone of small relative depths. S. A. IAkhontov. Gidr. stroi. 30 no. 6 40-43 Je '60.

Experimental investigation of the pulsation of hydrodynamic loads on the apron plate. G. A. IUditskii. Izv. VNIIG 58 107-123 '58

Graphoanalytical method for plotting velocity fields of a uniform flow in case of a sudden unilateral widening of the channel. V. F. Kanarskii. Gidr. stroi. 30 no. 7:39-43 Jl '60.

Hydraulic calculations of natural mountain streams. E. S. Travinov. Gidr. stroi. 30 no. 7:47-48 Jl '60.

Investigating local channel deformations in the after bay K V Matveev, N A Mikhailova Trudy MIIT no 107 70-80 '60

Investigating the erosion of cohesive grounds. K V Matveev, Shao Hsin-yung Trudy MIIT no 107 84-94 '60

Measuring the discharge of hydraulic mixtures by a full-pressure reversed pipe M I Vinogradov, B M Levin Trudy MIIT no 107 24-27 '60.

Relation between the consistency of the hydraulic mixture and suction parameters. B. M Levin Trudy MIIT no 107 33-46 '60

Velocity distribution across the channel width. Gidr. stroi. 30 no. 7:43-46 Jl '60.

HYDRAZIDES

Organic insectofungicides. Part 65: Synthesis of some alkylarylthiophosphoric acid hydrazides. A. G. Zen'kevich and others. Zhur. ob. khim. 30 no. 7:2317-2319 Jl '60.

HYDRAZINE

Catalytic decomposition of hydrazine on nickel sulfide and its solid solutions. Khuan IU-mei, N. P. Keier, S. Z. Roginskii. Dokl. AN SSSR 133 no. 2:413-416 Jl '60.

Color reaction for hydrazine and substances which liberate hydrazine. G. IA. Vanag, R. A. Zhagat. Dokl. AN SSSR 133 no. 2:362-363 Jl '60.

On the physicochemical investigation of the binary system hydrazineacetic acid. V. I. Semishin. Zhur. ob. khim. 30 no. 7:2436-2437 Jl '60.

HYDRAZO COMPOUNDS

Double protonation of hydrazo compounds does not take place in the course of rearrangement. V. O. Lukashevich Dokl AN SSSR 133 no 1,116-119 Jl '60.

HYDRAZONES

Cyclization of substituted phenyl hydrazones of ethyl α-keto-γ-diethylaminobutyrate by means of E. Fisher's method. A. IA. Berlin, V. N. Zaitseva. Zhur. ob. khim. 30 no. 7:2368-2371 Jl '60.

HYDRIDES—SPECTRA

Force constants and interaction coefficients of pyramidal hydrides. G. I. Rybakova, D. S. Koval'chuk, V. P. Morozov. Opt. i spektr. 9 no. 1:34-39 Jl '60.

HYDROBROMIC ACID

Role of the surface in the macroscopic stages of the reaction of isobutane oxidation in the presence of HBr. A. A. Babaeva, Z. K. Maizus, N. M. Emanuel'. Izv. AN SSSR. Otd. khim. nauk no. 6:976-980 Je '60.

HYDROCARBONS

(see also subdivision under Donets Basin)

Adsorption of hydrocarbon gases and their mixture. V. G. Fastovskii, A. E. Rovinskii. Zhur. prikl. khim 33 no 7 1641-1653 Jl '60.

Basic characteristics of antiwear and antifrictional properties of hydrocarbons subjected to heavy friction. G. V. Vinogradov, V. V. Arkharova. Khim. i tekh. topl. i masel 5 no. 5:45-49 My '60.

Catalytic conversions of alcohols and cyclic hydrocarbons on titanium dioxide. A. A. Tolstopiatova, A. A. Balandin, I. R. Konenko Dokl. AN SSSR 133 no. 1:130-133 Jl '60.

Chemistry of vinylacetylene. Report No. 10: Condensation of vinylacetylenic hydrocarbons with ketones in the presence of sodium hydroxide powder. S. A. Vartanian, G. A. Chukhadzhian. Izv. AN Arm. SSR. Khim. nauki 12 no. 6:413-416 '59.

Conversion of cyclones over aluminosilicates. Report No. 1: Conversion of cyclohexene into tetraalkylbenzene and dimethylnaphthalene hydrocarbons. A. V. Topchiev. and others. Izv. AN SSSR. Otd. khim. nauk no. 6: 1084-1093 Je '60.

Effect of experimental parameters on the chromatographic separation of substances in the gaseous and vapor phases. Part 3: Effect of the structure of silica gel on the separation of gaseous hydrocarbons by volumetric chromatography [with summary in English]. D. A. Viakhirev, N. P. Cherniaev, A. I. Bruk. Zhur. fiz. khim. 34 no. 5:1096-1103 My '60.

Effect of the conjugation energy on the rate of catalytic dehydrogenation of alkylaromatic and alkylhexahydroaromatic hydrocarbons. O. K. Bogdanova, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 133 no. 4: 841-847 Ag '60.

External respiration in patients with bronchial asthma before and following treatment with neobenzinol. G. Kh. Lanin. Kaz. med. zhur. 40 no. 5:73-74 S-O '59.

High temperature conversion of hydrocarbons. IA. S. Kazarnovskii, V. P. Semenov. Gaz. prom. 5 no. 7: 21-25 '60.

Individual analysis of gasoline hydrocarbons by means of a highly effective rectification and gas-liquid chromatography. E. Kerent, Sh. Kostkhel'i. Khim. i tekh. topl. i masel 5 no. 6:63-66 Je '60.

Investigation of hydrocarbon cracking in fused sodium and in potassium hydroxide. A. V. Topchiev and others. Dokl. AN SSSR 133 no. 1:134-137 Jl '60.

Investigating the hydrocarbon composition of reeds. K. M. Mufatov, M. I. Goriaev. Gidroliz. i lesokhim. prom. 13 no. 3:4-6 '60.

Nature of the alkylation of aromatic hydrocarbons by olefins in the presence of $BF_3 \cdot H_3PO_4$. R. N. Volkov, S. V. Zavgorodnii. Dokl. AN SSSR 133 no. 4:843-846 Ag '60.

New method of synthesizing esters of phosphonic and thiophosphonic acids. Part 34: Addition of dialkylthiophosphorous acids and acid esters of ethyl- and phenylphosphonous acids to unsaturated hydrocarbons. A. N. Pudovik, I. V. Konovalova. Zhur. ob. khim. 30 no. 7: 2348-2352 Jl '60.

On the order of addition of water and alcohols to vinylacetylenic hydrocarbons. A. A. Petrov, D. R. Kupin. Zhur. ob. khim. 30 no. 7:2430 Jl '60.

Organoboron compounds. Reactions of 1,2-diaryldiboranes with olefin and diene hydrocarbons. B. M. Mikhailov, V. A. Dorokhov. Dokl. AN SSSR 133 no. 1:119-122 Jl '60.

Properties of binary systems formed by C_8 hydrocarbons. S. K. Ogorodnikov, V. B. Kogan, M. S. Nemtsov. Zhur. prikl. khim. 33 no. 7:1599-1607 Jl '60.

New products from a jet exhaust. L. Kol'tson. Tekh. mol. 28 no. 6:4, 6-7 '60.

Solubilization of water in hydrocarbon solutions of lecithin [with summary in English]. P. A. Demchenko. Koll. zhur. 22 no. 3:297-300 My-Je '60.

Synthesis of the allyl-type bromide $C_7H_{11}Br$, and its condensation by the Grignard-Wurtz reaction. E. B. Sokolova, M. P. Shebanova, A. P. Mrakova. Zhur. ob. khim. 30 no. 7:2161-2164 Jl '60.

Using propane-butane instead of acetylene. Strol. i [illegible] 22 no. 6:28 '60.

HYDROCHLORIC ACID

Electrochemical study of HCl solutions in solvents of low dielectric constants. Part 2 [with summary in English]. E. M. Ryabkov, A. M. Sukhotin. Zhur. fiz. khim. 34 no. 7:1402-1408 Jl '60.

Electrochemical study of solutions of HCl in solvents of low dielectric constants [with summary in English]. E. M. Ryabkov, A. M. Sukhotin. Zhur. fiz. khim. 34 no. 5:981-989 My '60.

HYDROCYANIC ACID

Change of the hydrogen cyanide content of coke-oven gas at different points along the processing line. A. V. [illegible]. Khim. prom. no. 2:104 Mr '60.

HYDRODYNAMICS

Greifman, I. A. [Hydrodynamic resistance and heat emission of rotating solids] Gidrodinamicheskoe soprotivlenie i teplootdacha vrashchaiushchikhsia tel. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 260 p.

Effect of the depth of immersion on the value of the added mass of a ball. V. S. Sabaneev. Uch. zap. LGU no. 280:235-241 '60.

Effect of the depth of immersion on the value of the added mass of an ellipsoid of revolution. V. S. Sabaneev. Uch. zap. LGU no. 280 242-253 '60.

Hydrodynamic characteristics of controllable pitch propellers. A. S. Lodkin, A. A. Rusetskii. Sudostroenie no. 7:9-11 Jl '60.

Hydrodynamic theory of heat transfer applied to liquids with small Prandtl numbers. L. Iu. Artiukh, L. A. Vulis, B. P. Ustimenko. Izv. AN Kazakh. SSR. Ser. energ. no. 2: 34-43 '60.

Kinetic method for the quantitative determination of the gap in reaction systems with different intensities of forced mixing [with summary in English]. O. IA. Polotskii. Inzh.-fiz. zhur. no. 7:127-131 Jl '60.

Particular solutions of linearized equations of planar unsteady movement of a viscous liquid. L. E. Avalishvili. Soob. AN Gruz. SSR 24 no. 4:391-394 Ap '60.

Solving some problems of hydrodynamics with the aid of hydraulic integrators. V. G. Bespalova. Izv. AN Kazakh. SSR. Ser. energ. no. 2:66-75 '60.

To fly as birds do, and swim like fish! G. Balykov. Znan.-sila 35 no. 5:8-11 My '60.

Two types of systems of differential equations for the unsteady flow of water in open channels [with summary in English]. E. P. Kovalenko. Inzh.-fiz. zhur. no. 6: 43-51 Je '60.

unsteady flow with slight rotation inside coaxial cylindrical surfaces. V. Z. Osipov. Soob. AN Gruz. SSR 24 no. 3:273-280 Mr '60.

HYDROELECTRIC POWER *see subdivision under* China

HYDROELECTRIC POWER STATIONS

(see also subdivision under Armenia, Canada; Kiev; Rumania, Tajikistan; also *Bratsk Hydroelectric Power* Station; Bukhtarma Hydroelectric Power Station, Dubossary Hydroelectric Power Station; Kaunas Hydroelectric Power Station; Krasnoyarsk Hydroelectric Power Station, Ladzhanur Hydroelectric Power Station, Mamakan Hydroelectric *Power Station*; Pirttikoski Hydroelectric Power Station; Stalingrad Hydroelectric Power Station; Tsimlyansk Hydroelectric Power Station; Volga Hydroelectric Power Station)

Belikov, E. F., and S. S. Vasilenko. [Engineering surveying in planning and constructing hydroelectric power stations] Inzhenerno-geodezicheskie raboty pri proektirovanii i stroitel'stve gidroelektrostantsii. Pod red. A. S. Filonenko. Moskva, Izd-vo geodez. lit-ry, 1960. 172 p.

"Calculating the settlement *of structures of hydroelectric* power stations" by S. A. Roza. Reviewed by N. N. Maslov. Osn., fund. i mekh. grun. 2 no. 3:29-30 '60.

Damming of the Angara River at the Bratsk Hydroelectric Power Station. A. P. Vasil'ev. Gidr. stroi. 30 no. 6:11-13 Je '60.

Economic arrangement of powerhouses with horizontal generating units for medium head hydroelectric power stations. A. G. Aver'ianova, L. S. Matveev. Gidr. stroi. 30 no. 6:8-11 Je '60.

Enthusiasts of small power plants. M. Tetorin. Nauka i zhyttia 10 no. 6:22-23 Je '60.

Hydraulic stability of hydro plants with surge tanks on the derivation conduit and the tailrace. A. L. Mozhevitinov Izv. VNIIG 56:52-63 '56.

Hydroelectric power station without a dam at a school. B. B. Kazhinskii. Shkola i proizv. 4 no. 6:67-70 Je '60.

Hydroelectric power stations with horizontal generating units. B. K. Aleksandrov. Gidr. stroi. 30 no. 6:4-8 Je '60.

Increasing the effectiveness of ejection by the use of ejection girders in hydroelectric power stations with penstocks. V. I. Shostin. Izv. VNIIG 56:181-192 '56.

Optimum operating modes of hydroelectric and thermal power stations which are under joint year-long control. E. V. TSvetkov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:21-27 My-Je '60.

Possibility of eliminating voltage surge protection for hydraulic generators. N. N. Likontsev, B. M. Pokrovskii. Elek. sta. 31 no. 6:65-67 Je '60.

Speed up the operation of the Bukhtarma Hydroelectric Power Station to full capacity. V. Zakharov, I. Panasenko. Nar. khoz. Kazakh. 16 no. 5:3-6 My '60.

Using arboricides in removing trees and brushwood from the areas to be inundated. IA. M. Velichko, I. V. Shutov. Gidr. stroi. 30 no. 7:35-38 Jl '60.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

Checking device for hydraulic lifts. M. E. TSvik. Elek. sta. 31 no. 4:78 Ap '60.

HYDROGEN

Adsorption of hydrogen on the low-temperature catalysts Pt/Al_2O_3 and Pd/Al_2O_3 in the liquid phase. D. V. Sokol'skii, E. I. Gil'debrand. Dokl. AN SSSR 133 no. 3:609-612 Jl '60.

Behavior of hydrogen in the basic open hearth scrap process. A. K. Omarov, A. E. Khlebnikov. Izv. AN Uz. SSR. Ser. tekh. nauk. no. 3:38-40 '60.

Calorimetric determination of the heat of reduction of ferrites by hydrogen. Part 2. *Reduction of zinc* ferrite. L. A. Reznitskii, K. G. Khomiakov. Vest. Mosk. un. Ser. 2: Khim. 15 no. 1:41-43 '60.

Dependence of hydrogen overvoltage on aluminum on the state of the aluminum surface and concentration of the acid [with summary in English]. A. A. D'iakov, T. I. Kostousova. Zhur. fiz. khim. 34 no. 7:1610-1615 Jl '60.

Effect of anion adsorption on the process of hydrogen ion discharge on palladium, and ionization of hydrogen dissolved in palladium. L. T. Shanina. Dokl. AN SSSR 133 no. 2:417-419 Jl '60.

Effect of diffusing atomic hydrogen on the kinetics of its electrochemical evolution. Part 1 [with summary in English]. I. A. Bagotskaia, L. D. Kovba, A. I. Osha. Zhur. fiz. khim. 34 no. 7:1608-1616 Jl '60.

Equilibrium states in Ti - H and Zr - H systems at low pressures [with summary in English]. V. V. Sof'ina, N. G. Pavlovskaia. Zhur. fiz. khim. 34 no. 5:1104-1109 My '60.

Integral representation of the dispersion formula for the hydrogen atom in the ground state. M. N. Adamov. Dokl. AN SSSR 133 no. 2:315-317 Jl '60.

Kinetics of hydrogen and oxygen adsorption and their reaction on platinum [with summary in English]. P. K. Migal', V. A. TSipliakova. Zhur. fiz. khim. 34 no. 6: 1153-1160 Je '60.

Methods for separating hydrogen in the electrolysis of zinc. A. A. Salin. Vest. AN Kazakh. SSR 16 no. 6:14-22 Je '60.

recoil protons in the scattering of 300 Mev π^--mesons on *hydrogen*. I. M. Vasilevskii, V. V. Vishniakov. Zhur. eksp. i teor. fiz. 38 no. 5:1644-1646 My '60.

Rate of diffusion of electrolytic hydrogen, as affected by the condition of that *side of an iron* membrane where the diffusion begins. I. A. Bagotskaia, L. D. Kovba. Dokl. AN SSSR 133 no. 4:862-865 *Ag '60.*

Simultaneous liberation of a double metallic alloy and hydrogen. B. I. Skirstymonskaia, M. F. *Lantratov* Zhur. prikl. khim. 33 no. 7:1552-1556 Jl '60

HYDROGEN—ANALYSIS

Analysis of fluorine organic compounds, use of pyrohydrolysis for the simultaneous microdetermination of fluorine, carbon, and hydrogen [with summary in English]. N. E. Gel'man, M. O. Korshun, K. I. Novozhilova. Zhur. anal. khim. 15 no. 2:222-226 Mr-Ap '60.

Analysis of fluoroorganic compounds. Simultan*eous* microdetermination of fluorine, carbon, and hydrogen [with summary in English]. N. E. Gel'man, M. O. Kor*shun*, K. I. Novozhilova. Zhur. anal. khim. 15 no. 3: 342-346 My-Je '60.

Automatic control of the hydrogen content of steam-and air producer gas. P. A. Andrianov, N. V. Podbornov. *Gaz.* prom. 5 no. 7:19 '60.

Microdetermination of carbon and hydrogen in double salts of aryl diazonium chloride and metal chlorides. A. S. Zabrodina, A. IA. Levina. Vest. Mosk. un. Ser. 2: Khim. 15 no. 1:55-56 '60.

Simultaneous microdetermination of carbon, hydrogen, and nitrogen in nitro compounds. E. I. Margolis, A. G. Shevkoplias. Vest. Mosk. un. *Ser. 2: Khim.* 15 no. 1: 73-78 '60.

HYDROGEN—DIPOLE MOMENTS

Polarization of a *hydrogen atom in the ground state by* the field of a point charge [with summary in English]. V. P. Shmelev. Zhur. eksp. i teor. fiz. 38 no. 5:1528-1533 My '60.

HYDROGEN—ISOTOPES

Superheavy isotopes of hydrogen and *helium*. V. I. Gol'danskii. Zhur. eksp. i teor. fiz. 38 no. 5:1637-1639 My '60.

HYDROGEN—SPECTRA

Improvement of the spectral method for determining hydrogen in titanium alloys. N. G. Isaev. Zav. lab. 26 no. 5:577 '60.

HYDROGEN-ION CONCENTRATION

Automatic control and regulation of the pH in the production of urea-formaldehyde resins. N. IA. Parlashkevich and others. Plast. massy no. 5:56-59 '60.

Determination of pH with the antimony microelectrode. G. A. Kurella, G. A. Popov. Biofizika 5 no. 3:373-375 '60.

Electrode unit for the remote measurement of pH. A. S. Egorov, L. I. Miakota. Spirt. prom. 26 no. 5:16-17 '60.

HYDROGEN PEROXIDE

Electrochemical and corrosion behavior of semiconductors in solutions of electrolytes. Part 2: Rate of solution of germanium in sulfuric acid in the presence of hydrogen peroxide [with summary in English]. E. N. Paleolog, N. D. Tomashov, A. Z. Fedotova. Zhur. fiz. khim. 34 no. 5:1027-1031 Mr '60.

Solubility isotherm at 30.5° for the ternary system $LiOH - H_2O_2 - H_2O$, and study of lithium peroxide hydrate. T. A. Dobrynina. Izv. AN SSSR. Otd. khim. nauk no. 6:961-965 Je '60.

HYDROGEN SULFIDE

Corrosion of the equipment used in the arsenic-soda process of sulfur removal. I. A. Levin, N. P. Kovalenko. Khim. prom. no. 1:74-76 Ja-F '60.

Determination of sulfide, hydrosulfide, and hydrogen sulfide present simultaneously in pure aqueous solutions [with summary in English]. K. P. Mishchenko, T. A. Tumanova, I. E. Flis. Zhur. anal. khim. 15 no. 2:211-217 Mr-Ap '60.

Effect of hydrogen sulfide on the plasticity of steel [with summary in English]. H. V. Karpenko, V. T. Stepurenko. Dop. AN URSR no. 6:791-794 '60.

Influence of hydrogen sulfide baths on the hemodynamics of hypertension patients as shown by ballistocardiographic data. I. E. Oranskii. Vrach. delo no. 7:121-122 Jl '60.

Influence of inhalations of artificial hydrogen sulfide water on the oscillographic indexes of hypertension patients. A. A. Kravchenko, A. S. Nevraeva. Vrach. delo no. 7:117-119 Jl '60.

Removal of hydrogen sulfide and carbon dioxide from industrial gases. F. IA. Revzin. Khim. prom. no. 1: 48-51 Ja-F '60.

HYDROGENATION

Catalytic hydrogenation of phenols. N. I. Shuikin, L. A. Erivanskaia. Usp. khim. 29 no. 5:648-668 '60.

Derivation of an equation for the kinetics of hydrogenation of benzene by hydrogen in the presence of palladium catalysts [with summary in English]. L. M. Kolesnikov. Zhur. fiz. khim. 34 no. 7:1528-1533 Jl '60.

HYDROGENATION (Continued)

Effect of the content of molybdenum oxide on the activity of alumina-molybdenum oxide catalysts in the process of destructive hydrogenation at low pressure. IA. R. Katsobashvili, A. A. Popov. Zhur. prikl. khim. 33 no. 7:1613-1617 Jl '60.

Effect of the content of nickelous oxide on the activity of alumina - nickel oxide catalysts in the process of destructive hydrogenation at low pressures. IA. R. Katsobashvili, A. A. Popov. Zhur. prikl. khim. 33 no. 7:1607-1613 Jl '60.

Hydrogenation of diethylvinylacetylenecarbinol on platinum and palladium catalysts. T. A. Borodi. Ukr. khim. zhur. 26 no. 3:334-340 '60.

Hydrolytic hydrogenation of cellulose. Gidroliz. i lesokhim. prom. 13 no. 3:17 '60.

Metallic nickel and nickel on aluminum oxide as hydrogenation catalysts. Report No. 1: Study of the characteristics of the reversible change in the activity of metallic nickel catalyst at constant conditions of benzene hydrogenation. A. A. Alchudzhan. Izv. AN Arm. SSR. Khim. nauki 12 no. 6:377-388 '59.

Pilot plant for hydrogenating coal with the purpose of synthesizing chemical products (from "Chemical Products," no. 7, 1959). Koks i khim. no. 5:61 '60.

Some structural problems of hydrogenation catalysis. Part 3. A. N. Mal'tsev and others. Zhur. fiz. khim. 34 no. 6:1190-1199 Je '60.

HYDROGRAPHIC SURVEYING

Determining the velocity and direction of surface currents and water discharges in rivers by aerial methods. B. K. Malinovskii. Meteor. i gidrol. no. 7:[illegible] Jl '60.

Investigating the form of the cross section of a river bed. G. K. Sinitsynskii. Izv. AN Kazakh. SSR. Ser. energ. no. 2:36-46 '60.

Studying the accuracy of vertical intersection. I. G. Leto-val'tsev. Trudy MIIT no. 107:95-97 '60.

Tables for calculating distances of measured points from the main line in intersecting by theodolite. N. Budenkov. Rech. transp. 19 no. 5:45-46 My '60.

HYDROGRAPHY see subdivision under Don Delta, Karelian Isthmus, Mawson Station region

HYDROLOGY

(see also subdivision under Azov, Sea of, Baltic Sea, Barents Sea, Bratsk Hydroelectric Power Station, Caspian Sea, Dnieper Delta region; Don River, Kara Sea, Kuban Delta region, Laptev Sea, Neman Delta region; Northern Dvina Delta region, Pregel Delta region; Stalingrad Province; Terek Delta region, Volga Delta; Weddell Sea)

Use of hydrometeorological data in the design, construction, and operation of hydraulic and other structures in river estuaries and seashore areas. M. N. Kostiakova. Trudy GOIN no. 19:190-215 '60.

HYDROLOGY—BIBLIOGRAPHY see Bibliography—Hydrology

HYDROLOGY—TABLES, CALCULATIONS, ETC.

Accuracy of calculating maximum discharges of water in case of unavailable or deficient hydrometric data. L. A. Kazantsev. Meteor. i gidrol. no. 7:[illegible] Jl '60.

Use of harmonic analysis in working up materials of hydrologic observations. A. D. IAmpol'skii. Izv. AN SSSR. Ser. geofiz. no. 7:1069-1071 Jl '60.

HYDROLYSIS

(see also subdivision under Archangel; Segezha)

Effect of the pyran ring on the acid hydrolysis of cellulose. V. I. Ivanov, N. IA. Lenshina, V. S. Ivanova. Izv. AN SSSR. Otd. khim. nauk no. 6:1130-1138 Je '60.

Hydrolytic decomposition of oxidized coals. R. N. Sultanov. Dokl. AN SSSR 133 no. 2:363-365 Jl '60.

In the Permanent Commission on the Chemical Processing of Plant Materials by Hydrolysis. Gidroliz. i lesokhim. prom. 13 no. 4:31 '60.

Mastering the technology of the production of food glucose from wood. G. I. Gorokhov, I. V. Kornakov. Gidroliz. i lesokhim. prom. 13 no. 5:26-30 '60.

Means of lowering the costs of furfurole produced by hydrolysis plants in operation. A. I. Lozkov and others. Gidroliz. i lesokhim. prom. 13 no. 4:21-[illegible] '60.

Production of furfurylideneacetone from vapor condensates formed in the spontaneous evaporation of hydrolyzates. G. K. Utkin. Gidroliz. i lesokhim. prom. 13 no. 4:15-16 '60.

HYDROMAGNESITE see subdivision under Okurtau range

HYDROPEROXIDE

Thermal decomposition of cumene hydroperoxide in solubilized aqueous solutions [with summary in English]. R. V. Kucher, S. D. Kaz'min. Dop. AN URSR no. 6:817-820 '60.

HYDROPEROXIDES—SPECTRA

Characteristic frequencies of the C-O-O-H hydroperoxide group. M. A. Kovner, A. V. Karyakin, A. P. Efimov. Opt. i spektr. 8 no. 1:128-130 Ja '60.

HYDROPHOBIA see Rabies

HYDROQUINONE

New state standards for anhydrous sodium sulfite and hydroquinone (paradioxybenzol). Tekh. kino i telev. 4 no. 6:73 Je '60.

HYDROSTATICS

Hydrostatic method of measuring the compressibility of liquids at high pressures. A. D. Ekhlakov, K. P. Rodionov. Fiz. met. i metalloved. 9 no. 6:942-945 Je '60.

HYDROXYL GROUP

Determination of phenolic hydroxyl groups in commercial lignins by the potentiometric method [with summary in English]. M. I. Chudakov, G. D. Georgievskaia. Zhur. anal. khim. 15 no. 3:347-352 My-Je '60.

HYDROXYLAMINE

Hydroxylamine perchlorate. A. A. Zinov'ev, I. A. Zakharova. Zhur. neorg. khim. 5 no. 4:775-777 Ap '60.

HYDROZOA

Cell migrations in the morphogenesis of the hydroid polyp Campanularia integra [with summary in English]. L. V. Belousov. Zhur. ob. biol. 21 no. 1:270-280 Jl-Ag '60.

Naumov, D. V. [Hydroids and hydromedusae in marine, brackish, and fresh-water basins of the U. S. S. R.] Gidroidy i gidromeduzy morskikh, solonovatovodnykh i presnovodnykh basseinov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 585 p. (Opredeliteli po faune SSSR, no. 70)

HYGIENE

University of health and beauty. Smena 37 no. 13:20-27 Jl '60.

HYGROMETRY

Council on the coordination of scientific work on peat. Torf. prom. 37 no. 4:37 '60.

Electric sorption hygrometer. G. I. Vishnevskii, I. I. Vishnevskii. Vod. i san. tekh. no. 7:18-[illegible] Jl '60.

HYPERFRAGMENTS—DECAY

Anomalous decays of hyperfragments [with summary in English]. S. A. Azimov and others. Zhur. eksp. i teor. fiz. 38 no. 1:697-702 Mr '60.

HYPERTENSION

(see also subdivision under Baku)

Blood protein fractions in hypertension patients. A. K. Kurbanbaev. Med. zhur. Uzb. no. 1:[illegible] '60.

Combined treatment of hypertension with extract of the root of Rumex confertus and hexonate. H. I. Shevchenko. Vrach. delo no. 7:[illegible] Jl '60.

Condition of the pancreas in patients with hypertension. N. A. Zhukov. Vrach. delo no. 7:136 Jl '60.

Dispensary observation of hypertension patients. P. N. Maklakova. Vrach. delo no. 6:577-579 Je '60.

Dispensary observation of hypertension patients at a rural medical center. M. I. Latula. Vrach. delo no. 7:[illegible] Jl '60.

Dynamics of the working capacity of persons invalided by hypertension as shown by data of the Leningrad Medical Experts' Commission on Workers' Disability. M. IU. Magaril. Trudy LIETIN 2:345-[illegible] '59.

Effect of degeneration of the kidneys on the blood pressure level in dogs with experimental hypertension originating in the central nervous system [with summary in English]. N. I. Redko. Fiziol. zhur. [Ukr.] 6 no. 2:235-239 '60.

Functional state of the cerebral cortex in hypertension as revealed by electroencephalograms. D. A. Markov, S. E. Ginzburg. Trudy Inst. fiziol. AN BSSR 3:93-102 '59.

Improving the quality of disability evaluation in hypertension as shown by data from Leningrad from 1953 to 1955. M. IU. Magaril. Trudy LIETIN 2:340-344 '59.

Influence of hydrogen sulfide baths on the hemodynamics of hypertension patients as shown by ballistocardiographic data. I. E. Oranskii. Vrach. delo no. 7:[illegible] Jl '60.

Influence of inhalations of artificial hydrogen sulfide water on the oscillographic indexes of hypertension patients. A. A. Kravchenko, A. S. Nevzorova. Vrach. delo no. 7:117-119 Jl '60.

Initial entrance on disability on account of hypertension. M. IU. Magaril. Trudy LIETIN 2:332-339 '59.

Orthostatic changes in arterial pressure and in the oscillometric index in hypertension patients. V. M. Makotchenko. Vrach. delo no. 7:[illegible] Jl '60.

Peculiarities in the course of gastric and duodenal ulcer when combined with hypertension. O. S. Radbil'. Kaz. med. zhur. 40 no. 5:17-19 S-O '59.

Permeability of the capillaries and the volume of extracellular liquid in hypertension patients in the neurogenic stage. M. G. Sheverda. Vrach. delo no. 7:115-116 Jl '60.

Prehypertonic condition. I. A. Ryvkin. Vrach. delo no. 7:23-24 Jl '60.

Principles and some methods of treating hypertension. TS. A. Levina. Vrach. delo no. 7:3-9 Jl '60.

Ratner, N. A. [Hypertension] Gipertonicheskaia bolezn'. Moskva, Gos. izd-vo med. lit-ry, 1959. 37 p. (Biblioteka srednego medrabotnika)
(DNLM)

Salt load as a [illegible] hypertension. S. S. Nevel'son. Vrach. delo no. 7:116-117 Jl '60.

Significance of emotional influences on blood circulation in hypertension. P. V. Butanov. Voen.-med. zhur. no. 5:61-64 My '60.

Some biochemical indexes of the blood serum in hypertension patients and their changes during treatment. I. N. Rodionova. Vrach. delo no. 7:[illegible] Jl '60.

Some hemodynamic indexes in hypertension patients in the neurogenic stage. [illegible] Vrach. delo no. 7:117-118 Jl '60.

Treatment of hypertension with dibazole combined with preparations of [illegible]. A. V. [illegible] Vrach. delo no. 7:[illegible] Jl '60.

Treatment of hypertension with rauwolfia preparations. P. T. [illegible], IU. D. [illegible], A. P. [illegible] Vrach. delo no. 7:[illegible] Jl '60.

Use of preparations of Rauwolfia serpentina in the treatment of hypertension. [illegible] Vrach. delo no. 7:[illegible] Jl '60.

Use of small doses of [illegible] in treating hypertension [with summary in English]. [illegible] Vrach. delo no. 7:[illegible] Jl '60.

Use of the newest hypotensive drugs in hypertension and the problems of [illegible]. [illegible] Vrach. delo no. 7:[illegible] Jl '60.

HYPNOTISM—THERAPEUTIC USE

Hypnotic suggestion [illegible]

HYPODERMIC NEEDLES

Simple method for sharpening hypodermic needles. [illegible] Med. sestra 19 no. [illegible] Ap '60.

HYPOGLYCEMIA

[illegible]

HYPOPHOSPHITES

[illegible]

HYPOTENSION

[illegible] [with summary in English] [illegible]

HYPOTHERMIA

Certain reactions in the organism in [illegible] hypothermia of the brain [with summary in English]. [illegible] G. A. [illegible] Biul. eksp. biol. i med. 49 no. [illegible]

"Hypothermia" [illegible] A. A. Kolpakov, M. I. [illegible] Fiziol. zhur. [Ukr.] 6 no. 2:274-275 '60.

HYSTERIA

Popov, E. G. [illegible] 1960. 103 p.
(DNLM)

IABLONSKAIA, TAT'IANA NILOVNA

A happy and fortunate artist. [illegible] no. 8:[illegible] Ag '60.

IANCHEVSKII, MIKHAIL [illegible]

[illegible]

IAROV, GRIGORII MARKOVICH, [illegible]

[illegible]

IAROSLAVSKII, EMEL'IAN, [illegible]

Koban, V. A. [illegible] 1918 and 1919] [illegible] 1918-1919 [illegible] 244 p.

IASHUKEVICH, STANISLAV MIKHAILOVICH [illegible]

[illegible]

ICE

(see also subdivision under [illegible] Mirny region, Antarctica [illegible])

Elastic properties of [illegible] Central Altai [illegible]

[illegible]

[illegible]

Use of aerial photography in determining the average thickness of [illegible] V. B. [illegible] Probl. Arkt. i Antarkt. no. 1:[illegible] '60.

[illegible] PROPERTIES
[illegible] of the surface of drift ice. N.N.Briazgin. Probl. [illegible] Antarkt. no.1:37-39 '60.

[illegible]
[illegible], M.M., and E.B.Berkovich. [Studying the [illegible]] [illegible] Moskva, [illegible] Akad. nauk SSSR, 1960. 48 p.

[illegible] THERMAL PROPERTIES
[illegible] and heat flows in the ice cover. A.V.IAkon. [illegible] Arkt. i Antarkt. no.1:40-50 '60.

[illegible]
[illegible] subdivision under Canada)
[illegible] propulsion [illegible] ships [illegible] V.N.[illegible] Trudy NTO sud. [illegible]

[illegible]
[illegible] subdivision under Magnitogorsk)
[illegible] in the production of [illegible] My-Je '60.

[illegible] EQUIPMENT AND SUPPLIES
[illegible] [with summary in English] [illegible] My-Je '60.
[illegible] temperature [illegible] N. [illegible] My-Je '60.

[illegible] LAKES, ETC.
[illegible] of the ice cover on the [illegible] A.I.Derevn[illegible] Trudy [illegible]
[illegible] (1923- U.S.S.R.) Gosudarstvennyi komitet [illegible] [Technical specifications for [illegible] on river structures, [illegible] 76-59] [illegible] nagruzok [illegible] 76-59. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. [illegible]
[illegible] electric melting [illegible] '60.
[illegible] formation of [illegible] water supply [illegible] A.I.Derevn[illegible] Trudy [illegible] '60.

[illegible] see subdivision under Zakataly [illegible]

[illegible] RESEARCH
[illegible] Trudy Inst. [illegible] no.37:161-163 '60.
[illegible] Trudy Inst. [illegible] no.37:5-9 '60.
[illegible] the age and growth of fishes" by [illegible] Reviewed by [illegible] Zool. zhur. [illegible] Je '60.

[illegible] see subdivision under [illegible] (City)

[illegible] see Jaundice

[illegible]
[illegible] against [illegible] B.IU.Gamburg. Nauka i zhizn' [illegible] Je '60.
[illegible] of idealism. [illegible] Popova. Nauka i [illegible] Je '60.

[illegible]
[illegible], structure, and functions of the ideal man concept [illegible] L.B.Itel'son. Dokl. APN no.4:83-86 '60.

[illegible], ALEKSANDR MIKHAILOVICH, 1879-
[illegible] on his 80th birthday. [illegible] Vop. [illegible] no.3:164-165 '60.

[illegible] see also subdivision 'Rocks, Igneous' under [illegible] region; Chatkal Range, Chava Valley, [illegible] Karkaralinsk region, Khadabanchhan Valley, [illegible], Kurama Range, [illegible] region, [illegible] Alta' Range, Tsupsa District

[illegible]
[illegible] of Meckel's diverticulum as a cause of "acute [illegible]" A. A. Plavinskii. [illegible] 4 no.3 [illegible]

[illegible] SPARROWS
[illegible] sparrow in the Ili Delta in [illegible] Trudy Inst. zool. AN Kazakh. [illegible]

[illegible] TITMICE
[illegible] in the Ili Delta [illegible] Trudy Inst. zool. AN Kazakh. [illegible] 13 [illegible]

[illegible] AGRICULTURE
Natural [illegible] and the agricultural development of Ili [illegible] Alma-Ata Province. K.A.Kasanskaia. Trudy Inst. geog. AN Kazakh. S.S.R. no.6:34-61 '60.

[illegible] PHYSICAL GEOGRAPHY
Natural [illegible] and the agricultural development of Ili [illegible] Alma-Ata Province. K.A.Kasanskaia. Trudy Inst. geog. AN Kazakh. S.S.R. no.6:34-61 '60.

ILI VALLEY—GEOLOGY, STRATIGRAPHIC
Marine Paleogene deposits of the Ili Depression. S.E. Chakabaev. Dokl. AN SSSR 133 no.4:925-927 Ag '60.

ILI VALLEY—PARASITES
Formation of the contemporary fauna of parasites infesting fishes in the Balkhash-Ili Basin. E.V.Gvozdev, A.I.Agapova. Trudy Inst. zool. AN Kazakh. SSR 12 183-191 '60.

ILI VALLEY—PHYSICAL GEOGRAPHY
Natural regions of the lower Ili River basin and some problems involved in their economic utilization. A.V. Popov. Trudy Sekt. geog. AN Kazakh. S.S.R. no.6:95-115 '60.

ILLITERACY see subdivision under Azerbaijan

ILLUSIONS, OPTICAL see Optical illusions

ILLUSTRATION OF BOOKS
The composition of pictorial development. O.A.Kamkin. Uch. trud. MZPI no.6 251-274 '59.

IL'MEN PRESERVE
[Il'men' Preserve] Il'menskii zapovednik. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 140 p.

ILMENITE
(see also subdivision under Selenga Valley)
Smelting ilmenite concentrates for the preparation of rich titanium slag. V.IU.Kraniuk. TSvet. met. 33 no.5. 49-56 My '60.

ILMENORUTILE see subdivision under Siberian Platform

IL'MENSKIYE MOUNTAINS—FELDSPAR
Feldspars from alkaline pegmatites of the Il'menskiye Mountains. L.L.Solodovnikova. Uch. zap. LGU no.291:3-63 '60.

IMANTAU REGION—PHYSICAL GEOGRAPHY
Relief types of the Imantau region, Northern Kazakhstan. M.Zh.Zhandaev. Trudy Sekt. geog. AN Kazakh. S.S.R. no.6:104-108 '60.

IMMUNITY
Biological aspect of the problem of the types of the nervous system. D.P.Pletsytyi. Fiziol. zhur. [Ukr.] 6 no.3:303-304 My-Je '60.
Experimental study of immunity in laboratory animals of different age groups; strobilocercosis of mice. R.S. Shul'ts, N.K.Andreeva. Trudy Inst. zool. AN Kazakh. SSR 12:104-108 '60.
Immunization of farm animals against helminthiases. V.S.Ershov. Trudy Inst. zool. AN Kazakh. SSR 12 96-103 '60.
Mechanism of immunity in tularemia. Report no.1: Immunity following vaccination with an attenuated strain in conjunction with the use of antibacterial doses of streptomycin. V.I.Titova, E.P.Potapova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14 60-65 '57.
Muscular phase of acquired immunity in trichinosis. K.P. Matov. Trudy Gel'm. lab. 10:134-143 '60.
Streptomycin therapy following experimental BCG vaccination and its influence on the development of immunity. F.F.Chernushenko. Pat., klin. i terap. tub. no.8:16-19 '58.
Streptomycin therapy in experimental primary minimal tuberculosis infection and its influence on the formation of immunity. F.F.Chernushenko. Pat., klin. i terap. tub. no.8:20-24 '58.
Survival time of the causative agent of tularemia in immune white mice. N.D.Altareva, E.P.Potapova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14 53-59 '57.

IMMUNOLOGY
In the epidemiological section of the Medical Council. V.F.Korsatelov. Voen.-med. zhur. no.6:93-94 Je '60.

IMPEDANCE (ELECTRICITY)
Some characteristics of the acoustic impedance method of flaw detection. IU.V.Lange. Zav. lab. 26 no.7:842-847 '60.

IMPLEMENTS, UTENSILS, ETC.
Design and purpose of certain iron articles. R.L. Rozenfel'dt. Sov. arkheol. 4 no.2:276-279 '60.
Methods and norms for strength calculation of vessels and apparatus. IA.V.Shuliko. Standartizatsiia 24 no.6:13-16 Je '60.
On the development of primitive implements. D.M. Karov. Trudy Inst. etn. 54:3-70 '60.

IN-SERVICE TRAINING see Employees, Training of

INBER, VERA MIKHAILOVNA, 1890-
A great name. Sergei Vasil'ev. Ogonek 38 no.26 24 Jl '60

INCOME
Criticism of the bourgeois theory of national income. V.Kudrov. Nauch. dokl. vys. shkoly; ekon. nauki no.2: 120-129 '60.

INCOME TAX
Abolition of taxation. V.Fedoritov. Blok. agit. [Len.] no.15:9-17 My '60.
Abolition of taxes and some problems facing the local soviets. D.Burmistrov. Sov. deput. trud. no.7:93-95 Jl '60.
Abolition of taxes paid by workers and employees. E.A. Glovinskii. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no.1:1-16 Jl '60.
Cancellation of taxes is an important new measure for raising the national welfare. Neftianik 5 no.6.1 Je '60.
Everything for man, everything for the people. Polit. samoobr. 4 no.5.3-8 My '60.
For our people. Blok agit [Ukr.] no.14 1-8 My '60.
It is possible only under socialism. S.Figurnov. Polit. samoobr. 4 no.6 22-29 Je '60.
Socialism abolishes taxation. V.I.Zahorodnii. Nauka i zhyttia 10 no.7:4-6 Jl '60.

INCOME TAX—AUDITING AND INSPECTION
Auditing collective farm income tax payments. V.Samorlov, V.Paevskii. Fin. SSSR 21 no.5 81-85 My '60.

INDAN
Synthesis of trans-1-hydroxy-1-acetoxyacetyl-6-acetoxy,-4,5(4'-methoxy-benzo) hydrindan, an analog of corticoid hormones. G.S.Grinenko, V.I.Maksimov, V.I.Aksenova. Dokl. AN SSSR 133 no.1:102-105 Jl '60.

INDAN—SPECTRA
Electronic absorption spectra of some indan homologs. M.M.Kusakov, E.A.Prokof'eva, M.V.Shishkina. Opt. i spektr. 8 no.1 27-35 Ja '60.

INDANCARBOXYLIC ACID
Stereochemistry of cyclic compounds. Report No. 23: Syn-cis-Δ^7-hydrindene-4,5-dicarboxylic acid and its stereospecific conversions. V.F.Kucherov, E.P.Serebriakov. Izv. AN SSSR. Otd. khim. nauk no.6:1057-1065 Je '60.

INDEX NUMBERS (ECONOMICS)
TSeitlin, M.A. [Problems of compiling indices of industrial production] Voprosy postroeniia pokazatelei promyshlennoi produktsii. Moskva, Gosstatizdat, TSSU SSSR, 1960. 102 p.

INDEXES, CARD see Card system in business

INDIA—ARTERIOSCLEROSIS
"Anticholestrin." Znan. sila 35 no.7:50 Jl '60.

INDIA—COMMERCE
A book on commerce in India ("Studies on commerce in India" by P.N.Fedorov. Reviewed by IU.Nasenko) Sov. torg. 33 no.7 41-43 Jl '60

INDIA—COMMERCE—RUSSIA
A profitable contract. Nov. vrem. 18 no.31:21 Jl '60.

INDIA—DESCRIPTION AND TRAVEL
Babochkin, B.A. [A month in India] Mesiats v Indii. [Moskva] Gos. izd-vo, 1959. 150 p., illus.
"...How much our small planet is one whole..." ("India, Japan, Greece." by Il'ia Ehrenburg. Reviewed by G. G.Belaia). Novyi mir 36 no.7:265-267 Jl '60.

INDIA—ECONOMIC CONDITIONS
Dawn of India. V.Skorobogatov. Nar. khoz. Kazakh. 18 no.5:83-88 My '60.
Hopes and hardships. Sahib Singh Sokhei. Sovr. Vost. no.7:20-21 Jl '60.

INDIA—ECONOMIC GEOGRAPHY
"Western India; an economic geography" by L.A.Kniazhinskaia. Reviewed by A.M.Riabchikov. Vest. Mosk. un. Ser. 5: Geog. 15 no.3:75 My-Je '60.

INDIA—ECONOMIC POLICY
Keynesian theories or the experience of socialist states [with English summary in insert]. R.Ul'ianovskii. Sovr. Vost. no.7:27-29 Jl '60.

INDIA—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN
From the history of British penetration into India. A.IA. Levin. Uch. zap. GGU no.51:5-22 '59.

INDIA—LABOR AND LABORING CLASSES
Pokataeva, T.S. [Condition of the working class in India] Polozhenie rabochego klassa Indii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 185 p.

INDIA—LEOPARDS
The man-eating leopard "Leopard from the Rudraprayag" by Jim Corbett. Reviewed by I.Shishkin). Sem'ia i shkola 15 no.5 37 My '60.

INDIA—POWER ENGINEERING
Review of Indian power engineering. IU.M.Novikov. Energokhoz. za rub. no.3 1-9 My-Je '60

INDIA—RELATIONS (GENERAL) WITH CHINA
Books on Indo-Chinese cultural relations ("India and China, a study of cultural relations" [In English] by K.M.Panikkar. Reviewed by L.S.Kiuzadzhian). Vest. ist. mir. kul't. no.2:128-134 Mr-Ap '60.

Friendship. Ukraina no.11:2 Jl '60.

INDIA—TECHNICAL ASSISTANCE, RUSSIAN
Hopes and hardships. Sahib Singh Sokhei. Sovr. Vost. no.7:20-21 Jl '60.

INDIAN OCEAN (MADAGASCAR REGION)—SUBMARINE TOPOGRAPHY
A new discovery by "Vitiaz." Vokrug sveta no.6:7 Je '60

INDIANS OF NORTH AMERICA see subdivision under Oklahoma

INDIANS OF NORTH AMERICA—DWELLINGS see subdivision under Mesa Verde National Park

INDICATOR PLANTS
Relations between the soil and vegetative cover of the northeastern coast of the Caspian Sea and the salinity and moisture conditions [with summary in English]. L. N. Tagunova. Biul MOIP. Otd biol. 65 no.1:61-70 Ja-F '60.

INDICATORS AND TEST PAPERS
Characteristic properties of salicylaldehyde semicarbazone used as a luminescent acid-base indicator. P. A. Bozhevol'nov, G. V. Serebriakova. Trudy IREA no.23: 116-123 '59.
Relation between the fluorescence of organic luminescent indicators and reagents and their structure. E. A. Bozhevol'nov. Trudy IREA no.23:147-165 '59.

INDIUM
Properties of metallic solutions. Part 6: Effect of adding indium and germanium on the surface tension and microstructure of tin [with summary in English]. N. L. Pokrovskii, D. S. Tissen. Zhur. fiz. khim. 34 no.6 1238-1241 Je '60.

INDIUM—ANALYSIS
Photometric determination of gallium and indium by quercetin. I. P. Alimarin, A. P. Golovina, V. G. Torgov. Zav. lab. 26 no.6:709 711 '60.

INDIUM ANTIMONIDE
Problem of preparing indium antimonide of high purity. M. S. Mirgalovskaia, L. I. Matkova. Zhur. neorg. khim. 5 no.7:1551-1554 Jl '60.

INDOLACETIC ACID
Effect of environmental conditions on the concentration of nitrogenous substances in kidney bean nitrogen treated with heteroauxine. I. V. Rantova. Biul Glav. bot. sada no.36:66-71 '60.

INDOLE
Cyclization of substituted phenylhydrazones of ethyl α-keto-γ-diethylaminobutyrate by means of E. Fisher's method. A. IA. Berlin, V. N. Zaitseva. Zhur. ob. khim. 30 no.7:2368 2371 Jl '60.
Indole derivatives. Report No.1. Dialkyl[β-alkyl-γ-(2-methyl-3-indolyl)]propylamines. A. L. Mndzhoian and others. Izv. AN Arm. SSR Khim. nauki 13 no.1: 69-75 '60.
Synthesis of N-(d-β-tetraacetylglucopyranosyl)-indole. N. N. Suvorov, M. N. Preobrazhenskaia. Zhur. ob. khim. 30 no.7:2434-2435 Jl '60.

INDONESIA—BIBLIOGRAPHY see Bibliography—Indonesia

INDONESIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
R. H. Djuanda in the Soviet Union. Ogonek 38 no.28:5 Jl '60

INDONESIA—FOREIGN RELATIONS—RUSSIA
A distinguished guest from Indonesia. Sovr. Vost. no.7:5 Jl '60.
A friendship of mutual benefit. Nov. vrem. 18 no.29:9 Jl '60
The spirit of fighting humanism. Pramoedya Ananta Toer. Inostr. lit. no.8:217-219 Ag '60.

INDONESIA—MONEY
Monetary system of Indonesia. O. Kulikov. Den. i kred. 18 no.8:72-78 Ag '60.

INDONESIA—POLITICS AND GOVERNMENT
A distinguished guest from Indonesia. Sovr. Vost. no.7:5 Jl '60.
Indonesia. V. Vart-Baronian. Otv. na vop. trud. no.14: 44-52 '60.

INDONESIA—RURAL CONDITIONS
Plantations are one of our main treasures. Setiati Surasto. Zhen. mira no.6:23-25 '60.

INDONESIA—WORLD WAR, 1939-1945
Political and governmental regime in Indonesia during the Japanese occupation. L. IA. Dadiani. Uch. zap. Kaf gos. prava IMO no.1:97-119 '60.

INDUCTION (ELECTRICITY)
Use of induction generators on ships. K. P. Iorzh, V. P. Zimitrev, V. N. Preobrazhenskii. Sudostroenie no.7: 43-45 Jl '60.
Dependence of carbon concentration in the solid solution of tungsten steel on induction heating parameters. I. N. Kidin. Sbor. Inst. stali no.39:305-321 '60
Gluing panels in a high frequency current field (from "Woodworking Industry" no.3, 1959). Der. prom. 9 no.5:30 My '60
Gluing parts on a hydraulic press with heating by high frequency currents. V. P. Konstantinov. Sudostroenie no.7:60-61 Jl '60
Kinetics of the isothermal transformation of austenite in roller bearing steel prepared with use of induction heating. I. N. Kidin, IU. A. Bashnin, K. S. Lechilevich. Sbor. Inst. stali no.39:281-296 '60.
Pipe bending unit with high frequency heating. P. M. Kozlovskii. Mont. i spets. rab. v stroi. 22 no.7:21-23 Jl '60.
Using high frequency currents for pipe welding. R. Golovkin. Tekh. mol. 28 no.6 Jl '60.

INDUSTRIAL ACCIDENTS
Method for teaching the course "Principles of safety engineering and fire protection" in institutions of higher education. N. Solovtev. Izv. vys. ucheb. zav.; sel'. i gor. 3 no.6:135-136 '60

INDUSTRIAL BUILDINGS
Problems in the further development of precast reinforced concrete used in industrial construction. K. B. Kartashov, V. G. Mikhailov, N. M. Mulin. Prom. stroi. 38 no.7:2-5 '60.

INDUSTRIAL CLOTHING see Work clothes

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL COUNCILS see Works councils

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS see subdivision under United States

INDUSTRIAL EQUIPMENT
(see also subdivision under United States)
Pavlov, P. M. [Technological progress and the renovation of fixed assets] Tekhnicheskii progress i obnovlenie osnovnykh fondov. [Leningrad] Lenizdat, 1960. 53 p. (Bachatskoie ekonomika promyshlennosti)

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR
Improving the organization of maintenance, repair, and operation of industrial equipment. Biul. tekh.-ekon. inform. no.7:73-77 '60

INDUSTRIAL HYGIENE
(see also subdivision under Baku; Bashkiria; Latvia; Ul'yanovsk Province)
Everything for man. V. I. Zhigalin, S. A. Afanas'ev, K. M. Gerasimov. Zdorov'e 6 no.6:1-3 Je '60
Follow up on our articles. Okhr. truda i sots. strakh. 3 no.5:33-35 My '60
Green leaves are rustling. V. Kostiuk. Okhr. truda i sots. strakh. 3 no.6:10-11 Je '60
Industrial hygiene? This is not our field. I. Kotli... Okhr. truda i sots. strakh. 3 no.6:16-17 Je '60
Introduction of new technology and further tasks in the improvement of labor conditions. Z. D. Gorkin, I. D. Popov. Vrach. delo no.6:611-614 Je '60
Prevention of disability in bronchiectasis. M. I. Khvilivitskaia, V. P. Bogomazova. Trudy LIETIN 3:71-79 '60.
"Regulations on safety techniques and industrial hygiene in the manufacture of acetylene and oxygen and in the flame machining of metals." Reviewed by I. Z. Dolgin. Svar. proiz. no.7:15-16 Jl '60.
School of training—school of communism. Okhr. truda i sots. strakh. 3 no.5:1-5 My '60
Worries of foreman Bandiukov. V. Karpushchenko. Okhr. truda i sots. strakh. 3 no.6:51-53 Je '60

INDUSTRIAL HYGIENE—BIBLIOGRAPHY see Bibliography—Industrial hygiene

INDUSTRIAL HYGIENE—PERIODICALS
(see also subdivision under Czechoslovakia)
Frank talk. V. Volodin. Okhr. truda i sots. strakh. 3 no.6:75 Je '60

INDUSTRIAL LAWS AND LEGISLATION
Some legal problems in the work of industrial enterprises. I. I. Dadonov, V. K. Martynov. Sov. gos. i pravo no.7: 74-77 Jl '60.
Technological progress and some legal problems concerning the improvement of the quality of production. Kh. F. Bakhchisaraitsev. Sov. gos. i pravo no.7:68-71 Jl '60

INDUSTRIAL MANAGEMENT
(see also subdivision under Europe, Eastern; Kirghizistan, Leningrad, Moscow; Odessa; Udmurt A.S.S.R. Ural'sk)
Automatic calculating machines as an important means for the improvement of economic planning. V. Belkin. Polit. samoobr. 4 no.5:125-131 My '60.
Discussing of Professor M. V. Dmitriev's book "Accounting and the analysis of the managerial operation of an industrial enterprise." Bukhg. uchet 17 no.6:60-64 Je '60.
[illegible]
In the State Committee of Automation and Machinery Manufacture attached to the Council of Ministers of the U.S.S.R. Mekh. i avtom. proizv. 14 no.6:58 Je '60.
Pamphlets for applied ... students. [illegible] 117-119 ... '60
The ... organization of labor ... [illegible]
Theoretical and practical conference at the ... Bearing Plant ... [illegible]
What kind of ... [illegible]
Zilt, IA. A. [Soviet ... control] [illegible] ... 1960 ... p.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING
[illegible]
[illegible]
Materials for the ... [illegible]
Methodological ... [illegible]

INDUSTRIAL ORGANIZATION
(see also subdivision under ...)
[illegible]
Production specialization ... for present day conditions ... [illegible] Ag '60
[illegible]
Talachan, H. A. [illegible]

INDUSTRIAL PROCUREMENT
Organization of the supply of materials ... N. Vasil'ev, N. ... [illegible] Jl '60

INDUSTRIAL PSYCHOLOGY see Psychology, Industrial

INDUSTRIAL RELATIONS
[New forms of ... [illegible]

INDUSTRIAL SAFETY
(see also subdivision under ...)
Sheremetevskaia, O. I. ... [illegible] ... [Leningrad] Medgiz, 1960 ... p. (Bibliotechka prakticheskogo vracha)
[illegible]

INDUSTRIAL STATISTICS
Aluk, H. A. [illegible]
Vilkin, M. A. [illegible] 1960 ...

INDUSTRIAL SUPPLY HOUSES
[illegible]

INDUSTRIAL TELEVISION
All ... [illegible]

[illegible] IA. [illegible] and others. Vrach [illegible] 627 Je '60.

[illegible]MATION see subdivision under Czech[illegible]

[illegible]S, LOCATION OF see subdivision under [illegible]

[illegible]
[illegible] [Problems in the [illegible]] Voprosy [illegible] Firenze, 1958.

[illegible] ABSTRACTS
[illegible] abstracts nos 1141-1604 [illegible] Jl '60

[illegible] CARE AND HYGIENE
[illegible] My-Je '60
[illegible] My-Je '60
[illegible] My '60

[illegible]
[illegible] '60

[illegible]
[illegible] with [illegible] [illegible] '60

[illegible]FORMATIONS)
[illegible] in a premature infan[illegible] My-Je '60

[illegible]
[illegible] My-Je '60
[illegible] My-Je '60
[illegible] My-Je '60
[illegible] [with summary in English]. [illegible] My-Je '60
[illegible] [with summary in English] [illegible]

[illegible]
[illegible] in children [illegible]
[illegible] My '59
[illegible] for influenza. K.M. Mashkov. [illegible] 3:54-59 My-Je '60.
[illegible] M.F. Sabbarova, V.V. [illegible] My-Je '60
[illegible], V.M. [Influenza] [illegible] Moskva, Medgiz, [illegible]

[illegible]
[illegible] methods for the primary [illegible] [with summary in English]. [illegible] V.P. Vertogradova, L.D. [illegible] Ja-F '60

[illegible]MATION THEORY
[illegible] for statistical coding [illegible] '60

a memory and with a symmetric matrix of transition probabilities. R.L. Dobrushin. Dokl. AN SSSR 123 no.3:705-708 Jl '60.

Carrying capacity of symmetric channels with variable parameters at an unlimited frequency band. I.M. Fink. Radiotekhnika 15 no.7:21-28 Jl '60.

Circuits of binary signal correctors [with summary in English]. V.M. Ostianu. Avtom. i telem. 21 no.5: 616-623 My '60.

Construction of an optimum code consisting of elementary symbols of different duration. E.L. Blokh. Probl. pered. inform. no.5:100-111 '60.

Converter of binary code into voltage. N.S. Anishin. Izv. vys. ucheb. zav.; elektromekh. 3 no.2:165-167 '60.

Effectiveness of Shannon's coding method. V.A. Garmash, N.E. Kirillov. Probl. pered. inform. no.5:9-11 '60.

Experimental investigation of statistical properties of communication sources. V.A. Garmash, N.E. Kirillov, D.S. Lebedev. Probl. pered. inform. no.5:112-122 '60.

Generalization of an inequality in the information theory in the case of signals of different durations. E.L. Blokh. Probl. pered. inform. no.5:95-99 '60.

Information stability of Gaussian random quantities and processes. M.S. Pinsker. Dokl. AN SSSR 133 no.1: 28-30 Jl '60.

Introduction. Probl. pered. inform. no.5:3-8 '60.

Investigation of some classes of functions in multiple logics. V.V. Martyniuk. Probl. kib. no.3:49-60 '60.

Irregular discretization of continuous signals. Z. Fridrikh. Izv. vys. ucheb. zav.; radiofiz. 3 no.3:316-327 '60.

Method of measuring functions of probability distribution using their factoring by orthogonal polynomials. N.E. Kirillov. Probl. pered. inform. no.4:162-167 '59.

Power spectrum of an indeterminate integral of a stationary random process. B.R. Levin. Radiotekhnika 15 no.6:18-21 Je '60.

Pre-emphasis and de-emphasis in a channel with fading. I.A. Ovseevich, M.S. Pinsker. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.3:145-150 My-Je '60.

Push-pull circuits using ferrites and transistors with nonperiodic counting. M.L. Tsetlin, L.M. Shekhtman. Probl. kib. no.3:89-94 '60.

Quantization noises in the coding of signals with a continuous spectrum band. B.E. Trofimov. Elektrosviaz' 14 no.7:3-12 Jl '60.

Receiving system which helps to achieve a relatively noise free coding. IU.N. Mel'nikov. Elektrosviaz' 14 no.7:13-17 Jl '60.

Resultant delay in statistical coding systems. N.E. Kirillov. Probl. pered. inform. no.5:68-74 '60.

Sequential coding. E.L. Blokh. Probl. pered. inform. no.5:55-66 '60.

Shaping filter and optimum linear systems [with summary in English]. IU.P. Leonov. Avtom. i telem. 21 no.6:674-681 Je '60.

Statistical coding of communications in transmission with weak noise. N.E. Kirillov. Probl. pered. inform. no.5: 23-31 '60.

Statistical interference rejecting coding. K.A. Meshkovskii. Probl. pered. inform. no.5:87-94 '60.

Statistical matching by means of indicating the position (coordinates) of rare symbols. D.S. Lebedev. Probl. pered. inform. no.5:47-54 '60.

Statistical matching with a strong possibility of coupling between elements. D.S. Lebedev. Probl. pered. inform. no.5:32-34 '60.

System for partial statistical matching by conversion of duration. V.A. Makhonin. Probl. pered. inform. no.5: 83-86 '60.

Transmission of discrete signals by the use of phase-difference keying. N.P. Bobrov. Elektrosviaz' 14 no.6: 3-9 Je '60.

Transmission of phototelegraph communications by use of statistical coding. V.A. Garmash. Probl. pered. inform. no.5:75-82 '60.

INFORMATION THEORY—TABLES, ETC.

Addendum 1: Table of the H(p) function. Probl. pered. inform. no.5:122-123 '60.

Addendum 2: Table of the $h_{(p)}$ function. Probl. pered. inform. no.5:123-125 '60.

INFRARED RAYS

Faraday effect in an yttrium garnet at infrared frequencies. G.S. Krinchik, M.V. Chetkin. Zhur. eksp. i teor. fiz. 38 no.5:1643-1646 My '60.

Transparency of a horizontal atmospheric layer in the region from 0.7 —— 14μ. Part 2. Dependency of the integral transmission of the atmosphere in the region from 0.7 - 14μ on the thickness of the precipitable water. D.A. Antipov and others. Izv. vys. ucheb. zav.; fiz. no.3:72-75 '60.

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Infrared drying of high-voltage insulators [with summary in English]. R.T. Levshunov. Inzh.-fiz. zhur. no.7: 98-101 Jl '60.

Some systems of the infrared pyrometry. D.IA. Svet, A.A. Poskachei. Priborostroenie no.7:28-29 Jl '60.

Visible invisible things. D. Dunaevskii. NTO 2 no.7: 28-31 Jl '60

INFUSORIA

(see also subdivision under Kakhovka Reservoir)

Incorporation of S^{35}-methionine by cysts of the infusoria Bursaria truncatella. V.K. Nilova. TSitologiia 2 no.3 304-308 My-Je '60.

Microfauna of the rumen in lambs in ontogenesis. N.U. Bazanova, A.V. Prokudin. Trudy Inst. fiziol. AN Kazakh SSR 2:3-7 '59.

INGOT MOLDS

Factors determining the durability of ingot molds. A.N. Alimov. Trudy NTO chern. met. 15:11-19 '59.

Increasing the durability of ingot molds for centrifugal casting of pipes. V.V. Kolesova. Lit. proizv. no.7:38 Je '60.

INGUL VALLEY—GABBRO

Gabbro rocks of the Pavlovka area in the Ingul River basin [with summary in English]. IU.V. Kononov, I.M. Ettinhof. Dop. AN URSR no.3 358-362 '60

INHALATION THERAPY

Importance of inhalatoria in the prevention of pneumoconiosis. V.M. Matoshin. Fel'd. i akush. 25 no.5 31-34 My '60.

INHERITANCE AND SUCCESSION

Baryshov, A.I. [Acquisition of inherited property and its legal consequences] Priobretenie nasledstva i ego iuridicheskie posledstviia. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 94 p.

INHIBITION

Conditioned inhibition and conditioned disinhibition. Formation of conditioned disinhibition by adding a supplementary agent to the conditioned inhibitor. K.A. Iordanis. Vest. Mosk. un. Ser. 6. Biol., pochv. 15 no.3:14-17 My-Je '60.

Limit of differentiated inhibition in rabbits of different ages. M.S. Kolesnikov, P.S. Gershbaum, T.M. Mironova. Trudy Inst. fiziol. AN BSSR 3:49-54 '59.

Relation between the degree of suppression of motor reactions with the force of inhibition and the equilibrium of nervous processes. V.S. Merlin, I.M. Palei. Dokl. APN no.1:51-54 '60

Role of inhibited conditioned connections in the formation of new forms of motor activity. E.I. Plonskaia. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:31-36 '60.

INHIBITION (CHEMISTRY)

Inhibiting influence and the structure of inhibitors. Part 3: Inhibited polymerization of vinyl acetate [with summary in English]. Z.A. Sinitsyna, Kh.S. Bagdasar'ian. Zhur. fiz. khim. 34 no.5:1110-1116 My '60

INJECTIONS, ANATOMICAL

A simple injection method for zoological preparations [with summary in English]. A.V. IAblokov. Zool. zhur. 39 no.7:1112-1113 Jl '60.

INLAND NAVIGATION

(see also subdivision under Angara; Moscow)

Galkovskaia, M.G., and others, comps. [River navigator's manual] Spravochnik shturmana rechnogo flota. Pod obshchei red. A.A. Soluzova. Moskva, Izd-vo "Rechnoi transport," 1960. 631 p.

Useful book. ("Guide to the study of navigation regulations" by M.A. Sulyrin. Reviewed by B. Baranov, Sychev, L. Pushkarev. Rech. transp. 19 no.5:56 My '60.

INLAND WATER TRANSPORTATION

(see also subdivision under Altai Territory)

Greater use of documentary materials available in the central archives of the Ministry of the River Fleet. I. Peshkov. Rech. transp. 19 no.5:54 My '60.

Out of town meeting of the Collegium of the Ministry of the River Fleet. Rech. transp. 19 no.5:51 My '60.

Routine trip. V. Nagaev. Sov. profsoiuzy 16 no.9 30-31 My '60.

Ships for lumber transportation. IA.A. Koperzhinskii. Sudostroenie 26 no.6:8-11 Je '60.

Successfully carry out the 1960 navigation season. Rech. transp. 19 no.5:1-2 My '60.

INLAND WATER TRANSPORTATION—ACCOUNTING

Justification of the traffic capacity of a wharf on the basis of the combined records of relations between ships and harbors. D. Volovoi, V. Savin. Rech. transp. 19 no.5: 6-9 My '60.

Matlin, G.M. [Technical and economic grounds for overall waterway dimensions] Tekhniko-ekonomicheskoe obosnovanie gabaritov vodnykh putei; metodicheskoe rukovodstvo. Moskva, TSentr. nauchno-issl. in-t ekon. i ekspluatatsii vodnogo transporta, 1959. 209 p.

INLAND WATER TRANSPORTATION—BIBLIOGRAPHY

see Bibliography—Inland water transportation

INLAND WATER TRANSPORTATION—EMPLOYEES—MEDICAL CARE

In the Ministry of Public Health of the White Russian S.S.R. Zdrav. Belor. 4 no.3:78 Mr '58.

INLAND WATER TRANSPORTATION—PASSENGER TRAFFIC

"Lenin"-type river passenger vessels. V.M. Kerichev. Sudostroenie 26 no.6.1-8 Je '60

INOCULATION see Vaccination

INSCRIPTIONS see subdivision under Ani-Pemza

INSECT BAITS AND REPELLENTS

Apparatus for the study of repellents for ixodid ticks. G.S. Pervomaiskii, A.K. Shustrov. Lab.delo 6 no.3-52-53 My-Je '60.

Insect repellents. P.S. Bataev. Nauka i zhizn' 27 no.7: 78-79 Jl '60.

Repellents; powerful agent in the fight against insects. P S. Bataev, L G. IUdin. Priroda 49 no 7:83-84 Jl '60

Study of repellents. Report No. 9: Diethyltoluamides. E.Kh. Zolotarev, T.V Kalakutskaia. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no 3.18-21 My-Je '60.

INSECTICIDES

Distribution of the dimensions of particle diameters in powders and the dispersity of dusts by means of air dusting. S.M. Shogam, S.V. Sidorova. [Trudy] NIUIF no.165,63-67 '59.

Efficient system of producing DDT and GKhTsG dusts. S.M. Shogam, V.I. Orlov. [Trudy] NIUIF no.165.46-51 '59.

Fillers for insecticidal dusts and methods of studying them. S.M. Shogam and others. [Trudy] NIUIF no.165·36-45 '59.

Inner complex compounds as contact insecticides. A.P. Terent'ev and others. Zhur.ob.khim. 30 no. 7: 2422-2427 Jl '60.

Method of determining gamma-isomers in concentrated mineral and butyrous emulsions of GKhTsG. S.F. Bezuglyi, V.N. Kalashnikova. [Trudy] NIUIF no.165 32-35 '59.

Phosphoroörganic insecticides. Derivatives of β-dicarbonyl compounds. M.I. Kabachnik and others. Zhur.ob. khim. 30 no.7·2218-2223 Jl '60.

INSECTS—COLLECTION AND PRESERVATION

Comparative evaluation of the effectiveness of some methods of collecting fleas from the entrances of rodent burrows. O.A. Kopylova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16,217-223 '57.

Method of collecting Trombiculidae mites. I.F. Zhovtyi, E.G. Shluger. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:177-187 '57.

INSECTS—DEVELOPMENT

Number of nymphal stages in the tick Alectorobus asporus (Ornithodorus verrucosus) [with summary in English]. V.V. Slesarenko. Zool.zhur. 39 no.6:936-937 Je '60.

INSECTS, INJURIOUS AND BENEFICIAL

(see also subdivision under Armenia, Kanino-Timanskiy District)

Case of mass attack of the chicken mite Dermanyssus Gallinae de Geer on man in Siberia. I.F. Zhovtyi, V.O. Boldaruev. Izv. Irk. gos. nauch.-issl. protivochum inst. 16:186-190 '57.

Mechanized control of bloodsucking insects and ticks. V.I. Kurchatov. Trudy Inst. zool. AN Kazakh. SSR 12·245-251 '60.

Shchegolev, V.N. [Agricultural entomology] Sel'skokhoziaistvennaia entomologiia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 448 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh vuzov)

INSECTS AS CARRIERS OF DISEASE

Extoparasites of the marmot (Marmota baibacina) and their significance as plague carriers. N.I. Makarov, E.A. Shvarts, E.P. Makarova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:311-318 '57.

Intermediate hosts of Moniezia, Thysaniezia, and Avitellina in Kazakhstan. I.B. Sokolova, V.IA. Panin. Trudy Inst. zool. AN Kazakh. SSR 12 145-149 '60.

Methods for studying the epidemiological role of vectors. B.L. Shura-Bura. Voen.-med. zhur. no.6 25-29 Je '60.

Natural foci of human trypanosomiases [with summary in English]. C.A. Hoare. Zool.zhur. 39 no.6:801-810 Je '60.

INSTALLMENT PLAN

Credit buying in Stalino Province. I Zhdanov. Sov. torg 33 no 7:31 Jl '60.

INSTRUMENT LANDING SYSTEMS

Planned course and landing beam. V. Madanchiev. Grazhd. av. 17 no. 5:12-13 My '60.

Radio landing control equipment. A.I. Zadorozhnyi. Vest. Vozd. Fl. no.2:90-94 F '60.

INSTRUMENT MANUFACTURE

(see also subdivision under Krasnodar)

Calculating methods for bringing out hidden potentialities of efficiency and precision of production in the precision manufacture of machinery and instruments. N.A. Borodachev. Trudy MAI no.116:13-67 '59.

Counting small parts in the manufacture of instruments. L.M. Kogan. Priborostroenie no.7:21-22 Jl '60.

Improve the quality of pressure-measuring instruments. N.I. Zhukovskii. Izm tekh. no.7:8-12 Jl '60.

Standardizing tolerances for arrangement in the manufacture of instruments. A S. Smirnov. Standartizatsiia 24 no.7.12-15 Jl '60.

Vsesoiuznoe soveshchanie po osnovym problemam teorii mashin i mekhanizmov. 2d, Moscow, 1958. [The theory of automatic machines and the theory of precision in the manufacture of machinery and instruments] Teoriia mashin avtomaticheskogo deistviia i teoriia tochnosti v mashinostroenii i priborostroenii, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 218 p. (Its Trudy)

INSTRUMENT MANUFACTURE—SAFETY MEASURES

Safety measures in manufacturing and operating instruments based on the utilization of radioisotopes. M.L. Gol'din. Priborostroenie no.7;22-24 Jl '60.

INSTRUMENT MANUFACTURE—TECHNOLOGICAL INNOVATIONS

Gavrilov, A.N., ed. [Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoianie i napravleniia razvitiia tekhnologii mashinostroeniia i priborostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 563 p.

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSTRUMENTS, ASTRONOMICAL see Astronomical instruments

INSTRUMENTS, ELECTRIC see Electric instruments

INSULATING MATERIALS

Results of testing molding and forming machines used in the manufacture of peat insulating boards. V.P. Morozov, M.Z. Mikhailova, K.M. Musikhin. Torf. prom. 37 no. 4:25-27 '60.

INSULATING OILS

Causes of dielectric losses in transformer oil at a frequency of 50 cps [with summary in English]. R.A. Lipshtein, E.N. Shtern. Inzh.-fiz. zhur. no. 2:101-104 F '60.

Effect of the dielectric properties of transformer oil on the strength of electric insulation of transformers. V.I. Zvezdkin and others. Elek.sta. 31 no.4·60-64 Ap '60.

Obtaining the starting material for the production of transformer oil. G.I. Cherednichenko, G.G. Tollashev, Z.Z. Gumerov. Khim. i tekh. topl. i masel 5 no. 6:24-28 Je '60.

Use of an extractor with rotating discs for the purification of transformer oil. V.I. Kutukova, E.V. Voznesenskaia, R.K. Stoianovich. Khim. i tekh. topl. i masel 5 no.7:30-33 Jl '60.

INSULATION (HEAT)

Ceramic perlite heat-insulating products. A.V. Zhukov, K.V. Dazhuk, G.I. Pivovar. Stroi. mat. 6 no.7:21-22 Jl '60.

Combined roofs built of insulated panels V. Popov. Stroi i arkhit 6 no 5 22 My '60

Designs of composite roofs. M. Tupolev and others. Stroi. i arkhit. Mosk. 9 no.7;37-40 Jl '60.

INSURANCE

(see also subdivision under Kiev)

Word of workers of the State Insurance Administration; review of correspondence received by the editors. Fin. SSSR 21 no 7:77-80 Jl '60.

INSURANCE, AGRICULTURAL

(see also subdivision under Kazakhstan)

Answering our readers' questions. Sov. deput. trud. no. 7:96-101 Jl '60.

Improtant changes in the government insurance of collective farm property. E.V. Kolomin Uchet. i fin v kolkh i sovkhoz 17 no 5 54-56 My '60

INSURANCE, SOCIAL

(see also subdivision under Balashikha District; Caucasus, Northern; Kalinin Province; Krasnodar Territory; Moscow Province; Orokhovo-Zuyevo District; Sestroretsk District, Shchelkovo; Voskresensk District)

Bureaucratism should not be excused. Sots. obesp. 21 no. 6:1 Je '60.

International agreements on social insurance. Sots. obesp. 21 no. 6:62-63 Je '60.

Lenin's principles of social insurance are carried out. A. Larin Okhr. truda i sots. strakh 3 no. 3 6-11 Mr '60.

School of training, school of communism Okhr truda i sots strakh 3 no 3·1-5 Mr '60

To save time. A. Zhigalko, K Mishin, A. Makausov. Sots. obesp 21 no 5·19-21 My '60.

INSURANCE, SOCIAL—EMPLOYEES

(see also subdivision under Astrakhan)

Awards for women workers of social insurance organizations. Sots. obesp. 21 no. 5 4 My '60.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Eigenfunction expansion of a boundary problem for a delay integrodifferential equation. A.B. Nersesian. Izv. AN Arm. SSR. Ser fiz.-mat. nauk 12 no. 6:37-68 '59.

Integral equations with almost different kernels. L.S. Rakovshchik Dokl. AN SSSR 133 no. 4 752-755 Ag '60

Solving nonlinear integral equations in a Banach space. IA D. Mamedov. Dokl. AN Azerb. SSR 16 no. 4;327-330 '60.

INTEGRALS

Convolutions of functions in some classes of functions represented by the Stieltjes integral [with summary in English]. V.B. Ozhegov. Vest. LGU 15 no 13: 32-40 '60

Integral analogous to the classical Legendre integral [with summary in English] E.A. Anfert'eva. Vest. LGU 15 no.13 76-80 '60

Stieltjes integral in K-spaces. Romulus Cristescu. Dokl. AN SSSR 133 no. 3:519-522 Jl '60.

INTELLIGENCE SERVICE see subdivision under United States

INTERCHANGEABLE MECHANISMS

Letter page. Tekh. mol. 28 no. 5:33 '60.

Widening the area of the application of preferred zones of tolerances based on functional interchangeability. A.K. Kutai. Standartizatsiia 24 no. 6:6-11 Je '60.

INTERFERENCE (LIGHT)

Interference modulation method. V.M. Arkhipov. Opt. i spektr. 8 no.1·124-125 Ja '60.

INTERIOR DECORATION

(see also subdivision under Estonia)

University of beauty and health Smena 37 no 11 28 Je '60

University of beauty and health. Smena 37 no. 15:31 Ag '60.

University of health and beauty. Smena 37 no. 13:26-27 Jl '60.

INTERLIBRARY LOANS

Interlibrary loans. T.F. Zdorova, A.A. Simonova. Bibliot. SSSR no. 13.174-179 '60.

INTERNAL MEDICINE see Medicine, Internal

INTERNAL REVENUE

After the unification; review of correspondence received by the editor. Fin. SSSR 21 no. 5:78-80 My '60.

INTERNATIONAL ATOMIC ENERGY AGENCY

Espionage under the flag of an international organization F Polomskii Mezhdunar zhizn' 7 no. 8 120-121 Ag '60.

INTERNATIONAL COOPERATION

Fifteen peaceful years. IUn. tekh. 4 no. 5:4-5 My '60.

INTERNATIONAL CORRESPONDENCE

The story of nine dolls. V. Usacheva. Doshk. vosp 33 no. 5:88-90 My '60

INTERNATIONAL GEOPHYSICAL YEAR, 1957-1958

(see also subdivision under Hungary)

Following the routes of the International Geophysical Year. Vokrug sveta no. 6:3 Je '60.

Under the banners of 66 countries. V. Troits'ka. Nauka i zhyttia 10 no. 5:20-25 My '60.

A year in 914 days. A. Podol'skii, B. Silkin. Vokrug sveta no. 6:1-7, 16 Je '60.

INTERNATIONAL LABOR OFFICE

International Labor Office celebrates its fortieth anniversary. A. Roberts. Mir nauki no. 7:43-46 '59.

INTERNATIONAL RELATIONS

Calendar of diplomatic events. Mezhdunar. zhizn' 7 no. 8:150 Ag '60.

INTERNATIONAL RELATIONS—DICTIONARIES

New edition of "Diplomatic dictionary." A. Ioyrysh. Nov. vrem. 18 no. 28:30-31 Jl '60.

INTERNATIONALISM

Battle banner of the international working class S. Titarenko Sov. profsoiuzy 16 no. 9:7-9 My '60

Our experience in training school children in the spirit of internationalism. L.A. Sobans'kyi, A.B. Rohov. Rad. shk. 39 no. 7:70-75 Jl '60.

INTERSTELLAR MATTER

Studying the ionosphere and interplanetary gas by means of artificial satellites and space rockets. IA. L. Al'pert. Usp. fiz. nauk 71 no. 3;369-409 Jl '60.

INTESTINES

Effect of acetylcholine and adrenaline on the motor activity of the small intestine as related to functional state and age [with summary in English]. L.O. Koval'. Fiziol. zhur. [Ukr.] 6 no. 2:213-220 '60.

Functional changes in the absorption capacity of the small intestine during prolonged absorption of lipids [with summary in English]. N.V. Anastas'ieva, IA.P. Skliarov. Fiziol. zhur. [Ukr.] 6 no. 3.328-335 My-Je '60.

INTESTINES (Continued)

Reparative regeneration of the intestinal wall of the rat following experimental injury. N. M. Shestopalova. Biul MOIP. Otd. biol. 65 no. 3:141-142 My-Je '60.

INTESTINES—BACTERIOLOGY

Useful intestinal microbes. P. I Sakharov Zdorov'e 6 no. 7 20-22 Je '60.

INTESTINES—DISEASES

(see also subdivision under Moldavia)

Colienteritis in children. N. A Meshcheriakova Vop okh mat. i det 5 no 3 66-69 My-Je '60

Cysts of the mesentery of the small intestine M N. Khomchenko Zdrav Belor 4 no 3 62 Mr '58

Functional disorders of the large intestine in peptic ulcer and chronic gastritis. A. V. Frol'kis. Voen.-med. zhur. no. 6 65-71 Je '60.

Interprovince meeting on acute intestinal infections in Ivanovo. N. A. Romanova, A. R. Shagidullina. Kaz. med. zhur. 40 no. 5:106-109 S-O '59.

Moiseenko, M. D. [Gastric and intestinal phlegmon] Flegmona zheludka i kishechnika. [Leningrad] Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

New method of treating polyposis of the large intestine. A. M. Aminev. Vrach. delo no. 6,637 Je '60.

INTESTINES—INNERVATION

Data on the formation of new afferent pathways in the urinary bladder and large intestine [with summary in English]. D. M. Golub and others. Arkh. anat. gist. i embr. 38 no. 1 3-10 Ja '60.

Effect of different types of stimulation of the ileocecal region of the intestine on cardiac activity in man. Sh. IA. Moseshvili. Soob. AN Gruz. SSR 24 no. 4:407-472 Ap '60.

INTESTINES—INTUSSUSCEPTION

Case of double intestinal invagination caused by acute mesoadenitis. K L Dreier Vop okh. mat i det. 5 no 3 89 My-Je '60.

INTESTINES—OBSTRUCTIONS

(see also subdivision under Orsha)

Extensive resection of the small intestine in volvulus. L. E. Lebel'zon, D. I. Parnes. Zdravookhranenie 3 no. 3:62-63 My-Je '60.

Gastric tetany as a result of arteriomesenteric obstruction. I. B. Gordon Vrach. delo no. 6,635-637 Je '60.

Petrov, V. I. [Clinical and radiological diagnosis of intestinal obstruction; method of investigation and symptomatology as an aid to the practicing radiologist] Kliniko-rentgenologicheskaia diagnostika kishechnoi neprokhodimosti; metodika issledovaniia i simptomatika; v pomoshch' prakticheskomu vrachu-rentgenologu. Moskva, [TSentr. tip. MO SSSR im. K. E. Voroshilova] 1957. 135 p.
(DNLM)

INTESTINES—RADIOGRAPHY

Petrov, V. I. [Clinical and radiological diagnosis of intestinal obstruction; method of investigation and symptomatology as an aid to the practicing radiologist] Kliniko-rentgenologicheskaia diagnostika kishechnoi neprokhodimosti; metodika issledovaniia i simptomatika; v pomoshch' prakticheskomu vrachu-rentgenologu. Moskva, [TSentr. tip, MO SSSR im. K. E. Voroshilova] 1957. 135 p.
(DNLM)

INTESTINES—SURGERY

Extraperitoneal fistulo-jejunal anastomosis. N. Kh. Anostiadi, Sh. D. Shapiro. Zdravookhranenie 3 no. 3:61 My-Je '60.

INTESTINES—TUBERCULOSIS

Mirzoian, E. Z. [Tuberculous ileotyphlitis; pathogenesis, clinical aspects, and therapy] Tuberkuleznyi ileotiflit; patogenez, klinika i lechenie. Moskva, Medgiz, 1958. 117 p.
(DNLM)

INTRAOCULAR PRESSURE

Changes in ocular pressure in adolescents as effected by controlled exercise and prolonged training in gymnastics. M. E. Nachkoplia. Soob. AN Gruz. SSR 24 no. 4: 493-500 Ap '60.

INVENTIONS

Facts only. Izobr. i rats. no. 8:52 Ag '60.

Machines of the "future." V. Vladimirov. Ogonek 38 no. 31:30 Jl '60.

To the attention of efficiency experts and inventors. Radio no. 7:64 Jl '60.

INVERTEBRATES see subdivision under White Sea

INVESTMENTS, AMERICAN see subdivision under Formosa

INVESTMENTS, FOREIGN see subdivision under Iran

IODINE

Iodine reaction of polyvinyl alcohol solutions, and fibers and films based on it. L. A. Vol'f, A. I. Meos. Khim. volok no 3.21-22 '60.

Reactions of iodine exchange in systems containing iodine trichloride. IU. IA. Fialkov. Zhur. neorg. khim. 5 no. 7 1567-1571 Jl '60.

IODINE—ANALYSIS

Potentiometric microtitration of halides in organic compounds following their mineralization [with summary in English]. V. A. Klimova, M. D. Vitalina. Zhur. anal. khim. 15 no. 3;339-341 My-Je '60.

IODINE—ISOTOPES

Electrolysis of radioactive iodide. A. P. Musakin, L. V. Puchkov, N. P. Kolobov. Trudy LTI no. 58:36-39 '59.

Kozyreva-Aleksandrova, L. S., and N. I. Temnikova. [Radioactive isotope of iodine, I131] Radioaktivnyi izotop ioda J^{131}. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 21 p.

IODINE CHLORIDE

Reactions of iodine exchange in systems containing iodine trichloride. IU. IA. Fialkov. Zhur. neorg. khim. 5 no. 7:1567-1571

IODINE IN THE BODY

Effect on the skin of the preliminary local action of a series of physical agents in iontophoresis of radioactive iodine. V. P. Varvarin. Voen.-med. zhur. no. 6:81 Je '60

Influence of vitamin C on the accumulation of iodine by the thyroid gland. A. Sh. Byshevskii. Vrach. delo no. 7:134-135 Jl '60.

Site of the synthesis of protein-bound iodine in the thyroid gland [with summary in English]. V. I. Levenson. Biul. eksp biol i med. 49 no 1 62-66 Ja '60.

IODINE METABOLISM

"Iodine metabolism and thyroid hormones" by IA. Kh. Turakulov. Reviewed by M F. Merezhinskii. Uzb. biol. zhur. no. 3,73-74 '60.

IODINE ORGANIC COMPOUNDS

Antibacterial properties of starch iodide and its components [with summary in English] V. O Makhnach and others. Mikrobiologiia 29 no 3:451-454 My-Je '60.

IOFF, IL'IA GRIGOR'EVICH, 1897-1953

I. G. Ioff, Soviet parasitologist, and his investigations in Siberia and the Far East. I. F. Zhovtyi, V. E. Tiflov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17;5-19 '58.

ION BEAMS—MEASUREMENT

Measuring the ion current in an ion-accelerating system V. A. Egorov, D V. Karetnikov, S. N. Popov. Prib i tekh. eksp. no 2 146-148 Mr-Ap '60

ION EXCHANGE

Analysis of water with the aid of the KU-2 cation exchanger. L. N. Podgornyi. Zav. lab. 26 no. 6:717-719 '60.

Exchange of sulfate ions for chloride and iodide ions on the anion exchanger N-O under flow conditions [with summary in English]. IU. A. Tolmacheva, A. T. Davydova. Zhur. fiz. khim. 34 no. 6:1260-1264 Je '60.

Industrial ion exchange unit for a thorough demineralization of water. V. P. Meleshko. Khim. prom. no. 1. 41-44 Ja-F '60.

New method for a complexometric determination of the exchange capacity of various cation forms of the KU-1 and KU-2 sulfonated cationites. N. G. Polianskii. Zhur. prikl. khim. 33 no. 5:1108-1115 My '60.

Peculiarities of the selective sorption and purification of streptomycin on carboxyl resins in relation to their chemical structure [with summary in English]. S. E. Bresler. Antibiotiki 5 no. 1:33-37 Ja-F '60.

Rate of exchange between cobalt and its ions in solution. Z. A. Solov'eva, L. A. Uvarov, A. T. Vagramian. Zhur. neorg. khim. 5 no. 6:1185-1188 Je '60.

Relation between the heat of wetting, the bound water content, the hygroscopicity, and the ion exchange capacity of clays [with summary in English]. I. I. Morachevskii and others. Koll. zhur. 22 no. 3:340-343 My-Je '60.

ION SOURCES

High-frequency cyclotron-type ion source. N. N. Krasnov. Prib. i tekh eksp. no. 2,148-150 Mr-Ap '60.

IONIC CRYSTALS

Absorption of light and luminescence of M-centers to the macroscopic approximation. V. L. Vinetskii. Opt. i spektr. 9 no. 1:64-69 Jl '60.

Energy of the base state of an electron impurity center in an ionic crystal as a function of the chemical nature of the impurity. L. N. Shvartsman. Izv. Sib. otd. AN SSSR no. 5:51-58 '60.

Investigating the effect of temperature on the electrical strength of ionic crystals. V. D. Kuchin. Izv. vys. ucheb. zav., fiz. no. 3;117-118 '60.

Spin-lattice relaxation of an exciton in an ionic crystal. V. N. Paranichev. Opt. i spektr. 9 no. 1:117-119 Jl '60.

IONIZATION

Investigating the limits of applicability of the theory of ionization losses [with summary in English] M. L Ter-Mikaelian Zhur. eksp. i teor fiz. 38 no. 3 895-905 Mr '60.

Ionization potential of atoms and reciprocal solubility of metals. A. A. Vorob'ev, P. A. Savintsev, B. F. Ufimtsev. Izv. vys. ucheb. zav., fiz. no. 3:233-234 '60.

IONIZATION OF GASES

Ionization of inert gases by multiply-charged ions [with summary in English] N. V Fedorenko, I P Flaks, L. G. Filippenko Zhur. eksp i teor fiz 38 no 3:719-725 Mr '60

Quantity of accelerated particles in an ionized gas under various accelerating mechanisms [with summary in English] A V. Gurevich Zhur eksp i teor fiz 38 no 5 1597-1607 My '60

IONONES

Methods for the analysis of β-ionone. L. N. Kravchina, V. A. Deviatnin. Trudy VNIVI 6:265-269 '59.

IONOSPHERIC RADIO WAVE PROPAGATION

Effect of the region of reflection on the scattering of radio waves in the ionosphere. N. G. Denisov. Izv. vys. ucheb. zav., radiofiz. 3 no. 2:208-215 '60.

IONOSPHERIC RESEARCH

Studying the ionosphere and interplanetary gas by means of artificial satellites and space rockets. IA L. Al'pert. Usp. fiz. nauk 71 no. 3,369-409 Jl '60

IONS

Coulomb excitation of nuclei by heavy ions accompanied by radiation of gamma quanta [with summary in English] B N Kalinkin. Zhur. eksp i teor fiz 38 no 5 1541-1543 My '60.

Detection of ion oscillation in plasma [with summary in English]. M. D Gabovich, L. L. Pasechnik, V. G IAseva. Zhur eksp i teor fiz 38 no 5 1430-1433 My '60

IRAN—CENTAUREA

New species of the genus Centaurea L s. str. S. K. Cherepanov Bot. mat Gerb 20 392-398 '60.

IRAN—ECONOMIC CONDITIONS

How the working class of Iran lives. O. Osipov. Otv. na vop. trud. no. 115:50-53 '60.

IRAN—FOREIGN RELATIONS—RUSSIA

On the significance of the Turkmenchay Treaty in Armenian history. L. S. Semenov. Ist.-filol. zhur. no. 4:105-121 '59.

Russo-Persian relations during the 17th century and the first half of the 18th century in foreign historiography. A. P. Novosel'tsev. Ist. SSSR 4 no. 3:183-190 My-Je '60.

Tuzmukhamedov, R. A. [Soviet-Iranian relations, 1917-1921] Sovetsko-iranskie otnosheniia, 1917-1921. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 93 p.

IRAN—HISTORY

Akademiia nauk SSSR. Institut vostokovedeniia [From the Teheran diary of Colonel V. A. Kosogovskii] Iz tegeranskogo dnevnika polkovnika V. A. Kosogovskogo. Moskva, Izd-vo vostochnoi lit-ry, 1960. 178 p.

IRAN—LABOR AND LABORING CLASSES

How the working class of Iran lives. O. Osipov. Otv. na vop. trud. no. 115:50-53 '60.

IRAN—POLITICS AND GOVERNMENT

Why reaction rages in Iran. IA. Romanov. Sovr. Vost. no. 7:47 Jl '60.

IRAN—SOCIAL CONDITIONS

Women and children of Iran. I. Andreev. Sem'ia i shkola 15 no. 6:40 Je '60.

IRAN—INVESTMENTS, FOREIGN

Foreign companies in Iran. Mezhdunar zhizn' 7 no 8: 149 Ag '60.

IRANIAN PHILOLOGY

Oranskii, I. M. [An introduction to Iranian philology] Vvedenie v iranskuiu filologiiu. Pod red. A. A. Freimana. Moskva, Izd-vo vostochnoi lit-ry, 1960. 489 p.

IRAQ—ECONOMIC CONDITIONS

The Republic of Iraq is an independer
E. S. Onan. Sov. gos. i pravo no. 7:

IRAQ—FOREIGN ECONOMIC REL

We are true to the great precept
shkola 16 no 5,11 My '60

IRAQ—POLITICS AND GOVERNMEN

The Republic of Iraq is an independe
E. S. Onan. Sov. gos. i pravo no. 7:

IRAQ—RELATIONS (GENERAL) WITH

Friendly cooperation. I. Samylovski
32 Jl '60.

IRAQ—TECHNICAL ASSISTANCE, RU

At the walls of ancient Samarra. G.
Vost, no. 7:38-39 Jl '60.

IRBIT—TRUCK TRAILERS

Communists promote new methods of work. P. Vagnov. Part. zhizn' no.14:50-53 Jl '60.

IRELAND, MARGARET ANN

Guest performances of foreign pianists. L. Adzhemov, I. Zhivov, R. Sov. muz. 24 no.6:140-151 Je '60.

IRIDIUM COMPOUNDS

Complex compounds of iridium(IV) with phosphoric acid. N. K. Pshenitsyn, S. I. Ginzburg, L. G. Sal'skaia. Zhur. neorg. khim. 5 no.4:832-841 Ap '60.

IRIS see subdivision under Chu Valley

IRKUTSK—ELECTRIC ENGINEERING

Fourteen members of a brigade of communist labor. L. Churkin. Mol. komm. no.8:12-13 Ag '60.

IRKUTSK—LAW SCHOOLS

Closer to practical needs. IA. Kushnikov. Sov. iust. no.7:5 Jl '60.

The results of my university studies. V. Vasil'eva. Sov. iust. no.7:5 Jl '60.

Valuable initiative. N. Anshupin. Sov. iust. no.7:5 Jl '60.

We try to keep in step with life. P. Babakov, V. Perlnik. Sov. iust. no.7:3-5 Jl '60.

IRKUTSK—MICE

Intensity of the settlement by household mice of urban industrial premises. N. I. Fitatov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:92-94 '58.

IRKUTSK—RATS

Still more on the selective attitude of gray rats toward various types of poisoned baits and on the comparative effectiveness of some trapping devices. N. I. Fitatov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:161-163 '58.

IRKUTSK—TECHNOLOGICAL INNOVATIONS

Know-how experts of Irkutsk. Tekh. mol. 28 no.5:10-11 '60.

IRKUTSK PROVINCE—COAL MINES AND MINING

New equipment requires skill. A. Dorin. NTO 2 no.7:6 Jl '60.

IRKUTSK PROVINCE—ELECTRIC POWER

Power engineers of the Irkutsk Economic Region in their struggle for savings in electric power. V. M. Antsif'ev. Prom. energ. 15 no.6:7-10 Je '60.

IRKUTSK PROVINCE—INDUSTRIES, LOCATION OF

Changes in the distribution of industry of the Irkutsk Economic Administrative Region. A. A. Grigor'eva. Izv. AN SSSR. Ser. geog. no.4:56-57 Jl-Ag '60.

IRKUTSK PROVINCE—PEAT

Peats of the central Baikal-Patom Plateau. A. D. Ivanov. Kraeved. sbor. no.4:84-87 '59.

IRKUTSK PROVINCE—PROSPECTING

Progressive mineral prospecting crew. A. M. IAnko. Razved. i okh. nedr 26 no.5:49-50 My '60.

IRKUTSK PROVINCE—TULAREMIA

Tularemia in Irkutsk Province. N. D. Altareva and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:177-183 '57.

IRON

Chemism of the process of wall rock lightening during ore deposition. I. S. Gol'dberg. Dokl. AN SSSR 133 no.3:665-668 Jl '60.

Effect of small amounts of tungsten impurities on self-diffusion of iron. V. V. Saradze, K. G. Tatishvili. Izv. vys. ucheb. zav.; fiz. no.3:93-96 '60.

Effect of temperature on characteristic energy losses of electrons in iron [with summary in English]. I. B. Borovskii and others. Zhur. eksp. i teor. fiz. 38 no.5:1303-1307 My '60.

Hydroxyferrocenes and their derivatives. A. N. Nesmeianov and others. Dokl. AN SSSR 133 no.1:126-129 Jl '60.

IRON—ANALYSIS

Determination of iron content in dyes by means of a photoelectric colorimeter. V. K. Ponomarev, T. B. Filicheva. Khim. volok. no.1:60-62 '60.

Spectral determination of small amounts of iron in selenium. Z. G. Fratkin, N. G. Politvanova. Trudy IRPA no.23:113-115 '59.

Use of sodium tungstate in the titrimetric determination of iron and titanium [with summary in English]. L. I. Veselago. Zhur. anal. khim. 15 no.3:321-324 My-Je '60.

IRON—CORROSION

Behavior of iron and steel in oxidizing solutions. N. D. Tomashov, N. P. Zhuk, E. N. Mirolubov. Sbor. inst. stali no.39:430-440 '60.

Corrosion of iron in fused nitrates and chlorides of metals in group I and II of the periodic table. V. P. Kochergin and others. Zhur. prikl. khim. 33 no.7:1500-1506 Jl '60.

Effect of metal cations on the corrosion of iron in sulfuric acid at higher temperatures. I. P. Anoshchenko. Zhur. prikl. khim. 33 no.5:1146-1150 My '60.

Mechanism of enhanced corrosion at the three-phase boundary [with summary in English]. L. A. Lario, Z. A. Iofa. Zhur. fiz. khim. 34 no.7:1470-1477 Jl '60.

Mechanism of the sulfide corrosion of iron. Part I: Kinetic aspects of the process [with summary in English]. P. V. Gel'd, A. K. Krasovskaia. Zhur. fiz. khim. 34 no.7:1585-1592 Jl '60.

Simultaneous action of sulfides and organic compounds on the acid corrosion and brittleness of iron [with summary in English]. Z. A. Iofa, G. N. Tomasheva. Zhur. fiz. khim. 34 no.5:1036-1044 My '60.

IRON—MAGNETIC PROPERTIES

Sintering of iron with cyclical temperature changes in the critical point range [with summary in English]. B. A. Andrievskii, I. M. Fedorchenko. Inzh.-fiz. zhur. no.5:71-73 My '60.

IRON—METALLURGY

Design of standard equipment for determination of the reducibility of iron ore sinters. V. I. Korotich, V. L. Gruzinov. Stal' 20 no.8:693-695 Ag '60.

Thermodynamics of sulfur dissolved in liquid iron. B. P. Burylev. Izv. vys. ucheb. zav.; chern. met. no.6:5-14 '60.

IRON ALLOYS—METALLOGRAPHY

Magnetostriction texture and anisotropy of certain iron base alloys. M. M. Borodkina, Z. N. Bulycheva, IA. P. Selisskii. Sbor. trud. TSNIICHM no.23:183-193 '60.

IRON ALLOYS—METALLURGY

Rysss, M. A., and IA. N. Khodorovskii. [Production of ferroalloys] Proizvodstvo ferrosplavov, uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 203 p.

Soiuz rabochikh metallurgicheskoi promyshlennosti SSSR. TSentral'nyi komitet. [Safety regulations in the production of ferroalloys] Pravila bezopasnosti v ferrosplavnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 34 p.

IRON ALUMINUM ALLOYS

Magnetostriction and certain other properties of iron-aluminum alloys. Z. N. Bulycheva, IA. P. Selisskii. Sbor. trud. TSNIICHM no.23:166-173 '60.

Nature of the imperfections of a Fe-Al alloy subjected to gamma irradiation [with summary in English]. L. IA. Dekhtiar, A. M. Shalaev. Inzh.-fiz. zhur. no.4:78-82 Ap '60.

IRON ALUMINUM ALLOYS—METALLURGY

Investigation of high permeability iron aluminum alloys with additions of molybdenum or manganese. B. G. Livshits, N. G. Lakhman, K. V. Kumin'. Sbor. trud. TSNIICHM no.23:194-204 '60.

IRON CHLORIDE

Extraction of ferric chloride hydrates with ethers. V. V. Fomin, A. F. Morgunov. Zhur. neorg. khim. 5 no.6:1385-1388 Je '60.

IRON CHROMIUM ALLOYS

Heat of the reaction of transition of the sigma phase into the α-solid solution in the system iron-chromium. I. I. Kornilov, R. M. Matveeva. Zhur. neorg. khim. 5 no.6:1307-1308 Je '60.

IRON-CHROMIUM-NICKEL ALLOYS

Corrosion resistance of solid metallic solutions in the system Fe-Ni-Cr. N. N. Gratsianskii, P. F. Kalluzhnaia. Ukr. khim. zhur. 26 no.3:324-326 '60.

IRON COBALT ALLOYS

Dilatometric investigations of iron cobalt alloys. G. N. Kadykova, IA. P. Selisskii. Sbor. trud. TSNIICHM no.23:219-223 '60.

IRON COBALT ALLOYS—METALLOGRAPHY

Connection between ordering, recovery, and recrystallization processes in Fe-Co alloys. E. I. Bellat, IA. P. Selisskii. Sbor. trud. TSNIICHM no.23:224-237 '60.

IRON COMPOUNDS

Comparative stability of tartrate, citrate, malate and salicylate iron and aluminum complexes. V. K. Zolotukhin, A. S. Molotkova. Zhur. neorg. khim. 5 no.4:870-881 Ap '60.

Phase diagram of the system TiFe - V. Pin Tszin-kuo, I. I. Kornilov. Zhur. neorg. khim. 5 no.4:904-907 Ap '60.

IRON FOUNDING

High precision iron casting in semipermanent molds. A. N. Antonov. Lit. proizv. no.7:1-5 Je '60.

Making large high quality iron castings. B. V. Knorre. Lit. proizv. no.7:6-8 Je '60.

IRON HYDROXIDE

Effect of freezing on the properties of metallic hydroxide coagulates. Part I: Effect of freezing and thawing on the properties of iron hydroxide gel [with summary in English]. V. I. Zolotavin, V. V. Vol'khin, V. V. Bezvoshkin. Koll. zhur. 22 no.3:303-313 My-Je '60.

IRON INDUSTRY

[illegible]

IRON MINES AND MINING

(see also subdivision under Krivoy Rog)

[illegible]

[illegible]

IRON MINES AND MINING—LABOR PRODUCTIVITY see subdivision under Krivoy Rog Basin

IRON MINES AND MINING—LIGHTING see subdivision under Krivoy Rog Basin

IRON-MOLYBDENUM ALLOYS—METALLOGRAPHY

[illegible]

IRON-NICKEL ALLOYS—ELECTRIC PROPERTIES

[illegible]

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

[illegible]

[illegible]

IRON-NICKEL ALLOYS—METALLOGRAPHY

[illegible]

[illegible]

IRON-NICKEL-MOLYBDENUM ALLOYS—MAGNETIC PROPERTIES

[illegible]

IRON-NICKEL-PALLADIUM ALLOYS

[illegible]

IRON-NICKEL-[illegible] ALLOYS—MAGNETIC PROPERTIES

[illegible]

IRON ORES

[illegible]

[illegible]

[illegible]

[illegible]

IRON OXIDES—ANALYSIS

[illegible]

IRON OXIDES—MAGNETIC PROPERTIES

[illegible]

IRON-SILICON ALLOYS

[illegible]

[illegible]

IRON-SILICON ALLOYS—METALLOGRAPHY

[illegible]

IRON SULFATE

[illegible]

IRRATIONAL NUMBERS see [illegible]

[illegible] the stabilization of water by closed stationary con[illegible] to N.IU.Chalkin and others. Gidr.i mel. 12 no.7: 1-13 Jl '60.

Effect of thickness and smoothness of the ice cover on the carrying capacity of a canal. A.I.[illegible]. Trudy SIM SH no.14:137-146 '59.

Seepage preventing linings and coatings for irrigation canals (discussion on "Irrigation engineering and maintenance," no.12, 1959 and no.1, 1960). Gidr.i mel. 12 no.7:55-57 Jl '60.

Use of precast prestressed reinforced concrete flumes in irrigation engineering. I.D.[illegible]. Gidr.i mel. 12 no.7:12-22 Jl '60.

IRRIGATION RESEARCH

Work of the Department of Hydraulic Engineering and Land Reclamation of the All-Union Academy of Agricultural Sciences. I.I.[illegible]. Gidr.i mel. 12 no.6:[illegible] Je '60.

IRSHAVA DISTRICT—SWAMPS

A sphagnum bog in Transcarpathia, Ukrainian S.S.R. [with summary in English]. V.I.Komendar. Ukr.bot.zhur. 17 no.3:79-81 '60.

IRTYSH RIVER—LIVER FLUKE

Distribution of metacercariae of Opisthorchis felineus in fishes of the Irtysh River within the boundaries of East Kazakhstan Province. B.G.Sidorov. Trudy Inst.zool. AN Kazakh.SSR 12:102-104 '60.

IRTYSH RIVER—REGULATION

Results of using a new system of planning waterway construction operations in the Irtysh Basin. A.Sedykh, V.Degtiarev. Rech.transp. 19 no.5:38-40 My '60.

IRTYSH RIVER—SCULPIN

Food of the common bullhead (Cottus gobio Linne) in the Irtysh Basin [with summary in English]. A.P.Chaban, [illegible]. Zool.zhur. 39 no.7:1104 Jl '60.

IRTYSH VALLEY—GEOLOGY, ECONOMIC

Effect of host rocks on the distribution of barium [illegible] and barites in deposits of the Irtysh shear zone. N.P.[illegible]. Geol.rud.mestorozh. no.3:100-111 My-Je '60.

IRTYSH VALLEY—ORE DEPOSITS

[illegible] criteria as indications in ore prospecting as established by the exploratory work in the Irtysh valley portion of the Altai ore region. P.F.Ivankin, N.S.[illegible], P.V.Inshin. Trudy Alt.GMNII AN Kazakh.SSR 8:84-93 '60.

ISLANDS OF LANGERHANS see Pancreas

ISOBORNEOL

Studies in the field of the saponification of borneol and isoborneol esters. Report No.1: Kinetics of the alkali saponification of bornyl and isobornyl esters in alcohol-water solutions. L.A.[illegible], G.A.Rudakov. [illegible] les.khim.prom. 11 no.4:1-3 '60.

ISOMERIZATION

Kinetics of the isomerization of 1,4-dichloro-2-butyne and [illegible] based on it. Report No.1: Action of aqueous alcohol and methanol solutions of potassium hydroxide on 1,4-dichloro-2-butyne. M.F.Shostakov and A.[illegible] Khomenko. Izv.AN SSSR.Otd.khim.nauk. [illegible] 1101 Je '60.

[illegible] of the isomeric conversion of alkyl-(aryl) [illegible]. V.G.Bukharov, T.P.Pozdniakova. Izv.AN SSSR.Otd.khim.nauk no.6:1108-1111 Je '60.

Effect of hydrogen pressure on the rate of the heterogeneous catalytic isomerization of cyclohexane. Report No.2: Dependence of the rate of cyclohexane isomerization on the partial pressure of hydrogen, the temperature and the grain size of WS_2. I.I.Levitskii, M.G.[illegible]. Izv.AN SSSR.Otd.khim.nauk no.6:996-1000 Je '60.

ISOMERS

Steric isomer [illegible]. I.P.[illegible], V.I.Chikhladze. [illegible] 38 no.3:1012 Mr '60.

ISONICOTINIC ACID

Biological peculiarities of BCG resistant to phthivazid. N.G.[illegible], T.S.Ginsburg. Pat.,klin.i terap.tub. no.8:[illegible] '58.

Combined streptomycin and phthivazid therapy for tuberculous and [illegible] allergic diseases of the eyes. [illegible]. Pat.,klin.i terap.tub. no.8:213-217 '58.

Experimental investigation of the combined drug therapy of tuberculosis. M.I.Taranenko. Pat.,klin.i terap.tub. no.8:244-247 '58.

Experimental study of the combined action of phthivazid and [illegible] in the treatment of tuberculous diseases of the eyes. F.IA.Khomiak. Pat.,klin.i terap.tub. no.8:[illegible] '58.

[illegible] and tuberculin treatment of patients with tuberculous diseases of the eyes. F.A.Khomiak. Pat.,klin.i terap.tub. no.8:232-236 '58.

Preservation of a weakened virulence by Mycobacterium tuberculosis resistant to phthivazid and its fate in the body. T.S.Ginsburg. Pat.,klin.i terap.tub. no.8:[illegible] '58.

[illegible] G.I.Rozenberg and others. Pat.,klin.i terap.tub. no.8:126-130 '58.

Treatment of tuberculosis of the eyes with antibiotics and with new drugs. A.A.Bel'tiukova, N.D.Gogina. Pat.,klin.i terap.tub. no.8:218-221 '58.

ISOPRENE

Calculation of the equilibrium constants for the reactions of dehydrogenation of isopentane, isoamylenes, and their mixtures into isoprene. M.I.Bogdanov. Khim.prom. no.1:35-41 Ja-F '60.

Chemical structure of a popcorn polymer of isoprene. A.I.Spasskova, D.I.Rabinovich. Zhur.ob.khim. 30 no.7:2176-2180 Jl '60.

Mevalonic acid as the precursor of some polyisoprene compounds in plants. A.R.Guseva, V.A.Paseshnichenko, M.G.Borikhina. Dokl.AN SSSR 133 no.1:228-229 Jl '60.

One-stage method of production of isoprene from isopentane and isopentane-isoamylene mixtures. I.L.Fridshtein and others. Khim.prom. 2:89-95 Mr '60.

ISOSTASY

Reaction of the earth's crust to the load of continental glaciations. S.A.Ushakov. Dokl.AN SSSR 133 no.1:205-207 Jl '60.

ISOTOPES

Approximate computation of the properties of substances differing in their isotopic composition. M.Kh.Karapet'ians, IAn' Go-sen'. Zhur.fiz.khim. 34 no.7:1047-1049 Jl '60.

Determination of small amounts of tantalum and niobium in granites with the aid of isotope dilution. A.P.Savostin, I.P.Alimarin. Vest.Mosk.un.Ser.2:Khim. 15 no.1:45-48 '60.

Preparing the targets from isotopes for nuclear studies. A.D.Bondar'. Izv.AN SSSR.Ser.fiz. 24 no.7:929-933 Jl '60.

ISOTOPES—SPECTRA

Determining the correlation between the quantum numbers of the K and L X-ray lines of some neutron deficient isotopes. V.D.Vitman and others. Izv.AN SSSR. Ser.fiz. 24 no.7:934-939 Jl '60.

ISOXANTHENONE

Sensitive and selective photometric method of determining titanium with disulfophenylfluorone [with summary in English]. V.A.Nazarenko, E.A.Biriuk. Zhur.anal.khim. 15 no.3:306-310 My-Je '60.

Trihydroxyfluorone derivatives as reagents for tellurium. G.G.Shitareva, V.A.Nazarenko. Ukr.khim.zhur. 26 no.3:368-373 '60.

ISOXAZOLE

Organomagnesium compounds of the isoxazole series. N.K.Kochetkov and others. Dokl.AN SSSR 133 no.3:598-601 Jl '60.

ISRAEL—COST AND STANDARD OF LIVING

Lament from "paradise." M.Barykin. Ogonek 38 no.32:3-3 Ag '60.

ISSYK-KUL'—BREAM

Acclimatization of bream in Lake Issyk-Kul'. B.P.Lushin. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:97-101 '59.

ISSYK-KUL'—CARP

Age and growth rate of Schizothorax issykkuli Berg, Diptychus dybowskii lansdelli Gunther, and Leuciscus bergi Kaschkarov in Lake Issyk-Kul'. B.P.Lushin, L.I.Stoianova. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:111-124 '59.

Chemical interaction of germ cells in two fish species. F.A.Turdakov, S.Lukshi. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:67-79 '59.

Parthenogenesis and other developmental characteristics of Leuciscus bergi Kaschkarov in Lake Issyk-Kul'. F.A.Turdakov, A.F.Turdakov. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:3-44 '59.

ISSYK-KUL'—PERCH

Materials on the acclimatization of pike perch in Lake Issyk-Kul'. B.P.Lushin. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:147-151 '59.

ISSYK-KUL'—TROUT

Materials on the raising of young-of-the-year gegarkuni trout of Lake Issyk-Kul'. A.O.Konurbaev. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:103-109 '59.

ISSYK-KUL', LAKE—SEDIMENTS (GEOLOGY)

Sapozhnikov, D.G., and M.A.Viselkina. [Recent sediments of Lake Issyk-Kul' and its bays] Sovremennye osadki ozera Issyk-Kul' i ego zalivov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 159 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.36)

ISSYK-KUL' REGION—LANDSCAPE GARDENING

Possible use of some exotic plants in establishing ornamental plantations in the western part of the Issyk-Kul' region. A.I.Kunchenko. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:11-36 '59.

Nesting of the rail Porzana pusilla (Pall.) and the red-breasted merganser Mergus serrator L. in the Issyk-Kul' Depression. I.D.IAkovleva. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:167-172 '59.

ISSYK-KUL' REGION—RAILS (BIRDS)

Nesting of the rail Porzana pusilla (Pall.) and the red-breasted merganser Mergus serrator L. in the Issyk-Kul' Depression. I.D.IAkovleva. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4,167-172 '59.

ISSYK-KUL' REGION—TOURISM

About flowers, tourists, and drinks. O.Kuprin, E.Chikovani. Ogonek 38 no.31:26 Jl '60.

ISTISU—HEALTH RESORTS, WATERING PLACES, ETC.

Influence of a complex of factors at the Istisu resort on the respiratory organs [in Azerbaijani with Russian summary]. D.K.Akhundov. Azerb.med.zhur. no.5:19-23 My '60.

ITALY

Italy. Blok.agit.[Ukr.] no.35:61-63 D '59.

ITALY—CATHOLIC CHURCH

Black shadow over Italy; remarks on Catholic culture. TSetsiliia Kin. Novyi mir 36 no.6:164-175 Je '60.

ITALY—COMMUNIST PARTY

Lenin's struggle against opportunism in the Italian socialist movement during the establishment of the Communist Party. Z.P.IAkhimovich. Nauch.dokl. vys.shkoly.ist.nauki no.2:152-166 '60.

ITALY—COMMUNIST PARTY—CONGRESSES

The 9th Congress of the Communist Party of Italy. A.Pavlov. Otv.na vop.trud. no.113:51-55 '60.

ITALY—ECONOMIC CONDITIONS

"Christian socialism" in Italy. S.Cherkasova. Nauka i zhyttia 10 no.6:52-54 Je '60.

ITALY—FASCISM

"Down with fascism!" Ogonek 38 no.29:7 Jl '60.

Storm over Rome. I.Nikolaeva. Nov.vrem. 18 no.29:9-10 Jl '60.

Tambroni pays the promissory note. Nov.vrem. 18 no.26:23 Jl '60.

ITALY—GEOGRAPHICAL SOCIETIES

Election of Academician I.P.Gerasimov as an honorary member of the Italian Geographical Society. Izv.AN SSSR.Ser.geog. no.4:119 Jl-Ag '60.

ITALY—HISTORY—PERIODICALS

New Italian historical journal. M.I.Koval'skaia. Nov.i noveish.ist. no.2:204 '60.

ITALY—LIBERTY OF THE PRESS

The complexities of freedom of the press ("Problems of a freedom. Journalism, the press and the publishing industry in Italy" [in Italian] by G.Napolitano. Reviewed by V.F.Vishniakov). Vest.Mosk.un.Ser.7: Filol.,zhur. 15 no.3:84-89 My-Je '60.

ITALY—LITERATURE—PERIODICALS

"Literary Europe"; a review of the periodical. G.Breitburd. Inostr.lit. no.7:214-215 Jl '60.

ITALY—MURDER

Reverend fathers. V.Grabovskii. Sots.zakon. 37 no.6:93-94 Je '60.

ITALY—PAGEANTS

Olympic days in Rome. Roberto de Gasperis. V zashch.mira no.7:90-96 Je '60.

ITALY—POLITICS AND GOVERNMENT

The latest events in Italy. Gian Carlo Pajetta. Nov.vrem. 18 no.31:3-4 Jl '60.

Storm over Rome. I.Nikolaeva. Nov.vrem. 18 no.29:9-10 Jl '60.

ITALY—RELATIONS (GENERAL) WITH RUSSIA

Conference on children's literature. Giuseppe Gaddi. Kul't i zhizn' 4 no.7:38 '60.

Exhibition in Milan. Sov.foto 20 no.6:37 Je '60.

In memory of an Italian friend. V.Shakhovskoi. Sov.foto 20 no.6:46 Je '60.

ITALY—SOCIALISM, CHRISTIAN

"Christian socialism" in Italy. S.Cherkasova. Nauka i zhyttia 10 no.6:52-54 Je '60.

ITALY—YOUTH

The future belongs only to socialism. Mol.komm. no.8:114-120 Ag '60.

ITCH see Scabies

ITEA

Palynological systematics of the family Iteaceae. V.Sh.Agababian. Izv.AN Arm.SSR.Biol.nauki 13 no.1:99-102 Ja '60.

ITURUP ISLAND—STONE AGE

Neolithic sites on Iturup Island. P.V.Chubarova. Sov.arkheol. 4 no.2:128-138 '60.

IUDINTSEV, SERGEI DMITRIEVICH, 1901-1960
Sergei Dmitrievich Iudintsev. Antibiotiki 5 no.1:126 Ja-F '60.

IUROVSKII, VLADIMIR MIKHAILOVICH, 1915-
Balzacian images in the music of a Soviet composer. N.Glen. Sov.muz. 24 no.7:159-160 Jl '60

IVANOV, ALEKSEI NIKOLAEVICH, 1869-1958
In memory of a friend. V.I.IAborskii. Zap.Vses.min.ob-va 89 no.2:253-256 '60.

IVANOV, G.
A short symphony by G.Ivanov. I.Ikhluchin. Sov.muz. 24 no.7:49-50 Jl '60.

IVANOV, IANIS ANDREEVICH
Piano concerto by IA. Ivanov. IU.Semenov. Sov.muz. 24 no.6:112-113 Je '60

IVANOVO—RAILROADS—EMPLOYEES
Under the fire of satire. A.Kazachek. Okhr.truda i sots.strakh. 3 no.6:24-25 Je '60.

IVANOVO—STILT-LEGGED FLIES
Materials on the biology and ecology of Trepidaria petronella L. (Diptera, Tylidae) [with summary in English]. A.M.Lobanov. Zool.zhur. 39 no.6:888-892 Je '60.

IVANOVO PROVINCE—LAWYERS
Legal defense of the interests of industrial enterprises. I.Orlov. Sots.zakon. 37 no.6:77 Je '60.

IVANOVO PROVINCE—RUSSIAN NEWSPAPERS
Kopein, N. V. [Newspaper pages tell the story; history of the party press in Ivanovo Province] Gazetnye stranitsy rasskazyvaiut; iz istorii partiinoi pechati Ivanovskoi oblasti. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1959. 94 p.
(MII)

IZHEVSK—MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS
Experience in the automation of universal metal cutting equipment. V.G.Korobeinikov. Mashinostroitel' no.7:7-10 Jl '60.

IZHEVSK—OPEN-HEARTH FURNACES
First open-hearth furnace at the Izhevsk plant. A. A. Aleksandrov. Vop.ist.est.i tekh. no.9:151-157 '60.

IZMAIL—BUDGET
Supplementary sources of budget income. V.Ul'ianov. Fin.SSSR 21 no.5:68-70 My '60.

JADEITE
Problems in the studies of jadeite. V.N.Moskaleva. Geol. rud.mestorozh. no.1:107-113 Ja-F '60.

JAM
Let's make jam. Rab.i sial. 36 no.6:24 Je '60

JAPAN—COMMUNIST PARTY
October and the revolutionary movement in Japan during the years 1917-1922 [with summary in English]. D.I. Gol'dberg. Vest.LGU 15 no.14:5-27 '60.

JAPAN—DEFENSES
The sharpening political crisis in Japan. D.Dubrovskii. Mezhdunar.zhizn' 7 no.8:21-29 Ag '60

JAPAN—DESCRIPTION AND TRAVEL
"...How much our small planet is one whole..." ("India. Japan. Greece." by Il'ia Ehrenburg. Reviewed by G.Belaia). Novyi mir 36 no.7:265-267 Jl '60.

JAPAN—FOREIGN RELATIONS—RUSSIA
Soviet-Japanese relations. V.Semenov. Otv.na vop.trud. no.114:26-31 '60.

JAPAN—FOREIGN RELATIONS—UNITED STATES
The Japanese people didn't let Eisenhower visit their country. Blok.agit.[Ukr.] no.18:57-58 Je '60
Nation-wide struggle for peace in Japan. Blok.agit. [Ukr.] no.35:58-60 D '59
Photographs that Haggerty brought to Eisenhower. M.Efimov. Ogonek 38 no.25:4-5 Je '60.
The sharpening political crisis in Japan. D.Dubrovskii. Mezhdunar.zhizn' 7 no.8:21-29 Ag '60
Soviet-Japanese relations. V.Semenov. Otv.na vop.trud. no.114:26-31 '60.
Tokyo opens its eyes. Takesi Kaiko. Inostr.lit. no.8:237-244 Ag '60.

JAPAN—LABOR AND LABORING CLASSES
October and the revolutionary movement in Japan during the years 1917-1922 [with summary in English]. D.I. Gol'dberg. Vest.LGU 15 no.14:5-27 '60.
The status and struggle of Japan's working class. V.Khlynov. Mir.ekon.i mezhdunar.otn. no.7:108-118 Jl '60.

JAPAN—PETROLEUM INDUSTRY
Petroleum and petrochemical manufacture in Japan. N.D.Pintagin. Khim.i tekh.topl.i masel 5 no.6:63-66 Je '60.

JAPAN—POLITICS AND GOVERNMENT
Japan's political parties. Mezhdunar.zhizn' 7 no.8:140 Ag '60
Tokyo opens its eyes. Takesi Kaiko. Inostr.lit. no.8:237-244 Ag '60.

JAPAN—STRIKES AND LOCKOUTS—COAL MINERS
Fukuoka, the district of hunger and strife. Ian Wolanowski. Ogonek 38 no.24:4-5 Je '60

JAPAN—TEXTILE MACHINERY
Two-state twister of average output (from "Textile Recorder," no.910, 1959). Khim.volok. no.1:71 '60

JAPAN—WATER CHESTNUT, FOSSIL
"On the systematic position of Hemitrapa and some other fossil Trapa" and "Evolution of Trapa from ancestral Lythrum through Hemitrapa" [in English] by S. Miki. Reviewed by V.N.Vasil'ev. Bot.zhur. 45 no.5:772-774 My '60.

JAPAN—WOMEN—RIGHTS OF WOMEN
Origin and development of the women's movement (continuation). Zhen.mira no.6:26-29 '60.

JAPAN, SEA OF—ALGAE
New algae hitherto unknown in the Sea of Japan. A.D. Zinova. Bot.mat.Otd.spor.rast. 13:113-117 '60

JAPAN, SEA OF—TEMPERATURE
Water temperature of the Sea of Japan and its possible prognosis. IU.V.Istoshin. Trudy Okean.kom. 7:[illegible] '60.

JAPANESE LANGUAGE
Collection of linguistic works by Soviet scholars of the Japanese language ("Japanese linguistic collection." Reviewed by A.A.Kholodovich). Vest.LGU 15 no.14:152-154 '60.

JAPANESE LANGUAGE—TENSE
Tense and aspect in the modern Japanese language [with summary in English]. A.A.Kholodovich. Vest.LGU 15 no.14:78-98 '60.

JAPANESE LITERATURE—HISTORY AND CRITICISM
New directions of Japanese literature. Teru Takakura. Inostr.lit. no.7:211-214 Jl '60
Urban literature in Japan during the 17th century and questions in the development of the literary method [with summary in English]. I.M.Pinus. Vest.LGU 15 no.14:81-90 '60.

JAPANESE PHILOSOPHY see Philosophy, Japanese

JASSY, RUMANIA—THEATER
The cradle of the Rumanian theater. IU.Zatonchkovskii. Teatr 21 no.7:186-187 Jl '60.

JASSY, RUMANIA—WATER-SUPPLY ENGINEERING
Water intakes of the city of Jassy. I.Pesiarsku. Vod.i san.tekh. no.8:37-40 Ag '60.

JAUNDICE
Smirnov, I.V. [Surgical treatment of obstructive jaundice of calculary and traumatic origin] Khirurgicheskoe lechenie obturatsionnoi zheltukhi zhelchnokamennogo i travmaticheskogo proiskhozhdeniia. [Leningrad] Medgiz, 1960. 141 p.
(DNLM)

JAVELIN THROWING
Danielsen, Egil. [With javelin to new records] S kop'em k rekordam; literaturnaia zapis' Finn Nordstrem. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 100 p.

JAWS—DISEASES
Physical therapy methods in the complex treatment of acute suppurative diseases of the maxillofacial region. IU.P.Semenenko. Vrach.delo no.6:611-614 Je '60.

JAWS—FRACTURE
Influence of penicillin on the formation of callus in infected fractures of the jaws. P.V.Fokina. Zdrav. Belor. 4 no.3:30-32 Mr '58
Radiographic diagnosis of lower jaw fractures. I.M. Aleeva. Kaz.med.zhur. 40 no.5:58-62 S-O '59.

JEHOVAH'S WITNESSES
Bezuglov, A.A. [Born of darkness] Prishedshie iz mraka. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 44 p. (Iz zala suda)

JENA—MEASURING INSTRUMENTS
Exhibition of the K. Zeiss People's Enterprise. G.Lensel. Izm.tekh. no.7:64 Jl '60.

JET PLANES
Raw products from a jet exhaust. L.Bel'son. Tekh.mol. 28 no.6:4,6-7 '60.

JET PLANES—LANDING
Landing a supersonic plane with its engine turned off. S.A.Mikoian, S.V.Petrov. Vest.Vozd.Fl. no.2:65-72 F '60.
The trainee lands with a stalled engine. G.G.Mishatnyi. Vest.Vozd.Fl. no.7:57-61 Jl '60.

JET PLANES—LUBRICATION
Lubrication of turbojet engines. [illegible] Vest. Vozd.Fl. no.7:[illegible] Jl '60.

JET PLANES, MILITARY
[illegible]

JET STREAM
[illegible]
Vorob'ev, V.I. [Jet streams in high and temperate latitudes] Struinye techeniia v vysokikh i umerennykh shirotakh. [illegible] 1960. 233 p.

JET TRANSPORTS
[illegible]
[illegible]
[illegible]
[illegible]

JETTIES see [illegible]

JIGS
Sokolov, P.IA., [illegible] 1960. 261 p.

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]
[illegible]
(MIRA)
[illegible]
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JOURNALISM
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[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Remarks on a newspaper's language. [illegible] Vest.Mosk.un.Ser.7 [illegible] 15 no.3:[illegible] My-Je '60.
[illegible]

The use of Soviet press materials in documentary publications. T.V.Ivnitskaia. Ist.arkh. 6 no.3:162-171 My-Je '60.

The window is wide open I Zenin Sov pech no 6 23-25 Je '60

JOURNALISM—CONSTRUCTION INDUSTRY see subdivision under Karaganda Economic region

JOURNALISM—STUDY AND TEACHING see subdivision under Bucharest

JOURNALISM, AGRICULTURAL

Force of example N Zakolupin Sov pech no 6 20-22 Je '60

JOURNALISM, LABOR

Feeling of fellowship. A.Vernigor. Sov.pech. no.7:39-40 Jl '60.

In order to know M Novikov Sov pech no.6 7 Je '60

Pink swans. N.Alekseev, IU Karzhavin. Sov pech. no 6 8-10 Je '60

Pointed comments of worker correspondents. N.Isaikin. Grazhd av. 17 no.6:30 Je '60.

Proposing, consulting, arguing... N.Il'inskii. Sov. pech. no.7:27-30 Jl '60.

The role of "Pravda" in the organization of the mass movement for experts with new techniques and the high productivity of labor (1933-1935). R.A.Ivanova. Vest.Mosk.un.Ser.7: Filol., zhur. 15 no.3:47-59 My-Je '60.

What an inspection tour taught me. Andrei Sultogiu. Sov.pech. no.7:30 Jl '60.

JOURNALISM, PICTORIAL

In cooperation with the picture editor. A.Batanov Sov foto 20 no 6 15 Je '60

JOURNALISM, SOCIALIST

Origin of revolutionary democratic journalism. M.F.Matviichuk. Dop.AN URSR no 3 409-412 '60

JOURNALISTIC PHOTOGRAPHY see Photography, Journalistic

JOURNALISTS

Meetings, seminars, and lectures. Sov pech no 6 36-37 Je '60

This is an award we share in common IU.Iurov. Sov pech no 6:34-37 Je '60

JUDAISM—CONTROVERSIAL LITERATURE

Shakhnovich, M.I. [Reactionary nature of Judaism; brief sketch of the origin and class nature of the Jewish religion] Reaktsionnaia sushchnost' iudaizma; kratkii ocherk proiskhozhdeniia i klassovoi sushchnosti iudeiskoi religii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 236 p. (Nauchno-populiarnaia seriia)

JUMPING

"How can you joke like that, dear doctor!" A.Starkov. Ogonek 38 no.32:6-7 Ag '60.

JUNIPER see subdivision under Transcarpathia

JUPITER (PLANET)—SPECTRA

Distribution of intensity on Jupiter's disk in methane absorption bands. V.G.Teifel'. Izv Kom.po fiz plan. no 1 93-101 '59.

JURINEA see subdivision under Soviet Central Asia

JUSTICE, ADMINISTRATION OF

(see also subdivision under Perm Province)

Anisimova, T.B., and S.V.Solov'eva. [Leninist principles of socialist legality] Leninskie printsipy sotsialisticheskoi zakonnosti. Moskva, Izd-vo "Znanie," 1960. 46 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.2, Filosofiia, no.23)

Brief news. Biul.Verkh Suda no 4 63 '60

We should persistently try to improve the forms and methods of public prosecutors' control over the observance of laws. D.Panasiuk. Sots.zakon. 37 no.6:20-23 Je '60.

We shouldn't reduce our control and inspection. Sov. iust. no.8 1-4 Jl '60.

The work of local soviets should contribute to the solution of new problems. V.D.Balkov, V.K.Vasenin. Sov. gos.i pravo no.7:102-107 Jl '60.

JUVENILE AUTOMOBILE DRIVERS

Provotorkhov, V.S. [Practical study of automobiles in secondary schools] Prakticheskie raboty po avtomobiliu v srednei shkole. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR, 1960. 143 p.

JUVENILE DELINQUENCY

The crimes of imperialistic militarism. A.Korneev. Prop.i agit. 41 no.9:48-51 My '60.

When a son goes astray.. IA.Shveitser Sem'ia i shkola 15 no 5,33-34 My '60

KABALEVSKII, DMITRII BORISOVICH, 1904-

"Morning song of spring and peace." G.P. Sov.muz. 24 no.6:143-144 Je '60.

KABANSK DISTRICT (BURYAT-MONGOLIA)—PARASITES—MAMMALS

Types of ectoparasites of the Kabansk District in the Buryat-Mongol A.S.S.R. L.V.Fedorova. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:299-309 '57.

KABARDINO-BALKAR A.S.S.R.—PENSIONS

Organizing the work on control and audit. Kh.Blianikhov. Sots.obesp. 21 no.6:14-16 Je '60.

KADIYEVKA—CITY PLANNING

Kadiyevka in the process of building. M.Pushkarev. Mast.ugl 9 no.5 21 My '60

KADMINA, EVLALIA PAVLOVNA

A familiar face. Anatolii Zhitnitskii Teatr 21 no 6 156-157 Je '60

KAKHOVKA RESERVOIR—INFUSORIA

Study of the Infusoria of the Kakhovka Reservoir [with summary in English]. V.V.Hurvych. Dop.AN URSR no.6:836-839 '60.

KALININ, NIKOLAI FILIPPOVICH, 1888-1959

N.F.Kalinin, obituary. Kh.G.Gimadi. Sov.arkheol. 4 no.2 315 '60.

KALININ—THEATERS

These are creative problems! E.Bolvinnikov. Teatr 21 no 6 101-105 Je '60

KALININ PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Propaganda centers. M.Karasev. Agitator no.14:43-46 Jl '60.

KALININ PROVINCE—INSURANCE, SOCIAL

Introduce progressive experience. Sots obesp. 21 no 5:22-23 My '60

KALININ PROVINCE—TECHNICAL EDUCATION

Exciting problems. I.R.Svistkov. Sred.spets.obr. 7 no.6:10-13 Je '60.

KALININ REGION—STONE AGE

Early neolithic site near the city of Kalinin. F.I.Ivanov. Sov.arkheol. 4 no.2:220-223 '60.

KALININGRAD—COMMUNIST YOUTH LEAGUE

Effective forms of work. N.Pankratov. Komsom.zhizn' no.11:4-6 Je '60.

KALININGRAD—WOODPULP

Controlling slime formation B N Sokolov, A S Ponomareva Bum prom 35 no 5 16-18 My '60

KALININGRAD PROVINCE—HEALTH RESORTS, WATERING PLACES, ETC.

"The most western" B Fedorov. Okhr truda i sots strakh 3 no 3:54-55 Mr '60

KALININGRAD PROVINCE—PARASITES

Ecologico-parasitological study of biocoenoses in some lakes of Kaliningrad Province. Report No.1: Parasite fauna of tailless amphibians [with summary in English]. M.N.Golikova. Zool.zhur. 39 no.7:984-994 Jl '60.

KALININGRAD PROVINCE—TAXODIACEAE, FOSSIL

Tertiary flora of the Kaliningrad Peninsula. Report No 3. I.N.Sveshnikova, L.IU.Budantsev Bot zhur 45 no 6, 871-875 Je '60.

KALMYK A.S.S.R.

Dzhimbinov, B.O. [The Soviet Kalmyk A.S.S.R.] Sovetskaia Kalmykiia. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 143 p.

KALMYK A.S.S.R.—GAS, NATURAL—GEOLOGY

Petroleum and gas geology of the Kalmyk A.S.S.R. M.S.Burshtar. Neftianik 5 no.6:28-29 Je '60.

KALMYK A.S.S.R.—PENSIONS

Interpreting pension legislation to the population. U.Badasheva. Sots.obesp. 21 no.6:19-20 Je '60.

KALMYK A.S.S.R.—PETROLEUM GEOLOGY

Petroleum and gas geology of the Kalmyk A.S.S.R. M.S.Burshtar. Neftianik 5 no.6:28-29 Je '60.

KALMYK A.S.S.R.—WELLS

Construction of shallow wells in the Kalmyk A.S.S.R. IA.M.Voron. Gidr.i mel. 12 no 5:45-47 My '60.

KALUGA—ACCOUNTING—STUDY AND TEACHING

We are training accountants for collective farms N.D.Ukhanova, L.M.Sidorenko Uchet i fin v kolkh.i sovkhoz 17 no 5 53 My '60

KALUGA PROVINCE—TECHNICAL EDUCATION

Train school personnel carefully. F.Isaichenkov. Prof.-tekh.obr. 17 no.5:14-15 My '60.

KAMCHATKA—DESCRIPTION

In the land of Kamchatka. V.A.Sorokin. Sov.mor. 20 no.8:18-19 Ap '60.

KAMCHATKA—GEYSERS

The valley of geysers S Smirnov Smena 37 no.11 20 Je '60

KAMCHATKA—METASOMATISM

Characteristics of hydrothermal differentiation at various depths of the hydrothermal infiltration process. M.M.Vasilevskii. Dokl.AN SSSR 133 no.3:661-664 Jl '60.

KAMCHATKA PROVINCE—AERONAUTICS

Airplane over Kamchatka L Novikov. Kryl rod 11 no 5,16 My '60.

KAMCHATKA PROVINCE—ECONOMIC CONDITIONS

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. Sektor prirodnykh resursov i ekonomiki Severa. [Problems in the development of the productive forces of Kamchatka Province] Problemy razvitiia proizvoditel'nykh sil Kamchatskoi oblasti. Moskva, 1960. 420 p.

KAMCHATKA VALLEY—FOREST ECOLOGY

Effect of volcanic deposits on forest vegetation in the central part of the Kamchatka Valley. V.V.Stefin. Dokl.AN SSSR 133 no.4:947-949 Ag '60.

KAMENETS-PODOLSKIY—TILES, ROOFING

Fulfilling labor tasks in honor of Lenin D Borysov Sil' bud 10 no 4 5-6 Ap '60

KAMENKA BUGSKAYA DISTRICT—AMATEUR THEATRICALS

Noble objectives. M.Kozenko. Sots.kul't. 13 no.7:28-29 Jl '60.

KAMENSK-URAL'SKIY—CHILDREN

The "street" has retreated. K.Evgen'ev. Klub 9 no.5:20-21 My '60.

KANASH—COURT RECORDS

Careless Themis of Kanash. Sov.iust. no.7:32 Jl '60.

KANAYEVKA (PENZA PROVINCE)—BRICK INDUSTRY

Production improves. N.Fedlashkin. Prom.koop. 14 no.6:21 Je '60.

KANINO-TIMANSKIY DISTRICT—INSECTS, INJURIOUS AND BENEFICIAL

Studying ectoparasites of the lemming Dicrostonyx torquatus Pall. [with summary in English]. I.M.Grokhovskaia. Zool.zhur. 39 no.7 1093-1095 Jl '60.

KANSK—GLUCOSE

Mastering the technology of the production of food glucose from wood. G.I.Gorokhov, I.V.Korsakov. Gidroliz.i lesokhim.prom. 13 no.5:26-30 '60.

KANSK—YEAST

Polarographic analysis in hydrolysis and sulfite alcohol production processes. Report No.2: Investigating the process of solution of oxygen during the cultivation of yeasts. L.A.Samokhvalov, M.S.Shul'man. Gidroliz.i lesokhim.prom. 13 no.4:4-7 '60.

KANSU PROVINCE—NEMATODA

Lung nematode fauna of sheep in Kansu Province Chinese People's Republic. Hsu Shuo-t'ai, S.N.Boev. Trudy Inst.zool.AN Kazakh.SSR 12:109-114 '60.

KAOLIN

Role of quartz in kaolin refractory products. B.V.Ivanov, D.S.Rutman, L.V.Vinogradova. Trudy IGEM 42:51-57 '60.

KAOLINITE

Determining the kaolinite structure by electron diffraction. D.B.Zviagin. Kristallografiia 5 no.1:40-50 Ja-F '60.

KAPRANOV, GRIGORII MATVEEVICH, 1906-1960

Grigorii Matveevich Kapranov (obituary). Sots.obesp. 21 no.6:64 Je '60.

KARA-CHATYR RANGE—FORAMINIFERA, FOSSIL

Foraminifera from Aravanian layers of the Kara-Chatyr Range. O.I.Bogush. Paleont.zhur. no.2:3-16 '60.

KARA-KALPAK—ECONOMIC CONDITIONS

Some problems in the development of the Kara-Kalpak economy from the historical and geographical point of view. T Tadzhimov. Izv.Uzb.fil.Geog.ob-va 4 51-62 '60.

KARA-KALPAK—SUSLIKS

Materials on the biology of the suslik Spermophilopsis leptodactylus Licht in the Kara-Kalpak area of the Kyzyl-Kum. A.I.Diatlov. Trudy Inst zool.AN Kazakh.SSR 13:37-44 '60.

KARA KUM—GEOLOGY

Salt dome uplifts in the Kara Kum and the age of their sediments. R.E.Aizberg, N.N.Kamyshev. Geol.nefti i gaza 4 no.6:26-30 Je '60.

KARA KUM—GERBILS

Effect of the greater gerbil (Rhombomys opimus) on vegetation in the black saksaul groves of eastern Kara Kum [with summary in English]. IU.F.Sapozhenkov. Biul.MOIP.Otd.biol. 65 no.3:20-27 My-Je '60.

KARA KUM—LIZARDS

Meeting with a Varanidae lizzard. IU.Shupliakov. Ogonek 38 no.31:27 Jl '60.

KARA KUM—SAND
Ostrovskii, I.M. [Relief of sands in the western area of the low-lying part of the Kara Kum] Rel'ef peskov zapadnoi chasti Nizmennykh Karakumov. Moskva, Izd-vo Akad.nauk SSSR, 1960. 92 p.

KARA KUM—WINDS
Ostrovskii, I.M. [Relief of sands in the western area of the low-lying part of the Kara Kum] Rel'ef peskov zapadnoi chasti Nizmennykh Karakumov. Moskva, Izd-vo Akad.nauk SSSR, 1960. 92 p.

KARA-MAZAR MOUNTAINS—CHALCOPYRITE
Comparative study of chalcopyrite and molybdenum from Kara-Mazar ore deposits. S.T.Badalov. Zap.Uz.otd.Vses.min.ob-va no.13:52-61 '59.

KARA-MAZAR MOUNTAINS—GALENA
Galenites from the southwestern Kara-Mazar Mountains. M.R.Enikeev. Zap.Uz.otd.Vses.min.ob-va no.13:14-34 '60.

KARA-MAZAR MOUNTAINS—MOLYBDENUM
Comparative study of chalcopyrite and molybdenum from Kara-Mazar ore deposits. S.T.Badalov. Zap.Uz.otd.Vses.min.ob-va no.13:52-61 '59.

KARA-MAZAR MOUNTAINS—SPHALERITE
Sphalerites in the southwestern Kara-Mazar Mountains. M.I.Moiseeva. Zap.Uz.otd.Vses.min.ob-va no.13:35-51 '60.

KARA SEA—HYDROLOGY
Special features of winter vertical circulation in zones of a shore runoff influence. K.D.Sabinin. Vest.Mosk.un.Ser.5:Geog. 15 no.3:37-41 My-Je '60.

KARA SEA—ICE
Role of winds in the destruction of shore ice. IU.V.Tarbeev. Trudy Okean.kom. 7:110-120 '60.

KARACHAI-CHERKESS AUTONOMOUS PROVINCE—BRONZE AGE
Late Bronze epoch findings in the Karachai-Cherkess Autonomous Province. E.P.Alekseeva. Sov.arkheol. 4 no.2:236-241 '60.

KARACHI REGION—MINERAL WATER BIOLOGY
Mass death of animals in mineralized and self-precipitating lakes of Western Siberia and northern Kazakhstan [with summary in English]. N.K.Dekabakh. Zool.zhur. 39 no.7:1086-1090 Jl '60.

KARAEV, KARA ABUL'FAZ, 1918-
Karagicheva, L.V. ["Seven beauties", and "Tropical thunder"; ballets by Kara Karaev] Balety Kara Karaeva: "Sem' krasavits," "Tropoiu groma." Moskva, Gos.muzykal'noe izd-vo, 1960. 86 p.

KARAGANDA—BORING
Similarity of rock breaking processes. F.M.Gel'fand. Ugol' 35 no.5:57-60 My '60.

KARAGANDA—RESEARCH, INDUSTRIAL
Departments of the institute should serve production. A.Saginov, A.Poliakov. Nar.khoz.Kazakh. 10 no.5:68-69 My '60.

KARAGANDA BASIN—COAL MINERS
Production leader. Mast.ugl. 9 no.6:14-15 '60.

KARAGANDA BASIN—COAL MINES AND MINING
Attaining the rated capacity of the mine No.38. N.G.Gul'nitskii, M.V.Padiukov, I.G.Babaev. Ugol' 35 no.7:23-25 Jl '60.

Increase of labor productivity and improvement of coal quality are the main objectives in the development of coal mining in the Karaganda Economic Region. D.F.Dratchenko. Ugol' 35 no.7:9-13 Jl '60.

Introduce hydraulic coal mining in the Karaganda Basin. Sh.Altaev. Nar.khoz.Kazakh. 10 no.5:18-21 My '60.

Mechanization and automatization of coal mining. P.K.Alekhin. Ugol' 35 no.7:16-18 Jl '60.

Problems which must be solved immediately. F.Lopatko. Nar.khoz.Kazakh. 10 no.5:22-24 My '60.

KARAGANDA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Potentialities for the increase of labor productivity in connection with the mechanization of stoping operations. A.D.Shortanbaev. Ugol' 35 no.7:13-15 Jl '60.

Ways to increase labor productivity in the "Kirov" Mine no.3 of Karagandaugol' Combine. K.G.Kolodub, B.V.Semenov. Ugol' 35 no.7:20-23 Jl '60.

KARAGANDA BASIN—COAL MINING MACHINERY
Group of cutter-loaders. Tekh.mol. 28 no.6:8 '60.

KARAGANDA BASIN—COAL PREPARATION
Improving the coal preparation methods in Karaganda coal preparation plants. V.A.Ruban. Ugol' 35 no.7:35-36 Jl '60.

Pneumatic processes for coal preparation used in the Karaganda Basin. V.B.Myslitskii. Ugol' 35 no.7:36-37 Jl '60.

KARAGANDA BASIN—HYDRAULIC MINING
Introduce hydraulic coal mining in the Karaganda Basin. Sh.Altaev. Nar.khoz.Kazakh. 10 no.5:18-21 My '60.

Problems which must be solved immediately. F.Lopatko. Nar.khoz.Kazakh. 10 no.5:22-24 My '60.

KARAGANDA BASIN—MINE TIMBERING
Conditions for the support of workings in the new sections of the Karaganda Basin. G.G.Lartsev, V.K.Mizberg. Ugol' 35 no.7:25-28 Jl '60.

KARAGANDA ECONOMIC REGION—JOURNALISM—CONSTUCTION INDUSTRY
Let's summon construction workers to great achievements. Part.zhizn' Kazakh. 30 no.7:72-76 Jl '60.

KARAKORUM, MONGOLIA—MONASTERIES
Erdeni-dzu. Erdenetsokto. Sovr.Mong. no.1:30 Ja 1 '58.

KARASUYSKIY DISTRICT—VEGETABLE GARDENING
Fresh vegetables all year round! Uzbekiston 10 no.6:6 Je '59

KARATAI, ALIAKSANDR, 1909-
For adults as well as for the youngest ("Who makes the weather?" A fairy tale in verse by Maksim Luzhanin. Reviewed by R. Piatukhouskaia). Belarus' 17 no.8:30 Ag '60.

KARELIA—LABOR AND LABORING CLASSES—MEDICAL CARE
Man's health is at the center of attention of the party organization of Karelia. A Korbetov. Okhr.truda i sots.strakh. 3 no.3:15-18 Mr '60

KARELIAN ISTHMUS—HYDROGRAPHY
Hydrological characteristics of the Karelian Isthmus. R.A.Filenko. Uch.zap.LGU no.293:100-130 '60.

KARELIAN ISTHMUS—SOILS—COMPOSITION
Chemicomineralogical characteristics of soils in the central part of the Karelian Isthmus [with summary in English]. B.P.Gradusov. Pochvovedenie no.7:51-61 '60.

KARIM, MUSTAI, 1919-
Mustai Karim. D.Ekhentov. Oktiabr' 37 no.6:207-213 Je '60.

KARKARALINSK REGION—ROCKS, IGNEOUS
Interrelationships of granitoids of the Karkaralinsk intrusion in central Kazakhstan. N.P. Anikeeva. Trudy VSEGEI no.27:118-150 '60

KARST
(see also subdivision under Crimea)

Consolidating foundations with thermokarst cavities. D.V.IAtsenko. Osn.,fund.i mekh.grun. 2 no.1:27-28 '60.

KARYOKINESIS
Mitotic and amitotic division of plant cells [with summary in English]. A.P.Chel'tsova. Izv.AN SSSR.Ser.biol. no.3:451-458 My-Je '60.

KARZHANTAU RANGE—CONICHALCITE
Conichalcite from the Karzhantau Range in southern Kazakhstan. P.A.Dunin-Barkovskaia. Zap.Uz.otd.Vses.min.ob-va no.13:121-127 '59

KARZHAVIN, FEDOR VASIL'EVICH, 1745-1812
F.V.Karzhavin and his journey to America. A.I.Startsev Ist.SSSR 4 no.3:132-139 My-Je '60.

KASHKA-DAR'YA PROVINCE—AGRICULTURE—MAPS
Some considerations in preparing narrow-field agricultural maps for a province. I.P.Levashova, G.V.Gal'kov. Izv.Uzb.fil.Geog.ob-va 4:61-67 '60

KASHKA-DAR'YA PROVINCE—ARTISANS
Artisan organization in Central Asia at the end of 19th and beginning of 20th century. P.M.Peshchereva. Krat.soob.Inst.etn. no.33:39-46 '60.

KASHKA-DAR'YA PROVINCE—ETHNOLOGY
Ethnic and territorial groups of population in the northeastern part of Kashka-Dar'ya Province, Uzbek S.S.R. B.Kh.Karmysheva. Krat.soob.Inst.etn. no.33:47-59 '60.

KATANGA—POLITICS AND GOVERNMENT
"Operation Katanga." V.Sidenko. Nov.vrem. 18 no.31:5-6 Jl '60.

KATAYA, SEN, 1859-1933
One hundredth anniversary of the birth of Sen Katayama. A.I.Permiakova. Nov.i noveish.ist. no.2:198 '60.

KATTA-KURGAN DISTRICT—COLLECTIVE FARMS
Man has arrived.... M.Kodirov. Uzbekiston 10 no.6:9 Je '59.

KATTA-KURGAN RESERVOIR—CARP
Materials on the feeding and growth rate of Chalcalburnus chalcoides aralensis Berg in Katta-Kurgan Reservoir. M.V.Pavlova. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:153-159 '59.

KATTA-KURGAN RESERVOIR—FISHES—FOOD
Feeding and food relationships of fishes in Katta-Kurgan Reservoir and utilization of the food supply by them. M.V.Pavlova. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:117-152 '59.

KAUNAS HYDROELECTRIC POWER STATION
Competition of [illegible] and [illegible]. [illegible]

KAVALIOU, PAVEL
"My small friends", stories by Pavel Kavaliou. Reviewed by M. [illegible]. Belarus' 17 no.7:30 Jl '60.

KAYLASHEV—PIKAS
Peculiarities in reproduction of Daurian pikas. [illegible]

KAZAKH DRAMA—HISTORY AND CRITICISM
We must get off the beaten path. A. [illegible] Ag '60.

KAZAKH LITERATURE—HISTORY AND CRITICISM
Auezov, M.O. [illegible] Alma-Ata, [illegible] 1959. 544 p.

Karataev, M. [illegible] [Born of the October revolution; articles and [illegible] literature] [illegible] Alma-Ata, [illegible] 1959. 374 p.
(KAZ)

KAZAKHSTAN—AGRICULTURE
[illegible]

[illegible]

[illegible]

[illegible]

KAZAKHSTAN—ALGAE, FOSSIL
[illegible]

KAZAKHSTAN—ALFALFA
[illegible] Nar.khoz.Kazakh. 10 no.5:91-92 My '60.

KAZAKHSTAN—AMPHIBIA
[illegible]

KAZAKHSTAN—AUTOMATION
Falling [illegible] materials. [illegible] Nar.khoz.Kazakh. 10 no.5:90 My '60.

KAZAKHSTAN—BEE CULTURE
[illegible] Alma-Ata, 1957. 45 p.
(KAZ)

KAZAKHSTAN—BUILDING MATERIALS INDUSTRY
Increase aid to enterprises [illegible] building materials. [illegible] Nar.khoz.Kazakh. 10 no.5:76-77 My '60.

KAZAKHSTAN—[illegible]
[illegible]

KAZAKHSTAN—CATTLE BREEDING—MEDICAL AID
Medical care for cattle [illegible]. M.A. Nigmatullin, [illegible] Nar.khoz.Kazakh. 10 no.5:10-18 '60.

KAZAKHSTAN—[illegible]
[illegible]

[illegible]

KAZAKHSTAN—CHEMICAL INDUSTRY
Develop the chemical industry faster. [illegible] Nar.khoz.Kazakh. 10 no.5:[illegible] My '60.

KAZAKHSTAN—COLLECTIVE FARMS—INTERFARM COOPERATION
Consolidate intercollective farm building organizations. M.Beisbaev. Nar.khoz.Kazakh. 10 no.5:[illegible] My '60.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party news. Part.zhizn' Kazakh. 30 no.5:79-80 My '60.

Party news. Part.zhizn' Kazakh. 30 no.7:79-80 Jl '60.

KAZAKHSTAN—COMMUNIST YOUTH LEAGUE

Members of the Communist Youth League are helping. M.Tkachenko. Pozh.delo 6 no.7:30 Jl '60.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

[illegible] and use production potentials ably. M. Amati- [illegible]. Nar.khoz.Kazakh. 18 no.5:31-34 My '60.

[illegible] production planning and business accounting [illegible]" by M. A. Amat[illegible]. Reviewed by [illegible]. [illegible] no.6:70-71 Je '60.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE

Business accounting in the section of the work superintendent and foreman. K.Beliavskii. Nar.khoz. Kazakh. 18 no.5:25-28 My '60.

KAZAKHSTAN—CONSTRUCTION WORKERS

A blast furnace and people. V. Nikolaev. Smena 37 no.13:6-7 Jl '60.

KAZAKHSTAN—ECOLOGY

[illegible] biological complexes of newly reclaimed [illegible] Kazakhstan. B.A.Bykov. Vest.AN Kazakh. [illegible] no.5:65-66 My '60.

KAZAKHSTAN—ECONOMIC CONDITIONS

[illegible] studies of the economic geography of eastern Kazakhstan. B.P.Ivanov and others. Vest. Mosk.un.Ser.5:Geog. 15 no.3:43-47 My-Je '60.

What do results of the four months of 1960 show. Nar. khoz.Kazakh. 18 no.5:93-95 My '60.

KAZAKHSTAN—ECONOMIC POLICY

In the Kazakh S.S.R. State Planning Commission. Nar. khoz.Kazakh. 18 no.5:89-90 My '60.

KAZAKHSTAN—EDUCATION

In the Committee on Higher and Secondary Special Education of the Council of Ministers of the Kazakh S.S.R. Sred.spets.obr. 7 no.6:63-64 Je '60.

KAZAKHSTAN—EFFICIENCY, INDUSTRIAL

Increase the ranks of participants in socialist competition. Part.zhizn' Kazakh. 30 no.5:19-20 My '60.

KAZAKHSTAN—ELECTRIC POWER DISTRIBUTION

Use all means for reducing the use of electric power. [illegible]. Nar.khoz.Kazakh. 18 no.5:64-65 My '60.

KAZAKHSTAN—ELECTRICITY IN AGRICULTURE

Electrification of agriculture is a matter of state importance. G.Chadiarov. Nar.khoz.Kazakh. 18 no.5:[illegible] 53 My '60.

KAZAKHSTAN—ENSILAGE

Some problems in ensiling feed in Kazakhstan [in Kazakh with summary in Russian]. N.Akhmanov, Sh.Shulakov. Vest.AN Kazakh.SSR 16 no.6:8-13 Je '60.

KAZAKHSTAN—EROSION

[illegible] Lashkevich. Novyi mir 36 no.6 [illegible] Je '60.

KAZAKHSTAN—FARM BUILDINGS

Consolidate intercollective farm building organizations. M.Bostaev. Nar.khoz.Kazakh. 18 no.5:57-59 My '60.

KAZAKHSTAN—FARM LIFE

[illegible] "There will be bread" [illegible]. Ogonek [illegible] no.24:[illegible] Je '60.

KAZAKHSTAN—FARM MECHANIZATION

Our machine operators on the collective farms of Kazakhstan. [illegible]. Prof.-tekh.obr. 17 no.5:32-34 My '60.

KAZAKHSTAN—FIELD MICE

Ecology of the voles Lagurus lagurus and Microtus gregalis in northern Kazakhstan. F.I.Strautman, I.G. Shubin. Trudy Inst.zool.AN Kazakh.SSR 13:45-53 '60.

KAZAKHSTAN—FIRE PREVENTION

Members of the Communist Youth League are helping. M.Tkachenko. Pozh.delo 6 no.7:30 Jl '60.

KAZAKHSTAN—GEOLOGICAL SURVEYS

Increase the effectiveness of geological surveys. V.Ma-[illegible] and others. Nar.khoz.Kazakh. 18 no.5:11-14 My '60.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Pre-Cambrian in Bet-Pak-Dala and adjacent regions in Kazakhstan. N.G.Markova. Izv.vys.ucheb.zav.;geol. i razv. 3 no.4:3-15 Ap '60.

KAZAKHSTAN—GEOLOGY, STRUCTURAL

Basic stages in the development of the relief of the western Kazakh Hills and northern Bet-Pak-Dala. V.E.Malinovskii. Izv.vys.ucheb.zav.;geol.i razv. 3 no.4:34-43 Ap '60.

Characteristics of the distribution of Hercynian granitic intrusions in central Kazakhstan. T.V.Perekalina. Dokl.AN SSSR 133 no.1:202-204 Jl '60.

KAZAKHSTAN—GERBILS

Contact of the greater gerbil with susliks in the deserts of Kazakhstan. M.I.Ismagilov. Trudy Inst.zool.AN Kazakh.SSR 13:67-77 '60.

KAZAKHSTAN—GRAIN

A sharp expansion of the grain economy in Kazakhstan, 1954-1958. B.Karamendin. Nauch.dokl.vys.shkoly; ekon.nauki no.2:130-140 '60.

KAZAKHSTAN—HISTORY

Comprehensive study of the history of Soviet Kazakhstan ("History of the Kazakh S.S.R. Vol.2. The epoch of socialism" Reviewed by P. Pakhmurnyi and others). Part.zhizn' Kazakh. 30 no.5:67-75 My '60.

KAZAKHSTAN—INDUSTRIES

Carrying out Lenin's decree on workers' control in Kazakhstan industry. P.I.Togov. Vest.AN Kazakh. SSR 16 no.4:57-66 Ap '60.

Let's accelerate the development of technological progress. Part.zhizn' Kazakh. 30 no.7:3-9 Jl '60.

Principal line of industrial development. M.Iaenov. Part.zhizn' Kazakh. 30 no.7:29-34 Jl '60.

KAZAKHSTAN—INSURANCE, AGRICULTURAL

An important means for strengthening the collective farm economy. B.Bekenov. Nar.khoz.Kazakh. 18 no.5:54-56 My '60.

KAZAKHSTAN—LABOR AND LABORING CLASSES—DWELLINGS

For the rapid development of dwelling construction. Part.zhizn' Kazakh. 30 no.7:25-28 Jl '60.

KAZAKHSTAN—LABORATORIES

New laboratories. Vest.AN Kazakh.SSR 16 no.6:92 Je '60.

KAZAKHSTAN—MANUFACTURES

Azirov, A.K., V.I.Abrosimov, and A.F.Kudriavtseva. [Light industry of Kazakhstan and prospects for its development] Legkaia promyshlennost' Kazakhstana i perspektivy ee razvitiia. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 245 p.

KAZAKHSTAN—MAPS

Maps of Central Asia, Kazakhstan and adjoining lands, prepared by Ivan [illegible]. R.L.Ilgat. Izv.Uzb.fil. Geog.ob-va 4:110-122 '60.

KAZAKHSTAN—MEDICINE

Session on the history of medicine and public health. Zdrav.Kazakh. 18 no.1:78 '58.

KAZAKHSTAN—MEDICINE—STUDY AND TEACHING

Specialization and post-graduate training of physicians. Zdrav.Kazakh. 18 no.1:79 '58.

KAZAKHSTAN—METALLURGICAL PLANTS

A blast furnace and people. V.Nikolaev. Smena 37 no.13:6-7 Jl '60.

KAZAKHSTAN—MINE ACCIDENTS

Prevention of traumatism among miners. G.K.Tkachenko. Zdrav.Kazakh. 18 no.1:76-77 '58.

KAZAKHSTAN—MUSKRATS

Ecology of the muskrat in northern Kazakhstan. I.I. Strautman. Trudy Inst.zool.AN Kazakh.SSR 13:3-17 '60.

KAZAKHSTAN—PARASITES

Ectoparasites of the domestic dog in Kazakhstan. N.A. Bezukladnikova. Trudy Inst.zool.AN Kazakh.SSR 13:236-240 '60.

KAZAKHSTAN—PASTURES AND MEADOWS—IRRIGATION

Basin snow-water irrigation as an important source of feed production. M.S.Sabirov, I.N.Kim. Gidr.i mel. 12 no.6:1-9 Je '60.

KAZAKHSTAN—PHYSICAL GEOGRAPHY

Akademiia nauk SSSR. Sovet po izucheniiu proizvoditel'nykh sil. [Division of northern Kazakhstan into natural regions. Kustanay Province, north Kazakhstan Province, Kokchetav Province, Akmolinsk Province, and Pavlodar Province] Prirodnoe raionirovanie Severnogo Kazakhstana, Kustanaiskaia, Severo-Kazakhstanskaia, Kokchetavskaia, Akmolinskaia i Pavlodarskaia oblasti. Moskva, 1960. 468 p. 3 karty.

Landform characteristics of the northeastern Aral Sea region and southwestern borderland of the Kazakh Hills. A.V.Chigarkin. Trudy Sekt.geog.AN Kazakh.S.S.R. no.6:3-33 '60.

KAZAKHSTAN—PHYTOGEOGRAPHY—MAPS

Compiling the vegetation map of northern Kazakhstan. T.I.Isachenko and others. Bot.zhur. 45 no.5:703-706 My '60.

KAZAKHSTAN—PLOWS

Grains will grow here. Znan.sila 35 no.5:13 My '60

KAZAKHSTAN—PUBLIC HEALTH

Toward a new expansion of the public health system of Kazakhstan. Zdrav.Kazakh. 18 no.1:3-10 '58.

KAZAKHSTAN—PUBLIC HEALTH ADMINISTRATION

Protecting the Soviet people's health. Part.zhizn' Kazakh. 30 no.5:21-23 My '60.

KAZAKHSTAN—RECLAMATION OF LAND

"Bringing under cultivation the virgin and waste lands of Kazakhstan." Reviewed by V.F. Mel'nikov. Sov. bibl. no.3:141-143 '60.

Utilize the natural resources of reclaimed land more fully. N.Sokolov. Nar.khoz.Kazakh. 18 no.5:44-49 My '60.

KAZAKHSTAN—REED (BOTANY)

Investigating the hydrocarbon composition of reeds. Kh.M.Mirfaizov, M.I.Gorlaev. Gidroliz.i lesokhim. prom. 13 no.3:4-6 '60.

KAZAKHSTAN—REPTILES

Amphibian and reptile fauna of western Kazakhstan. K.P. Paraskiv, P.M.Batovskii. Trudy Inst.zool.AN Kazakh. SSR 13:140-150 '60.

KAZAKHSTAN—RESEARCH

Scientific councils to deal with the most important problems. Vest.AN Kazakh SSR 16 no.6:81 Je '60

KAZAKHSTAN—SCIENTIFIC BUREAUS

The main thing in technical propaganda is its effectiveness. N.Ovchinnikov. Nar.khoz.Kazakh. 18 no.5:74-77 My '60.

KAZAKHSTAN—SHREWS

Studying the biology and geographical distribution of shrews in northern Kazakhstan. I.V.Karaseva, A.I. Il'enko. Trudy Inst.zool.AN Kazakh.SSR 13:78-92 '60

KAZAKHSTAN—SOCIAL LIFE AND CUSTOMS

Significance of national customs and traditions. N.S. Sarsenbaev. Vop.filos. 14 no.7:147-151 '60

KAZAKHSTAN—SOCIALIST COMPETITION

Scouts of the future. Nar.khoz.Kazakh. 18 no.5:36-43 My '60.

KAZAKHSTAN—SOIL RESEARCH

Research at the Institute of Soil Science. V.M.Borovskii. Vest.AN Kazakh.SSR 16 no.4:84-85 Ap '60.

KAZAKHSTAN—STATE FARMS

Utilize the natural resources of reclaimed land more fully. N.Sokolov. Nar.khoz.Kazakh. 18 no.5:44-49 My '60.

KAZAKHSTAN—STONE AGE

Discovery of the lower Paleolithic in Kazakhstan. Kh.Alpysbaev. Vest.AN Kazakh.SSR 16 no.5:59-61 My '60.

KAZAKHSTAN—SUSLIKS

Age characteristics of the yellow suslik (Citellus fulvus oxianus Thom.) Kh.Kydyrbaev. Trudy Inst.zool.AN Kazakh.SSR 13:150-169 '60

Contact of the greater gerbil with susliks in the deserts of Kazakhstan. M.I.Ismagilov. Trudy Inst.zool.AN Kazakh.SSR 13:67-77 '60

KAZAKHSTAN—TAPEWORMS

Specific independence of the cestode Moniezia alba parasitic in cattle. V.I.Bondareva. Trudy Inst.zool.AN Kazakh.SSR 12:140-144 '60.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS

News of science and technology. Nar.khoz.Kazakh. 18 no.5:91-92 My '60.

KAZAKHSTAN—THEATER

We must get off the beaten path. A.Mambetov. Teatr 21 no.8:85-88 Ag '60.

KAZAKHSTAN—TICKS AS CARRIERS OF DISEASE

Distribution of the tick Argas reflexus in Kazakhstan. M.P.IAkunin. Trudy Inst.zool.AN Kazakh.SSR 12: 221-225 '60.

Recent data on the distribution of the tick Rhipicephalus schulzei Olenev, 1929, in Kazakhstan. G.V.Ushakova. Trudy Inst.zool.AN Kazakh.SSR 12:210-220 '60.

KAZAKHSTAN—TOBACCO—VARIETIES

Quality of hybrid tobacco plants. Zh.Lukpanov. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3:101-104 '60.

KAZAKHSTAN—TRADE UNIONS

Efficient organizers and educators of the masses. Part. zhizn' Kazakh. 30 no.7:10-15 Jl '60.

KAZAKHSTAN—TRAFFIC VIOLATIONS

How our courts implement the decrees of the Presidium of the Supreme Soviet of the Kazakh S.S.R. on traffic offenses. M.Valiev. Izv.AN Kazakh.SSR.Ser.ekon., filos.i prava no.1:47-61 '60.

KAZAKHSTAN—TUBERCULOSIS

Survey of the activity of the antituberculosis institutions of the republic. Zdrav.Kazakh. 18 no.1:79 '58.

KAZAKHSTAN—WATER—FLUORIDATION
Fluorine in the potable waters of Kazakhstan and endemic fluorosis. L.N. Krepkogorskii. Zdrav. Kazakh. 18 no.1:28-35 '58.

KAZAKHSTAN—WATER, UNDERGROUND—MAPS
Methods involved in compiling a hydrogeological map of Kazakhstan. U.M. Akhmedsafin. Vest. AN Kazakh. SSR 16 no.5:27-32 My '60.

KAZAN—AMPUTEES—REHABILITATION
In the Kazan vocational and technical school for the physically handicapped. I. Kinler. Sots. obesp. 21 no.6 37-38 Je '60.

KAZAN—GLIDING AND SOARING
"Start" tow truck for gliders. V. Korchagin. Kryl. rod. 11 no.7:21 Jl '60.

KAZAN—PRINTERS—DISEASES AND HYGIENE
Influence of working conditions on the health and incidence of disease among linotypists of the Kazan Press Combine. A.G. Rachevskii. Kaz. med. zhur. 40 no.5: 66-69 S-O '59.

KAZAN—RAILROADS—EMPLOYEES
V.A. Pol'shchikov's brigade of communist labor. V.S. Evseev. Avtom., telem. i sviaz' 4 no.7:39-40 Jl '60.

KAZHLAEV, MURAD, 1931-
Murad Kazhlaev. R. Shaverdian. Sov. muz. 24 no.7:43-45 Jl '60.

KEDRIN, DMITRII BORISOVICH, 1907-1945
Unpublished verse of D. Kedrin. Sov. Ukr. 10 no.7: 120-121 Jl '60.

KELLER, GOTTFRIED, 1819-1890
The place of Gottfried Keller among the German realists of the second half of the 19th century. A.N. Zuev. Uch. zap. Kaf. zarub. lit. MGPI no.4 81-94 '59.

KELLERMANN, BERNHARD, 1879-
Bourgeois intellectual degradation in fascist Germany as depicted in B. Kellermann's "Dance of death." I. Zhdannikova. Uch. zap. Kaf. zarub. lit. MGPI no.4:115-127 '59.

KENTAU—FACTORY LIBRARIES
Growing interest in technological literature. O. Shildakhina. Part. zhizn' Kazakh. 40 no.7:43-45 Jl '60.

KERATIN
States of aggregation of high molecular weight compounds. Part 7: Effect of temperature on the state of keratin [with summary in English]. R.I. Fel'dman. Koll. zhur. 22 no.3:351-356 My-Je '60.

KERCH—COINS, GREEK
On the tutelary significance of griffins on Panticapaeum coins of the fourth century B.C. Krat. soob. Inst. arkheol. AN URSR no.9:90-92 '60.

KERCH—EXCAVATIONS (ARCHAEOLOGY)
Archaeological excavations at Panticapaeum, 1954-1958. V.D. Blavatskii. Sov. arkheol. 4 no.2:168-194 '60.

KERCH PENINSULA—DIATOMS, FOSSIL
New interesting diatoms from Maeotic deposits of the Black Sea region. A.I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 13:54-66 '60.

KERCH STRAIT—OCEAN CURRENTS
Numerical forecasting of currents in the northern narrow of the Kerch Strait. A.A. Timonovich. Trudy Okean. kom. 7:137-145 '60.

KERMAN PROVINCE, IRAN—ANABASIS (BOTANY)
A new species of the genus Anabasis from Iran. M.M. Il'in. Bot. mat. Gerb. 20:137-138 '60.

KEROSENE
Catalytic cracking of thermally cracked kerosene. N.M. Indiukov, M.F. Kabanova. Khim. i tekh. topl. i masel 5 no.5:8-11 My '60.

KETMEN RANGE—PALEOBOTANY, STRATIGRAPHIC
Finds of upper Triassic flora in the Ketmen Range. T.R. Orlovskaia. Vest. AN Kazakh. SSR 16 no.6:82-84 Je '60.

KETONES
Chemiluminescence in reactions of acyl chlorides with amines and ketones. S.G. Entelis and others. Zhur. fiz. khim. 34 no.7:1651 Jl '60.

Chemistry of vinylacetylene. Report No. 10: Condensation of vinylacetylenic hydrocarbons with ketones in the presence of sodium hydroxide powder. S.A. Vartanian, G.A. Chukhadzhian. Izv. AN Arm. SSR. Khim. nauki 12 no.6:413-416 '59.

Polymerization of substituted divinyl ketones with ring formation. S.G. Matsoian, M.G. Avetian. Zhur. ob. khim. 30 no.7:2431-2432 Jl '60.

KETONES—SPECTRA
Paramagnetic resonance spectra of some aromatic and aliphatic metal ketyls in solutions. V.M. Kazakova, IA.K. Syrkin. Dokl. AN SSSR 133 no.1:112-114 Jl '60.

KEW, ROYAL GARDENS
Two-hundredth anniversary of the Royal Botanic Gardens of Kew. K.T. Sukhorukov. Izv. AN SSSR. Ser. biol. no.3:465-469 My-Je '60.

KEYV RANGE—GNEISS
Cases of alkaline metasomatism in gneisses of the eastern part of the central watershed of the Kola Peninsula (Keyv Range). L.IA. Kharitonov. Uch. zap. LGU no.291:179-201 '60.

KEZHUN, BRONISLAV
"Baltic dawns", verse and songs by Bronislav Kezhun. Reviewed by V. Dmitriev. Zvezda no.6:210 Je '60.

KHABAROVSK—AIRPORTS
Pointed comments of worker correspondents. N. Tulkin. Grazhd. av. 17 no.6:10 Je '60.

KHABAROVSK—FLEAS
Number of gray rats and the fleas parasitic on them in Khabarovsk. O.I. Kozlovskaia, M.A. Garbuzov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:65-71 '58.

KHABAROVSK—KIDNEYS—DISEASES
Epidemiology of infectious hemorrhagic nephrosonephritis in Khabarovsk. A.D. Kolmykov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:161-170 '59.

KHABAROVSK REGION—TREES
Seasonal rhythm of development of arboreal plants in the environs of Khabarovsk. [illegible] Biul. Glav. bot. sada no. [illegible]:101-106 '60.

KHABAROVSK TERRITORY—EDUCATION—CONGRESSES
The first territory-wide methodological conference. V.S. Militsin. Sred. spets. obr. 7 no.6:46-47 Je '60.

KHABAROVSK TERRITORY—FLEAS
Materials on the ecology of Ctenophthalmus fleas in Khabarovsk Territory. O.I. Kozlovskaia, A.A. Demidova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:47-64 '58.

Types of fleas (Aphaniptera) among rodents from districts located along the Ussuri River in Khabarovsk Territory. O.I. Kozlovskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:109-115 '58.

KHABAROVSK TERRITORY—PARASITES—RODENTIA
Ectoparasites of the muskrat (Ondatra zibethica L.) and its contacts with other rodents in Khabarovsk Territory. M.A. Garbuzov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:111-116 '58.

KHABAROVSK TERRITORY—PUBLIC HEALTH
We try to improve the work of hospitals and clinics. I. Chelyshev. Sov. deput. trud. no.7:69-71 Jl '60.

KHACHATURIAN, ARAM IL'ICH, 1904-
A trip abroad. Sov. muz. 24 no.6:170-173 Je '60.

KHADZHARAN—NONFERROUS METALS—METALLURGY
Filtration studies of the tailing storage pond at the Kadzharan Copper Molybdenum Combine. V.M. [illegible]kov. Tsvet. met. 33 no.5:10-11 My '60.

KHAKASS AUTONOMOUS PROVINCE—COAL MINES AND MINING
"Coal resources of Khakass and potentials of their development" by L.V. Semenov. Reviewed by A. Kotyrev. Mast. ugl. 9 no.7:28 Jl '60.

KHALIPA, IAKOV NIKOLAEVICH
Road to mastery. D. Dmitriev, IU. Kolter. IUn. tekh. 4 no.5:7 My '60.

KHALOV, PAVEL VASIL'EVICH
The [illegible] ("[illegible]") by Pavel Khalov. Reviewed by [illegible]. Oktiabr' 37 no.6:217 Je '60.

KHAMZA, KHAKIM-ZADE NIIAZI, 1889-1929
"The founder of Soviet Uzbek literature ("Khamza"), an essay on his life and works by IU. Sultanov. Reviewed by A. Boltol. Vop. lit. 4 no.7:220-221 Jl '60.

KHANGHAI MOUNTAINS—FLEAS
Note on rodent fleas of the northwestern part of the Khangai Mountains. G.I. Vasil'ev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:41-47 '58.

KHARKOV—AIRPLANES—MODELS
Our airfield for model planes. B. Bil'man. Kryl. rod. 11 no.5:23 My '60.

KHARKOV—AMATEUR RADIO STATIONS
Listen to UB5KCF. V. Sheiko. Radio no.6:41 Je '60.

KHARKOV—APARTMENT HOUSES
Experimental apartment houses in Kharkov with walls of asbestos cement panels. V. Iabogin, B. Shendrik. Zhil. stroi. no.6:24-27 Je '60.

KHARKOV—ART GALLERIES AND MUSEUMS
[The Kharkov State Museum of Fine Arts] Khar'kovskii gosudarstvennyi muzei izobrazitel'nogo iskusstva. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960. 15 p., plates. [Parallel texts in Russian and Ukrainian.]

KHARKOV—ATHEISM
The propaganda of atheism. [illegible] Blok agit. [illegible]

KHARKOV—BEARING INDUSTRY
[illegible] 10 no.7 [illegible]

KHARKOV—CORRESPONDENCE SCHOOLS AND COURSES
[illegible]

KHARKOV—EFFICIENCY, INDUSTRIAL
[illegible] of communist labor [illegible]

KHARKOV—ELECTRIC MACHINERY INDUSTRY
Rapid development. [illegible]

KHARKOV—FARM ENGINES
[illegible]

KHARKOV—MEDICAL SOCIETIES
[illegible]

KHARKOV—MUSIC
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—RAILROADS—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

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[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—[illegible]
[illegible]

KHARKOV—APARTMENT HOUSES
[illegible]

[illegible] political and philosophical ideas] Ob obshchestvenno-[illegible] i filosofskikh vzgliadakh K.L. Khetagurova. Stalinir, Gosizdat IUgo-Osetii, 1959. 147 p.
(MH)

[illegible]TAGUROV, KOSTA, [illegible]
[illegible] I. [illegible] no 5:104-106 [illegible]

[illegible] MOUNTAINS—SOIL MICRO-ORGANISMS
[illegible] of rocks and primitive soils in the Arctic [illegible] desert [with summary in English]. M. B. [illegible] Bot. zhur. 45 no. 7 997-1008 Jl '60.

[illegible] MOUNTAINS—SPRUCE
[illegible] of dwarf spruce under the protection of a snow [illegible] Vest. Mosk. un. Ser. 5, Geog. 15 [illegible] Je '60.

[illegible]—EVENING AND CONTINUATION SCHOOLS
[illegible] with the community is growing stronger. M.A. [illegible] Shkola i proizvodstvo. no. [illegible] '60.

[illegible] MOUNTAINS—DOLOMITE
[illegible] of the Lower [illegible] M. [illegible] Geol. rud. mestorozh. [illegible]

[illegible] MOUNTAINS—THORIUM
[illegible] distribution of the Lower [illegible] M. [illegible] Geol. rud. mestorozh. [illegible]

[illegible]—DEAD SEA SCROLLS
[illegible] M. L., and M. M. Kublanov. [Findings in the [illegible] discoveries in the Dead Sea region and [illegible] of the origins of Christianity] Nakhodki v [illegible] Mertvogo moria i [illegible] Moskva, Gos. [illegible] 1960. 91 p. (Nauchno-populiarnaia biblioteka [illegible])

[illegible]—MINERAL WATERS
[illegible] diagnostic [illegible] of the water at the [illegible] B. B. Gabovich, V. I. Dakhno [illegible] no. 2 100-101 Jl '60.

[illegible] PROVINCE—LIBRARIES
[illegible] to the [illegible] of present day [illegible] no. 0:11 [illegible]

[illegible] VALLEY—ROCKS, IGNEOUS
[illegible] contact [illegible] in the [illegible] (Central [illegible] no. 27 [illegible]

[illegible]—SCHOOLS, RURAL
[illegible] different [illegible] A. [illegible] Obsh. [illegible]

[illegible] PROVINCE—RELIGION
[illegible] Nauka i rel. [illegible]

[illegible] PROVINCE—[illegible]
[illegible] the settled population of the [illegible] Valley. G. P. Vasil'eva. [illegible] Jl '60.

[illegible]—AGRICULTURE
[illegible] M. Kleta'kyi. Nauka i [illegible] Jl '60.

[illegible]—THERAPEUTICS, PHYSIOLOGICAL
[illegible] heat treatment therapy at the [illegible] sanatorium [illegible] rehabilitation of patients with dystrophic [illegible] M. [illegible] Voen. med. zhur. no. 6 [illegible]

[illegible], STEPAN ROMICH, 1796-1885
[illegible] I. [illegible] [illegible]

[illegible], NIKITA SERGEEVICH, 1894-
[illegible] Vishnevskii. Sov. pech. [illegible]
[illegible] this day forever. P. Kachanov. Mast. [illegible] '60.
[illegible] Sov. pech. no. 8 47-49 [illegible]
[illegible] A. Shcherbina. Mast. ugl. 9 no. 6 1 '60

[illegible] (BURYAT-MONGOLIA)—SQUIRRELS
[illegible] long-tailed souslik. A. N. Leont'ev. [illegible] prirodn. [illegible] 19:123-128 [illegible]

[illegible], NIKOLAI IVANOVICH, 1854-1891
[illegible] V. [illegible] Vokrug sveta [illegible]
[illegible] chemist, revolutionist and scientist" by [illegible] Reviewed by A. Glushkov. Izobr. i rats. [illegible] Ag '60.

Dynamics of kidney function in children with hypotrophy in the first months of life under the influence of feeding loads. B. N. Zeliger. Vop. okh. mat. i det. 5 no. 4 45-51 Jl-Ag '60.

Effect of degeneration of the kidneys on the blood pressure level in dogs with experimental hypertension originating in the central nervous system [with summary in English]. N. I. Red'ko. Fiziol. zhur. [Ukr.] 6 no. 2 235-239 '60.

Electron microscopic study of kidneys during acute radiation sickness produced by radioactive strontium [with summary in English]. O. O. Horodets'kyi and others. Fiziol. zhur. [Ukr.] 6 no. 3:405-414 My-Je '60.

Functional changes involving the kidneys in bronchial asthma. M. M. Korotaev. Zdrav. Belor. 4 no. 3 35 Mr '58.

KIDNEYS—ABNORMITIES AND DEFORMITIES
Surgical anatomy of vessels of a horseshoe kidney. M. E. Donsko. Kaz. med. zhur. 40 no. 5:76-77 S-O '59.

KIDNEYS—DIAGNOSIS
Modern methods for the functional study of the kidneys. I. I. Zaretskii. Pat. fiziol. i eksp. terap. 4 no. 3:85-91 My-Je '60.

KIDNEYS—DISEASES
(see also subdivision under Khabarovsk)
Changes in the amount of blood proteins, albumins, and globulin fractions in children with nephritis in various phases of the disease. IA. I. Moravskii. Vop. okh. mat. i det. 5 no. 4, 10-16 Jl-Ag '60.
Some problems in the clinical aspects, diagnosis, and treatment of renal insufficiency in pulmonary tuberculosis patients. B. M. Kovaliv. Pat., klin. i terap. tub. no. 8 [illegible] '58.
TSitskidze, A. P. [Anuria] Anuriia. Tbilisi, Sabchota Sakartvelo, 1959. 17 p.
(DNLM)

KIDNEYS—RADIOGRAPHY
Pytel', A. IA. [Pyelic refluxes and their clinical significance] Lokhanochno-pochechnye refliuksy i ikh klinicheskoe znachenie. Moskva, Medgiz, 1959. 273 p.
(DNLM)

KIDNEYS—TUMORS
Case of lymphangioma of the kidney. N. Kh. Sitdykov. Kaz. med. zhur. 40 no. 5:78 S-O '59.

KIEV—ADULT EDUCATION
Let's talk about "the universities of culture." I. Tromon. Sots. kul't. 11 no. 6:17-18 Je '60.

KIEV—AMATEUR THEATRICALS
Against the wind. O. Samtrokov. Sots. kul't. 13 no. 6: 16-17 Je '60.
Leipzig is looking for an image. Roman Raigorodetskii. Sov. Ukr. 10 no. 7:171-176 Jl '60.

KIEV—ANTIQUITIES
How they dug out "the Golden Gate." V. Sorbet. Ukraina no. 11 [illegible] Je '60.

KIEV—AUTOMOBILES, RENTAL
For 100 rubles. H. Voliansk'yi. Ukraina no. 14:20-21 Jl '60.

KIEV—BUILDING
Work practices of brigades of communist labor. S. Kabro. Stroi. i arkhit. 8 no. 7:12 Jl '60.

KIEV—BUILDING, BRICK
Kanioka, N. S., and F. P. Krivda. [Over-all mechanization in assembling large brick-block apartment houses, practices of the Main Administration for Housing and Public Construction in the City of Kiev] Kompleksnaia mekhanizatsiia montazha zhilykh zdanii iz krupnykh kirpichnykh blokov; opyt Glavkievstroia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 92 p.

KIEV—BUILDING TRADES
Pencils and trowels. Ukraina no. 11 [illegible] Je '60

KIEV—CHILDREN'S CLUBS
It's everybody's business. S. Levashova. Mol. komm. no. 8:80-82 Ag '60.

KIEV—EXHIBITIONS
Made in the German Democratic Republic. P. Pazenko. Ukraina no. 15:10 Ag '60.
We greet thee, Czechoslovakia, our dear sister! M. Nidzo. Ukraina no. 15:2-4 Ag '60.

KIEV—HARBORS
New wharf in the Kiev harbor for the transshipment of quartzites. P. Gvozdev, S. Strelkovskii. Rech. transp. 19 no. 5:50-51 My '60.

KIEV—HYDROELECTRIC POWER STATIONS
Toward a single objective. S. Andrievskii. NTO 2 no. 7:7-8 Jl '60.

KIEV—INSURANCE
Inspection practice of the State Insurance Administration. D. Liubimov. Fin. SSSR 21 no. 5:74-76 My '60.

Happy life in a new settlement. Oleksii Bohdanov. Ukraina no. 15:14-15 Ag '60.

KIEV—MEASURING INSTRUMENTS
Photoelectric method of measuring the diameter of rubber threads. A. N. Faidysh and others. Kauch. i rez. 19 no. 5:52-54 My '60.

KIEV—MISCONDUCT IN OFFICE
Results of a letter. Part. zhizn' no. 14:78 Jl '60.

KIEV—MONASTERIES
Twelfth-century fortress walls of the Pechersky Monastery in Kiev. V. A. Bogusevich. Krat. soob. Inst. arkheol AN URSR no. 9.108-112 '60.

KIEV—OPERA
"Askold's grave." M. Stefanovich. Teatr 21 no 6 83-84 Je '60.

KIEV—PRINTING INDUSTRY
They are building a combines newspaper and periodical printing plant. Ukraina no 11 22-23 Je '60.

KIEV—RUBBER
Photoelectric method of measuring the diameter of rubber threads. A. N. Faidysh and others. Kauch. i rez. 19 no. 5:52-54 My '60.

KIEV—SERVICE INDUSTRIES
Improving service accomodations for the workers. Sov. profsoiuzy 16 no. 9 50-51 My '60

KIEV—SHOE INDUSTRY—FINANCE
Indices of the effectiveness of using working capital. A. Magaznik. Fin. SSSR 12 no. 5:44-47 My '60.

KIEV—SHOOTING CONTESTS
First "ten." P. Rizhilov. Voen. znan. 36 no 8:29 Ag '60

KIEV—TESTING LABORATORIES
In the laboratory of the "Bol'shevik" Kiev Factory. N. S. Kozachenko. Zav. lab. 26 no. 7:890-900 '60

KIEV—THEATER
"Svichka's wedding." Hnat IUra. Ukraina. no. 15:16 Ag '60.
"Uncle Vania." Bor. Medvedev, E. Kholodov. Teatr 21 no. 7 91-93 Jl '60.

KIEV—VIEWS
Kiev. [Moskva, Izd-vo lit-ry na inostr. iazykakh, 1959] 32 col. plates.
(NN)

KIEV—WOODWORKING MACHINERY
Mechanizing labor-consuming processes. V. A. Ivanov, R. M. Novozhilov. Gidroliz. i lesokhim. prom. 13 no. 3: 23 '60.

KIEV PROVINCE—MITES
Euschöngastia ulcerofaciens Daniel, 1957 (Acari, Trombiculidae), a mite species heretofore unkown in the Soviet Union [with summary in English]. H. I. Rushcha. Dop. AN URSR no. 4,540-543 '60.

KIEV PROVINCE—TECHNOLOGICAL INNOVATIONS
Forgotten decisions. N. Gordeenko, M. Kovalenko, A. Vyrypaev. NTO 2 no 7:48-51 Jl '60

KIEV UNIVERSITY
"History of Kiev University." Reviewed by A. Dzhedzhula. Nauka i zhyttia 10 no. 6:61 Je '60.
Rud'ko, M. P. [Taras Shevchenko and Kiev University] Taras Shevchenko i Kyivs'kyi universytet. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 85 p.
(MH)

KILNS
Automatic charging of tunnel kilns. N. P. Shustarev, I. I. Sirkov. Stroi. mat. 6 no 5:20 My '60
Heating and ventilating equipment for tunnel kilns. I. Zaika. Sil'. bud. 10 no 4 21-23 Ap '60

KLINS, ROTARY
(see also subdivision under Nikolayevsk)
Assembling refractory lined shells of furnace bodies. IU. N. Mikol'skii. TSement 26 no. 3:21-26 My-Je '60.
Fireproof lining of rotary kilns for kilning keramzit. A. N. Persiianov. Stroi. mat. 6 no 5:25-26 My '60.

KINDERGARTEN
The story of nine dolls. V. Usacheva. Doshk. vosp. 33 no 5,88-90 My '60.
Training in a group. V. IA. Voronova. Doshk. vosp. 33 no. 5 27-32 My '60
A very important question. T. S. Komarova. Doshk. vosp. 33 no 5:39-42 My '60

KINDERGARTEN—MUSIC
Telling children about Chaikovskii. K. V. Polubinskaia. Doshk. vosp. 33 no 5 67-70 My '60

KINDERGARTENS
(see also subdivision under Lipetsk, Tula)
Happy childhood. A.Marinin. Prom.koop. 14 no.6:30 Je '60.
In the kindergarten of the Lenin State Farm. M. Zhalnina. Sem'ia i shkola 15 no.5:4-5 My '60.
Thinking about children. Kh. Akhtamzian. Doshk.vosp. 33 no.5:60-63 My '60.

KINEMATICS OF MACHINERY *see* Machinery, Kinematics of

KINESTHESIA *see* Muscular sense

KINETIC THEORY OF GASES *see* Gases, Kinetic theory of

KINETICS
Kinetic equation for rapidly varying processes [with summary in English]. V.P.Silin. Zhur.eksp.i teor. fiz. 38 no.6:1771-1777 Je '60.

KINSHIP
(see also subdivision under Australia, Melanesia)
The Nkila system; tribal relations among the Nkundos based on materials of the end of the 19th and beginning of the 20th century. D.A.Ol'deregge. Trudy Inst.etn. 54:173-193 '60.

KIRENKA, KASTUS', 1919-
Agreeable acquaintance ("Bright waves", verse by Kastus' Kirenka. Reviewed by I. Salavei). Belarus' 17 no.5: 31 My '60.

KIREYEVSKOYE REGION (TOMSK PROVINCE)—PALEOBOTANY, STRATIGRAPHIC
Recent data on Tertiary floras of the Kireyevskoye Crag on the Ob' River. P.I.Dorofeev. Dokl.AN SSSR 133 no.1:211-213 Jl '60.

KIRGHIZ RANGE—BOTANY
Nikitina, E.V. [Materials on the flora of the northern slope of the Kirghiz Ala-Tau] Materialy po flore severnogo sklona khrebta Kirgizskii Ala-Too. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 140 p.

KIRGHIZ RANGE—FORESTS AND FORESTRY
Material on the forests of the Shamsi Arboretum. O.A. Rozhnova. Sbor.nauch.rab.stud.Nauch.stud.ob-va Kir. un. no.3:79-80 '59.

KIRGHIZ RANGE—HONEYSUCKLE
A new honeysuckle from the Kirghiz Range. V.I.Tkachenko. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:147-149 '59.

KIRGHIZISTAN—ANNEXATION TO RUSSIA
Usenbaev, Kushbek. [The annexation of southern Kirghizistan by Russia] Prisoedinenie IUzhnoi Kirgizii k Rossii. Pod red. M.P.Viatkina. Frunze, Kirgizskoe gos.izd-vo, 1960. 168 p.

KIRGHIZISTAN—APPLE
Effect of fruit drop on the formation of flower buds in the apple tree. E.Z.Gareev. Izv.AN Kir.SSR.Ser.biol. nauk 1 no.3:67-81 '59.

KIRGHIZISTAN—BIRDS—HABITS AND BEHAVIOR
Reproduction time of some vertebrates in Kirghizistan. P.S.Tiurin. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4: 161-165 '59.

KIRGHIZISTAN—BOTANY
Akademiia nauk Kirgizskoi SSR, Frunze. Institut botaniki. [Early spring plants of Kirghizistan; key for the identification of plants of the agricultural zone] Rannevesennie rasteniia Kirgizii, opredelitel' rastenii zemledel'cheskoi zony. Sost. E.V.Nikitina, R.A. Aidarova i A.G.Ubukeeva. Frunze, 1960. 111 p.

KIRGHIZISTAN—BUDGET
Problems which must be solved. V.Matveev. Fin. SSSR 21 no.5:47-49 My '60.

KIRGHIZISTAN—COLLECTIVE FARMS
Eropkin, V.G. [Mechanization and electrification of collective farms in Kirghizistan] Mekhanizatsiia i elektrifikatsiia kolkhoznogo proizvodstva Kirgizii. Frunze, Akad.nauk Kirgizskoi SSR, Institut ekonomiki, 1959. 128 p.
Umetov, D. [Consolidation of the organization and economy of collective farms in Kirghizistan during the third five-year plan, 1938-June 1941] Organizatsionno-khoziaistvennoe ukreplenie kolkhozov Kirgizii v gody tret'ei piatiletki, 1938-iiun' 1941 g. Frunze, Akad. nauk Kirgizskoi SSR. In-t istorii, 1959. 76 p. [With summary in Kirghiz.]

KIRGHIZISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Altmyshbaev, A. [How the CPSU struggled for the dissemination of Marxist-Leninist ideas in Kirghizistan] K istorii bor'by KPSS za rasprostranenie idei marksizma-leninizma v Kirgizii. Pod red. K.K.Orozalieva. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 37 p.

KIRGHIZISTAN—COURTS
In the offices of public prosecutors and in the supreme courts of the Union Republics. Sots.zakon. 37 no.6: 92 Je '60.

KIRGHIZISTAN—DICOTYLEDONS
[Flora of the Kirghiz S.S.R.; key to plants of the Kirghiz S.S.R.] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi SSR. Sost. E.V.Nikitina i dr. Nauchn.red. A.I.Vvedenskii. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR. [In Russian with summary in Kirghiz.]
Vol.8. [The carrot, dogwood, wintergreen, heath, primrose, leadwort, olive, gentian, dogbane, milkweed, and morning glory families] Semeistva zontichnye, kizilovye, grushankovye, vereskovye, pervotsvetnye, svinchatkovye, maslinovye, gorechavkovye, kutrovye, lastovnevye, v'iunkovye. 1959. 234 p.
Vol.9. [The mint and nightshade families] Semeistva gubotsvetnye i paslenovye. 1960. 313 p.

KIRGHIZISTAN—ECONOMIC CONDITIONS
"National economy of the Kirghiz S.S.R." Reviewed by S.Islamov. Vest.stat. no.7:57-60 '60.

KIRGHIZISTAN—ELECTRIFICATION
Eropkin, V.G. [Mechanization and electrification of collective farms in Kirghizistan] Mekhanizatsiia i elektrifikatsiia kolkhoznogo proizvodstva Kirgizii. Frunze, Akad.nauk Kirgizskoi SSR, Institut ekonomiki, 1959. 128 p.

KIRGHIZISTAN—FISH CULTURE
Utilizing the waters of Kirghizistan for commercial fish culture. A.I.Goncharov. Izv.AN Kir.SSR.Ser.biol. nauk 1 no.3:45-60 '59.

KIRGHIZISTAN—FOREST SOILS
The problem of slope-wash drifts in the arid forest tracts of northern Kirghizistan. I.G.[illegible] Izv. AN Kir.SSR.Ser.biol.nauk 1 no.3:17-37 '59.

KIRGHIZISTAN—INDUSTRIAL MANAGEMENT
Economical staff. D.Bochkarev. Fin.SSSR 21 no.5:50-[illegible] My '60.

KIRGHIZISTAN—INDUSTRY
Chyinoylova, B. [Workers of Kirghizistan in the struggle to fulfill the second five-year plan for industry and transportation, 1933-1937] Trudiashchiesia Kirgizii v bor'be za vypolnenie vtorogo piatiletnego plana po promyshlennosti i transportu, 1933-1937. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 58 p.
Erina, M.V. [Light industries of Kirghizistan] Legkaia promyshlennost' Kirgizii. Frunze, Akad.nauk Kirgizskoi SSR. Institut ekonomiki, 1960. 101 p.

KIRGHIZISTAN—LUNGS—DUST DISEASES
Comparative characteristics of silicosis in some mines of southern Kirghizia. [illegible] Zdrav. Kirg. no.1:28-32 Ja-F '59.

KIRGHIZISTAN—MYCOBACTERIUM TUBERCULOSIS
Types of causative agents in various forms of tuberculosis in Kirghizia. D. Moldokmatov. [illegible] 50-54 Ja-F '59.

KIRGHIZISTAN—PASTURES AND MEADOWS
Nikitina, E.V. [Poisonous, noxious, and inedible plants in pastures of the Kirghiz S.S.R.] Iadovitye, vrednye i needobnye rasteniia pastbishch Kirgizskoi SSR. Frunze, Akad.nauk Kirgizskoi SSR, 1959. 55 p.

KIRGHIZISTAN—PEACH VARIETIES
Winter-hardy peaches for commercial production. E.Z. Gareev. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:[illegible] '59.

KIRGHIZISTAN—PEAT
Drozhdin, I.G., and A.E.Kharakoz. [Physicochemical characteristics of the peat of Kirghizistan] Fiziko-khimicheskaia kharakteristika torfa Kirgizii. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, In-t khimii, 1959. 97 p.

KIRGHIZISTAN—PLANTS—FROST RESISTANCE
Injury of trees and shrubs due to sharp drops in temperature during the vegetative period. V.I.Tkachenko. Biul.Glav.bot.sada no.36:43-46 '60.

KIRGHIZISTAN—PUBLIC HEALTH—PERIODICALS
Good luck. Zdorov'e 6 no.6:32 Je '60.

KIRGHIZISTAN—PUBLIC HEALTH, RURAL
Reorganization in the work of the rural public health system. U.E.Danilov. Sov.zdrav.Kirg. no.1:3-11 Ja-F '58.

KIRGHIZISTAN—RETAIL TRADE
Progressive forms of commerce in the Kirghiz S.S.R. I.Bykova. Sov.torg. 33 no.7:30-31 Jl '60.

KIRGHIZISTAN—RIVERS
Ramazan, M.S. [Some features of the hydrological regimen of rivers of Kirghizistan and their classification from the standpoint of hydraulic engineering] Nekotorye osobennosti gidrologicheskogo rezhima i gidrotekhnicheskaia klassifikatsiia rek Kirgizii. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 81 p.

KIRGHIZISTAN—SCARABAEIDAE
A new species of the genus [illegible] (Coleoptera, Scarabaeidae) from Kirghizistan. A.I.Protsenko. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:171-172 '59.

KIRGHIZISTAN—SOILS
[illegible]

KIRGHIZISTAN—SUGAR BEETS
[illegible]

KIRGHIZISTAN—TRANSPORTATION
Chyinoylova, B. [Workers of Kirghizistan in the struggle to fulfill the second five-year plan for industry and transportation, 1933-1937] [illegible] Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. [illegible]

KIRGHIZISTAN—WORMS, INTESTINAL AND PARASITIC
[illegible]

KIROV—GUIDEBOOKS
[illegible] 1960. 110 p.

KIROV—NAVAL EDUCATION
[illegible]

KIROV PROVINCE—PARKS AND PARKLANDS
[illegible]

KIROVABAD—[illegible]
[illegible]

KIROVOGRAD [illegible]—AGRICULTURAL EDUCATION
[illegible]

[illegible]—WALL NEWSPAPERS
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible] VALLEY—[illegible]
[illegible]

KIZEL BASIN—COAL—[illegible]
[illegible]

KIZEL BASIN—COAL MINES
Valuable initiative [illegible]

KIZEL BASIN—COAL MINES AND MINING
[illegible] Kizel Basin. [illegible]

KIZEL BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
[illegible]

Isolation and mass reproduction sites of the tick Ixodes frontalis Panz. in Daghestan [with summary in English]. V.M.Gusev, A.A.Guseva. Zool.zhur. 39 no.7:1096-1099 Jl '60.

KIZIL-KALA, AFGHANISTAN—HARBORS
The first river port in Afghanistan. N.M.Molokanov. Transp.stroi. 10 no.7:58-60 Jl '60.

KIZIL KUM see Kyzyl Kum

KLIN—DYES AND DYEING
Determination of iron content in dyes by means of a photoelectric colorimeter. V.K.Ponomarev, T.B.Filicheva. Khim.volok. no.3:60-62 '60.

KLIN—DYES AND DYEING—RAYON
Method of determining the concentration of dispersed dyestuffs in water in the preparation of the suspension for internal dyeing. V.K.Ponomarev, T.B.Filicheva. Khim.volok. no.3:62-64 '60.

KLIN—RAYON SPINNING
Operating experience of P.E.Frantov, best spinner. E.V.Molovanova, N.A.Kostakova. Khim.volok. no.3:65 '60.

KLIN—STARCH INDUSTRY—EQUIPMENT AND SUPPLIES
Operating experience of a new screening station at the Klin Starch Plant. T.A.Bondar'. Sakh.prom. 34 no.7:61-64 Jl '60.

KLINDA, FERDINAND
A Czech organist. Leonid Roizman. Sov.muz. 24 no.6:148 Je '60.

KLYAZ'MA RIVER—BRIDGES, ARCHED
Assembling precast arches of the bridge over the Klyaz'ma River. B.D.Andrianov. Transp.stroi. 10 no.5:11-17 My '60.

KNEE—WOUNDS AND INJURIES
Positive contrast radiography of the knee joint as a possible method of diagnosing injuries of the meniscus. S.I.Stamatin. Zdravookhranenie 3 no.3:42-46 My-Je '60.

KNEE JERK see Reflexes

KNIT GOODS INDUSTRY
Design and grading of patterns for the manufacture of pullovers (from "J.Wirkerei-und Strickerei-Technik," no.4, 1959). Tekst.prom. 20 no.6:76-77 Je '60.
Manufacture of knit velveteen. L.S.Smirnov, B.G.Asper. Tekst.prom. 20 no.7:43-44 Jl '60.
New styles in knitwear. L.K.Kuz'mina. Tekst.prom. 10 no.6:13-15 Je '60.
Pattern design and grading for pullover manufacture (from "J.Wirkerei-and Strickerei-Technik," no.7, 1959). Tekst.prom. 20 no.7:80-81 Jl '60.

KNITTING MACHINES
"Design and regulation of Cotton machines" by N.I.Malysheva, A.V.Baryshnikov, N.I.Kosenkov. Reviewed by D.K.Sergeev and others. Tekst.prom. 20 no.6:78-81 Je '60.
Expansion of knitting machine production. A.Shpital'nik. Tekst.prom. 20 no.6:32-33 Je '60.
Flat-latch knitting machines. B.V.Tokarev. Tekst.prom. 20 no.7:75-78 Jl '60.
Manufacturing stockings and socks with a single ply welt on cotton machines. D.T.Braga. Tekst.prom. 20 no.6:63-64 Je '60.
Ways to reduce the warpwise striped effect in stockings. V.M.Volzhina. Tekst.prom. 20 no.7:39-42 Jl '60.

KNOWLEDGE, THEORY OF
Appearance and essence. Maurice Cornforth. Vop.filos. 14 no.7:62-69 '60.

KO MOUNTAIN
Relief and vegetation of Ko Mountain. N.G.Vasil'ev, G.E.Kurentsova. Priroda 49 no.7:90-92 Jl '60

KOBRYNS'KA, NATALIA IVANIVNA (OZARKEVYCH), 1855-1920
Romanenchuk, Bohdan. [Life and works of Natalia Kobryns'ka] Z zhyttia i tvorchosty Natalii Kobryns'koi. Filadelfiia, Vyd. "Ameryky," 1961. 32 p.
(CtY)

KOCHERGA, IVAN ANTONOVICH, 1881-1952
"Svichka's wedding." Hnat IUra. Ukraina no.16:16 Ag '60.

KOCHKOR VALLEY—BIRDS
Winter zoological excursion to the Kochkor Valley. A.Ibraimov. Sbor.nauch.rab.stud.Nauch.stud.ob-va Kir.un. no.2:73-77 '59.

KOCH'S LYMPH see Tuberculin

KOKCHETAV PROVINCE—ALGAE
Two new species of the genus Chara with a monostichous corona of stipules and triplostichous skin. M.M.Gollerbakh. Bot.mat.Otd.spor.rast. 13:101-107 '60.
Hydrobiological characteristics of some lakes in Kokchetav Province. M.IA.Volyshova. Vest.AN Kazakh.SSR 16 no.6:57-67 Je '60.

KOKKINAKI, VLADIMIR KONSTANTINOVICH
Grigor'ev, G.K. [Trails in the sky] Sledy v nebe. Moskva, Izd-vo DOSAAF, 1960. 54 p.
Lenin Prize winner. S.Ignat'ev. Kryl.rod. 11 no.6:6-8 Je '60

KOLA PENINSULA—LAKES
A survey of the study of lakes of the Kola Peninsula. V.V.Bogdanov. Uch.zap.LGU no.292:160-195 '60.

KOLA PENINSULA—NEMATODA
Elaphostrongylus rangiferi n.sp., a new helminth of deer. V.IU.Mitskevich. Trudy Inst.zool.AN Kazakh.SSR 12:115-119 '60.

KOLA PENINSULA—ROCKS, IGNEOUS
Sebl'-Yavr massif of ultrabasic and alkalic rocks and carbonatites (Kola Peninsula) [with summary in English]. A.G.Bulakh, N.B.Abakumova. Sov.geol. 3 no.5:47-60 My '60

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLKHOZES see Collective farms

KOLOMIICHENKO, ALEKSEI ISIDOROVICH
He who restores hearing. Dm.Prikordonnyi. Ogonek 38 no.23:9 Je '60.

KOLOMNA—PAINTINGS—EXHIBITIONS
An exhibition is taking place. E.TSukhanov, I.Gurevich. Klub 9 no.5:10 My '60.

KOLOMNA—PRINTING INDUSTRY
The costs of production should be reduced. N.M.Ovechnikov. Poligr.proizv. no.5:15-16 My '60.

KOLPINO—APARTMENT HOUSES
Apartment houses built of vibrorolled panels. A.Vasil'ev, I.Zubkov, E.Chelnokov. Zhil.stroi. no.7:2-5 Jl '60.

KOLPINO (LENINGRAD PROVINCE)—FORGING
How we try to economize metal. A.Ionkin. Blok.agit.[Len.] no.16:16-23 Je '60.

KOL'TSOV, ALEKSEI VASIL'EVICH, 1809-1842
[Kol'tsov seen by his contemporaries] Sovremenniki o Kol'tsove. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1959. 208 p.
(NNC)
Tonkov, V. [A.V.Kol'tsov; his life and works] A.V.Kol'tsov; zhizn' i tvorchestvo. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1953. 304 p. facsims.
(RPB)

KOMI A.S.S.R.—HISTORY
Documents on the history of Komi. Ist.-filol.sbor. no.4:241-271 '58.
Relationship between the Komi and Russian people according to history and folklore. F.V.Plesovskii. Ist.-filol.sbor. no.4:129-143 '58.

KOMI A.S.S.R.—LAND TENURE
Land relations in the Komi region during the 18th century. D.D.Balueva. Ist.-filol.sbor. no.4:53-73 '58.

KOMI A.S.S.R.—MACHINE-TRACTOR STATIONS
Mechanization of agriculture in the Komi Autonomous Soviet Socialist Republic during the years of the second and third five-year plans, 1933-1940. L.I.Surina. Ist.-filol.sbor. no.4:3-25 '58.

KOMI A.S.S.R.—PEASANTRY
The struggle of the peasantry of Udorsk District against increasing feudal exploitation during the 17th century. L.N.Zherebtsov. Ist.-filol.sbor. no.4:75-82 '58.

KOMI A.S.S.R.—PODZOL
Podzolic bog soils [with summary in English]. D.M.Rubtsov. Pochvovedenie no.7:20-31 '60.

KOMI A.S.S.R.—REVOLUTION OF 1905
The class struggle in the Komi region during the years of the first Russian bourgeois-democratic revolution, 1905-1907. V.N.Davydov. Ist.-filol.sbor. no.4:27-51 '58.

KOMI FOLK LITERATURE see Folk literature, Komi

KOMI LANGUAGE
A review of 18th century writings in the Komi language. Z.I.Kuznetsova. Ist.-filol.sbor. no.4:213-240 '58.

KOMI LANGUAGE—AFFIXES
Notes on the history of the Komi language. B.A.Serebrennikov. Ist.-filol.sbor. no.4:189-196 '58.

KOMI LANGUAGE—CASE
The function of the elative case in the Komi language. E.S.Guliaev. Ist.-filol.sbor. no.4:197-212 '58.

After 35 years. G.T.Bachev. Zdorov'e 6 no.6:13 Je '60

KOMISSARZHEVSKAIA, VERA FEDOROVNA, 1864-1910
The decision of a great actress. N.Leont'evskii. Ogonek 38 no.32:17 Ag '60.
An evening in memory of Komissarzhevskaia. Teatr 21 no.6:152-153 Je '60

KONDRATAS, IONAS IOZE
An organizer of public control. Uchet i fin.v kolkh.i sovkhoz. 17 no.5:28-29 My '60

KOPET DAG—NIKITINIA
Nikitinia, a new genus of the composite family. M.M.Il'in. Bot.mat.Gerb. 20:356-358 '60.

KOPEYSK—MANUAL TRAINING
Industrial products made by students. Sh.Kh.Lapidus. Sred.spets.obr. 7 no.6:46 Je '60.

KOPYLENKO, OLEKSANDR, 1900-1958
Author of highly popular works. L.Voronina. Ukraina no.15:5 Ag '60.
Our contemporaries; on the 60th anniversary of the birth of Oleksandr Kopylenko. Oleg Kilimnik. Sov.Ukr. 10 no.8:122-133 Ag '60.

KOPYLKA VALLEY—MITES
Microflora of oribatid mites (Oribatei) [with summary in English]. E.A.Moskacheva. Zool.zhur. 39 no.7:1025-1031 Jl '60.

KORAN
Voropaeva, K.L. ["Sacred books" and who wrote them] "Sviashchennye knigi" i kto ikh napisal. [Leningrad] Lenizdat, 1959. 69 p. (Bibliotechka ateista)

KORBAN, ULADZIMIR, 1910-
Talented satirist. IU.Kazeka. Belarus' 17 no.8:23 Ag '60.

KOREA—GEOLOGY, STRUCTURAL
Basic structural feature of Korea. V.M.Grigor'ev, S.I.Groshin, Pak Sen Uk. Izv.vys.ucheb.zav.; geol.i razv. 3 no.1:3-17 Ja '60.

KOREA—SOCIALISM
The Korean people's struggle for peaceful unification and socialism. Phak Sen Cher. Mezhdunar.zhizn' 7 no.8:52-58 Ag '60.

KOREA, NORTH
[Korean People's Democratic Republic] Koreiskaia Narodno-Demokraticheskaia Respublika. Pkhen'ian, Izd-vo lit-ry na inostr.iazykakh, 1958. 455 p.

KOREA, NORTH—BIBLIOGRAPHY
Korean People's Democratic Republic. Kal.znam.i pam.dat. 5 no.8:24-27 Ag '60.

KOREA, NORTH—ECONOMIC CONDITIONS
The fate of a giant. L.Zabors'kyi. Ukraina no.15:8 Ag '60.
Flight of the legendary horse. N.Babin. Agitator no.14:38-39 Jl '60.
Outposts of socialism in the East. I.Pozdniak. Kommunist 37 no.12:95-99 Ag '60.

KOREA, NORTH—LOCAL GOVERNMENT
[Basic acts concerning local organs of the State government in the Democratic Republic of Vietnam, the Korean People's Democratic Republic, and the Mongolian People's Republic; a collection of documents] Osnovnye normativnye akty o mestnykh organakh gosudarstvennoi vlasti i upravleniia Demokraticheskoi Respubliki V'etnam, Koreiskoi Narodno-Demokraticheskoi Respubliki i Mongol'skoi Narodnoi Respubliki, sbornik dokumentov. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 214 p. (Mestnye organy gosudarstvennoi vlasti i upravleniia zarubezhnykh sotsialisticheskikh gosudarstv)

KOREA, SOUTH—DEFENSES
"Katousans." Nov.vrem. 18 no.31:22-23 Jl '60.

KOREA, SOUTH—POLITICS AND GOVERNMENT
American dictators before the court of the peoples. A.Bobrovskii. Blok.agit.[Len.] no.19:44-4 of cover Jl '60.
Essentially the same story. V.Shakhov. Sov.deput.trud. no.7:107-110 Jl '60.
Outburst of popular wrath in South Korea. Blok.agit.[Ukr.] no.13:59-61 My '60.

KOREAN LITERATURE—HISTORY AND CRITICISM
Akademiia nauk SSSR. Institut vostokovedeniia. [Korean literature] Koreiskaia literatura; sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1959. 170 p.
Survey of the foreign press. Inostr.lit. no.7:216-224 Jl '60.

Gitovich, A. I. [Chinese and Korean poetry; translations] Iz kitaiskoi i koreiskoi poezii; perevody. [Moskva] Goslitizdat, 1959. 538 p.
(MIR)

KOREAN REUNIFICATION QUESTION
The Korean people's struggle for peaceful unification and socialism. [illegible] Mezhdunar. zhizn' [illegible] no.8:52-58 Ag '60.
The light of freedom. [illegible] Ogonek 38 no.15:8 Ap '60.

KOREAN WAR, 1950-1953 — AERIAL OPERATIONS
Li Ching. [Squadron commander's wingman. Translated from the Chinese] Vedomyi komandira eskadril'i. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 108 p.

KORNIN — SUGAR BEETS
Rectangular [illegible] seeding and growing of mother beets. I. I. Lysenko. Sakh.prom. 34 no.6:68-69 Je '60.

KORNOUKHOV, MYKOLA VASYL'OVYCH, 1904-1958
Varsak, P. M. Mykola Vasyl'ovych Kornoukhov. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 20 p. (Series "Vcheni Ukrains'koi RSR")

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921
From the editorial practices of V. G. Korolenko. I. V. Myl'tsyna. Vest.Mosk.un.Ser.7:Ist., zhur. 15 no.3:75-79 My-Je '60.
Ordinary facts. M. Sil'man. Sov.kult. no.89:4-5 Jl '60
V. G. Korolenko. N. Nikolaeva. Chto chitat' [illegible] no.7:[illegible] Jl '60.

KORSAKOV, SERGEI SERGEEVICH, 1854-1900
S. S. Korsakov. I. I. Rokhlin, [illegible] Vrach. delo no.6:[illegible] Je '60

KORSHUNIKHA VALLEY — IRON ORES
Flowsheet used for the dressing of Korshunikha ores. N. G. Tiurenkov, A. G. Gerasimov, [illegible] M. Luk'ianov. Gor.zhur. no.7:69-71 Jl '60

KORSHUNOVO — CONSTRUCTION INDUSTRY
"Let's support and develop the initiative of the Communist Youth League." Part. zhizn' no.14:76 Jl '60.

KORYAK RANGE — GEOLOGY
Basic geological characteristics of the northwestern slopes of the central Koryak Range. B. Kh. Egiazarov. Inform.biul.NIIGA no.14:11-[illegible] '59.

KORZHINSKII, DMITRII SERGEEVICH, 1899
Sixtieth anniversary of Academician D. S. Korzhinskii. A. G. Betekhtin, G. A. Sokolov. Geol.rud.mestorozh. no.6:3-[illegible] '59.

KOSH-AGACH DISTRICT — [illegible] AND PESTS
Susceptibility of the flat-headed vole (Alticola strelzovi) to experimental plague. V. I. Solov'eva. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:89-94 '57.

KOSHYLOVTSE — AMULETS
A clay amulet from the village of Koshylovtse. M. N. Zakharuk. Sov.arkheol. 4 no.[illegible] '60.

KOSMINSKII, EVGENII ALEKSEEVICH, 1886-1959
E. A. Kosminskii; obituary [with summary in English]. N. H. Sidorova, E. V. Gutnova. Vest.ist.mir.kul't. no.2:157-164 Mr-Ap '60.

KOSTOMAROV, NIKOLAI IVANOVICH, 1817-1885
New study in the field of Ukrainian historiography ("Development of N. I. Kostomarov's historical concepts; critical evaluation of the historiography of the Ukrainian bourgeois and landed gentry," by L. K. Polukhin). Reviewed by [illegible] Ukr.ist.zhur. [illegible] no.4:[illegible] Jl-Ag '60.
Polukhin, L. K. [Formation of N. I. Kostomarov's ideas of history; criticism of bourgeois and landed historiography in the Ukraine] Formuvannia istorychnykh pohliadiv M. I. Kostomarova; do krytyky burzhuazno-pomishchyts'koi istoriohrafii na Ukraini. Kyiv, Akad.nauk URSR, In-t istorii, 1959. 124 p.
(MIR)

KOSTROMA — COLD STORAGE WAREHOUSES
Operation of ammonia condensers under winter conditions. [illegible] Belov. Khol.tekh. 37 no.[illegible] My-Je '60

KOSTROMA — THEATER
"The insulted and the injured." I. Vasil'eva. Teatr 21 no.6:87-89 Je '60

KOSTROMA VALLEY — STONE AGE
A Neolithic settlement of [illegible]. N. N. Gurina. Mat.i issl.po arkheol. 79:188-210 '60.

KOSTROMIN, NIKOLAI IL'ICH, 1888-1959
Nikolai Il'ich Kostromin; obituary. Inzh.-fiz.zhur. no.3:113-114 Mr '60.

The language of "Natalka, a girl from Poltava," a play by I. P. Kotliarevs'kyi. [illegible] Ukr.mova v shkoli 10 no.3:51-57 My-Je '60.

KOTOV DISTRICT (MOLDAVIA) — PUBLIC HEALTH
A whole community on guard for public health. [illegible] Zdravookhranenie 3 no.2:[illegible] Mr-Ap '60

KOVALENOK, MIKHAIL IVANOVICH, 1900-1958
M. I. Kovalenok; obituary. [illegible]

KOVDOR REGION (KOLA PENINSULA) — VERMICULITE
Kovdor deposit of vermiculite. V. I. Ternovoi. Razved.i okh.nedr 26 no.[illegible] My '60

KOEPPEN, WOLFGANG, 1906
In opposition to those who sow the seeds of death. [illegible] Inostr.lit. no.8:200-208 Ag '60

KOZLOVSKII, MIKHAIL IVANOVICH, 1753-1802
Kaganovich, A. Mikhail Ivanovich Kozlovskii. Moskva, Gos.izd-vo izobraz.iskus., 1959. [illegible] (Mastera russkogo iskusstva)
(MIR)

KRAKOW — MUSEUMS
Lenin Museum in Krakow. W. Lipa. Nov.i noveish.ist. no.2:186-188 '60.

KRAMATORSK — APARTMENT HOUSES
Apartment houses with three-dimensional [illegible] elements. Zhil.stroi. no.6:[illegible] Je '60

KRAMATORSK — MACHINERY INDUSTRY
A plant builds machinery plants. [illegible] '60

KRASNODAR — INSTRUMENT MANUFACTURE
Measures for improving the quality of manufactured instruments. [illegible] A. Zabolov. [illegible] '60.

KRASNODAR — THEATER
Theater in the Kuban capital. [illegible] Teatr 21 no.7:108-122 Jl '60

KRASNODAR — YEAST
Yeast plant produces fodder yeast. [illegible] '60.

KRASNODAR TERRITORY — DRYING APPARATUS
Modernized [illegible] drying apparatus. [illegible] Pishch.prom. [illegible] Jl '60

KRASNODAR TERRITORY — HEALTH RESORTS, WATERING PLACES, ETC.
[illegible] '60

KRASNODAR TERRITORY — INSURANCE, SOCIAL
A useful trip to Krasnodar. [illegible] Sots.obesp. [illegible] no.6:[illegible] Je '60

KRASNODAR TERRITORY — OLD AGE HOMES
A home on the Belaya River. [illegible] Sots.obesp. [illegible] no.6:[illegible] Je '60

KRASNODAR TERRITORY — STONE AGE
Neolithic and aeneolithic settlements in Krasnodar Territory. A. A. Formozov, A. D. [illegible] no.2:[illegible] '60

KRASNODON — LAW SCHOOLS
Your own correspondence student has a university too. [illegible] Sov.iust. no.7:[illegible] Jl '60

KRASNOKAMSK — PAPER — COST
Lowering the cost of [illegible] cover paper. [illegible] Bum.prom. 35 no.6:[illegible] Je '60.

KRASNOYARSK — COMMUNIST PARTY OF THE SOVIET UNION — PARTY WORK
They talked about education. Agitator no.14:[illegible] '60.

KRASNOYARSK — FLIGHT TRAINING
[illegible] in training. [illegible] My '60
Solo flight. [illegible] '60

KRASNOYARSK — PRINTING INDUSTRY
Efficiency promoters of the Krasnoyarsk printing plant. N. G. Sokolik. Poligr.proizv. no.5:18 [illegible] '60.

KRASNOYARSK — TECHNICAL LIBRARIES
First results. I. Borodenko. Bibliotekar' [illegible] '60.

KRASNOYARSK HYDROELECTRIC POWER STATION
Giant industrial projects. [illegible] My '60.

KRASNOYARSK TERRITORY — BIBLIOGRAPHY
Usachev, V. N., comp. [The Yeniseyan north; bibliography] Eniseiskii Sever; bibliograficheskii ukazatel'. Krasnoiarsk, Krasnoiarskaia kraevaia biblioteka, 1959. 131 p.

[illegible]

KRASNOYARSK TERRITORY — COMMUNIST PARTY OF THE SOVIET UNION — PARTY WORK
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

KRASNOYARSK TERRITORY — RAILROADS
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

KRASNOYARSK TERRITORY — [illegible]
[illegible]

[illegible]

[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG — [illegible]
[illegible]

KRIVOY ROG BASIN — GEOLOGY, [illegible]
[illegible]

KRIVOY ROG BASIN—IRON MINES AND MINING—LABOR PRODUCTIVITY

Increase of labor productivity in "Bol'shevik" and "Gigant" Mines of the Krivoy Rog iron ore basin. S.P.Zhuravlev. Ugol' 35 no.7:6-8 Jl '60.

KRIVOY ROG BASIN—IRON MINES AND MINING—LIGHTING

Lighting of mine workings at the 20th Party Congress Mine. O.F.Lastrov, I.S.Samoilovich. Svetotekhnika 6 no.7:9-11 Jl '60.

KRIVOY ROG BASIN—MARTITE

Varieties of high-grade martite ores in the northern part of the Saksagan band in the Krivoy Rog [with summary in English] V.M.Kravchenko Sov geol 3 no 5: 14-31 My '60

KRIVOY ROG DISTRICT—WORMS, INTESTINAL AND PARASITIC

Materials on the study of helminths parasitic in chickens in Krivoy Rog District [with summary in English]. M.E.Savchenko. Zool.zhur. 30 no.7 1091 Jl '60.

KRIVOYE OZERO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Convincing and inspiring talks of a propagandist. A.Plikhta. Blok.agit.[Ukr.] no.35:18-35 D '60.

KROLEVETS—FARM MECHANIZATION—STUDY AND TEACHING

We are striving for a sound fund of knowledge. P.Leshchenko. Prof.-tekh.obr. 17 no.5:22 23 My '60.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

N.K.Krupskaia as a founder of the Soviet theory of the content of school education. P.I.Pidkasistyi. Dokl. APN no.2:45-48 '60.

N.K.Krupskaia on the connection between adult education and life. P.V.Gornostaev. Obshchobr.shkola vzrosl. no.1:15-20 Ja-F '60.

N.K.Krupskaia on the participation of workers in the development of public education. I.V.Chuvashov. Sov. pedag. 24 no.4:76-80 Ap '60.

A review of N.K.Krupskaia's correspondence with Social Democratic organizations of the Ukraine in 1904. M.I.Gorbunova, O.M.Doronkovskii. Ist.arkh. 6 no.3: 80-105 My-Je '60.

KSHEN (KURSK PROVINCE)—SUGAR MANUFACTURE

Characteristics of the screw conveying system in battery diffusion cells. M.S.Gabovich, I.I.Prilutskii. Sakh. prom. 34 no.7:28-30 Jl '60.

KSUAN TKHU, 1912-

Ksuan Tkhu. Sov.pech. no.7:53-54 Jl '60.

KUBA DISTRICT—IRRIGATION CANALS AND FLUMES

Pressure pipe drop with energy dissipator. A.M.Pasechnov. Gidr.i mel 12 no.5:46-49 My '60.

KUBA DISTRICT—MATRICARIA

A new species of the genus Tripleurospermum Schult. Bip. from the Caucasus. E.G.Pobedimova Bot.mat. Gerb. 20:490-492 '60.

KUBA MOUNTAIN—FUNGI

New species of Leptothyrium from Azerbaijan: Leptothyrium calystegiae Mechtijeva sp.n. N.A.Mekhtieva. Dokl.AN Azerb.SSR 16 no.4:393-394 '60.

KUBAN—LIBRARIES

Following the decree of the Central Committee of the CPSU. V.Artiushin. Bibliotekar' no.7:4 6 Jl '60.

KUBAN—WATER, UNDERGROUND—ANALYSIS

Changes in the chemical composition of underground waters in the Azov-Kuban trough and their iodine and bromine contents. N.V.Ovchinnikov. Izv.vys.ucheb. zav.; geol.i razv. 3 no.1:134 138 Ja '60.

KUBAN DELTA REGION—HYDROLOGY

Regularities of the change of stream velocity and discharge in the steep to shore region near river estuaries and associated processes based on studies of the Kuban River. A.I.Simonov Trudy GOIN no.49:10 17 '60

KUBAN VALLEY—DOLPHINS, FOSSIL

Remains of fossil dolphins from middle Sarmatian sediments in the vicinity of Armavir. G.Mchedlidze. Soob. AN Gruz.SSR 24 no.4.429-434 Ap '60.

KUBAN VALLEY—EROSION

Terraces of the Kuban River. IU.I.Panov Trudy Gidroproekta 0:242 250 '60

KUBAN' VALLEY—ETHNOLOGY

Ethnological study of population of the Kuban' River basin. L.N.Chizhikova. Krat.soob.Inst.etn. no.33: 3-14 '60.

KUBAN VALLEY—LEAD ORES

Basic structural characteristics of lead-zinc deposits in the El'brus ore province. F.I.Vol'fson, S.I.Lezin. Geol. rud.mestorozh. no.1:55-69 Ja-F '60.

KUBAN VALLEY—ZINC ORES

Basic structural characteristics of lead-zinc deposits in the El'brus ore province. F.I.Vol'fson, S.I.Lezin. Geol. rud.mestorozh. no.1:55-69 Ja-F '60.

KUCHAR, ALES', 1910-

Critic and playwright. V.Burnosau. Belarus' 17 no.8: 15 Ag '60.

KUDEPSTA—ARTERIES—DISEASES

Treatment of obliterating endarteritis at the Kudepsta Sanatorium. IA.S.Levertov. Voen.-med.zhur. no.6: 82 Je '60.

KUDREIKO, ANATOLII

Feeling of the times ("Accomplishments"; book of verse by Anatolii Kudreiko. Reviewed by P.Pavlov) Neva no.6:207 '60.

KUMA VALLEY—PASTURE RESEARCH

Seasonal dynamics of herbage in different associations of semidesert microcomplexes. I.I.Volkova. Bot. zhur. 45 no.7:1027-1031 Jl '60.

KUPRIN, ALEKSANDR VASIL'EVICH, 1880-1960

A.V.Kuprin; obituary. Iskusstvo 23 no.6:71 '60.

KURA-ARAS LOWLAND—SOILS—ANALYSIS

Some data on the study of clayey minerals in soils of the Kura-Aras Lowland [In Azerbaijani with summary in Russian]. I.Sh.Iskenderov. Izv.AN Azerb.SSR.Ser. biol.i med.nauk no.9:141-149 '60.

KURA LOWLAND—SOIL CHEMISTRY

Some comparative chemical data on soils and soil-forming rocks on the Kura-Aras Lowland [In Azerbaijani with summary in Russian]. I.Sh.Iskenderov. Dokl AN Azerb.SSR 16 no.3:261-264 '60.

KURAMA RANGE—ORE DEPOSITS

Occurrences of enriched sectors of ore bodies in the Uch-Ochag deposit. P.M.Nekrasov. Geol.rud.mestorozh. no.1:89-91 Ja-F '60.

KURAMA RANGE—PYRITES

Some data on pyrites from southwestern spurs of the Kurama Range. Z.M.Protod'iakonova Zap Uz otd Vses min ob-va no 13:63-70 '59.

KURAMA RANGE—ROCKS, IGNEOUS

Contact effect of alaskite granites of the Kurama Range (Central Asia) on the surrounding granodiorites and effusive rocks. L.S.Smorchkov, R.I.Ommel'ianenko Trudy IGEM no 37:1-30 '60

Crystallization order of accessory minerals as exemplified in some igneous rocks of the Kurama and Chatkal Ranges (Central Asia). O.P.Eliseeva Trudy IGEM no 37:92 105 '60.

KURAMA RANGE—TETRAHEDRITE

Tetrahedrite ores in the Lashkerek silver-lead-zinc deposit. R.I.Dunin-Barkovskii Zap Uz otd Vses min ob-va no 13:104 111 '59

KURCHATOV, IGOR' VASIL'EVICH, 1903-1960

Academician Igor' Vasil'evich Kurchatov, obituary Zhur eksp i teor fiz 38 no 3:669-670 Mr '60.

KURDISTAN—HAWTHORN

New hawthorn species from the eastern part of the Mediterranean area. A.I.Pojarkova. Bot mat Gerb. 20:186-193 '60

KURGAL'DZHINO DISTRICT—ADULT EDUCATION

They organized the lecture courses; but what are their results? A.Bekozhanov. Sov.deput.trud. no.7:79-80 Jl '60.

KURGAN—CHEMICAL INDUSTRIES

Construction of a large chemical plant. T.Samoilova Sov profsoiuzy 16 no 9:22-23 My '60

KURGAN—TELEVISION

Loss of local stability in shafts of steel television towers. B.I.Beliaev. Prom.stroi. 38 no.7:31-34 '60.

KURGAN PROVINCE—ARCHIVES

Party archives help our propagandists. V.Eropkin. Part. zhizn' no.14:61 Jl '60.

KURILE STRAITS—ALGAE

A new species of Exuviaella and new form of Thalassiosira hyalina from the Kurile Straits. A.I.Kuz'mina. Bot.mat Otd.spor.rast 13:40-47 '60.

KURSK—FRUIT TRADE

Director of a store as an efficiency promoter. M.Bekel'man. Sov.torg. 33 no.6:30-38 Je '60.

KURSK—SUGAR MANUFACTURE

Improvement of the condensate system. V.I.Krishtal'. Sakh.prom. 34 no.6:58-59 Je '60.

KURSK MAGNETIC ANOMALY

Further problems in the exploitation of the Kursk Magnetic Anomaly. N.N.Afendikov. Vest.AN SSSR 30 no.7:104-105 Jl '60.

Hidden treasures of the Kursk region. M.Leibel'man. Blok.agit.[Len.] no.14:33-42 My '60.

Kalganov, M.I., and M.A.Kossovskii. [Kursk Magnetic Anomaly] Kurskaia magnitnaia anomaliia. Moskva, Gos.izd-vo geogr. lit-ry, 1960. 70 p.

KURSK MAGNETIC ANOMALY—IRON ORES

Akademiia nauk SSSR. Institut gornogo dela. [Studies of the geological station of the Kursk Magnetic Anomaly] Raboty gornogeologicheskoi stantsii na Kurskoi magnitnoi anomalii. Moskva, 1960. 282 p.

KURSK PROVINCE—BRICK INDUSTRY

New features in drying and firing bricks. I.Beschinskii. Sov.potreb koop 4 no 6:28-30 Je '60

KURSK REGION—IRON ORES

Hidden treasures of the Kursk region. M.Leibel'man. Blok.agit.[Len.] no.14:33-42 My '60.

KUSARY DISTRICT—LICHENS

Occurrence of lichens in Kusary District. Sh.O.Barkhalov. Dokl.AN Azerb.SSR 16 no.3:285-288 '60.

KUSHNAREV, ANDREI ALEKSANDROVICH

Work methods of the senior gas-fired furnace operator, A.A.Kushnarev. M.M.Gladkii. Metallurg 5 no.8: 31-36 Ag '60.

KUSTANAY PROVINCE—BAUXITE

Composition and textural characteristics of beans in Mesozoic bauxites in Kustanay Province. E.N.Kuzemkina. Geol.rud.mestorozh. no.3:96-107 My-Je '60.

KUSTANAY PROVINCE—BIRCH MOUSE

Materials on the biology of the steppe birch mouse (Sicista subtilis Pall.) [with summary in English]. V.E.Flint. Zool.zhur. 39 no.6:942-946 Je '60.

KUSTANAY PROVINCE—CONSTRUCTION INDUSTRY

Expansion and distribution of the construction industry enterprises in the Kustanay Economic Region. L.Sakulinskii. Ekon.stroi no.5:15-20 My '60.

KUSTANAY PROVINCE—FARM MECHANIZATION—STUDY AND TEACHING

Seminar for senior foremen. IU.Zal'tsberg. Prof.-tekh. obr. 17 no.5:24 My '60.

KUSTANAY PROVINCE—PARASITES

Parasites of fishes in waters of Kustanay Province. A.I. Agapova. Trudy Inst.zool.AN Kazakh.SSR 12:195-205 '60.

KUSTANAY PROVINCE—RUSSIAN NEWSPAPERS

Follow-up on materials published in "Partiinaia zhizn' Kazakhstana." Part.zhizn' Kazakh. 30 no.5:80 My '60.

KUTATELADZE, APOLLON K., 1899-

Gudiashvili, N.I. Appolon Kutateladze. Tbilisi, "Zaria Vostoka," 1958. 39 p.
(NN)

KUVASAY—CEMENT INDUSTRIES

According to the seven-year plan. I.Liaskalo. Uzbekiston 18 no.6:18 Je '60.

KUVERNERIN-YOKI VALLEY—CEPHALOPODA, FOSSIL

First find of a nautiloid in dolomitized limestones of the Pechenga series of the Kola Peninsula V.V.Liubtsov Dokl AN SSSR 133 no 1:199-201 Jl '60

KUYBYSHEV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

At summer propaganda plots. N.Popkov. Agitator no.14:49-50 Jl '60.

KUYBYSHEV—SUGAR MACHINERY

At the Kuybyshev Sugar Factory. Sakh.prom. 34 no.7: 40-41 Jl '60.

KUYBYSHEV—TRANSPORTATION, AUTOMOTIVE

Working as Communists should. S.Ushmudin Avt transp 38 no 7:11 Jl '60

KUYBYSHEV PROVINCE—CHERRY

Mahaleb cherry as a rootstock for cultured varieties in Kuybyshev Province. F.Z.Uvarov. Biul.Glav.bot. sada no.36:105-106 '60.

KUYBYSHEV PROVINCE—COLLECTIVE FARMS—FINANCE

We are studying the collective farm economy. L.Perminov. Den.i kred. 18 no.8:43-45 Ag '60.

KUYBYSHEV PROVINCE—GAS, NATURAL

Petroleum and gas industries in Kuybyshev Province in 1960. V.I.Muravlenko. Neft.khoz. 38 no.1:17-21 Ja '60.

KUYBYSHEV PROVINCE—LARCH

Formation of the mycorhiza of larch in Chernozem soils of the trans-Volga region and methods for stimulating it [with summary in English] G.I.Tserling Mikrobiologiia 29 no.3:401-407 My-Je '60

KUYBYSHEV PROVINCE—PETROLEUM—BACTERIOLOGY

Distribution of sulfate-reducing bacteria in petroleum beds of Kuybyshev Province in connection with the salt composition of waters associated with them [with summary in English] V.A.Kuznetsova Mikrobiologiia 29 no 3:408-414 My-Je '60.

KUYBYSHEV PROVINCE—PETROLEUM INDUSTRY

Petroleum and gas industries in Kuybyshev Province in 1960. V.I.Muravlenko. Neft.khoz. 38 no.1:17-21 Ja '60.

KUZNETSK—LECTURES AND LECTURING
Lectures of an industrial plant and the propagation of technological progress. I.Chirkov. [illegible] 1 no.5:10-11 [illegible] '60.

KUZNETSK BASIN—BLASTING
Kuznetsk Basin Conference on Blasting Operations in Open Pit Mines. B.I.Shadrin, [illegible]. Ugol' 35 no.6:60-61 Je '60.

KUZNETSK BASIN—COAL MINES AND MINING
Mastery of cyclic operations. A.Shtumpf. Mast.ugl. 9 no.5:4 My '60.

KUZNETSK BASIN—COMMUTING
Willy-nilly tourists. V.Kim. Mast.ugl. 9 no.6:21 '60.

KUZNETSK BASIN—MINE GASES
Characteristics of gas emission in development workings. B.G.Taranov. Ugol' 35 no.5:27-31 My '60.

KUZNETSK BASIN—MINE ROOF BOLTING
Experience in the use of anchor bolting in development workings of Kuznetsk Basin "Kapital'naya 1" Mine. N.I.Fedorov, N.I.Mel'nikov. Ugol' 35 no.5:17-21 My '60.

KUZNETSK BASIN—MINE TIMBERING
Effectiveness of metal supports used in roof caving in Kuznetsk Basin mines. V.V.Augustik. Ugol' 35 no.5:39 My '60.
Statement made after the congress. A.Kurov. Mast.ugl. 9 no.6:9 '60.

KUZNETSK BASIN—MINE VENTILATION
Selecting a system of forced air exhaust methods of mine ventilation in construction prevailing in the Prokop'yevsk-Kiselevsk area. A.M.Primyshev. Izv.vys.ucheb.zav.; gor.zhur. no.2:57 [illegible] '60.

KUZNETSK BASIN—MINING ENGINEERING
Roof caving without battery stulls. V.V.Augustskii, V.V. Zhukov. Ugol' 35 no.7:41-46 Jl '60.

KUZNETSK BASIN—PALEONTOLOGY—SILURIAN
Chernyshova, N.E. [Upper Silurian and Devonian trilobites of the Kuznetsk Basin] Verkhnesiluriiskie i devonskie trilobity Kuznetskogo basseina. Moskva, Gos.izd-vo geol.lit-ry, 1959. 71 p.
(CH)

KUZNETSK BASIN—SANITARY ENGINEERING—CONGRESSES
Scientific-technical conference of sanitary engineers of the Kuznetsk Basin. Vod.i san.tekh. no.4:40 Ap '60.

KYURDAMIR DISTRICT—WORMS, INTESTINAL AND PARASITIC
Helminth fauna of the water rat (Arvicola terrestris L.) in Azerbaijan [in Azerbaijani with summary in Russian] I.A.Sadykhov. Izv.AN Azerb.SSR. Ser.biol.i med.nauk no.1:77-79 '60.

KYZYL AGACH PRESERVE—BIRDS
Bird colonies in the Kyzyl Agach Preserve. A.K.Oganov. Priroda 49 no.7:91-96 Jl '60.

KYZYL KUM—GAZELLES
Distribution and numbers of the Persian gazelle and saiga in northern Kyzyl Kum. V.G.[illegible], I.V. Rotshil'd, V.M.Smirin. Vop.geog. no.48:51-54 '60.

KYZYL KUM—SAIGA
Distribution and numbers of the Persian gazelle and saiga in northern Kyzyl Kum. V.G.[illegible], I.V. Rotshil'd, V.M.Smirin. Vop.geog. no.48:51-54 '60.

KYZYL KUM—SAND
Special features of cellular sands in the central Kyzyl Kum. L.D.Mamedov. [illegible] 25-31 '60.

KYZYL KUM—ZOOGEOGRAPHY
Biological groups of desert animals, characteristics of their distribution and biogeographical mapping. [illegible]. Vop.geog. no.48:90-103 '60.

KZYL ORDA—CIVIC IMPROVEMENT
When the women try to help. G.Alimov. Part.zhizn' Kazakh. 30 no.7:36-38 Jl '60.

KZYL ORDA PROVINCE—AGRICULTURE
Obligations must be carried out. I.Salykov. Part.zhizn' [illegible] no.11:37-41 [illegible] '60.

LA SALLE, ROBERT CAVELIER SIEUR DE, 1643-1687
Varshavskii, A.S. [Path to the south] Doroga vedet na iug. Moskva, Gos.izd-vo geogr.lit-ry, 1960. 95 p.

LABELING MACHINES
Executed assignment. [illegible] 4 no.5:62-64 My '60.

LABELS
Medicine bottle labels. O.I.Kozlova. Zdorov'e 6 no.7:31 Jl '60.

LABELS—COLLECTORS AND COLLECTING
Notebook for those working with children. Klub 9 no.5:38 My '60.

LAB[illegible]—OILS AND FATS
From letters to the editor. A.M.Tal'man. Masl.-zhir. prom. 26 no.7:43 Jl '60.

LABOR
Course of pregnancy, labor, and fetal development in rats following the pathological variations of period of pregnancy and restoration of food, temperature under various conditions [with summary in English]. N.G. Kovaleva. [illegible] 36 no.1:5-10 Ja '60.

LABOR, COMPLICATED
Labor in a clinically narrow pelvis. R.I.Kalganova. Vop.okh.mat.i det. 5 no.2:72-76 Mr-Ap '60.

LABOR AND LABORING CLASSES
(See also subdivision under: France, Hungary, India, Iran, Japan, Leningrad, Moscow, Rumania, Stalinsk, United States, Uruguay)
Academic session on the history of the Russian proletariat. IU.N.Shebaldin. Ist.SSSR 4 no.3:210-213 My-Je '60.
Academic session on the history of the Soviet laboring class. Z.A.Antonovich, V.A.Lebov, V.I.Glazunov. Ist.SSSR 4 no.3:208-210 My-Je '60.
Accountants' tasks in connection with the decisions of the May session of the Supreme Soviet of the U.S.S.R. Bukhg.uchet 17 no.6:1-4 Je '60.
Chernyak, E.B. [Bourgeois historiography on the labor movement] Burzhuaznaia istoriografiia rabochego dvizheniia; kriticheskii ocherk. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 107 p.
Cultural and technical development of Soviet workers. M.T.Iovchuk. Vop.filos. 14 no.7:34-40 '60.
From socialist to communist labor. A.Lapin. Vop. ekon. no.4:32-41 Ap '60.
A history of V.I.Lenin's struggle against "economism." I.M.Sukhov. Vop.ist.KPSS 4 no.4:[illegible] '60.
Inter-institutional conference on the topic of the education of the working class during the building of communism [illegible]. Vop.ist.KPSS [illegible] '60.
International communist and labor movement after the Second World War. [illegible]. Nov.i noveish.ist. no.5:111-117 '60.
[New forms of exploitation and the workers' movement; materials on the exchange of opinions among Marxists in a number of European, American and Asiatic countries on the problem of the theory and practice of "human relations" in capitalistic enterprises] Novye formy ekspluatatsii i rabochee dvizhenie; materialy obmena mneniiami marksistov [illegible] Evropy, Ameriki i Azii po voprosam teorii i praktiki "chelovecheskikh otnoshenii" na kapitalisticheskikh predpriiatiiakh. [illegible] 1959 g. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 143 p.
[Origin of the labor movement and dissemination of Marxism in Russia, 1883-1894] Nachalo rabochego dvizheniia i rasprostranenie marksizma v Rossii, 1883-1894 gody; dokumenty i materialy. Moskva, Gos.izd-vo polit.lit-ry, 1960. 370 p. (V pomoshch' izuchaiushchim istoriiu KPSS)
Rogachevskaia, L.S. [The working class of the U.S.S.R. (1920-1929)] Rabochii klass SSSR, 1920-1929 gg. Moskva, Izd-vo "Znanie," 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.1, Istoriia, no.22)
"Studying the labor movement in [illegible]." Reviewed by [illegible]. [illegible] no.3:112-116 Mr-Ap '60.
V.I.Lenin on the communist [illegible] labor. [illegible]. Vest.AN Kazakh.SSR [illegible] 30-35 Ap '60.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY. See Bibliography—Labor and laboring classes.

LABOR AND LABORING CLASSES—DWELLINGS
(See also subdivision under: [illegible], Kazakhstan, Kiev)
Discussing the quality of dwelling construction [illegible]. [illegible] [Ukr.] no.6:15-21 Je '60.
Our cities will be comfortable and beautiful. [illegible] [Ukr.] no.6:17-[illegible] Je '60.
In the furnished apartment. [illegible] no.6:[illegible] Je '60.

LABOR AND LABORING CLASSES—MEDICAL CARE
(See also subdivision under: [illegible], Karelia)
In addition to wages. I.Dzhafarov. [illegible] no.10:[illegible] '60.

LABOR AND LABORING CLASSES IN LITERATURE
Lashchenko, V.V. [The theme of work in Soviet belles-lettres] Tema pratsi v radians'kii khudozhnii literaturi. Kyiv, 1960. 48 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.8, no.15)
The future is conceived today. N.Pavliuk. [illegible] 10 no.8:151-155 Ag '60.

LABOR COURTS
(See also subdivision under: Baku, Leningrad, Orel Province, Stalingrad)
Closer to practical needs. IA.Kondrat'ev. Sov.iust. no.7:5 Jl '60.

Follow [illegible] control [illegible]. [illegible] Prom. koop. 14 no.6:[illegible] Je '60.
[illegible] '60.
How do the fellows [illegible].
Valuable initiative. [illegible] '60.

LABOR DISCIPLINE
[illegible]
[illegible]
Some problems concerning [illegible] of collective farmers [illegible]

LABOR JOURNALISM. See [illegible]

LABOR LAWS AND LEGISLATION
(See also Industrial Relations [illegible])
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

LABOR [illegible]

LABOR PRODUCTIVITY
(See also [illegible])
[illegible]
[illegible]
[illegible]
[illegible]

LABOR [illegible]

LABOR SUPPLY
[illegible]
[illegible]

LABORATORIES [illegible]

LACQUER AND LACQUERING
[illegible]
[illegible]
[illegible]

LACQUER AND LACQUERING [illegible]
[illegible]

LACTASE
[illegible]

Influence of lactic acid on the synthesis of oxytetracycline in fermentation [with summary in English]. Liu Iu-yung and others. Antibiotiki 5 no.1:52-57 Ja-F '60.

LACTONES
Synthesis of macrocyclic diacetylenic lactones. L.D. Bergel'son, IU.G. Molotkovskii, M.M. Shemiakin. Izv AN SSSR.Otd.khim.nauk no.6:1140 Je '60.

LADOGA REGION—RIVERS
Water regimen characteristics of rivers in the northern part of the Lake Ladoga region. A.G. Pronin. Uch. zap.LGU no.292:130-160 '60.

LADOGA REGION—TOURISM
Ladoga, the glorious sea. K. Cherevkov. Ogonek 38 no.31:25 Jl '60.

LADYSMANTLE
"Variation in the apomictic microspecies of Alchemilla vulgaris L.," "Progeny tests in agamotypes with regard to morphological characters," "Geographical distribution and chromosome number," and "Observations on some clones and clone progenies in Alchemilla alpina L." [in English] by G. Turesson. Reviewed by E.N. Sinskaia. Bot.zhur. 45 no.5:771-773 My '60.

LADZHANURI HYDROELECTRIC POWER STATION DAMS
Arch dam of the Ladzhanuri Hydroelectric Power Station. V.I. [illegible]. Gidr. stroi. 30 no.6:11-18 Je '60.

LAGODEKHI PRESERVE—BIRDS
Birds of the Lagodekhi Preserve and vicinity. R.G. Zhordaniia. Soob.AN Gruz SSR 24 no.4:459-464 Ap '60.

LAGODOVSKAIA, ELENA FEDOROVNA, 1890-1958
Elena Fedorovna Lagodovskaia; obituary. Krat.soob. Inst.arkheol. AN URSR no.9:[illegible] '60.

LAHORE—DESCRIPTION
Strolling around Lahore. Attilio Gaudio. V [illegible] mira no.7:[illegible] '60.

LAHORE—STUDENTS
Strolling around Lahore. Attilio Gaudio. V [illegible] mira no.7:[illegible] '60.

LAHTI, FINLAND—VOCATIONAL EDUCATION
Trade schools in Lahti. M. Sokolova. Prof.-tekh.obr. 17 no.6:30-31 Je '60.

LAKA DISTRICT (DAGHESTAN A.S.S.R.)—OBSTETRICS
Organization of obstetrical care in Laka District, Daghestan A.S.S.R. [illegible] Pashaeva. Vop.okh.mat.i det. 5 no.3:82-84 My-Je '60.

LAKES see subdivision under Aryk-Balyk District; Kokchetav Province; Kola Peninsula; Siberia, Western

LAMARCK, JEAN BAPTISTE, 1744-1829
Lazarev, V.G., and others. [Lamarck and modern natural science, on the 150th anniversary of J.B. Lamarck's theory of evolution] Lamark i sovremennoe estestvoznanie, k 150 letiiu evoliutsionnogo ucheniia Zh. B. Lamarka. Tomsk, Izd-vo Tomskogo univ., 1959. 44 p.
J.B. Lamarck's teaching and role in the development of biology. A.L. [illegible], A.I. [illegible]. Vestsi AN BSSR. Ser.biial. nav. no.2:33-42 '60.

LAMBLIASIS see Giardiasis

LAMBS
Significance of morphological study of the afterbirth in determining some characters in newborn farm animals. K.M. [illegible]. Biul MOIP.Otd.biol. 65 no.3:157-158 My-Je '60.

LAMELLIBRANCHIATA
(see also subdivision under Black Sea; Soviet Far East)
Relation between the slow rhythm of periodical activity of Anodonta cygnea and the state of sulfhydryl groups in protein bodies [with summary in English]. IA. [illegible]. Zhur ob.biol. 21 no.3:229-232 My-Je '60.

LAMELLIBRANCHIATA, FOSSIL
(see also subdivision under Black Sea, Dniester Valley, Leningrad Province, Ragusha Valley)
The genus Variamussium Sacco in the Paleogene of the U.S.S.R. I.A. Korobkov. Paleont.zhur. no.4:73-81 '59.
Systematics of Sarmatian mactrids. N.P. [illegible]. Paleont.zhur. no.2:89-96 '60.

LAND—CLASSIFICATION
The First All-Union Conference on Land Inventory and Evaluation. K.V. Zvorykin. Vest.Mosk.un.Ser.5 Geog. 15 no.3:74 My-Je '60.

LAND TENURE
(see also subdivision under Africa; Cuba; Fergana; Komi A.S.S.R.; White Russia)
Collapse of the agrarian policy of Stolypin and the aggravation of the class struggle in rural areas. P.S. [illegible]. Uch.zap.Khar.derzh.bibliot.inst. no.4:65-81 '59.

collectivization of land] Teoriia i praktika sotsialisticheskogo obobshchestvleniia zemli. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 224 p.
Kozlov, I.I. [Theoretical study of land relations in socialist countries] Zemel'nye otnosheniia v sotsialisticheskikh stranakh, ocherk teorii. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 351 p.
A study of peasant land allotments by the Control Commission of the Ministry of Internal Affairs, 1902-1904. I.V. Nesterov. Nauch.dokl.vys.shkoly.Ist.nauki no.2:76-82 '60.
Vasilevskii, E.G. [Ideological struggle relating to the agrarian reform of Stolypin] Ideinaia bor'ba vokrug stolypinskoi agrarnoi reformy. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1960. 225 p.

LANDSCAPE ARCHITECTURE
(see also subdivision under Dnepropetrovsk)
Green leaves are rustling. V. Kostiuk. Okhr.truda i sots.strakh. 3 no.6:40-41 Je '60.

LANDSCAPE GARDENING see subdivision under Czechoslovakia, Dzhezkazgan, Frunze, Issyk-Kul' region, Moscow, Severodvinsk, Yakutia

LANDSCAPE GARDENING—STUDY AND TEACHING
Landscape garden and the way to lay it out. I. Ignat'eva. [illegible] 33 no.5:77-85 My '60.

LANDSLIDES
Studying slides in open-cast workings. V.K. Bogdanovskii, A.M. Nikolaev, G.G. Skvortsov. Razved.i okh.nedr 26 no.5:19-21 My '60.

LANGUAGE AND LANGUAGES
"Introduction to the science of language"; manual for students of philology in the universities and pedagogical institutions by R.A. Budagov. Reviewed by V.N. IArtseva. Vest.Mosk.un.Ser.7: Filol., zhur. no.1:73-78 '60.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CONGRESSES
Linguistic symposium in Erfurt. E.M. Galkina-Fedoruk, N.S. Chemodanov. Vest.Mosk.un.Ser.7: Filol., zhur. no.1:83-84 '60.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Active participation of students in language classes; review of methodological literature. L.I. Gol'denberg. Ukr.mova v shkoli 10 no.3:84-86 My-Je '60.
Conference of the teachers of languages of Zhitomir Province. Ukr.mova v shkoli 10 no.3:88-90 My-Je '60.
Experience in teaching a foreign language to preschool children. V.S. Ginzberg. Sov pedag. 24 no.5:109-118 My '60.
The Fifth Interuniversity Conference of Foreign Language Teachers on Theory and Methods. Sov pedag. 24 no.5:159-160 My '60.
Is it difficult to learn a foreign language? Pavel Podliashchuk. Ogonek 38 no.33:17 Ag '60.
Languages of the Far East and Africa. P. Serdiuchenko. Sovr. Vost. no.7:42 Jl '60.
Poltava session of the Department of Linguistic Methodology of the Educational Research Institute. Ukr.mova v shkoli 10 no.3:87-88 My-Je '60.
Reformatskii, A.A. [Introduction of linguistics; a textbook for pedagogic institutes] Vvedenie v iazykoznanie; uchebnoe posobie dlia pedagogicheskikh institutov. Moskva, Gos.uchebno-pedagog. Izd-vo M-va prosv. RSFSR, 1960. 431 p.
Symposium of the methodological seminar. Vest.Mosk. un.Ser.7: Filol., zhur. no.1:81-82 '60.

LANOLIN
Lanolin. T.P. Zhuze, G.P. Ushkevich, I.F. Gekker. Priroda 49 no.7:60 Jl '60.

LANTERN SLIDES—STANDARDS
New standards for slides. Sov foto 20 no.6:30 Je '60.

LANTHANUM—ISOTOPES
Gamma spectra of isotopes of a lanthanum fraction. E.P. Grigor'ev, S.L. Sakharov, V.O. Sergeev. Izv.AN SSSR Ser.fiz. 24 no.7:839-840 Jl '60.

LANTHANUM SILICIDE
Investigating the conditions of the thermal silicon process of preparing lanthanum silicide, and study of some of its properties. V.S. Neshpor, G.V. Samsonov. Zhur.prikl.khim. 33 no.5:993-1001 My '60.

LAPLAND PRESERVE—BEAVERS
Restoration of beavers in the Lapland Preserve [with summary in English]. A.I. German. Biul. MOIP. Otd. biol. 65 no.3:13-19 My-Je '60.

LAPTEV SEA—HYDROLOGY
Special features of winter vertical circulation in zones of a shore runoff influence. K.D. Sabinin. Vest.Mosk. un.Ser.5 Geog. 15 no.3:37-41 My-Je '60.

Shifting of the southern boundary of old ice in the Laptev Sea. T.P. Morozova. Probl.Arkt.i Antarkt. no.1:5-10 '59.

LARCH see subdivision under Kuybyshev Province, Roshchino region (Leningrad Province)

LARVAE—INSECTS
Larvae of the genus Adesmia Fisch. (Coleoptera, Tenebrionidae) [with summary in English]. N.G. Skopin. Zool.zhur. 39 no.7:1039-1043 Jl '60.

LARYNX—CANCER
Late results of surgery for cancer of the larynx (as shown by data of the Otolaryngological Clinic of the Azerbaijanian State Institute for Advanced Medical Training). M.D. Kazhlaev. Azerb.med.zhur no.5:14-19 My '60.

LATHES
The MK-53KB special purpose semiautomatic multicut lathe. B.P. Kal'nitskii. Biul tekh.-ekon.inform no.7:23-25 '60.
Rotating stay for an automatic precision lathe. S.V. Riskind. Mashinostroitel' no.7:29 Jl '60.
Woodworking lathe. A. Il'in. IUn.tekh. 4 no.5:77 My '60.

LATHES—HYDRAULIC DRIVING
Investigating the dynamics of the hydraulic drive of a copying lathe. B.L. Korobochkin. Stan.i instr. 31 no.7:6-9 Jl '60.

LATHES—NUMERICAL CONTROL
The MR-105 automatic hydraulic copying lathe for machining drills and taps. A.V. Beliaev. Biul.tekh.-ekon.inform. no.7:17-19 '60.

LATHES—SAFETY MEASURES
Device of electric engineer Vorontsov. E. Petrov. Okhr. truda i sots.strakh. 3 no.6:59-60 Je '60.

LATIN AMERICA—CONCERTS
A trip abroad. Sov.muz. 24 no.6:170-171 Je '60.

LATIN AMERICA—ECONOMIC ASSISTANCE, AMERICAN
The policy of the suction pump. K. Tarasov. Mezhdunar zhizn' 7 no.8:69-78 Ag '60.

LATIN AMERICA—FOREIGN RELATIONS—UNITED STATES
Monroe Doctrine? V. Vainshtok, L. Rubinshtein. Ogonek 38 no.30:6-7 Jl '60.

LATIN AMERICA—HISTORY
One hundred fiftieth anniversary of the struggle of Latin America for independence. Vest.AN SSSR 30 no.7:113-114 Jl '60.

LATIN AMERICA—POLITICS
Cuba and the United States. Nov.vrem. 18 no.31:2-3 Jl '60.

LATIN AMERICAN LITERATURE—BIBLIOGRAPHY see Bibliography—Latin American literature

LATIN LANGUAGE, VULGAR—STUDY AND TEACHING
Gurycheva, M.S. [Vulgar Latin] Narodnaia latyn'. Moskva, Izd-vo lit-ry na inostrannykh iazykakh, 1959. 189 p.

LATVIA—ADULT EDUCATION
Training and education of managerial personnel. K. Ozolin. Sov.deput.trud. no.7:34-38 Jl '60.

LATVIA—APARTMENT HOUSES
What's new in the architecture of Soviet Latvia. A. Holzmanis, A. Alvars, V. Maike. Arkhit.SSSR no.7:20-26 '60.

LATVIA—DEUTEROMYCETES
Interesting species of fungi from Latvia. J. Smarods. Bot.mat.Otd.spor.rast. 13:241-243 '60.

LATVIA—ECONOMIC CONDITIONS
Figures on the economy and culture of Soviet Latvia. B. Dubasov, A. IAnchenko. Vest.stat. no.7:9-18 '60.
With a sense of pride. A. Chulit. Kul't. i zhizn' 4 no.7:13-17 '60.

LATVIA—HISTORIC TREES
Living monument. Jan Meisters. Ukraina no.15:32 Ag '60.

LATVIA—INDUSTRIES
Latvian industry. Znan.sila 35 no.6:5 Je '60.

LATVIA—MAGNETIC TESTING
Radio waves measure parts. F. Rabiza. Tekh.mol. 28 no.5:18-19 '60.

LATVIA—PHOTOGRAPHY—PORTRAITS
My countrymen. F. Izrael'son. Sov.foto 20 no.2:14-16 F '60.

LATVIA—RAILROADS—EMPLOYEES

Lagging workers become outstanding ones. M. V. Kostu-chevskii, V. I. Sevast'ianov. Put' i put. khoz. 4 no. 4:10 Ap '60.

LATVIA—RESEARCH

Rapid development of Latvian science. P. I. Valeskaln. Nauka i zhyttia 10 no. 7:58-60 Jl '60.

LATVIA—TEXTILE INDUSTRY

Inspiring results. L. M. Augustaitis. Tekst. prom. 20 no. 7:4-7 Jl '60.

LATVIA—WAR MEMORIALS

In the places of unforgettable heroic deeds. M. Smirnov. Belarus' 17 no. 7:28 Jl '60.

LATVIA—WOOD CARVING

Art diary. N. Pavlova, V. Ryzhkov, G. Koshkin. Ogonek 38 no. 26:21 Je '60.

LATVIA—WORLD WAR, 1939-1945—ATROCITIES

Mystery of the three rings. Lidiia Lesnaia. Ogonek 38 no. 29:17-19 Jl '60.

LATVIAN LITERATURE—TRANSLATIONS INTO RUSSIAN—BIBLIOGRAPHY see Bibliography—Latvian literature—Translations into Russian

LAUNDRIES, PUBLIC see subdivision under Moscow

LAUNDRY MACHINERY

Machines for laundries. I. Maklanovskii. Zhil.-kom. khoz. 10 no. 6:30 '60.

LAURIC ACID

Electro-chromatographic study of the laurates of Co^{2+}, Ni^{2+}, and Cu^{2+}. S. Pinel. Zhur. neorg. khim. 5 no. 5: 1090-1094 My '60.

LAW

(see also subdivision under Ukraine)

New laws and regulations enacted by the ministries and government agencies of the U.S.S.R. and the Union Republics. Sots. zakon. 37 no. 6:81-86 Je '60.

Potential use of automatic devices in the solution of some legal problems. N. D. Andreev, D. A. Kerimov. Vop. filos. 14 no. 7:108-110 '60.

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

Decisions of Soviet courts. Sov. iust. no. 7:29-30 Jl '60.

Decisions of Soviet courts. Sov. iust. no. 8:29-30 Jl '60.

How the public prosecutors of the U.S.S.R. supervise the observance of legality. Sots. zakon. 37 no. 6:88-90 Je '60.

Judicial practice. Sots. zakon. 37 no. 6:07 Je '60.

LAW—CODIFICATION

At the Conference on the Systematization of Soviet Laws. F. A. Zinchuk. Sov. gos. i pravo no. 7:153-160 Jl '60.

Sofronenko, K. A. [The Code of 1649, a digest of Russian feudal law] Sobornoe ulozhenie 1649 goda - kodeks russkogo feodal'nogo prava. Moskva, Mosk. gos. univ. im. M. V. Lomonosova, Iurid. fakul'tet, 1958. 87 p.

Some theoretical problems of legislative enactments relating to the systematization of Soviet laws. A. F. Shebanov. Sov. gos. i pravo no. 7:139-151 Jl '60.

LAW—PERIODICALS

Lawyers struggle for peace and democracy. V. S. Nesterov. Sov. gos. i pravo no. 7:101-107 Jl '60.

LAW—PHILOSOPHY

Akademiia nauk SSSR. Institut prava. [Critical evaluation of bourgeois reformist and revisionist theories in the field of the state and law] Kritika burzhuarno reformistskikh i revizionistskikh teorii v voprosakh gosudarstva i prava. Pod red. S. A. Pokrovskogo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 295 p.

Aleksandrov, I. G., and others. [Basic theoretical principles of the state and law] Osnovy teorii gosudarstva i prava. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 438 p.

Arzhanov, M. A. [Correlation between the state and law] Gosudarstvo i pravo v ikh sootnoshenii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 285 p.

Let's intensify our struggle against hostile political and legal ideology. Sov. gos. i pravo no. 7:45-56 Jl '60.

LAW—STUDY AND TEACHING

Let's diversify the forms of legal information. Sov. iust. no. 7:1-3 Jl '60.

LAW AND LITERATURE

Ordinary facts. M. Ul'man. Sov. iust. no. 8:24-25 Jl '60.

LAW AND SCIENTIFIC DISCOVERIES see Scientific discoveries and law

LAW REPORTING

"From the courtroom." L. Sheinin. Sov. iust. no. 7:31 Jl '60.

LAW SCHOOLS see subdivision under Irkutsk, Krasnodar

LAWNS

Green lawns on children's playgrounds. G. Abramishvili. Doshk. vosp. 33 no. 5:85-86 My '60.

LAWYERS see subdivision under Ivanovo Province

LAYING OUT (MACHINE SHOP PRACTICE)

Malozovskii, M. L., and K. R. Chepelenko. [Mechanics and patternmaker, work practice] Slesar' lekal'shchik, opyt raboty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 184 p.

LAZARENKO, K

"The bouquet of lilacs wilted," [illegible] Hortnova. Sov. muz. 24 no. 7:117-140 Jl '60.

LAZAREV SHELF ICE

Lazarev Shelf Ice, its morphology and origin. V. Kh. Buinitskii. Inform. biul. Sov. antark. eksp. no. 18:5-8 '60.

LAZO, SERGEI GEORGIEVICH, 1894-1920

Nemirov, I. I. [In the flames of revolution, a historical biographical essay about Lazo] V ogne revoliutsii, istoriko-biograficheskii ocherk o S. Lazo. Kishinev, Uchebno-pedagog. izd-vo Moldavskoi SSR "Shkola Sovetike," 1959. 343 p.

LCHASHEN—BRONZE AGE

Ancient vehicles from bronze age burial mounds on the shore of Sevan Lake. A. O. Mnatsakanian. Sov. arkheol. 4 no. 2:139-161 '60.

LEAD

(see also subdivision under Almalyk region)

Effect of lead impurities on the corrosion resistance of electrolytic zinc. [illegible] Khamraeva. Zhur. prikl. khim. 33 no. 7:1606-1591 Jl '60.

Estimating the upper limit of the lead content in the solar atmosphere from the infrared lead line [illegible] [with summary in English]. M. Z. Khokhlova. Izv. Krym. astrofiz. obser. [illegible] 170-111 '60.

Role of lead in leaded brass. A. A. Presniakov and others. Tsvet. met. 33 no. 7:77-81 Jl '60.

Solubility isotherm of the system $Na_2O - H_2O - As_2O_5$ at 75° (concerning the process of the alkaline refining of lead). G. G. Ivanov, B. M. Lipshits, V. S. Lovchikov. Zhur. neorg. khim. 5 no. 4:950-952 Ap '60.

Yield of photoneutrons emitted from lead under the action of electrons with energies from 10.5 to 20.5 Mev (thick absorber on lead) [with summary in English]. V. M. Gritsko and others. Zhur. eksp. i teor. fiz. 38 no. 5:1470-1475 My '60.

LEAD—ANALYSIS

New reagent for lead [with summary in English]. A. M. Lukin, G. S. Petrova. Zhur. anal. khim. 15 no. 4:205-208 My-Je '60.

LEAD—ISOTOPES

Quantitative determination of lead and bismuth [illegible] in the air of mines. V. I. Baranov, [illegible]. Atom. energ. 9 no. 1:56-57 Jl '60.

Use of the isotopic composition of lead in the prospecting for uranium ores. [illegible] Sokolova, A. I. Tugarinov. Atom. energ. 9 no. 1:21-26 Jl '60.

LEAD—METALLOGRAPHY

Metallographic study of the formation of the sub-structure in lead in strong deformation. M. A. Bol'shanina, P. A. Kondrat'ev. Izv. vys. ucheb. zav.; fiz. no. 1:119-13[illegible] '60.

LEAD—METALLURGY

Brief historical outline of the development of lead metallurgy in Russia. V. S. Lovchikov. Tsvet. met. 33 no. 7:66-71 Jl '60.

LEAD—SPECTRA

Raising the sensitivity of the isotopic spectral analysis of lead. M. S. Kantsiian, [illegible], [illegible]. Opt. i spektr. 8 no. 1:21-26 Ja '60.

Using the absorption method in experimental determination of oscillator strength of lead lines [with summary in English]. M. Z. Khokhlova. Izv. Krym. astrofiz. obser. 24:110-117 '60.

LEAD BROMIDE

Fusibility diagram in a ternary system of potassium, thallium and lead bromides. [illegible] Bergman. Zhur. neorg. khim. 5 no. 5:1115-1119 My '60.

Fusibility diagram of a ternary system consisting of sodium, potassium, and lead bromides. I. I. Il'iasov, G. G. Shchemeleva, A. G. Bergman. Zhur. neorg. khim. 5 no. 6:1254-1256 Je '60.

LEAD CHLORIDE

Interaction between silver chloride, lead chloride, and zinc in melts. A. P. Palkin, Iu. P. Afinogenov. Zhur. neorg. khim. 5 no. 7:1555-1558 Jl '60.

[illegible] between [illegible] thallium, barium, and lead chlorides [illegible] [with summary in English]. V. A. [illegible] 31 no. 6:1[illegible] 1250 Je '60.

LEAD HALIDES

Equilibria in solutions of [illegible] complexes. Mixed lead and cadmium [illegible] I. A. D. Fridman, D. S. Sarbaev, [illegible]. Zhur. [illegible] khim. 5 no. 4: [illegible]-808 Ap '60.

LEAD NITRATE

Effect of the concentration of [illegible] in a solution on its adsorption by growing lead nitrate crystals. I. N. Shatunova. Kristallografiia 5 no. 1:00-[illegible] Ja-F '60.

Solubility of lead nitrate [illegible] A. A. [illegible]. Zhur. [illegible] khim. [illegible]

LEAD ORES

(see also subdivision under Akhtlyak [illegible], Kuban Valley)

Microchemical [illegible] of lead ore deposits. L. N. Burakova. Ucheb. zap. [illegible] 151-172 '60.

LEAD OXALATE

[illegible]

LEAD OXIDE

[illegible]

Use of [illegible]. [illegible]

LEAD [illegible]

[illegible]

LEAD PLATING

[illegible]

LEAD [illegible]

[illegible]

LEAD [illegible]

[illegible] [with summary in English] [illegible] Jl '60.

LEAD [illegible]

[illegible]

LEAD VANADATE

[illegible]

LEADERS OF [illegible]

[illegible]

LEADING [illegible] see [illegible]

LEADERSHIP, PARTY [illegible]

[illegible]

[illegible]

[illegible]

The structure of [illegible] knowledge. Ben. [illegible] [illegible] individual facts. [illegible] no. 4:71-76 '59.

LEATHER—STANDARDS

Standardizing footwear and leather. [illegible] Standartizatsiia 24 no. [illegible]

LEATHER, ARTIFICIAL

Bilenkii, D. A. [Artificial leather] [illegible] [Moskva], [illegible] illus.

Utilization of hidden potentialities in the leather and shoe industries. Biul. tekh.-ekon. inform. no. 7:69-70 '60.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

The ZDK machine for the leather and shoe industry. D.I.Luk'ianov. Biul. tekh.-ekon. inform. no. 7:43-44 '60.

LEATHER INDUSTRY—TECHNOLOGICAL INNOVATIONS

Over-all mechanization and automation of production in the leather industry. I.P.Ushatkin. Mekh. i avtom. proizv. 14 no. 6:57-58 Je '60.

LEAVES—OPTICAL PROPERTIES

Studying optical properties of leaves as related to the angle of incidence of light. S.V.Tageeva, A.B.Brandt. Biofizika 5 no. 3:309-317 '60.

LEAVES—RADIOGRAPHY

Roentenographic method of studying the morphology of leaves and the outlook for its use. E.I.Sloplan, A.N. Kishkovskii. Bot. zhur. 45 no. 5:695-703 My '60.

LEAVES, SHEDDING OF see Defoliation

LEBANON—DESCRIPTION AND TRAVEL

Hail, Babylon! (to be concluded) Iulian Semenov. Smena 37 no. 11:24-27 Je '60.

LEBANON—ECONOMIC CONDITIONS

Through Lebanon. V. Kalin. Sovr. Vost. no. 7:40-42 Jl '60.

LEBANON—ELECTIONS

Parliamentary elections in Lebanon. G. Nikolaev. Mezhdunar. zhizn' 7 no. 8:128-130 Ag '60

LEBEDEV, VLADIMIR VASIL'EVICH

Youth, strength, and skill. Dm. Moldavskii. Neva no. 5:180-185 '60.

LEBEDINSKAIA, SERAFIMA IVANOVNA, 1900-

Serafima Ivanovna Lebedinskaia; on her 60th birthday. O.IA.Ostryi. Pat. fiziol. i eksp. terap. 4 no. 3:93-94 My-Je '60.

LECITHIN

Solubilization of water in hydrocarbon solutions of lecithin [with summary in English]. P.A.Demchenko. Koll. zhur. 22 no. 3:297-300 My-Je '60.

LECTURES AND LECTURING

(see also subdivision under Kurgatsk; Murmansk; Pakhta-Aral'skiy District)

Let's diversify the forms of legal information. Sov. iust. no. 7:1-3 Jl '60.

A somewhat abstruse book ("The art of lecturing" by F.Fal'kovich. Reviewed by I.Mudlin) Polit. samoobr. 4 no. 6:125-128 Je '60.

LEFT- AND RIGHT-HANDEDNESS

Answers to parents. Sem'ia i shkola 15 no. 6:30-30 Je '60.

LEGAL AID

From the editor's mail. Sots. zakon. 37 no. 6:76 Je '60.

LEGISLATION

At the Conference on the Systematization of Soviet Laws. E.A.Zinchuk. Sov. gos. i pravo no. 7:152-156 Jl '60.

Some theoretical problems of legislative enactments relating to the systematization of Soviet laws. A.F.Shebanov. Sov. gos. i pravo no. 7:139-151 Jl '60.

LEGISLATIVE BODIES

(see also subdivision under Germany, West)

A collection of documents on the history of legislative institutions ("The State Duma in Russia in documents and papers." Reviewed by A.IA.Avrekh). Ist. arkh. 6 no. 3:206-210 My-Je '60.

LEGUMES

Development of legume associations in floodlands. L.D. IUrkevich, E.A.Kruganova. Biul. Inst. biol. AN BSSR no. 3:46-52 '58.

LEGUMINOSAE

(see also subdivision under Arctic regions)

Age changes in the anatomical structure of taproots in some species of Leguminosae. I.S.Mikhailovskaia. Bot. zhur. 45 no. 6:875-880 Je '60

Lessons in studying the pulse family. I.A.Nevskii. Biol. v shkole no. 4:15-18 Jl-Ag '60

LEINIK, MIKHAIL VLADIMIROVICH, 1907 or 1908-1960

Mikhail Vladimirovich Leinik; obituary. Fiziol. zhur. [Ukr.] 6 no. 3:431-432 My-Je

Mikhail Vladimirovich Leinik; obituary. Vrach. delo no. 7:147 Jl '60.

LEIPZIG—EXHIBITIONS

At the Leipzig Fair. A.Smirnov. Sov. torg. 33 no. 7:11 Jl '60

V.Begandt. Lit. proizv. no. 7:16-18 Je '60.

Leipzig, spring, 1960. Sov. foto 20 no. 3:25 Mr '60.

To the model fair. IU.Polkovnikov. Vokrug sveta no. 6:44-45, 62 Je '60.

Woodworking machinery of the German Democratic Republic at the 1960 Leipzig Fair. Der. prom. 9 no. 5:29 My '60.

LEISHMANIASIS

Evolution and phylogeny of flagellates parasitic in the blood (Haemoflagellata) [with summary in English]. S.A.Gorr. Zool. zhur. 39 no. 7:961-977 Jl '60.

LEISURE

The budget of time. L.Kotov. Mol. komm. no. 7:32-36 Jl '60.

The Communist Youth Leaguers have come to our residential blocks. K.Ivanov. Mol. komm. no. 8:77-80 Ag '60.

Great prospects. V.Violina. Mol. komm. no. 8:72-76 Ag '60.

More attention to the free time of workers. A.Sosin. Mol. komm. no. 8:64-71 Ag '60.

LEKSEL', ANDREI IVANOVICH, 1740-1784

Unpublished manuscripts on geometry by Academicians A.I.Leksel' and N.I.Fuss. V.I.Lysenko. Vop. ist. est. i tekh. no. 9:110-120 '60.

LEMMINGS—PARASITES see Parasites—Lemmings

LENA VALLEY—GEOLOGY, STRATIGRAPHIC

Some data on the results of studies of Paleozoic sediments on the left bank of the lower Lena Valley. T.M.Emel'iantsev, A.I.Kravtsova. Inform. biul. NIIGA no. 14:19-24 '60.

LENA VALLEY—WORMS, INTESTINAL AND PARASITIC

Helminth fauna of loons in the lower Lena Valley. V.L. Kontrimavichus, T.L.Bakhmet'eva. Trudy Gel'm. lab. 10:124-133 '60.

LENIN, VLADIMIR IL'ICH, 1870-1924

Academic session of the Academy of Sciences of the Uzbek S.S.R. dedicated to the 90th anniversary of V.I.Lenin's birth. V.F.Samyshkin. Izv. AN Uz.SSR. Ser. obshchestv. nauk no. 3:56-59 '60.

Academic sessions dedicated to the 90th anniversary of V.I.Lenin's birth. Ist. SSSR 4 no. 3:218 My-Je '60.

Anniversary conference of Kiev scholars. P.I.Denysenko Ukr. ist. zhur. 4 no. 4:145 Jl-Ag '60

Annotations. Vop. ist. KPSS 4 no. 1:205-208 '60.

Biography of V.I.Lenin. M.Laptin, V.Shapko. Polit. samoobr. 4 no. 5:10-17 My '60.

Biography of V.I.Lenin. Sov. profsoiuzy 16 no. 9:13 My '60

Bulochnikov, M.G. [Unforgettable meetings; from notes of a participant in three revolutions] Nezabyvaemye vstrechi; iz zapisok uchastnika trekh revoliutsii. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 22 p.

Chronicle of the people's love ("Letters from workers to V.I.Lenin"; "Workers of the Ukraine write to V.I. Lenin." Reviewed by Tat'iana Palamarchuk). Sov. Ukr. 10 no. 7:177-179 Jl '60.

Concerning the publication of V.I.Lenin's works. M.V. Iakrov. Nov. i noveish. ist. no. 2:193-195 '60.

Correlation of objective and subjective factors in the latest works of V.I.Lenin. R.P.Khroman. Vestsi AN BSSR. Ser. hram. nav. no. 2:35-67 '60

Creative nature of Marxism in the light of Lenin's legacy. L.A.Abramian. Izv. AN Arm. SSR. Obshchestv. nauki no. 4:3-14 Ap '60.

Demeter, G.S. [Lenin on physical education and the protection of workers' health] Lenin ob okhrane zdorov'ia trudiashchikhsia i fizicheskoi kul'ture. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 71 p.

An eternal image ("Vladimir Il'ich Lenin; a biography." Reviewed by V.Baskakov). Teatr 21 no. 8:37-41 Ag '60.

For a profound study of Lenin's ideas in the field of natural science. N.S.Dobrov. Voen.-med. zhur. no. 6:92-93 Je '60.

Genius of Lenin. Vop. psikhol. 6 no. 2:3-9 Mr-Ap '60.

The great genius of learning. A.Arnol'dov. Otv. na vop. trud. no. 113:10-17 '60.

Greatness and simplicity. V.Palenov. Smena 37 no. 13:10 Jl '60.

Grinishin, D.M. [V.I.Lenin's military activities] Voennaia deiatel'nost' V.I.Lenina. Izd. 2., dop. Moskva, Voen. izd-vo, 1960. 591 p.
(CU)

"Here every stone knows Lenin . . ." Zh. Aleksandrova Okhr. truda i sots. strakh. 3 no. 3:12-15 Mr '60

A history of V.I.Lenin's struggle against "economism." F.M.Suslova. Vop. ist. KPSS 4 no. 4:132-139 '60.

How V.I.Lenin criticized the interpretation of war and peace by bourgeois sociologists. H.F.Aliaksandrau. Vestsi AN BSSR. Ser. hram. nav. no. 2:24-34 '60.

The image of a leader remains in our hearts ("Recollections on Vladimir Il'ich Lenin." Part 3. Reviewed by E.Stelliferovskaia). Novyi mir 36 no. 6:266-268 Je '60

Ist. zhur. 4 no. 4:150 Jl-Ag '60

In Kharkov University. O.O.Voskresens'kyi. Ukr. ist. zhur. 4 no. 4:118 Jl-Ag '60

In Kiev University. O.I.Katseval, I.I.Ostroverkhyi. Ukr. ist. zhur. 4 no. 4:147-148 Jl-Ag '60

In memory of the Great Teacher; on the 90th anniversary of V.I.Lenin's birth. Zhur. neorg. khim. 5 no. 4:761-762 Ap '60.

In Odessa University. I.H.Leonov. Ukr. ist. zhur. 4 no. 4:149 Jl-Ag '60

In the all-university departments. A.Sertsova, V.Shishkina, T.Sokolovskaia. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 4:67-70 Jl-Ag '60.

In the Faculty of Economics. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 4:63-64 Jl-Ag '60.

In the Faculty of Philosophy. E.Nikitin. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 4:64-67 Jl-Ag '60.

In the Institute of History of the Academy of Sciences of the Ukrainian S.S.R. S.M.Syrtsova, Zh.P.Tymchenko. Ukr. ist. zhur. 4 no. 4:146-147 Jl-Ag '60

In the Institute of Party History attached to the Central Committee of the Communist Party of the Ukraine. P.U.Shatov. Ukr. ist. zhur. 4 no. 4:145-146 Jl-Ag '6 '60.

In the Institute of Social Sciences of the Academy of Sciences of the Ukrainian S.S.R. V.L.Karpova. Ukr. ist. zhur. 4 no. 4:148 Jl-Ag '60.

In the Lvov University. A.S.Zashkil'niak. Ukr. ist. zhur. 4 no. 4:149 Jl-Ag '60.

In Uzhgorod University. Ukr. ist. zhur. 4 no. 4:150 Jl-Ag '60

Inspiring documents ("Letters of workers to V.I.Lenin, 1917-1924." Reviewed by Boris Vasil'ev). Mol. komm. no. 8:125-126 Ag '60.

Kiev. Instytut istorii partii. [Along Lenin's road; collected articles] Lenins'kym shliakhom; zbirnyk statei. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 422 p.

Kiev. Instytut istorii partii. [Ukrainian workers to V.I. Lenin; collected documents] Trudiashchiesia Ukrainy V.I.Leninu; sbornik dokumentov. Kiev, Gos. izd-vo polit. lit-ry USSR, 1960. 371 p.

Krasin, IU.A. [Lenin's theory of the socialist revolution] Leninskaia teoriia sotsialisticheskoi revoliutsii. Leningrad, 1960. 134 p. (Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I.Gertsena. Uchenye zapiski, no. 220).

Krupskaia, N.K. [Lenin; a collection of articles] O Lenine; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry 1960. 301 p.
(NN)

Lenin and the press. V.Sharapov. Blok. agit. [Len.] no. 13:1-10 My '60

Lenin and the problems of public education. N.K.Goncharov. Sov. pedag. 24 no. 4:24-39 Ap '60.

Lenin in Petrograd in 1919-1920. G.Kushchil. Blok. agit. [Len.] no. 9:1-11 Mr '60.

Lenin Museum in Kraków. W.Figa. Nov. i noveish. ist. no. 2:196-198 '60.

Leninism and the British labor movement. R.Palme Dutt. Nov. i noveish. ist. no. 2:36-49 '60.

The Leninist conception of populism and populist literature. U.Fokht. Vop. lit. 4 no. 7:130-143 Jl '60.

The Leninist principle of devotion to the party in literature and the struggle for socialist literature in Poland. E.Z.TSybenko. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 3:37-40 My-Je '60.

Leninist theory of reflection and psychology [with summary in English]. A.A.Smirnov. Vop. psikhol. 6 no. 2:10-31 Mr-Ap '60.

Lenin's criticism of idealism. L.P.Popova. Nauka i zhizn' 27 no. 6:43-49 Je '60.

"Lenin's days" in the Academy of Sciences of the White Russian S.S.R. Vestsi AN BSSR. Ser. hram. nav. no. 2:134-135 '60.

Lenin's ideas live and triumph. Put' i put. khoz. 4 no. 4:1-3 Ap '60.

Lenin's ideas of socialist economic districts and their realization. P.M.Alampiev. Izv. AN SSSR. Ser. geog. no. 4:35-43 Jl-Ag '60

Lenin's "Pages from a diary" and party work among teaching staffs, 1923-1924. V.S.Shteinbuk. Nauch. dokl. vys. shkoly. Ist. nauki no. 2:15-16 '60.

Lenin's struggle against opportunism in the Italian socialist movement during the establishment of the Communist Party. Z.P.IAkhimovich. Nauch. dokl. vys. shkoly. Ist. nauki no. 2:152-166 '60.

Lenin's writings on the democratic character of the dictatorship of the proletariat. F.M.Burlatskii. Vop. ist. KPSS 4 no. 4:162-174 '60.

Letter to the editor. N.Rodionov. Novyi mir 36 no. 7:286 Jl '60.

The Lomonosov Conferences of 1960. Vest. Mosk. un. Ser. 8 Ekon., filos. 15 no. 4:63 Jl-Ag '60.

Meetings with the Great Lenin. Karl Steinhardt (Gruber). Nov. i noveish. ist. no. 2:102-107 '60.

Messages of people's love ("Letter from workers addressed to V.I.Lenin, 1917-1921." Reviewed by Kh.S. Burchiian). Vop. ist. KPSS 4 no. 4:189-190 '60.

LENIN, VLADIMIR IL'ICH, 1870-1924 (Continued)

Morentsev, P. [The aesthetic views of V. I. Lenin; a short essay] Esteticheskie vzgliady V. I. Lenina, kratkii ocherk. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 113 p.

The Mongolian people triumphantly celebrated the 90th anniversary of Lenin's birthday. Sovr. Mong. 4 no.5:1 My '60.

Moral education of youth in the works of V. I. Lenin. N. I. Boldyrev. Sov. pedag. 24 no.4:40-54 Ap '60.

My recollections of Lenin. Albert Rhees Williams. Nov. i noveish. ist. no.2:100-113 '60.

New documents by V. I. Lenin. Vop. ist. KPSS 4 no.1: 3-10 '60.

New documents on V. I. Lenin, on the occasion of the publication of the 36th volume of the "Lenin collection." N. G. Sentiugina. Nov. i noveish. ist. no.2:169-171 '60.

New edition of a biography of V. I. Lenin ("Vladimir Il'ich Lenin. Biography." Reviewed by N. Krutikova). Novyi mir 36 no.7:268-271 Jl '60.

Ninetieth anniversary of V. I. Lenin's birth. Zap. Vses. min. ob-va 89 no.2:[illegible]-153 '60.

On the 90th anniversary of V. I. Lenin's birth. Sov. arkheol. 4 no.2:3-6 '60.

Platonov, B. E. [V. I. Lenin and problems of Soviet literature] V. I. Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 64 p.
(MIRA)

Publication of V. I. Lenin's works in Kazakhstan. A. A. Baitanov. Vest. AN Kazakh. SSR 16 no.4:[illegible]-76 Ap '60.

Recollections of figures in the international labor movement on V. I. Lenin. A. B. Mel'nikov. Nov. i noveish. ist. no.2:186-198 '60.

Reflection of life and creation of beauty. V. Kozhinov. Vop. lit. 4 no.8:[illegible]-76 Ag '60.

The role of Lenin in the international labor movement. Wilhelm Pieck. Nov. i noveish. ist. no.2:8-16 '60.

Shekhvatov, B. M. [Lenin and the Soviet state; how V. I. Lenin tried to improve the administration of the Soviet state, 1921-1923] Lenin i Sovetskoe gosudarstvo; deiatel'nost' V. I. Lenina po sovershenstvovaniiu gosudarstvennogo upravleniia, 1921-1923. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 313 p.

Shmorhun, P. M. [V. I. Lenin and Bolshevik organizations in the Ukraine, 1907-1917] V. I. Lenin i bil'shovyts'ki organizatsii na Ukraini, 1907-1917 rr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 97 p.

Slavin, L. M. [V. I. Lenin on social progress] V. I. Lenin ob obshchestvennom progresse. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 2, Filosofiia, no.10)

Soldatov, V. A. [V. I. Lenin on the union of the laboring class and peasantry] V. I. Lenin o soiuze rabochego klassa i krest'ianstva. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 60 p.

Study history and propagandize historical knowledge the Leninist way. Nauch. dokl. vys. shkoly ist. nauki no.[illegible] [illegible] '60

"Summary of the 'Correspondence between Friedrich Engels and Karl Marx, 1844-1883'" by V. I. Lenin. Reviewed by A. G. Khomenko. Nov. i noveish. ist. no.2: 175-177 '60.

They met Il'ich. I. Lyzhov. Sov. muz. 20 no.[illegible] Ap '60.

Unfading light of Lenin's ideas illuminates our path toward communism. A. I. Okulov. Vop. filos. 14 no.7:50-61 '60.

[Unforgettable encounters] Nezabutni zustrichi; spohady pro Volodymyra Illicha Lenina. Vyd. druhe, dop. Kyiv, Vyd-vo TsK LKSMU "Molod'" 1960. 205 p.

An unforgettable image. E. D. Stasova. Nov. i noveish. ist. no.2:98-101 '60.

Unpublished document by V. I. Lenin. Nov. i noveish. ist. no.2:3-7 '60.

V. I. Lenin and F. E. Dzerzhinskii. A. Khatskevich. Vestsi AN BSSR Ser. hram. nav. no.2:[illegible] '60.

V. I. Lenin and science. S. L. Sobolev. Izv. Sib. otd. AN SSSR no.5:[illegible]-12 '60.

V. I. Lenin and the biological science. P. D. Parikov. Vestsi AN BSSR. Ser. biial. nav. no.2:5-11 '60

V. I. Lenin and the cultural revolution. F. F. Korolev. Sov. pedag. 24 no.4:11-23 Ap '60.

V. I. Lenin and the first Marxist groups in the Vladimir Government. N. P. Krimaschenko. Nauch. dokl. vys. shkoly, ist. nauki no.2:[illegible] '60

V. I. Lenin and the natural sciences. S. L. Sobolev. Vop. filos. 14 no.7:15-23 '60.

V. I. Lenin and the school. A. M. Arsen'ev. Dokl. APN no.2:3-7 '60

V. I. Lenin as the creator and organizer of the Communist Party and the Soviet state. I. S. Kravchenko. Vestsi AN BSSR. Ser. hram. nav. no.2:11-24 '60.

"V. I. Lenin as the head of a great construction development", a collection of memoirs on V. I. Lenin's activities in the field of economics. Reviewed by A. G. Klimov. Vop. ist. KPSS 4 no.4:184-187 '60

V. I. Lenin during the first months of the Soviet regime; biographical notes. Vop. ist. KPSS 4 no.1:[illegible] '60

V. I. Lenin on culture [with summary in English]. I. N. Pachitnov. Vest. ist. mir. kul't. no.2:3-[illegible] Mr-Ap '60

V. I. Lenin on early bourgeois revolutions. B. F. Porshnev. Nov. i noveish. ist. no.2:60-66 '60.

V. I. Lenin on educative significance of a good example. V. A. Protopopov. Sov. pedag. 24 no.4:73-77 Ap '60

V. I. Lenin on L. N. Tolstoi, the artist and thinker. V. [illegible]. Zvezda no.5:[illegible] My '60

V. I. Lenin on Soviet libraries. K. I. Abramov. Bibliot. SSSR no.11:[illegible] '60.

V. I. Lenin on the creation of the material and technical base of communism. S. Man'kov. Nauch. dokl. vys. shkoly, ekon. nauki no.2:3-14 '60.

V. I. Lenin on the cultural revolution in the U.S.S.R. G. I. [illegible]. Vest. Mosk. un. Ser. 8: Ekon., filos. 15 no.4:16-30 Jl-Ag '60.

V. I. Lenin on the development of communist [illegible]. G. I. [illegible]. Vop. ist. KPSS 4 no.[illegible] '60

V. I. Lenin on the inculcation of a communist attitude toward work. E. I. Monoszon. Sov. pedag. 24 no.4: 55-66 Ap '60.

V. I. Lenin on the international significance of the experience of the CPSU and the Soviet state. IU. Portanov. Obshchestv. nauki. no.[illegible] '60

V. I. Lenin on the Polish labor movement. Henryk Jablonski. Nov. i noveish. ist. no.3:67-70 '60.

V. I. Lenin on the press during the years of the proletarian dictatorship. A. I. Mishunin. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no.[illegible] My-Je '60.

V. I. Lenin on the rise and development of world socialist system. V. Nuzarov. Nauch. dokl. vys. shkoly, ekon. nauki no.2:15-24 '60.

V. I. Lenin on the Soviet state. V. Nikolaev. Obshchestv. nauki no.[illegible] '60

[V. I. Lenin, the leader of the Great October Socialist Revolution, an album for exhibits] V. I. Lenin, vozhd' Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, al'bom vystavka. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 24 plates (chiefly illus. in portfolio) (Bibliotechka nagliadnoi agitatsii, propagandy i khudozhestvennogo oformleniia, no.4)

V. I. Lenin, the organizer of the Communist Party of the Soviet Union. Blok. agit. [illegible] no.[illegible] '60

V. I. Lenin's conversation with members of the British delegation at the Fourth Congress of the Comintern. A. N. Zlatkova. Nov. i noveish. ist. no.2:114-116 '60.

V. I. Lenin's criticism of physiological idealism and its significance in understanding the history of psychology [with summary in English]. [illegible]. Vop. psikhol. 6 no.2:[illegible]-60 Mr-Ap '60

V. I. Lenin's struggle for the strengthening and consolidation of the international proletarian revolutionary forces. I. S. Galkin. Nov. i noveish. ist. no.2:19-35 '60

Vladimir Il'ich Lenin and Soviet public health. V. [illegible]. Zdravookhranenie [illegible] Mr-Ap [illegible]

Vladimir Il'ich Lenin, on the 90th anniversary of his birth. Zhur. anal. khim. 15 no.2:[illegible] Mr-Ap '60

Vladimir Ul'ianov as a student. Vest. [illegible] 15 no.7/4:[illegible] Mr-Ap '60

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY
see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Great changes. The newspaper "Za [illegible]" tells its readers about Lenin places in the Volga Valley. F. Kozlov. Prop. i agit. 41 no.8:[illegible]-61 Ap '60

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Always with Lenin. IU. [illegible], V. [illegible]. Kul't. [illegible] 14 no.[illegible] Jl '60.

[The Smol'nyi, concise historical study] Smol'nyi, kratkii istoricheskii ocherk. [Leningrad] Lenizdat, 1960. [illegible] p.

LENIN (ATOMIC SHIP)

Design of the electric propulsion of the icebreaker "Lenin" (with an atomic power plant). [illegible]. Trudy NTO sud. prom. 8 no.3:[illegible] '5[illegible].

LENIN IN LITERATURE AND ART

Designs for a memorial in honor of V. I. Lenin. [illegible]. Iskus. [illegible] 21 no.5:[illegible] '60.

Immortal image. [illegible]. Vest. AN Kazakh. SSR 16 no.4:[illegible]-56 Ap '60.

The portrayal of Lenin. N. Nikolaeva. Teatr 21 [illegible] 104-105 Ag '60.

Portrayal of V. I. Lenin on the White Russian stage. [illegible]. Vestsi AN BSSR Ser. hram. nav. [illegible] '60.

Qualities of a great man. IU. Golovashenko. Teatr no.5:180-190 My '60

LENIN PRIZES

First Lenin prize for work on the theory of automatic control. Avtom. i telem. 21 no.5:III-V My '60.

Laureates of international Lenin Prizes. [illegible] 4 no.7:5-6 '60

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LENINGRAD—[illegible]

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LENINGRAD—[illegible]

[illegible]

LENINGRAD—[illegible]

[illegible]

LENINGRAD—[illegible]

[illegible]

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[illegible]

no.7:140-150 Jl '60.

From impressions at the review in Leningrad. A.Sokhor. Sov.muz. 24 no.6:31-37 Je '60.

LENINGRAD—CONSTRUCTION INDUSTRY

Experimental construction in Leningrad. M.S.Tuzov. Stroi.i arkhit.Len. 22 no.7:19-20 '60.

A fighter for the seven-year plan. A.Kublanov. Blok. agit.[Len.] no.10:17-21 Je '60.

Improve the quality of housing construction. N.P.Potapov. Stroi.i arkhit.Len. 22 no.6:1-3 '60.

LENINGRAD—CONSTRUCTION WORKERS

They mastered two specialties. G.Monastyrenko. Agitator no.10:53 My '60.

LENINGRAD—COURTS

A council of people's assessors. E.Lapitskaia, S.Pokrovskii. Sov.iust. no.7:14-16 Jl '60.

LENINGRAD—CRANES, DERRICKS, ETC.

Member of the Order of Lenin. M.Mikhailov. Zvezda no.5:146-151 My '60.

LENINGRAD—CULTURE

The cultural life of Leningrad; facts and figures. Blok. agit.[Len.] no.16:32-36 Je '60.

LENINGRAD—ECONOMIC CONDITIONS

Living embodiment of Lenin's ideas. Blok.agit.[Len.] no.14:1-9 My '60.

LENINGRAD—EDUCATION, COOPERATIVE

Need of active contact between academic instruction and industry. A.N.Kargin. Obshcheobr.shkola vzrosl. no.1: 44-46 Ja-F '60.

LENINGRAD—ELECTRIC POWER PLANTS

[Resources for electrification; brief description of the Leningrad "Electric Power" Plant named in honor of S.M.Kirov] Arsenal elektrifikatsii; kratkii ocherk istorii Leningradskogo zavoda "Elektrosila" imeni. S.M.Kirova. [Leningrad] Lenizdat, 1960. 307 p.

LENINGRAD—FINANCE

The finances of enterprise should be at the center of attention. I.Beliaev. Fin.SSSR 21 no.7:62-64 Jl '60.

LENINGRAD—FIRES AND FIRE PREVENTION

New data on the fire at the Winter Palace in 1837. V.M. Glinka. Trudy Gos.Erm. 3:217-235 '59.

LENINGRAD—FLOORS

Improve floor designs. A.G.Suponitskii. Stroi.i arkhit. Len. 22 no.6:19-20 '60.

LENINGRAD—FOUNDATIONS

Pile foundations of apartment houses. A.N.Prudentov. Stroi.i arkhit.Len. 22 no.7:23-24 '60.

LENINGRAD—GLASS MANUFACTURE

On Crystal Street. V.G.Kartashov. Nauka i zhizn' 27 no.6:67-68 Je '60.

LENINGRAD—GROCERY TRADE

"Children's food" store. I.Karpushin. Sov.torg. 33 no.7:14-17 Jl '60.

LENINGRAD—HEATING FROM CENTRAL STATIONS

Standard designs of boiler rooms for heating residential districts. S.M.Monoszon. Stroi.i arkhit.Len. 22 no.7:32 '60.

LENINGRAD—HISTORIC HOUSES, ETC.

[The Smol'nyi; concise historical study] Smol'nyi; kratkii istoricheskii ocherk. [Leningrad] Lenizdat, 1960. 76 p

LENINGRAD—HISTORY

Commemorative medals portraying events in the history of Petersburg - Leningrad. E.S.Shchukina. Trudy Gos.Erm. 3:236-260 '59.

LENINGRAD—HOURS OF LABOR

[Transition of Leningrad enterprises to a shorter workday] Opyt perekhoda leningradskikh predpriiatii na sokrashchennyi rabochi den'. [Leningrad] Lenizdat, 1960. (Izuchaiushchim ekonomiku promyshlennosti)

LENINGRAD—INDUSTRIAL MANAGEMENT

They think about their industrial plants. A.Kuznetsov. Polit.samoobr. 4 no.6:39-41 Je '60.

LENINGRAD—LABOR AND LABORING CLASSES

[Pages from the history of Leningrad factories] Bastiony revoliutsii; stranitsy istorii leningradskikh zavodov. [Leningrad] Lenizdat.

No.3. [The workers of the city of Lenin and their struggle for socialism in the village] Rabochie goroda Lenina v bor'be za sotsialisticheskoe stroitel'stvo v derevne. 1960. 377 p.

The status of the Petersburg proletariat on the eve of the first Russian revolution, 1903-1905. R.L.Moishes. Nauch.dokl.vys.shkoly;ist.nauki no.2:66-75 '60.

Follow workers' courts at work. P.Karlidov. Sots. zakon. 37 no.6:50 Je '60.

LENINGRAD—LABOR PRODUCTIVITY

Bologolovtsev, A.F. [Struggle to increase labor productivity; from the experience of certain party organizations in Leningrad industrial enterprises (1951-1955)] Bor'ba za povyshenie proizvoditel'nosti truda; iz opyta raboty nekotorykh partiinykh organizatsii promyshlennykh predpriiatii Leningrada, 1951-1955 gg. Leningrad, Izd-vo Akad.nauk SSSR, 1960. 151 p.

LENINGRAD—LIBRARIES, WORKINGMEN'S

How does one consolidate libraries? E.Pokrovskii. Klub 9 no.5:30-31 My '60.

LENINGRAD—LIGHTWEIGHT CONCRETE

Production of aerated concrete products at the Avtovo Housing Construction Combine. V.I.Ivanov, M.S. Satin, E.G.Grigor'ev. Bet.i zhel.-bet. no.6:246-250 Je '60.

LENINGRAD—LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

Complete mechanization and automatization of main production processes at the Leningrad Liqueur and Vodka Plant. S.S.Azrielovich. Spirt.prom. 26 no.5:10 '60.

LENINGRAD—MACHINERY INDUSTRY

The law of our life. V.Korolkov. NTO 2 no.7:5 Jl '60.

New products of Leningrad industry. V.Ivanov. Blok. agit.[Len.] no.16:1-6 Je '60.

Pisakin, N.N., and others. [Planning perspectus for training personnel in an industrial enterprise] Perspektivnoe planirovanie podgotovki kadrov promyshlennogo predpriiatiia. [Leningrad] Lenizdat, 1960. 38 p. (Izuchaiushchim ekonomiku promyshlennosti)

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Zakhar'in, A.I. [Benefits of production mechanization] Chto daet mekhanizatsiia proizvodstva. [Leningrad] Lenizdat, 1960. 50 p. (Moskva i Leningrad sorevnuiutsia)

LENINGRAD—METEOROLOGY

The Leningrad Weather Bureau. IA.Ioselev. Blok.agit. [Len.] no.10:9-10 Je '60.

LENINGRAD—NAVAL MUSEUMS

Tomon, Tom De. [Building of the Central Naval Museum (the former Exchange) in Leningrad] Zdanie TSentral'nogo voenno-morskogo muzeia (b. Birzha) v Leningrade. Leningrade, Gos.izd-vo lit-ry po stroit. i stroit., 1957. 21 p., illus. (Pamiatniki russkoi arkhitektury. Obmery i issledovaniia)

LENINGRAD—NEWSPAPERS

A newspaper of Lenin's city. V.D.Pel't. Vest.Mosk.un. Ser.7:Filol.,zhur. 15 no.3:73-74 My-Je '60.

LENINGRAD—OPERA

"The poor bride" in the operatic theater. D.Rabinovich. Sov.muz. 24 no.6:102-110 Je '60.

LENINGRAD—OPERETTA

Enthusiasts of a merry art. I.Faddeeva. Sov.muz. 24 no.6:166-169 Je '60.

LENINGRAD—PALACES

New data on the fire at the Winter Palace in 1837. V.M. Glinka. Trudy Gos.Erm. 3:217-235 '59.

LENINGRAD—PAPER INDUSTRY

Modern techniques. I.A.Khodakov. Bum.prom. 35 no.6:10-11 Je '60.

LENINGRAD—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

Use of wood-laminated plastic in a corrosive medium. I.M.Arenson, V.F.Filatenkov. Bum.prom. 35 no.6: 20 Je '60.

LENINGRAD—PARKS

The Lenin Park. A.Pavelkina. Blok.agit.[Len.] no.13: 35-41 My '60.

LENINGRAD—PHOTOGRAPHERS

Amateur photographers of Leningrad. G.Chudakov. Sov.foto 20 no.7:19 Jl '60.

LENINGRAD—PNEUMATIC TOOLS

In the laboratory of an innovator. V.Ivanov. Blok.agit. [Len.] no.9:22-29 Mr '60.

LENINGRAD—POLIOMYELITIS

Organization of the work of the Leningrad Interprovincial Poliomyelitis Center. L.S.Kutina. Vop.okh.mat.i det. 5 no.3:73-78 My-Je '60.

LENINGRAD—POSTAL SERVICE

Communication workers of Leningrad. A.V.Gorokhovskii, L.IA.Rivin. Vest.sviazi 20 no.4:3-7 Ap '60.

Using flow-line methods at the Kuznetsovskii Housing Construction Combine. A.V.Kann, S.O.Kontorovich. Stroi.i arkhit.Len. 22 no.7:16-18 '60.

LENINGRAD—PUBLIC INSTITUTIONS—ACCOUNTING

On the accounting structure in public institutions subordinated to a district. G.Parfenov. Bukhg.uchet 17 no.6:58-59 Je '60.

LENINGRAD—RADIATORS

Sheet steel radiators. E.A.Belinkii, D.IA.Bologovskoi. Stroi.i arkhit.Len. 22 no.6:21-22 '60.

LENINGRAD—RAILROADS—REPAIR SHOPS

Leningrad flaw detector operators. E.T.Veslova. Put' i put.khoz. 4 no.6:11-12 Je '60.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.

Workers say "Thank you!" G.Shakhov. Okhr.truda i sots.strakh. 3 no.3:56-57 Mr '60.

LENINGRAD—REVOLUTION, 1917-1921

Lenin in Petrograd in 1919-1920. G.Kushchii. Blok. agit.[Len.] no.9:1-11 Mr '60.

Pukhov, A.S. [Do not surrender Petrograd! leading role of Communists in the defense of Petrograd in 1919] Petrograd ne sdavat'; kommunisty vo glave oborony Petrograda v 1919 g. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 449 p.

LENINGRAD—SHIP MODELS

Why Leningrad ship model builders are so successful. I.Suprun, B.Apostoli. Voen.znan. 36 no.7:31 Jl '60.

LENINGRAD—SHIPYARDS

Consolidate business connections. L.Krats, N.Klokovskii. NTO 2 no.7:57 Jl '60.

LENINGRAD—SIEGE, 1941-1944

Khudiakova, N.D. [The whole nation behind Leningrad, 1941-1943; the CPSU, organizer of the people's aid to Leningrad during the years of the blockade] Vsia strana s Leningradom, 1941-1943 gg. KPSS - organizator vsenarodnoi pomoshchi Leningradu v gody blokady. [Leningrad] Lenizdat, 1960. 232 p.

Letters to the editors. I.Badin. Voen.ist.zhur. 2 no.5:123-124 My '60

LENINGRAD—SMELTING—TECHNOLOGICAL INNOVATIONS

Worries of foreman Banshchikov. V.Karpushchenko. Okhr.truda i sots.strakh. 3 no.6:51-53 Je '60.

LENINGRAD—SOCIALIST COMPETITION

The factory committee is the organizer of socialist competition. V.Maslov. Sov.profsoiuzy 16 no.9:35-38 My '60.

The first communist labor brigades in Leningrad; an attempt at the analysis of their composition and achievements. E.F.Pashkevich. Ist.SSSR 4 no.3:67-77 My-Je '60.

Slepukhin, A.A. [For the victory of communist labor] Za pobedu kommunisticheskogo truda. [Leningrad] Lenizdat, 1960. 120 p. (7 velikikh let)

LENINGRAD—SPORTS

For the further development of physical education and sports. K.Pavlov. Blok.agit.[Len.] no.19:20-28 Jl '60.

In Rome - 21, at the "GOMZ" factory - 26. P.Kravchenko, K.Konstantinov. Ogonek 38 no.33:6-7 Ag '60.

LENINGRAD—STADIUMS

Reconstruction of the "Dynamo" Stadium. Stroi.i arkhit. Len. 22 no.6:31-32 '60.

LENINGRAD—STEAM TURBINES

Automatic welding of the diaphragms of steam turbines in a carbon dioxide medium at the Leningrad Metalworking Plant. D.S.Verbin, V.M.Sheplievskii. Energomashinostroenie 6 no.7:29-31 Jl '60.

LENINGRAD—STREET LIGHTING

Reinforced concrete lamp posts. Stroi.i arkhit.Len. 22 no.6:28 '60.

LENINGRAD—STREETS

Moskovskiy Prospect. P.Molchanov. Blok.agit. [Len.] no.8:30-38 Mr '60.

Sadovaya Street. R.Shpiller. Blok.agit. [Len.] no.4: 42-46 F '60.

LENINGRAD—TECHNICAL EDUCATION

Club and study room for automation. V.Konopel'ko. Prof.-tekh.obr. 17 no.5:11-12 My '60.

LENINGRAD—TELECOMMUNICATION

Communication workers of Leningrad. A.V.Gorokhovskii, L.IA.Rivin. Vest.sviazi 20 no.4:3-7 Ap '60.

LENINGRAD—TELEVISION BROADCASTING OF FILMS

Technical improvements at the Leningrad Television Broadcasting Center. Tekh.kino i telev. 4 no.6:76 Je '60.

LENINGRAD—THEATER
"Children of the sun." V. Sakhnovskii-Pankeev. Teatr 21 no 8,105-107 Ag '60.
Evenings in Leningrad. Marietta Shaginian Ogonek 38 no. 25-22-24 Je '60.
For the close contact of art with the life of our people. N. Sukhanov Blok. agit [Len] no. 4:12-19 F '60
Is it not enough to be and artist? N. Cherkasov. Ogonek 38 no. 32·12-13 Ag '60.
Theatrical almanac of Leningrad ("Theater and life"; collected articles on the theater. Reviewed by N. Zaitsev). Teatr 21 no. 7·110-151 Jl '60.
"Twelfth hour " A Tamarchenko Teatr 21 no 6 76-78 Je '60

LENINGRAD—THEATER AUDIENCES
The universities of culture. A. Mlodik. Teatr 21 no. 7 161 Jl '60.

LENINGRAD—TOURISTS, FOREIGN
The foreign guests of Leningrad. N Bogdanov. Blok. agit en.] no. 4 20-27 F '60.

LENINGRAD—TURBINES
Gubanov, P. P. [Builders of turbines, the past and present of a Leningrad metalworking plant] Stroiteli turbin, o proshlom i nastoiashchem Leningradskogo stroitel'nogo zavoda. [Leningrad] Lenizdat, 1959. 120 p.
(NNC)
Leningrad metalworkers produce for Kazakhstan. I. Shriro. Nar. khoz. Kazakh. 18 no. 5 72 My '60.
New steam and gas turbines. V. Egorov. Nar. khoz. Kazakh. 18 no. 5·70-73 My '60.

LENINGRAD—TURBINES—BLADES
Improving the technology of manufacturing blades at the Leningrad (Kirov) Plant IA. I. Chechel'nitskii Energomashinostroenie 6 no. 7,31-34 Jl '60.

LENINGRAD—WORLD WAR, 1939-1945
Leningrad during the Great Patriotic War in Soviet historical literature. A. V. Karasev. Ist. SSSR 4 no. 3: 158-164 My-Je '60.

LENINGRAD—YOUTH HOSTELS
The "Sputnik" headquarters in Leningrad. V Stamotaki. Neva no. 6 221-222 '60.

LENINGRAD ECONOMIC REGION—PEAT
Production of peat fertilizers and litter by the "Volosovskoye" Collective-State Farm Peat Enterprise. F. M. Shornikov. Torf. prom 37 no. 4·22-25 '60.

LENINGRAD ECONOMIC REGION—TEXTILE FIBERS, SYNTHETIC
Specialization contributes to the improvement of the processing of synthetic fibers. L. T. Ivanov. Tekst. prom. 20 no. 6·53-56 Je '60.

LENINGRAD ECONOMIC REGION—TREE TAPPING
Ten-year system of spruce tapping in the Tikhvin wood-chemical establishments. F. A. Mednikov, P. P. Belonuchkin Gidroliz i lesokhim. prom. 13 no. 3,25-26 '60.

LENINGRAD PROVINCE—CORN (MAIZE)
For a high yield of corn. IU. Slummak. Blok. agit. [Len] no. 18:24-31 Je '60.

LENINGRAD PROVINCE—FIELD CROPS
Give more attention to the care of crops. E. Kusovnikov, Blok. agit. [Len] no. 16,22-29 Je '60.

LENINGRAD PROVINCE—FUNGI
New fungi isolated from soils of Leningrad Province. O. P. Kamyshko. Bot. mat Otd. spor. rast 13·162-167 '60.

LENINGRAD PROVINCE—LAMELLIBRANCHIATA, FOSSIL
Lower Carboniferous pelecipods from the northwestern wing of the Moscow Basin. M. E. IAnishevskii. Vop. paleont. 3;9-81 '60.

LENINGRAD PROVINCE—MEDICAL SUPPLIES
Everything for man V F Zhigalin, S A Afanas'ev, K M Gerasimov Zdorov'e 6 no 6 1-3 Je '60

LENINGRAD PROVINCE—MILDEW
Powdery mildew of gramineous plants in Leningrad Province N. F. Kartoshkina. Bot. zhur 45 no 6 918-921 Je '60.

LENINGRAD PROVINCE—PASTURES AND MEADOWS
Each farm should have its pasture of perennial grasses. S. Khrabrov. Blok. agit [Len.] no. 19:38-43 Jl '60.

LENINGRAD PROVINCE—SOWING
Let's sow spring crops in an exemplary fashion. A. Ansin. Blok. agit. [Len.] no. 14,26-32 My '60.

LENINGRAD REGION—CITY PLANNING
Leningrad's satellite city. A. A. Afonchenko, V. K. Sveshnikov. Stroi. i arkhit. Len. 22 no. 6;16-18 '60.

LENINGRAD UNIVERSITY
"Leningrad University" by V. V. Mavrodin, N. G. Sladkevich, L. A. Shilov. Reviewed by A. V. Kol'tsov. Vop. ist. est. i tekh. no. 9:182-183 '60.

LENINOGORSK—BORING—LABOR PRODUCTIVITY
In accord with modern machinery. P. Ignatkin. Nar. khoz. Kazakh. 18 no. 5;39-43 My '60.

LENINOGORSK—ORE HANDLING—HYGIENIC ASPECTS
Work of the medical and sanitary unit in silicosis control at Leninogorsk enterprises. A. I. Asmolov. Zdrav. Kazakh. 18 no. 1·15-17 '58.

LENINOGORSK—SOCIALIST COMPETITION
In accord with modern machinery. P. Ignatkin. Nar. khoz. Kazakh. 18 no. 5·39-43 My '60.

LENINOGORSK (EAST KAZAKHSTAN PROVINCE)—ORE DRESSING
Economizing on electric power at the Leninogorsk ore concentration plant A. V. Shtenger. Prom energ. 15 no. 5,17-19 My '60

LENKORAN LOWLAND—SOIL MICRO-ORGANISMS
Soil microflora in the subtropical Lenkoran zone. A. G. Pakusin Izv. AN Azerb. SSR. Ser. biol. i med nauk no. 3: 149-159 '60.

LENKORAN REGION—SOIL CHEMISTRY
Changes in the pH, oxidation-reduction potential, and available iron of soils of the Lenkoran zone as related to different degrees of soil moisture E L Kovaleva. Dokl AN Azerb SSR 16 no. 4:371-376 '60.

LENSES, PHOTOGRAPHIC
(see also subdivision under Germany, East)
Interchangeable lenses. Sov. foto 20 no. 2;38 F '60.
Objectives with long focal length lenses. IU. Irov. Sov. foto 20 no. 7·30-32 Jl '60.

LEONARDO DA VINCI, 1452-1519
Leonardo invented it for Mona Lisa. L. Bobrov. Znan. sila 35 no 7 47 Jl '60

LEONID, Archbishop of Kaluga and Borovsk
Elevation of a bishop. Zhur. Mosk. Patr. no. 6;26 Je '60.

LEONOV, LEONID MAKSIMOVICH, 1899-
Penetrating Leonov's works ("Leonid Leonov" by Z. Boguslavskaia. Reviewed by N. Zaitsev). Vop. lit. 4 no. 7. 213-217 Jl '60.

LEOPARDS see subdivision under India

LEPIDOLITE
Polarographic determination of calcium in lepidolites and muscovites [with summary in English]. S. I. Siniakova, Chen' IUivei. Zhur. anal. khim. 15 no. 3;277-280 My-Je '60.

LEPTOSPIRA
Effect of aqueous extract of propolis on pathogenic Leptospira and Treponema pallidum [with summary in English]. Z Kh. Karimova. Antibiotiki 5 no. 1;122-124 Ja-F '60.

LEPTOSPIROSIS see subdivision under Azerbaijan; Poland, Shakhovskaya District

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
On Lermontov ("Uchenye zapiski of the Gor'kii Pedagogical Institute " Vol 23. Reviewed by I. Usok). Vop. lit. 4 no. 7·223-229 Jl '60
Substituted pistols. Emma Gershtein. Ogonek 38 no. 31: 30-31 Jl '60.

LESKI—CITY PLANNING
The village of Leski has been moved to a new place A Kozodoi Sil' bud 10 no 4 11 Ap '60

LETAVA—FARM BUILDINGS
Lenin Prizes D Boiko Sil' bud 10 no 4 7-8 Ap '60.

LEUCOCYTES
Fluorescence microscopy of peripheral blood [with summary in English]. M IA. Khodas Biofizika 5 no. 3: 369-373 '60.
Monocytic reaction in children with rickets. R. I. Vul'f Vop. okh mat i det 5 no 4 68-69 Jl-Ag '60
Phagocytic capacity of leucocytes in patients with tuberculous meningitis. I L Andel. Pat , klin i terap tub no 8:57 '58

LEUKEMIA
Case of leukemic lymphadenosis with a tumor-like aggressive growth of the thyroid gland in a five-year old child. V. A. Smirnov. Zdrav. Kazakh. 18 no. 1·70-73 '58.
Change in the eyes and the picture of the fundus oculi in leukemias. T K. Kadyrova. Vrach. delo no. 6;645-646 Je '60.
Thyroid gland function in leukemias [in Azerbaijani with Russian summary]. S. P. Mirzamamedova. Azerb. med. zhur. no. 5;10-14 My '60.

LEUKOCYTOSIS
"Hyperleukocytic reaction" of the blood to the administration of caffeine and bromine preparations during the course of the inflammatory process. I. P Pshenichnyi Pat fiziol. i eksp. terap. 4 no 3 71-72 My-Je '60.

LEVEL (TOOL)
The NV-1 level. N. V. Sokolov. Geod. i kart. no. 6:45-46 Je '60.

LEVEL (TOOL)—STANDARDS
The all-Union state standard for building-levels Biul stroi tekh 17 no 6 18 Je '60

LEVEL INDICATORS
Semiconductor capacitive level and phase-separation indicator B. Z. Votlokhin. Izm. tekh. no. 7,50-52 Jl '60.

LEVELING
Geometrical leveling of an area with a theodolite-tacheometer N. I. Serebrennikov Trudy SIMSKH no 14 137-141 '59

LEVI, CARLO, 1902-
With pen and brush Boris Polevoi. Ogonek 38 no 24 15-16 Je '60

LEVI, IAKOV LAZAREVICH, 1803-
IAkov Lazarevich Levi; obituary. Vrach. delo no. 6:659 Je '60.

LEVIKHA REGION—PYRITES
Metamorphism of pyrite ores in the Levikha deposit (Central Urals) at contacts with an augitic porphyrite dike. V. P. Loginov. Geol. rud. mestorozh. no. 3; 49-62 My-Je '60.

LEVULINIC ACID
Claison condensation of esters of β-methyllevulinic acid. R. P. Evstigneeva and others. Zhur. ob. khim. 30 no. 7: 2261-2263 Jl '60.

L'GOV—SUGAR INDUSTRY
Best men of the L'gov factory. Sakh. prom. 31 no. 6· 12-14 Je '60.

L'GOV DISTRICT—MOLLUSKS
Enlisting students' help in the collection of mollusks for chick feed. I. IA. Zimoroi, T. M. Torgashina Biol v shkole no 3 60-61 My-Je '60

LIABILITY (LAW)
Follow-up of articles and letters. Sots. zakon. 37 no. 6: 78 Je '60.

LIABILITY FOR ANIMALS
Shavka, the dog or Kat'ka, the goat? V. Belolipetskii, V. Martem'ianov. Sov. iust. no. 8;32 Jl '60.

LIAPUNOV, ALEKSANDR MIKHAILOVICH, 1857-1918
Valuable beginnings. B. Piaskovs'kyi. Dop. AN URSR no. 4:562-564 '60.

LIATOSHYNSKIY, BORYS, 1895-
Shol'p, A. E. [B. N. Liatoshynskiy's Third Symphony; an explanation] Tret'ia simfoniia B. N. Liatoshinskogo; poiasnenie. Moskva, Sovetskii kompozitor, 1959 22 p

LIBRARIANS
But what do you think? Bibliotekar' no. 7;51-52 Jl '60.

LIBRARIES
(see also subdivision under Chernigovka; Khmel'nitskiy Province; Kuban; Minsk; Moscow; New York (City); Odessa, Riga; Soviet Far East; Yegor'yevsk)
Great tasks for Soviet libraries. N. F. Gavrilov. Bibliot. SSSR no. 13;31-39 '60.
Librarians' advice is put into action. Klub. 9 no. 5·32 My '60.
Libraries of State committees for science and technology, and of economic committees, as aids to production. R. P. Kharitonov. Bibliot. SSSR no. 13;75-91 '60.
"Library work in the U. S. S. R." A. Gordeeva. Bibliotekar' no. 7;25 Jl '60.
Problems in the organization of the library system of the Academy of Sciences of the U. S. S. R. and its collections. B. N. Bachaldin. Bibliot. SSSR no. 13;40-74 '60.
V. I. Lenin on Soviet libraries. K. I. Abramov. Bibliot. SSSR no. 13;3-27 '60.
What, how, why. Klub 9 no. 5;33-34 My '60.

LIBRARIES—ACCESSIONS see subdivision under Betino

LIBRARIES—PERIODICALS
[Treasures of culture; a collection of articles] Sokrovishcha kul'tury; sbornik statei. Odessa.
No. 2. 1958.
(NNC)

LIBRARIES, CHILDREN'S
Books for children about great subjects. I. Tarshilov. Bibliotekar' no. 7;42-44 Jl '60.
Our talks. T. Vasil'eva. Bibliotekar' no. 7:40 Jl '60.
School's helper. P. Paramonov. Bibliotekar' no. 7;46 Jl '60.

LIBRARIES, NAVAL
Friend of books. A. Bochkov. Sov. mor. 20 no. 10;22 My '60.

Ist.SSSR 4 no.3:217 My-Je '60.

LIBRARIES, RURAL

(see also subdivision under Bilnyany District; Bobrka District, Golaya Pristan' District, Privolzhsk District; Rybinsk District; Staryy Sambor District)

[Constructing rural building serving cultural needs] Stroitel'stvo sel'skikh ochagov kul'tury. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 142 p.

This is important even in the village. A. Mamontov. Bibliotekar' no.7:38-39 Jl '60.

We join the review; selected notes. Sots.kul't. 13 no.6:33 Je '60.

LIBRARIES, TECHNICAL see Technical libraries

LIBRARIES, WORKINGMEN'S

(see also subdivision under Chervonograd; Leningrad)

Get acquainted with the work and needs of libraries, direct them skillfully. M.Kanel'skaia. Klub 9 no.5:12 16 My '60.

LIBRARIES AND PICTURES

Our art gallery. A.Konchaov. Bibliotekar' no.7:26-32 Jl '60.

LIBRARIES AND READERS

Give more attention to correspondence students. Kh.Nadel'. Bibliotekar' no.7:36-37 Jl '60.

"Greater confidence for librarian and reader." Bibliotekar' no.7:49-51 Jl '60.

Scouts of the communist future. E.Skvirenko. Bibliotekar' no.7:24-25 Jl '60.

When a book is popularized.... A.Kunina, N.Dobrynina. Vop.lit. 4 no.8:240 241 Ag '60.

"Work on local lore in province, region, and republic libraries, a collection of articles and papers." Reviewed by V P.Novoselov. Sov.bibl no 3 140 147 '60

LIBRARIES AND SCHOOLS

(see also subdivision under Peremyshlyany District)

Children in rural libraries. H.Chaikina. Sots.kul't. 13 no.6:34-35 Je '60.

During summer vacation. V.Bovzhyns'ka. Sots.kul't. 13 no.6:35 Je '60.

LIBRARIES FOR THE BLIND see Blind, Libraries for the

LIBRARY CONFERENCES see subdivision under China; Ural Mountain region

LIBRARY EXHIBITS

"Library work in the U.S.S.R." A.Gordeeva. Bibliotekar' no.7:30 Jl '60.

LIBRARY FITTINGS AND SUPPLIES

Library construction and equipment. I.Petrov. Bibliotekar' no.7:13-15 Jl '60.

LIBRARY SCIENCE

New book about library science ("Organization of library collections and catalogs" by A.V.Klenov, V.V.Petrov akii. Reviewed by L.Kazantseva, K.Voron'ko). Bibliotekar' no.7:59-60 Jl '60.

New tasks, new demands. M.Potapov. Bibliotekar' no.7:8-11 Jl '60.

Problems in the mechanization and automatization of library and bibliographical operations. T D Gradetskaia, D.I.Lev. Sov bibl no 3 64-82 '60

LICE see subdivision under Tajikistan

LICHENS

(see also subdivision under Baikal region; Byalovezhska Pushcha, Georgia; Kursary District; Soviet Far East, Yakutia; Yamal Peninsula)

Effect of gibberellic acid on the growth of Cladonia rangiferina (L.) Web. E.A.Barashkova. Bot.zhur. 45 no.5:749-750 My '60.

Lichens of Russia [in Latin]. Decade X (1960). V.P.Savich. Bot.mat.Otd.spor.rast. 13:1-5 '60.

Use of fluorescence analysis in the study of lichens [with summary in English]. M.A.Litvinov, M.I.Goland, T.S.Shcherbina. Izv.AN SSSR.Ser.biol. no.3:459-464 My-Je '60.

LIFE—ORIGIN

Dzhaparidze, P.N. [Origin of organic substances and life on earth] Proiskhozhdenie organicheskikh veshchestv i zhizni na zemle; opyt obobshcheniia. Tbilisi, Izd-vo Akad.nauk Gruzinskoi SSR, 1959. 240 p.
(CU)

LIFE ON OTHER PLANETS

Is it possible to communicate with intelligent beings of other planets? I.S Shklovskii Priroda 49 no.7: 21-30 Jl '60.

LIFEBOATS

Water softener for lifeboats [from "Svensk Sjofarts tidning," no.40, 1959]. Sudostroenie no.7:69 Jl '60.

In memory of Professor M.M.Lifits, Doctor of Economic Sciences. Sov.torg. 33 no.6:67 Je '60.

LIGHT

Critical velocity for emission of light in optically anisotropic media [with summary in English]. I.M.Frank. Zhur.eksp.i teor.fiz. 38 no.6:1751-1757 Je '60.

Feedback method for correcting the frequency response characteristics of electromechanical light modulators. IU.G.Zarenin. Tekh.kino i telev. 4 no.6:38-44 Je '60.

Identification of excitons with light waves in a crystal and the macroscopic theory of excitons with and without account for retardation [with summary in English]. S.I.Pekar. Zhur.eksp.i teor.fiz. 38 no.6 1786-1797 Je '60.

Point sources of light in a semi-infinite medium [with summary in English]. D.I.Nagirner Vest.LGU 15 no.13:147-151 '60.

LIGHT—PHYSIOLOGICAL EFFECT

Effect of light of different spectral composition on the reproduction of the tobacco mosaic virus. A.V.Krylov, V.A.Smirnova, G.A.Tarakanova. Dokl.AN SSSR 133 no.4:973-975 Ag '60.

Reaction of the sex glands of sparrows to light as related to varying doses of bromine and caffeine. P O Mozhkov Pratsi Inst.zool.AN URSR 16 57-67 '60.

LIGHT—SCATTERING

Contours of emission lines in noncoherent scattering [with summary in English]. M.L.Zvonareva. Vest.LGU 15 no.13 141-146 '60.

Determining particle size from light scattering. Part 1. I.IA.Slonim. Opt.i spektr. 9 no.1 98-108 Jl '60.

Fine structure of the Rayleigh light scattering in solutions, and the dispersion of hyperacoustic oscillations. L.V.Lanshina, M.I.Shakhparonov. Dokl.AN SSSR 133 no.3: 624-626 Jl '60.

Scattering of light by dielectric ellipsoids comparable to the wave length. Part 1. A.V.Shatilov. Opt.i spektr. 9 no.1 86-91 Jl '60.

LIGHT FILTERS

Control of the homogeneity of glass by means of dispersion light filters [with summary in English]. L.I.Vidro, IU.M.Khorol'skii. Inzh.-fiz.zhur. no.7:112-116 Jl '60.

LIGHT METALS—WELDING

Lashko, N.F., S.V.Lashko-Avakian. [Weldable light alloys] Svarivaemye legkie splavy. Leningrad, Gos. soiuznoe izd-vo sudostroit.promyshl., 1960. 439 p.

LIGHT QUANTUM see Photons

LIGHTHOUSES see subdivision under Baltic Sea

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTING—ELECTROMECHANICAL ANALOGIES

Use of electronic models for solving lighting engineering problems. A V.Bredatskov, R.I.Pinon Svetotekhnika 6 no.6:1-7 Je '60

LIGHTNING

Notes on the observation of the length of a lightning flash. I.M Imianitov. Priroda 49 no.7:110 Jl '60.

Signal transmission during lightning storms. V.A.Baranal'ko. Radiotekhnika 15 no 6:16 Je '60.

LIGHTNING PROTECTION

Automatically controlled lightning protection. A.Morozov. Radio no.7:56 Jl '60.

Courses of development of protection from excess voltage in electrical installations in the 1930's and 1940's. Vop.ist.est.i tekh. no.9:149-154 '60.

LIGHTWEIGHT CONCRETE

(see also subdivision under Leningrad; Ukraine; Yelets)

Dormitories built of lightweight large-panel construction elements V.Ilikov Stroi.i arkhit. 8 no 5:15-17 My '60.

Effective exterior walls built of cellular concretes. I.Zhodzishskii. Stroi.i arkhit.Mosk. 9 no.7,29-31 Jl '60.

Hollow wall stones made of shell-rock concrete. O.M.Birilov. Stroi.mat. 6 no.7:36 Jl '60.

Production and use of autoclave-hardened cellular concretes and silicates. I.T.Kudriashov. Bet.i zhel.-bet. no.6:245-247 Je '60.

Thorough waterproofing of products made of autoclave-hardened foamed cinder concrete. M.N.Plungianskaia, L.M.Rozenfel'd. Stroi.mat. 6 no.7:37-38 Jl '60.

"Using slags as aggregates for lightweight concretes" by M.P.Elinzon. Reviewed by V.V.Lapin, G.A.Duzhevich. Bet.i zhel.-bet. no.7:336-337 Jl '60.

LIGNIN

Chromatographic study of cotton stalk lignin. S.N.Vil'kova, N G.Murygina Zhur prikl.khim 33 no 7: 1626-1632 Jl '60.

English]. M.I.Chudakov, G.D.Georgievskaia. Zhur.anal.khim. 15 no.3:347-352 My-Je '60.

Irradiation of cotton stalk lignin with γ-rays from Co^{60} S.N.Vil'kova, N G.Murygina Zhur prikl khim 33 no 7 1671-1676 Jl '60.

Obtaining "lignin acids" from hydrolytic lignin. B.V.Tronov, Z.A.Dobronravova. Gidroliz.i lesokhim.prom. 13 no.4:3-4 '60.

Use of hydrolytic lignin in the manufacture of plastics. M.G.Okun' and others. Gidroliz.i lesokhim.prom. 13 no.3:11-16 '60.

LIGNITE

(see also subdivision under Germany, West; Moscow Basin)

Study of certain Tertiary lignites in connection with the study of their origin. V.V.Kiriukov. Izv.vys.ucheb.zav.; geol.i razv. 3 no.1:94-106 Ja '60.

LIMBS (ANATOMY) see Extremities (Anatomy)

LIME

Technology and properties of cellular silicates made with super-fine grained lime. I.T.Kudriashov, E.S.Grodzenskaia. Stroi.mat. 6 no.7:16-21 Jl '60.

Using the method of jetting in slacking lime. R.V.Kudriashov. Transp.stroi. 10 no.5:34-35 My '60.

LIMESTONE

Small-scale mechanization in quarrying limestone. A.A.Vorob'ev. Stroi.mat. 6 no.7:32 Jl '60.

LIMIT THEOREMS (PROBABILITY THEORY)

One limit theorem for independent random variables. A.V.Skorokhod Dokl AN SSSR 133 no 1 34-35 Jl '60

LIMNOLOGY

Zaikov, B.D. [Studies in limnology] Ocherki po ozerovedeniiu. Leningrad, Gidrometeor.izd-vo.
Pt.2. 1960. 238 p.

LINALOÖL

Concerning the synthesis of 2,3,6-trimethyl-2,7-octadien-6-ol, 3-methyllinaloöl. F.N.Stepanov. Zhur.ob.khim. 30 no.7:2437 Jl '60.

LINDEN

A rare case of the formation of paired inflorescences in Tilia amurensis Rupr. D.V.Girnik. Bot.zhur. 45 no.5:770 My '60.

LINDSAY, JACK, 1900-

On J. Lindsay's new novel ("The revolt of the sons" [in English] by Jack Lindsay. Reviewed by V.Skorodenko). Inostr.lit. no.8:202-203 Ag '60.

LINEAR PROGRAMMING

Algorism for the solution of a generalized problem on linear programming. S I Zukhovitskii Dokl AN SSSR 133 no 1 20-23 Jl '60

LINEN

The social composition of workers in the linen factories employing serf labor during the 1750's and 1760's. Ch.G Volodarskaia Nauch dokl.vys.shkoly.Ist.nauki no.2:116-130 '60.

LINGUISTIC RESEARCH

Development of structural and mathematical methods of linguistic research. Vest.AN SSSR 30 no.7,88 Jl '60.

LINOTYPE

(see also subdivision under Chelyabinsk, Zdolbunov)

Automatic transformers for linotype heating systems. M.N.Blagovestov. Poligr.proizv. no.5:18 My '60.

Chromium-plating of linotype matrices. B.Z.IArina. Poligr.proizv. no.5:18 My '60.

Efficient methods for replacing matrices and increasing their lifetime. S.M Ganzhurov. Poligr.proizv. no.6: 13-14 Je '60.

Letters to the editor. Poligr.proizv. no.6:14-15 Je '60.

LINZ, AUSTRIA—METALLURGICAL PLANTS

New converter department at the Vöest Plant in Linz [from "Eisen und Stahlwerke," no.1, 1959, no.4, 1959]. S.Afanas'ev. Metallurg 5 no.7:30-39 Jl '60.

LIPETSK—COMMUNIST YOUTH LEAGUE

Communist Youth League staff at the site of an urgent construction job. A.Voroinikov, N.Alekseev. Komsom.zhizn' no.13 6-9 Jl '60.

LIPETSK—IRON AND STEELWORKERS

The people of a "fiery" profession. O.Vasil'ev. Ogonek 38 no.29:5 Jl '60.

LIPETSK—KINDERGARTENS

Valuable initiative of personnel at enterprises under the local industry administration of Lipetsk. Doshk.vosp. 33 no.5:26 My '60.

LIPID METABOLISM

Influence of a tourniquet on the lipid content of rabbits' muscles. I.D.Fridland. Uch.zap.2-go MGMI 17:79-86 '58.

LIPIDES

Interaction between lipoids and proteins of oil-bearing seeds during the extraction of oil. V.P.Rzhekhin, N.I.Pogonkina. Masl.-zhir.prom. 26 no.7:17-19 Jl '60.

LIPIDS

Functional changes in the absorption capacity of the small intestine during prolonged absorption of lipids [with summary in English]. N.V. [illegible], IA.P. [illegible]. Fiziol. zhur. [Ukr.] 6 no.3:330-335 My-Je '60.

LIPOCAIC—PHYSIOLOGICAL EFFECT

Influence of methionine and lipocaine on some factors of fat metabolism in the liver of rats exposed to X rays [with summary in English]. V.G.Vladimirov. Biul. eksp.biol. i med. 49 no.1:60-63 Ja '60.

LIPOPROTEINS

Determination of β-lipoproteins of the blood serum by the turbidimetric method. M.I.Lodvina. Lab.delo 6 no.3:13-17 My-Je '60.

Significance for diagnosis and expert testimony of determining the amount of lipoproteids in the blood serum of patients with chronic nonspecific pneumonia complicated by bronchiectasis. E.V.Kalinina. Trudy LIETIN 3: 147-157 '59.

LIPSKII, VLADIMIR IPPOLITOVICH, 1863-1937

V. I. Lipskii's geomorphological observations within the territory of present-day Uzbekistan. O.IU. Poslavskaia. Izv.Uzb.fil.Geog.ob-va 4:81-102 '60.

LIQUEFIED PETROLEUM GAS—STORAGE

Determining the capacity of tanks for storing liquefied gases with natural evaporation. N.Rudakov. Zhil.-kom.khoz. 10 no.6:10-11 '60.

LIQUID FUELS

Combustion of atomized liquid fuel in a turbulent air flow [with summary in English]. L.K.Shchebalin. Inzh.-fiz.zhur. no.6:87-90 Je '60.

LIQUID LEVEL INDICATORS

Improvement in the design of a levelling container. L.K. Vardomskii, E.Z.Gurevich. Elek.sta. 31 no.6:36-38 Je '60.

Radiometric system for continuously registering the level of coal bins and fluid reservoirs. V.G.Segalin, P.V. Tatarskii, S.I.Libman. Elek.sta. 31 no.4:30-33 Ap '60.

Use of electronic level indicators in the woodworking industry. N.V.IAlovega. Der.prom. 9 no.7:17-18 Jl '60.

LIQUID METALS

Application of the theory of thermodynamic similitude to the determination of physical properties of liquid metals [with summary in English]. G.P.Dubrovko, M.I.Radchenko. Inzh.-fiz.zhur. no.6:80-84 Je '60.

Coordination number and the structure of liquid metals. IA.I.Dutchak. Fiz.met.i metalloved. 9 no.6:888-891 Je '60.

LIQUID METALS—THERMAL PROPERTIES

Calculating the melting of an endless plate with heat transmission through the melt. B.L.Markov. Sbor. inst.stali no.38:92-101 '60.

LIQUID OXYGEN

Thermodynamic investigation of the process of gasification of liquid oxygen [with summary in English]. S.M.Ripa. Inzh.-fiz.zhur. no.3:41-46 '60.

LIQUID OXYGEN—DENSITY

Density of liquid oxygen on the saturation curve [with summary in English]. D.L.Timrot, V.P.Borisoglebskii. Zhur.eksp.i teor.fiz. 38 no.6:1729-1732 Je '60.

LIQUIDS

Refinement of the superposition approximation in the theory of liquids. I.Z.Fisher, B.L.Kopeliovich. Dokl. AN SSSR 133 no.1:81-83 Jl '60.

LIQUIDS—MOLECULAR ROTATION

Calculation of the summation of the rotation states of molecules in a liquid. A.M.Evseev. Zhur.fiz.khim. 34 no.5:1140-1146 My '60.

LIQUOR INDUSTRY

Consultation. Spirt.prom. 26 no.5:45 '60.

LIQUOR INDUSTRY—EQUIPMENT AND SUPPLIES

see subdivision under Leningrad

LIQUOR INDUSTRY—STUDY AND TEACHING

More consideration to be given to correspondence courses. D.I.Protasov. Spirt.prom. 26 no.5:40 '60.

LISBON—EARTHQUAKE, 1755

"The Lisbon earthquake" [in English] by T.D.Kendrick. Reviewed by V.P.Zubov. Vop.ist.est.i tekh. no.9: 175-176 '60.

LISOVS'KA, M.

Confident step ("As long as I am alive, I will love" by M.Lisovs'ka. Reviewed by O.Babkina) Sov.Ukr. 10 no.7:179-181 Jl '60.

LISTERELLA

(see also subdivision under Voroshilov)

Isolation of Listerella monocytogenes cultures from [illegible] in a breeding center. V.IA.Gudovich, L.A.Timofeeva. Izv.Irk.gos.nauch.-issl.protivochum. inst. 21:[illegible] '59.

LISTERIA see subdivision under Maritime Territory

LITERARY STYLE see Style, Literary

LITERATURE

Brief news. Vop.lit. 4 no.7:240-256 Jl '60.

News in brief. Vop.lit. 4 no.8:242-254 Ag '60.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

(see also subdivision under Philippines)

A discussion of problems connected with the theory of literature. I.Nikitov. Vest.Mosk.un.Ser.7:Filol., zhur. no.1:70-81 '60.

The epic novel ("The origin of the epic novel" by A.Chicherin. Reviewed by A.Lebedinskii). Vop.lit. 4 no.7: 213-217 Jl '60.

Heroes of unheroic times. M.Parnovskii. Novyi mir 36 no.7:240-249 Jl '60.

In the main stream ("The artist and the people" by N.Shamota. Reviewed by A.Gozenpud). Sov.Ukr. 10 no.8:180-181 Ag '60.

The method of dialectical materialism in the history of literature. A.V.Lunacharskii. Vop.lit. 4 no.7:[illegible] Jl '60.

Problems of foreign literature in "Essays on the Gogol period of Russian literature" by N.G.Chernyshevskii. M.L. Elizarova. Uch.zap.kaf.zarub.lit.MGPI no.1: 37-50 '59.

A study of literary theory. N.A.Gulyaev. Vest. Mosk.un.Ser.7:Filol.,zhur. no.1:17-24 '60.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—MISCELLANEA

Marginal notes. [illegible] Ag '60.

Marginal notes. Zvezda no.6:[illegible] Je '60.

LITERATURE—PERIODICALS see subdivision under Italy

LITERATURE, COMPARATIVE—RUSSIAN AND GERMAN

The Russian tale and the German fable. [illegible] Uch.zap.Ped.inst.Gerts. [illegible]

LITERATURE AND STATE

(see also subdivision under Poland)

Survey of the foreign press. Inostr.lit. no.8:210-216 Ag '60.

LITHIUM

Reactions of organometallic compounds with heavy metal salts. Report No.2: Reactions of ethyllithium with cobalt and titanium halides. V.A.[illegible] Izv.AN SSSR.Otd.khim.nauk no.6:1044-1048 Je '60.

LITHIUM—ANALYSIS

Spectral method of determining lithium and beryllium in prospecting for their deposits [with summary in English]. O.I.Chernikov. Zhur.anal.khim. 15 no.3: 362-365 My-Je '60.

LITHIUM—ISOTOPES

Alpha-deuteron model of a Li^6 nucleus [with summary in English]. T.I.Kopaleishvili. Zhur.eksp.i teor.fiz. 38 no.6:1758-1764 Je '60.

Investigation of high energy protons formed in the photodisintegration of Li^6 [with summary in English]. E.B.Bazhanov, L.A.Kul'chitskii. Zhur.eksp.i teor. fiz. 38 no.6:1685-1687 Je '60.

LITHIUM FLUORIDE

Effect of neutron bombardment of the structure of lithium fluoride crystals. E.V.Kolontsova, M.I.Zhestovskaia. Kristallografiia 5 no.1:59-64 Ja-F '60.

Preparation of high-purity lithium fluoride. I.I.Angelov, V.S.Nechaeva. Trudy IREA no.23:14-18 '59.

LITHIUM HYDROXIDE

Solubility isotherm at 30.5° for the ternary system $LiOH-H_2O_2-H_2O$, and study of lithium peroxide hydrate. T.A.Dobrynina. Izv.AN SSSR.Otd.khim. nauk no.6:961-965 Je '60.

LITHIUM ORGANIC COMPOUNDS

Conjugated systems. Part 130. Addition of lithium alkyls to vinylisopropenylacetylene. A.A.Petrov, V.A.Kormer, T.V.IAkovleva. Zhur.ob.khim. 30 no.7: 2238-2241 Jl '60.

Conjugated systems. Part [illegible]. Addition of lithium alkyls [illegible]. A.A.Petrov, A.V. [illegible] 30 no.7: [illegible]

LITHIUM PERCHLORATE

[illegible] $LiClO_4$ [illegible]

LITHIUM PEROXIDE

[illegible]

LITHIUM SALTS

[illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIA—COLLECTIVE FARMS

[illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIA—[illegible]

[illegible] I.Bataitis [illegible]

LITHUANIA—[illegible]

[illegible]

LITHUANIAN LITERATURE—HISTORY AND CRITICISM

[illegible]

LITHUANIAN LITERATURE—TRANSLATIONS INTO RUSSIAN—BIBLIOGRAPHY see Bibliography—Lithuanian literature—Translations into Russian

LITVINOV, MAKS [illegible]

[illegible]

LIUBOVSKAIA [illegible]

A [illegible]

LIVER

[illegible]

[illegible] fat metabolism [illegible] X rays [with summary in English]. [illegible]

[illegible] I.F.Matsak [illegible]

[illegible]

Thyroidal [illegible]

LIVER—DISEASES

[illegible]

Maksimova, O.I. [illegible] liver and the biliary tracts and [illegible] at the [illegible] Health [illegible] 1956. 92 p. (MIRA [illegible])

Carbohydrate and pigment [illegible] of the liver in vascular injuries of the brain [in Armenian with summary in Russian]. A. V. Stepanian. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:60-75 F '60.

LIVER FLUKE
(see also subdivision under Irtysh River)
Cytochemical characteristics of oocytes and embryonic cells of Fasciola hepatica. N. A. Bogomolova. TSitologiia 2 no. 3:260-273 My-Je '60.

LIVERWORTS
Student dissertation of K. A. Timiriazev. F. G. Teplov. Vop. ist. est. i tekh. no. 9:130-140 '60.

LIZARDS see subdivision under Chardzhou District, Kara Kum

LOADING AND UNLOADING
(see also subdivision under Sverdlovsk)
Effectiveness of the specialization of unloading points. V. K. Beshkoto, A. A. Pavlov. Zhel. dor. transp. 42 no. 6:25-29 Je '60.
Equipment for the complete mechanization of loading and unloading. A. P. Baum. Spirt. prom. 30 no. 5:39-44 '60
Experience in mechanizing the unloading and piling of beets at the sugar factories of Kirghizistan. A. S. Gal'perin, N. S. Mitrofanov. Sakh. prom. 34 no. 7:42-46 Jl '60.
Field loader and cleaner of beets equipped with a grab crane (from "Sucrerie Française," Ap., 1960). Sakh. prom. 34 no. 7:73 Jl '60.
Loading and unloading bricks in piles. B. M. Grigor'ev. Stroi. mat. 6 no. 7:31 Jl '60.
Losses of beets during their mechanized loading into motor trucks and railroad cars. P. N. Shomiakin. Sakh. prom. 34 no. 6:30-31 Je '60.
Machinery for loading coke into cars. A. N. Skorniakov, E. S. Skorniakov. Koks i khim. no. 7:30-38 '60.
Mechanical unloader designed by Korovin. V. P. Oleshko, N. E. Kostiuchenko, P. A. Korovin. Masl.-zhir. prom. 14 no. 7:40-43 Jl '60.
Mechanical unloader for milled peat from narrow-gauge Kolomna freight cars. V. P. Gorbunov. Energetik 8 no. 6:9-12 Je '60.
Mechanization at the storerooms for finished products. N. S. Petrov. Bum. prom. 35 no. 6:8-9 Je '60.
New wharf in the Kiev harbor for the transshipment of quartzites. P. Gvozdev, S. Strelkovskii. Rech. transp. 19 no. 5:50-51 My '60.
Operation of a rotary car dumper for low-quality brown coal. A. A. Bobrov. Energetik 8 no. 6:7-9 Je '60.
Theory and practice of stone-removing operations (from "Zucker," no. 4, 1960). Sakh. prom. 34 no. 7:74-76 Jl '60.
Universal catch for a fork truck. A. V. Korenovskii. Mekh. i avtom. proizv. 14 no. 6:46-47 Je '60.
Using vibrations in loading coke into railroad cars. S. S. Smirnov, I. I. Eismont, IA. K. Gorobets. Koks i khim. no. 6:38-40 '60.

LOBACHEVSKII, NIKOLAI IVANOVICH, 1793-1856
Bolyai and Lobachevskii. B. N. Delone. Priroda 49 no. 7:70-75 Jl '60

LOBBYING see subdivision under United States

LOCAL ANESTHESIA
Positive and negative aspects of local potentiated anesthesia. D. V. Pomosov, B. I. Filin, K. K. Dautbaev. Kaz. med. zhur. 40 no. 5:35-40 S-O '59.
Technic of the vagosympathetic block. D. V. Pomosov. Voen. med. zhur. no. 6:81 Je '60.

LOCAL GOVERNMENT
Answering our readers' questions. Sov. deput. trud. no. 7:98-101 Jl '60.
Brief news of the work of the soviets. Sov. deput. trud. no. 7:105-106 Jl '60.
Exemplary work ought to be imitated. Sov. deput. trud. no. 7:90-92 Jl '60.
In the Supreme Soviets and Soviets of Ministers of the Union Republics. Sov. deput. trud. no. 7:102-104 Jl '60.
"Local soviets and economic councils; relations of local soviets with economic councils and their enterprises and organizations" by IA. A. Tikhomirov. Reviewed by K. F. Sheremet. Sov. gos. i pravo no. 7:164-167 Jl '60.
Questionnaire of the volost soviet, 1918. P. N. Abramov. Ist. arkh. 6 no. 3:197-200 My-Je '60.
We were informed. Sov. deput. trud. no. 7:84 Jl '60.
The work of local soviets should contribute to the solution of new problems. V. B. Batkov, V. K. Vasenin. Sov. gos. i pravo no. 7:162-167 Jl '60.

LOCKJAW see Tetanus

LOCKS (HYDRAULIC ENGINEERING)
Determining hydrodynamic stresses acting on ships in the lock chamber by solving equations of unsteady flow. A. V. Mikhailov. Trudy Gidroproekta 3:7-38 '59

LOCOMOTIVE BOILERS
Characteristics of thermal calculation methods for stationary boilers. V. A. Metakas. Vest. TSNII MPS 19 no. 4:25-27 '60.

Determining the rated unbalance factors for the traction engines of locomotives. V. A. Shchepetil'nikov. Trudy MIIT no. 128:5-38 '60.
Improved system for automatic cab signaling. A. M. Brylenv, A. V. Shishliakov, S. S. Mozhaev. Avtom., telem. i sviaz' 4 no. 6:4-7 Je '60.
Recommendation for the deciphering of an SL2 speedometer ribbon. P. A. Gurskii, E. M. Merto, N. M. Klimtovianskii. Elek. i tepl. tiaga 4 no. 5:32-34 My '60.

LOCOMOTIVES—EQUIPMENT AND SUPPLIES
Practical advice pertaining to the operation of the engineer's valve, conditional No. 222. V. N. Gorn. Elek. i tepl. tiaga 4 no. 3:44-46 Mr '60.

LOCOMOTIVES—MAINTENANCE AND REPAIR
Servicing locomotives with shift crews. N. Z. Strokov. Zhel. dor. transp. 42 no. 6:64-65 Je '60.

LOCOMOTIVES—STANDARDIZATION
Shouldn't the markings of locomotive series be standardized? V. A. Rakov. Elek. i tepl. tiaga 4 no. 5:45-46 My '60.

LOCOMOTIVES—TESTING
(see also subdivision under Rumania)
Improving the operational and traction testing of new locomotives. E. V. Gorchakov, D. D. Zakharchenko. Zhel. dor. transp. 42 no. 6:73 Je '60.

LOCOMOTIVES—TRANSMISSION DEVICES
Selecting the transmission type for high-speed passenger train locomotives. V. I. Doronin. Vest. TSNII MPS 19 no. 4:61-63 '60.

LOCUS (MATHEMATICS)
A geometrical locus of points in a hyperbolic plane [with summary in English]. M. H. Andriievs'ka. Dop. AN URSR no. 3:285-288 '60

LOESS
(see also subdivision under Siberia, Eastern, Ukraine)
Investigating the height of capillary rise in loess soils. V. A. Smirnov. Osn., fund. i mekh. grun. 2 no. 3:12-13 '60.
Lateral pressure in loess soils. A. A. Grigorian. Osn., fund. i mekh. grun. 2 no. 4:20-21 '60.

LOGIC
Active role of the cognitive subject in the reflectional process. L. K. Naumenko. Izv. AN Kazakh. SSR. Ser. ekon., filos. i prava no. 1:75-88 '60.
Category of contradiction in dialectical and formal logic. S. I. Popov. Vest. Mosk. un. Ser. ekon., filos., prava 15 no. 3:85-97 '60.
Interuniversity conference on dialectical logic. F. Lazarev, V. Omshchenko. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4:81-85 Jl-Ag '60.
Rozental', M. M. [The principles of dialectical logic] Printsipy dialekticheskoi logiki. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 477 p.

LOGICAL POSITIVISM
Leninist principle of party spirit as a powerful weapon in the struggle against present-day bourgeois gnosiology. IA. M. Babosian. Vestsi AN BSSR. Ser. hram. nav. no. 2: 66-77 '60.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765
What is the meaning of the Lomonosov expression "peripatetic concept"? V. P. Zubov. Vop. ist. est. i tekh. no. 9:140-143 '60.

LOMONOSOV—HISTORY
The city of Lomonosov is 250 years old. I. Kalinin, N. Sorokin. Blok. agit. [Len.] no. 10:30-36 Je '60.

LOMONOSOV—PALACES
[Palace-museums and parks in Lomonosov] Dvortsy-muzei i parki v Lomonosove. [Leningrad] Lenizdat, 1960. 184 p.

LOMOV, GABRIEL ANTONOVICH, 1894-1960
Gabriel Antonovich Lomov, obituary. Ugol' 35 no. 6:64 Je '60

LONDON, JACK, 1876-1916
Jack London's answer to his reader Lilian Collins. Smena 37 no. 10:24 My '60
Jack London's letter to A. Strunskaia. Smena 37 no. 10: 24 My '60.
Our acquaintance with Jack London goes on. V. Bykov. Smena 37 no. 10:20-21 My '60

LONDON—BOTANICAL GARDENS
Two hundredth anniversary of the Kew Botanical Gardens. M. V. Gerasimov. Vop. ist. est. i tekh. no. 9:191 '60.

LONDON—EXHIBITIONS
Exhibitions in Moscow, London, Paris. M. V. Nesterov. Nov. vrem. 18 no. 31:29 Jl '60.

LONDON—MOTORBUS DRIVERS
Living and working conditions of the motorbus transportation workers in London. John Wilson. Avt. transp. 38 no. 7:57-58 Jl '60.

Small gas-turbine set [from "British Industry Engineering," no. 5, 1959, "The Engineer," no. 5426, 1960]. Sudostroenie no. 7:75-76 Jl '60

LONDON—THEATER
Plays of the young. Ossia Trilling. Teatr 21 no. 6: 182-184 Je '60

LONGEVITY
To 100 and more. P. D. Marchuk. Nauka i zhyttia 10 no. 7:37-40 Jl '60.
University of longevity. Iorish. Nauka i zhizn' 27 no. 6: 77-78 Je '60.

LOOMS
Investigating the process of automatic bobbin change. P. V. Volkov, G. M. Filatov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:96-101 '60.
New loom. K. K. Mikhailova, V. M. Kolmakova. Tekst. prom. 20 no. 7:32-34 Jl '60.
Right way of using the control mechanisms of looms. B. I. Damaskin, IU. P. Sidorov. Tekst. prom. 20 no. 6: 27-31 Je '60.
The TKP-125-L circular loom. V. A. Andriushin. Biul. tekh.-ekon. inform. no. 7:41-42 '60.

LOOMS—TESTING
Device for checking loom tuning. J. Plowinski. Tekst. prom. 20 no. 6:74-75 Je '60.

LOONS—PARASITES see Parasites—Loons

LORENTZ, HENDRIK ATOON, 1853-1928
H. A. Lorentz, creator of the electron theory. U. I. Frankfurt. Vop. ist. est. i tekh. no. 9:83-90 '60.

LOTIKOV, VASILII PETROVICH, 1870-1918
Indefatigable propagandist. I. Pashchenko. Mast. ugl. 9 no. 5:29 My '60

LOTTERIES
Advertisements. F. Karavaikin. Agitator no. 10:55 My '60.

LOUD-SPEAKERS
Obtaining high-quality sound reproduction from radio receiving and amplifying devices. A. Dol'nik. V pom. radioliub. no. 5:42-50 '59.
Small loudspeakers. M. Radio no. 6:42-44 Je '60.

LOUISIANA, U.S.A.—GAS WELLS
Gas well in the Gulf Coast. V. D. Malevanskii. Gaz prom. 5 no. 7:55 '60.

LOVE
Lapin, K. K. [On love and friendship; based on the letters of military personnel] O druzhbe i liubvi; po pis'mam voennosluzhashchikh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 52 p. (Biblioteka soldata i matrosa)

LOW BLOOD PRESSURE see Hypotension

LOW-TEMPERATURE METALS see Metals at low temperature

LOYANG, CHINA—MACHINERY INDUSTRY
Are you acquainted with Loyang? [with English summary in insert]. N. Shmigol'. Sovr. Vost. no. 7:24-25 Jl '60.

LUBRICATION AND LUBRICANTS
Antiwear and antifriction properties of structural group fractions of petroleum lubricants. S. G. Vinogradov, V. V. Arkharova, M. D. Bezborod'ko. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 6:61-67 '60.
Dielectric and rheological study of the anisotropic structures of Na lubricants [with summary in English]. IU. F. Deineha. Dop. AN URSR no. 5:655-658 '60.
Grease coatings. L. N. Sentiurikhina and others. Khim. i tekh. topl. i masel 5 no. 7:24-29 Jl '60.
Machine for cleaning and lubricating metal molds. IA. A. Brodskii. Bet. i zhel.-bet. no. 7:322-323 Jl '60.
Mechanization of oil drum filling. V. N. P'iankov. Neftianik 5 no. 6:18 Je '60.
"Production of lubricating oils" by A. E. Al'tshuler, P. I. Korotkov, V. L. Kazanskii, N. M. Gerasimenko. Reviewed by G. E. Garzanov. Khim. i tekh. topl. i masel 5 no. 7:68-69 Jl '60.
Properties of MT-16 oils obtained from different crudes. K. K. Papok, B. S. Zuseva. Khim. i tekh. topl. i masel 5 no. 6:36-39 Je '60.
Replacement of sleeve bearings with oil lubrication by bearings with water lubrication. E. V. Trofimov. Prom. energ. 15 no. 6:15-16 Je '60.
Using high polymers in lubricating oils. E. G. Semenido, N. V. Shchegolev, V. I. Sharapov. Vest. mash. 40 no. 7: 36-41 Jl '60.

LUBRICATION AND LUBRICANTS—ADDITIVES
Effect of polar additives on the quality of lithium greases based on silicone liquids. L. G. Gromova, A. I. Dintses. Khim. i tekh. topl. i masel 5 no. 6:29-35 Je '60.

LUBRICATION AND LUBRICANTS—ANALYSIS

Spectrum analysis of the ash of spent motor oils, soot, and deposits. K.I.Zimina, G.G.Vorob'ev, M.I. Orlova. Khim.i tekh.topl.i masel 5 no.5:50-56 My '60.

LUBRICATION AND LUBRICANTS—TESTING

Effective corrosiveness of oils. [illegible] Zhur.prikl.khim. [illegible] '60.

LUGANSK—CONCRETE

Concrete in cities. M.Blidt, [illegible] no.7:139-150 Jl '60.

LUGANSK—DIESEL LOCOMOTIVES

Strengthen the friendship between workers of the Lugansk locomotive industry and the collective of the Yasinovataya repair shop. I.I.Mirskii. Elek.i tepl.tiaga 4 no.5:4 My '60.

LUGANSK PROVINCE—COAL MINERS

Harmony among miners. I.Zenin. Mast.ugl. 9 no.6:13 '60.

Mine workers should have engineering knowledge. N.Rudman. Mast.ugl. 9 no.6:20-21 '60.

LUGANSK PROVINCE—COAL MINES AND MINING

Increase in every possible way the output of large-size coal. M.P.Lobenas. Ugol' Ukr. 4 no.6:5-7 Je '60.

Keeping pace with modern times. A.Zaramenskii. Mast.ugl. 9 no.7:9 Jl '60.

Progress of the seven-year plan. I.Chaikinov. Mast.ugl. 9 no.5:1 My '60.

Roof caving without the use of battery stulls in the 7th western longwall of mine no.13-17b of the Krasnoluchugol' Trust. V.L.Grigor'ev. Ugol' 35 no.5:37-40 My '60.

LUGANSK PROVINCE—HYDRAULIC MINING

From a hydraulically mined section to the hydraulic mining of entire mines. P.Romenskii. Mast.ugl. 9 no.7:4-5 Jl '60.

LUGANSK PROVINCE—TRADE UNIONS

Trade union organizations are our dependable support. V.Klimenko. Sov.profsoiuzy 16 no.9:14-16 My '60.

LUGOVSKOI, VLADIMIR ALEKSANDROVICH, 1901-

I saw the birth of the new. Vl.Lugovskoi. Vop.lit. 4 no.7:173-180 Jl '60.

LUMBER—DRYING

(see also subdivision under: Sweden)

High-speed vacuum dielectric drying of lumber. V.I. Vinogradskii. Der.prom. 9 no.7:7-8 Jl '60.

Intensification of systems for drying beech boards. A.I. Shchitova, A.A.Kardopol'tseva. Der.prom. 9 no.7:9 Jl '60.

LUMBER—TRANSPORTATION

Efficient organization of lumber transportation. A.S. Kvitinskii. Zhel.dor.transp. 42 no.6:34-37 Je '60.

Lomonosov, I.G., and others. [Album of designs of dams to be built on timber floating rivers] Al'bom konstruktsii lesosplavnykh plotin. Moskva, Goslesbumizdat, 1960. 212 p.

Ships for lumber transportation. IA.A.Koperzhinskii. Sudostroenie 26 no.6:8-11 Je '60.

Unloading lumber in the Southern Harbor. P.Vinogradov. Rech.transp. 19 no.5:43-44 My '60.

LUMBERING

(see also subdivision under: Archangel Province, Vologda Province)

Establishment of party committees in the larger party organizations of logging camps and rafting enterprises. Part.zhizn' no.14:13 Jl '60.

Rudnenkov, M.G. [Mechanizing the felling and the division of timber] Mekhanizatsiia valki i razdelki lesa. Moskva, Goslesbumizdat, 1960. 130 p.

LUMBERING—TECHNOLOGICAL INNOVATIONS

Over-all mechanization of all operations in the felling area. G.M.Parfenov. Mekh.i avtom.proizv. 14 no.6:26-28 Je '60.

LUMINESCENCE

Analytical chemistry of uranium. Report No.1: Luminescence method for determining uranium [with summary in English]. V.I.Grigor'ev, V.P.Luk'ianov, F.P.Budetova. Zhur.anal.khim. 15 no.2:184-190 '60.

Chemiluminescence in reactions of acyl chlorides with amines and ketones. S.G.Entelis and others. Zhur.fiz.khim. 34 no.7:1651 Jl '60.

Excitation of recombination luminescence in the fundamental absorption bands of some halides. I.V.IAek. Opt.i spektr. 8 no.1:142-144 Ja '60.

Instruments and reagents for luminescence analysis. E.A.Bozhevol'nov. Trudy IREA no.23:124-137 '59.

Investigating the duration and intensity of the luminescence of trivalent gadolinium and terbium ions in solutions. I.V.Kondrat'eva, [illegible] Opt.i spektr. 8 no.1:[illegible] Ja '60.

Investigating the electroluminescence of a ZnS-Mn sulfide phosphor. N.A.Vlasenko, IU.A.Popkov. Opt.i spektr. 8 no.1:[illegible] Ja '60.

Luminescence properties of selenium-activated zinc oxide. I.IA.Markovskii, N.S.Grabovskaia. Opt.i spektr. 9 no.1:77-83 Jl '60.

Mechanism of the recombination luminescence of activated alkali halide crystals. Ch.B.Lushchik and others. Opt.i spektr. 9 no.1:72-76 Jl '60.

Photoluminescence in the fundamental absorption edge of mixed [illegible] crystals. E.F.Gross, V.V.Sobolev. Dokl.AN SSSR 131 no.1:56-59 Jl '60.

"Polarized luminescence of atoms, molecules, and crystals" by P.P.Feofilov. Reviewed by V.L.Levshin. Opt.i spektr. 9 no.1:132-133 Jl '60.

Propagation of radiation in a powdered layer [with summary in English]. IU.I.Chekalinskaia. Inzh.-fiz.zhur. no.7:41-50 Jl '60.

Reply to P.I.Andreev, L.M.Golter, A.A.[illegible] and Z.M.[illegible] critical review on the book "Luminescent-bitumen analysis and its application in petroleum geology" by V.N.Florovskaia, V.N.[illegible] and others. Sov.geol. 3 no.5:[illegible] My '60.

Sokolov, V.S. [Flaw detection without rupture of parts] Kontrol' bez razrusheniia detalei. [Moskva] Moskovskii rabochii, 1960. 94 p.

Stationary luminescence of phosphors in the presence of several types of traps. V.V.Antonov-Romanovskii. Opt.i spektr. 8 no.1:[illegible] Ja '60.

Study of space-time characteristics of the luminous cloud produced by a spark discharge [with summary in English]. L.G.Martinkov. Inzh.-fiz.zhur. no.7:[illegible] Jl '60.

Temperature quenching in some organic scintillators. A.I.[illegible], L.M.Rozman. Opt.i spektr. 8 no.1:[illegible] Ja '60.

Variation of the duration of the luminescence of trivalent gadolinium and terbium ions in sulfuric acid solutions as related to the concentration of the components. I.V.Kondrat'eva. Opt.i spektr. 8 no.1:[illegible] Ja '60.

LUMINESCENCE—CONGRESSES

Eighth conference on luminescence (molecular luminescence and luminescence analysis). N.G.Bakhshiev, S.O.Mirumiants. Opt.i spektr. 9 no.1:124-127 Jl '60.

LUMINESCENT SUBSTANCES

Characteristic properties of salicylaldehyde semicarbazone used as a luminescent acid-base indicator. E.A. Bozhevol'nov, G.V.Serebriakova. Trudy IREA no.23:[illegible] '59.

Relation between the fluorescence of organic luminescent indicators and reagents and their structure. E.A.Bozhevol'nov. Trudy IREA no.23:147-165 '59.

LUMUMBA, PATRICE, 1925-

People and events: Patrice Lumumba [illegible] Nov.vrem. 18 no.29:28 Jl '60.

LUNAR THEORY see Moon, Theory of

LUNGS

Changes in the lungs of [illegible] following injury. T.K.Romanova. Biul.MOIP.Otd.biol. 65 no.3:147-148 My-Je '60.

Residual air and total lung capacity in [illegible] patients. [illegible] Pat.,klin.i terap.tub. no.8:[illegible] '60.

LUNGS—CANCER

Mistakes in the intravital diagnosis of primary pulmonary cancer. N.S.Dotsenko, A.IU.Bubliterskaia. Vrach.delo no.6:591-594 Je '60.

Primary pulmonary cancer as shown by material of the Lvov clinic. N.N.Dotsenko, A.IU.Bubliterskaia. Vrach.delo no.7:71-73 Jl '60.

LUNGS—COLLAPSE

Analysis of the immediate results of extrapleural pneumolysis. V.V.Afanas'ev. Pat.,klin.i terap.tub. no.8:[illegible] '60.

Atelectases and their treatment by means of bronchoscopy as revealed by data of a tuberculosis sanatorium. A.I. [illegible], H.K.[illegible] Pat.,klin.i terap.tub. no.8:152-155 '60.

Causes of the ineffectiveness of lung collapse surgery in pulmonary tuberculosis. G.G.Gorovenko and others. Pat.,klin.i terap.tub. no.8:177-181 '60.

LUNGS—DISEASES

Basis of the principles of disability evaluation in chronic pneumonia and bronchiectasis. M.I.Khvilivitskaia. Trudy LIETIN 2:175-176 '59.

Carbohydrate metabolism in patients with suppurative processes in the lungs treated with antibiotics. O.V.Korkushko. Zdravookhranenie [illegible] Mr-Ap '60.

Changes in blood protein fractions in chronic nonspecific pneumonia and bronchiectasis. E.A.Bel'kov. Trudy LIETIN 2:130-146 '59.

Connection of morphology and function in the external respiratory apparatus. A.I.Sadof'ev. Trudy LIETIN 2:55-65 '59.

Importance for disability evaluation of patients with chronic pneumonia of the selection of indexes of pulmonary ventilation capacity. [illegible] Trudy LIETIN 2:[illegible] '59.

[illegible]

Principles of evaluating ability to work and recommendations for persons disabled by chronic nonspecific pneumonia. [illegible] A.I.Ulitina. Trudy LIETIN 2:[illegible]

Significance for disability [illegible] of determining the [illegible] of patients [illegible] complicated by [illegible] I.V.[illegible] Trudy LIETIN 2:[illegible]

Some features of [illegible] in patients with chronic nonspecific pneumonia. [illegible] O.A.Nikiforova. Trudy LIETIN 2:[illegible]

Use of the water test in disability evaluation as a method for [illegible] in patients with chronic [illegible] Trudy LIETIN 2:[illegible]

Water [illegible] in nonspecific pneumonia [illegible] in solving problems [illegible] of patients. I.I. [illegible] Trudy LIETIN 2:[illegible]

LUNGS—[illegible]

(see also subdivision under [illegible])

[illegible]

LUNGS—[illegible]

[illegible]

LUNGS—[illegible]

[illegible]

LUNGS—[illegible]

Atelectasis [illegible]

[illegible]

Treatment of patients with large and gigantic caverns. G. G. [illegible], I. M. [illegible]. Pat., klin. i terap. tub. no. 8:[illegible] '60.

LUNGS—SURGERY—CONGRESSES
Congress in Czechoslovakia devoted to lung resections. S. M. [illegible]. Pat., klin. i terap. tub. no. 8:[illegible] '60.
Lung resection in the past and today. A. M. [illegible]. Pat., klin. i terap. tub. no. 8:[illegible] '60.

LUNGS—TUMORS
Virulence of Mycobacterium tuberculosis in pulmonary [illegible] from patients following antibacterial therapy [with summary in English]. M. M. Avetisian. Antibiotiki [illegible] no. [illegible] Ja-F '60.

LUNGS—WOUNDS AND INJURIES
Reactive changes in the lung parenchyma due to thermal burns. G. A. [illegible]. Izv. AN Arm. SSR. Biol. nauki 13 no. [illegible] '60.

LUPINE
Effect of the main elements of mineral nutrition on the accumulation of alkaloids in lupine. A. V. Mironenko, L. B. [illegible]. Biul. Inst. biol. AN BSSR no. 3:[illegible]-124 '58.
Role of the individual organs in the biosynthesis of alkaloids in lupine. A. V. Mironenko, IA. N. Kazanovich. Biul. Inst. biol. AN BSSR no. 3:[illegible]-124 '58.
Studying the amino acid composition of protein and free amino acids of lupine varieties with and without alkaloids. A. V. Mironenko, M. T. Gubareva. Biul. Inst. biol. AN BSSR no. 3:[illegible] '58.

LURIIA, ROMAN AL'BERTOVICH, 1874-[illegible]
Roman Al'bertovich Luriia; on the 15th anniversary of his death. IA. I. [illegible]. Kaz. med. zhur. 40 no. [illegible] '59.

LUTETIUM—DECAY
Measuring the average life of the Lu^{175} nucleus in the excited state with an energy of 113.8 kev. V. P. Bochko, [illegible], A. I. [illegible]. Izv. AN SSSR. Ser. fiz. 24 no. 7:[illegible]-819 Jl '60.

LUTETIUM—ISOTOPES
Spectrum of conversion electrons of Lu^{167} + Yb^{167}. A. S. Basina, B. S. Dzhelepov, V. A. Chikhladze. Izv. AN SSSR. Ser. fiz. 24 no. 7:807-810 Jl '60.
Spectrum of conversion electrons of neutron deficient isotopes of lutetium in the energy region of 1000-1500 kev. B. S. Dzhelepov, [illegible], [illegible]. Izv. AN SSSR. Ser. fiz. 24 no. 7:[illegible]-808 Jl '60.

[illegible], 1885-1931
People's writer [illegible]. Sovr. Mong. 5 no. 5:37 My '60.

[illegible]
[illegible]. Kh. [illegible]. Sovr. Mong. 5 no. 5:16-18 My '60.

[illegible]
[illegible]. D. [illegible]. Sovr. Mong. 5 no. 5:18-19 My '60.

LUZHANIN, MAKS'IM, pseud. see Karatai, Aliaksandr, [illegible]

[illegible], NIKOLAI NIKOLAEVICH, 1900-1960
Nikolai Nikolaevich [illegible]. Vest. sviazi 20 no. 6:39 Je '60.

L'VOV, NIKOLAI ALEKSANDROVICH, 1751-1803
N. A. L'vov as a graphic artist and engraver. N. I. Nikulina. Trudy Gos. Erm. 3:154-160 '59.

L'VOV—MUSIC COMPETITIONS
Artistic [illegible] in L'vov. B. Kuznetsov, V. Merzhanov. [illegible] 24 no. [illegible] Jl '60.

L'VOV—PUBLISHERS AND PUBLISHING
"Printed in L'vov." I. Berkach. Sots. kul't. 13 no. 7: 45 Jl '60.

L'VOV—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
[illegible]. K. Savina, IA. Sheinman. [illegible] no. 6:[illegible] Je '60.

L'VOV PROVINCE—AMATEUR ART ACTIVITIES
[illegible] problems of folk art. A. Kos-Anatol's'kyi. Sots. kul't. 13 no. 7:26-27 Jl '60.

L'VOV PROVINCE—AMATEUR THEATRICALS
[illegible] of life. B. Romanyts'kyi. Sots. kul't. 13 no. 7:42-43 Jl '60.

L'VOV PROVINCE—ATHEISM
[illegible] offensive. A. Papalka, O. Koval'ov. Sots. kul't. 13 no. 7:18-19 Jl '60.

L'VOV PROVINCE—CEMENT INDUSTRIES
We exceed the cement production plan. S. [illegible]. [illegible] [Ukr.] [illegible] 19-24 Je '60.

Mineral composition of drinking water in endemic goiter foci. P. P. Novikova. Vrach. delo no. 7:134 Jl '60.

L'VOV PROVINCE—GAS, NATURAL—GEOLOGY
Olenskaya key well. A. S. Muromtsev. Trudy VNIGNI no. 31:117-109 '60.

L'VOV PROVINCE—PETROLEUM GEOLOGY
Olesnaya key well. A. S. Muromtsev. Trudy VNIGNI no. 31:117-109 '60.
Rava Russkaya key well. IA. M. Sandler. Trudy VNIGNI no. 31:241-261 '60.

L'VOV PROVINCE—SOCIAL GROUP WORK
Brief news of cultural life. Sots. kul't. 13 no. 7:20 Jl '60.
For higher ideological standards of cultural and educational work. M. Lazurenko. Sots. kul't. 13 no. 7:1-6 Jl '60.
For the most effective work of cultural and educational institutions. IA. Vitoshyns'kyi. Sots. kul't. 13 no. 7:7-8 Jl '60.
On wide screen. Sots. kul't. 13 no. 7:47 Jl '60.

L'VOV VOLYN' BASIN—MINERS—MEDICAL CARE
Dispensary treatment of workers in the mines of the L'vov-Volyn' Coal Basin. Z. S. Grinval'd, T. N. Burikhin. Vrach. delo no. 7:107-108 Jl '60.

L'YALOVO—COMMUNITY CENTERS
Pictures instead of icons. E. Rakhovskhin. Nauka i rel. no. 7:78 Jl '60.

LYANGAR REGION (UZBEKISTAN)—SCANDIUM
Mineral containing scandium in the Lyangar deposit. P. S. Lileev. Zap. Uz. otd. Vses. min. ob-va no. 13:132-133 '59.

LYMPHATICS
Condition of the lymphatic channel following disturbances of blood outflow in the extremities of a dog [with summary in English]. A. G. Fedorova. Biul. eksp. biol. i med. 40 no. 1:118-121 Ja '60.
Ginzburg, V. V. [Lymphatics of the lower extremities in man] Limfaticheskaia sistema nizhnikh konechnostei cheloveka. [Leningrad] Medgiz, 1959. 130 p. (DNLM)
Lymph flow in the human pancreas [with summary in English]. A. A. Soshko, I. V. Chernyshenko. Vrach. delo no. 6:601-609 Je '60.
Role of inflammation in the barrier function of the lymph nodes [with summary in English]. N. V. Medunitsyn. Biul. eksp. biol. i med. 40 no. 1:49-53 Ja '60.

LYMPHATICS—TUBERCULOSIS
Clinical and radiological picture of the lungs in patients with tuberculosis of the external lymphatic nodes. I. I. Ugorodskii. Pat., klin. i terap. tub. no. 8:183-186 '60.
Tuberculous mesadenitis in children. N. A. Gafarova. Kaz. med. zhur. 40 no. 5:45-49 S-O '59.

LYOTROPIC SERIES
Reversibility of the lyotropic series of alkali metals. B. D. Stepin, A. M. Tartakovskaia, V. E. Plushchev. Zhur. neorg. khim. 5 no. 7:1612-1617 Jl '60.

LYRIC POETRY
Thoughts on lyrical poetry ("The poet and time" by Iurii Barabash. Reviewed by A. Deich). Vop. lit. 4 no. 7:218-220 Jl '60.

LYUBLINO—PRECAST CONCRETE CONSTRUCTION
Apartment house built of prefabricated room-units. Zhil. stroi. no. 5:31 My '60.

LYUDINOVO—DIESEL LOCOMOTIVES
Projects of the Lyudinovo Diesel Locomotive Plant. Elek. i tepl. tiaga 4 no. 5:35-36 My '60.

MACHARUKA REGION—PEGMATITES
Albitization processes in Shrosha pegmatites. G. L. Odikadze. Soob. AN Gruz. SSR 24 no. 4:435-442 Ap '60.

MACHINE ACCOUNTING
(see also subdivision under Dnepropetrovsk Province, Uryupinsk; Zhitomir)
Speeding-up the receipting of interbranch transmittals. G. Osipov. Den. i kred. 18 no. 7:66-67 Jl '60.
Tasks and prospects for machine accounting. IU. V. Vasil'ev. Uchet i fin. v kolkh. i sovkhoz. 17 no. 5:11-19 My '60.

MACHINE GUNS
Different types of automatic weapons. S. Mutsynov. Voen. znan. 36 no. 8:15-16 Ag '60.

MACHINE SHOPS
Machine shops on ships. V. S. Biriuk. Sudostroenie 26 no. 6:10-54 Je '60.

MACHINE-TOOL INDUSTRY
(see also subdivision under Moscow)
Development of the seven-year plan. Stan. i instr. 31 no. 7:1-2 Jl '60.
Mechanized assembly lines for the manufacture of welded drawing-machine frames. A. M. Avrutin, B. M. Pestov, M. IU. Pustyl'nik. Svar. proizv. no. 6:18-22 Je '60.

A. K. Nartov's work "Pictorial presentation of machines" (on the history of the Petersburg "Mechanical laboratory of Peter the Great"). V. N. Vasil'ev. Trudy Gos. Erm. 3:41-92 '59.
All-purpose automatic bending machines. A. V. Lopatin. Standartizatsiia 24 no. 6:53 Je '60.
Automation of machining on universal vertical drilling and milling machines. N. P. Kosov. Vest. mash. 40 no. 7:66-69 Jl '60.
From conventional machine tools to tools with program control. G. Kozlov. Znan. sila 35 no. 7:7-8 Jl '60.
Machine-tool attachments and the automatic control of machining operations. M. Abakumov. Prof.-tekh. obr. 17 no. 5:16-19 My '60.
New general purpose measuring device and methods of measuring the operational control of metal cutting machines. G. L. Perfil'ev. Avtom. i telem. 21 no. 6:884-891 Je '60.
New machine tools. Stan. i instr. 31 no. 7:37-38 Jl '60.
Sysoev, V. I. [Metal cutting, machine tools, and metal-cutting tools] Rezanie metallov, stanki i instrument. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 470 p.
The 3A655 ten-spindle drilling, boring, and screw-cutting machine. B. I. Cherpakov. Biul. tekh.-ekon. inform. no. 7:22-23 '60.

MACHINE TOOLS—ATTACHMENTS
Abakumov, M. M. [Recent machine-tool attachments] Sovremennye stanochnye prisposobleniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 326 p.
Introducing multipurpose attachments with interchangeable parts. E. A. Usynina. Mashinostroitel' no. 7:12-43 Jl '60.
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Parts of machine-tool attachments] Detali stanochnykh prisposoblenii. Izd. ofitsial'noe. Moskva, 1959. 45 p. (Gosudarstvennye standarty SSSR)

MACHINE TOOLS—ELECTRIC DRIVING
Correlation functions and their practical meaning for load graphs of electric driving of metal cutting machines. G. M. Kalalov, L. V. Brusentsov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5:123-129 '60.

MACHINE TOOLS—HYDRAULIC DRIVING
Hydraulic flanging machine. E. K. Skvortsov. Mashinostroitel' no. 7:31 Jl '60.
Investigating and calculating new choke designs. I. Z. Zaichenko, N. V. Vasil'ev. Stan. i instr. 31 no. 7:10-13 Jl '60.

MACHINE TOOLS—LUBRICATION
Oils providing an even feed of machine-tool tables. B. G. Lur'e, R. N. Osher. Stan. i instr. 31 no. 7:16-20 Jl '60.

MACHINE TOOLS—MAINTENANCE AND REPAIR
Using glues in repair work. E. I. Berniker. Mashinostroitel' no. 7:16 Jl '60.
Using plastics in reconditioning guiding parts of machine tools. N. N. Chesnokov. Mashinostroitel' no. 7:20 Jl '60.

MACHINE TOOLS—NUMERICAL CONTROL
Numerical methods for controlling metal-cutting machine tools. V. I. Loskutov. Stan. i instr. 31 no. 7:3-5 Jl '60.

MACHINE TOOLS—STANDARDS
[Control parts] Detali upravleniia. Moskva, Gos. izd-vo standartov "Standartgiz," 1959. 23 p. (Normali mashinostroeniia SSSR)
Russia (1923- U. S. S. R.) Vsesoiuznyi komitet standartov. [Fastening parts of machine tools] Detali krepleniia izdelii na stankakh. Izd. ofitsial'noe. Moskva, 1959. 22 p. (Gosudarstvennye standarty SSSR)

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Izhevsk)
Your metal-cutting machines. A. Klichko. Znan. sila 35 no. 7:3-7 Jl '60.

MACHINE-TRACTOR STATIONS
(see also subdivision under Komi A. S. S. R.)
The political sections of machine-tractor stations during the Great Patriotic War, November, 1941 - May, 1943. V. IA. Ashanin. Vop. ist. KPSS 4 no. 4:51-61 '60.

MACHINE TRANSLATING
Algorithm for translating from English to Russian. T. N. Moloshnaia. Probl. kib. no. 3:209-272 '60.
Machine translation from French to Russian. Part 1. O. S. Kulagina. Probl. kib. no. 3:181-208 '60.

MACHINE TRANSLATING—CONGRESSES
Meeting on mathematical linguistics. Probl. kib. no. 3: 273-278 '60.

MACHINERY
Important part of technological progress. V. Klushin. Polit. samoobr. 4 no. 6:30-38 Je '60.

MACHINERY—CORROSION
All-Union Scientific Technological Seminar held in Sverdlovsk on problems of increasing the cavitation strength of machine parts. R. I. Mints. Metalloved. i term. obr. met. no. 6:58-60 Je '60.

MACHINERY—DESIGN

Kondrat'ev, IU. P. [Design of cast parts for precision casting equipment] Konstruirovanie liitykh detalei i osnastiki dlia lit'ia po vyplavliaemym modeliam. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl , 1960. 198 p.

MACHINERY—FOUNDATIONS

Calculating the vibration of foundations subjected to the pulse and impact couple S E. Dmitrievskii Izv. vys. ucheb. zav , stroi. i arkhit. no. 2 58-74 '60

Designing foundations for small equipment. N. F. Skurikhin. Osn., fund. i mekh. grun. 2 no. 4:30 '60.

MACHINERY—MAINTENANCE AND REPAIR

Develop an industrial organization for the repair of equipment G. Pekelis. NTO 2 no. 7 36 Jl '60

More about the complete overhaul of machinery Kommunist 37 no 12 124-125 Ag '60

The second life of a machine part L. Agaian. NTO 2 no 7 21 Jl '60

Slobodiannikov, S. S. [Increasing the wear resistance of machine parts] Povyshenie stoikosti detalei mashin. [Moskva] Mosk. rabochii, 1960. 91 p.

MACHINERY—STANDARDS

Specifications for the manufacture of machinery. Standartizatsiia 24 no. 6 63-64 Je '60.

MACHINERY, AUTOMATIC

Mednick, B. E., and V. P. Bushs. [Multiple position automatic forging machines] Mnogopozitsionnye shtampovochnye avtomaty. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 47 p.

Vsesoiuznoe soveshchanie po osnovym problemam teorii mashin i mekhanizmov. 2d, Moscow, 1958. [The theory of automatic machines and the theory of precision in the manufacture of machinery and instruments] Teoriia mashin avtomaticheskogo deistviia i teoriia tochnosti v mashinostroenii i priborostroenii; sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 218 p. (Its Trudy)

MACHINERY, KINEMATICS OF

Determining the force of the impact in kinematic pairs of a mechanism. Trudy MIIT no. 128:118-122 '60.

Instrument for the determination of the nonuniformity of machine performance. A. A. Zhukovskii, E. A Ivanov, V. F Fedorov Izv. vys ucheb. zav., gor. zhur. no. 7. 117-120 '60.

MACHINERY IN INDUSTRY

Akademiia nauk SSSR. [Standard method for determining the economic effectiveness of capital investments and new technology in the national economy of the U. S. S. R.] Tipovaia metodika opredeleniia ekonomicheskoi effektivnosti kapital'nykh vlozhenii i novoi tekhniki v narodnom khoziaistve SSSR. Moskva, Gosplanizdat, 1960. 21 p.

Probst, A. E. [Method of determining the economic efficiency of modern technology] Ekonomicheskaia effektivnost' novoi tekhniki; metodologiia opredeleniia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 215 p.

MACHINERY INDUSTRY

(see also subdivision under China, Kramatorsk, Leningrad, Loyang, China; Minsk, Sverdlovsk, Ukraine)

Aizenberg, B. I., ed. [Design of machinery plants; manual on the organization and methods of designing] Proektirovanie mashinostroitel'nykh zavodov, spravochnoe posobie po organizatsii i metodike proektirovaniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 379 p.

Algorithmic design of technological processes for the machinery manufacturing industry. A. M. Gil'man. Probl. kib. no. 3:149-170 '60.

Bartashev, L. V. [Continuous methods for production processes in the machinery industry] Potochnye metody organizatsii proizvodstva v mashinostroenii. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 3, Ekonomika, no. 19)

Calculating methods for bringing out hidden potentialities of efficiency and precision of production in the precision manufacture of machinery and instruments. N. A. Borodachev. Trudy MAI no. 116:13-67 '59.

Designing universal section electric power networks in machine manufacturing plants. N. N. Khitrin. Prom. energ. 15 no. 5:57-58 My '60.

Dobrynin, E. M. [Instruments for automatic control of dimensions in the manufacture of machinery] Pribory avtomaticheskogo kontrolia razmerov v mashinostroenii. Moskva, Gos. nauchno-tekhn izd-vo mashinostroit. lit-ry, 1960. 302 p.

For technical development in the machinery industry. V. S. Retivoi. Mashinostroitel' no. 7:3-5 Jl '60.

[Handbook on materials used in the manufacture of machinery] Spravochnik po mashinostroitel'nym materialam, v chetyrekh tomakh. Pod red. G. I. Pogodina-Alekseeva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry.

Vol. 4. [Nonmetallic materials] Nemetallicheskie materialy. Red. toma, A. N. Levin. 1960. 723 p.

Improving the planning of working capital in the machinery industry. A. P. Gritsai. Izv. vys. ucheb. zav., mashinostr. no. 5:165-171 '60.

Make wider use of plastics in machine construction V A Vinogradov Plast massy no 5 70 '60

Solonin, I. S. [Mathematical statistics in the technology of the manufacture of machinery] Matematicheskaia statistika v tekhnologii mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 174 p.

Terekhov, G. A., and IU. A. Shuvalov. [Automation of technological processes of machining and assembling in the manufacture of machinery] Avtomatizatsiia tekhnologicheskikh protsessov mekhanicheskoi obrabotki i sborki v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 32 p.

Vsesoiuznoe soveshchanie po osnovym problemam teorii mashin i mekhanizmov. 2d, Moscow, 1958. [The theory of automatic machines and the theory of precision in the manufacture of machinery and instruments] Teoriia mashin avtomaticheskogo deistviia i teoriia tochnosti v mashinostroenii i priborostroenii, sbornik statei. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 218 p. (Its Trudy)

MACHINERY INDUSTRY—ACCOUNTING

Several problems in the accounting and distribution of overhead costs in machinery manufacturing enterprises. L. Sibiriakov. Bukhg. uchet 17 no. 6:12-20 Je '60.

MACHINERY INDUSTRY—FINANCE

Sokolov, A. A., and A. IA. Stepanov. [Financing and issuing credit to the machinery industry] Finansirovanie i kreditovanie mashinostroitel'noi promyshlennosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 247 p.

Zhevtiak, P. N. [Financial planning in an industrial enterprise] Finansovoe planirovanie na promyshlennom predpriiatii. Moskva, Gosfinizdat, 1960. 133 p.

MACHINERY INDUSTRY—HYGIENIC ASPECTS

(see also subdivision under Alma-Ata; Azerbaijan)

The real object is cooperation! M TSyganov Okhr truda i sots strakh 3 no 3 58-59 Mr '60

This was made in 1959 D Makukhin Okhr. truda i sots strakh 3 no 3 42 Mr '60

MACHINERY INDUSTRY—SAFETY MEASURES see subdivision under Czechoslovakia

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Leningrad)

Brief news. Mashinostroitel' no. 7:6, 30, 43 Jl '60.

Conferences in factories. P Aleksandrov, G. Bugaev, S. Kobrinskii NTO 2 no 7,58 Jl '60.

Determining the degree of mechanization of production processes in the manufacture of machines. N. IA. Kagan, A. Z. Revzin. Vest. mash. 40 no. 7:70-75 Jl '60.

Dmitriev, P. V. [Mechanization in the manufacture of metallic structures] Mekhanizatsiia v proizvodstve metallokonstruktsii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 90 p.

Gavrilov, A. N., ed. [Present status and trends of future development of technological processes in the manufacture of machinery and instruments] Sovremennoe sostoianie i napravleniia razvitiia tekhnologii mashinostroeniia i priborostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 563 p.

Ivanov, A. P. [Mechanization and automation of technological processes in the manufacture of machinery] Mekhanizatsiia i avtomatizatsiia tekhnologicheskikh protsessov v mashinostroenii. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 334 p.

MACROMOLECULAR COMPOUNDS

Conference on analytical chemistry at the D I Mendeleev All-Union Chemical Society. L. A. TSaplina. Khim. volok no 3 75-76 '60

High molecular weight dielectrics. G. P. Mikhailov, B. I. Sazhin Usp. khim. 29 no 7 864-881 Jl '60.

International symposium on macromolecular chemistry. Moscow, 1960. [Reports and summaries] Doklady i avtoreferaty. [Moskva]

Sec. 1. 1960. 346 p.
Sec. 2. 1960. 559 p.
Sec. 3. 1960. 469 p.

Progress in the field of synthesis of high molecular weight compounds. V. V. Korshak. Usp. khim. 29 no. 5:569-628 '60.

Voiutskii, S. S. [Solutions of high molecular weight compounds] Rastvory vysokomolekuliarnykh soedinenii. Izd. 2. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 131 p.

MACROMOLECULAR COMPOUNDS—CONGRESSES

International Symposium on the Problems of the Chemistry and Physics of High Molecular Weight Compounds. M. M. Rokhlin. Kauch. i rez. 19 no. 5:56-57 My '60.

MADAGASCAR

Madagascar Blok agit. [Ukr]. no. 13,62-64 My '60.

MADNEULI REGION—BARITE

Deposion of barites and nonferrous metal sulfides in the Madneuli deposit. IU. I. Nazarov. Geol. rud. mestorozh. no. 6,90-101 N-D '59.

MADNEULI REGION—SULFIDES

Deposion of barites and nonferrous metal sulfides in the Madneuli deposit. IU. I. Nazarov. Geol. rud. mestorozh. no. 6:90-101 N-D '59.

MAGADAN—HISTORY

TSvik, D. B. [Magadan; a chronicle] Magadan; ocherk-khronika. [Magadan] Magadanskoe knizhnoe izd-vo, 1959. 112 p. (Gorodu 20 let)
(NNC)

MAGADAN PROVINCE—BOOKSELLERS AND BOOKSELLING

More political books for the masses. V. Sevruk. Part. zhizn' no. 14:59-60 Jl '60.

MAGNANI, ANNA

Anna Magnani. A. A. Teatr 21 no. 8:184 Ag '60.

MAGNESIUM

Anodic oxidation of magnesium in alkali solutions [with summary in English]. B. A. Pospelov. Zhur. fiz. khim. 34 no. 5,957-958 My '60.

Mechanism of interaction between titanium tetrachloride and magnesium under optimum temperature conditions of the reduction process. R. A. Sandler. Zhur. prikl. khim. 33 no. 5 1013-1019 My '60.

Rate of reaction of titanium tetrachloride with magnesium R A. Sandler. Zhur prikl. khim 33 no. 7:1465-1470 Jl '60.

Reaction between nitric acid and magnesium. A. A. Grinberg, A. F. V'iugina. Zhur. neorg. khim. 5 no. 6: 1389-1390 Je '60.

MAGNESIUM—ANALYSIS

Complexometric determination of calcium and magnesium in the urine. S. I. Pekhtereva. Lab. delo 6 no. 3:17-20 My-Je '60.

MAGNESIUM—ELECTROMETALLURGY

Accelerating magnesium electrolytic cell operations. V. V Krivoruchenko. TSvet met. 33 no. 7:40-50 Jl '60.

MAGNESIUM—ISOTOPES

Energy level spin of Mg^{24} with an excitation energy of 1.38 Mev. O. F. Nemets, G. A. Prokopets. Izv. AN SSSR Ser. fiz. 24 no. 7:869-871 Jl '60.

Inelastic scattering of protons and deuterons by Mg^{24} [with summary in English]. O. F. Nemets, G. A. Prokopets Zhur. eksp. i teor. fiz. 38 no. 3 693-696 Mr '60

MAGNESIUM ALLOYS

Heat-resistant deformable MA13 magnesium alloys. A. A Kazakov, U. G. Kovalev, A. I. Kolpashnikov. TSvet. met. 33 no. 5,62-65 My '60.

Magnesium alloys for protectors. S. G. Gvozdev, G. I. Il'chenko, T. V. Stepanova. Sudostroenie no. 7:41-45 Jl '60.

MAGNESIUM ALLOYS—FOUNDING

Use of floater-lids for melting magnesium alloys. E. A. Itskovich. Lit. proizv. no. 7:30-40 Je '60.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM-ALUMINUM-ZINC-MANGANESE ALLOYS

Mechanism of the gaseous corrosion of magnesium alloys of the type Mg-Al-Zn-Mn. I. A. Makotkin. Zhur. prikl khim 33 no. 7:1572-1580 Jl '60

MAGNESIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Lability of nerves altered by barium and magnesium chlorides [with summary in English]. S. D. Kovtun. Fiziol zhur. [Ukr.] 6 no. 4:481-489 Jl-Ag '60.

MAGNESIUM CRYSTALS—ELECTRIC PROPERTIES

Anisotropy of the electrical resistance of Mg and Pt single crystals in a magnetic field at 4.2°K [with summary in English]. N. E. Alekseevskii, IU. P. Gaidukov. Zhur. eksp. i teor. fiz. 38 no. 6:1720-1721 Je '60.

MAGNESIUM FLUORIDE—SPECTRA

Spectrographic determination of CaF_2 and MgF_2 in the electrolyte of aluminum baths. I. L. Reznikov. Zav. lab. 26 no. 5:570-574 '60.

MAGNESIUM ORGANIC COMPOUNDS

Organomagnesium compounds of the isoxazole series. N. K. Kochetkov and others. Dokl. AN SSSR 133 no. 3: 598-601 Jl '60.

MAGNESIUM SULFATE

Mutual solubility in the quaternary system H_3BO_3 - Na_2SO_4 - $MgSO_4$ - H_2O at 60°. A. B. Bekturov, E. G. Konobritskii. Zhur. neorg. khim. 5 no. 4:945-949 Ap '60.

Study of the reduction roasting of zinc and magnesium sulfates. V. V. Pechkovskii. Zhur. prikl. khim. 33 no. 5:1025-1030 My '60.

MAGNETIC AMPLIFIERS

Alloys for magnetic amplifier cores. V. IA. Skotnikov, K. D. Mart'ianova. Sbor. trud. TSNIICHM no. 23:55-65 '60.

[illegible] of magnetic amplifiers with single and triple-phase semiconductor rectifiers operating into an active load and a counter electromotive force [with summary in English]. A.G. Zdrok. Avtom.i telem. 21 no.5: 642-651 My '60.

Characteristics of cores of magnetic amplifiers with [illegible] magnetization. Kh.E. Zaidel. Izv.vys. ucheb.zav.; elektromekh. 3 no.3:137-131 '60.

Rozenblat, M.A. [Magnetic amplifiers] Magnitnye usiliteli, Izd.3., perer.i dop. Moskva, Izd-vo "Sovetskoe radio."
Vol.1. 1960. 637 p.
Vol.2 1960. 135 p.

MAGNETIC ANOMALIES

[illegible] the vertical gradient of two dimensional magnetic fields. V.[illegible]. Izv.AN SSSR Ser.geofiz. [illegible] Jl '60.

MAGNETIC FIELDS

Anisotropy of the electrical resistance of Mg and Pb single crystals in a magnetic field at 4.2°K [with summary in English]. N.E. Alekseevskii, IU.P. Gaidukov. Zhur.eksp.i teor.fiz. 38 no.6:1720-1723 Je '60.

[illegible] states of bound paramagnetic ions of rare earths in an external magnetic field. N.V. Afanas'eva. Opt.i spektr. 8 no.[illegible] Je '60.

Behavior of certain ferromagnetic materials in weak magnetic fields of high frequency (10^5 - 10^7 cycles). [illegible] Sbor.trud.TSNIICHM no.23:108-120 '60.

[illegible] scattering of charges in a strong magnetic field [with summary in English]. IU.N. Barabanenkov. Zhur.eksp.i teor.fiz. 38 no.5:1512-1514 My '60.

Effect of a magnetic field on the resonance absorption [illegible]. V.A. Liubimov, A.I. Alikhanov. Zhur.eksp.i teor.fiz. 38 no.6:1913-1914 Je '60.

[illegible]. B.Z. Kantor. Izv.vys.ucheb. zav.; fiz. no.1:138-141 '60.

Stability of magnetoactive plasma in respect to high-frequency electromagnetic perturbations. Part 3. V.V. [illegible]. Izv.vys.ucheb.zav.; radiofiz. 3 no.[illegible] '60.

Interaction of an electron, moving in a magnetic field, with a vacuum. V.I. [illegible]. Izv.vys.ucheb.zav.; fiz. no.1:112-116 '60.

Investigation of the toroidal discharge in a rapidly varying longitudinal magnetic field. B.P. Ivanov, V.D. [illegible]. Dokl.AN SSSR 133 no.4:[illegible] Ag '60.

Relation between oscillations and velocity losses of charged particles in a low pressure cylindrical plasma in a longitudinal magnetic field. A.A. Zaitsev, M.IA. Vasil'eva. Zhur.eksp.i teor.fiz. 38 no.6:1639-1640 Je '60.

Temperature dependence of the magnetization of hexagonal ferrites in weak fields. [illegible]. Fiz.met.i metalloved. 9 no.6:[illegible] Je '60.

Use of Hall elements in the analysis of the field excitation of a synchronous machine. L. Csanak. Izv. vys.ucheb.zav.; elektromekh. 3 no.6:10-16 '60.

MAGNETIC FIELDS—MEASUREMENT

[illegible] instrument for measuring the intensity of magnetic fields. M.I. [illegible]. Prib.i tekh.eksp. no.2:[illegible] Mr-Ap '60.

MAGNETIC FIELDS (COSMIC PHYSICS)

[illegible] magnetic fields of solar granulation [with summary in English]. R.V. [illegible]. Izv.Krym. astrofiz.obser. 22:[illegible] '60.

[illegible] the magnetic field gradient of the solar [illegible] [with summary in English]. V.E. Stepanov. Izv.Krym.astrofiz.obser. 22:[illegible] '60.

[illegible] magnetic fields connected with solar flares [with summary in English]. A.B. Severnyi. Izv.Krym.astrofiz.obser. 22:12-41 '60.

Terrestrial magnetism and the magnetic fields of cosmic bodies. V.I. Ivanchuk. Nauka i zhyttia 10 no.7:46-50 Jl '60.

MAGNETIC INSTRUMENTS

[illegible]. V.I. Cherkasov. Put' i put.khoz. 4 [illegible] Jl '60.

MAGNETIC MATERIALS

Investigating the connection between the magnetic properties and the fine structure of iron nickel alloys. G.V. [illegible], V.I. Gorbunov. Sbor.trud. TSNIICHM no.23:[illegible] '60.

MAGNETIC MATERIALS—OPTICAL PROPERTIES

Effect of electron magnetic resonance on the optical properties of ferromagnetic and paramagnetic bodies. P.S. Zyrianov, T.G. [illegible], G.V. Skrotskii. Izv. vys.ucheb.zav.; fiz. no.3:[illegible] '60.

MAGNETIC RECORDERS AND RECORDING

(see also subdivision under Gorkiy Province)

[illegible] for a tape recorder. V. [illegible]. Radio no.6:32-35 Je '60.

Records of electric pulses recorded on an electromagnetic carrier. V.G. [illegible]. Elektrosviaz' 14 no.6:[illegible] Je '60.

Gerasin. Radiotekhnika 15 no.6:74-76 Je '60.

Markellov, A.A. [Homemade magnetic tape recorders] Samodel'nyi magnitofon. [Moskva] M-vo kul'tury RSFSR, Izd-vo "Detskii mir," 1960. 36 p.

Oscillator for a magnetic tape recorder. I. Lobanov. Radio no.7:54 Jl '60.

Roller bearings for sound recording and reproducing systems. V.R. Epshtein. Tekh.kino i telev. 4 no.7: 52-58 Jl '60.

Some improvements of the magnetograph of the Crimean Astrophysical Observatory [with summary in English]. N.S. Nikulin. Izv.Krym.astrofiz.obser. 22:3-8 '60.

Video magnetic tape recording. I. Okholnikov, L. Poliakov. Znan.sila 35 no.5:38-39 My '60.

MAGNETIC STORMS

Fine structure of the sudden commencement of a magnetic storm [with summary in English]. A.S. Dvoriashin, S.B. Pikel'ner. Izv.Krym.astrofiz.obser. 22:144-140 '60.

MAGNETIC STORMS—1959 (JULY)

Absorption of cosmic radio emission during the magnetic storm of the July 15, 1959. E.A. Benediktov, IU.S. Korobkov. Izv.vys.ucheb.zav.; radiofiz. 3 no.2:333-334 '60.

MAGNETISM, TERRESTRIAL

Comparing the parameters of radio wave reflections with variations of the magnetic field during auroral displays. V.I. Pogorelov. Izv.AN SSSR.Ser.geofiz. no.7:1082-1085 Jl '60.

Relation between the effect of chromospheric flares and geomagnetic activity (according to observations during 1957-1959). O.M. Barmakov. Izv.AN SSSR.Ser.geofiz. no.7:1077-1078 Jl '60.

Terrestrial magnetism and the magnetic fields of cosmic bodies. V.I. Ivanchuk. Nauka i zhyttia 10 no.7:46-50 Jl '60.

MAGNETISM, TERRESTRIAL—CONGRESSES

Third Paleomagnetic Conference. Izv.AN SSSR.Ser.geofiz. no.7:1091-1090 Jl '60.

MAGNETITE

(see also subdivision under Magnitogorsk region; Selenga Valley)

Cathodic reduction of magnetite. V.P. Galushko, I.F. Zavgorodniaia, L.K. Galvoronskaia. Zhur.prikl.khim. 33 no.7:1516-1551 Jl '60.

MAGNETOHYDRODYNAMICS

Flow of a viscous conducting liquid between two porous plates. N.P. Dzhorbenadze, D.V. Sharikadze. Dokl.AN SSSR 133 no.2:299-302 Jl '60.

Motion of a piston in a conductive medium [with summary in English]. R.V. Polovin. Zhur.eksp.i teor.fiz. 38 no.5:1544-1555 My '60.

Some automodel gas motions with plane waves in magnetohydrodynamics. O.A. Berezin. Dokl.AN SSSR 133 no.2: 286-288 Jl '60.

MAGNETOMETER

An a.c. magnetometer based on the Hall effect. G. Aleksandria, D.P. Vasilevskaia. Prib.i tekh.eksp. no.2 107-110 Mr-Ap '60.

MAGNETOSTATICS

Using the method of images in solving magnetostatic problems in the case of finite permeability of the medium. A.M. Arakelian. Izv.AN Arm.SSR. Ser.tekh. nauk 13 no.1:37-43 '60.

MAGNETOSTRICTION

Magnetostriction and certain other properties of iron-aluminum alloys. Z.N. Bulycheva, IA.P. Selisskii. Sbor.trud.TSNIICHM no.23:166-173 '60.

Magnetostriction by change in volume of iron-nickel-molybdenum alloys. B.V. Molotilov, I.M. Puzei, A.I. Rad'kov. Sbor.trud.TSNIICHM no.23:161-165 '60.

Magnetostriction of nickel-iron-molybdenum alloys. I.M. Puzei, B.V. Molotilov. Sbor.trud.TSNIICHM no.23 150-160 '60.

Magnetostriction texture and anisotropy of certain iron-base alloys. M.M. Borodkina, Z.N. Bulycheva, IA.P. Selisskii. Sbor.trud.TSNIICHM no.23:183-193 '60.

Temperature dependence of magnetostriction [with summary in English]. E.A. Turov, A.I. Mitsek. Zhur.eksp.i teor.fiz. 38 no.6:1847-1851 Je '60.

MAGNETOTHERMAL EFFECTS see Thermomagnetism

MAGNETRONS

Study of fluctuations in a magnetron. Part 2: Fluctuations of the azimuth current. V.A. Berbasov, M.I. Kuznetsov, V.E. Nechaev. Izv.vys.ucheb.zav.; radiofiz. 3 no.2: 390-398 '60.

MAGNITOGORSK—AMMONIUM SULFATE

Production of white ammonium sulfate. G.S. Virakhovskii, E.K. Smelanin. Koks.i khim. no.7:40-43 '60.

MAGNITOGORSK—CLOTHING INDUSTRY

Putting a new factory into operation in Magnitogorsk. I.I. Gibel'. Shvein.prom. no.3:1-6 My-Je '60.

Solovkov, A.K., and G.A. Menchinov. [Main direction] Glavnoe napravlenie. Moskva, Gospolitizdat, 1959. 70 p. (Voprosy partiinogo stroitel'stva)
(MII)

MAGNITOGORSK—ICE CREAM INDUSTRY

"Frozen" trade. N. Spasskii. Sov.torg. 33 no.6:57 Je '60.

MAGNITOGORSK REGION—MAGNETITE

Possible association of hornfels diabases and hybrid diorites in the formation of magnetite ores in Malyy Kuybas Mountain. E.I. Kaminskaia. Geol.rud. mestorozh. no.3:71-76 My-Je '60.

MAGNITOGORSK—PITCH

Lowering the moisture content of coal tar pitch. V.I. Morozov. Koks i khim. no.6:50-51 '60.

MAGNITOGORSK—STEEL INDUSTRY

Our anniversary calendar. Mol komm no.7 105-108 Jl '60

MAGUNTAN, MOUNT—PRIMROSES

Primula sachalinensis Nakai, the primrose of Maguntan Volcano. A.V. Bukhteeva. Bot.zhur. 45 no.5:746-748 My '60.

MAHLER, GUSTAV, 1860-1911

Remarks on Mahler. I. Nest'ev. Sov.muz. 24 no.7:72-82 Jl '60.

"Youth's magic horn." I. Mikheeva. Sov.muz. 24 no.7:83-87 Jl '60.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

"The aesthetic views of Maiakovskii" by S. Vladimirov. Reviewed by Vl. Bakhtin. Zvezda no.5:216-217 My '60.

MAIDEN, JOSEPH HENRY, 1859-1925

Joseph Henry Maiden; on the one-hundredth anniversary of his birth. M.V. Gerasimov. Biul.Glav.bot.sada no.36:109-111 '60.

MAISKII IVAN MIKHAILOVICH, 1884-

Maiskii, I.M. [Memoirs of the Soviet Ambassador to England] Vospominaniia sovetskogo posla v Anglii. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 142 p.

MAIZE see Corn (Maize)

MAIZEL', SERGEI OSIPOVICH, d.1955

Principal works of professor S.O. Maizel' in the field of lighting engineering. N.V. Gorbachev and others. Svetotekhnika 6 no.7:1-6 Jl '60.

MAKARII, Archbishop of Mozhaysk, 1888-1960

In memory of Makarii, Archbishop of Mozhaysk. N. Khar'-iuzov. Zhur.Mosk.Patr. no.5:29-30 My '60.

MAKEYEVKA—COAL PREPARATION

At the Makeyevka By-Product Coking Plant. G.D. Mnukhin. Koks i khim. no.6 59 '60.

MAKEYEVKA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A methodological council of propagandists. P. Kiselev. Agitator no.14:56 Jl '60.

MALACHITE GREEN—PHYSIOLOGICAL EFFECT

Influence of malachite green on the growth of the causative agents of plague, pseudotuberculosis, and some other microbes. G.P. Aparin. Izv.Irk.gos.nauch.-issl. protivochum.inst. 18:3-7 '50.

MALAGASY REPUBLIC—POLITICS AND GOVERNMENT

Achievements of the Malagasy people. L. Korneev. Sovr. Vost. no.7:48-50 Jl '60.

The political parties of Madagascar. Sovr.Vost. no.7: 50 Jl '60.

MALAYA ALMAATINKA VALLEY—THRUSHES

Ecology of the blue thrush (Myophonus caeruleus turcestanicus Zar.). I.F. Borodikhin. Trudy Inst.zool AN Kazakh.SSR 13:181-184 '60.

MALAYA-LABA MOUNTAINS—GRANITE

Possible alkali activity in the magma of the Malaya-Laba granitoid-bearing massif. A.A. Kadik. Izv.vys. ucheb zav.,geol.i razv. no.3:50-58 Mr '60.

MALEIC ACID

Use of dioxymaleic acid in chemical analysis. N.D. Sadzhaia, V.P. Goguadze. Soob.AN Gruz.SSR 24 no.3:289-290 Mr '60

MALEIC ANHYDRIDE

Reaction between natural rubber and maleic anhydride. I.A. Tutorskii, I.S. Krokhina, B.A. Dogadkin. Kauch. i rez. 19 no.5:3-6 My '60.

MALI FEDERATION

The Mali Federation. Blok.agit.[Ukr.] no.13 64 My '60

MALIKOVA, MARIIA DUPRIIANOVNA
Senior surgical nurse. N.K.Mitropol'skii. Med.sestra 19 no.8:42-43 Ag '60.

MALININ, EVGENII
Pianists. K.Adzhemov. Sov.muz. 24 no.7:141-145 Jl '60.

MALONIC ACID
Quinones. Part 31: Condensation of arylnaphthoquinones with sodium enolates of acetoacetic and malonic esters and their analogs. A.N.Grinev, A.S.Mezentsev, A.P.Terent'ev. Zhur.ob.khim. 30 no.7:2306-2311 Jl '60.
Synthesis of some new unsaturated esters. M.T.Dangian, S.V.Arakelian. Izv.AN Arm.SSR Khim.nauki 13 no.1:51-53 '60.

MALOZEMEL'SKAYA TUNDRA--ARCTIC FOX
Some data on the biology and ecology of the Arctic fox with reference to the nature of distribution of its dens in the Bol'shezemel'skaya and Malozemel'skaya Tundras. V.D.Skrobov. Biul.MOIP.Otd.biol. 65 no.3:28-36 My-Je '60.

MALYSHKIN, ALEKSANDR GEORGIEVICH, 1890-1938
"Aleksandr Malyshkin", a study of his life and works by A.Khvatov. Zvezda no.5:213-216 My '60.

MALYY BASKAN VALLEY--GLACIERS
Current glaciation in the Malyy Baskan River basin of the Dzungarian Ala-Tau. P.A.Cherkasov. Trudy Sekt.geog. AN Kazakh.SSR no.6:65-91 '60.

MAMAKAN HYDROELECTRIC POWER STATION--BARRAGES
Damming of the Mamakan River. N.L.Lipko, V.I.Teleshov, M.I.Pingin. Gidr.stroi. 30 no.6:13-17 Je '60.

MAMMALS see subdivision under Europe

MAMMALS--EMBRYOLOGY see Embryology--Mammals

MAMMALS--PARASITES see Parasites--Mammals

MAMMARY GLANDS
Influence of adrenaline on the motor function of the udder in goats. Kh.Diusembin. Trudy Inst.fiziol.AN Kazakh. SSR 2:120-127 '59.

MAMMOTH
The mammoth in the portrayal of upper paleolithic man. V.E.Garutt. Mat.i issl.po arkheol. 79:150-164 '60.

MAN--INFLUENCE OF CLIMATE see subdivision under Transbaikalia

MAN--ORIGIN
Use this book ("When man was not there" by Dimitr Angelov. Reviewed by V.M.Polevoi). Biol.v shkole no.3:80-81 My-Je '60.

MAN, PREHISTORIC
Australopithecus is an unquestionable ancestor of man. Ritaro Cony. V zashch.mira no.5:70-80 My '60.

MANCHURIA--FLEAS
Note of fleas of rodents of the Manchurian plain. V.V.Shkilev, I.F.Zhovtyi. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:324-325 '57.

MANCHURIA--MICE
Ecology of household mice in Manchuria. V.V.Shkilev. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:81-93 '58.

MANCHURIA--PLAGUE
Epidemiology of plague in the Central Manchurian focus. V.M.Popugailo. Izv.Irk.gos.nauch.-issl.protivochum.inst. 20:67-76 '59.
Pathoanatomical work in a plague outbreak in Manchuria. A.A.Florensov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 20:87-98 '59.

MANCHURIA--SUSLIKS
Biology of the Daurian suslik. I.F.Tereshchenko. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:227-228 '57.

MANGANESE-ALUMINUM-ZINC-MAGNESIUM ALLOYS see Magnesium-aluminum-zinc-manganese alloys

MANGANESE ORES see subdivision under Dnieper Lowland, Gornaya Shoriya

MANGANESE OXIDE
Removing an admixture of oxygen from gases by using a complex oxide ore. V.M.Kakabadze, V.T.Chagunava, N.M.Kordzakhiia. Soob.AN Gruz.SSR 24 no.4:401-406 Ap '60.

MANGANESE TUNGSTATE
Determination of the heats of formation of manganese and cobalt tungstates. A.N.[illegible] Zhur.neorg.khim. 5 no.5:1016-1021 My '60.

MANGYSHLAK PENINSULA--PALEONTOLOGY, STRATIGRAPHIC
Biostratigraphy of Maikop deposits in southern Mangyshlak. R.L.Merklin, V.G.Morozova, A.S.Stoliarov. Dokl. AN SSSR 133 no.1:[illegible] Jl '60.

MANN, THOMAS, 1875-1955
A change in Thomas Mann's conception of the world. V.Dneprov. Vop.lit. 4 no.8:90-121 Ag '60.

MANOMETER
Improve the quality of pressure measuring instruments. N.I.Zlokovskii. Izm.tekh. no.7:8-12 Jl '60.

MANUAL TRAINING
(see also subdivision under Bulgaria, Kopeysk)
Labor day in school. Boris Dunin [illegible] Je '60.
Work education of students in eight-year schools. A.S.[illegible], M.I.Rozenberg. Sov.pedag. 24 no.5:[illegible] My '60.

MANUAL TRAINING--CONGRESSES
Conference on technical education and work training of students. A.N.Lavrov. Biol.v shkole no.3:95-96 My-Je '60.

MANUSCRIPTS
Archaeographic expeditions of the Institute of Russian Literature during 1959. I.G.Zykov, A.M.Panchenko. Ist.arkh. 6 no.3:222-224 My-Je '60.

MANUSCRIPTS, GEORGIAN
New copy of the "Chronicle of Georgia" dating from [illegible] A.L.[illegible] Soob.AN Gruz.SSR 24 no.5:[illegible] My '60.

MANUSCRIPTS, GREEK (PAPYRI)
From the depths of ancient times. G.Fedorov. Znan.-sila 35 no.7:[illegible] Jl '60.

MANUSCRIPTS, MONGOLIAN
The historical chronicle of the [illegible] [with summary in English]. [illegible] Vest.LGU 15 no.14:[illegible] '60.

MANUSCRIPTS, PERSIAN
The first treatise of [illegible] [with summary in English]. [illegible] Vest.LGU 15 no.14:[illegible] '60.

MANUSCRIPTS, UZBEK
"Tarikhi Abu-l-Khair Khani" as a source [illegible] of nomadic Uzbeks. B.Akhmedov. Vest.LGU 15 no.14:[illegible] '60.

MANZHOLIN, NIKOLAI PLATONOVICH, 1908-
Genealogy of Captain [illegible] Sov.muz. 24 no.8:[illegible] '60.

MAPS
Assembly of aerial photos taken at high altitudes. A.G.[illegible] Geod.i kart. no.5:[illegible] '60.
Using complete [illegible] and contour maps in work with [illegible] school geography. A.A.[illegible] Geog.v shk. [illegible] '60.

MAPS--SYMBOLS
Establish permanent conventional signs. [illegible] Geod.i kart. no.5:[illegible] My '60.

MAPS, MILITARY
Training to move by azimuth. [illegible] 36 no.8:[illegible] Ag '60.

MARCEAU, MARCEL
Through the eyes of a motion picture camera. [illegible] Iskusstvo kino no.5:[illegible] My '60.

MARDAKERT DISTRICT--WHEAT--FERTILIZERS AND MANURES
Effect of fertilizers applied at the time of sowing [illegible] of irrigated winter wheat under conditions [illegible] Mardakert District. [illegible]

MARGUZOR REGION--GEOLOGY, STRATIGRAPHIC
Paleontologic correlation of the Marguzor [illegible] Cretaceous continental [illegible] strata [illegible] A.A.[illegible] Jl '60.

MARI A.S.S.R.--PUBLIC HEALTH, RURAL
Public health [illegible]

MARINAS see subdivision under Moscow region

MARINE DIESEL ENGINES
Building and operation on the Volga of diesel-electric propulsion plants. [illegible] '60.
Justification for use of the [illegible] propulsion [illegible] C.I.Antonov. [illegible] no.5:[illegible] '60.

MARINE DIESEL ENGINES--DESIGN
Conference dedicated to the [illegible] '60.

MARINE DIESEL ENGINES--LUBRICATION
New design of a water-type [illegible] Jl '60.

MARINE DIESEL ENGINES--[illegible]
[illegible]

MARINE ENGINEERING
[illegible]

MARINE [illegible]
[illegible]

MARINE FAUNA
[illegible]

MARINE [illegible]
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[illegible]

MA[illegible]
[illegible]

[illegible] of the Maritime Territory to drink human blood. V. V. Moskalenko. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:130-[illegible]

[illegible] of rodents in the southern part of the Maritime Territory. IU. A. [illegible]. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:117-151 '58

[illegible] fleas of the coastal region ([illegible]). V. V. Moskalenko. Izv. Irk. gos. nauch. -issl. protivochum. inst. [illegible]

[illegible] of temperature on the behavior of fleas following the death of their hosts. V. V. Moskalenko. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:103-101 '58

[illegible] fleas (Aphaniptera) among rodents of [illegible] in the southwestern part of the Maritime Territory. Report No. 2. P. I. Sychevskii. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:117-126 [illegible]

[illegible] fleas (Aphaniptera) of rodents in populated areas of the southwestern part of the Maritime Territory. First report. P. I. Sychevskii. Izv. Irk. gos. nauch. -issl. protivochum. inst. 16:[illegible] '57.

[illegible] for recording the number of fleas among rodents in the Maritime Territory. V. V. Moskalenko. Izv. Irk. gos. nauch. -issl. protivochum. inst. 17:127-130 [illegible]

[illegible] of fleas on the gray rat in populated areas of the [illegible] part of the coastal region ([illegible]) and some [illegible] to their change. I. F. Zhovtyi, IU. A. [illegible]. Izv. Irk. gos. nauch. -issl. protivochum. inst. [illegible] '58

MARITIME TERRITORY—LISTERIA
[illegible] and diagnosis of Listeria monocytogenes [illegible] from rodents. L. A. Timofeeva, V. IA. [illegible]. Izv. Irk. gos. nauch. -issl. protivochum. inst. [illegible]

MARITIME TERRITORY—NEMATODA
[illegible] in birds of the Maritime Territory. [illegible]. Trudy Gel'm. lab. 10:48-57 '60.

MARITIME TERRITORY—RADIOBROADCASTING
[illegible] no.14:77-78 Jl '60.

MARITIME TERRITORY—RIVERS
[illegible] discharge for rivers of the Maritime Territory. R. IA. [illegible]. Gidr. i mel. [illegible] no.6:[illegible] Je '60.

MARITIME TERRITORY—RODENTIA
[illegible] activity of rodents of the Maritime Territory. [illegible], V. V. Moskalenko. Izv. Irk. gos. nauch. -issl. protivochum. inst. 19:110-116 '58.

[illegible] of rodents of the Far East [illegible]. N. I. [illegible]. Izv. Irk. gos. nauch. -issl. protivochum. inst. 19:147-152 '58.

MARITIME TERRITORY—RUNOFF
[illegible] coefficient of annual runoff for [illegible] of the Maritime Territory. R. IA. [illegible]. [illegible] no.6:[illegible] '60.

MARITIME TERRITORY—SOCIAL CONDITIONS
[illegible] Kol'[illegible]

MARITIME TERRITORY—WAGES
[illegible] of wage commissions. I. Ko[illegible] no.5:[illegible] My '60.

MARITIME TERRITORY—WORMS, INTESTINAL AND PARASITIC
[illegible] fowl in the Maritime Territory. [illegible]. Trudy Gel'm. lab. 10:[illegible]

[illegible]

MARKETING, [illegible]
[illegible], M. [Marketing [illegible] in the U.S.S.R.] [illegible]. Moskva, Gos. izd-vo [illegible], 1959. 175 p.

[illegible]
[illegible] P. Dubova. Sov. [illegible]

MARKING DEVICES
[illegible] for marking lumber. P. V. Mynkin, [illegible] 31 no.7:31 Jl '60.

MARKING DEVICES—PATENTS
[illegible] of blocks. Stal' 20 no.[illegible] Ag '60.

MARKOV, GEORGII MOKEEVICH
[illegible] of life..." ("Salt of the earth" by [illegible] V. Pankov). Znamia 30 [illegible]

MARMOTS
(see also subdivision under Chatkal Range, Gorno-Altai [illegible] Mongolia, Transbaikalia, [illegible])

[illegible] "rotation" of chloropicrin [illegible]. P. I. Peshkov, V. M. [illegible]. Izv. Irk. gos. nauch. -issl. protivochum. inst. [illegible]

of poisoning from automobiles. N. V. Nekipelov, IU. I. Murotvortsev, G. P. Pletnikova. Izv. Irk. gos. nauch. -issl. protivochum. inst. 19:146-151 '58.

Method for calculating the number of marmots from an automobile. N. S. Tarasov. Izv. Irk. gos. nauch. -issl. protivochum. inst. 19:143-145 '58.

Storing up and expenditure of fat in marmots. D. I. Bibikov. Izv. Irk. gos. nauch. -issl. protivochum. inst. 16:32-38 '57

MARMOTS—DISEASES AND PESTS
(see also subdivision under Tien Shan)

Cytological data on experimental plague in long-tailed susliks and in marmots in relation to their fatness. N. V. Ol'kova. Izv. Irk. gos. nauch. -issl. protivochum. inst. 20:43-54 '59

Experimental plague among marmots and long-tailed susliks. I. I. Klets and others. Izv. Irk. gos. nauch. -issl. protivochum. inst. 20:15-30 '59

Role of the marmot in the preservation of plague infection during the interepizootic season. N. I. Makarov, E. P. Makarova. Izv. Irk. gos. nauch. -issl. protivochum. inst. 16:83-87 '57.

MARMOTS—PARASITES see Parasites—Marmots

MARNEULI DISTRICT—SERPENTINE
Taopl metasomatic serpentine. R. I. Makashvili. Soob. AN Gruz. SSR 24 no.4:423-428 Ap '60.

MARRIAGE
Lapin, K. K. [On love and friendship; based on the letters on military personnel] O druzhbe i liubvi; po pis'mam voennosluzhashchikh. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 52 p. (Biblioteka soldata i matrosa)

Unequal marriage. O. K. Nikonchik. Zdorov'e 6 no.7: 18-19 Je '60

Unfinished conversation. N. Likhacheva. Sem'ia i shkola 15 no.6:19-21 Je '60.

MARROW
Age characteristics of changes in the blood picture and bone marrow of white rats due to the action of cortisone [with summary in English]. Sun Len-fen. Fiziol. zhur. [Ukr.] 6 no.4:509-518 Jl-Ag '60.

Amitotic reproduction of the red marrow cells. M. T. Lutsenko. TSitologiia 2 no.3:261-265 My-Je '60.

Investigation of the reaction of animal marrow cells to the action of ionizing and ultraviolet radiation by means of ultraviolet and fluorescent microscopy. M. P. Bukhman, T. M. Kondrat'ova. TSitologiia 2 no.3:309-317 My-Je '60.

MARS (PLANET)
Degree of the evenness of continents and seas on Mars. I. K. Koval'. Izv. Kom. po fiz. plan. no.1:85-92 '59

Structure of surface layers on the moon and Mars. N. P. Barabashov, V. I. Garazha. TSir. Astron. obser. Khar'kov. no. 21:3-16 '60

MARTINU, BOHUSLAV, 1890-1959
Meeting for the last time with Martinu. I. Palenichek. Sov. muz. 24 no.7:181-185 Jl '60.

MARTITE see subdivision under Krivoy Rog Basin

MARX, KARL, 1818-1883
The first Bulgarian edition of Karl Marx's "Capital." Vop. ist. KPSS 4 no.1:178-179 '60.

A guidebook to "Das Kapital" (A. I. Reuel's "Classified and nominal index to the first volume of "Das Kapital" by Karl Marx." Reviewed by I. Vereshchagin). Polit. samoobr. 4 no.5:118-122 My '60.

Marx, Karl, and Friedrich Engels. [Karl Marx and Friedrich Engels on trade unions] K. Marks i F. Engel's o profsoiuzakh. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 357 p.

"Nauchno-informatsionnyi biulleten'" of the section on the Works of Karl Marx and F. Engels of the Institute of Marxism and Leninism attached to the Central Committee of the CPSU. V. A. Smirnova. Vop. ist. KPSS 4 no.4:219-222 '60

"Summary of the 'Correspondence between Friedrich Engels and Karl Marx, 1844-1883'" by V. I. Lenin. Reviewed by A. G. Khomenko. Nov. i noveish. ist. no.2: 175-177 '60.

MASERS
Ruby amplifier of radio signals. V. Braginskii, B. Bukhovtsev. IUn. tekh. 4 no.5:46-48 My '60.

MASLOV, EFIM VASIL'EVICH, 1890-
Efim Vasil'evich Maslov on his seventieth birthday. Vrach. delo no.6:655 Je '60.

MASLOV, MIKHAIL STEPANOVICH, 1885-
Mikhail Stepanovich Maslov. Vop. okh. mat. i det. 5 no.3:3-6 My-Je '60.

MASONRY
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Masonry work and assemblage of precast construction elements] Kamennye raboty i montazh sbornykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 253 p.

Application of mass spectrometers with inhomogeneous magnetic fields to gas analysis [with summary in English]. N. E. Alekseevskii, A. V. Dubrovin, G. E. Karstens. Zhur. fiz. khim. 34 no.6:1275-1279 Je '60.

Mass spectrometer with a high-vacuum mass analyzer. G. IA. Pikus. Prib. i tekh. eksp. no.2:104-106 Mr-Ap '60

Mass-spectrometric determination of the isotopic composition of oxygen in sulfuric acid. V. M. Smirnov, V. I. Karpunin. Zav. lab. 26 no.7:831 '60

Multispectrograph, a new magnetic analyzer of charged products of nuclear reactions. IU. A. Nemilov, V. F. Litvin. Prib. i tekh. eksp. no.2:32-34 Mr-Ap '60

MASS TRANSFER
Application of the shadow method of determining optical heterogeneity to investigations of mass transfer through the boundary separating the phases [with summary in English]. H. Linde. Koll. zhur. 22 no.3:323-333 My-Je '60.

Brief news. B. M. Smol'skii. Inzh. -fiz. zhur. no.7: 139-140 Jl '60.

Determining the coefficient of the temperature gradient [with summary in English]. A. V. Kukushkin. Inzh. -fiz. zhur. no.6:91-93 Je '60.

Effect of the internal heat and mass exchange on the migration of mineral substances in wheat grain undergoing hydrothermal conditioning [with summary in English]. L. D. Kazakov, I. A. Sakharova. Inzh. -fiz. zhur. no.6: 91-98 Je '60.

General equations for mass transfer processes. V. V. Kafarov. Zhur. prikl. khim. 33 no.7:1195-1199 Jl '60.

Generalized definition of the efficiency coefficient of plates in rectification columns. A. S. Vigdorov, V. V. Kafarov. Zhur. prikl. khim. 33 no.5:1091-1101 My '60.

Generalized expression for determining the number of transfer units. V. V. Kafarov, A. S. Vigdorov. Zhur. prikl. khim. 33 no.7:1506-1513 Jl '60

New construction to the theory of heat and mass exchange. P. K. Konakov. Izv. ASiA no.2:126-127 '60.

New method of determining the coefficients of mass transfer [with summary in English]. A. V. Kukushkin. Inzh. -fiz. zhur. no.2:90-93 F '60.

Role of mass transfer processes in the catalytic oxidation of naphthalene into phthalic anhydride. M. G. Slin'ko. Khim. prom. no.1:24-25 Ja-F '60.

MASURIAN LAKES—WORMS, INTESTINAL AND PARASITIC
Parasitic cycle in natural bodies of water. V. L. Vishnevskii. Trudy Gel'm. lab. 10:71-84 '60.

MATCH INDUSTRY
(see also subdivision under White Russia)

Automatic control of drying systems for drying match boxes and sticks. A. K. Gashkova, S. M. Smirnov. Der. prom. 9 no.5:4-5 My '60

MATERIALS
The role of materials in technological progress. R. Krivokorytova. Polit. samoobr. 4 no.6:137-142 Je '60

MATERIALS—DETERIORATION
Chemical means of protecting nonmetallic materials from destruction by micro-organisms. N. N. Mel'nikov, I. L. Valdimirova, S. N. Ivanova. Khim. prom. no.1: 81-85 Ja-F '60.

MATERIALS—DRYING
Effect of contact heat supply during the radiation drying of moist materials [with summary in English]. P. D. Lebedev, S. V. Shishkov. Inzh. -fiz. zhur. no.7:17-21 Jl '60.

MATERIALS—INVENTORIES
On an inventory of material resources. IU. Vasil'ev, V. Zaitsev. Vest. stat. no.7:10-27 '60.

MATERIALS—OPTICAL PROPERTIES
Nomograms for determining the optical constants of light absorbing substances according to the Avery method [with summary in English]. A. P. Prishivalko. Inzh. -fiz. zhur. no.2:83-85 F '60.

MATERIALS—TESTING
"Investigation of materials by means of X and gamma rays" by V. Gaidovskii. Reviewed by V. S. Tokmakov. Zav. lab. 26 no.7:910-911 '60

MATHEMATICAL ANALYSIS
Fikhtengol'ts, G. M. [Fundamentals of mathematical analysis] Osnovy matematicheskogo analiza. Izd. 4., stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry. Vol. 1, 1960. 444 p.

MATHEMATICAL DRAWING see Geometrical drawing

MATHEMATICAL PHYSICS
Asymptotic decomposition of Chaplygin functions. S. V. Fal'kovich. Izv. vys. ucheb. zav.; mat. no.2:209-212 '60.

Contribution to the proof of double spectral representations. A. V. Astakhov. Dokl. AN SSSR 133 no.2:307-310 Jl '60.

MATHEMATICAL PHYSICS (Continued)

Limiting solutions to a nonlinear equation of the parabolic type. R. M. Zaidel', K. A. Semendiaev. Dokl. AN SSSR 133 no.2:311-314 Jl '60.

"Nonphysical" thresholds in the perturbation theory. O. I. Zav'ialov. Dokl. AN SSSR 133 no.1:64-67 Jl '60.

Point source of light in an absorbing medium between parallel planes. I. N. Minin. Dokl. AN SSSR 133 no.1:74-76 Jl '60.

Recurrent construction of angular operators. Part 1 [with summary in English]. J. Fischer, S. Ciulli. Zhur. eksp. i teor. fiz. 38 no.6:1740-1750 Je '60.

Spurious states and the crossing symmetry condition. V. D. Kukin, A. R. Frenkin. Dokl. AN SSSR 133 no.1:49-51 Jl '60.

Structure of nonrelativistic counter-terms. B. M. Stepanov. Dokl. AN SSSR 133 no.3:547-549 Jl '60.

Sufficient conditions for the solvability of a multidimensional problem of moments. G. I. Eskin. Dokl. AN SSSR 133 no.3:540-543 Jl '60.

MATHEMATICAL PHYSICS—CONGRESSES

Conference on the theory of dispersion relations. V. Biriukov. Atom. energ. 9 no.1:71-72 Jl '60.

MATHEMATICAL RESEARCH see subdivision under Ukraine

MATHEMATICAL STATISTICS

Solonin, I. S. [Mathematical statistics in the technology of the manufacture of machinery] Matematicheskaia statistika v tekhnologii mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 174 p.

MATHEMATICS

Holovetko, A. H. [Mathematical treatment of experimental data] Matematicheskaia obrabotka opytnykh dannykh. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 115 p.

[Mathematics; translations of foreign articles.] Matematika, periodicheskii sbornik perevodov inostrannykh statei. 4 no.4 Jl-Ag '60.

"Research in the history of mathematics," nos. 6-11. [illegible] Vop. ist. est. i tekh. no.9:169-170 '60.

Work of a meeting on the history of mathematics at the Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R. Reviewed by V. A. Dobrovol'skii, T. V. Pailaia, N. I. Simonov. Vop. ist. est. i tekh. no.9:160-161 '60.

Zel'dovich, IA. B. [Higher mathematics for beginners and its applications in physics] Vysshaia matematika dlia nachinaiushchikh i ee prilozheniia k fizike. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 460 p.

MATHEMATICS—DICTIONARIES

Rudyaenko, E. I., and others, comps. [Russian-Ukrainian mathematics dictionary, 12,000 words] Russko-ukrainskii matematicheskii slovar', 12000 terminov. Izd-vo Akad. nauk USSR, 1960. 120 p.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Shakhno, K. U. [Textbook on mathematics for persons entering institutions of higher learning; problems presented on competitive examinations and their solutions] Posobie po matematike dlia postupaiushchikh v vysshie uchebnye zavedeniia, sbornik konkursnykh zadach po matematike s resheniiami. Izd.4. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 233 p.

MATHEMATICS—STUDY AND TEACHING

(see also subdivision under Anzhero-Sudzhensk)

Organizing the teaching of mathematics. K. D. Khenner. Obshcheobr. shkola za rub. no.1:70-74 Ja-F '60.

MATHEMATICS—TABLES, ETC.

Airapetov, A. M. [Tables for computing the annual average rates of growth, increase and reduction] Tablitsy ischisleniia srednegodovykh tempov rosta, prirosta i snizheniia; dlia ekonomiko-statisticheskikh raschetov. Moskva, Gos. stat. izd-vo, 1960. 61 p.

MATRICARIA see subdivision under Kula District

MATRICES

Questions on coordinated control systems [with summary in English]. E. M. Sluzhanova. Avtom. i telem. 21 no.6:749-760 Je '60.

MATTER

Meliukhin, S. T. [Dialectics of the development of inorganic nature] O dialektike razvitiia neorganicheskoi prirody. Moskva, Gos. izd-vo polit. lit-ry, 1960. 242 p.

MATURATION (PSYCHOLOGY)

Observations of the development of voluntary activity in early childhood. Report No. 2: Correlation of afferent systems at consecutive stages in the formation of voluntary activity. A. R. Luriia, A. G. Poliakova. Dokl. APN no.4:57-62 '59.

MATVEEV, BORIS STEPANOVICH, 1889-

Boris Stepanovich Matveev; on his 70th birthday. A. G. Bannikov. Biul. MOIP. Otd. biol. 65 no.1:147-150 Ja-F '60.

MAWSON STATION REGION—HYDROGRAPHY

Course taken by the diesel-electric ship "Ob'" in approaching the Australian base at Mawson Station. V. N. Mal'tsev. Inform. biul. Sov. antark. eksp. no.10:10-13 '60.

MAY DAY (LABOR HOLIDAY)

Festival of workers of the whole world. IA. Straikh. Otv. na vop. trud. no.11:56-64 '60.

Glorious 70th anniversary. Vest. AN Kazakh. SSR 16 no.5:3-6 My '60.

MAYMECHA VALLEY—ROCKS, IGNEOUS—MAGNETIC PROPERTIES

Age of alkali ultrabasic rocks in the Maymecha-Kotuy region based on the studies of their residual magnetism. B. V. Gusev. Inform. biul. NIIGA no.14:30-33 '59.

MBAYA INDIANS see subdivision under British Guiana

MEADOW GRASS

Morphological features of the formation of reproductive organs in Poa bulbosa L. T. G. Popultina. Bot. zhur. 45 no.7:1042-1050 Jl '60.

MEADOWS see Pastures and meadows

MEASLES

Cytoscopic diagnosis of measles. G. V. Platonova. Zdravookhranenie 3 no.3:18-20 My-Je '60.

Inoculation to patients caused by the use of preventive serum for measles. I. N. Rudenskaia. Vop. okhr. mat. i det. 5 no.3:41-45 My-Je '60.

MEASUREMENT OF THICKNESS see Thickness measurement

MEASURING INSTRUMENTS

(see also subdivision under Jena; Kiev)

Aleksandrovskii, IU. V., and IU. V. Razumov. [Measurement of heat processes in marine steam power plants] Teplotekhnicheskie izmereniia v sudovykh parosilovykh ustanovkakh, spravochnoe posobie. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 357 p.

Classification and precision analysis of various index plus. A. I. Ponosov. [illegible] '60.

Efficient control instruments for the machinery industry. D. D. Malyi. Mekh. i avtom. proizv. 14 no.6:30-31 Je '60.

Koz'mitchev, V. T. [Methods and means for active control of dimensions in the manufacture of machinery] Metody i sredstva aktivnogo kontrolia razmerov v mashinostroenii. Moskva, Mosk. dom nauchno-tekhn. propagandy im. F. E. Dzerzhinskogo, 1957. 61 p. (Stenogramma lektsii)

Measures and measuring instruments approved by the Committee on the basis of the results of their official testing and permitted to be used in the U.S.S.R. Izm. tekh. no.7:64 Jl '60.

Measures and measuring instruments excluded from the State register. Izm. tekh. no.7:64 Jl '60.

New devices for checking machined surfaces. I. A. Saltykov. Mashinostroitel' no.7:44 Jl '60.

Scientific technical conference on flexible sensitive elements. A. I. Chinaev. Izm. tekh. no.7:61 Jl '60.

Shteinberg, N. L. [Using radioactive radiation in measuring equipment] Primenenie radioaktivnykh izluchenii v izmeritel'noi tekhnike. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 287 p.

Structural analysis of the static precision of instruments with feedback. D. A. Braslavskii. Izv. vys. ucheb. zav.; prib. [illegible] 95-104 '58.

Units of pneumatic measuring systems. [illegible], A. D. Lind, I. M. Tishchul'nikov. Stan. i instr. 31 no.7:25-27 Jl '60.

MEASURING INSTRUMENTS—STANDARDS

Devices for checking bevel gears. N. N. Markov, M. A. Palei. Standartizatsiia 24 no.6:47-51 Je '60.

New standards for measures and measuring instruments approved by the Committee. Izm. tekh. no.7:63 Jl '60.

MEASURING INSTRUMENTS—TESTING

Carrying out organized inspections. M. S. Ibel'. Izm. tekh. no.7:55-56 Jl '60.

Check sheets developed by the All-Union Scientific Research Institute of Metrology. K. P. Shirokov. Izm. tekh. no.7:12-16 Jl '60.

MEASURING WORM

The measuring worm Acidalia herbariata F. (Lepidoptera, Geometridae) [with summary in English]. V. I. Tuzov. Zool. zhur. 39 no.6:937-940 Je '60.

MEAT—PRESERVATION

Contact freezing [in liquid] of ground meat and preparation of blocks from the frozen mass. V. M. Chikov. Sbor. nauch. rab. Len. inst. sov. torg. no.17:104-110 '59.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Gal'kin, V. D., and V. N. Oddarov. [Effective dimensioning and indication of tolerances in mechanical drawings] Ratsional'naia postanovka razmerov i dopuskov na chertezhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 150 p.

[MECHOPH M]

Letters to the editor. [illegible] V. V. Kulisadze, [illegible] '60.

Mechanical drawings [illegible]

Mo[illegible], I. M. [Mechanical drawing] [illegible] 488 p.

MECHANICAL DRAWING—STUDY AND TEACHING

[illegible]

MECHANICAL ENGINEERING

(see also subdivision under [illegible])

[illegible]

[illegible]

[illegible]

[illegible]

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MECHANIZATION, MILITARY

[illegible]

METALS

[illegible]

Faculty

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Moscow

MEDICAL ELECTRONICS

Recent developments in science and technology. M.Teterin. Nauka i zhyttia 10 no.6:39-40 Je '60.

MEDICAL EMERGENCIES see subdivision under Moscow

MEDICAL INSTRUMENTS AND APPARATUS

Diagnosis by instruments. G.Novinskii, L.Vorob'ev, I.Vorob'eva. Izobr.i rats. no.8:12-14 Ag '60.

Exhibition of the results of the work of the All-Union Research Institute on Medical Instruments and Equipment. B.N.Nikol'skii. Voen.-med.zhur. no.5:95-96 My '60.

New medical technology. M.G.Anan'ev. Med.sestra 19 no.8:25-30 Ag '60.

MEDICAL JURISPRUDENCE

Evaluation of the position of the body and the clothing of a corpse in death caused by low temperature. O.B. Mirak. Zdrav.Belor. 4 no.3:37-39 Mr '58

MEDICAL LABORATORIES

(see also subdivision under Ukraine, White Russia)

Reply to readers. Lab.delo 6 no.3:63 My-Je '60.

MEDICAL MYCOLOGY

Akademiia nauk URSR, Kiev. Instytut mikrobiologii. [Mycotoxicoses in man and farm animals] Mikotoksikozy cheloveka i sel'skokhoziaistvennykh zhivotnykh. Pod red. V.I.Bilai. Kiev, 1960. 166 p.

MEDICAL PERSONNEL

(see also subdivision under White Russia)

Answers to questions. Zdrav.Belor. 4 no.3:70 Mr '58.

Legal consultation. A.V.Rott. Vrach.delo no.6:671-672 Je '60.

Legal consultation. A.V.Rott. Vrach.delo no.7:757-758 Jl '60.

MEDICAL PHOTOGRAPHY see Photography, Medical

MEDICAL RECORDS

Our proposal for a card register of preventive inoculations given to children. A.N.Adamchenko. Zdrav. Belor. 4 no.3:43-44 Mr '58.

MEDICAL RESEARCH

Bakulev, A.N. [Basic results of research of the Academy of Medical Sciences of the U.S.S.R. for 1958] Osnovnye itogi nauchnykh issledovanii Akademii meditsinskikh nauk SSSR za 1958 g. Moskva, Gos.izd-vo med.lit-ry, 1959. 74 p.

MEDICAL SOCIETIES see subdivision under Kharkov

MEDICAL SUPPLIES see subdivision under Leningrad Province

MEDICAL TESTS

Diphenylamine reaction, McClure-Aldrich test, and Nesterov's test in staphylococcus pneumonia among breast-fed children with rickets. S.G.Lazarev. Zdravookhranenie 3 no.3:14-18 My-Je '60.

Use of the water test in disability evaluation as a method for studying functional disturbances in patients with chronic pneumonia and bronchiectasis. I.I.Likhnitskaia. Trudy LIETIN 3:123-130 '59.

MEDICINE

(see also subdivision under Kazakhstan; Poland; Tatar A.S.S.R.; Ukraine)

"Collection of papers based on the experience of Mogilev Province physicians" edited by A.M.Rusanovich and G.M.Kalina. Reviewed by O.G.Pilnan. Zdrav.Belor. 4 no.3:71-73 Mr '58.

In the name of life ("Feats of Russian doctors" by G.M. Vasilenko. Reviewed by S.I.Smoglyi). Priroda 49 no.7:124-125 Jl '60.

Kavets'kyi, R.IE., and K.P.Balyts'kyi. [Contribution of scientists of the Academy of Sciences of the Ukrainian S.S.R. to the development of medicine] Vklad uchenykh Akademii nauk Ukrains'koi RSR v rozvytok medytsyny. Kyiv, Vyd-vo Akad.nauk URSR, 1957. 103 p.

Maiskii, I.N. [Biology and medical progress] Biologiia i progress meditsiny. Moskva, 1960. 45 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8, Biologiia i meditsina, no.10)

Tashkent. Meditsinskii institut. [Review of the Tashkent Medical Institute] Obzor. Tashkent, Gosizdat UzSSR, 1958] 17 p.
(DNLM)

Vinogradov, N.A. [Development of medical science in the R.S.F.S.R., 1959-1965] Razvitie meditsinskoi nauki v RSFSR, 1959-1965 gg. Moskva, Gos.izd-vo med.lit-ry, 1960. 45 p.

[Medical abstracts.] Meditsinskii referativnyi zhurnal sect.1 vol.4 no.7 Jl '60; sect.2 vol.4 no.8 Ag '60; sect.3 vol.4 no.8 Ag '60, sect.4 vol.4 no.8 Ag '60; sect.5 vol.4 no.8 Ag '60, sect.7 vol.4 no.7 Jl '60; sect.8 vol.4 no.7 Jl '60, sect.9 vol.4 no.7 Jl '60.

[Medical abstracts.] Meditsinskii referativnyi zhurnal sect.6 vol.4 no.8 Ag '60; sect.9 vol.4 no.8 Ag '60, sect.10 vol.4 no.8 Ag '60.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—HANDBOOKS, MANUALS, ETC.

Nikitin, B.A., L.S.Shvarts, and I.S.Lobko, eds. [Concise medical reference book] Kratkii terapevticheskii spravochnik. Izd.3., ispr.i dop. [Saratov] Saratovskoe knizhnoe izd-vo, 1959. 619 p.
(DNLM)

MEDICINE—STUDY AND TEACHING see subdivision under Kazakhstan, Smolensk

MEDICINE, INDUSTRIAL see subdivision under Ukraine

MEDICINE, INTERNAL

"Clinical lectures on internal diseases," Part 1, by A.I.Gefter. Reviewed by A.IA.Gubergrits. Kaz.med. zhur. 40 no.5:124-125 S-O '59.

"Concise manual on emergency diagnosis and treatment of internal diseases" by N.IA.Chervinkovskii. Reviewed by I.L.Blitch, A.M.Miloslavskaia. Kaz.med. zhur. 40 no.5:132-124 S-O '59.

Lushnikov, A.G. [Clinical treatment of internal diseases in Russia during the first half of the 19th century] Klinika vnutrennikh boleznei v Rossii pervoi poloviny XIX veka. Moskva, Medgiz, 1959. 202 p.
(DNLM)

Vogralik, V.G. [Clinical lectures on internal diseases] Klinicheskie lektsii po vnutrennim bolezniam. [Gor'kii] 1958. 1 v.
(DNLM)

MEDICINE, MILITARY

Clinical and expert evaluation of cardiac murmurs in draftees. L.D.Karpilovskii. Voen.-med.zhur. no.5: 43-46 My '60.

Fitness for military service of subjects with chronic suppurative otitis. D.A.Smuzikov. Voen.-med.zhur. no.5:57-58 My '60.

Measurement of the degree of motion in joints during the examination of military personnel and recruits. E.R. Tkachenko, V.A.Boiko. Voen.-med.zhur. no.5:48-53 My '60.

Medical care for officers' families in a remote garrison. Voen.-med.zhur. no.6:23-24 Je '60.

Training of personnel with the aid of models of medical equipment. I.A.Petiunin. Voen.-med.zhur. no.6:79 Je '60.

Use of colored stamps in medical classification. D.D. Marshalkovich. Voen.-med.zhur. no.6:21-22 Je '60.

MEDICINE, NAVAL

Organization of rest in sanatoria for submarine personnel at a base. L.A.Kudel'skii, I.M.Kravets. Voen.-med. zhur. no.6:52-53 Je '60.

MEDICINE, PREVENTIVE

"Become acquainted with your friends!" by A.L.Cherniakhovskii. Reviewed by I.A.Kassirskii. Zdorov'e 6 no.7:30 Jl '60.

MEDICINE, RURAL see subdivision under Khomutovo

MEDIO, DOLORES

Madrid. 1953 ("Government workers", a novel by Dolores Medio. Reviewed by V.IAsnyi). Novyi mir 36 no.6 263-265 Je '60

MEDULLA OBLONGATA—SURGERY

Sequelae of lateral hemisection of the medulla oblongata in puppies and adult dogs [with summary in English]. E.A.Asratian, L.S.Goncharova. Biul.eksp.biol.i med. 49 no.1 30-34 Ja '60.

MEDVEDEVA, NINA BORISOVNA, 1899-

Sixtieth birthday of Nina Borisovna Medvedeva, corresponding member of the Academy of Sciences of the Ukrainian S.S.R. R.B.Strakhova, O.S.Shur'ian Fiziol.zhur.[Ukr.] 6 no.3:425-426 My-Je '60.

MEDYNSKII, GRIGORII ALEKSANDROVICH, 1899-

A discussion across the ocean. Grigorii Medynskii. Inostr.lit. no.8:245-249 Ag '60.

MEKHMANA REGION—PLATTNERITE

Plattnerite in lead-zinc ores of the Mekhmana deposit [in Azerbaijani with summary in Russian]. T.A. Khalilova. Dokl.AN Azerb.SSR 16 no.4:363-366 '60.

MELANESIA—KINSHIP

Australian and Melanesian kinship systems of the Turanian-Ganowanian type and their dependence upon the division of community into groups. IU.M.Likhtenberg. Trudy Inst.etn. 54:215-240 '60.

Dolinluk, E.A. [Corn is a high-yield crop; practices of a field team on the Stalin Collective Farm in the Mel'nitsa-Podol'skaya District, Ternopol Province] Kukuruza - vysokourozhainaia kul'tura; opyt zven'evoi kolkhoza imeni Stalina Mel'nitse-Podol'skogo raiona Ternopol'skoi oblasti. Pod obshchei red.V.G.Vol'skogo. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.5, Sel'skoe khoziaistvo, no.13)
(DA)

MEMORY

Electricity revives memories. P.Oreshkin. IUn.tekh. 4 no.5:27 My '60.

I.M.Sechenov's theory of the memory of a child. A.I. Lipkina, M.G.IAroshevskii. Nach.shkola 28 no.6: 67-72 Je '60.

Involuntary and voluntary retention in the process of learning. P.I.Zinchenko. Sov.pedag. 24 no.5 98-106 My '60

Memory. IU.B.Rozinskii, V.P.Shershakov. Zdorov'e 6 no.6 1-6 Je '60

Problem of "cooperation" between the involuntary and voluntary retention. P.I.Zinchenko. Dokl.APN no.1 43-46 '60

Problem of latent memorization. IU.V.Idashkin. Dokl. APN no.2:65-68 '60.

MENA DISTRICT—BRONZES

Findings of bronze ornaments in Mena and Sosnitsa Districts. IU.S.Vinogradskii, D.I.Lav'iuk. Krat. soob.Inst.arkheol AN URSR no.9:96-98 '60.

MENENDEZ, RAMON PIDAL, 1869-1959

Celebration in honor of Ramon Menendez Pidal. Vest. Mosk.un.Ser.7: Filol.,zhur. no.1:82-83 '60.

MENINGES—TUBERCULOSIS

(see also subdivision under Moldavia)

Cardiovascular system in tuberculous meningitis in adults. V.P.Rudin, P.V.Sin'kovskii, A.F.Poddubnyi. Pat.,klin.i terap.tub. no.6:58-63 '58.

Clinical aspects of tuberculous meningitis developing in patients with pulmonary tuberculosis during intramuscular streptomycin therapy. R.A.Tuia. Pat.,klin.i terap.tub. no.6:46-53 '58.

Digestive apparatus in tuberculous meningitis in adults. V.P.Rudin. Pat.,klin.i terap.tub. no.6:69-74 '58.

Dynamics of the cerebrospinal fluid in children with tuberculous meningitis treated with streptomycin. Zdrav.Kazakh. 18 no.1:50-53 '58.

Immediate and late results of treating children with tuberculous meningitis. G.A.Smorchkova. Pat.,klin i terap.tub. no.6 96-99 '58.

Late results of tuberculous meningitis in children. L.V. Pototskaia-Makarova. Vop.okh.mat.i det. 5 no.3 49-56 My-Je '60

Mixed form of tuberculous meningitis in adults. V.P. Rudin. Pat.,klin.i terap.tub. no.6:64-67 '58.

Nervous and endocrine disorders in the clinical aspects of tuberculous meningitis in adults. R.I.Kens. Pat., klin.i terap.tub. no.6:54-56 '58.

Pathological fractures of the knee bones following tuberculous meningoencephalitis. I.K.Gorel'chik. Zdrav. Belor. 4 no.3:57 Mr '58.

Phagocytic capacity of leucocytes in patients with tuberculous meningitis. I.L.Andel. Pat.,klin.i terap.tub. no.6:57 '58.

Pokrovskaia, T.I. [Tuberculous meningitis in children] Tuberkuleznyi meningit u detei. Frunze [Kirgizgosizdat] 1959. 22 p.
(DNLM)

Some biochemical indicators in the cerebrospinal fluid of tuberculous meningitis patients. M.A.Chertkova. Pat.,klin.i terap.tub. no.6:46-47 '58.

Treatment of children with tuberculous meningitis without subarachnoidal use of medicinal substances or by use of a small amount. I.IA.Shor, M.A.Dashevskaia. Zdravookhranenie 3 no.3:35-39 My-Je '60.

MENINGITIS

Study of the effectiveness of crystallomycin, erythromycin, mycerin, and sokazine in experimental meningitis [with summary in English]. V.F.Imshenetskaia. Antibiotiki 5 no.1:116-121 Ja-F '60.

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MENSURATION

Decisions of the July Plenum of the Central Committee of the CPSU and the objectives of mensuration workers. Izm.tekh. no.7:1-2 Jl '60.

Zimin, A.P., and A.V.Ignatov. [Inspecting engineer; textbook for inspectors of mechanical shops] Kontroler-mashinostroitel'; posobie dlia kontrolerov mekhanicheskikh tsekhov. Izd.4., ispr.i dop. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 327 p.
[MICROFILM]

MENSURATION—CONGRESSES

The third session of the International Committee of Legislative Metrology. Izm.tekh. no.7:3-5 Jl '60.

MENTAL DEFICIENCY

Functional disorder of the second signal system in oligophrenic children A I Meshcheriakov Dokl APN no 1 107-110 '60

Pathology of the compound forms of higher nervous activity in oligophrenia. I. A. Molotkova. Dokl. APN no. 4 125-128 '59.

Some peculiarities of higher nervous activity in imbecility A L Gamburg Dokl APN no 1 111-115 '60

MENTAL ILLNESS

Disability evaluation problems in psychopathy. A. S. Borzunova, M. M. Tepina. Trudy LIETIN 2·225-231 '59.

Rokhlin, L. L. [Soviet medicine in the control of mental diseases] Sovetskaia meditsina v bor'be s psikhicheskimi bolezniami. Izd. 3., ispr. i dop. Moskva, Gos. izd-vo med. lit-ry, 1960. 129 p. (Nauchno-populiarnaia meditsinskaia literatura)

MENTALLY HANDICAPPED CHILDREN

Combination of different systems of connection in mentally retarded children Report no 2 E D Khomskaia Dokl APN no 1 117-121 '60

Increase in motivation during the instruction of mentally retarded children with impaired working capacity. N. B. Lur'e. Dokl. APN no. 2 117-120 '60.

MENTALLY HANDICAPPED CHILDREN—EDUCATION

Controversial aspects of teaching mute children who can hear V K. Orfinskaia. Uch. zap Ped inst Gerts. 171·191-205 '59

Phonetical speech defects of oligophrenic and allied student groups in the schools for mentally handicapped children M E. Khvatsev Uch zap. Ped inst Gerts 171 225-262 '59

Types of the motor and optical alalia V K Orfinskaia Uch. zap Ped inst Gerts 171 207-223 '59

MENTALLY HANDICAPPED CHILDREN—REHABILITATION

Organizing work with stammering children under the conditions of a school logopedic clinic L G Paramonova. Uch zap Ped inst Gerts 171·283-300 '59

Working with stammering children at logopedic clinics L. G Paramonova. Uch. zap Ped inst Gerts. 171 263-282 '59.

MERCANTILE BUILDINGS

Designs of mercantile buildings and buildings serving cultural and public needs. Stroi. i arkhit. Len. 22 no.7· 30-31 '60.

Stores with large halls without interior supports A Obraztsov Stroi i arkhit Mosk 9 no 5 29-30 My '60.

MERCAPTANS see Thiols

MERCAPTO GROUP

Comparative histochemical investigation of the sulfhydryl groups in smooth muscle. M. V. Shornikova. TSitologiia 2 no.3 325-336 My-Je '60

Relation between phototaxis in some crustaceans and the state of sulfydryl groups in some protein bodies [with summary in English]. N. A. Smirnova. Zool. zhur. 39 no. 7:1012-1017 Jl '60.

Relation between the slow rhythm of periodical activity of Anodonta cygnea and the state of sulfhydryl groups in protein bodies [with summary in English]. IA Shalanki. Zhur. ob. biol. 21 no. 3 220-232 My-Je '60.

MERCERIZATION

Adoption of a continuous unit for the mercerization of cellulose S. M Geisberg and others Khim volok no 3 51-55 '60

MERCHANT MARINE

(see also subdivision under United States)

Data on merchant ship launchings in foreign countries, in 1959 [from "Lloyd's Register" February 1960]. Sudostroenie 26 no. 6 70-73 Je '60.

MERCHANT SEAMEN

Far away from native shores. E. Tkachenko. NTO 2 no 7:47 Jl '60

MERCURY

Diffusion of mercury atoms into selenium. M. V. Reznik, M. I. Korsunskii. Izv. vys. ucheb. zav., fiz. no. 3:107-111 '60.

Higher mercury content of fault zones in certain sulfide deposits. N A. Ozerova. Geol rud. mestorozh. no. 3: 88-95 My-Je '60.

Reactions of ditertiary butyl peroxide with mercurous and mercuric acetates, with mercuric benzoate, and with metallic mercury. IU. A. Ol'dekop, M. M. Azanovskaia. Zhur. ob. khim. 30 no 7:2291-2294 Jl '60.

MERCURY—ANALYSIS

Amperometric method of determining mercury on a rotating platinum electrode V. A. Zakharov, O. A. Songina, L. N. Terzeman. Zav lab. 26 no 7,787-792 '60.

MERCURY ACETATE

Effect of the initiator, temperature, and medium on induced chain decomposition of mercury acetate. IU. A. Ol'dekop. Dokl. AN BSSR 4 no. 6·248-252 Je '60.

Reactions of ditertiary butyl peroxide with mercurous and mercuric acetates, with mercuric benzoate, and with metallic mercury. IU. A. Ol'dekop, M. M. Azanovskaia. Zhur. ob. khim. 30 no 7:2291-2294 Jl '60.

MERCURY NITRATE

Use of thiosemicarbazides in analysis Report No 3 Titrimetric determination of thiosemicarbazides with mercuric nitrate [with summary in English] N V Koshkin Zhur anal khim 15 no 2 147-150 Mr-Ap '60

MERCURY ORES see subdivision under Privetnyy (Crimea)

MERCURY ORGANIC COMPOUNDS

Esters of phosphoric acids with mercury-containing radicals. M. S. Malinovskii, D. G. IUrko, V. B. Tul'chinskii. Zhur. ob. khim. 30 no. 7 2170-2171 Jl '60.

MERCURY-POTASSIUM ALLOYS see Potassium-mercury alloys

MERCURY THIOCYANATE

Effect of the nature of the solvent upon the formation of thiocyanate complexes of divalent mercury. A. M. Golub, L. I. Romanenko. Zhur. neorg. khim. 5 no. 5:1085-1089 My '60.

MERGANSERS see subdivision under Issyk-Kul' region

MERKE DISTRICT—AGRICULTURE—ACCIDENTS

Prevention of traumatism in agricultural production. A. K. Klatt. Zdrav. Kazakh. 18 no. 1·18-22 '58.

MESA VERDE NATIONAL PARK—INDIANS OF NORTH AMERICA—DWELLINGS

Who lived in the Mesa Verde caves? E. Aleksandrov. Vokrug sveta no. 6·28 Je '60.

MESHCHERA—DRAINAGE

Grooved wood drains in the Meshchera Lowland. V. I. Antonov. I. V. Bogomolov. Gidr. i mel. 12 no. 7:47-52 Jl '60.

MESHCHERA LOWLAND—PALEOBOTANY, STRATIGRAPHIC

History of vegetation in the Meshchera Lowland during the Holocene. A. A. Aseev, G. N. Lisitsyna. Dokl. AN SSSR 133 no. 4:905-908 Ag '60

MESHKOV, VASILII VASIL'EVICH, 1893-

Landscape paintings of three Soviet masters. IU. Osmolovskii. Iskusstvo 23 no. 5 28-34 '60.

MESITYLENE

Cyclopropylmesitylene and p-cyclopropylcumene. R. IA. Levina and others. Zhur. ob. khim. 30 no. 7·2435-2436 Jl '60.

MESONS

Creation of antiprotons in the interaction of π^--mesons with nucleons Van Gan-chan and others. Zhur eksp. i teor fiz 38 no 3 1010-1011 Mr '60

D-mesons [with summary in English]. Sian' Din-chan Zhur eksp i teor fiz 38 no 5 1627-1629 My '60.

Energy levels of μ-mesic atoms [with summary in English] N I Zhirnov. Zhur eksp i teor fiz. 38 no 3 959-962 Mr '60

Energy losses of fast μ-mesons in thick layers of matter [with summary in English]. M. I. Daion. Zhur. eksp. i teor. fiz. 38 no. 6.1668-1672 Je '60.

Experimental investigation of the energy spectrum of the penetrating component in extensive showers [with summary in English] E. L Andronikashvili. R. E. Kazarov. Zhur eksp i teor. fiz 38 no 3 703-707 Mr '60

Form factor and μ-meson capture by light nuclei with spin $\frac{1}{2}$ [with summary in English] Khe Tso-siu Zhur eksp i teor. fiz 38 no. 5 1620-1626 My '60

Formation of charge-carrying mesons by 290 Mev negative pions on hydrogen IU. A Batusov and others Dokl AN SSSR 133 no 1 52-55 Jl '60

Internal bremsstrahlung of a μ^+-meson. S. A. Gadzhiev, A. I. Mukhtarov. Izv. vys. ucheb. zav., fiz. no. 3,195-197 '60.

Measuring the relative nuclear activity of π-mesons near the location of their generation. B. S. Neganov, L. B. Parfenov, A. A. Tiapkin. Zhur. eksp. i teor. fiz. 38 no. 6:1917-1918 Je '60.

Measuring the spiral character of the μ-meson. A. I. Alikhanov and others. Zhur. eksp. i teor. fiz. 38 no. 6·1918-1920 Je '60.

Nonradiative conversion of μ-mesons into an electron I S Shapiro Zhur eksp i teor fiz 38 no 5 1646-1647 My '60

Nonradiative transitions in heavy μ-mesic atoms [with summary in English]. M. IA. Baiats and others. Zhur. eksp. i teor. fiz. 38 no. 6 1715-1719 Je '60.

The $pn \rightarrow pn\pi^0$ reaction in the energy range from the threshold up to 665 Mev [with summary in English] A F Dunaitsev, IU D Prokoshkin Zhur eksp i teor. fiz 38 no 3 747-757 Mr '60

Peripheral interaction of nucleons in the two-meson approximation [with summary in English] A F Grashin, I. IU. Kobzarev Zhur eksp i teor fiz 38 no 3 863-869 Mr '60.

Possible properties of D^*-mesons I. V Chuvilo Zhur eksp i teor fiz 38 no 3 1002-1003 Mr '60

Pulse spectrum of π^+-mesons in the reaction $\pi^+ + p \rightarrow 2\pi^+ + n$ V A Astaf'ev Zhur eksp i teor fiz 38 no 3 985-987 Mr '60

Radiative corrections in the processes of weak interaction IA. A Smorodinskii, Khe Tso-siu Zhur eksp. i teor fiz 38 no 3 1007-1008 Mr '60

Remarks pertaining to the decay of the cascade hyperon I IU Kobzarev, L B Okun', A P Rudik Zhur. eksp i teor fiz 38 no 3 1012-1013 Mr '60.

Search for the ρ^0-meson and a check of the dispersion relations in πN-scattering [with summary in English]. V. G. Zinov and others. Zhur. eksp. i teor. fiz. 38 no. 6,1708-1714 Je '60.

Transition between hyperfine structure levels in μ-mesic atoms (with summary in English) A E Ignatenko Zhur eksp i teor fiz 38 no 5 1515-1517 My '60

MESONS—SCATTERING

Charge exchange scattering of 240 to 330 Mev π^--mesons on hydrogen [with summary in English] V G. Zinov, S M Korenchenko. Zhur eksp i teor fiz 38 no 5 1399-1406 My '60

Elastic scattering of 128 and 162 Mev π-mesons by protons [with summary in English] IU A. Budagov and others Zhur eksp i teor. fiz 38 no 3 734-746 Mr '60

Phase shift analysis of scattering of 240-330 Mev π-mesons on hydrogen [with summary in English]. V. G. Zinov and others Zhur eksp. i teor fiz 38 no 5 1407-1418 My '60

Polarization of recoil protons in the scattering of 300 Mev π-mesons on hydrogen I M Vasilevskii, V V Vishniakov Zhur eksp i teor fiz 38 no 5 1644-1646 My '60

Solution of equations for meson-meson scattering amplitude in the asymtotic region [with summary in English]. A. A. Ansel'm. Zhur. eksp. i teor. fiz. 38 no. 6.1887-1890 Je '60.

METABOLISM

Basic pathophysiological peculiarity of the vital activity of a person with one lung and the functional disorders attendant on it B. P Aleksandrovskii and others. Pat., klin. i terap tub no. 8 4-11 '58.

Biochemical analysis of students' metabolic processes during work V Gladka Dokl APN no 1 101-105 '60

Data on the study of functional biochemistry of muscle [with summary in English]. D. L. Feidman. Izv. AN SSSR. Ser. biol no. 3:346-354 My-Je '60.

Features of carbohydrate metabolism and energy exchange in the brain following stimulation of the gastric receptors. K. V. Fomichenko. Trudy Inst. fiziol. AN BSSR 3:140-154 '59.

Intensity of metabolism as a function of body size in fresh-water gastropods. G. G. Vinberg, IU. S. Beliatskaia. Biul. Inst. biol. AN BSSR no. 3:273-276 '58.

Pavlov, V. A. [Metabolism and biological rotation] Obmen veshchestv i biologicheskii krugovorot. Moskva, Gos. izd-vo "Vysshaia shkola," 1960. 93 p.

Shaposhnikov, V. N. [Physiology of metabolism in microorganisms with reference to functional evolution] Fiziologiia obmena veshchestv mikroorganizmov v sviazi s evoliutsiei funktsii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 161 p.

Some changes in the metabolic processes in patients with recurrent, mild rheumatic carditis. A. M. Eliseeva. Kaz. med. zhur. 40 no. 5·116-117 S-O '59.

Special features of biological metabolism. V. A. Engel'gardt. Vop. filos. 14 no. 7·113-123 '60.

METABOLISM, DISORDERS OF

Effect of a tourniquet on the body. V. M. Kushko, T. IA. Balaba. Uch. zap. 2-go MGMI 17:5-19 '58.

Metabolic disorders in acute poliomyelitis V. N. Koniakhina Vop. okh mat. i det 5 no 3 43-46 My-Je '60

METAL CLADDING

Use of clad steels in chemical machinery manufacture. I. A. Podgaevskii. Khim. mash. no. 4:43-44 Jl-Ag '60.

METAL CLEANING

(see also subdivision under United States)

Krymskii, I. I. [Finishing operations in forge shops] Ochistnye operatsii v kuznechno-shtampovochnykh tsekhakh. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 110 p.

METAL CLEANING—EQUIPMENT AND SUPPLIES

Shot-blast cleaning of parts. Kh. Sh. Rapoport, N. A. Andreeva, G. V Bernatskii. Sudostroenie 26 no. 6:55-56 Je '60.

METAL CRYSTALS

Cause of dendrite formation on cathodic nickel T. V. Gran' TSvet. met. 33 no 7 32-39 Jl '60

Effect of crystallographic directions on adsorption on single crystals of metals G. N. Shuppe, N. Z. Zakirov. Trudy SAGU no 148,45-80 '59.

METAL CRYSTALS—THERMAL PROPERTIES

Relationship between the crystalline texture, temperature, and heat of fusion of simple solids. N. N. Stulov. Zap. Vses. min. ob-va 89 no. 2:143-151 '60.

[illegible] cutting tools ac-cording to their purpose in machining. S.S.Petrukhin. Izv.vys.ucheb.zav.; mashinostr. no.5:106-111 '60.

Cutting process as a problem in elasticity [with summary in English] V.V.[illegible]. [illegible] no.6:[illegible]-41 Je '60

Errors in the blade point caused by changes in cutting-tool diameters in milling. I.S.[illegible]. Izv.vys.ucheb.zav.; mashinostr. no.5:113-119 '60.

Cutting titanium by friction sawing. M.S.Karpyshev. [illegible] Jl '60

Some problems in the mechanics of the oblique-angled steel cutting process. D.V.Kozhevnikov. Izv.vys.ucheb.zav.; mashinostr. no.6:110-118 '60.

Sysoev, V.I. [Metal cutting, machine tools, and metal-cutting tools] Rezanie metallov, stanki i instrument. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 470 p.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Cutters with trimming edges for finish boring. V.N. [illegible]. Stan.i instr. 31 no.7:21-25 Jl '60.

Markelov, P.A. [Metal cutting using tools with ceramic bits] Rezanie metallov instrumentami s keramicheskimi plastinkami. Moskva, Gos.nauchno-tekhn. izd-vo Oborongiz, 1960. 204 p.

Sysoev, V.I. [Metal cutting, machine tools, and metal-cutting tools] Rezanie metallov, stanki i instrument. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1960. 470 p.

METAL-CUTTING TOOLS—COOLING

Cooling with fog. M [illegible]. Nauka i zhizn' 27 no.5:61 My '60

METAL-CUTTING TOOLS—MAINTENANCE AND REPAIR

Fokin, L.G., and others. [Increasing the strength and wear resistance of hard alloy metal cutting tools] Povyshenie prochnosti i iznosostoikosti tverdosplavnogo instrumenta. Pod red. B.P.Shabalova. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 182 p.

METAL-CUTTING TOOLS—STANDARDS

Improving the quality of metal-cutting tools. A.V.Vaka-[illegible]. Standartizatsiia 24 no.6:17-19 Je '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Metal cutting tools; tool steel, general standards for the machinery industry, fastenings of metal-cutting tools] Rezhushchii instrument; instrumental'nye stali, obshchie standarty mashinostroenii, elementy, krepleniia rezhushchego instrumenta. Izd. ofitsial'noe. Moskva, Gos.izd-vo standartov. (Gosudarstvennye standarty SSSR)
No.1. 1960. 768 p.

METAL-CUTTING TOOLS—TECHNOLOGICAL INNOVATIONS

Mechanization and automation in the manufacture of metal-cutting tools. P.B.Komarov. Mekh.i avtom.proizv. 14 no.6:7-13 Je '60.

METAL DETECTORS

Metal detectors used in the production of particle boards and wood flour. M.M.Tendler. Der.prom. 9 no.7:14 Jl '60.

METAL POWDER PRODUCTS

Rolling titanium powder into a thin strip using the method of the Ural Polytechnical Institute. G.I.Aksenov and others. Titan i ego splavy no.[illegible] '60.

METAL SPRAYING

Saratov. Institut mekhanizatsii sel'skogo khoziaistva [Investigating the effect of conditions of carrying out the electrometallization process on the properties of metal coatings (in connection with the reconditioning of worn tractor and automobile parts)] Issledovanie vliianiia uslovii protsessa elektrometallizatsii na svoistva metallicheskikh pokrytii (v sviazi s vosstanovleniem iznoshennykh traktornykh i avtomobil'nykh detalei) Saratovskoe knizh. izd-vo, 1959. 152 p. (Trudy, no.15)

METAL SPRAYING—EQUIPMENT AND SUPPLIES

Investigating and developing methods of calculating sprayer heads for gas metallizing equipment. M.I.Morozov. Trudy VNIIAvtogen no.7:187-200 '60.

METALLIC FILMS

Determination of the condition of metal surfaces before electroplating. A.M.IAmpol'skii. Zhur.prikl.khim. 33 no.7:1641-1643 Jl '60.

Obtaining electrodeposits on titanium. S.M.Bardina, A.G.Samartsev. Zhur.prikl.khim. 33 no.5:1141-1146 My '60.

Thermoelectric effect in thin films of antimony and bismuth. IU.I.Zaitov. Sbor.nauch.rab.stud.Nauch.stud.ob-va Kir.un. no.3:37-41 '59.

METALLIC OXIDES

Interaction between the oxides of carbide forming metals with solid carbon. IU.A.Pavlov. Sbor.Inst.stali no.39:16-32 '60.

[illegible] skii, V.N.Andreeva. Zhur.neorg.khim. 5 no.5:1123-1125 My '60

METALLIC OXIDES—METALLOGRAPHY

Structural characteristics of scale used in the investigation of the reaction diffusion mechanism. V.I.Arkharov, F.B.Blankova. Fiz.met.i metalloved. 9 no.6:878-887 Je '60.

METALLOGRAPHY

Beresnev, B.I., and others. [Some problems in large plastic deformations of metals at high pressures] Nekotorye voprosy bol'shikh plasticheskikh deformatsii metallov pri vysokikh davleniiakh. Moskva Izd-vo Akad.nauk SSSR, 1960. 79 p.

Comments on the article by V.R.Golik, G.A.Shirenko, V.I.Khotkevich "X-ray study of the distortion of crystal lattices of metals deformed at low temperatures." B.I. Smirnov. Fiz.met.i metalloved. 9 no.6:936-937 Je '60.

Determining the tendency of alloys in the Al - Mg system toward corrosion under the effect of microstructural stresses. V.I.Elagin, E.V.Ekhina. Trudy MATI no.43:86-96 '60.

Investigating the structure of crystal lattices and the density of dislocations during phase transformations. I.I. Miskin, IA.S.Umanskii. Fiz.met.i metalloved. 9 no.6 897-902 Je '60.

Methods of studying recrystallization. L.N.Aleksandrov. Izv.vys.ucheb.zav.; chern.met. no.6:103-105 '60

Simple flaw detector. A.Pototskii. Radio no.6:23 Je '60

Studying properties and structure of magnetically soft alloys of various thickness. V.P.Popova. Sbor.trud. TSNIICHM no.23:66-73 '60.

X-ray determination of the distortion of crystal lattices. V.R.Golik and others. (Response to the comments made by B.I.Smirnov). Fiz.met.i metalloved. 9 no.6:937-938 Je '60.

METALLURGICAL FURNACES

Determining the dew point of exhaust gases containing sulfuric anhydride. V.N.Timofeev, D.P.L'vov. TSvet.met. 33 no.5:38-43 My '60.

Heat transfer in metallurgical furnaces with use of oxygen. G.V.Samokhvalov, I.S.Naznov. Izv.vys.ucheb.zav.; chern.met. no.6:146-154 '60

Principles of nonferrous metallurgical furnace improvement. D.A.Diomidovskii. TSvet.met. 33 no.5:18-26 My '60.

METALLURGICAL FURNACES—AERODYNAMICS

Investigating the stream leaving the cyclone chamber. A.P.Chernov, A.V.Ul'ianov. Izv.AN Kazakh.SSR, Ser. energ. no.2:86-100 '60.

METALLURGICAL FURNACES—COOLING

Evaporation cooling. N Leonidov. Nauka i zhizn' 27 no.5:79 My '60

METALLURGICAL FURNACES—MAINTENANCE AND REPAIR

Rapid built-up welding of furnace hearths. D.F.Nagovitsyn. Metallurg 5 no.8:10-19 Ag '60.

METALLURGICAL FURNACES—PROTECTIVE ATMOSPHERES

"Metal soldering in furnaces with protective atmospheres" by R.E.Rozenberlin. Reviewed by I.E.Petrunin, V.M. Komarov. Svar.proizv. no.8:43 Ag '60.

METALLURGICAL LABORATORIES see subdivision under Moscow, Ural Mountain region

METALLURGICAL PLANTS

(see also subdivision under Kazakhstan, Linz, Austria, Moscow, Novyy Lipetsk; Satka Valley)

Increased efforts to speed up technical progress in metallurgy. Stal' 20 no.8:1-2 Ag '60.

METALLURGICAL PLANTS—AIR CONDITIONING see subdivision under Bhilai, India

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Selecting burners using blast furnace gas for heat and electric power plant boilers in metallurgic factories. I.K.Lebedev. Energomashinostroenie 6 no.7:13-16 Jl '60.

METALLURGICAL PLANTS—HEATING AND VENTILATION

Some problems in air-cooling of electric machinery and ventilation of electric machinery rooms in metallurgical plants. B.S.Simonovich. Vod.i san.tekh. no.8:35-37 Ag '60.

METALLURGICAL PLANTS—SAFETY MEASURES

Soiuz rabochikh metallurgicheskoi promyshlennosti SSSR. TSentral'nyi komitet. [Safety regulations in the production of ferroalloys] Pravila bezopasnosti v ferrosplavnom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 34 p.

METALLURGICAL PLANTS—WATER SUPPLY

Water economy of steel-smelting plants with oxygen blow. N.F.Serikov, F.S.Berova. Vod.i san.tekh. no.7:6-10 '60

July 17th is the Metallurgist's Day. Metallurg 5 no.7:[illegible] Jl '60.

METALLURGY

(see also subdivision under South Africa, Union of; Stalinsk)

Andrianov, V.P., ed. [Brief handbook on metallurgy, 1960] Kratkii spravochnik metallurga, 1960. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 369 p.

Following of newspapers and reports. Metallurg 5 no.7:3-4 Jl '60.

Merkviladze, Z.L. [Brigades of communist labor in metallurgy. Brigada kommunisticheskogo truda metallurgov. Tbilisi, Gos.izd-vo "Sabochota Sakartvelo"] 1959. 37 p. [In Georgian.]

METALLURGY—BIBLIOGRAPHY see Bibliography—Metallurgy

METALS

(see also subdivision under Zyryanovsk)

Anomalies of electron characteristics of a metal in the high pressure region (with summary in English] I M Lifshits. Zhur eksp i teor fiz 38 no.5 1569-1576 My '60

Dubinin, N.P., and others. [Technology of metals] Tekhnologiia metallov. Pod red. N.P.Dubinina. Izd. 3. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit lit-ry, 1959. 504 p.

Effect of metal cations on the corrosion of iron in sulfuric acid at higher temperatures. I.P.Anoshchenko. Zhur.prikl.khim. 33 no.5:1146-1150 My '60.

Effect of oxide films on the rate of vaporization [with summary in English]. A.N.Nesmeianov and others. Zhur.fiz.khim. 34 no.7:1425-1429 Jl '60.

For economy of metals in the manufacture of chemical machinery. Khim.mash. no 4:1-2 Jl-Ag '60.

Ionization potential of atoms and reciprocal solubility of metals. A.A.Vorob'ev, P.A.Savintsev, B.F.Ufimtsev. Izv.vys.ucheb.zav.;fiz. no.3 233-234 '60.

Korol'kov, A.M. [Properties of metals used in founding] Liteinye svoistva metallov i splavov. Moskva, Izd-vo Akad.nauk SSSR, 1960. 195 p.

Kropivnitskii, N.N., and others. [Technology of metals] Tekhnologiia metallov. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry, 1960. 499 p.

Let's economize metal. M.Borysov. Blok agit [Ukr.] no.14:37-44 My '60

Removal of ultraminute quantities of heavy metal impurities from solutions of neutral salts to be used as polarographic background. E.N.Vinogradova, K Iobst. Zav. lab. 26 no.7:796-797 '60.

Republic conference on problems regarding "Defect in the crystalline structure and properties of metals and alloys." I.IA.Dekhtiar. Dop AN URSR no 3:394-396 '60

State equations of aluminum, copper, and lead in the high pressure region [with summary in English] L.V.Al'tshuler and others. Zhur.eksp.i teor fiz 38 no 3 790-798 Mr '60.

Structure of metals with high coordination numbers. P.I. Kripiakevich. Kristallografiia 5 no.1:70-83 Ja-F '60.

METALS—ANALYSIS

Brief reports. Zav.lab. 26 no.5:551 '60.

Chemical methods for determining small amounts of impurities in a number of substances of high purity. I.G. Shafran. Trudy IREA no.23:88-95 '59.

Colorimetric determination of heavy metals with thioacetamide. G.G.Karanovich. Trudy IREA no.23:96-101 '59.

Colorimetric method as applicable to the analysis of metals and alloys. A.M.Dymov, L.Z.Kozel'. Sbor. Inst.stali no.39:450-461 '60.

Conference on the phase (material) analysis of ores of nonferrous metals and products of their cleaning and metallurgical processing; held July 10-15, 1959, in Ordzhonikidze. Zhur anal khim 15 no 2:253 Mr-Ap '60

Development of the polarographic analysis of inorganic ions (survey). I.V.Piatnitskii. Zav.lab. 26 no.7:796-810 '60.

Estimation of impurities in reagents employed in the photometric determination of traces of metals [with summary in English]. A.B.Blank. Zhur.anal.khim. 15 no.3:359-361 My-Je '60.

Polarographic determination of high concentrations of elements. L.N.Liubimova, V.G.Sochevanov. Zav.lab. 26 no.6:703-707 '60.

METALS—ANALYSIS—BIBLIOGRAPHY see Bibliography—Metals—Analysis

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—COLD WORKING

Strengthening weld joints by press working the seam with rolls. S.A.Kurkin, V.A.Vinokurov, V.A.Parakhin. Svar.proizv. no.8:16-18 Ag '60.

METALS—DEFECTS

Formation of welding flakes in the metal of the seam under the effect of stress. Svar. proizv. no.6:42-45 Je '60.

Influence of the orientation of metal defects on stress concentration. I.M.Pavlov, A.V.Krupin. Sbor. Inst. stali no.39:161-172 '60.

Rumiantsev, S.V. [Use of radioactive isotopes for flaw detection] Primenenie radioaktivnykh izotopov v defektoskopii; rukovodstvo po primeneniiu radioaktivnykh izotopov v promyshlennoi defektoskopii. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 203 p.

METALS—FATIGUE

Fatigue strength of weld joints in the AMg6 alloy. A.V. Sil'vestrov. Svar. proizv. no.7:15-17 Jl '60.

Fatigue testing under a continuous change of the amplitude of alternating stresses. P.N.Danilov. Zav. lab. 26 no.5:598-602 '60.

Investigating the thermal fatigue of U-10 steel and Armco iron. E.A.Mamontov. Izv. vys. ucheb. zav.; fiz. no.3:130-132 '60.

Rapid method of determining the fatigue limit from the critical fatigue stress. V.S.Ivanova. Zav. lab. 26 no.5:603-606 '60.

METALS—FINISHING

Chemical cleaning of metals. A.Gustov. Okhr. truda i sots. strakh. 3 no.3:69-70 Mr '60.

Polishing of tubing for beds is streamlined. M.Tikhonov. Prom. koop. 14 no.6:19 Je '60.

METALS—HEAT TREATMENT

Some problems of theory and practice in the heat treatment of metals and alloys. G.Z.Nesselshtraus. Trudy NTO chern. met. 15:111-170 '59.

METALS—OPTICAL PROPERTIES

Method of low-temperature measurements of optical constants of metals. V.G.Padalka, I.N.Shkliarevskii. Opt. i spektr. 9 no.1:119-121 Jl '60.

METALS—PICKLING

Efficient conditions of pickling carbon steel in sulfuric acid solutions. V.P.Baramik, T.D.Kolpakova. Stal' 20 no.8:753-755 Ag '60.

METALS—SPECTRA

Brief reports. Zav. lab. 26 no.5:590-593 '60.

Spectral analysis of gold purity. O.P.Degtiareva, M.P. Ostrovskaia. Zav. lab. 26 no.5:564-566 '60.

METALS—TESTING

Apparatus for investigating the gripping of metals during a reciprocating-rotary motion. K.A.Krylov. Zav. lab. 26 no.6:761-765 '60.

Determination of flaws in small spheres. A.M.Noskov. Zav. lab. 26 no.5:624-625 '60.

Methods of determining the characteristics of the plasticity of a metal. B.I.Bondarev. Zav. lab. 26 no.7:855-857 '60.

Parametric methods for the evaluation of the long-period strength of metals (survey). IA.S.Ginzburg. Zav. lab. 26 no.7:864-866 '60.

Relation between the limit of the resistance to rupture and the hardness at high temperatures. G.M.Volkogon, L.V.Pritomova. Zav. lab. 26 no.7:850-851 '60.

Resistance of metals to rupture. I.I.Tarasenko. Zav. lab. 26 no.5:611-614 '60.

Variations in the size of the zones of a fatigue fracture in projecting specimens. L.B.Romberg. Zav. lab. 26 no.5:602-604 '60.

METALS—THERMAL PROPERTIES

Development of work connected with the selection of materials for flat springs for steam turbines. L.I. Volkova. [Trudy] TSNIITMASH 100:250-260 '59.

Principles for the selection of metals for fastening parts of boilers and turbines. V.Z.Tseitlin. [Trudy] TSNIITMASH 100:248-258 '59.

METALS, EFFECT OF TEMPERATURE ON

Distribution of nonhomogeneous plastic deformation. Part 4. Oriented hardening and its dependence on the temperature of deformation. F.P.Rybalko, A.F.Nesterov, D.P.Rybalko. Fiz. met. i metalloved. 9 no.6:937-951 Je '60.

Effect of overheating during melting and modification on the properties of gray cast iron. N.G.Girshovich. Lit. proizv. no.7:28-32 Je '60.

Effect of polymorphic transformations on diffusion in titanium. S.Z.Bokshtein, S.T.Kishkin, V.B.Osvenskii. Metalloved. i term. obr. met. no.6:21-26 Je '60.

Gas diffusion into titanium during its heating in the open air and the effect of diffusing gases on the mechanical and technical properties of sheet titanium. V.N. Moiseev. Titan i ego splavy no.3:17-22 '60.

Interaction of titanium sponge with moist atmospheres and air. V.A.Livanov, A.A.Bukhanova, B.A.Kolachev. Trudy MATI no.43:91-99 '60.

Physical nature of the thermal expansion of metals. N.N.Medvedev, I.A.Velichko. Trudy LTI no.58:7-16 '59.

METALS AS ANTISEPTICS

Oligodynamic action of chemically pure metallic silver [with summary in English]. A.I.[illegible], I.A.[illegible]. Mikrobiologiia 29 no.1:[illegible] '60.

METALS AT HIGH TEMPERATURE

Characteristics of plasticity and aging of binary titanium-aluminum alloys. R.N.[illegible]. Titan i ego splavy no.3:41-51 '60.

Characteristics of the behavior of 1Kh18N9T alloyed steel remaining for a long time at high temperatures. A.V.[illegible] and others. Fiz. met. i metalloved. 9 no.6:868-877 Je '60.

High-chromium semiferritic steels for blades and rotors of steam turbines operating at temperatures from 575° to 600°. G.P.Fedortsov-Lutikov, M.I.[illegible]. [Trudy] TSNIITMASH 100:167-187 '59.

High specific strength of titanium metal alloys. R.P. Shchegoleva, L.S.Golubova. Titan i ego splavy no.3:84-89 '60.

Investigating titanium base alloys for work at above 400° temperatures. V.N.[illegible]. Titan i ego splavy no.3:74-78 '60.

Methods of testing metals for abrasion wear at high temperatures. E.I.[illegible]. Zav. lab. 26 no.6:754-756 '60.

Slow deformation of single crystals of iron-nickel solid solutions at high temperatures. V.M.Rozenberg. Fiz. met. i metalloved. 9 no.6:912-920 Je '60.

METALS AT LOW TEMPERATURES

Saturation magnetization of ferromagnetic alloys in low temperature fields. L.N.Fedotov, G.A.Zaitseva. Sbor. trud. TSNIICHM no.23:121-128 '60.

METALWORK

Dubinin, N.P., and others. [Technology of metals] Tekhnologiia metallov. Pod red. N.P.Dubinina. Izd.2. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1959. 661 p.

Gromova, A.N., V.I.Zav'ialova, and V.K.Korotkov. [Manufacturing parts of sheets and sections in lot production] Izgotovlenie detalei iz listov i profilei pri seriinom proizvodstve. Pod obshchei red. V.V. Boitsova. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 347 p.

Kroptvetskii, N.N., and others. [Technology of metals] Tekhnologiia metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 409 p.

New textbook for eight-year schools ("[illegible] metalwork, a textbook for grades 5 and 6." by [illegible] Tkachenko. Reviewed by V.P.[illegible]. [illegible] 10 no.7:92-94 Jl '60.

Skilled producers of high strength metal. M.[illegible]. [illegible] 17 no.7:21 Jl '60.

METALWORKERS—EDUCATION AND TRAINING

Every worker should have some knowledge of economics. M.Bellakov. Prof.-tekh. obr. 17 no.6:27-28 Je '60.

METALWORKING LUBRICANTS

Akademiia nauk SSSR. Institut mashinovedeniia. [Metal working lubricants for press forging] Tekhnologicheskie smazki dlia obrabotki metallov davleniem. P.I.[illegible], A.V.[illegible]. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 96 p.

Timofeev, P.V. [Lubricating and cooling fluids used in metal cutting] Smazochno-okhlazhdaiushchie zhidkosti, primeniaemye pri rezanii metallov. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 114 p.

METALWORKING MACHINERY

Use of titanium in metalworking plants. A.I.[illegible]. Titan i ego splavy no.3:159-162 '60.

METALWORKING MACHINERY—ELECTRIC DRIVING

F.K.Ivanchenko's article "Transient processes in the drive of a machine, taking into account changes in the torque of an electric motor." I.A.[illegible]. Izv. vys. ucheb. zav.; chern. met. 3 no.6:172-174 '60.

METALWORKING MACHINERY—MAINTENANCE AND REPAIR

Mechanized feed and removal of flux in the automatic built-up welding of metalworking equipment. P.F. Kosenko, M.A.[illegible]. Svar. proizv. no.7:37-38 Jl '60.

METAMORPHISM (GEOLOGY)

(See also subdivision under Altai Mountains, Geology)

Chemism of the process of wall-rock lightening during ore deposition. L.S.[illegible]. Dokl. AN SSSR 133 no.3:665-668 Jl '60.

Relationship between the genesis and mineralization of pegmatites on the one hand and the areal metamorphism on the other as illustrated by the pegmatites in the [illegible] region. D.A.Velikoslavinskii, Iu.M.[illegible]. Zap. Vses. min. ob-va 89 no.3:268-281 '60.

Relationship between the hydrothermal metamorphism and sulfide mineralization in the [illegible] ore region. Iu.Iu.[illegible] and others. Trudy Alt. GMNII AN Kazakh. SSR 9:126-145 '60.

Theory of processes of contact metamorphism. [illegible] Shipulin. Geol. rud. mestorozh. no.3:[illegible] My-Je '60.

METASOMATISM

[illegible]

METEORITES

[illegible]

METEOROLOGICAL [illegible]

[illegible]

METEOROLOGICAL [illegible]

[illegible]

METEOROLOGY

[illegible]

METEOROLOGY [illegible]

[illegible]

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METEOROLOGY [illegible]

[illegible]

METEOROLOGY [illegible]

[illegible]

METEOROLOGY [illegible]

[illegible]

METEORS

[illegible]

METHACRYLIC ACID

[illegible]

METHANE

[illegible]

Kinetics and mechanism of methane oxidation [with summary in English]. Part 2: Kinetics of accumulation of intermediate products. L. V. Karmilova, N. S. Enikolopian, A. B. Nalbandian. Zhur. fiz. khim. 34 no. 5:990-994 My '60.

Solubility of gases in water under pressure [with summary in English]. A.IU.Namiot. Zhur.fiz.khim. 34 no.7:1593-1598 Jl '60.

Studies in the analytical chemistry of thallium. Report No.4: Diantipyrylpropylmethane as a reagent for the quantitative determination of thallium [with summary in English]. A.I.Busev, V.G.Tiptsova. Zhur.anal.khim. 15 no.3:291-294 My-Je '60.

Electrocracking of methane [with summary in English]. M.S.Shantarovich, B.V.Pavlov. Zhur.fiz.khim. 34 no.5:980-985 My '60.

METHANOL
Catalytic oxidation of methane and methyl alcohol [with summary in English]. N.S.Enikolopian, I.M.Bel'govskii. Zhur.fiz.khim. 34 no.7:1571-1580 Jl '60.

Synthesis of methanol on a zinc-chromium catalyst at reduced concentrations of carbon monoxide in the circulating gas. I.A.Makarov. Khim.i tekh.topl.i masel 5 no.6:17-21 Je '60.

X-ray study of the changes in the magnitudes of concentration fluctuations in the system carbon disulfide - methyl alcohol as a function of temperature [with summary in English]. N.V.Mokhov, I.V.Kirsh. Zhur.fiz.khim. 34 no.7:1553-1555 Jl '60.

METHIONINE
Inclusion of S^{35} methionine in the protein of the tissues of rabbits' extremities following the action of periodic tightening of a tourniquet. I.E.Malakhov. Uch.zap. 2-go MGMI 17:119-130 '58.

Incorporation of S^{35}-methionine by cysts of the infusoria Pleurotricha lanceolata. V.K.Nilova. TSitologiia 2 no.3:301-308 My-Je '60.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the action on the extremities of a discontinuously applied tourniquet. V.A.Konyshev. Uch.zap.2-go MGMI 17:199-204 '58.

Incorporation of S^{35} methionine into the proteins of rabbit brains following the removal of a tourniquet from the extremities. V.A.Konyshev. Uch.zap.2-go MGMI 17:187-198 '58.

Incorporation of S^{35} methionine into the tissues, proteins, and lipoids of rabbit brains during the application of a tourniquet to the extremities. V.A.Konyshev. Uch. zap.2-go MGMI 17:167-176 '58.

Influence of a novocaine block on the incorporation of S^{35} methionine into the protein of the muscles and skin of the extremities following the action of a tourniquet. I.E.Malakhov. Uch.zap.2-go MGMI 17:143-148 '58.

Intensity of protein metabolism in the liver following the use of a tourniquet. I.E.Malakhov. Uch.zap.2-go MGMI 17:205-210 '58.

METHIONINE—PHYSIOLOGICAL EFFECT
Effect of methionine and lipocaine on some factors of fat metabolism in the liver of rats exposed to X rays [with summary in English]. V.G.Vladimirov. Biul. eksp.biol.i med. 49 no.1:59-62 Ja '60.

Effect of [illegible] methionine on the distribution of Se^{75} in the organs and its renal excretion in healthy rats and in rats with sarcoma 45 [with summary in English]. S.M.Fil'chagin. Pat.fiziol.i eksp.terap. 4 no.3:46-49 My-Je '60.

METHYL ETHER
Electronographic analysis of the structure of molecules of [illegible] and [illegible] ethers. P.A. Akishin, L.V.Vilkov, N.P.Sokolova. Izv.Sib.otd.AN SSSR no.5:59-65 '60.

METHYLAMINE
Chemistry of organic oxides. Part 17: Interaction between primary secondary acetylenic oxides and methylamine. V.M.Al'bitskaia, F.M.Bliakhman, A.A.Petrov. Zhur. ob.khim. 30 no.7:2267-2269 Jl '60.

Interaction between acetylenic oxides and amines. V.M. Al'bitskaia, F.M.Bliakhman. Trudy LTI no.50:51-54 '59.

METHYLATION
Investigating the process of methylation of cellulose. M.Kh.Glusman, I.B.Levitskaia. Zhur.prikl.khim. 33 no.5:1172-1177 My '60.

MEVALONIC ACID
Mevalonic acid as the precursor of some polyisoprene compounds in plants. A.N.Guseva, V.A.Paseshnichenko, M.G.Borikhina. Dokl.AN SSSR 133 no.1:228-230 Jl '60.

MEVIUS, APOLLON FEDOROVICH, 1820-1898
Mining Engineer A.F.Mevius, author of the first Russian manual on foundry production. D.M.Modelevich. Vop.ist.est.i tekh. no.9:157-158 '60.

MEXICAN LITERATURE—HISTORY AND CRITICISM
Akademiia nauk SSSR. Institut mirovoi literatury. [The Mexican realistic novel of the 20th century] Meksikanskii realisticheskii roman XX veka. Moskva, Izd-vo Akad.nauk SSSR, 1960. 154 p.

MEXICO—DESCRIPTION AND TRAVEL
Visiting Mexico. S.Mikhailov. Sov.foto 20 no.7:40-43 Jl '60.

MEXICO—THEATER
The difficulties and searching of the Mexican theater. V.Ch. Teatr 21 no.7:191-192 Jl '60.

MEZEN' BAY—ALGAE
A new form of Peridinium africanum Lemm. from Mezen' Bay of the White Sea. I.A.Kiselev. Bot.mat.Otd.spor.rast. 13:43-46 '60.

MIASNIKOV, GRIGORII, 1800-1828
New materials for the biographies of the serf artists Grigorii Miasnikov and Moisei Dikov. G.N.Komelova. Trudy Gos.Erm. 3:211-216 '59.

MICA
Dielectrics of tomorrow. A.Kolpakov. Znan.sila 35 no.5:17 My '60

Isolating radioactive calcium from mica for isotopic analysis [with summary in English] V.I Baranov, Ch'en Yü wei. Zhur.anal.khim. 15 no.2 163-165 Mr-Ap '60

MICE see subdivision under Irkutsk, Manchuria; Sakhalin, White Russia

MICHURIN, IVAN VLADIMIROVICH, 1855-1935
Following the great innovator. I.E.Glushchenko. Kul't i zhizn' 4 no.6:21-23 '60

Great transformer of nature. I.Hlushchenko. Nauka i zhyttia 10 no.6:27-29 Je '60.

Michurin's teachings still live and are being further developed. I.E.Glushenko. Nauka i zhizn' 27 no.6:35-40 Je '60.

MICKIEWICZ, ADAM, 1798-1855
New books about Mitskevich. A Mal'dzis Belarus' 17 no 7 31 Jl '60

MICROBIOLOGICAL RESEARCH
Diachenko, S.S. [Diagnostic microbiological investigations in infectious diseases] Diagnostychni mikrobiologichni doslidzhennia, pry infektsiinykh zakhvoriuvanniakh. Kyiv, [Derzhmedvydav] URSR, 1957. 270 p. (DNLM)

Universal "microbe library." I.Borutskhin. Nauka i zhizn' 27 no.7:77-70 Jl '60.

MICROBIOLOGICAL SOCIETIES
Organizational congresses of the All-Union Microbiological Society. V.A.Lambina. Izv.AN SSSR.Ser.biol. no.3:472-473 My Je '60.

MICROBIOLOGY
Defense of dissertations. A.E.Kosmachev Mikrobiologiia 29 no.3:468-471 My-Je '60

Tets, V.I. [Sanitary microbiology] Sanitarnaia mikrobiologiia. Izd.2., ispr.i dop. [Leningrad] Medgiz, 1959. 433 p. (DNLM)

MICROBIOLOGY—CONGRESSES
Conference on experimental production of useful variants of micro organisms. IU.N Karasevich. Mikrobiologiia 29 no 3:465-467 My-Je '60

Conference on experimental production of useful variants of micro organisms. IU.N.Karasevich. Izv.AN SSSR. Ser.biol. no.3:470-472 My-Je '60.

MICROBIOLOGY—PERIODICALS
From the pages of journals. Lab.delo 6 no.3:60-61 My-Je '60.

MICROCHEMISTRY
Use of the EO-7 oscillograph for the polarographic determination of micro concentrations. M.S.Zakharov, A.G. Stromberg. Zav.lab. 26 no 5 632-633 '60.

MICROCLIMATOLOGY
(see also subdivision under Beregovo region)

Calculating the heat supply of the vegetative period under conditions of a hilly relief. A.V.Shakimovich. Trudy UkrNIGMI no.18:52-62 '59.

MICROFILMS
New apparatus for continuous printing of 35mm and 16mm motion-picture films and microfilm copies. O.V.Peschanskii. Tekh.kino i telev. 4 no.6:71-72 Je '60.

MICRO-ORGANISMS
Significance of microorganisms in the diet of ruminants. N.U.Bazanova, K.T.Tashenov. Trudy Inst.fiziol.AN Kazakh SSR 3:20-29 '59.

MICROPALEONTOLOGY see subdivision under Moldavia; Ukraine

MICROPHOTOGRAPHY
Film adapter for the MFN-2 microphotography apparatus to be used with the MFK-2 microphotography camera. G.G.Avtandilov, K.I.Khalimov. Lab.delo 6 no.3:46-47 My-Je '60.

Oscillographic attachment to the MF-4 microphotometer for recording intensities [with summary in English]. R.E.Gershberg, V.I.Pronik, S.I.Korkin. Izv.Krym. astrofiz.obser. 22:166-175 '60.

MICROSCOPE
Device for the microscope for the investigation of biological preparations under oblique illumination. A.P. Pols. Lab.delo 6 no.3:44-45 My-Je '60.

Journey to the land of invisible things. R.Barin. Znan. sila 35 no.6:43 Je '60.

What should a modern metallographic microscope be like? N.N.Kachanov and others. Zav.lab. 26 no.6:770-773 '60.

MICROSCOPE—TESTING
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 147-58 for testing double microscopes] Instruktsiia 147-58 po poverke dvoinykh mikroskopov. Izd.ofitsial'noe. Moskva, 1959. 20 p.

MICROSCOPY
Mobile table for a microscope measuring the wear of steel balls. B.V.Kleimenov, P I.Sanin. Zav lab. 26 no.7:884-885 '60.

Objective with a central disk for microscopic study of living biological objects [with summary in English]. S.B.Stefanov. Zhur.ob.biol. 21 no.3:232 My-Je '60.

MICROTOME
Ultramicrotome on conic supports. L.S.Gol'din, A.A. Sokolov, IA.IU.Komissarchik. TSitologiia 2 no.3: 374-376 My-Je '60.

MICROWAVE AMPLIFICATION BY STIMULATED EMISSION OF RADIATION see Masers

MICROWAVES
Davydenko, IU.L., and N.T.Nechaev. [Special features of microwave propagation] Osobennosti rasprostraneniia metrovykh radiovoln. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 170 p.

Generalized matrix theory of nonhomogeneous lines. A.L.Fel'dshtein. Radiotekhnika 15 no.6:10-17 Je '60

Gurevich, A.G. [Ferrites at microwave frequencies] Ferrity na sverkhvysokikh chastotakh. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 407 p. (Fizika poluprovodnikov i poluprovodnikovykh priborov)

Gyrotron with control grids. D.Teodoresku. Elektrichestvo no.6:66-70 Je '60.

Long-distance tropospheric microwave propagation. A.I. Kalinin. Elektrosviaz' 14 no.7:38-46 Jl '60.

Long-distance tropospheric propagation of microwaves. A.I.Kalinin. Elektrosviaz' 14 no.6:39-49 Je '60.

Microradio waves in the works of P.N.Lebedev and his school. A.R.Serdiukov. Vop.ist.est.i tekh. no.9:102-110 '60.

Miniature beam power-type tubes. V.Sukhanov, A.Kureev. Radio no.7:34-38 Jl '60.

Parameters of miniature beam power-type tubes. A.Azat'ian, N.Parol'. Radio no.7:38 Jl '60.

MIDDLE EAST see Near East

MIDDLE EASTERN WAR, 1956
The confessions of Anthony Eden (Published in English as "Memoirs." Reviewed by G.Bondarevskii). Sovr.Vost. no.7:59-60 Jl '60.

MIGMATITES—CLASSIFICATION
Classification and origin of hybrid metataxic rocks (migmatites) in contact zones of intrusive massifs. T.M. Dembo. Izv.vys.ucheb.zav.; geol.i razv. 3 no.1:53-67 Ja '60.

MIKHEL'SON, VLADIMIR ALEKSANDROVICH, 1860-1960
Vladimir Aleksandrovich Mikhel'son; 1860-1960. S.A. Maksimov. Meteor.i gidrol. no.7:45-48 Jl '60.

MIKHNEVO DISTRICT—BIRCH MOUSE
Diurnal activity rhythm of the forest birch mouse [with summary in English]. N.V.Tupikova. Zool.zhur. 39 no.6:946-947 Je '60.

MIKHOV, ATANAS, 1879-
Atanas Mikhov, the well-known Bulgarian artist. D.Tomov. Iskusstvo 23 no.5:43-45 '60.

MILDEW see subdivision under Leningrad Province

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE
Goncharenko, M.N. [Cybernetics in military science] Kibernetika v voennom dele. Moskva, Izd-vo DOSAAF 1960. 174 p.

Influence of scientific and technical progress on the development of military equipment and methods of armed conflict. S.Kozlov. Prop.i agit. 41 no.8:28-33 Ap '60.

Semenov, V.A. [Brief survey of the development of the Soviet operational skill] Kratkii ocherk razvitiia sovetskogo operativnogo iskusstva. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 298 p.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ART AND SCIENCE—TERMINOLOGY
Do you know your military terminology? Voen. znan. 36 no. 8:21-22 Ag '60.

MILITARY ASSISTANCE, AMERICAN see subdivision under Thailand

MILITARY BASES—WATER SUPPLY
Use of high mineral water for drinking in the desert. P. A. Solomko. Voen.-med. zhur. no. 5:72-76 My '60.

MILITARY BASES, AMERICAN
(see also subdivision under New Guinea, Dutch)
American "bastions" are cracking. Ogonek 38 no. 23:6-7 Je '60.
The latest imperialist "doctrine." M. Lazarev. Mir. ekon. i mezhdunar. otn. no. 7:40-57 Jl '60.
Military bases of the United States are the future jumping off points for aggression. G. Pol'skii. Tyl i snab. 21 no. 7:29-30 Jl '60.

MILITARY CEREMONIES, HONORS, AND SALUTES
How to salute properly. Voen. znan. 36 no. 7:40-41 Jl '60.

MILITARY DEMOLITION see Demolition, Military

MILITARY DISCIPLINE
In the struggle for strict discipline. M. Poliakin. Prop. i agit. 41 no. 8:37-38 Ap '60.
Mirchenko, IA. IA. [Discipline training for Soviet soldiers] Vospitanie distsiplinirovannosti u sovetskikh voinov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 174 p.
Let's reach every soldier. D. Zinkevich. Prop. i agit. 41 no. 8:39-39 Ap '60.
The role of army public workers in strengthening lawfulness and discipline. V. Bortnogleb'skii. Prop. i agit. 41 no. 8:14-16 Ap '60.

MILITARY DRILL see Drill and minor tactics

MILITARY EDUCATION
Activity of propaganda work. P. Savvan. Voen. znan. 36 no. 8:5 Ag '60.
Competition between Moscow and Leningrad residents. S. Frolov. Voen. znan. 36 no. 8:8 Ap '60.
Improve the training of our instructors. G. Zapol'skii. Voen. znan. 36 no. 8:10 Ag '60.
Lomazov, L. I. [Those are the kind that are liked; sketches about the activists of the defense society] Takikh v narode liubiat; ocherki ob aktivistakh oboronnogo Obshchestva. Moskva, Izd-vo DOSAAF, 1959. 77 p.
Technical knowledge should be provided for members of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Voen. znan. 36 no. 7:1-2 Jl '60.
To the aid of the national economy. A. Kolobovnikov. Voen. znan. 36 no. 8:1-3 Ag '60.

MILITARY ENGINEERING
Participation of combat engineer troops in military action during the Great Patriotic War ("Engineer troops of the Soviet army in the principal operations of the Great Patriotic War" by V. I. Zheleznikh, A. D. Tsirlin, K. S. Nazarov. Reviewed by V. Iafonskii). Voen. ist. zhur. 2 no. 5:110-112 My '60.

MILITARY HYGIENE
Health education in a military infirmary. V. I. Pastovoitenko. Voen. med. zhur. no. 5:41-42 My '60.
"Military hygiene" by I. G. Krotkov. Reviewed by B. D. Gabovich. Voen. med. zhur. no. 6:90-91 Je '60.
Organization and guidance of health education. I. G. Vinogradov. Voen.-med. zhur. no. 5:38-40 My '60.

MILITARY MAPS see Maps, Military

MILITARY MEDICINE see Medicine, Military

MILITARY TELEVISION
Manokhin, V. N. [Television in military operations] Televidenie v voennykh deistviiakh. Moskva, Izd-vo DOSAAF, 1960. 91 p.

MILK
(see also subdivision under Moscow Province)
Davidov, R. B. [Milk in the human diet] Moloko v pitanii cheloveka. Moskva, Medgiz, 1959. 170 p. (Biblioteka prakticheskogo vracha)
(DNLM)
Stability of frozen milk during storage [with summary in English]. R. Davidov. Kh. i tekh. 17 no. 3:39-41 My-Je '60.

MILK—BACTERIOLOGY
Circular reaction of cows' milk (with antigen from the Leningrad Scientific Research Veterinary Institute) for brucellosis. P. N. Diachenko. Sov. zdrav. Kirg. no. 1:54-57 Ja-F '58.

MILK, DRIED
Production of certain kinds of dry milk. N. N. Titov. Sbor. nauch. rab. Len. inst. sov. torg. no. 15:28-32 '59.

MILK PLANTS—EQUIPMENT AND SUPPLIES
Continuous milk bottling line. [illegible] Biul. tekh.-ekon. inform. no. 4:[illegible] '60.

MILK SUPPLY
Let's improve the supply of milk products. [illegible] Sov. torg. 33 no. 6:19-2[illegible] Je '60.

MILK TRADE
Vending machine for the sale of milk in bottles. [illegible] nov'ev, [illegible] Sov. torg. 33 no. 6:[illegible] Je '60.

MILKING—HYGIENIC ASPECTS
Clinical aspects, treatment, and prevention of occupational diseases involving milkmaids' hands. [illegible] Fel'd. i akush. 25 no. [illegible] '60.

MILKY WAY
New information on the nucleus of our Galaxy. [illegible] Priroda 49 no. 7:83-87 Jl '60.
The riddle of the Milky Way. [illegible] Radio[illegible] Smena 37 no. 13:15-16 Jl '60.

MILLET see subdivision under West Kazakhstan Province

MILLING MACHINERY
Mechanics of the motion of particles in a vibrating mill. G. N. Petrov. Izv. vys. ucheb. zav.; mashinostr. no. 5:[illegible] '60.
Practices of introducing milling machines made of [illegible] alloys. G. G. [illegible] Biul. tekh.-ekon. inform. no. [illegible] Jl '60.

MILLING MACHINES
Digital program control system for a milling machine with a stepping power motor. [illegible] and others. Avtomatika no. [illegible] '60.

MILLING MACHINES—NUMERICAL CONTROL
The [illegible] program controlled vertical milling [illegible] Biul. tekh.-ekon. inform. no. 4:[illegible] '60.

MIND AND BODY
"My [illegible]" [illegible] Vasil'ev. Reviewed by [illegible] no. [illegible] '60.

MINDSZENTY, JOZSEF CARDINAL, 1892-
Under the cardinal's robe. A. A. [illegible] zhizn' 37 no. [illegible] Jl '60.

MINE ACCIDENTS see subdivision under Kazakhstan

MINE COMMUNICATIONS
All-Union Conference on High-Frequency Communications and Television in Coal Mines. [illegible] Ugol' 35 no. 6:[illegible] Je '60.

MINE DRAINAGE
Deep ground water level lowering in [illegible] mines of the Rhine Basin. G. I. Man'kovskii. Ugol' 35 no. 7:55-56 Jl '60.
Efficient type of drain pump for [illegible] Nikolin. Izv. vys. ucheb. zav.; gor. zhur. [illegible] '60.
Introducing automatic control of [illegible] for the drainage of mining [illegible] [illegible] Jl '60.

MINE DUSTS
(see also subdivision under Donets Basin)
Control of dust formation [illegible] of the coal [illegible] Ugol' 35 [illegible]
Preliminary coal wetting as a means of preventing dust formation. V. N. Shilenkov, I. I. Ryzhkin, A. P. [illegible] Ugol' 35 no. 7:20-21 Jl '60.
Rare method for dust control. B. Ol'shanskii. Mast. ugl. 9 no. 7:15 Jl '60.

MINE FILLING see subdivision under China

MINE FIRES
Fire prevention at the [illegible] mine. [illegible] Ugol' zhur. no. 7:29-31 Jl '60.
"Prevention and control of endogenous fires in mining the pitch coal sulfide ore deposit mines" [illegible] D. I. Svetlin, K. G. Bubes. Reviewed by A. V. [illegible] V. V. Kolikov, N. F. Arkhipkin. Gor. zhur. [illegible] Jl '60.

MINE GASES
(see also subdivision under Donets Basin; Kuznetsk Basin)
Experimental investigation of the inflammability of methane-air mixtures under the effect of explosions. [illegible] Dubnov, N. N. Bakharevich, V. I. Vasil'eva. Vzryv. delo no. 44:100-122 '60.
Ignition of methane-air mixtures by the hot products of combustion. N. M. Kopacko and others. Vzryv. delo no. 44:123-131 '60.
Leakage through edges of gas[illegible] [illegible] Izv. vys. ucheb. zav.; gor. zhur. [illegible]

[illegible]

(see also subdivision under Donets Basin, Kuznetsk Basin)

Air stream parameters characterizing the dust carried out of [illegible] coal mines. I. A. Rybchenko. Izv. vys. ucheb. zav.; gor. zhur. no. 7:18-21 '60.

Effect of a heat-equalizing air stem on the mean monthly temperature of the ventilation stream in the mine [with summary in English]. O. V. Dubanov. Dop. AN URSR [illegible] 777 '60.

Effect of the heat of rock on the average yearly temperature of the ventilation blast in a mine [with summary in English]. O. V. Dubanov. Dop. AN URSR no. 4:471-476 '60.

Installation of new designs of mine fans. M. T. Matveev, [illegible]. Ugol' Ukr. 4 no. 6:36-37 Je '60.

Rod'kin, I. S. [Ventilation in the course of mine building] Provetrivanie gornykh vyrabotok pri stroitel'stve shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 163 p.

MINE VENTILATION—COLD WEATHER CONDITIONS

[illegible], M. M. [Heating of mine shafts] Otoplenie shakhtnykh stvolov. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 204 p.

MINE WATER

[illegible] water [illegible] control in shaft sinking. [illegible] Shakht. stroi. 4 no. 7:8 Jl '60.

MINERAL AGGREGATES

Using coal and collodion-coal replicas for studying fracture surfaces of mineral aggregates. G. B. Grimmenko, A. I. Gorshkov, E. P. Frolova. Zap. Vses. Min. ob-va 89 no. 2:[illegible] 150 '60.

MINERAL OILS

Effect of lead and copper naphthenates on the destruction of [illegible] in lubricating oils. [illegible] Kaplan, V. L. [illegible], N. I. [illegible]. Khim. i tekh. topl. i masel 5 no. 7:[illegible] Jl '60.

MINERAL WATER BIOLOGY see subdivision under Karaganda region, Tselinnyi region

MINERAL WATERS

(see also subdivision under Borzhomi, Khmel'nik, Truskavets)

[illegible], V. M. [Mineral waters and their use in therapy] Mineral'nye vody i ikh lechebnoe primenenie. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 101 p. [illegible]

Mineral waters. [illegible] A. [illegible]. Zdorov'e 6 no. 8 [illegible] '60.

MINERAL WOOL

[illegible] the production of mineral wool batts by the method [illegible]. [illegible]. Mont. i spets. rab. v stroi. [illegible] '60.

[illegible] mineral wool on multiroller centrifuges. A. P. [illegible], V. A. Andreev, [illegible] Rodov. Mont. i spets. rab. v stroi. [illegible] no. 7:[illegible]-20 Jl '60.

MINERAL'NYE VODY DISTRICT—ADULT EDUCATION

[illegible] the active members of the Communist Youth League. Vladimir [illegible]. Mol. kommunist no. 8:[illegible] Ag '60.

MINERALOGICAL CHEMISTRY

[illegible] analysis of lead minerals. T. N. Bura-[illegible]. Uch. zap. LGU no. 291:151-172 '60.

MINERALOGY

(see also subdivision under Azov region, Bulaklay region, Transbaikalia, Uzbekistan)

[illegible] of the distribution of accessory minerals [illegible] Paleozoic intrusive rocks in the southwestern [illegible] Central Range (Central Asia). P. S. Kozlova. [illegible] no. 27:[illegible] '59.

Crystallization order of accessory minerals as exemplified [illegible] igneous rocks of the Kuram and Chatkal Ranges (Central Asia). [illegible] no. 27:[illegible] '59.

First all-Union conference held in Kiev on X-ray study of raw minerals. V. A. Frank-Kamenetskii, I. V. Mikheeva, F. P. Zal'dau. Zap. Vses. min. ob-va 89 no. 2:257-259 '60.

[illegible] and epigenesis of minerals. A. S. Uklonskii. Zap. [illegible] Vses. min. ob-va [illegible] '59.

MINERALOGY—TERMINOLOGY

[illegible] of minerals. Report No. 1. A. G. [illegible]. Vest. AN Kazakh. SSR 16 no. 5:80-84 My '60.

MINERALOGY, DETERMINATIVE

Lviv. Universytet. [Mineralogy of sedimentary formations] Voprosy mineralogii osadochnykh obrazovanii. Otvet. red. E. K. Lazarenko. [L'vov]
Books 3 and 4. 1956. 673 p.

MINERALS—OPTICAL PROPERTIES

[illegible] measurements of the reflectivity of ore minerals. A. I. Rakhmanov. Geol. rud. mestorozh. no. 3:119-120 My-Je '60.

[illegible] IN SOIL

(see also subdivision under Tomsk Province)

Studying the transition of strontium and calcium in the biological cycle from soils into plants and animals [with summary in English]. G. D. Litovchenko, S. A. Shipitsyn. Zhur. ob. biol. 21 no. 4:297-300 Jl-Ag '60.

MINERALS IN THE BODY

Change in the amount of some mineral elements in rabbits' muscles following temporary loosening of a tourniquet. O. D. Kushmanova. Uch. zap. 2-go MGMI 17:137-140 '58.

Cobalt and nickel in the blood of rheumatic children during the active phase of the disease. A. I. Pauk. Vestsi AN BSSR. Ser. biial. nav. no. 2:127-129 '60.

Influence of a tourniquet on the amount of certain mineral elements in the muscles of rabbits. O. D. Sidorenko. Uch. zap. 2-go MGMI 17:49-57 '58.

Influence of chilling the extremities on the amount of some mineral elements in rabbits' muscles during the application and removal of a tourniquet. O. D. Sidorenko. Uch. zap. 2-go MGMI 17:113-119 '58.

Trace element concentration in the organism of patients with stomach cancer. I. S. Hal'ko. Vestsi AN BSSR. Ser. biial. nav. no. 3:117-126 '60.

MINERS—DISEASES AND HYGIENE see subdivision under Krivoy Rog

MINERS—MEDICAL CARE see subdivision under L'vov-Volyn' Basin

MINERS—SONGS AND MUSIC see subdivision under Donets Basin

MINERS IN LITERATURE AND ART

Main subject. L. Krylovskaia. Mast. ugl. 9 no. 7:25 Jl '60.

MINES AND MINERAL RESOURCES

(see also subdivision under Poland, Siberian Platform; Ukraine)

Benefit from the summertime for carrying out geological prospecting. Razved. i okh. nedr 26 no. 5:1-4 My '60.

Meetings of the Collegium of the Ministry of Geology and Conservation of Mineral Resources of the U.S.S.R. Razved. i okh. nedr 26 no. 5:59-62 My '60.

Sarmilo, G. V., D. M. Kirzhner, and M. A. Menkovskii. [Chemical industry and mining] Khimicheskaia i gornaia promyshlennost'. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 76 p.

Ways of improving the underground system of mining in apatite mines. N. A. Afanas'ev, V. I. Abramov. Khim. prom. no. 1:51-57 Ja '60.

MINES AND MINERAL RESOURCES—BIBLIOGRAPHY see Bibliography—Mines and mineral resources

MINGECHAUR RESERVOIR—PLANKTON

Primary biological production in the Mingechaur Reservoir. M. A. Salmanov. Dokl. AN Azerb. SSR 16 no. 4:401-405 '60.

MINIATURE PAINTING, PERSIAN—EXHIBITIONS see subdivision under Moscow

MINING ENGINEERING

(see also subdivision under Dzhezkazgan; Kuznetsk Basin)

Chukseev, IA. K. [Mine building under difficult geological conditions] Shakhtnoe stroitel'stvo v slozhnykh gornogeologicheskikh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 230 p.

Computing devices for dispatcher control in mines. V. P. Bakhgol'ts. Mekh. i avtom. proizv. 14 no. 6:34-37 Je '60.

Drift mining in foreign countries. G. I. Man'kovskii. Shakht. stroi. 4 no. 7:30-32, 3 of cover Jl '60.

Drift mining using the method of sectionalized deep hole blasting. M. I. Vlasov, IU. P. Golovin, V. N. Baryshev. Gor. zhur. no. 7:39-40 Jl '60.

Estimates of expectant ore drawing and depletion during recovery under an overlying rock burden. G. M. Malakhov. Gor. zhur. no. 7:21-26 Jl '60.

Expedient limits for the use of hard ore breaking by deep boreholes or by blasting charges. E. D. Prilipenko. Gor. zhur. no. 7:47-50 Jl '60.

Explosions are building a mine. M. Hasmash. Ukraina no. 11:6 Jl '60.

Holing and breaking-off of coal by the method of blasting water stemmed hole charges. A. D. Ignat'ev and others. Ugol' Ukr. 4 no. 6:28-30 Je '60.

Making an intermediate entry at a speed of 250 m. per month. I. P. Shchenko, I. M. Silin, V. I. Lobunets. Shakht. stroi. 4 no. 7:28-29 Jl '60.

Making fuller use of the potentials of short-delay blasting. F. M. Gel'fand. Ugol' 35 no. 7:31-34 Jl '60.

Mechanism of hard rock breaking by means of blasting. A. IA. Riabukha, P. F. Zemskov. Ugol' 35 no. 5:53-57 My '60.

Mindeli, E. O. [Boring and blasting operations in mining] Burovzryvnye raboty pri provedenii gornykh vyrabotok. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 454 p.

[illegible] building in complicated mining geology conditions" by IA. K. Chukseeva. Reviewed by S. I. Zakalinskii. Shakht. stroi. 4 no. 7:3 of cover Jl '60.

Organizing boring and blasting operations in Estonian shale mines. A. M. Allik. Vzryv. delo no. 44/1:173-178 '60.

Practices of the Krivoy Rog mines, "Bolshevik" and "Gigant" should be adopted by all mines. Gor. zhur. no. 7:3 Jl '60.

Rod'kin, I. S. [Ventilation in the course of mine building] Provetrivanie gornykh vyrabotok pri stroitel'stve shakht. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 163 p.

Splitting of coal and rock by tearing away. A. F. Kichigin, A. D. Saltanov, V. D. IArema. Izv. vys. ucheb. zav.; gor. zhur. no. 7:75-81 '60.

Use of thermit for breaking oversize rock lumps. V. A. Zhelvakov, S. M. Petukhov. Shakht. stroi. 4 no. 7:25 Jl '60.

MINING ENGINEERING—ABSTRACTS

[Mining; abstracts nos. 8689-10193.] Ref. zhur.: Gor. delo no. 8 Ag '60.

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—COSTS

Cost of maintaining field workings. F. M. Aripova. Izv. AN Uz. SSR. Ser. tekh. nauk. no. 3:50-67 '60.

MINING ENGINEERING—SAFETY MEASURES

Leakage through edges of gas barriers. I. I. Vakhrameev. Izv. vys. ucheb. zav.; gor. zhur. no. 7:59-67 '60.

"Prevention and control of endogenous fires by silting in the process of sulfide ore deposit mining" by B. K. Sereda, D. I. Sazhin, K. G. Bubok. Reviewed by A. V. Kulikov, V. V. Kulikov, N. F. Artiukhin. Gor. zhur. no. 7:76-79 Jl '60.

Using systems with large-scale caving for ores and enclosing rocks subject to spontaneous combustion. V. A. Sobko, V. N. Smirnov, N. I. Chesnokov. Gor. zhur. no. 7:31-36 Jl '60.

MINING ENGINEERING—STUDY AND TEACHING

Give a realistic basis to the final projects of students. A. Sukhanov, F. Kucherlavyi, P. Shishkov. Mast. ugl. 9 no. 6:22 '60.

MINING GEOLOGY

Chukseev, IA. K. [Mine building under difficult geological conditions] Shakhtnoe stroitel'stvo v slozhnykh gornogeologicheskikh usloviiakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1959. 230 p.

Gorodnichev, V. M. [Modern methods of controlling the swelling of rocks] Sovremennye metody bor'by s pucheniem gornykh porod. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 99 p.

"Mine building in complicated mining geology conditions" by IA. K. Chukseeva. Reviewed by S. I. Zakalinskii. Shakht. stroi. 4 no. 7:3 of cover Jl '60.

MINING MACHINERY

Fedorov, M. M. [Selected works in two volumes] Izbrannye trudy v dvukh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 2. 1960. 462 p.

Khadzhikov, R. N. [Problems on mechanical engineering in mining] Zadachnik po gornoi mekhanike. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 331 p.

Mechanization of mining operations. S. V. Golubov, A. M. Fedorov. Shakht. stroi. 4 no. 7:1-6 Jl '60.

Tikhonov, N. V. [Mining machinery] Gornaia mekhanika. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 334 p.

Virabov, A. A. [Operator of machines and mechanisms for underground mine haulage] Mashinist shakhtnykh mashin i mekhanizmov podzemnogo transporta. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 210 p.

MINING MACHINERY—MAINTENANCE AND REPAIR—BIBLIOGRAPHY see Bibliography—Mining machinery—Maintenance and repair

MINING RESEARCH

Methodological conference concerning "Research on mining methods eliminating the constant presence of workers in the longwall." V. F. Erofeev. Ugol. 35 no. 7:61-62 Jl '60.

MINSK—AMATEUR ART ACTIVITIES

A review of creative work. Ul Harachun. Belarus' 17 no 7:5 Jl '60

MINSK—AMATEUR RADIO STATIONS

20200 contacts with amateur radio stations. P Pakhil'ka. Belarus' 17 no. 5:3 My '60.

MINSK—ART SCHOOLS

They like their studies. V. Akun'kova. Belarus' 17 no. 8:8 Ag '60.

MINSK—AUTOMOBILE INDUSTRY
Girls. V.Platnov. Belarus' 17 no.7:17 Jl '60.
Skilled producers of high-strength metal. M.Boranski. Belarus' 17 no.7:23 Jl '60.

MINSK—BOOKSELLERS AND BOOKSELLING
Well done! M.IAftman. Belarus' 17 no.7:5 Jl '60.

MINSK—BOOKSTORES
It's good! M.IAftman. Belarus' 17 no.5:26 My '60.

MINSK—CLOTHING INDUSTRY
Experience of the technical information bureau of the "Krupskaia" factory in organizing exchange of advanced practices. M.M.Zeif. Shvein.prom. no.3:37 My-Je '60.

MINSK—CONSERVATORIES OF MUSIC
Nine music schools. Z.Nastaenko. Belarus' 17 no.5:12 My '60.

MINSK—EVENING AND CONTINUATION SCHOOLS
A school of communist labor. L.Zakharenko, A.Mamontov. Agitator no.14:40-42 Jl '60.

MINSK—FLIGHT TRAINING
Favorite occupation. B.Vinogradov. Kryl.rod. 11 no.7:11 Jl '60.

MINSK—FOUNDING
Using new technological processes. G.Galaida, Z.Gataudinov. NTO 2 no.7:34 Jl '60.

MINSK—LIBRARIES
History of Minsk libraries. A.Ratner. Belarus' 17 no.5:20 My '60.

MINSK—MACHINERY INDUSTRY
On the new road. Vasilii Danilovich. Belarus' 17 no.8:14-15 Ag '60.

MINSK—MOTION-PICTURE FESTIVALS
A motion-picture festival. Belarus' 17 no.7:5 Jl '60.

MINSK—MUSIC—COMPETITIONS
Young musicians from four republics. Sov.muz. 24 no.6:135-137 Je '60.

MINSK—RADIO INDUSTRY
A school of communist labor. L.Zakharenko, A.Mamontov. Agitator no.14:40-42 Jl '60.

MINSK—SHOEMAKERS
With the shoemakers of Minsk. A.Dlugach. Prom.koop. 14 no.6:33 Je '60.

MINSK—THEATER
In Minsk theaters. IU.Slafed. Belarus' 17 no.8:28 Ag '60.

MINSK—TONSILS—DISEASES
Incidence of chronic tonsillitis in the enterprises and in children's homes in Minsk. N.P.Kniga, V.IA.Gapanovich. Zdrav.Belor. 4 no.1:7-8 Mr '58.

MINSK—TRACTOR INDUSTRY
Unquenchable fire. A.Vylenski, P.Khanina. Rab.i sial. 36 no.6:2-3 Je '60.

MINSK PROVINCE—DAIRYING
Abreast with the farmers of Ryazan Province. M.Makarovich. Belarus' 17 no.5:4 My '60.

MINSK PROVINCE—EFFICIENCY, INDUSTRIAL
There will be millions like these. P.Glebov. NTO 2 no.7:6 Jl '60.

MIRNYY REGION, ANTARCTICA—ICE
Structural characteristics of the marginal zone of the Antarctic ice cover in the Mirnyy area. N.A.Savel'ev. Inform.biul.Sov.antark.eksp. no.18:9-10 '60.

MIRONOVKA—SUGAR BEETS—FERTILIZERS AND MANURES
Practices of the Mironovka Experimental Station. N.A.Groshev. Nauka i zhizn' 27 no.5:78-79 My '60.

MIRZAANI REGION—PETROLEUM—ANALYSIS
Investigating the oil fractions of Mirzaani petroleum. T.N.Charkviani. Soob.AN Gruz.SSR 24 no.4:395-400 Ap '60.

MISCONDUCT IN OFFICE see subdivision under Kiev

MISHKINO DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Staffed with nonsalaried personnel. V.Propkin. Agitator no.14:55 Jl '60.

MISSIONS see subdivision under New Guinea

MISSOURI RIVER—DESCRIPTION AND TRAVEL
Off the highway. Ben Burman. Vokrug sveta no.6:20-21 Je '60.

MISTLETOE—THERAPEUTIC USE
Treatment of hypertension with mistletoe preparations. T.A.Glukhon'kii, IU.D.Popov, A.P.Revinskaia. Vrach.delo no.7:25-28 Jl '60.

MITES
(see also subdivision under Alma-Ata region, Kiev Province, Kopylka Valley, Siberia, Eastern, Transbaikalia)
Method of collecting Trombiculidae mites. I.I.Zhovtyi, E.G.Shluger. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:177-187 '57.
New species of gamasid mites (Parasitiformes, Gamasoidea). B.I.Pirianyk. Pratsi Inst.zool.AN URSR 15:97-105 '59.

MITOCHONDRIA
Study of oxidative phosphorylation in isolated mitochondria of human blood platelets. N.B.Chernyak, [illegible] Dokl.AN SSSR 131 no.5:1168-1170 Ap '60.

MITRAL VALVE—ABNORMITIES AND DEFORMITIES
Asymmetry of the electrocardiogram in the diagnosis of mitral defects. M.IA.Laufer. Med.zhur.Uzb. no.12:61-64 D '58.

MITRAL VALVE—SURGERY
Commissurotomy in mitral stenosis. N.I.Iurlovskii, T.M.Savchenko. Kaz.med.zhur. 40 no.4:[illegible] '59.
Koralev, B.A., ed. [Surgery in mitral stenosis] Khirurgiia mitral'nogo stenoza. Gor'kii, Gor'kovskii gos. med. in-t im. S.M.Kirova, 1959. 140 p. (ONLM)

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956—HOMES AND HAUNTS
A house behind tall spruce trees. I.[illegible] Belarus' 17 no.8:10 Ag '60.

MIXING MACHINERY
(see also subdivision under Germany, West)
New mixing machines for cold concrete. [illegible] Mekh.stroi. 17 no.5:[illegible] '60.
Preparing facing sand in model 115 pug mills. E.V.Shtengel' model. Lit.proizv. no.7:10 Je '60.
Sectional plastic mixers. G.V.Zhemchuzhin. Khim.mash. no.4:40-41 Jl-Ag '60.

MIXING MACHINERY—STANDARDS
Mixing runners with vertically rotating rolls. V.D.Bogomolov. Standartizatsiia 24 no.6:[illegible] '60.

MIXTURES
Additivity of the viscosity logarithms of liquid [illegible] A.B.Zdanovskii. Zhur.fiz.khim. 34 no.6:[illegible] Je '60.

MODELING
How to prepare clay for modeling. [illegible] no.5:[illegible] My '60.
Modeling. V.[illegible] Sem'ia i shkola 15 no.6:[illegible] Je '60.

MODELS AND MODELMAKING
How to make a dismountable model of a cultivator. P.P.Isakov. [illegible] 20 no.6:[illegible] Je '60.
Making models from window pane glass and organic glass. A.Makarov. Shkola i proizv. 4 no.6:75-76 Je '60.
Modeling in plaster of Paris from blue prints. A.S.Akhmetov. Shkola i proizv. 4 no.6:71-72 Je '60.

MODERN HISTORY see History, Modern

MODULATION (ELECTRONICS)
Delta modulation is a new [illegible] G.N.Bonikova. [illegible] '59.
Equipment for the measurement of [illegible] welding current in resistance welding. [illegible] Svar.proizv. no.6:15-16 Je '60.

MOGILEV DISTRICT—WOMEN AS FARMERS
First steps. N.Sinelkova. Rab.i sial. [illegible] '60.

MOGILEV PROVINCE—BANKS AND BANKING
The effectiveness of credit-payment accounts. S.Medvedev, E.Galynskaia. Den.i kred. 18 no.7:59-61 Jl '60.

MOGILEV PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
A man from the land of Karachai. S.Kostenich. Belarus' 17 no.7:6 Jl '60.

MOISSI, ALEXANDER, 1880-1935
Alexander Moissi. A.Nikolaev. Teatr 21 no.7:161 Jl '60.

MOISTURE
Avdus', P.B., and P.N.Dykhno. [Tables for converting readings of measuring devices of the VP-4, VE-2 and VE-2m moisture meters into moisture percentage of grain crops with corrections made for temperature] Tablitsy perevoda pokazanii izmeritelei vlazhnosti VP-4, VE-2 i VE-2m v protsenty vlazhn. zernovykh kul'tur s uchetom temperaturnykh popravok. Moskva, Izd-vo tekhn.i ekon.lit-ry po voprosam mukomol'no-krupianoi, kombikormovoi promyshl. i elevatorno-skladskogo khoz., 1959. 220 p.

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[illegible]

MO[illegible]
[illegible]

MO[illegible]
[illegible]

The first steps. N.F. Pisarenko. Kul't i zhizn' 4 no. 6:32-33 '60.

MOLDAVIA—RETAIL TRADE
Foksha, L.T. [Trade of the Moldavian S.S.R. in the seven-year plan] Torgovlia Moldavskaia SSR v semiletke. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 90 p.

MOLDAVIA—STRONGYLOIDIASIS
Cases of strongyloidiasis. G.K.Burlak. Zdravookhranenie 3 no. 3:58-59 My-Je '60.

MOLDAVIA—WIRE BROADCASTING
Monthly safety engineering inspection. Vest. sviazi 20 no. 6:28-29 Je '60.

MOLDAVIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Moldavian literature

MOLDING (FOUNDING)
Mechanized assembly line for sand-slinger molding. A.S.Shuper, L.IA.Molokhin. Lit. proizv. no. 7:14-16 Je '60.
Studying the porosity of molding materials and molds [with summary in English]. O.M.Tsybryk. Dop. AN URSR no. 4:468-472 '60.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES
Using the method of high-pressure forming in making molds. I.O.Sokolovskii. Mashinostroitel' no. 7:30-37 Jl '60.

MOLDING MACHINES
Automatic device for counting shakings and switching off molding machines. B.I.Alekseev, V.M.IAnkelevich. Mekh. i avtom. proizv. 14 no. 6:37-39 Je '60.

MOLE CRICKETS
Kotakhidze, D.N. [The common mole cricket (Gryllotalpa gryllotalpa L.) in the U.S.S.R.] Obyknovennaia medvedka (Gryllotalpa gryllotalpa L.) v SSSR. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 70 p.

MOLECULAR BEAMS—MEASUREMENT
Selector for investigating molecule velocity. V.B.Leonas, V.K.Rubtsov. Prib. i tekh. eksp. no. 2:115-116 Mr-Ap '60

MOLECULAR SPECTRUM see Spectrum, Molecular

MOLECULES
Molecular sieve. IU.Davydov. Nauka i zhizn' 27 no. 6:64 Je '60.

MOLLUSKS
(see also subdivision under L'gov District)
Heat resistance of the muscular tissue of sea mollusks. T.A.Dzhamusova. TSitologiia 2 no. 3:274-280 My-Je '60.

MOLLUSKS—PARASITES see Parasites—Mollusks

MOLLUSKS, FOSSIL see subdivision under Bug Valley

MOLOCHNOYE, LAKE—BENTHOS
Some data on the composition of the bottom fauna of Molochnyy Lagoon in the Sea of Azov region [with summary in English]. I.P.Lubianov. Biul. MOIP. Otd. biol. 65 no. 1:55-60 Ja-F '60.

MOLODECHNO PROVINCE—ANAPLASMOSIS
Anaplasma marginale in the northernmost part of its range. P.S.Ivanova. Trudy Inst. zool. AN Kazakh. SSR 12:94-95 '60.

MOLOTOV PROVINCE see Perm Province

MOLYBDENITE see subdivision under Transbaikalia

MOLYBDENUM see subdivision under Kara-Mazar Mountains

MOLYBDENUM—ANALYSIS
Molybdenometry. Report No. 2: Titration of hexavalent molybdenum by means of a solution of a trivalent molybdenum salt [with summary in English]. A.I.Busev, Li Gyn. Zhur. anal. khim. 15 no. 2:191-199 Mr-Ap '60.

MOLYBDENUM—PHYSIOLOGICAL EFFECT
Variation in the structural elements of mechanical tissue in the stems of grasses induced by molybdenum. S.M.Mashtakov, A.Z.Denisova. Biul. Inst. biol. AN BSSR no. 3:143-145 '58.

MOLYBDENUM—SPECTRA
"Growth curves" of certain spectral lines of molybdenum and nickel. Zh.Zheenbaev, V.Engel'sht. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2:55-58 '59.

MOLYBDENUM-CHROMIUM ALLOYS see Chromium-molybdenum alloys

MOLYBDENUM-NICKEL ALLOYS see Nickel-molybdenum alloys

(see also subdivision under Buryat-Mongolia)
Assaying holes drilled in molybdenum stockworks and determining the coefficient K in G Chechott's formula. V.A.Babushkin. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 1:107-111 Ja '60.

MOLYBDENUM ORES—CLASSIFICATION
Classification of molybdenum deposits. N.A.Khrushchev. Geol. rud. mestorozh. no. 6:52-67 N-D '59.

MOLYBDENUM OXIDE
Effect of the content of molybdenum oxide on the activity of alumina-molybdenum oxide catalysts in the process of destructive hydrogenation at low pressure. IA.R.Katsobashvili, A.A.Popov. Zhur. prikl. khim. 33 no. 7:1613-1617 Jl '60

MONASTERIES see subdivision under Kiev

MONASTRYSHCHINA—RESTAURANTS, LUNCHROOMS, ETC.
Tea room in Monastyrshchina. F.Kovalenko. Sov. potreb. koop. 4 no. 6:13-15 Je '60

MONEY
(see also subdivision under Indonesia)
Improvement of the Soviet monetary system. V.Karabekov. Blok. agit. [1 en.] no. 15:18-23 My '60.
Necessity of money in the expanding development of communism. Z.Atlas, A.Rubkin. Den. i kred. 18 no. 8:14-24 Ag '60.
The new ruble is coming. IA.Miletskii. Ogonek 38 no. 28:21 Jl '60
Prepare for thoroughly and conduct the exchange of money in an organized manner. A.Korovushkin. Den. i kred. 18 no. 7:5-15 Jl '60.
Role of money in the future development of the national economy of the U.S.S.R. V.Vorob'ev, N.Gorchakov. Den. i kred. 18 no. 8:3-13 Ag '60.
"Russian monetary system" by I.G.Spasskii. Reviewed by M.Zorov. Znan. sila 35 no. 7:52 Jl '60.
The Soviet ruble will increase its power tenfold. A.Poliachenko. Otv. na vop. trud. no. 115:12-17 '60.
Useful aids for bank workers. IU.Shenger. Den. i kred. 18 no. 7:85-86 Jl '60.
Vlasenko, V.E. [Monetary reform in Russia, 1895-1898] Denezhnaia reforma v Rossii, 1895-1898 gg. Kiev, Izd-vo Akad. nauk USSR, 1949. 217 p.

MONGO (BANTU TRIBE)
The Nkita system; tribal relations among the Nkundos based on materials of the end of the 19th and beginning of the 20th century. D.A.Ol'deroggo. Trudy Inst. etn. 54:173-195 '60.

MONGOLIA
Brief news. Sovr. Mong. no. 1:40 Ja-F '58.
Brief news. Sovr. Mong. no. 2:35-36 Mr-Ap '58.
Brief news. Sovr. Mong. no. 5:40 S-O '58.
Demidov, S.A. [Mongolian People's Republic] Mongol'skaia Narodnaia Respublika. Moskva, Gos. izd-vo geogr. lit-ry, 1952. 55 p. (8 karty mira)
[The Mongolian People's Republic] Mongol'skaia Narodnaia Respublika. Ulan-Bator, Komitet nauk Mongol'skoi Narodnoi Respubliki, 1956. 123 p.

MONGOLIA—AGRICULTURAL CREDIT
Expansion of the Mongolian State Bank's credit relations with agricultural associations. L.Lkhamsuren. Den. i kred. 18 no. 7:46-52 Jl '60.

MONGOLIA—AGRICULTURAL POLICY
On the way to great reorganizations. D.Damba. Sovr. Mong. no. 5:1-5 S-O '58.
Socialist reorganization of Mongolian agriculture. Sovr. Mong. no. 2:21-25 Mr-Ap '58.

MONGOLIA—AMMONOIDEA
New genus of the family Popanoceratidae. V.E.Ruzhentsev. Paleont. zhur. no. 2:110-113 '60.

MONGOLIA—BALLET
The first Mongolian ballet. R.Tamir. Sovr. Mong. 5 no. 5:35-37 My '60.

MONGOLIA—BOOKBINDING
Friendship between workers and the intelligentsia. E.Bator. Sovr. Mong. 5 no. 5:14-15 My '60.

MONGOLIA—BUDGET
Budget system of the Mongolian People's Republic. D.Zham'ian. Sovr. Mong. 5 no. 5:23 My '60.

MONGOLIA—CHESS
Development of chess in the Mongolian People's Republic. Sovr. Mong. no. 4:33 Jl-Ag '58.

MONGOLIA—CIRCUS
Mongolian State Circus. A.Sharav. Sovr. Mong. no. 1: 21-25 Ja-F '58.

MONGOLIA—COAL MINES AND MINING
"Nalaikha-Kapital'naia" in the ranks of the active. Kh.Gombozhav. Sovr. Mong. no. 1:3-6 Ja-F '58.

At the "Happiness of labor" Cooperative. M.Zham'ian. Sovr. Mong. 5 no. 5:12-13 My '60.

MONGOLIA—COMMERCE
Development of domestic and foreign trade. O.Delgerzhav. Sovr. Mong. no. 4:22-26 Jl-Ag '58.

MONGOLIA—COMMUNIST PARTY—CONGRESSES
Thirteenth Congress of the Mongolian People's Revolutionary Party. Sovr. Mong. no. 2:1-5 Mr-Ap '58.

MONGOLIA—COOPERATIVE SOCIETIES
An honorable duty. D.Demchig. Prom. koop. 14 no. 6:32 Je '60.

MONGOLIA—DESCRIPTION AND TRAVEL
Through our country. Sovr. Mong. 5 no. 5:38-40 My '60.

MONGOLIA—EARTHQUAKES
Earthquake of the December 4, 1957 in the Gobi Altai. S.Baldan, V.Bor. Sovr. Mong. no. 1:36-39 Ja-F '58.

MONGOLIA—ECONOMIC CONDITIONS
The family of the poor arat. TS.Damdinsuren. Sovr. Mong. no. 5:22-30 S-O '58.
Steady rise in the prosperity and culture of the Mongolian people. D.Niamkhu. Sovr. Mong. no. 4:11-16 Jl-Ag '58.

MONGOLIA—FIELD MICE
Plague outbreak among Brandt's field voles in the Mongolian People's Republic. V.V.Shkilev, E.A.Griaznov, P.T.Sychevskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:50-59 '58.

MONGOLIA—FLEAS
Epidemiological role of predatory mammals in Mongolia. N.D.Emel'ianova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:285-291 '57.

MONGOLIA—FOOD INDUSTRY
Food production enterprises in the Mongolian People's Republic. Zh.Badamzhav. Sovr. Mong. no. 4:17-18 Jl-Ag '58.

MONGOLIA—FOREIGN ECONOMIC RELATIONS
Expansion of trade and economic relations of the Mongolian People's Republic [with English summary in appendix]. M.Meshcheriakov. Vnesh. torg. 30 no. 7:26-28 '60.

MONGOLIA—FOREIGN RELATIONS
Brief news. Sovr. Mong. no. 4:37 Jl-Ag '58.
Clear manifestation of brotherly love among socialist countries. Ch.Surenzhav. Sovr. Mong. no. 4:9-13 Jl-Ag '58.
History of the foreign relations of the Mongolian People's Republic (1921-1945). B.Lkhamsuren. Sovr. Mong. no. 1:11-20 Ja-F '58.

MONGOLIA—FOREIGN RELATIONS—RUSSIA
Historical ties of the Mongolian and Russian peoples in the past. TS.Puntsagnorov. Sovr. Mong. no. 2:6-20 Mr-Ap '58.

MONGOLIA—GRAIN
Responsible tasks of Mongolian grain producers. TS.Lokhuza. Sovr. Mong. 5 no. 5:10 My '60.

MONGOLIA—LOCAL GOVERNMENT
[Basic acts concerning local organs of the State government in the Democratic Republic of Vietnam, the Korean People's Democratic Republic, and the Mongolian People's Republic; a collection of documents] Osnovnye normativnye akty o mestnykh organakh gosudarstvennoi vlasti i upravleniia Demokraticheskoi Respubliki V'etnam, Koreiskoi Narodno-Demokraticheskoi Respubliki i Mongol'skoi Narodnoi Respubliki; sbornik dokumentov. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 214 p. (Mestnye organy gosudarstvennoi vlasti i upravleniia zarubezhnykh sotsialisticheskikh gosudarstv)

MONGOLIA—MARMOTS
Study of pasteurellosis epizootia among marmots in eastern Mongolia. From "Materialy po gryzunam," Number 4, 1951. V.V.Kucheruk, V.A.Riutin, T.K.Dunaeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:253-254 '57.

MONGOLIA—MEDALS
Mongolian orders and medals. D.Batsukh. Sovr. Mong. 5 no. 5:24-27 My '60.

MONGOLIA—MUSIC
Mongolian music. S.Gonchiksumla. Sovr. Mong. no. 2: 29-32 Mr-Ap '58.

MONGOLIA—PIONEERS (COMMUNIST YOUTH)
The Mongolian Pioneer organization is 35 years old. B.Suren. Sovr. Mong. 5 no. 5:20-21 My '60.

MONGOLIA—PLAGUE
Materials on plague epidemiology in the Mongolian People's Republic. Z.S.Kudinova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:99-103 '59.

MONGOLIA—POLITICS AND GOVERNMENT
The Second Session of the Great People's Council of the Mongolian People's Republic. L.Altangerel. Sovr. Mong. no.2:6-8 Mr-Ap '58.
The victory of the Mongolian People's Revolution. L.Bimbadorzh. Sovr.Mong. no.4:1-6 Jl-Ag '58.

MONGOLIA—RAILROADS
Development of railroads in the Mongolian People's Republic. D.Lavsanmaivan. Sovr.Mong. no.5:8-12 S-O '58.

MONGOLIA—RELATIONS (GENERAL) WITH CHINA
With the help of People's China. D.Batsukh. Sovr. Mong. no.5:17-20 S-O '58.

MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA
On the wings of friendship. A.Denisovich. Sovr.Mong. no.5:14-16 S-O '58.

MONGOLIA—RESEARCH
Research work of Mongolian scientists in 1959. Sh.Tsegmid. Sovr.Mong. 5 no.5:26-30 My '60.

MONGOLIA—SHEEP
Sheep breeding in the Mongolian People's Republic. M.Dash. Sovr.Mong. no.4:19-21 Jl-Ag '58.

MONGOLIA—SOCIAL CONDITIONS
Certain features of the Mongolian People's Republic in the transition period from feudalism to socialism. H.Kambar. Sovr.Mong. 5 no.5:30-34 My '60.
For your information; facts and numbers. Sovr.Mong. no.5:6-7 S-O '58.
Happy holiday of toil and peace. Sovr.Mong. 5 no.5:1-4 My '60.
New Year's speech by Zh.Sambu, chairman of the Presidium of the Great National Council of the Mongolian People's Republic. Sovr.Mong. no.1:1-4 Ja-F '58.

MONGOLIA—SPORTS
Our athletes are becoming more prominent on the international scene. G.Batarchulun. Sovr.Mong. no.4:27 Jl-Ag '58.
Physical culture and sports in the Mongolian People's Republic. Sovr.Mong. 5 no.5:41-44 My '60.

MONGOLIA—STATE FARMS
Agriculture at the Onon State Farms. Zh.Molom. Sovr. Mong. 5 no.5:10-11 My '60.

MONGOLIA—TICKS
Haemaphysalis warburtoni nuttall 1912 in Mongolia. N.D. Emel'ianova. Izv.Irk.gos.nauch. issl.protivochum. inst. 15:319-331 '57.

MONGOLIA—TOURISM
Touring in the Mongolian People's Republic. O.Ad'ia. Sovr.Mong. no.2:31-34 Mr-Ap '58.

MONGOLIA—VETERINARY HYGIENE
Veterinary service in our country during the past five years. P.Shinzhe. Sovr.Mong. no.1:7-8 Ja-F '58.

MONGOLIA—WOMEN AS FARMERS
Convention of women workers. A.Dashdulam. Sovr.Mong. 5 no.5:19-20 My '60.

MONGOLIA—YETI
The almas, the Mongolian counterpart of the snow man. Rinchen. Sovr.Mong. no.5:34-36 S-O '58.

MONGOLIAN ALTAI—RODENTIA
Rodents of the southeastern part of the Mongolian and the contiguous Gobi Altai. M.P.Tarasov. Izv.Irk.gos. nauch.-issl.protivochum.inst. 19:60-71 '58.

MONGOLIAN LITERATURE—HISTORY AND CRITICISM
Mongolian folk literature. V.Kliueva. Sovr.Mong. no.4:28-31 Jl-Ag '58.
Old Mongolian literature. Ts.Damdinsuren. Sovr. Mong. no.1:25-27 Ja-F '58.

MONGOLIAN MANUSCRIPTS see Manuscripts, Mongolian

MONILIASIS
Candidomycosis in the clinical aspects of pulmonary tuberculosis. P.I.Kashchukovskaia, V.A.Kostetskaia. Pat.,klin.i terap.tub. no.8:267-268 '59.

MONKEYS
Conditioned motor chain reflexes in monkeys. G.I.Shirkova, G.I.Verevkina. Dokl.AN SSSR 133 no.3:710-713 Jl '60.

MONKEYS AS LABORATORY ANIMALS see subdivision under Sukhumi

MONOCHROMATORS
Theory of neutron crystal monochromators (review) IU.G.Abov. Prib.i tekh.eksp. no.2:3-13 Mr-Ap '60.

MONONUCLEOSIS
Thymol-veronal test in scarlet fever, diphtheria, and infectious mononucleosis. N.M.Peshkova. Kaz.med. zhur. 40 no.5:49-51 S-O '59.

MONROE DOCTRINE
Monroe Doctrine? V.Valuiskii, I. Rubinshtein. Ogonek 38 no.30:6-7 Jl '60.

MONSTERS
Monstrous fables. I.Akimushkin. Znan.-sila 35 no.6: 34-36 Je '60.

MONT BLANC—TUNNELING
Constructing a tunnel under Mont Blanc. Transp.stroi. 10 no.5:56-57 My '60.

MONT BLANC—TUNNELS
Two tunnels. V.Klimova. Tekh.mol. 28 no.5:25-26 '60.

MONTMORILLONITE
Effect of acidic activation and electrodialysis on the lyophilic properties of montmorillonite [with summary in English]. F.D.Ovcharenko, I.I.Markov. Dop. AN URSR no.6:809-812 '60.
Effect of chemical activation and electrodialysis on the composition and structure of montmorillonite [with summary in English]. F.D.Ovcharenko, I.I.Markov. Dop. AN URSR no.6:839-843 '60.

MOON—OBSERVATIONS
Photographic polarimetry of the moon with light filters. N.P.Barabashov, I.I.Koval'. Izv.Kom.fiz.plan. no.1:55-58 '59.

MOON—SPECTRA
Investigating in three spectrum regions the degree and the angle of position of the plane of polarization of light reflected by lunar features. I.K.Koval'. Izv.Kom. fiz.plan. no.1:11-16 '59.

MOON—SURFACE
Photometric uniformity of the moon's surface. N.P. Barabashov and others. Izv.Kom.fiz.plan. no.1: 67-70 '59.
Probable dimensions of the unevenness of microrelief of the moon's surface. N.N.Sytinskaia. Izv.Kom.fiz. plan. no.1:38-41 '59.
Rocks which most correspond to those of the moon's surface. N.P.Barabashov, V.I.Chekirda. Izv.Kom. fiz.plan. no.1:19-26 '59.
Spectrophotometry of lunar features. [illegible] Izv.Kom.fiz.plan. no.1 [illegible]
Structure of surface layers on the moon. [illegible] Barabashov, V.I.Garazha. Astron. [illegible] no.21:30 '60.
Their names are immortalized. D.Bichnin, V. [illegible] Znan.-sila no.6:[illegible] Je '60.

MOON, THEORY OF
Some calculations of the thermal history of the moon. B.IU.Levin, S.V.Maeva. Dokl.AN SSSR 133 no.1: 44-47 Jl '60.

MORAL EDUCATION
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Education of students' personalities in groups] Formirovanie lichnosti shkol'nika v kollektive. Moskva, 1959. [illegible] p. (Pedagogicheskie chteniia)
Moral education of youth in the works of N.I. [illegible] Sov.pedag. 24 no.4:40-53 Ap '60.

MORAL REARMAMENT
'Moral rearmament' [illegible] Nauka i zhizn' [illegible]

MORALS AND ART see Art and morals

MORDOVIA—COLLECTIVE FARMS—FINANCE
Capital investments of collective farms in the Mordovian A.S.S.R. A.Kopylov. Den.i kred. 18 no.8:[illegible] Ag '60.

MORDOVIA—HISTORY
Mordovskaya A.S.S.R. Tsentral'nyi gosudarstvennyi arkhiv. [Mordovia during the consolidation of the Soviet regime and the civil war; documents and materials] Mordoviia v period ustanovleniia Sovetskoi vlasti i grazhdanskoi voiny; dokumenty i materialy. Redkollegiia: M.V.Dobrynin, N.N.Mishin, [illegible] Saransk, Mordovskoe knizhnoe izd-vo, 1959. 431 p.

MORDOVIA—PENSIONS
One for all and all for one. IA.Fomichev. Sots.obesp. 21 no.6:24 Je '60.

MORDVINIAN A.S.S.R. see Mordovia

MOROZOV, ALEKSANDR ALEKSANDROVICH, 1902-
Aleksandr Aleksandrovich Morozov [illegible] VNIIG 56:[illegible] '60.

MORPHINE
Some data on the treatment of patients with obliterating endarteritis by the intra-arterial use of a [illegible] saline solution combined with redergam. [illegible] A.G.Oshinskii. Vest.khir. [illegible]

MORPHOGENESIS
Cell migrations in the morphogenesis of the hydroid polyp Campanularia integra [with summary in English]. L.V. Beloussov. Zhur.ob.biol. 21 no.4:279-288 Jl-Ag '60.

MORPHOLOGY (ANIMALS)
[illegible]

no.6,66-67 Je '60.

At the "Urban Development" Exhibition. Zhil.stroi. no.7:8a-8d Jl '60.

"Urban Development" Exhibition. Stroi.i arkhit.Mosk. 9 no.5 5 My '60.

MOSCOW—BUILDING MACHINERY—EXHIBITIONS

New building machinery at the exhibition organized in connection with the All-Union Conference on Urban Development. A.T.Chistiakov. Mekh.stroi. 17 no.7: 21-23 Jl '60.

MOSCOW—CARGO HANDLING

Unloading lumber in the Southern Harbor. F.Vinogradov. Rech.transp. 19 no.5:43-44 My '60.

MOSCOW—CHAMBER MUSIC

Chamber works by Moscow composers. V.Zak. Sov.muz. 24 no.6,11-43 Je '60.

The Moscow Chamber Orchestra. G.Iudin. Sov.muz. 24 no.7:147 Jl '60.

A student chamber orchestra. Mikhail Eikhtengol'ts. Sov.muz. 24 no.6:149 Je '60.

MOSCOW—CHILDREN—MANAGEMENT

Some thoughts in connection with the reorganization of schools. T Pavlilova. Nar obr no.7 103-106 Jl '60

MOSCOW—CHORAL SINGING

Choral music resounds. G.P. Sov.muz. 24 no.7:142-141 Jl '60.

MOSCOW—CHORAL SOCIETIES

Choral music resounds. Sov.muz. 24 no.6:143 Je '60.

MOSCOW—CHURCHES

Moscow churches in the past and present. N A Teodorovich Mat i issl inst otd inst po izuch SSSR no 12/13 59-73 F-Mr '60

A song in stone M Ter Avanesova Smena 37 no 10 30 My '60

MOSCOW—CITY PLANNING

Architects, get to the construction site! G.Maslennikov. Moskva 4 no.7:199-201 '60

For new successes in Soviet urban development Gor. khoz.Mosk 34 no 6 1 4 Je '60

Good qualities and shortcomings of construction in the southwestern district of Moscow. V Shkvarikov, V.Lavrov, L.Kuloga Arkhit SSSR no.6 8 18 '60.

[Greater Moscow] Bol'shaia Moskva. [Moskva] Mosk. rabochii, 1960. 63 p. (V pomoshch agitatoru i propagandistu)

Greater Moscow I Lovelko Ogonek 38 no 23 30 Je '60

Moscow in 1005 I Lovelko Nauka i zhizn' 27 no 5 37-41 My '60

New districts on the map of the capital. N.Gubankov. Zhil.stroi. no.6:4 7 Je '60

Planning and building the southwestern districts of Moscow. V.A.Shkvarikov. Izv.ASIA no.2:11-30 '60.

The urban development of Moscow in a new stage. I Lovelko Stroi i arkhit Mosk 9 no 5 3-4 My '60

Volodin, P.A., and others. [New districts of Moscow] Novye raiony Moskvy. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1960. 204 p. (Opyt sovetskoi arkhitektury)

MOSCOW—CITY TRAFFIC

Reorganization of traffic in two squares. Za bezop. dvizh. no.6:2 3 of cover Je '60.

MOSCOW—CIVIC IMPROVEMENT

My house and my yard! G Kulikovskaia Ogonek 38 no 24:17 Je '60

MOSCOW—CLOTHING INDUSTRY

An obsolete procedure in the distribution of models. V.Rodionov. Sov.torg. 33 no.6:59 Je '60.

A women's clothing store. IA.Liubinskii. Sov.torg. 33 no.6:34-35 Je '60.

MOSCOW—COAL MINERS

Joy of creativeness. Zh.Sakhnovskaia. Mast.ugl. 9 no.6:25 '60.

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Always with the people; from experience in mass political work of Moscow party organization] Vsegda s narodom; iz opyta massovo-politicheskoi raboty partorganizatsii g. Moskvy. [Moskva] Mosk. rabochii, 1960. 12 p.

Kozlova, L. A. [Moscow communists in the struggle for the victory of the collective farm system, 1927-1933] Moskovskie kommunisty v bor'be za pobedu kolkhoznogo stroia, 1927-1933 gg. [Moskva] Mosk. rabochii, 1960. 104 p.

Vocation. V.Arkhipenko. Polit.samoobr. 4 no.5:106-110 My '60.

Polianovskii, Elena Katul'skaia, I.IAmpol'skii. Sov.muz. 24 no.7:138-142 Jl '60.

Noteworthy premieres. I.Nest'ev. Sov.muz. 24 no.7 131-137 Jl '60.

MOSCOW—CONSTRUCTION INDUSTRY

In the Executive Committee of the Moscow City Soviet. Stroi.i arkhit.Mosk. 9 no.7:3 of cover Jl '60.

"Introducing industrial methods into the housing construction of Moscow" by V.F Promyslov Reviewed by V S.Pevzner Gor khoz Mosk 34 no 6 40-3 of cover Je '60

Make an all-out effort to fulfill the plan of the second half year Stroi.i arkhit.Mosk 9 no.7:1 Jl '60.

Several problems of wage organization in construction. M.Mozhina. Vop.ekon no.8:140-152 Ag '60.

MOSCOW—COOKERY, RUSSIAN

Russian dishes A.Dugach. Obshchestv.pit no 6:31 Je '60.

MOSCOW—CORRESPONDENCE SCHOOLS AND COURSES

More consideration to be given to correspondence courses D T.Protasov. Spirt.prom 26 no.5 29 '60.

MOSCOW—COSTS, INDUSTRIAL

Economic conference of industrial and academic workers in the Kiev District of Moscow. E.Pospelova, E.Vasil'eva. Vop.ekon. no.8:146-148 Ag '60.

MOSCOW—CULTURE

[From study to work] Ot ucheby k trudu. Moskva, Vses. uchebno-pedagog.izd-vo Proftekhizdat, 1960. 164 p.

MOSCOW—DELIVERY OF GOODS

Transportation agencies. Gor.khoz.Mosk. 34 no.7:14 Jl '60.

MOSCOW—DRAMA FESTIVALS

One's own and someone else's. IU.Rybakov. Teatr 21 no.7:107-115 Jl '60.

MOSCOW—EDUCATION, COOPERATIVE

Cooperation between a factory and a school. S.Frenkel'. Prof.-tekh.obr. 17 no.6:17-19 Je '60.

MOSCOW—ELECTRIC INDUSTRIES

"Here every stone knows Lenin . . ." Zh Aleksandrova Okhr truda i sots strakh 3 no 3 12-15 Mr '60

MOSCOW—ELECTRIC NETWORKS

The Moscow power system. B.Abramov. Otv.na vop. trud. no.113:18-23 '60.

MOSCOW—ENAMEL AND ENAMELING

Moscow enamel of the 17th century. L.M.Suslov. Sov.arkheol. 4 no.2:208-219 '60.

MOSCOW—ENSEMBLES (MUSIC)

Ensemble of Don Cossacks. G.P. Sov.muz. 24 no.6: 151 Je '60.

MOSCOW—EVENING AND CONTINUATION SCHOOLS

Time to knowledge. I.Lifshits. Sem'ia i shkola 15 no.6,7 Je '60.

MOSCOW—EXAMINATIONS

Notes on the examinations for proficiency certificates. L.P.Bogoslovskaia. Obshcheobr.shkola vzrosl. no.1:91 Ja-F '60.

MOSCOW—EXHIBITIONS

At our friends' exhibition. Radio no.7:10-20, 22 Jl '60.

At the British exhibition "Plastics in Industry." I.Karev. Vnesh.torg. 30 no.7:16 '60.

Big exhibition of a small country. Znan.sila 35 no.6:37 Je '60.

The course of the seven-year plan IA Miletskii Ogonek 38 no 24 2-3 Je '60

"Czechoslovakia in 1960." Arkhit.SSSR no.7:58-60 '60.

"Czechoslovakia in 1960" exhibition. S.Krylov. Nauka i zhizn' 27 no.7:40-44 Jl '60.

Czechoslovakia in 1960. I.Vladimirov. Znan.sila 35 no.6:13-15 Je '60.

Czechoslovakia in the Sokol'niki. P Pronin. Kul't i zhizn' 4 no.7 50-51 '60

Exhibition of French measuring instruments. D.Lidin. Avtom.,telem.i sviaz' 4 no.6:43-45 Je '60.

Exhibition of Soviet urban development Gor khoz Mosk 34 no 5 6 My '60

Exhibition of the K.Zeiss People's Enterprise. G.Pemsel. Izm.tekh. no.7:64 Jl '60.

Exhibitions in Moscow, London, Paris. M.V.Nesterov. Nov.vrem. 18 no.31:20 Jl '60.

For new achievements of the national economy. Mont.i spets.rab.v stroi. 22 no.7:1-3 Jl '60.

Hungarian industrial exhibition in Moscow. Vest.mash. 40 no.7:81-82 Jl '60.

Important objectives of the Exhibition of Achievements of the National Economy of the U.S.S.R. A.F.Shchegolev. Mekh.i avtom.proizv. 14 no.6:4-6 Je '60.

Je '60.

Low voltage apparatus and electric machines at the Exhibition of Achievements of the National Economy of the U.S.S.R. during 1959. Prom energ. 15 no.5. 61 My '60.

Made in France L.Grinilev Nauka i zhizn' 27 no 5 68-69 My '60

Modern Finnish architecture at the industrial exhibition in Moscow. Arkhit.SSSR no.7:61-64 '60.

New exhibits in the Transportation Pavilion at the Exhibition of Achievements of the Soviet National Economy. A Zebin Avt transp 38 no 7 51-54 Jl '60

Television apparatus at the "French Measuring Instruments" exhibition. Tekh.kino i telev. 4 no.6:96-97 Je '60.

Three colors of Africa B.Kartashev Ogonek 38 no 28 7 Jl '60

Vystavka dostizhenii narodnogo khoziaistva SSSR. [Weekly program for the exhibition of Achievements of the Soviet National Economy] Programma na nedeliu. Moskva.
No. 12. [March 21-27, 1960] S 21 po 27 marta, 1960. 28 p.

Yugoslav exhibition of consumers' goods. A.Il'ina. Vnesh. torg. 30 no.7:15-16 '60.

MOSCOW—FAÇADES

Repairing and painting façades in 1960 N IA.Kovalev Gor khoz Mosk 34 no 5 8-12 My '60

Some problems in repairing façades V A Semenenko, M B Lobanov Gor khoz Mosk 34 no 5 7-8 My '60

MOSCOW—FURNITURE INDUSTRY

Workers of the Moscow furniture industry are striving for technical progress. F.T.Gavrilov Der.prom. 9 no 5:1-3 My '60.

MOSCOW—GLADIOLUS—DISEASES AND PESTS

Yellowing of gladioli caused by the infection with Sclerotinia gladioli (Mass.) Dray. E.P.Protsenko, B.A. Chelyshkina. Biul.Glav.bot.sada no.36:95-99 '60.

MOSCOW—GUIDEBOOKS

[Moscow; a concise guidebook] Moskva; kratkaia adresno-spravochnaia kniga. Moskva, Mosk. rabochii, 1948. 300 p.
(DBC)

MOSCOW—HEATING FROM CENTRAL STATIONS

Conference on efficient methods for centralized heating in Moscow Gor khoz Mosk 34 no 5 27-28 My '60

Seven-year plan for the expansion of centralized heating in Moscow N I Sazonov Gor khoz Mosk. 34 no 5: 21-26 My '60

MOSCOW—HOSPITALS

Expansion of the construction of hospitals A Suris Stroi i arkhit Mosk 9 no 5 9-10 My '60.

MOSCOW—HOT-WATER HEATING

Gasification of boiler rooms. Z IA.Vekaler Gor khoz Mosk 34 no 5 19-20 My '60

MOSCOW—HOTELS, TAVERNS, ETC.

Outlook for the development of hotels V F Golovachev Gor khoz Mosk 34 no.5 14-17 My '60.

MOSCOW—HOURS OF LABOR

Preparing for the transition to the seven-hour day. K.Indzhibeli. NTO 2 no.7:45 Jl '60.

MOSCOW—INDUSTRIAL MANAGEMENT

[Organization of industrial management and planning; practice of the Moscow City Economic Council] Organizatsiia upravleniia i planirovaniia promyshlennosti; opyt Moskovskogo gorodskogo sovnarkhoza. Moskva, Gosplanizdat, 1960. 273 p.

MOSCOW—INDUSTRIES

Let's successfully carry out the resolutions of the July Plenum of the Central Committee of the CPSU. Gor. khoz.Mosk. 34 no.7:1-2 Jl '60.

MOSCOW—JOURNALISM

Foreign scholars as guests of Moscow University journalists. Vest.Mosk.un.Ser.7:Filol.,zhur. 15 no.3:91 My-Je '60.

MOSCOW—LABOR AND LABORING CLASSES

[Such people will not let you down] Takie ne podvedut. [Moskva] Mosk. rabochii, 1960. 122 p.

MOSCOW—LANDSCAPE GARDENING

Our gardenlike yard N Ryzhov. Zhil.-kom khoz. 10 no 6 20-21 '60.

MOSCOW—LAUNDRIES, PUBLIC

Let's improve the work of municipal laundries Zhil.-kom khoz 10 no.6 1-2 '60.

MOSCOW—LIBRARIES

K.D. Ushinskii State Library of Public Education and its tasks. M.A.Anashkina. Bibliot. SSSR no.13:95-105 '60.

Moscow. Publichnaia biblioteka. [Moscow Public Library in 1958] Gosudarstvennaia ordena Lenina biblioteka SSSR imeni V.I.Lenina v 1958 godu. Moskva, 1959. 49 p.

MOSCOW—MACHINE-TOOL INDUSTRY

How we introduced the shortened workday. V.Khokhlushin. Polit samoobr. 4 no.6:97-101 Je '60

MOSCOW—MECHANICAL ENGINEERING—EXHIBITIONS

"Contact with production." Vsem.stud.nov. 14 no.3/4: 27-28 Mr-Ap '60.

MOSCOW—MEDICAL COLLEGES

Kovanov, V.V. [Outline history of the I.M.Sechenov First Medical Institute in Moscow] Ocherki po istorii I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova. [Moskva] Medgiz, 1959. 747 p.
(MIT)

MOSCOW—MEDICAL EMERGENCIES

For human life. I.M.Hryhorovs'kyi. Nauka i zhyttia 10 no.7:44-45 Jl '60.

MOSCOW—METALLURGICAL LABORATORIES

In the laboratories of the Moscow Automobile Factory. A.D.Assonov. Zav.lab. 26 no.7:895-897 '60.

MOSCOW—METALLURGICAL PLANTS

Do you know? Kul't. i zhizn' 4 no.7:26-27 '60.

MOSCOW—MINIATURE PAINTING, PERSIAN—EXHIBITIONS

"The "Babur Nameh" miniatures [with English summary in insert]. S.Pevzner. Sovr.Vost. no.7:30 Jl '60.

MOSCOW—MONUMENTS

Designs for a memorial in honor of V.I.Lenin. M.Barkhin. Iskusstvo 23 no.5:16-22 '60.

MOSCOW—MOTORBUS LINES—COST OF OPERATION

Ways of increasing the profitableness of the municipal public transportation system. R.A.Rekitar. Gor.khoz. Mosk. 34 no.7:16-19 Jl '60.

MOSCOW—MUNICIPAL ENGINEERING

Municipal sanitation services. P.T.Prikhodnikov. Gor. khoz.Mosk. 34 no.5:32-34 My '60.

MOSCOW—MUNICIPAL SERVICES

A follow-up of materials published in "Gorodskoe khoziaistvo Moskvy." Gor.khoz.Mosk. 34 no.6:38-39 Je '60.

In the district soviets. Gor.khoz.Mosk. 34 no.5:39-40 My '60.

In the Executive Committee of the Moscow City Soviet. Gor.khoz.Mosk. 34 no.6:39 Je '60

Let's successfully carry out the resolutions of the July Plenum of the Central Committee of the CPSU. Gor. khoz.Mosk. 34 no.7:1-2 Jl '60.

Pay unremitting attention to the improvement of our city. Gor.khoz.Mosk. 34 no.5:1-4 My '60

Selivanov, T.A. [Constructing apartment houses and buildings serving cultural and public needs and introducing improvements in Moscow in 1960] Zhilishchnoe i kul'turno-bytovoe stroitel'stvo i blagoustroistvo Moskvy v 1960 g. [Moskva] Mosk.rabochii, 1960. 40 p. (V pomoshch' agitatoru i propagandistu)

System of enterprises serving workers' needs in Frunze District. V.P.Isaev. Gor.khoz.Mosk. 34 no.7:28-31 Jl '60.

Toward new standards of communist labor. Gor.khoz. Mosk. 34 no.6:1-2 Je '60.

MOSCOW—MUNICIPAL SERVICES—STUDY AND TEACHING

Problems in training specialized workers for municipal services. N.S.Nozdrin. Gor.khoz.Mosk. 34 no.6: 31-33 Je '60.

MOSCOW—MUSEUMS

Karpachova, N. [State Museum of Oriental Cultures] Gosudarstvennyi muzei vostochnykh kul'tur. Moskva, Gos.izd-vo izobraz.iskus., 1959. 12 p.
(RPB)

MOSCOW—MUSIC—ANALYSIS, APPRECIATION

For a more broad dissemination of theoretical knowledge! G.Golovinskii. Sov.muz. 24 no.7:51-54 Jl '60.

Inculcate love for music. E.A.Grokhol'skaia. Obshcheobr. shkola vzrosl. no.1:82-83 Ja-F '60.

MOSCOW—MUSIC, CZECH

Czech composers. Sov.muz. 24 no.6:147 Je '60.

MOSCOW—MUSIC, DAGHESTAN

Music of Daghestan. Georgii Polianovskii. Sov.muz. 24 no.6:138-140 Je '60.

MOSCOW—MUSIC, UKRAINIAN

New operas, ballets, musical comedies. Nikolai Mikhailov. Sov.Ukr. 10 no.7:167-171 Jl '60

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

Children of all lands. N.Sheremet'evskaia. Teatr 21 no.8:172-175 Ag '60.

MOSCOW—OPERA

"Betrothal in a cloister." I.Nest'ev. Teatr 21 no.6: 78-80 Je '60

"Damnation of Faust" by Berlioz. Vl.Simonov. Sov. muz. 24 no.6:140-141 Je '60.

MOSCOW—ORIENTAL STUDIES—BIBLIOGRAPHY

Treasure house of oriental publications [with English summary in insert]. E.Vainshtein. Sovr.Vost. no.7: 55-56 Jl '60.

MOSCOW—ORTHODOX EASTERN CHURCH

Easter night in the Patriarchal Cathedral of the Epiphany in Moscow. I.Khibarin. Zhur.Mosk.Patr. no.5 25-29 My '60

Saint Nicholas' Church at Khamovniki in Moscow. P.Uzhumtsev. Zhur.Mosk.Patr. no.6:36-40 Je '60.

MOSCOW—PAINTINGS—EXHIBITIONS

"Across Italy." E.Larionova. Kul't i zhizn' 4 no.6: 36-37 '60

"Soviet Russia" exhibition. V.Bibikov. Sov.voin 42 no.10:10-11 My '60.

Varied interpretations of the thematic picture. P.Pavlov. Iskusstvo 23 no.6:19-20 '60.

MOSCOW—PAINTINGS, ENGLISH—EXHIBITIONS

Art of three centuries. I.Kuznetsova. Kul't i zhizn' 4 no.7:53 '60

MOSCOW—PARKS

Improve the services of workers' recreation periods. Gor.khoz.Mosk. 34 no.5:5 My '60

Summertime in the parks of the capital. S.I.Mavrodi. Gor.khoz.Mosk. 34 no.6:14-15 Je '60

MOSCOW—PEACE—CONGRESSES

Speech of Metropolitan Nikolai at the Conference of the Soviet Community of Moscow, May 10, 1960. Zhur. Mosk.Patr. no.6:56-58 Je '60.

MOSCOW—PHOTOGRAPHS

Moscow and Moscow's people in the pictures of foreign photographers. A.Lavin. Sov.foto 20 no.6:38-39 Je '60.

MOSCOW—PHOTOGRAPHY—EXHIBITIONS

Seven-year plan in action. Sov.foto 20 no.3:2-5 Mr '60.

"Socialism scores victories." N.V.Popova. Sov.foto 20 no.3:6-7 Mr '60.

MOSCOW—PHYSICS—STUDY AND TEACHING

Description of the physics auditorium and the laboratory for physics demonstrations at Moscow State University. M.A.Grabovskii, M.V.Malinin, S.I.Usagin. Usp.fiz. nauk 71 no.3:515-524 Jl '60.

MOSCOW—PLANT INTRODUCTION

Moscow. Glavnyi botanicheskii sad. [Ornamental perennials; brief results of introduction at the Main Botanical Garden of the Academy of Sciences of the U.S.S.R.] Dekorativnye mnogoletniki; kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR, 1960. 333 p.

MOSCOW—PLAYBILLS

At six o'clock in the morning. N.Chernova. Teatr 21 no.6:150-151 Je '60

MOSCOW—PLUMBING—STUDY AND TEACHING

Plumbers master the latest technology. I.Prostapenko. Prof.-tekh.obr. 17 no.6:7-8 Je '60.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee.] Biulleten' Ispolnitel'nogo komiteta Moskovskogo gorodskogo soveta no.15 Ag '60.

MOSCOW—POSTAL SERVICE

Continuous lines for handling printed matter at the Moscow post office. V.A.Bruker, R.I.IUrasovskaia. Vest. sviazi 20 no.6:19-20 Je '60.

MOSCOW—PRECAST CONCRETE

Industrial supply base for large-panel housing construction in Moscow. S.P.Matorov. Bet.i zhel.-bet. no.6: 251-253 Je '60.

MOSCOW—PRINTING—TECHNOLOGICAL INNOVATIONS

Following the example of Kolomna workers. IA.Kurt. NTO 2 no.7:53 Jl '60.

MOSCOW—RAILROADS—FREIGHT

Efficient organization of transportation in containers. S.S.Sheftelevich, F.A.Mocharnyi. Zhel.dor.transp. 42 no.6:69-70 Je '60.

[illegible]

Create recreation areas in the backyards of apartment houses. [illegible] Gor.khoz.Mosk. 34 no.6:18-20 Je '60

Summertime recreation of workers in [illegible] District. N.N.Sidorov. Gor.khoz.Mosk. 34 no.6:[illegible] Je '60

MOSCOW—RED SPIDER

Fauna and ecology of spider mites. I.I.Antonova. Biul. Glav.bot.sada [illegible] '60

MOSCOW—REINFORCED CONCRETE

Andrei Andiukhov's group of communist labor. M.A. Mukin. Transp.stroi. 10 no.6:1 Je '60.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

At the exhibition of [illegible] in the [illegible] "Berlin." [illegible] Je '60

MOSCOW—RETAIL TRADE

[To] improve the system of commercial enterprises in Moscow. M.G.Kudinova. Gor.khoz.Mosk. 34 no.7: 30-40 Jl '60

Organizing the summer [illegible] Gor.khoz.Mosk. 34 [illegible] '60

Supply more summer [illegible] Gor.khoz. Mosk. 34 no.6:36 [illegible] '60

MOSCOW—REVOLUTION OF 1905

The Moscow Bolsheviks during the period of preparation for the armed uprising of December, 1905. O.E. Tishchenko. [illegible] no.5:315-324 '58.

Report of Antonov [illegible] V.K. [illegible] concerning events in Presnya during December, 1905. P.G.Kulikovskii. Ist.arkh. 6 no.3:101-106 My-Je '60.

MOSCOW—SCHOOL EXCURSIONS

[illegible]

MOSCOW—SEWAGE

Introduce technical improvements in water supply and sewer systems of Moscow. [illegible] Gor.khoz. Mosk. 34 no.6:12-15 Je '60

MOSCOW—SMALLPOX

On the track of [illegible] 37 no.10:14-15 [illegible] '60

MOSCOW—SOCIALIST COMPETITION

Socialist obligations of Moscow [illegible] '60

MOSCOW—STEEL INDUSTRY—SAFETY MEASURES

[illegible] My '60

MOSCOW—STREET RAILWAYS—COST OF OPERATION

Ways of increasing the profitableness of the municipal public transportation system. R.A.Rekitar. Gor.khoz. Mosk. 34 no.7:16-19 Jl '60.

MOSCOW—STRING QUARTETS

Quartet of the [illegible] Sov.muz. 24 no.6:142 Je '60.

MOSCOW—STUDENT ACTIVITIES

On a self-service basis. [illegible] Je '60.

The role of [illegible] Je '60.

MOSCOW—SUBWAYS

Emel'ianov, G.P., [illegible] [Moscow subway] Moskovskii metropoliten. 2d ed., rev. [Moskva] Mosk.rabochii, 1959. 63 p. illus.

Inspired work of Moscow subway builders. A.P.Kozalov. Transp.stroi. 10 no.5:4-5 My '60.

Investigating the passenger flow in a subway. V.P.[illegible]vin, B.B.Kagarov. Gor.khoz.Mosk. 34 no.7:19-24 Jl '60.

Outlook for the expansion of the Moscow subway. V.D. Poleshaev. Gor.khoz.Mosk. 34 no.7:8-? Jl '60.

Today's subway. [illegible] 35 no.5:42 My '60

Transit time of passengers of the Moscow subway. I.M. IAkushkin. Gor.khoz.Mosk. 34 no.7:24-26 Jl '60.

MOSCOW—SUGAR INDUSTRY

Krasnopresnenskii Sugar Refinery is 100 years old. P.A.Gr[illegible] Sakh.prom. 34 [illegible] Jl '60.

MOSCOW—SYMPHONY ORCHESTRAS

The Conservatory Orchestra [illegible] Sov. muz. 24 no.6:142 Je '60.

MOSCOW—TAXICABS

For the population of the capital. [illegible] Je '60.

MOSCOW—TECHNICAL EDUCATION

Public university for [illegible] man. NTO 2 no.7:47 Jl '60

OSCOW—TECHNICAL LIBRARIES

Work of the Central Scientific Technical *Library of* Mechanical Engineering. A. Budikhin. Mashinostroitel' no. 7:29 Jl '60.

OSCOW—TEXTILE INDUSTRY

Scouts report G Anzimirov Smena 37 *no* 11 2-3 Je '60

OSCOW—*THEATER*

"Autumn dawns." T. Kniozevskaia Teatr 21 no 6·74-76 Je '60

"Comedy on Frol Skobeev." O. Aizenshtat. Teatr 21 no. 7:99-101 Jl '60.

"Companions." G Zorina. Teatr 21 no 6 86-87 Je '60.

"Dangerous age." Vl. Pimenov. Teatr 21 no. 7:97-99 Jl '60.

"First meeting." Anatolii Aleksin. Teatr 21 no. 7:96-97 Jl '60.

Friendship of peoples is friendship of cultures. Vladimir Skorobogatov. Sov. Ukr. 10 no. 8 134-142 Ag '60.

"He said no.!" Z. Vladimirova. Teatr 21 no. 8:117-119 Ag '60.

"The Irkutsk story." V. Rozov Teatr 21 no 6 80-81 *Je '60*

May performances. E. Davydova. Sov. Ukr. 10 no. 8· 157-170 Ag '60.

Music in the 'Sovremennik" theater studio. E. Mikhailova, V. Il'in. Sov. muz. 24 no. 7:114-117 Jl '60.

"My youth." IU. Smolkov. Teatr 21 no. 8:114-115 Ag '60.

"Sold out" in Moscow. Teatr 21 no. 7:154 Jl '60.

"Song of the wind." O. Dziubinskaia Teatr 21 no 6· 82-83 Je '60.

"Superior being." A. Mikhailova. Teatr 21 no. 7:102-104 Jl '60.

"Three comrades." T. Motyleva. Teatr 21 no. 8:110-112 Ag '60.

"Twelfth hour." K. Shcherbakov. Teatr 21 no. 7·89-91 Jl '60.

MOSCOW—THEATERS

[Moscow theaters; reference book] Teatry Moskvy; spravochnik. [Moskva] Mosk. rabochii, 1960. 170 p.

MOSCOW—TRAFFIC ENGINEERING

Reconstruction of the Sadovoye Loop. V. A. Cherepanov. Gor. khoz. Mosk. 34 no. 7·3-7 Jl '60.

MOSCOW—TRAFFIC SURVEYS

Investigating the passenger flow in surface transportation. A. I. Tomilin. Gor. khoz. Mosk. 34 no. 7·17-19 Jl '60.

MOSCOW—TRANSIT SYSTEMS

City passenger transportation in the summer of 1960 V. I. Fadeev Gor. khoz. Mosk 34 no 6·28-29 Je '60

Mechanization and automation in the municipal electric transportation system. N. A. Papkov. Gor. khoz. Mosk. 34 no. 7:11-14 Jl '60.

MOSCOW—TRANSPORTATION

Improving urban transportation. I. Kalinnikov. NTO 2 no 7:37 Jl '60

MOSCOW—TRANSPORTATION, AUTOMOTIVE

Reduce the idle periods of automotive transportation units. IU. N. Korobeinikov. Gor. khoz. Mosk. 34 no. 7:9-10 Jl '60.

Results of the competition for the quality of production in organizations of the Main Administration of Motorized Freight Transportation in the City of Moscow. M. E. Dereviankin. Gor. khoz. Mosk. 34 no. 7:26-27 Jl '60.

MOSCOW—TRAVEL AGENTS

Transportation agencies. Gor. khoz. Mosk. 34 no. 7:14 Jl '60.

MOSCOW—TROLLEY BUSES

Trolley buses without conductors. N. Rubinskii, V. Spiskov. Zhil.-kom. khoz. 10 no. 6:25-26 '60.

MOSCOW—UNDERPASSE'

Underground traffic intersections in Moscow. V. I. Buteskul, IU. S. Volodarskii. Transp. stroi. 10 no. 6:19-23 Je '60.

MOSCOW—UNIVERSITIES AND COLLEGES

University of longevity. Iorish. Nauka i zhizn' 27 no. 6: 77-78 Je '60.

MOSCOW—VEGETABLE TRADE

Vegetable markets in Moscow. N. Egorov Sov. torg. 33 no 7:20-24 Jl '60.

MOSCOW—VIADUCTS

Construction of the Krasnaya Presnya Viaduct in Moscow. I. E. Arshavskii, IU. M. Mitrofanov, I. F. Rrachev. Transp. stroi. 10 no. 7:17-21 Jl '60.

MOSCOW—VOCATIONAL EDUCATIOI

[From study to work] Ot ucheby k trudu. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 104 p.

MOSCOW—WATER-SUPPLY ENGINEERING

Expansion of the Moscow water-supply system Gor khoz Mosk 33 no 6 35 Je '60

Introduce technical improvements in water-supply and sewer systems of Moscow. G. S. Gorin. Gor khoz. Mosk. 34 no. 7:32-35 Jl '60.

MOSCOW—WIRE BROADCASTING

Collective of the Moscow Wire Broadcasting Network has switched to a seven-hour workday. R. M. Asoian. Vest. sviazi 20 no. 4·22-23 Ap '60.

MOSCOW—WOODWORKING INDUSTRIES—FIRES AND *FIRE PREVENTION*

When the collective workers group said "no" to fires. M. Danilin. Pozh. delo 6 no. 7:3-5 Jl '60.

MOSCOW, BATTLE OF, 1941

Moscow climate and falsifiers of history. IU. N. IAblochkin. Ist. SSSR 4 no. 3:179-183 My-Je '60.

MOSCOW BASIN—COAL MINES AND MINING

After one year in Mine no. 37. K. Konstantinov. Mast. ugl. 9 no. 6·11 '60.

MOSCOW BASIN—LIGNITE

Drying process, ashing, and volatile yield of a layer of Moscow lignite with overhead ignition [with summary in English, p. 2]. V. A. Parilov. Teploenergetika 7 no. 7:39-44 Jl '60.

MOSCOW PROVINCE—AERONAUTICS

Activists. N. Balakin, M. Lebedinskii. Kryl. rod. 11 no 6,3-4 Je '60.

MOSCOW PROVINCE—CATALOGS, SCHOOL

[Where to study; handbook for students entering institutions of higher learning and secondary schools (technical schools) of Moscow and Moscow Province in 1960] Kuda poiti uchit'sia, spravochnik dlia postupaiushchikh v vysshie i srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly) Moskvy i Moskovskoi oblasti v 1960 godu. [Moskva] Izd-vo "Moskovskaia pravda."

Vol. 14. 1960. 263 p.

MOSCOW PROVINCE—CERAMIC INDUSTRIES

Expansion of glass and ceramic manufacture in Moscow Province. A. D. Evdokimenko. Stek. i ker. 17 no. 7: 39-41 Jl '60.

MOSCOW PROVINCE—CHEMICAL INDUSTRIES

Change-over to the 7-hour workday and a new system o wages at the enterprises of the chemical industry of the Moscow Province Economic Council A V Levin Khim prom. 2:157-101 Mr '60.

MOSCOW PROVINCE—CORN (MAIZE)

Development of endosperm in flint corn. I. A. Palamarchuk. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no. 3: 47-53 My-Je '60.

MOSCOW PROVINCE—ECONOMIC POLICY

A review of the Moscow and Moscow Province regional economic council archive collections. L. I. Davydova, L. I. Datsenko. Ist. arkh. 6 no. 3:172-185 My-Je '60.

MOSCOW PROVINCE—ELECTROMETALLURGY

TSukanov, V. P. [Example of Moscow area metallurgists] Primer metallurgov Podmoskov'ia. [Moskva] Mosk. rabochii, 1960. 57 p.

MOSCOW PROVINCE—FORESTRY RESEARCH

Restless hearts. A. Logofet. NTO 2 no. 7:55 Jl '60.

MOSCOW PROVINCE—FURNITURE INDUSTRY

Standardization of subassemblies and specialization of production in the furniture industry. V. A. Sizov. Der. prom. 9 no. 7:1-4 Jl '60.

MOSCOW PROVINCE—GLASS MANUFACTURE

Expansion of glass and ceramic manufacture in Moscow Province. A. D. Evdokimenko. Stek. i ker. 17 no. 7: 39-41 Jl '60.

MOSCOW PROVINCE—INDUSTRIAL SAFETY

Experience of the best should be accessible to all enterprises I. Rysakov Okhr. truda i sots. strakh 3 no 3 41 Mr '60.

MOSCOW PROVINCE—INLAND NAVIGATION

Waterways in the service of the inhabitants of Moscow. N. V. Miasnikov. Gor. khoz Mosk. 34 no 6·9-13 Je '60

MOSCOW PROVINCE—INSURANCE, SOCIAL

Organizational work of the province department. A. Vaziulin Sots obesp. 21 no. 5,5-10 My '60.

MOSCOW PROVINCE—MILK

Economic effectiveness of increasing the fat content of milk. T. Zasiadnikov. Ekon. sel'khoz. 31 no. 6·32-37 Je '60.

MOSCOW PROVINCE—PEASANTRY

The peasant movement in the Moscow Government, March - October, 1917 I. S Urina Nauch dokl vys shkoly, ist nauki no 2 50-65 '60

MOSCOW PROVINCE—PHYSICAL GEOGRAPHY

Cirque-like gullies in Moscow Province. N. P. Matveev. Biul. MOIP, Otd. geol. 35 no. 1·130-131 Ja-F '60.

MOSCOW PROVINCE—PRINTING INDUSTRY

Create conditons for increased labor productivity. P. A. Rusakov. Poligr. proizv. no. 5:13-14 My '60.

MOSCOW PROVINCE—RAILROADS—ELECTRIFICATION

My contribution to the electrification of the Moscow-Volokolamsk railroad line. V. K. Artiushevskii. Transp. stroi. 10 no. 7 7-8 Jl '60.

MOSCOW PROVINCE—RAILROADS—MAINTENANCE AND REPAIR

Praskov'ia Dolgusheva, brigade chief. Put' put. khoz. 4 no. 7:5 Jl '60.

MOSCOW PROVINCE—REVOLUTION, 1917-1921

The peasant movement in the Moscow Government, March - October, 1917 I. S. Urina Nauch. dokl vys shkoly, ist. nauki no 2:50-65 '60

MOSCOW PROVINCE—SERVICE INDUSTRIES

What is being done for the improvement of service industries. M. Markovich. Otv. na vop. trud. no. 112:15-18 '60.

MOSCOW PROVINCE—SOIL PERCOLATION

Comparative study of methods for determining permeability of soils to water under conditions prevailing in the Turf-Podzolic soils of Moscow Province [with summary in English]. Kao Cheng-min Pochvovedenie no. 7:101-106 '60.

MOSCOW PROVINCE—STOCK AND STOCKBREEDING

TSynkov, M. IU. [Economics of animal husbandry in the Moscow area] Ekonomika zhivotnovodstva Podmoskovnogo raiona. [Moskva] Mosk. rabochii, 1958. 71 p. (DA)

MOSCOW PROVINCE—STONE, CRUSHED

Let's produce one million cubic meters of ballast yearly. Put' i put. khoz. 4 no. 7 9 Jl '60

MOSCOW PROVINCE—STONE INDUSTRY

Progressive enterprise. M. N. Provodina. Put' i put. khoz 4 no. 8·29-31 Ag '60

MOSCOW PROVINCE—TEXTILE FACTORIES

General inspection of the work organization level in factories. Tekst. prom. 20 no. 6:51-53 Je '60.

MOSCOW PROVINCE—TEXTILE INDUSTRY

All resources to be used for a fulfillment of the plan ahead of time. F. IA. Kholostov. Tekst. prom. 20 no. 7: 8-12 Jl '60.

MOSCOW PROVINCE—TRAFFIC ACCIDENTS

Worn tires caused an accident. V. Zhulev Avt transp. 38 no. 7 43 Jl '60

MOSCOW REGION—BATHING BEACHES

Beaches and marinas. N. I Alimkin, K. I. Shchichilin Gor. khoz. Mosk 34 no. 6·15-18 Je '60.

MOSCOW REGION—HUMIDITY

Diurnal variation of specific humidity in the free atmosphere. I. P. Polovina Trudy UkrNIGMI no. 18:70-75 '59.

MOSCOW REGION—MARINAS

Beaches and marinas. N. I. Alimkin, K. I. Shchichilin Gor khoz. Mosk. 34 no 6,15-18 Je '60.

MOSCOW REGION—RECREATION AREAS

Improve the servicing of workers' recreation areas in the Moscow region. V. I. Fedorov. Gor. khoz. Mosk. 34 no. 6·5-9 Je '60.

MOSCOW REGION—RESERVOIRS

Improvement of reservoirs in the Moscow area IA. E. Gugniaev. Gor. khoz. Mosk. 34 no 6·29-30 Je '60

MOSCOW UNIVERSITY

Brief information notes. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:189-190 '56.

MOSCOW UNIVERSITY—GEOLOGY

Defense of dissertations at the Geological Faculty of Moscow State University. V. V. Drushchits. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 4:136-138 Ap '60.

MOSSES

Environmental factors affecting the germination of pine seeds and the development of seedlings in sphagnous pinewoods as related to drainage V. G. Rubtsov. Bot. zhur. 45 no. 6:896-900 Je '60

A new genus (Bryobrittonia Williams) and new species of mosses (Bryobrittonia pellucida Williams and Hypnum subimponens Lesq.) hitherto unknown in the U. S. S. R. A. L. Abramova, I. I. Abramov. Bot. mat. Otd. spor. rast. 13:294-305 '60.

MOSSES (Continued)

Notes on the systematics of some species of the genus Blindia Br. et Sch. A.A.Korchagin. Bot.mat.Otd. spor.rast. 13:289-294 '60.

Notes on the systematics of the genus Seligeria. Br. et Sch. A.A.Korchagin. Bot.mat.Otd.spor.rast. 13:281-289 '60.

MOSSES, FOSSIL see subdivision under Curia

MOTHS see subdivision under Amur Valley, Soviet Far East

MOTION

Inertial motor diad [with summary in English]. P.M. Osypov. Dop.AN URSR no.4:419-426 '60.

More about the theorem of complementary acceleration I.E.Livshits. Sbor.nauch.trud LISI no.30:242-246 '59.

Stability of periodic motions. T.N.Tribeleva. Dokl.AN SSSR 133 no.2:293-295 Jl '60.

Sufficient conditions for a point of variable mass to move away from a center of force to infinity when reactive forces are absent [with summary in English]. O.M. Siteniariev. Dop.AN URSR no.5:601-604 '60

Theory of nonequilibrium statistical processes [with summary in English]. R.L.Stratonovich. Zhur.eksp. i teor.fiz. 38 no.3:875-833 Mr '60

A variant of the proof of the theorem of complementary acceleration. V.A.Lebedev. Sbor.nauch.trud LISI no.30:239-241 '59.

MOTION-PICTURE CAMERAS

"Kvarts-1" and kvarts-2" motion-picture cameras. P.Kelmerman. Sov.foto 20 no.2:30-1 '60.

Semiautomatic "Neva" motion-picture camera. P.Kelmerman. Sov.foto 20 no.3:39 Mr '60

MOTION-PICTURE CAMERAS—STANDARDS

New state standards. Tekh.kino i telev. 4 no.6:78 Je '60.

MOTION-PICTURE FESTIVALS see subdivision under Minsk, Riga

MOTION-PICTURE MUSIC
(see also subdivision under Estonia)

"Lady with a little dog." G.Troitskaia. Sov.muz. 24 no.6:117-119 Je '60.

MOTION-PICTURE PHOTOGRAPHY
(see also subdivision under Shostka)

Camera in action. I.Bogdanov. Isk.kino no.5:117-124 My '60

Figurative composition and lighting. I.Kosmatov. Isk. kino no.5:126-132 My '60

"Filming techniques' manual" by G.S.Baranov, V.G. Pell', A.A.Sakharov. Reviewed by P.A.Nogin, TS.I. Ezrokhi. Tekh.kino i telev. 4 no.7:91-92 Jl '60.

Letter to the editor. TS.I.Ezrokhi. Tekh.kino i telev. 4 no.7:92-93 Jl '60.

New books on photography and motion pictures. IU.Znamenskii. Shkola i proizv. 4 no.6:89-90 Je '60.

Particular characteristics of the procedure for obtaining a sharp screen image in filming fast-moving objects. M.P.Dolukhanov. Tekh.kino i telev. 4 no.6:77-78 Je '60.

Try it... Aleksandr Shelenkov. Isk.kino no.5:77-79 My '60.

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Simplified processing of motion-picture films. A.Ringin. Sov.foto 20 no.3:36 Mr '60.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Order placed with the industry. M.Lebedenko. Tekh. mol. 28 no.6:28-29 '60.

MOTION-PICTURE PHOTOGRAPHY—FILMS

New apparatus for continuous printing of 35mm and 16mm motion-picture films and microfilm copies. O.V.Peschanskii. Tekh.kino i telev. 4 no.6:71-72 Je '60.

MOTION-PICTURE PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Making motion studies of equipment using the SKS-1M high-speed motion-picture camera. G.F.Tagin, V.V. Kamenskii. Izv.Sib.otd.AN SSSR no.1:137-138 '60.

MOTION-PICTURE PLAYS
(see also subdivision under Cuba, Germany, East; Great Britain; Hungary; Poland; Ukraine; Uzbekistan)

Approaching a vast subject. Mark Donskoi. Isk.kino no.5:12-13 My '60.

Creative schemes and their realization. M.Turovskaia. Mol.komm. no.8:120-124 Ag '60.

Great brotherhood. G.Gofman. Isk.kino no.5:83-87 My '60

A mixed crowd. L.Lebedeva. Isk.kino no.5:104-106 My '60

On the subtle variations of feeling. I.Kovler. A.Kaborev. Isk.kino no.5:80-82 My '60

People and circumstances. S.Freilikh. Isk.kino no.5:95-99 My '60

See these films. Sots.kul't. 13 no.6:47 Je '60

"Those up in the air." L.L.Vul. Vest.Vozd.Fl. no.2:32-33 F '60.

Turning to Dostoevskii; notes on the film "White nights." V.Zhdanov. Isk.kino no.5:88-94 My '60

Wake up, Africa! Zhen.mira no.6:41 '60.

Where lies the romance of our life? V.Sokolova and others. Ogonek 38 no.11:17 Jl '60.

Why I am not in pictures. V.Maretskaia. Ogonek 38 no.24:22-23 Je '60

You will see these motion pictures soon. Smena 37 no.11:32 Je '60

You will soon see these motion pictures. L.Lade. Smena 37 no.15:26 Ag '60.

MOTION-PICTURE PROJECTION see subdivision under Nesterov District

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION PICTURE PROJECTORS
(see also subdivision under Odessa)

Investigating a 35-mm. motion-picture projector with optical compensation of the discontinuous movement of the film. L.G.Tarasenko. Tekh.kino i telev. 4 no.7:39-47 Jl '60.

"LCII-55" remote control projector. V.Zubarev. Sov. foto 20 no.2:11-1 '60

Modernization of the sound equipment of "K" type motion-picture projectors. L.A.Ratushnii. Tekh. kino i telev. 4 no.7:68-69 Jl '60.

Shor, I.V. [Electric power plants for motion picture projection] Kinoelektrostantsii; uchebnoe posobie dlia uchashchikhsia kinotekhnikumov. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 272 p.

MOTION PICTURE STUDIOS
(see also subdivision under Leipzig)

Conference of the chief engineers of motion picture studios. Tekh.kino i telev. 4 no.6:94-95 Je '60

MOTION-PICTURE THEATERS

Architectural dreams. IU.Smelkov. Teatr 21 no.7:150-157 Jl '60.

New wages of motion picture theater personnel. L.Lavodianskyi. Sots.kul't. 13 no.6:45-46 Je '60

Number of channels in a stereophonic sound reproducing system in wide screen motion picture theaters. N.F. Natarov. Tekh.kino i telev. 4 no.7:49-51 Jl '60.

Quality of stereophonic sound in motion picture theaters. N.F.Natarov. Tekh.kino i telev. 4 no.6:35-40 Je '60

Russia (1917- R.S.F.S.R.) Ministerstvo kul'tury. [Motion picture theaters for the working class of the Russian Federation] Kinoobsluzhivanie trudiashchikhsia Rossiiskoi Federatsii. Moskva, [Izd-vo "Sovetskaia Rossiia"] 1960. 10 p.

MOTION PICTURE THEATERS—FIRES AND FIRE PREVENTION see subdivision under White Russia

MOTION PICTURES
(see also subdivision under Czechoslovakia, Ukraine)

A.M.Gor'kii on movies. Isk.kino no.5:13-14 My '60

All-Union conference of workers engaged in motion picture services and film exchange. Tekh.kino i telev. 4 no.7:94-96 Jl '60.

Artificial and genuine. Sergei Gerasimov. Isk.kino no.5:14-20 My '60

Cinematography systems of the future. E.M.Goldovskii. Tekh.kino i telev. 4 no.6:9-19 Je '60.

Conditions for the perception of the film image in motion picture theaters in connection with the outlook for the development of new types of motion pictures. V.G.Komar. Tekh.kino i telev. 4 no.6:20-37 Je '60.

Correspondence with readers and viewers. Isk.kino no.5:156 My '60

A feeling of the times. Isk.kino no.5:1-9 My '60

From everywhere. Isk.kino no.5:151-155 My '60

In the Technical Council of the Ministry of Culture of the U.S.S.R. Tekh.kino i telev. 4 no.6:93 Je '60.

Information. Isk.kino no.5:115-116 My '60

Investigating the local effects of development and how they affect the quality of the motion picture image. IU.I.Rakin. Usp.nauch.fot. 7:219-229 '60

New types of motion pictures. A.F.Veklenko, B.G.Belkin. Tekh.kino i telev. 4 no.6:10-27 Je '60.

[Panoramic motion pictures] Panoramnyi kinematograf. Moskva, Gos.izd-vo "Iskusstvo," 1959. 30 p.

MOTION PICTURES—DISTRIBUTION

Shapovalov, S.A. [Aspects of the economics of film rental in the U.S.S.R.] Voprosy ekonomiki prokata kinofil'mov v SSSR. Pod red. V.G.Chernova. Moskva, Gos.izd-vo "Iskusstvo," 1960. 77 p.

MOTION PICTURES—EDITING

[illegible]

MOTION PICTURES—SETTING AND SCENERY

[illegible]

MOTION PICTURES—DOCUMENTARY
(see also subdivision under [illegible])

[illegible]

[illegible]

MOTION PICTURES, THREE-DIMENSIONAL

[illegible]

[illegible]

MOTION PICTURES FOR CHILDREN

[illegible] A. Ab[illegible]

[illegible]

[illegible] 110 p.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MOTIVATION (PSYCHOLOGY)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

MOTOR VEHICLES

[illegible]

[illegible]

[illegible]

[illegible]

MOTOR VEHICLES—[illegible]

[illegible]

[illegible]

MOTOR VEHICLES—[illegible]

[illegible]

[illegible]

Orlov, V.I. [illegible] Kak pravil'no [illegible] Moskva, Voen.izd-vo [illegible]

[illegible] the effect of the shape of channels against [illegible] of fuel flow on the performance of [illegible] [illegible] Trudy Inst "Avtotrakt" VZMI [illegible]

[illegible] VEHICLES—LUBRICATION
[illegible] of the lubrication of motor [illegible] V [illegible] Avt transp [illegible] no 7 20-21 [illegible]

[illegible] VEHICLES—MAINTENANCE AND REPAIR
[illegible] of the organization of motor vehicle repair [illegible] A [illegible] Avt transp [illegible]
[illegible] should be changed M Shakhnov Avt [illegible] 20 [illegible]
[illegible] Avtotraktornoe upravlenie. [illegible] length of time between overhauls for [illegible] Plan i uprocheniia povyshenie mezh- [illegible] Moskva, Vses izd-vo [illegible] 1960 70 p.
[illegible] [Bench and fitting work and main- [illegible] motor vehicles] Slesarno montazhnye [illegible] obsluzhivanie avtomobilia. [illegible] 1960, 337 p.
[illegible] controlled continuous maintenance [illegible] V [illegible] Avt transp [illegible] no 7 [illegible]

[illegible] VEHICLES—OPERATION
[illegible] and standards of the efficiency [illegible] V.D. [illegible] Avt.prom. no.7 [illegible]
[illegible] operation system of motor vehicles. [illegible] Avt.prom. no.7,8 7 Jl '60.

[illegible] V. [illegible] Biu.tekh. 4 no.5:54-58 My '60.

[illegible] (see also subdivision under [illegible])
[illegible] together. [illegible] Za bezop. [illegible] '60.

[illegible] OF OPERATION see subdivision under [illegible] Moscow

[illegible] (see also subdivision under [illegible])
[illegible] Avt transp [illegible] no 7 [illegible]
[illegible] V. [illegible] Tekh.mol. 28 no.6 [illegible]

[illegible] Belarus' 17 no.7 [illegible]

[illegible] [illegible] operators and truck drivers.] [illegible] no 12 [illegible] '59.

[illegible] DYNAMICS
[illegible] of a three-axle motor [illegible] conditions. V.I. [illegible] Izv.vys.ucheb.zav.; [illegible] '60.

[illegible] EQUIPMENT AND SUPPLIES
[illegible] [Catalog of spare parts [illegible] GAZ 69, GAZ 69A, UAZ 450, UAZ-450A, and [illegible] trucks] Katalog zapasnykh chastei [illegible] GAZ 69, GAZ 69A, UAZ 450, UAZ-450A [illegible] Moskva, Gos.nauchno tekhn.izd-vo [illegible] 1960, 366 p.

[illegible] FRAMES
[illegible] frames of the GAZ-51 motortrucks. [illegible] Avt transp [illegible] Jl '60

[illegible] MAINTENANCE AND REPAIR
[illegible] on continuous lines for [illegible] Obm.tekh.opyt.na avt. [illegible] '60.
[illegible] nauchno-issledovatel'skii institut avtomobil'nogo [illegible] [Specifications for repair, assembly, and [illegible] of the ZIL-150 and ZIL-585 motor- [illegible] Tekhnicheskie usloviia na [illegible] agregatov i avtomobilei [illegible] ZIL-585 pri kapital'nom remonte. Izd.2., [illegible] Moskva, Avtotransizdat, 1959. 169 p.

[illegible] subdivision under Chigirin District, Dnieper Valley [illegible] Altai Mountains, Maraya Ladoga

[illegible] PHOTOGRAPHY see Photography of [illegible]

[illegible]
[illegible] Zdorov'e 6 no.6 25 [illegible]
[illegible] peaks A [illegible] Kul't i [illegible]

(see also subdivision under Bayan-Aul region, Transbaikalia)
"Life of mountains" by I.S.Shchukin, O.E.Shchukina. Reviewed by A.A.Vidina. Vest.Mosk.un.Ser.5,Geog. 15 no.3:76 My-Je '60.
Mountain formations on the earth and their causes. S.S. Nikolaev Vest.AN Kazakh.SSR 16 no.6:23-33 Je '60.
Orographic influences on the motion of baric centers. A S Dubov Meteor i gidrol. no.7 3-8 Jl '60

MOVEMENT, PSYCHOLOGY OF
Methods used in the study of vocational adaptability P Saltman Dokl APN no 1 7-10 '60
Orientation toward accessory stimuli and its role in consequent formation of the system of conditioned motor reactions in children D B Godovikova Dokl APN no 1 61 64 '60
Relation between the degree of suppression of motor reactions with the force of inhibition and the equilibrium of nervous processes V S Merlin, I M Palei Dokl APN no 1 51-54 '60

MPHAHLELE, EZEKIEL
On the street of lawlessness and poverty ("Down Second Avenue" [in English] by Ezekiel Mphahlele. Reviewed by A.Petrikovskaia). Inostr.lit. no.8:265-266 Ag '60.

MSTERA—ART INDUSTRIES
Valikov, G.G. [The colors of Mstera; essays] Kraski Mstery, ocherki. Moskva, Vses.koop.izd-vo, 1959. 76 p., illus.

MTYISHCHI DISTRICT—PRINTING INDUSTRY
How we changed to the seven-hour workday. M.D.Pustyl'nik. Poligr.proizv. no.5:14 My '60.

MUCOUS MEMBRANE
Condition of the mucous membrane of the distal section of the large intestine in dysentery convalescents. O.V. Romova. Zdrav.Kazakh. 18 no.1:56-59 '58.
Mucous membrane T.A Grigor'eva Zdorov'e 6 no.6 9 10 Je '60

MUHAMMED ALI BAKUVI, 940-1050
Muhammad Ali Bakuvi (940-1050). Report No.1. A.A. Seid-zade. Dokl.AN Azerb.SSR 16 no.3:311-315 '60

MUKACHEVO DISTRICT—COMMUNITY CENTERS
So that our people may live better. O.Kuventov. Sots. kul't. 13 no.6:8 9 Je '60.

MULTATULI, pseud see Dekker, Eduard Douwes, 1820-1887

MULTIPLE SCLEROSIS
Interrelation of multiple sclerosis and acute disseminated encephalomyelitis [with summary in English]. N.B. Man'kovskii, I.B.Vainshtok. Vrach.delo no.6:561-566 Je '60.
Urgent problems in multiple sclerosis. A.S.Pentsik. Vrach.delo no.7:45-48 Jl '60.
Use of bilitrast ine in disseminated sclerosis. M.A. Khazanov, M.M.Korin. Vrach.delo no.7:132 Jl '60.

MUMPS
Attenuated and asymptomatic forms of epidemic parotitis and their significance in the spread of infections N K Kitaeliko Vop okh mat i det 5 no.3 26-30 My Je '60

MUNICH, GERMANY—BALLET
Triumph of the ballet in the German Democratic Republic. V.S. Teatr 21 no.8:180 Ag '60.

MUNICIPAL ENGINEERING
(see also subdivision under Moscow)
Builders' festival. Vod.i san.tekh. no.8:1-2 Ag '60.

MUNICIPAL GOVERNMENT
Kozlova, E.I. [Executive committees of the city soviets of workers' deputies] Ispolnitel'nye komitety gorodskikh sovetov deputatov trudiashchikhsia. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 97 p.

MUNICIPAL SERVICES
(see also subdivision under Gorkiy; Moscow)
Brief news. Zhil -kom khoz 10 no 6 34 '60.
Drive for the improvement of cities N.Denisenko. Zhil -kom khoz 10 no 6 5-7 '60
From the pages of journals. Zhil -kom khoz. 10 no.6. 33 '60
Improving public services through urban development [with summary in English, p.74]. H.I.Frumin. Visnyk ABiA URSR no.2.15-20 '60.
In the Technical Council of the Ministry. Zhil -kom khoz. 10 no 6 31 '60.
Leading workers in socialist competition Zhil -kom khoz 10 no 6 4-5 '60

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MUNICIPAL SERVICES—STUDY AND TEACHING see subdivision under Moscow

MUNICIPAL SERVICES—TECHNOLOGICAL INNOVATIONS
Community personnel should have new machinery V.Zelentsov Okhr.truda i sots strakh. 3 no 6 38-39 Je '60.

MUNITIONS
(see also subdivision under Germany, West)
The patriotic movement for the collection of funds to arm the Soviet Army, 1941-1942. A.M.Sinitsin. Ist. arkh. 6 no.3 69-79 My-Je '60.

MURDER
(see also subdivision under Samarkand Province)
Current plenary session of the Supreme Court of the U.S.S.R. Biul.Verkh Suda no.4 34-43 '60
Decision no.4 of the Plenum of the Supreme Court of the U.S.S.R. of June 4, 1960. Sov.iust. no.7:20-24 Jl '60.
Leading opinions of the plenary session of the Supreme Court of the U.S.S.R. Biul Verkh Suda no 4 44-53 '60
Some problems in judicial practice in cases concerning premeditated murder. Biul Verkh Suda no 4 54-62 '60

MUREXIDE
Synthesis of murexide, and composition of the product of its reaction with calcium. A.M.Lukin, I.D.Kalinina. Trudy IREA no.23:63-66 '59.

MURGAB RIVER—DAMS
Using hydraulic fill methods in constructing a dam on the Murgab River. D.L.Melamut. Transp.stroi 10 no.6 29-32 Je '60.

MURMANSK—LECTURES AND LECTURING
Propagandists of technological progress. S.Bardin. Agitator no.10:54 My '60.

MURMANSK—SCHOOL CHILDREN
Dynamics of changes in the hemoglobin of the blood of school children in the Polar Arctic L A Tarasov. Vop.okh.mat i det 5 no 3 69-72 My-Je '60

MURMANSK PROVINCE—COASTWISE NAVIGATION
Operation of diesel-electric propulsion ships of the Murmansk Steamship Line. L.G.Danilov. Trudy NTO sud. prom. 8 no.5:173-185 '59.

MURMANSK PROVINCE—ECONOMIC CONDITIONS
Dmitriev, N.A. [Murmansk Province in the postwar years] Murmanskaia oblast' v poslevoennye gody. [Murmansk] Murmanskoe knizhnoe izd-vo, 1959. 159 p.
(MIU)

MURMANSK PROVINCE—FORESTRY RESEARCH
Organization of a base station of the Institute of Forests and Wood Chemistry. Vest.AN SSSR 30 no.7:89 Jl '60.

MURMANSK PROVINCE—GRASSES
Testing annual and perennial forage grasses from different regions of the U.S.S.R. in Murmansk Province. P.M.Medvedev. Biul Glav.bot.sada no.36:37-42 '60.

MURMANSK PROVINCE—NICKEL INDUSTRY
A trip to Nickel'. Grigorii Svirskii. Ogonek 38 no 24 20-21 Je '60

MURZAKHANOV, ZAKII
Following Valentina Gaganova's example. M.G.Babikov. Transp.stroi. 10 no.7-8 Jl '60.

MUSCLE
Adaptation of somatic muscles of the frog to the action of urea. N.B.Il'inskaia. Dokl.AN SSSR 133 no.3:722-725 Jl '60.
Change in the amount of some mineral elements in rabbits' muscles following temporary loosening of a tourniquet. O.D.Kushmanova. Uch.zap.2-go MGMI 17:127-130 '58.
Change in the respiration of muscles of denervated extremities following the application and removal of a tourniquet. T.IA.Balaba, I.E.Malakhov. Uch.zap. 2-go MGMI 17:131-142 '58.
Cholinesterase activity of the homogenates of rabbits' muscles during the application and removal of a tourniquet. G.M.Ivchenko. Uch.zap.2-go MGMI 17:59-63 '58.
Comparative cytophysiological analysis of the reactivity of muscle fibers to the action of urea. B.P Ushakov, S.A. Krolenko. Dokl.AN SSSR 133 no.3:726-729 Jl '60.
Comparative histochemical investigation of the sulfhydryl groups in smooth muscle. M.V.Shornikova. TSitologiia 2 no.3:325-336 My-Je '60.
Data on the study of functional biochemistry of muscle [with summary in English]. D.L.Ferdman. Izv.AN SSSR.Ser.biol. no.3:346-354 My-Je '60.
Effect of temperature on rapid and slow potentials of rhythmically active muscle fibers in intra-cellular leads [with summary in English] A.I.Shapovalov Biofizika 5 no.3.270-278 '60.
Heat resistance of the muscular tissue of sea mollusks. T.A.Dzhamusova. TSitologiia 2 no.3:274-286 My-Je '60.

Influence of a novocaine block on the respiration of muscles following the application and removal of a tourniquet. Uch.zap.2-go MGMI 17:149-157 '58.
Influence of a tourniquet on the amount of certain mineral elements in the muscles of rabbits. O.D. Sidorenko. Uch.zap.2-go MGMI 17:49-57 '58.
Influence of a tourniquet on the lipid content of rabbits' muscles. I.B.Fridliand. Uch.zap.2-go MGMI 17 70-86 '58.
Influence of a tourniquet on the toxicity of muscle extracts. V.M.Kushko, V.M.Shepelev. Uch.zap. 2-go MGMI 17:87-95 '58.
Influence of the application and removal of a tourniquet on the decomposition and synthesis of glycogen in the muscles. T.IA.Balaba. Uch.zap.2-go MGMI 17:65-77 '58.
Respiration of muscles following application and removal of a tourniquet with local chilling of the extremities. T.IA.Balaba. Uch.zap.2-go MGMI 17:97-111 '58.
Some phosphorus compounds in the pectoral muscle of chicks infested with parasites. Significance of metabolic products of Ascaridia galli (Schrank, 1788). N.V Bol dyreva. Trudy GelPro.lab. 10 60-70 '60.

MUSCLE—INNERVATION
Reactivity of denervated muscles in the process of restoration [with summary in English]. A.N.Striganova Izv. AN SSSR, Ser.biol. no.3:409-418 My-Je '60.

MUSCLE—TRANSPLANTATION
Analysis of the interrelation between muscle residue and transplanted tissue during muscle restoration by implantation of granulated muscle tissue [with summary in English]. R.V.Samsonenko. Arkh.anat.gist.i embr. 38 no.1:48-57 Ja '60.

MUSCLE—WOUNDS AND INJURIES
Effect of a tourniquet on the body. V.M.Kushko, T.IA. Balaba. Uch.zap.2-go MGMI 17:5-19 '58.
Influence of the addition of various substrates on muscular tissue respiration following the application and removal of a tourniquet. T.IA.Balaba. Uch.zap. 2-go MGMI 17:21-48 '58.

MUSCLES
Boritov, I.S. [General physiology of the muscular and nervous system] Obshchaia fiziologiia myshechnoi i nervnoi sistemy. Izd.3., perer. Moskva, Medgiz, 1959. 1 v.
(DNLM)
Influence of the emotions on muscular capacity. A.K. Poplavskii. Vrach.delo no.6:609-611 Je '60.
Method for studying the long-term effect of harmful chemicals on the muscular function of white mice. IU.I.Vasylenko. Fiziol.zhur.[Ukr.] 6 no.2:271-273 '60.

MUSCLES—DISEASES
Case of dystonia musculorum deformans. N.G.Cherkasova. Kaz.med.zhur. 40 no.5:83-85 S-O '59.
Treatment of muscular diseases. A.K.Zhukov. Fel'd.i akush. 25 no.5:43-44 My '60.

MUSCLES—INFLAMMATION
Effect of inflammation on the regeneration of muscles in experiments with minced muscle tissue [with summary in English]. R.P.Zhenevskaia. Biul.eksp.biol.i med. 49 no.1:104-110 Ja '60.

MUSCLES—INNERVATION
Condition of the structures of interorganic innervation mechanisms of the striated muscles in experimental tuberculosis. V.K.Zhgenti, N.I.Kalandadze, TS.V. Gachechiladze. Soob.AN Gruz.SSR 24 no.4:479-484 Ap '60.

MUSCLES—TRANSPLANTATION
Effect of inflammation on the regeneration of muscles in experiments with minced muscle tissue [with summary in English]. R.P.Zhenevskaia. Biul.eksp.biol.i med. 49 no.1:104-110 Ja '60.

MUSCOVITE
Polarographic determination of calcium in lepidolites and muscovites [with summary in English]. S.I.Sinia-kova, Chen' IU-vei. Zhur.anal.khim. 15 no.3:277-280 My-Je '60.

MUSCULAR SENSE
Changes according to age in the differentiation of muscle tension in children. A.P.Tamblova. Dokl.APN no.4: 109-112 '59.

MUSEUMS see subdivision under Krakow, Moscow; also subdivision 'Art galleries and museums' under Kharkov; Leningrad

MUSHROOMS
(see also subdivision under Vorskla Valley, West Kazakhstan Province)
[Grow mushrooms] Vyrashchivaite shampin'ony. [Moskva] Mosk.rabochii, 1958. 98 p.
(DA)

MUSHROOMS, EDIBLE
What has happened to mushrooms? A Ikonnikova and others. Ogonek 38 no.28 9 Jl '60

(see also subdivision under Archangel, Australia, Czechoslovakia; Kharkov, Mongolia, New Zealand, Novozhivotinnoye, Smolensk, Sweden)
Brief notes. Sov.muz. 24 no.6:199 190 Je '60
Brief news. Sov.muz 24 no.6:201 208 Je '60.
Brief notes. Sov.muz. 24 no 7 187 188 Jl '60.
Brief news. Sov.muz. 24 no.7:200 208 Jl '60

MUSIC—ANALYSIS, APPRECIATION
(see also subdivision under Moscow)
From the Leningrad Conservatory to the universities of culture. T.Liapunova. Sov.muz. 24 no.7:55 57 Jl '60
A higher standard of music popularization. Sov.muz. 24 no.6:10 12 Je '60
A year of work at the radio university. R.Grabler Sov.muz. 24 no 7:58 61 Jl '60.

MUSIC—BIBLIOGRAPHY see Bibliography Music

MUSIC—COMPETITIONS see subdivision under Lvov, Minsk

MUSIC—CONGRESSES
The First All Russian Congress of Composers. Sov. muz. 24 no.6:13 22 Je '60

MUSIC—HISTORY AND CRITICISM
(see also subdivision under Germany, West; Uzbekistan)
An important task of Soviet musicology. I.Danilevich Sov.muz. 24 no.6:3 8 Je '60
More about craftsmanship. IU.Kremlev. Sov.muz 24 no.7:61-68 Jl '60.
On national characterization in music. N.Shakhnazarova Sov.muz 24 no.6:24 30 Je '60.
Orders and reality. Z.Marinin Sov.muz. 24 no.7: 61-63 Jl '60.

MUSIC—INSTRUCTION AND STUDY
On the training of musicians. A.Nikolaev. Sov.muz. 24 no.6:121 128 Je '60
On the training of orchestral musicians. M.Terian Sov.muz. 24 no 7:126 128 Jl '60

MUSIC—MANUALS, TEXTBOOKS, ETC
The A B C of music. O Andrieieva Sots.kul't. 11 no.6:28 40 Je '60.

MUSIC—PERIODICALS see subdivision under Germany West

MUSIC—PHILOSOPHY AND AESTHETICS
"The history of musical aesthetics." Vol. I. Markus Reviewed by D.Dorlnov. Sov.muz. 24 no.6:101 104 Je '60.

MUSIC—THEORY
Efimov, V.A. [Elementary theory of music] Elementarnaia teoriia muzyki. Izd.3, ispr.i dop. Minsk, Gos.izd-vo BSSR, Red. Muzykal'noi lit ry, 1959. 165 p.
(NBD)

MUSIC, AFRICAN—HISTORY AND CRITICISM
Music of West Africa. I Pereversev. Sov.muz. 24 no.6:102 107 Je '60.

MUSIC, CZECH see subdivision under Moscow

MUSIC, DAGHESTAN see subdivision under Moscow

MUSIC, INCIDENTAL
Music in the "Sovremennik" theater studio. T.Mikhailova, V.IUin. Sov.muz 24 no.7:114 117 Jl '60.

MUSIC, POPULAR (SONGS, ETC.) see subdivision under Lithuania

MUSIC, UKRAINIAN see subdivision under Moscow

MUSIC, UKRAINIAN—HISTORY AND CRITICISM
At the plenum in Kiev. N.Gerasimova. Sov.muz 24 no.7:30-41 Jl '60.

MUSIC FESTIVALS see subdivision under Salzburg, Austria

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSICAL CRITICISM
On the accessibility of culture and taste of the critics. G.Kogan. Sov.muz. 24 no.7:68 71 Jl '60.

MUSICAL REVUE, COMEDY, ETC.
Bernard Shaw sings and dances. Aleksandr Anikst. Teatr 21 no.7:178-183 Jl '60.
Bravo, "My fair lady!" Nikita Bogoslovskii Kul't i zhizn' 4 no 7 52 '60

MUSICAL SOCIETIES see subdivision under Saratov

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC
Khessin, A.B. [My reminiscences] Iz moikh vospominanii. Moskva, Vseros. teatral'noe ob-vo, 1959. 245 p.
(NN)

[illegible]

MUSKRATS
[illegible]
[illegible]

MUSKRAT— [illegible]

[illegible]

[illegible]

[illegible]

MUYA VALLEY—BIRDS
[illegible]

MUYA VALLEY—RODENTIA
[illegible]

[illegible]
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MYCORRHIZA
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[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

NAKHODKA—RATS
[illegible]

NALBANDIAN, MIKAEL LAZAREVICH [illegible] 1866
On a certain pseudonym attributed to M. Nalbandian. M.M.Kazarian. Ist.-fil.zhur. no.4 231 240 '59.
On the ideological conflict between Nalbandian and Patkanian [in Armenian with summary in Russian]. Ashot Ioannisian. Ist.-fil.zhur. no.4 219 237 '59.

NAMES, GEOGRAPHICAL
(see also subdivision under Poland, West Shelf Ice, White Russia)
[illegible] Republican Congress of Problems in Toponymy and [illegible]. V. [illegible]. Dop. AN URSR [illegible] '60.
[illegible] regulates the naming of geographical places. V. Krastnus, I. Po[illegible]. Sov. deput. trud. no. 7:76-77 Jl '60.

NAMES, GEOGRAPHICAL—DICTIONARIES
A valuable publication ("Dictionary of local geographic terms" by [illegible], and V. Mur[illegible]. Reviewed by S. Obru[illegible]. Nov. [illegible] 36 no. 7:277-278 Jl '60.

[illegible]
[illegible] of the [illegible] and southern Gobi [illegible] (with summary in English). A. [illegible]. [illegible] My-Je '60.

NAPHTHALENE
[illegible] alkylation of tetralin. Report No. 1: Alkylation of tetralin with [illegible]. [illegible], N. A. Pozdniak. [illegible] AN [illegible] no. 6:1064-1067 Je '60.
[illegible] of naphthalene oxidizing bacteria in [illegible] waters (with summary in English). [illegible]. Mikrobiologiia [illegible] no. 3:415-418 My-Je '60.
[illegible] luminescence of crystalline naphthalene. M. T. [illegible]. Opt. i spektr. 8 no. 1:68-72 Ja '60.
[illegible] oxidation of naphthalene in commercial [illegible] (with summary in English). [illegible]. Dop. AN URSR no. [illegible].
[illegible] "distillate naphthalene" for the production of phthalic anhydride. V. P. Pirvalov and others. Koks i khim. no. 7:50-56 '60.
[illegible] in the catalytic oxidation of naphthalene into phthalic anhydride. M. [illegible]. Khim. prom. no. [illegible] Je '60.

NAPHTHALENE—SPECTRA
[illegible] on the luminescence of crystalline naphthalene. M. T. Shpak, I. P. Sheka. Opt. i spektr. [illegible] Jl '60.

NAPHTHALENESULFONIC ACID
[illegible] a sulfonic group for a hydroxy group in the [illegible] series. Part 5: Kinetics of the reactions between [illegible] hydroxide solution and the sodium salts of [illegible] and 2-methyl-6-[illegible] acid. N. N. Vorozhtsov, B. M. [illegible]. Ukr. khim. zhur. 26 no. 3:341-346 '60.

NAPHTHENES
[illegible] of cyclanes (with summary in English). [illegible]. Zhur. fiz. khim. 34 [illegible] Je '60.
[illegible] formation in the course of the [illegible] of a paraffins, naphthenes, [illegible] hydrocarbons having six and seven carbon [illegible]. A. P. [illegible], A. A. Balandin, [illegible]. [illegible] AN [illegible] no. 6:[illegible] Je '60.

NAPHTHENIC ACID
[illegible] of normal and shear stresses on the magni[illegible] when aluminum naphthenate gel passes to [illegible] from a state of rest. A. A. Trapeznikov, [illegible], [illegible] Petrolab. Dokl. AN SSSR 133 no. 3: [illegible] Jl '60.
Effect of lead and copper naphthenates on the destruction [illegible] in [illegible] oils. [illegible] Kaplan, V. K. [illegible]. Khim. i tekh. topl. i masel 5 no. 7:[illegible] Jl '60.

NAPHTHOLS
[illegible] of naphthols on the process of discharge [illegible] and the magnitude of the activation barrier [with summary in English]. M. A. [illegible], V. I. [illegible]. Zhur. fiz. khim. 34 no. 5:1060-1068 My '60.

NAPHTHOQUINONE
Parsan, IA. O. [Collected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1960. 401 p.
[illegible]. Part 33: Condensation of arylnaphthoquinones with sodium enolates of acetoacetic and malonic esters and their analogs. A. N. Grinev, A. S. Mezentsev, A. P. Terent'ev. Zhur. ob. khim. 30 no. 7:2306-2311 Jl '60.

NAROCH, LAKE—BITTERN
Feeding habits of the grey bittern (Ardea cinerea L.) on Lake Naroch'. A. P. Kraplvnyi. Biul. Inst. biol. AN BSSR no. 3:236-238 '58.

NARTOV, ANDREI KONSTANTINOVICH, 1693-1756
A. K. Nartov's work "Pictorial presentation of machines" (in the history of the Petersburg "Mechanical laboratory of Peter the Great"). V. N. Vasil'ev. Trudy Gos. Erm. [illegible]:41-92 '59.

NARYN VALLEY—RAIN AND RAINFALL
Naryn waters supplied by rain. O. P. Shcheglova. Izv Uzb. fil Geog ob va 4:[illegible] '60

NASMYTH, JAMES, 1808-1890
James Nasmyth. Metallurg 5 no. 8:39-40 Ag '60.

NATIONAL PARKS AND RESERVES see subdivision under Tatra Mountains

NATIONAL SONGS, KOREAN
The "Song of the sea" is heard even today. Han Sor-ya. Inostr. lit. no. 7:228-229 Jl '60.

NATIONALITIES
(see also subdivision under White Russia)
Kozlov, V. K. [Triumph of the Leninist nationality policy of the CPSU] Torzhestvo leninskoi natsional'noi politiki KPSS. Moskva, Gos. izd-vo polit. lit-ry, 1960. 94 p.
The newspaper "Pravda" as a source for studying the developing and strengthening of friendly relations among the peoples of the U.S.S.R. M. B. Morozov. Ukr. ist. zhur. 3 no. 4:109-117 Jl-Ag '60
Significance of national customs and traditions. N. S. Sarsenbaev. Vop. filos. 14 no. 7:147-154 '60.
Zigzags of the Soviet nationality policy; relating to the Tashkent Conference of Soviet Historians. P. K. Urban. Mat. i soob. Inst. otd. Inst. po izuch SSSR no. 12/13 74-80 F Mr '60.

NATURAL HISTORY
Derim-Oglu, E. N. [Forest stories; notes of a naturalist] Lesnye byli; zametki naturalista. [Moskva] Mosk. rabochii, 1960. 201 p.

NATURAL HISTORY—BIBLIOGRAPHY see Bibliography—Natural history

NATURAL HISTORY—STUDY AND TEACHING
"Development of methods in natural science" by V. N. Fedorova. Reviewed by B. N. Mazurmovich. Biul. MOIP. Otd. biol. 65 no. 1:156-157 Ja-F '60.

NATURAL RESOURCES
(see also subdivision under Czechoslovakia, Siberia, Eastern)
Conference of geographers. G. D. Kulagin. Nauka i zhizn' 37 no. 6:22 Je '60.
From the resolutions of conferences on the protection of nature held in Moscow in 1957 and 1958 with the participation of the Moscow Branch of the Geographical Society of the U.S.S.R. Vop geog no. 48 294-303 '60.
Lenin's principles and the protection of nature. P. I. Zhukau. Vestsi AN BSSR. Ser. biial. nav. no. 2:25-32 '60.
Natural resources and the building of communism. P. Antropov Kommunist 37 no. 12 36-12 Ag '60
Protection and enrichment of nature as a problem of state-wide importance IU K. Efremov Vop. geog no 48 5-13 '60.

NATURE PHOTOGRAPHY
Inexhaustible spring. Z. Vinogradov. Sov. foto 20 no. 3: 40 41 Mr '60.
Springs forerunners. N. Nikolaev. Sov. foto 20 no. 3:26-27 Mr '60.

NATURE STUDY
Observing local nature. L. N. Kovaleva. Doshk. vosp. 33 no. 6:37-39 My '60.
Rich and beautiful world of nature! L. Olesiuk. Som'ia i shkola 15 no. 6:16-17 Je '60.
Work on local geography in grades 1-2. L. V. Borisova. Nach. shkola 26 no. 6:26-30 Je '60.

NATURE STUDY—AUDIO-VISUAL AIDS
Pictures and tables on nature study in elementary schools. V. P. Goroshchenko. Nach. shkola 28 no. 6: 87-89 Je '60.

NAUMOV, NIKOLAI ALEKSANDROVICH, 1888-1959
Professor N. A. Naumov; obituary. A. A. Babaian. Mikrobiologiia 29 no 3:472-473 My-Je '60.

NAUMOVA, I.
Works of Schumann and Sviridov. I. Poliakova. Sov. muz. 24 no. 6:144-145 Je '60.

NAURZUM PRESERVE—HEPATICAE
Riccia crustata Trab. in the liverwort flora of the U.S.S.R. K. I. Ladyzhenskaia. Bot. mat. Otd. spor. rast. 13: 274-281 '60.

NAUTICAL CHARTS
Bogdanov, K. A. [Marine navigation charts; manual for merchant ship handling] Morskie navigatsionnye karty; posobie dlia sudovoditelei morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1960. 147 p.

NAUTICAL TRAINING SCHOOLS see subdivision under Rostov

NAVAL AUXILIARY VESSELS see Auxiliary vessels

NAVAL EDUCATION
(see also subdivision under Kirov)
Combat training of our sailors. I. Kruzhalov, V. Mamchits. Voen. znan. 36 no. 7:18-19 Jl '60.

NAVAL HYGIENE
Experience in the care of personnel of a ship during repair. A. N. Skliarenko. Voen.-med. zhur. no. 5:87-89 My '60.
Work of a nonofficial methodological department in health education in the navy. G. P. Ovechkin. Voen.-med. zhur. no. 5:39-41 My '60.

NAVAL MEDICINE see *Medicine, Naval*

NAVAL MUSEUMS see subdivision under Leningrad, Vladivostok

NAVIES see also subdivision 'Navy' under Germany, West, Russia

NAVIGATION (AERONAUTICS)
(see also subdivision under Antarctic regions)
Determining the drift angle. A. Kharchenko. Grazhd. av 17 no. 5:15 My '60
Disappearance of limiting damping in inertial systems operating as indicators in centrifuging long-distance flight. G. O. Fridlender. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:106-110 My-Je '60.
Doppler effect V. Zhovinskii. Kryl rod. 11 no 6:25 Je '60
Effect of the flight speed of a vehicle on the errors of the inertial navigation system. V. M. *Shchepkina*. *Izv. AN* SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3:96-105 My-Je '60.
Following the orthodromic line. A. Murachev, V. Riabov. Grazhd av. 17 no 6:13-16 Je '60
Navigator's control over airplane flights. M. A. Lashin. Vest. Vozd. Fl. no. 7:49-53 Jl '60.
Senior navigator. N. IA. Kondrat'ev. Vest. Vozd. Fl. no. 7:44-48 Jl '60.

NAVIGATION CHARTS see Nautical Charts

NEAR EAST—FOREIGN RELATIONS—GREAT BRITAIN
The confessions of Anthony Eden (Published in English as "Memoirs." Reviewed by G. Bondarevskii). Sovr. Vost. no. 7:56-60 Jl '60.

NEAR EAST—POLITICS
According to colonialist prescriptions ("The density of the Near East" [in French] by Pierre Rondot Reviewed by S Semenov) Mezhdunar zhizn' 7 no. 8 *136-139 Ag '60.*

NEBULAE
Photography of diffuse nebulae in the infrared [with summary in English]. R. E. Gershberg, V I. Pronik, P. V. Shcheglov. Izv. Krym. astrofiz. obser. 22:150-151 *'60.*

NEFED'EV, KONSTANTIN MIKHAILOVICH
"Secret of the diamond"; science-fiction novel by K. Nefed'ev Reviewed by V. Komendantova Zvezda *no 5 215 My '60.*

NEFTECHALA REGION—PETROLEUM GEOLOGY
Role of tectonics in the formation of oil pools of the Neftechala-Padar tectonic zone. O. M. Makhan'kov. Dokl. AN Azerb. SSR 16 no. 4:359-362 '60.

NEGROES—CIVIL RIGHTS see subdivision under United States

NEGROES—SEGREGATION see subdivision under United States

NEIZVESTNYI, ERNST
On a search. IUrii Nagibin. Smena 37 no. 13:20-21 Jl '60.

NEKHODA, IVAN
Good reminiscences ("I shall remember thee, France" by Ivan Nekhoda Reviewed by L. Vysheslavs'kyi). Ukraina no. 11:24 Je '60.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877
Ozerova, A. A. [N. A. Nekrasov's poem "Who can be happy in Russia?"] Poema N. A. Nekrasova "Komu na Rusi zhit' khorosho." Pod red. N. L. Brodskogo. Izd. 2., ispr. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1953. 70 p. (Zaochnaia metodicheskaia konsul'tatsiia)
Unpublished lines of Nekrasov. S. Reiser. Vop. lit. 4 no. 7:128-129 Jl '60.

NEMAN—PAPERMAKING MACHINERY
Controlling pitch problems. R. A. Teplitskaia. Bum. prom. 35 no. 6:22-24 Je '60.

NEMAN—WOOD-USING INDUSTRIES
Changes in the organization of wood-supplying shops. V. M. Kovtunenko. Bum. prom. 35 no. 6:9 Je '60.

NEMAN DELTA REGION—HYDROLOGY
Hydrological characteristics of estuary regions of the Neman and Pregel Rivers. L. L. Markova, I. IA. Nechai. Trudy GOIN no. 49:116-186 '60.

NEMAN VALLEY—BEAVERS
Stational distribution of beaver in the Neman Valley. A. P. *Kraplvnyi*, N. IA. Lipskaia. Biul. Inst. biol. AN BSSR no. 3:277-279 '58.

NEMATODA
(see also subdivision under Georgia; Kansu Province, Kola Peninsula, Maritime Territory, Sikhote-Alin' Preserve, Yakutia)

Identity of the species Amidostomum fulicae (Rudolphi, 1819) and Amidostomum raillieti (Skrjabin, 1915). A.V. Petrov. Trudy Gel'm.lab. 10:166-172 '60.

Materials on practical use of predatory fungi in the control of some geohelminthiases. I.I. Soprunov, IU.IA. Tendetnik. Trudy Gel'm.lab. 10:182-191 '60.

Nematodes of the subfamily Parabronematinae Skrjabin, 1941 in the light of morphological and taxonomic studies. V.M. Ivashkin. Trudy Gel'm.lab. 10:94-108 '60.

Position of the subfamilies Spiroxyinae (Baylis et Lane, 1920) and Ancyracanthinae (Yorke et Maplestone, 1926) in the system of Spirurata. V.M. Ivashkin. Trudy Gel'm. lab. 10:92-93 '60.

Revision of the genus Hystrichis (Dujardin, 1845) (Dioctophymata, Nematoda). L.M. Karmanova. Trudy Gel'm. lab. 10:112-116 '60.

Studying the effect of ionizing radiation (X rays) on the eggs of Trichocephalus muris Schrank, 1788. N.P. Shikhobalova, L.S. Paraskhinskaia. Trudy Gel'm.lab. 10:248-259 '60.

NEMATODE DISEASES OF PLANTS
Dynamic regularities of the nematode fauna of forage grasses and factors influencing them. I.A. [illegible]. Trudy Gel'm.lab. 10:12-45 '60.

NEMESHAYEVO—ANTIBIOTICS
Production of biomycin at the Nemeshayevo plant of feed antibiotics. I.M. Tanchenko, N.IA. Savchenko, V.M. Semenida. Spirt. prom. 26 no.5:24-28 '60.

NEMESHAYEVO—BIOMYCIN
Production of biomycin at the Nemeshayevo plant of feed antibiotics. I.M. Tanchenko, N.IA. Savchenko, V.M. Semenida. Spirt. prom. 26 no.5:24-28 '60.

NENETS NATIONAL AREA—DESCRIPTION AND TRAVEL
Kokovin, I.S., and M.F. Skorokhodov. [Under the North Star] Pod Poliarnoi zvezdoi. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 157 p.

NEODYMIUM CHLORIDE
Thermal analysis of the systems NdCl$_3$ – LiCl, NdCl$_3$ – NaCl, LaCl$_3$ – KCl, PrCl$_3$ – CsCl, and NdCl$_3$, LaCl$_3$ – KCl. V.I. Ionov, I.S. Morozov, B.G. Korshunov. Zhur.neorg.khim. 5 no.6:1250-1254 Je '60.

NEODYMIUM OXIDE
Electron diffraction study of neodymium oxides. M.S. Belotskii, M.I. [illegible]. Dokl.AN SSSR 133 no.2:355-358 Jl '60.

NEON—ISOTOPES
Elastic scattering of protons by Ne^{20} nuclei. A.K. Valter and others. Izv.AN SSSR Ser.fiz. 24 no.7:884-886 Jl '60.

NEO-SCHOLASTICISM
Learned lackeys of clericalism. M.IA. Shcherbin. Nauka i zhyttia 10 no.7:51-57 Jl '60.

Leninist principle of party spirit as a powerful weapon in the struggle against present-day bourgeois philosophy. IA.M. Dubovan. Vestsi AN BSSR Ser. hum. nav. no.2:68-77 '60.

NEOTENY
Neoteny in annual weeds [with summary in English]. I.V. Poltenov. Ukr. bot. zhur. 17 no.1:29-33 '60.

NEPHRITIS see Kidneys—Diseases

NERCHINSK DISTRICT (CHITA PROVINCE)—TULAREMIA
Tularemia in the Nerchinsk District of Chita Province. A.D. Solodkaia and others. Izv.Irk.gos.nauch.-issl. protivochum.inst. 20:147-152 '59.

NERVES
Changes in the electrical potential along a nerve following the formation in it of a focus of alteration by pressure. Preliminary report. T.R. Shvelia. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:394-400 '60.

Changes in the properties of ribonucleic acid in "stimulated" nerve cells. F.R. Dunaevskii. Dokl.AN SSSR 131 no.4:954-956 Ag '60.

Concerning IU.M. Zhabotinskii's article "On the division of nerve cells in the central nervous system of man and mammals." G.A. Koblov. Arkh.anat.gist.i embr. 38 no.1:100-101 Ja '60.

Lability of nerves altered by barium and magnesium chlorides [with summary in English]. S.D. Kovtun. Fiziol. zhur. [Ukr.] 6 no.4:481-489 Jl-Ag '60.

Relationship between highly elastic properties of the nerve fiber and certain functional characteristics. K.M. L'vov, L.P. Kaiushin, R.G. Liudkovskaia. Biofizika 5 no.3:379-381 '60.

Ultraviolet absorption by the giant axon of sepia in a state of rest and excitation [with summary in English]. L.P. Kaiushin, R.G. Liudkovskaia, I.P. Shmelev. Biofizika 5 no.3:279-281 '60.

NERVES, FACIAL
Histological changes in the submaxillary salivary gland following transection of the tympanic chord. I.D. Chernova. Biul. MOIP. Otd. biol. 65 no.3:143-144 My-Je '60.

NERVES, PERIPHERAL
Myelination of the peripheral nervous system in amphibians. V.L. Borovyagin. Dokl. AN SSSR 133 no.1:224-227 Jl '60.

NERVES, PERIPHERAL—TRANSPLANTATION
Influence of X-irradiation of the recipient on homoplastic transplantation of the peripheral nerve [with summary in English]. IU.M. Gudzovskaia. Biul. eksp. biol. i med. 49 no.1:80-81 Ja '60.

NERVES, SPINAL
Spinal sensory component of the ganglia of the sympathetic nervous system [with summary in English]. N.K. Landshman. Biul. eksp. biol. i med. 49 no.1:122-125 Ja '60.

NERVES, SPINAL—DISEASES
Clinical aspects and treatment of vegetative forms of lumbosacral radiculitis. P.A. Buzenko. Vrach.delo no.7:42-45 Jl '60.

Morphological changes in the cerebrospinal ganglia in cancer of varying localization [with summary in English]. A.I. Il'icheva, Sh.S. Kovalenko. Vrach.delo no.7:80-85 Jl '60.

Vilenskii, B.S. [Radiculitis; treatment and prevention] Radikulit; lechenie i preduprezhdenie, populiarnyi ocherk. [Leningrad] Gos.izd-vo med.lit-ry, Leningr. otd-nie, 1959. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

NERVES, SPLANCHNIC
Zone of the splanchnic nerve in the thalamus of the cat. R.A. Durinian. Dokl.AN SSSR 133 no.1:242-245 Jl '60.

NERVOUS SYSTEM
Appearance of tumors in dogs following "disruption" of the nervous system. L.A. Lebedinskaia, O.A. Novalevskii. Vrach.delo no.7:68-71 Jl '60.

Arbuzov, S.IA. [Awakening and antinarcotic action of stimulants of the nervous system] Probuzhdaiushchee i antinarkoticheskoe deistvie stimuliatorov nervnoi sistemy. [Leningrad] Gos.izd-vo med.lit-ry, Leningr. otd-nie, 1960. 268 p.
(DNLM)

Beritov, I.S. [General physiology of the muscular and nervous system] Obshchaia fiziologiia myshechnoi i nervnoi sistemy. Izd.3., perer. Moskva, Medgiz, 1959. 1 v.
(DNLM)

Biological aspect of the problem of the types of the nervous system. D.I. [illegible]. [illegible] no.4:291-302 [illegible] '60.

Central antagonism between gangliolytics and procaine [with summary in English]. M.E. Varshavskii. Biul. eksp. biol.i med. 49 no.1:70-83 Ja '60.

Changes in the permeability of the hematoencephalic and hematophthalmic barriers in alcohol intoxication. G.M. Butenko. Dokl.AN SSSR 133 no.1:230-[illegible] Jl '60.

Comparative pathohistological changes in the central nervous system in rabbits following local and total body irradiation with gamma rays. M.M. Aleksandrovskaia. Trudy Inst. vys.nerv.deiat.Ser.fiziol. 5:241-256 '60.

Darwinism and I.P. Pavlov's theory of the higher nervous activity. A.B. [illegible]. [illegible] [Ukr.] 6 no.4:410-419 Jl-Ag '60.

Dynamics of the blood sugar level in various functional conditions of the higher portions of the central nervous system. Report No.1: Dynamics of the blood sugar level in dogs during the development of a neurotic condition. M.G. [illegible]. Trudy Inst.vys.nerv. deiat.Ser.fiziol. 4:166-171 '60.

Higher nervous activity in tuberculosis before and after [illegible]. A.A. [illegible]. Pat.,klin.i terap.tub. [illegible] '59.

Individual distinctions in the correlation of attention and the strength of the nervous system [with summary in English]. I.B. [illegible]. Vop.psikhol. 6 no.2:91-95 Mr-Ap '60.

Influence of [illegible] on the higher nervous activity of animals (dogs). Report No.1. L.S. [illegible]. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 5:141-151 '60.

Influence of glutamic acid on cholinergic excitation in the central and peripheral synapses [with summary in English]. P.P. Didkova. Biul.eksp.biol.i med. 49 no.1:83-86 Ja '60.

Influence of novocaine on the higher nervous activity of old dogs. G.I. Fedorovich. Vrach.delo no.7:51-54 Jl '60.

Interoceptive reflexes from the bladder following transection of the spinal cord and different autonomic formations. K.I. Zorin-Tikhin, M.P. Kul'vanovskii. Trudy Inst.fiziol.AN BSSR 3:176-189 '59.

Morphological character of the structural changes in the central nervous system of white rats during postnatal development following irradiation of their mothers during pregnancy. K.I. Artiukhina. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:267-270 '60.

Nervous regulation of some digestive processes in the duodenum in sheep and camels. Report No.1. N.N. Trofimova. Trudy Inst.fiziol.AN Kazakh.SSR 2:75-[illegible] '59.

[illegible]

NERVOUS SYSTEM—[illegible]
[illegible]

NERVOUS SYSTEM—[illegible]
[illegible]

NERVOUS SYSTEM—[illegible]
[illegible]

NERVOUS SYSTEM—[illegible]
[illegible]
(DNLM)
[illegible]
(DNLM)
[illegible]

NERVOUS SYSTEM—[illegible]
[illegible]

[illegible] SYSTEM— [illegible]

[illegible] data [illegible] and [illegible] effects [illegible] Zhur. ob. biol. 21 no.4: [illegible] Jl-Ag '60.

NERVOUS SYSTEM— RODENTIA

[illegible] gation of the vegetative ganglia of guinea pigs in [illegible] Izv. [illegible] nauch [illegible]

NERVOUS SYSTEM— SURGERY

[illegible] Landell. Biol [illegible] Ap '60.

[illegible] of paper electrophoresis of the proteins, lipo-[illegible], and glycoproteins of the cerebrospinal fluid [illegible] in the diagnosis of tumors and [illegible] of the nervous system. [illegible] Trudy [illegible] 240 '60.

[illegible], V.M., [illegible], and [illegible].V.[illegible]. [illegible] manual for physicians] [illegible] [illegible] Medgiz, 1959. 314 p. (MIRA [illegible])

NERVOUS SYSTEM— TUMORS

[illegible] of [illegible] M. [illegible] '60.

NERVOUS SYSTEM, AUTONOMIC

[illegible] autonomic formations in the afferent [illegible] of the [illegible]. M.P.[illegible]. [illegible] 204 '60.

[illegible] of [illegible] of vegetative [illegible] A.[illegible]. [illegible]

[illegible] [with summary in English] V. M. [illegible]

NERVOUS SYSTEM, SYMPATHETIC

[illegible] of the vegetative nervous [illegible] no. [illegible]

[illegible] of sympathetic [illegible]

[illegible] of vegetative ganglia. [illegible]

NERVOUS SYSTEM, SYMPATHETIC— SURGERY

[illegible] of sympathetic innervation on the [illegible] phosphorus compounds [illegible] [with summary in English] V.A. [illegible] no. [illegible] Ja '60.

[illegible]

[illegible] ART, RENAISSANCE

[illegible]

[illegible] PRESERVATION

[illegible] Jl '60.

[illegible]

[illegible] shipping and [illegible]

[illegible] no. 475, 1959, [illegible] 1960]

[illegible]

[illegible] experimental [illegible] Trudy Inst.[illegible]

[illegible], A.[illegible]. [[illegible] and their treatment] [illegible] Moskva, Medgiz, 1959. [illegible] (MIRA [illegible])

NEUTRONS

[illegible] of neutron bombardment of the structure of lithium [illegible] crystals. D.V. [illegible], M.I. [illegible]. [illegible] 5 no. 1:58-62 Ja-F '60.

[illegible] G.V. [illegible], N.M. [illegible] 131 no. [illegible] Jl '60.

[illegible] average number of neutrons [illegible] induced by 14.3 Mev [illegible] [with summary in English] [illegible] A. Vasil'ev [illegible] no. [illegible]

Mechanism of emission of [illegible] fission neutrons [with summary in English]. V.N.Nefedov. Zhur.eksp. i teor.fiz. 38 no.6:1657-1662 Je '60.

Production of "supercold" polarized neutrons. G. M. Drabkin, R. A. Zhitnikov. Zhur. eksp. i teor. fiz. 38 no. 4:1013-1014 Mr '60.

[Some mathematical problems on neutron physics] Nekotorye matematicheskie zadachi neitronnoi fiziki, sbornik rabot kafedry atomnogo iadra fizicheskogo fakul'teta MGU pod red. E.S. Kuznetsova. [Moskva] Izd-vo Mosk. univ., 1960. 219 p.

Spectrum of neutrons from the d + p reaction [with summary in English]. N. A. Vlasov and others. Zhur. eksp. i teor. fiz. 38 no.6:1733-1737 Je '60.

Yield of photoneutrons emitted from lead under the action of electrons with energies from 10.5 to 20.5 Mev (thick absorber method) [with summary in English]. V. M. Grebkin and others. Zhur. eksp. i teor. fiz. 38 no. 5:1379-1381 My '60.

NEUTRONS— CAPTURE

Measuring the energy dependence of the radiative capture of neutrons in iron, silver, and gold in the energy range up to 80 Kev. A. I. Isakov, IU. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 38 no. 3:989-991 Mr '60.

NEUTRONS— DECAY

Comments on S. M. Bilen'kii, R. M. Ryndin, IA. A. Smorodinskii and Kho Tso-siu's article "Theory of the β decay of a neutron." Zhur. eksp. i teor. fiz. 38 no. 3:1011 Mr '60.

NEUTRONS— DIFFRACTION

Crystals for neutronographic investigations [with summary in English]. R. A. Alikhanov. Zhur. eksp. i teor. fiz. 38 no. 3:1006-1008 Mr '60.

NEUTRONS— SCATTERING

Angular distribution of elastically scattered neutrons [with summary in English]. G. N. Lovchikova. Zhur. eksp. i teor. fiz. 38 no. 5:1434-1435 My '60.

NEUTRONS— SPECTRA

Investigating the spectra of neutrons emitted in the disintegration of deuterons under the action of protons [with summary in English]. V. V. Komarov, A. M. Popova. Zhur. eksp. i teor. fiz. 38 no. 5:1559-1561 My '60.

NEVEDOMSKII, IVAN AFANAS'EVICH, 1785-1813

New materials for the biography of I. A. Nevedomskii. I. G. Spasskii. Trudy Gos. Erm. 3:188-210 '59.

NEW GUINEA— MISSIONS

The role of missionaries in the spread of European culture in New Guinea [with summary in English]. M. S. Butinova. Vest. ist. mir. kul't. no. 2:61-78 Mr-Ap '60.

NEW GUINEA, DUTCH— MILITARY BASES, AMERICAN

Double-dealers. Nov. vrem. 19 no. 29:21 Jl '60.

NEW YORK (CITY)— LIBRARIES

Through New York libraries. V. Orlov. Bibliotekar' no. [illegible] Jl '60.

NEW YORK (CITY)— STRIKES AND LOCKOUTS— CLOTHING INDUSTRY

Twenty thousand were on strike. Clara Lemlih Shavelson. Zhen. mira no. 6:20 '60.

NEW ZEALAND— DESCRIPTION AND TRAVEL

In the land of geysers. V. Murvskii. Ogonek 38 no. 23: 18-19 Je '60.

NEW ZEALAND— MUSIC

On the fifth continent. Tat'iana Nikolaeva. Sov. muz. 24 no. 6:147-150 Je '60.

NEW ZEALAND— RELATIONS (GENERAL) WITH RUSSIA

Distance is not an obstacle to friendship. V. Gramenko. Kul't. i zhizn' 4 no. 7:41-42 '60.

NEWS PHOTOGRAPHERS

Important creative talks at the First All-Union Seminar of News Photographers. Sov. foto 20 no.7:2-8 Jl '60.

NEWS PHOTOGRAPHERS— CONGRESSES

Tasks of the modern news photographers. B. F. Kuegel-chen. Sov. foto 20 no. 7:14-17 Jl '60.

NEWSPAPER AND PERIODICAL CIRCULATION (see also subdivision under Nikolayev Province, Ukraine)

Advertising should be easy to understand. M. Vulkanova. Raspr. pech. no. 7:21-24 Jl '60.

At the order of the newsstand operator. S. Volodin. Raspr. pech. no. 7:9-10 Jl '60.

Broaden competition among brigades and shock workers of communist labor. Raspr. pech. no. 7:1-2 Jl '60.

Issue the publisher's advertisements in good time. I. Varsanov. Raspr. pech. no. 7:16 Jl '60.

Put information and advertising work on a higher plane. N. Grigor'ev. Raspr. pech. no. 7:11-15 Jl '60.

Should one take subscriptions from the 15th? V. Prokimsov. Raspr. pech. no. 7:18-19 Jl '60.

Simplify the placing of orders by telegraphy. P. Glazun. Raspr. pech. no. 7:20-21 Jl '60.

Volunteer distributors of printed matter. E. Vinokurova. Raspr. pech. no. 7:6-7 Jl '60.

Work steadily with volunteer distributors of literature. M. Razorenov. Raspr. pech. no. 7:3-5 Jl '60

NEWSPAPER PUBLISHING

The route of a mat. V. Shipov. Grazhd av. 17 no. 5: 21-21 My '60.

NEWSPAPER VENDORS

How I sold newspapers. M. Semenov. Sov. pech. no. 7: 48-49 Jl '60.

NEWSPAPERS see subdivision under Leningrad, Orekhovo-Zuyevo, Ryazan, Stalino, Stavropol Territory

NEXØ, MARTIN ANDERSEN, 1869-1954

Krymova, N.I., and A.S. Pogodin. Martin Anderson Nekso. Moskva, Izd-vo "Znanie," 1960. 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 13)

NEZHDANOVA, ANTONINA VASIL'EVNA, 1873-1950

In memory of a great Russian singer. E. Katul'skaia. Sov. muz. 24 no. 7:118-122 Jl '60.

NEZHIN—EDUCATION, COOPERATIVE

How a school tries to prevent the dropping out of students. M. N. Shust. Rad. shk. 39 no. 7:39-41 Jl '60.

NEZVAL, VITEZLAV, 1900-1958

A discussion of the book on Vitezslav Nezval. Vest. Mosk. un. Ser. 7: Filol., zhur. no. 1:85 '60

NICKEL

Nickel-zinc storage cell. V. V. Romanov and others. Zhur. prikl. khim. 33 no. 7:1556-1564 Jl '60

NICKEL—ANALYSIS

Conditions for the extraction of nickel with dimethylglyoxime in the presence of cobalt. M. V. Korotun. Ukr. khim. zhur. 26 no. 3:377-380 '60.

Determination of small amounts of cadmium in nickel and cobalt by means of ion exchange. V. N. Pavlova, N. P. Strel'nikova. Zav. lab. 26 no. 5:536-537 '60

NICKEL—ELECTROMETALLURGY

Cause of dendrite formation on cathodic nickel. T. V. Grani'. TSvet. met. 33 no. 7:32-39 Jl '60

Reduction of nickel oxide by electric smelting for the production of anode metal. V. IA. Pozniakov, A. G. Arnov, IU. V. Alekseev. TSvet. met. 33 no. 5:26-31 My '60.

NICKEL—ISOTOPES

Angular distribution of protons in connection with inelastic scattering on isotopes of chromium and nickel. M. V. Pasechnik, N. N. Pucherov, V. I. Chirko. Izv. AN SSSR Ser. fiz. 24 no. 7:874-876 Jl '60.

NICKEL—MAGNETIC PROPERTIES

Investigating the anisotropy energy of nickel magnetization. I. M. Puzei. Sbor. trud. TSNIICHM no. 23:139-149 '60.

NICKEL—METALLURGY

Pilot plant testing of the smelting of oxidized nickel ores with a blow containing up to 45 percent oxygen. TSvet. met. 33 no. 7:23-28 Jl '60

Process of mineral formation in the smelting of oxidized nickel ores. V. V. Lapin, N. N. Kurtseva. Trudy IGEM 42:44-59 '60

NICKEL—SPECTRA

"Growth curves" of certain spectral lines of molybdenum and nickel. Zh. Zheenbaev, V. Engel'sht. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2:55-59 '59.

NICKEL ACETATE

Study of metallic nickel and of nickel on aluminum oxide as hydrogenation catalyst. Report No. 2: Genesis and activity of catalysts obtained from nickel acetate. A. A. Alchudzhan. Izv. AN Arm. SSR Khim. nauki 13 no. 1:3-15 '60.

NICKEL ALLOYS

Effect of vanadium on the properties of commer with a nickel base. E. M. Savitskii, U. K. Duis Vest. AN Kazakh. SSR 16 no. 6:43-47 Je '60.

NICKEL ALLOYS—MAGNETIC PROPERTIES

Developing methods of preparing magnetically 50N and 79NM alloys with high magnetic prop V. I. Sokolov. Sbor. trud. TSNIICHM no. 23:5-

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL CHROMIUM ALLOYS—COLD WORKIN

Effect of deformation distortions and aging on diffusion in nickel-base alloys. S. S. Gorelik Romashov, E. I. Shchedrin. Sbor. Inst. stali 381-390 '60.

NEMATODA
(see also subdivision under Georgia, Kansu Province, Kola Peninsula, Maritime Territory, Sikhote-Alin' Preserve, Yakutia)
Identity of the species Amidostomum fulicae (Rudolphi, 1819) and Amidostomum raillieti (Skrjabin, 1915). A. V. Petrov. Trudy Gel'm.lab. 10:166-172 '60.
Material on practical use of predatory fungi in the control of some geohelminthiases. I. I. Soprunov, IU. IA. Tendetnik. Trudy Gel'm.lab. 10:189-191 '60.
Nematodes of the subfamily Parabronematinae Skrjabin, 1941 in the light of morphological and taxonomic studies. V. M. Ivashkin. Trudy Gel'm.lab. 10:91-108 '60.
Position of the subfamilies Spiroxyinae (Baylis et Lane, 1920) and Ancyracanthinae (Yorke et Maplestone, 1926) in the system of Spirurata. V. M. Ivashkin. Trudy Gel'm. lab. 10:92-94 '60.
Revision of the genus Hystrichis (Dujardin, 1845) (Dioctophymata, Nematoda). L. M. Karmanova. Trudy Gel'm. lab. 10:112-116 '60.
Studying the effect of ionizing radiation (X rays) on the eggs of Trichocephalus muris Schrank, 1788. N. P. Shikhobalova, L. S. Parashinskaia. Trudy Gel'm. lab. 10:248-254 '60.

NEMATODE DISEASES OF PLANTS
Dynamic regularities of the nematode fauna of forage grasses and factors influencing them. L. A. Baranovskaia. Trudy Gel'm. lab. 10:32-45 '60.

NEMESHAYEVO—ANTIBIOTICS
Production of biomycin at the Nemeshayevo plant of feed antibiotics. I. M. Tkachenko, N. IA. Savchenko, V. M. Semerakh. Spirt. prom. 26 no.5:24-30 '60.

NEMESHAYEVO—BIOMYCIN
Production of biomycin at the Nemeshayevo plant of feed antibiotics. I. M. Tkachenko, N. IA. Savchenko, V. M. Semerakh. Spirt. prom. 26 no.5:24-30 '60.

NENETS NATIONAL AREA—DESCRIPTION AND TRAVEL
Kokovin, I. S., and M. I. Skorokhodov. [Under the North Star] Pod Poliarnoi zvezdoi. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 157 p.

NEODYMIUM CHLORIDE
Thermal analysis of the systems $NdCl_3$ - $LaCl_3$, $LaCl_3$ - NaCl, $LaCl_3$ - KCl, $LaCl_3$ - CsCl, and $NdCl_3$ - $LaCl_3$ - KCl. V. I. Ionov, I. S. Morozov, B. G. Korshunov. Zhur.neorg.khim. 5 no.6:1348-1351 Je '60.

NEODYMIUM OXIDE
Electron diffraction study of neodymium oxides. M. S. Beletskii, M. I. Erusalimskii. Dokl.AN SSSR 133 no.5:955-958 Jl '60.

NEON—ISOTOPES
Elastic scattering of protons by Ne^{20} nuclei. A. K. Valter and others. Izv.AN SSSR.Ser.fiz. 24 no.7:884-886 Jl '60.

NEO-SCHOLASTICISM
Learned lackeys of clericalism. M. IA. Shcherbin. Nauka i zhyttia 10 no.7:54-57 Jl '60.
Leninist principle of party spirit as a powerful weapon in the struggle against present-day bourgeois ideology. IA. M. Bohomaz. Visnyk AN URSR [illegible] no.[illegible]:68-77 '60.

NEOTENY
Neoteny in annual weeds [with summary in English]. I. V. Polianov. Ukr.bot.zhur. 17 no.3:30-34 '60.

NEPHRITIS see Kidneys—Diseases

NERCHINSK DISTRICT (CHITA PROVINCE)—TULAREMIA
Tularemia in the Nerchinsk District of Chita Province. A. D. Sobolkova and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:147-152 '59.

NERVES
Changes in the electrical potential along a nerve following the formation in it of a focus of alteration by pressure. Preliminary report. F. D. Shvets. Trudy Inst.vys. nerv.deiat.Ser.fiziol. 4:94-100 '60.
Changes in the proportion of ribonucleic acid in "denatified" nerve cells. F. R. Dunaevskii. Dokl. AN SSSR 133 no.4:954-956 Ag '60.
Concerning IU. M. Zhabotinskii's article "On the division of nerve cells in the central nervous system of man and mammals." G. A. Koblov. Arkh.anat.gist.i embr. 38 no.1:100-101 Ja '60.
Lability of nerves affected by barium and magnesium chlorides [with summary in English]. S. D. Kovton. Fiziol. zhur. [Ukr.] 6 no.4:481-489 Jl-Ag '60.
Relationship between highly elastic properties of the nerve fiber and certain functional characteristics. K. M. L'vov, L. P. Katushin, R. G. Lindkovskaia. Biofizika 5 no.3:179-181 '60.
Ultraviolet absorption by the giant axon of sepia in a state of rest and excitation [with summary in English]. L. P. Katushin, R. G. Lindkovskaia, I. P. Shimelev. Biofizika 5 no.3:279-284 '60.

NERVES, FACIAL
Histological changes in the submaxillary salivary gland following transection of the tympanic cord. I. D. Chernova. Biul. MOIP. Otd. biol. 65 no.3:143-144 My-Je '60.

NERVES, PERIPHERAL
Myelination of the peripheral nervous system in amphibians. V. I. Borovlagin. Dokl. AN SSSR 133 no.4:944-947 Ag '60.

NERVES, PERIPHERAL—TRANSPLANTATION
Influence of X-irradiation of the recipient on homoplastic transplantation of the peripheral nerve [with summary in English]. IU. M. Gudzovskaia. Biul. eksp. biol. i med. 49 no.1:110-114 Ja '60.

NERVES, SPINAL
Spinal sensory component of the ganglia of the sympathetic nervous system [with summary in English]. N. K. Landishman. Biul. eksp. biol. i med. 49 no.1:122-125 Ja '60.

NERVES, SPINAL—DISEASES
Clinical aspects and treatment of vegetative forms of lumbosacral radiculitis. P. A. Bugaenko. Vrach. delo no.7:[illegible] Jl '60.
Morphological changes in the cervicothoracic ganglia in cancer of various localization [with summary in English]. A. I. Kalecheva, IU. S. Kolesnik. Vrach. delo no.7:80-85 Jl '60.
Vitenskii, D. S. [Radiculitis; treatment and prevention] Radikulit, lechenie i preduprezhdenie, populiarnyi ocherk. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1958. 31 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

NERVES, SPLANCHNIC
Zone of the splanchnic nerve in the thalamus of the cat. R. A. Durinian. Dokl. AN SSSR 133 no.1:244-246 Jl '60.

NERVOUS SYSTEM
Appearance of tumors in dogs following "disruption" of the nervous system. L. M. Kolodiazhnaia, O. I. Korobovich. Vrach. delo no.7:69-71 Jl '60.
Arbuzov, S. IA. [Analeptic and anticonvulsant action of stimulators of the nervous system] Analepticheskoe i antikonvul'sivnoe deistvie stimuliatorov nervnoi sistemy. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1960. 288 p.
(DNLM)
Beritov, I. S. [General physiology of the muscular and nervous system] Obshchaia fiziologiia myshechnoi i nervnoi sistemy. Izd.3., perer. Moskva, Medgiz, 1959. 1 v.
(DNLM)
Biological aspect of the problem of the types of the nervous system. D. I. [illegible]. Fiziol. zhur. [Ukr.] 6 no.3:291-302 My-Je '60.
Central antagonism between [illegible] and procaine [with summary in English]. M. I. Kazhdanovskii. Biul. eksp. biol. i med. 49 no.1:70-75 Ja '60.
Changes in the permeability of the hematoencephalic and hematoophthalmic barriers in chronic intoxication. G. M. Butenko. Dokl. AN SSSR 133 no.1:240-243 Jl '60.
Comparative pathohistology of changes in the central nervous system in rabbits following local and total body irradiation. [illegible]. Trudy Inst. vys. nerv. deiat. Ser. patofiziol. [illegible] '60.
Darwinism and I. P. Pavlov's theory of the higher nervous activity. A. B. Khel'tsbandt. Fiziol. zhur. [Ukr.] 6 no.4:430-440 Jl-Ag '60.
Dynamics of the blood sugar level in various functional conditions of the higher portions of the central nervous system. Report No. 5: Dynamics of the blood sugar level in dogs during the development of a neurotic condition. M. G. [illegible]. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:166-174 '60.
Higher nervous activity in [illegible]. A. A. [illegible]. [illegible] '60.
Individual distinctions in the concentration of stimulations and the strength of the nervous system [with summary in English]. I. B. Ermolaeva-Tomina. Vop. psikhol. 6 no.2:84-95 Mr-Ap '60.
Influence of [illegible] on the higher nervous activity of animals (dogs). Report No. 5. L. G. [illegible]. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:[illegible] '60.
Influence of glutamic acid on cholinergic excitation in the central and peripheral synapses [with summary in English]. P. I. Diakova. Biul. eksp. biol. i med. 49 no.1:83-86 Ja '60.
Influence of novocaine on the higher nervous activity of old dogs. G. I. Fedorovich. Vrach. delo no.7:[illegible]-57 Jl '60.
Interoceptive reflexes from the bladder following transection of the spinal cord and different autonomic formations. K. I. Zorin-Filkina, M. P. Kul'vanovskii. Trudy Inst. fiziol. AN BSSR 3:178-189 '59.
Morphological character of the structural changes in the central nervous system of white rats during postnatal development following irradiation of their mothers during pregnancy. N. I. Artishina. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:257-270 '60.
Nervous regulation of some digestive processes in the duodenum in sheep and camels. Report No. 1. N. M. Trofimova. Trudy Inst. fiziol. AN Kazakh SSR 2:72-81 '59.

[illegible]

Recent data on neurosecretion and neurohormonal effects in insects. Manfred Gerach. Zhur. ob biol. 21 no. 4: 245-260 Jl-Ag '60.

NERVOUS SYSTEM—RODENTIA

Investigation of the vegetative ganglia of guinea pigs in plague. E. I Klets, R S. Kolesnik Izv Irk gos nauch - issl protivochum inst 11 82-88 '57

NERVOUS SYSTEM—SURGERY

Problems of modern neurosurgery E. I. Kandel' Biol v shkole no 4 76-84 Jl-Ag '60.

Significance of paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the cerebrospinal fluid and blood serum in the diagnosis of tumorous and chronic inflammatory diseases of the nervous system. A. IU. Makarov. Trudy LIETIN 2:238-249 '59.

Ugriumov, V. M., L. S. Vaskin, and L. V. Abrakov. [Operative neurosurgery, manual for physicians] Operativnaia neirokhirurgiia, posobie dlia vrachei. [Leningrad] Medgiz, 1959. 314 p.
(DNLM)

NERVOUS SYSTEM—TUMORS

X ray diagnosis of intrathoracic neurinoma. Sh. M Mirganiev. Med. zhur. Uzb. no. 12 29-38 D '58.

NERVOUS SYSTEM, AUTONOMIC

Role of various autonomic formations in the afferent innervation of the rectum. M. P. Kul'vanovskii. Trudy Inst. fiziol. AN BSSR 3:190-204 '59.

Sources of the development of intramural vegetative ganglia in vertebrate embryogenesis. A. G. Knorre, L. V. Suvorova. Arkh. anat. gist. i embr. 38 no. 1 105-116 Ja '60.

Vascular reactions in schizophrenics during aminazine treatment [with summary in English]. V M. Bleikher, D. A. Brandus, R. I Zolotnyts'kyi Fiziol. zhur [Ukr] 6 no 3 400-401 My-Je '60.

NERVOUS SYSTEM, SYMPATHETIC

Afferent apparatus in ganglia of the vegetative nervous system. N. G Kolosov. Dokl. AN SSSR 133 no. 3 686-689 Jl '60.

Influence of irritation of the superior cervical sympathetic ganglia on conditioned reflexes in dogs. N. G. Ivanova. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:78-94 '59.

Postfetal development of the sympathetic nervous system under normal and pathological conditions D M Golub, K I Golshan, P. N Chaika Zdrav Belor 4 no 3 18-23 Mr '58

Spinal sensory component of vegetative ganglia. N. K. Landshman. Biul. MOIP. Otd. biol. 65 no. 3:140-150 My-Je '60

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Influence of the exclusion of sympathetic innervation on the amount of glycogen and macroergic phosphorus compounds in the myocardium [with summary in English]. V. A. Govyrin Biul. eksp. biol. i med. 49 no. 1 67-69 Ja '60.

NESTEROV DISTRICT—MOTION-PICTURE PROJECTION

For rural movie-goers. L. Sybalov, A. Cherenovs'kyi. Suts. kul't. 13 no. 7:40 Jl '60.

NETHERLANDS—ART, RENAISSANCE

The beginning of the Dutch renaissance. R. Klimov. Iskusstvo 23 no. 5:58-67 '60.

NETHERLANDS—FEED-WATER PURIFICATION

Water softener for lifeboats [from "Svensk Sjofarts Tidning," no. 40, 1959]. Sudostroenie no. 7:69 Jl '60.

NETHERLANDS—SHIPBUILDING

Cargo liner "Togokust" [from "Holland Shipping and Marine Engineering," no. 11, 1959]. Sudostroenie no. 7: 74 Jl '60.

Tanker "Java" [from "The Motor Ship," no. 475, 1960, "The Shipping World," no. 3473, 1960]. Sudostroenie no. 7:72 Jl '60.

NEUROSES

Morphological picture of the blood in experimental neurosis in dogs. T. N. Riantseva. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:172-180 '60.

Sviadoshch, A. M. [Neuroses and their treatment] Nevrozy i ikh lechenie. Moskva, Medgiz, 1959. 366 p.
(DNLM)

NEUTRONS

Effect of neutron bombardment of the structure of lithium fluoride crystals. E. V. Kolontsova, M. I. Zhestovskaia. Kristallografiia 5 no. 1:59-62 Ja-F '60.

Emission of neutrons by rocks G V. Gorshkov, N M Liatkovskaia. Dokl. AN SSSR 133 no 1:92-94 Jl '60

Measuring the spectra and average number of neutrons in the fission of U235 and U238 induced by 14. 3 Mev neutrons [with summary in English] IU. A. Vasil'ev and others. Zhur eksp. i teor fiz. 38 no. 3 670-681 Mr '60.

Mechanism of emission of instantaneous fission neutrons [with summary in English]. V. N. Nefedov. Zhur. eksp. i teor. fiz. 38 no. 6:1657-1662 Je '60.

Zhur eksp i teor fiz 38 no 3 1013-1014 Mr '60

[Some mathematical problems on neutron physics] Nekotorye matematicheskie zadachi neitronnoi fiziki, sbornik rabot kafedry atomnogo iadra fizicheskogo fakul'teta MGU pod red. E. S. Kuznetsova. [Moskva] Izd-vo Mosk. univ., 1960. 219 p.

Spectrum of neutrons from the d + p reaction [with summary in English]. N. A. Vlasov and others. Zhur. eksp. i teor. fiz. 38 no. 6 1733-1737 Je '60.

Yield of photoneutrons emitted from lead under the action of electrons with energies from 10 5 to 20 5 Mev (thick absorber method) [with summary in English] V M Grizhko and others Zhur eksp i teor fiz 38 no 5 1370-1373 My '60

NEUTRONS—CAPTURE

Measuring the energy dependence of the radiative capture of neutrons in iron, silver, and gold in the energy range up to 30 Kev A I Isakov, IU P Popov, F L Shapiro Zhur eksp i teor fiz 38 no 3 989-993 Mr '60

NEUTRONS—DECAY

Comments on S M Bilen'kii, R. M Ryndin, IA A Smorodinskii and Khe TSzo-siu's article "Theory of the β-decay of a neutron " Zhur eksp i teor fiz 38 no 3 1013 Mr '60

NEUTRONS—DIFFRACTION

Cryostat for neutronographic investigations [with summary in English] R A Alikhanov Zhur eksp i teor fiz 38 no. 3 806-808 Mr '60

NEUTRONS—SCATTERING

Angular distribution of elastically scattered neutrons [with summary in English]. G N Lovchikova Zhur eksp i teor. fiz 38 no 5 1134-1135 My '60

NEUTRONS—SPECTRA

Investigating the spectra of neutrons emitted in the disintegration of deuterons under the action of protons [with summary in English] V V. Komarov, A M Popova Zhur eksp i teor fiz 38 no 5 1599-1563 My '60

NEVEDOMSKII, IVAN AFANAS'EVICH, 1785-1813

New materials for the biography of I. A. Nevedomskii, I. G. Spasskii. Trudy Gos. Erm. 3:188-210 '59.

NEW GUINEA—MISSIONS

The role of missionaries in the spread of European culture in New Guinea [with summary in English]. M. S. Butinova. Vest. ist. mir kul't. no. 2:64-78 Mr-Ap '60.

NEW GUINEA, DUTCH—MILITARY BASES, AMERICAN

Double-dealers. Nov. vrem. 18 no. 28:21 Jl '60.

NEW YORK (CITY)—LIBRARIES

Through New York libraries. V. Orlov. Bibliotekar' no. 7:53-56 Jl '60.

NEW YORK (CITY)—STRIKES AND LOCKOUTS—CLOTHING INDUSTRY

Twenty thousand were on strike. Clara Lemlih Shavelson. Zehn. mira no. 6:29 '60.

NEW ZEALAND—DESCRIPTION AND TRAVEL

In the land of geysers V Maevskii. Ogonek 38 no 23 18-19 Je '60

NEW ZEALAND—MUSIC

On the fifth continent. Tat'iana Nikolaeva. Sov. muz. 24 no 6:177-180 Je '60.

NEW ZEALAND—RELATIONS (GENERAL) WITH RUSSIA

Distance is not an obstacle to friendship V Gromeka Kul't i zhizn' 4 no 7,44-47 '60

NEWS PHOTOGRAPHERS

Important creative talks at the First All-Union Seminar of News Photographers. Sov. foto 20 no. 7:2-6 Jl '60.

NEWS PHOTOGRAPHERS—CONGRESSES

Tasks of the modern news photographers. B. F. Kuegelchen. Sov. foto 20 no. 7:14-17 Jl '60.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Nikolayev Province, Ukraine)

Advertising should be easy to understand. M. Vulkanova. Raspr. pech. no. 7:23-24 Jl '60.

At the order of the newsstand operator. S. Volodin. Raspr. pech. no. 7:9-10 Jl '60.

Broaden competition among brigades and shock workers of communist labor. Raspr. pech. no. 7:1-2 Jl '60.

Issue the publisher's advertisements in good time. I. Varzanov. Raspr. pech. no. 7:16 Jl '60.

Put information and advertising work on a higher plane. N. Ogureev. Raspr. pech. no. 7:13-15 Jl '60.

Should one take subscriptions from the 15th? V. Prokimnov. Raspr. pech. no. 7:18-19 Jl '60.

Simplify the placing of orders by telegraphy. P. Glazun. Raspr. pech. no. 7:20-21 Jl '60.

Raspr. pech. no. 7 6-7 Jl '60.

Work steadily with volunteer distributors of literature. M Razorenov Raspr pech no 7,3-5 Jl '60

NEWSPAPER PUBLISHING

The route of a mat. V. Shipov Grazhd a. 17 no 5: 21-24 My '60

NEWSPAPER VENDORS

How I sold newspapers. M. Semenov. Sov. pech. no 7. 18-19 Jl '60.

NEWSPAPERS see subdivision under Leningrad, Orekhovo- Zuyevo, Ryazan, Stalino, Stavropol Territory

NEXØ, MARTIN ANDERSEN, 1869-1954

Krymova, N. I., and A. S Pogodin. Martin Anderson Nekse. Moskva, Izd-vo "Znanie," 1960 31 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 6, Literatura i iskusstvo, no. 13)

NEZHDANOVA, ANTONINA VASIL'EVNA, 1873-1950

In memory of a great Russian singer E. Katul'skaia. Sov. muz. 24 no 7 118-122 Jl '60.

NEZHIN—EDUCATION, COOPERATIVE

How a school tries to prevent the dropping out of students. M. N Shust. Rad. shk 39 no. 7 39-41 Jl '60.

NEZVAL, VITEZLAV, 1900-1958

A discussion of the book on Vitezslav Nezval. Vest. Mosk. un. Ser. 7: Filol., zhur. no. 1:85 '60.

NICKEL

Nickel-zinc storage cell V V Romanov and others Zhur prikl khim 33 no 7 1556-1563 Jl '60

NICKEL—ANALYSIS

Conditions for the extraction of nickel with dimethylglyoxime in the presence of cobalt. M. V. Korotun. Ukr. khim. zhur. 26 no. 3 377-380 '60.

Determination of small amounts of cadmium in nickel and cobalt by means of ion exchange. V. N. Pavlova, N. P. Strel'nikova. Zav. lab. 26 no. 5 536-537 '60

NICKEL—ELECTROMETALLURGY

Cause of dendrite formation on cathodic nickel T. V Gran' TSvet met 33 no 7 32-39 Jl '60.

Reduction of nickel oxide by electric smelting for the production of anode metal. V. IA Pozniakov, A. G. Agaev, IU. V. Alekseev. TSvet. met. 33 no 5 26-31 My '60.

NICKEL—ISOTOPES

Angular distribution of protons in connection with inelastic scattering on isotopes of chromium and nickel. M. V. Pasechnik, N. N. Pucherov, V. I. Chirko. Izv AN SSSR Ser. fiz. 24 no. 7 874-876 Jl '60.

NICKEL—MAGNETIC PROPERTIES

Investigating the anisotropy energy of nickel magnetization. I M. Puzei. Sbor. trud. TSNIICHM no. 23.139-149 '60.

NICKEL—METALLURGY

Pilot plant testing of the smelting of oxidized nickel ores with a blow containing up to 45 percent oxygen TSvet met 33 no. 7 23-28 Jl '60

Process of mineral formation in the smelting of oxidized nickel ores. V. V Lapin, N N. Kurtseva Trudy IGEM 42 41-50 '60.

NICKEL—SPECTRA

"Growth curves" of certain spectral lines of molybdenum and nickel. Zh. Zheenbaev, V. Engel'sht. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2 55-58 '59

NICKEL ACETATE

Study of metallic nickel and of nickel on aluminum oxide as hydrogenation catalyst. Report No. 2 Genesis and activity of catalysts obtained from nickel acetate. A. A. Alchudzhian. Izv. AN Arm. SSR Khim. nauki 13 no. 1:3-15 '60.

NICKEL ALLOYS

Effect of vanadium on the properties of commercial alloys with a nickel base. E. M. Savitskii, U. K. Duisemaliev Vest. AN Kazakh. SSR 16 no. 6:43-47 Je '60

NICKEL ALLOYS—MAGNETIC PROPERTIES

Developing methods of preparing magnetically soft, 50N and 79NM alloys with high magnetic properties. V. I. Sokolov. Sbor. trud. TSNIICHM no 23:5-22 '60.

NICKEL CATALYSTS see Catalysts, Nickel

NICKEL-CHROMIUM ALLOYS—COLD WORKING

Effect of deformation distortions and aging on the rate of diffusion in nickel-base alloys. S. S. Gorelik, V. M. Romashov, E. I. Shchedrin. Sbor. Inst. stali no. 39: 381-399 '60.

NICKEL-CHROMIUM ALLOYS—METALLOGRAPHY
Investigating the decomposition kinetics of KhN80T alloys. B.G.Livshits, IU.S.Avraamov. Sbor.Inst.stali no.39:364-380 '60.
X-ray investigation of nickel-chromium alloys. I.V.Smushkov, L.I.Karakulin. Fiz.met.i metalloved. 9 no.6:912-915 Je '60.

NICKEL-CHROMIUM ALLOYS—WELDING
Welding 25 mm. thick, Kh20N80T chromium-nickel alloy castings. A.S.Astaf'ev, B.I.Ivanov. Avtom. svar. 13 no.6:48-51 Je '60.

NICKEL-CHROMIUM-ALUMINUM ALLOYS
Studying the hardening of nickel-chromium-aluminum and nickel-chromium-tungsten solid solutions. M.P.Arbuzov, M.P.Kruglikovskaia, V.G.Chernyi. Izv.vys.ucheb.zav.;fiz. no.3:170-174 '60.

NICKEL-CHROMIUM-IRON ALLOYS—COLD WORKING
Effect of texture on the mechanical properties of KhN80 nickel-chromium-iron alloys. M.L.Bernshtein, G.L.Kreizerman. Sbor.Inst.stali no.39:345-361 '60.

NICKEL-CHROMIUM-TUNGSTEN ALLOYS
Studying the hardening of nickel-chromium-aluminum and nickel-chromium-tungsten solid solutions. M.P.Arbuzov, M.P.Kruglikovskaia, V.G.Chernyi. Izv.vys.ucheb.zav.;fiz. no.3:170-174 '60.

NICKEL COMPOUNDS
Polarographic study of the kinetics of formation of thiocyanate nickel complexes in aqueous solution [with summary in English]. IA.I.Tur'ian, G.F.Serova. Zhur.fiz.khim. 34 no.5:1009-1017 My '60.

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL INDUSTRY see subdivision under Murmansk Province

NICKEL-IRON-CHROMIUM ALLOYS see Iron-chromium-nickel alloys

NICKEL-IRON-MOLYBDENUM ALLOYS—MAGNETIC PROPERTIES
Magnetostriction of nickel-iron-molybdenum alloys. I.M.Puzei, B.V.Molotilov. Sbor.trud.TSNIICHM no.23:150-160 '60.

NICKEL-MOLYBDENUM ALLOYS
Nickel-molybdenum alloys for corrosive media. E.V.Zotova. Khim.mash. no.4:10-12 Jl-Ag '60.

NICKEL OXIDE
Effect of the content of nickelous oxide on the activity of alumina-nickel oxide catalysts in the process of destructive hydrogenation at low pressures. IA.R.Katsobashvili, A.A.Popov. Zhur.prikl.khim. 33 no.7:1607-1611 Jl '60.

NICKEL-PALLADIUM-IRON ALLOYS see Iron-nickel-palladium alloys

NICKEL-PHOSPHORUS ALLOYS
Continuous determination of the thickness of nickel-phosphorus coatings. G.G.Zvanimovich. Zav.lab. 26 no.7:838-839 '60.

NICKEL PLATING
Analyzing a solid nickel bath. L.V.Kukhtina. Poligr. proizv. no.6:23 Je '60.

NICKEL-PLATINUM ALLOYS
Short-range order and x-ray characteristic temperature of Ni_3Pt. V.I.Iveronova, A.A.Katsnel'son. Kristallografiia 5 no.1:71-78 Ja-F '60.

NICKEL SULFIDE
Catalytic decomposition of hydrazine on nickel sulfide and its solid solutions. Khuan Iu-mei, N.P.Keier, S.Z.Roginskii. Dokl.AN SSSR 133 no.2:413-416 Jl '60.
Chemical adsorption on pure and impure NiS. Khuan Iu-mei, N.P.Keier, S.Z.Roginskii. Dokl.AN SSSR 133 no.3:641-644 Jl '60.

NICKEL TUNGSTATE
Determination of the heats of formation of manganese and nickel tungstates. A.V.Pronkina, T.N.Rezukhina. Zhur.neorg.khim. 5 no.5:1016-1021 My '60.

NICOTINIC ACID
Nicotinic acid and sulfidine. E.V.Bogdanova. Trudy VNIVI 9:216-219 '59.

NIGERIA—ECONOMIC CONDITIONS
Nigeria. V.Makarov. Otv.na vop.trud. no.15:60-64 '60.

NIGERIA—POLITICS AND GOVERNMENT
Nigeria. V.Makarov. Otv.na vop.trud. no.15:60-64 '60.

NIGHTINGALE, FLORENCE, 1820-1910
Florence Nightingale. D.I.Rektynbarg. Med.sestra 19 no.8:38-41 Ag '60.

NIKHIMOV, PAVEL STEPANOVICH, 1802-1855
Polikarpov, V.D. Pavel Stepanovich Nakhimov. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 310 p.

NIKITINIA see subdivision under Kopet Dag

NIKOLAEVA, TAT'IANA
Concerts by T.Nikolaeva in Australia and New Zealand. Sov.muz. 24 no.6:181 Je '60.

NIKOLAI, Bishop of Cheboksary and Chuvashia, 1891-
Nomination and ordination of Archimandrite Nikolai ([illegible]). Zhur.Mosk.Patr. no.5:40-43 My '60.

NIKOLAYEV PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION
They sell newspapers in rural stores. M.Ivashchenko. [illegible] no.7:44 Jl '60.

NIKOLAYEV PROVINCE—TILES, ROOFING
A well equipped roofing-tile plant for every interfarm building organization. [illegible] 10 no.5:4-5 My '60.

NIKOLAYEVSK—KILNS, ROTARY
Checkered lining of rotary kilns. O.Shlakhtenko. [illegible] no.7:14 Jl '60.

NINHYDRIN
Ninhydrin method of determining proline and oxyproline in an acid medium by chromatography on starch. I.P.Aleksenko, V.N.Orekhovich. Dokl.AN SSSR 133 no.3:[illegible] Jl '60.

NINOSHVILI, EGNATE, pseud.
Zhgenti, V.D. [Egnate Ninoshvili; his life and works, on the centenary of his birth] Egnate Ninoshvili, zhizn' i tvorchestvo k stoletiiu so dnia rozhdeniia. Tbilisi, Zaria Vostoka, 1959. 81 p.
(MB)

NIOBIUM
Isothermal transformation of undercooled austenite in chromium steel containing niobium and titanium. L.IA.[illegible], S.S.Ol'khova. Sbor.Inst.stali no.39:125-136 '60.
"Tantalum and niobium" by G.V.Samsonov, V.I.Konstantinov. Reviewed by P.I.[illegible]. Zhur.neorg.khim. 5 no.7:1619 Jl '60.

NIOBIUM—ANALYSIS
Determination of small amounts of tantalum and niobium in granites with the aid of isotope dilution. A.P.Savostin, I.P.Alimarin. Vest.Mosk.un.Ser.2:Khim. 15 no.1:45-48 '60.
Methods of determining small amounts of niobium and tantalum in raw ores. V.S.Bykova, V.I.Shcherbinskaia. Zav.lab. 26 no.5:533-539 '60.

NIOBIUM—ISOTOPES
Gamma radiation from Zr^{95} + Nb^{95}. N.A.Voinova, B.S.Dzhelepov, N.N.Zhukovskii. Izv.AN SSSR.Ser.fiz. 24 no.7:850-851 Jl '60.

NIOBIUM ALLOYS
Determination of tungsten in alloys containing niobium. I.P.Kharlamov, P.IA.IAkovlev, M.I.Lykova. Zav.lab. 26 no.7:786-787 '60.

NIOBIUM CHLORIDE
Interaction between $NbCl_5$ and $TiCl_4$, and between $TaCl_5$ and $TiCl_4$. L.A.Nisel'son. Zhur.neorg.khim. 5 no.7:1671 Jl '60.

NIOBIUM COMPOUNDS
Double aryl diazonium chloride salts of niobium and tantalum. V.M.Cherkasov, I.I.Vladimirtsev. Zhur.ob.khim. 30 no.7:2336-2340 Jl '60.

NIOBIUM NITRIDE
Acid resistance and methods of analysis of titanium, zirconium, niobium and tantalum nitrides. O.I.Popova, G.T.Kabannik. Zhur.neorg.khim. 5 no.4:930-934 Ap '60.

NISSKII, GEORGII GRIGOR'EVICH, 1903-
Landscape paintings of three Soviet masters. R.[illegible]. Iskusstvo 23 no.5:20-31 '60.

NITRATES
Composition of phosphate films forming in the presence of nitrates. I.I.Khain. Zhur.prikl.khim. 33 no.7:1492-1494 Jl '60.
Corrosion of iron in fused nitrates and chlorides of metals in group I and II of the periodic table. V.P.Kochergin and others. Zhur.prikl.khim. 33 no.7:1500-1506 Jl '60.

NITRIC ACID
Automatic control of the process of alkaline absorption of nitrogen oxides in the production of weak nitric acid. IA.I.Tur'ian, N.S.Anikina. Khim.prom. no.1:60-61 Ja-F '60.
Automatic measurement of the flow of weak nitric acid and conversion to composition by weight. V.A.Kolpakov, B.F.Matveev. Khim.prom. no.2:148-151 Mr '60.
Complex fertilizers based on the decomposition of phosphates by nitric acid. S.I.Vol'fkovich, I.G.Margolis, N.N.Poliakov. Khim.prom. no.1:14-41 Ja-F '60.
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NITRILES
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NITRITES
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NITROGEN—ANALYSIS
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NITROGEN ISOTOPES
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NITROGEN METABOLISM
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NITROGEN OXIDES
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[illegible]
[illegible]
[illegible]

Optico-acoustic phenomenon in the visible and ultraviolet regions of the spectrum, and its relation to photochemical processes in gases. P.I. Bresler, B.N. Ruzin. Opt.i spektr. 9 no.1:22-25 Jl '60.

NITROGLYCERIN

Change in arterial pressure following use of the nitroglycerin test. G.P. Natanzon, I.A. Shilov. Kaz.med. zhur. 40 no.5:115-116 S-O '59.

NITROSE

Pressure of water vapor, and the heats of vaporization of water and nitrogen oxides from nitroses. V.I. Gladushko. Ukr.khim.zhur. 26 no.3:327-333 '60.

NITROSO COMPOUNDS

Reaction between halogens, nitric oxide, and polyfluorinated ethylenes in the ultraviolet. Synthesis and thermal decomposition of polyfluorinated aliphatic nitroso compounds. V.A. Ginsburg and others. Zhur.ob.khim. 30 no.7:2400-2405 Jl '60.

Reaction of nitrogen oxides with polyfluorinated ethylenes. Synthesis and reduction of polyfluorinated nitroso compounds. V.A. Ginsburg and others. Zhur.ob.khim. 30 no.7:2406-2409 Jl '60.

NITROSYL CHLORIDE

Initiating action of nitrosyl chloride in the oxidation of propane. Z.K. Maizus, N.M. Emanuel'. Dokl.AN SSSR 133 no.3:627-630 Jl '60.

NIZARI, KHAKIM, 1247-1320

The medieval Persian poet Nizari in Transcaucasia. Ch. Baiburdi. Ist.-filol.zhur. no.4:233-243 '60.

NIZHNEGORSK—ASCOMYCETES

New and rare species of fungi on Halimodendron halodendron, collected in the Crimea. S.A. Gutsevich. Bot. mat.Otd.spor.rast. 13:249-255 '60.

NIZHNEGORSK—DEUTEROMYCETES

New and rare species of fungi on Halimodendron halodendron, collected in the Crimea. S.A. Gutsevich. Bot. mat.Otd.spor.rast. 13:249-255 '60.

NIZHNEUDINSK DISTRICT—TULAREMIA

Outbreak of tularemia in Nizhneudinsk District. E.I. Kleta. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:185-193 '57.

NIZHNIY NOVGOROD GOVERNMENT—FIELD EXPERIMENTS

N.M. Sibirtsev's role in establishing experimental fields in the Nizhniy Novgorod Government. V. Shubin. Pochvovedenie no.7:14-19 '60.

NIZHNIY TAGIL—EVENING AND CONTINUATION SCHOOLS

Life itself dictates it. P. Filippov. Nar.obr. no.7:66-68 Jl '60.

NIZHNIY TAGIL—JOURNALISM

New happenings at Mt. Vysokaya. Sov.pech. no.7:23-26 Jl '60.

NIZHNIY TAGIL—STEEL INDUSTRY—HYGIENIC ASPECTS

Carrying out the will of the group. S. Sakontsev, M. Zelenskaia. Okhr.truda i sots.strakh. 3 no.3:34-37 Mr '60.

NIZHNIYE LIKHOBORY—RAILROAD WORKERS

Working day of seven hours. N. Zaslavov and others. Elek. i tepl.tiaga 4 no.3:29 Mr '60.

NIZHNYAYA BURET' (ANGARA VALLEY)—STONE AGE

Paleolithic female statuettes from Buret'. A.P. Okladnikov. Mat.i issl.po arkheol. 79:281-288 '60.

NIZHNYAYA BURET' (ANGARA VALLEY)—WOMEN IN ART

Paleolithic female statuettes from Buret'. A.P. Okladnikov. Mat.i issl.po arkheol. 79:281-288 '60.

NIZHNYAYA TEBERDA REGION—ROCKS, IGNEOUS

Geological interrelationships of igneous rocks near the village of Nizhnyaya Teberda (Northern Caucasus). V.V. Pleshko. Trudy KIFM no.27:181-209 '60.

NIZHNYAYA TURA—CALLISTHENICS

Health-giving minutes. A. Samoilov. Okhr.truda i sots. strakh. 3 no.6:23 Je '60.

NOBEL PRIZES

Nobel Prize in Czechoslovakia. Jiri Drabenec. Nauka i zhizn' 27 no.5:24-26 My '60.

NOBILITY

Collection of titularies at the State Hermitage. A.S. Kostsova. Trudy Gos.Erm. 3:16-40 '59.

NOGINSK—PAINTINGS—CONSERVATION AND RESTORATION

The story of a collection. V. Tret'iakov. Smena 37 no.13:9 Jl '60.

NOGINSK DISTRICT—COLLECTIVE FARMS

As a result of which collective farms of the Noginsk District will start yielding very high profits. I. Andreev. Otv.na vop.trud. no.112:12-15 '60.

Nomogram for determining coefficients of equations of errors and weight of the position of points in linear intersections. Liu, K'e-yung. Geod.i kart. no.6:66-67 Je '60.

Using nomograms of aligned points with parallel scales in designing hydraulic drives. L.M. Myshlevskii. Vest. mash. 40 no.7:14-19 Jl '60.

NONCONTENTIOUS JURISDICTION

Current plenary session of the Supreme Court of the U.S.S.R. Biul.Verkh.Suda no.4:34-43 '60

NONFERROUS METAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Contribution on the part of innovators to the fulfillment of the seven-year plan. V.L. Granovskii. TSvet.met. 33 no.5:3 My '60.

NONFERROUS METAL INDUSTRIES—SAFETY MEASURES

"Labor protection and safety techniques in nonferrous metallurgy" by K.V. Levedeva. Reviewed by A.V. Shtenger. TSvet.met. 33 no.5:84-85 My '60.

NONFERROUS METALS

(see also subdivision under Aktyubinsk Province, East Kazakhstan Province; Orsk)

G.V. Kozlov's article "Collective selective flotation of complex copper-zinc ores." S.I. Mitrofanov. TSvet. met. 33 no.5:76-77 My '60.

Lead removal from the copper pyrite product of the Belousovka Plant. F.S. Dzhumataev, D.M. Slobodkin, T.F. Ageeva. TSvet.met. 33 no.5:15-17 My '60.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—ELECTROMETALLURGY

Conditions of electric ore smelting. D.A. Diomidovskii. TSvet.met. 33 no.7:32 Jl '60.

NONFERROUS METALS—METALLURGY

(see also subdivision under Khadzharan)

At the Fifth Congress of Metallurgical Workers' Trade Union. P.F. Smirnov. TSvet.met. 33 no.7:1-4 Jl '60.

Principles of nonferrous metallurgical furnace improvement. D.A. Diomidovskii. TSvet.met. 33 no.5:18-20 My '60.

Simultaneous production of impregnated minerals during the recovery of heavy nonferrous metals in certain plants abroad (from foreign journals). O.V. Svodtseva, D.M. Ukhtanov. TSvet.met. 33 no.7:95-102 Jl '60.

Third plenum of the central administration of the Scientific Technological Society of Nonferrous Metallurgy. G.V. Davydov, V.A. Frolov. TSvet.met. 33 no.5:77-80 My '60.

Ways of accelerating the work of nonferrous metal converters. I.M. Shalygin, V.B. Meierovich. TSvet.met. 33 no.7:16-19 Jl '60.

Work of the Scientific Technological Society of Nonferrous Metallurgy in 1959 and its objectives for 1960. G.V. Davydov, V.A. Frolov. TSvet.met. 33 no.5:1-4 My '60.

NONMETALLIC MATERIALS

[Handbook on materials used in the manufacture of machinery] Spravochnik po mashinostroitel'nym materialam; v chetyrekh tomakh. Pod red. G.I. Pogodina-Alekseeva. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry.

Vol.4. [Nonmetallic materials] Nemetallicheskie materialy. Red.toma A.N. Levin. 1960. 723 p.

NON-WAGE PAYMENTS

In addition to wages. E. Kozlova. Blok.agit.[Len.] no.19:29-37 Jl '60.

NONWOVEN FABRICS

Practices in manufacturing nonwoven fabrics. Tekst. prom. 20 no.6:9-13 Je '60.

NORIL'SK—COMMUNIST YOUTH LEAGUE

Beyond the Arctic Circle. L. Tiurnova. Komsom. zhizn' no.13:14-16 Jl '60.

NORIL'SK—CONSTRUCTION WORKERS

When a brigade vouches. N. Korotkikh. Smena 37 no.13:20 Jl '60.

NORIL'SK REGION—GEOLOGY, STRATIGRAPHIC

Age of marine Paleozoic series in the Noril'sk region. L.D. Miroshnikov, A.G. Kravtsov. Inform.biul.NIIGA no.14:14-19 '59.

NORIL'SK REGION—PLATINUM MINERALS

Occurrence and composition of platinum minerals in ores of the Noril'sk deposit. A.D. Genkin. Geol.rud.mestorozh. no.6:74-84 N-D '59.

NORTH ATLANTIC TREATY ORGANIZATION

A French publicist writes on NATO ("The Atlantic alliance during the period of the thaw" [in French] by André Fontaine Reviewed by A. Braginskii). Mezhdunar.zhizn' 7 no.8:133-136 Ag '60.

Sweden and atomic weapons. I. Chelnokov. Mir.ekon.i mezhdunar.otn. no.7:104-106 Jl '60.

The fate of British Borneo. D. Vol'skii. Sovr.Vost. no.7:51-52 Jl '60.

NORTH KAZAKHSTAN ECONOMIC REGION—FREIGHT AND FREIGHTAGE

In quest of the new. IA. Groisman. Part.zhizn' Kazakh. 30 no.7:37-40 Jl '60.

NORTH KAZAKHSTAN PROVINCE—EVENING AND CONTINUATION SCHOOLS

Every boy and girl should be able to get a secondary education without interupting their work. A.B. Aliev. Obshcheobr.shkola vzrosl. no.1:47-48 Ja-F '60.

NORTH KAZAKHSTAN PROVINCE—SOILS

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut pochvovedeniia. [Soils of the Kazakh S.S.R. in 16 volumes] Pochvy Kazakhskoi SSR v 16 vypuskakh. Alma-Ata.

Vol.1. Fedorin, IU.V. [Soils of North Kazakhstan Province] Pochvy Severo-Kazakhstanskoi oblasti. 1960. 173 p.

NORTH KOREA see Korea, North

NORTHEAST CHINA see China, Northeast

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN DONETS-DONETS BASIN CANAL—PRECAST CONCRETE CONSTRUCTION

Placing a precast reinforced concrete seepage-reducing lining in a canal bed. B.F. Beletskii. Vod.i san.tekh. no.8:14-16 Ag '60.

NORTHERN DVINA DELTA REGION—HYDROLOGY

Unusual rise of water in the estuary of the Northern Dvina River. A.IA. Popov-Vvedenskii. Trudy GOIN no.49:79-85 '60.

NORWAY—WORLD WAR, 1939-1945

Bonds of the times. S. Varshavskii. Neva no.6:218-219 '60.

NOSE, ACCESSORY SINUSES OF—INFLAMMATION see Sinusitis

NOSE, ACCESSORY SINUSES OF—RADIOGRAPHY

X-ray examination of Highmore's antrum. K.E. Nikishin. Med.zhur.Uzb. no.12:49-50 D '58.

NOTARIES

Each notary should read this book ("Soviet notarial agencies" by K.S. IUdel'son. Reviewed by M. Avdiukov, N. Bondarev). Sov.iust. no.8:21-22 Jl '60.

NOVAYA KALINOVKA—DESCRIPTION

Poliakov, V.I. Novaia Kalinovka. Moskva, Gos. izd-vo sel'khoz.lit-ry, 1959. 46 p. (DA)

NOVAYA USMAN' DISTRICT—CORN (MAIZE)

There are two of them on the big field. Aleksei Musatov. Znamia 30 no.8:158-175 Ag '60.

NOVGOROD—HISTORY

Struggle of Novgorod the Great for the Narova River in the 15th century. I.E. Kleinenberg. Nauch.dokl. vys.shkoly; ist.nauki no.2:140-151 '60.

NOVO-ANNENSKIY DISTRICT—EDUCATION, ELEMENTARY

Our experiment. N. Demidov. Nar.obr. no.7:75-78 Jl '60.

NOVO-ANNENSKIY DISTRICT—EVENING AND CONTINUATION SCHOOLS

Organization and planning of education in rural districts. N.N. Demidov. Obshcheobr.shkola vzrosl. no.1:49-50 Ja-F '60.

NOVOCAINE

Effectiveness of blocking the spermatic cord in males and the ligamentum teres uteri in females in renal colic. Preliminary report. A.N. Tairov, N.M. Khanaliev. Azerb.med.zhur. no.5:24-27 My '60.

Influence of a novocaine block on the corporation of S^{35} methionine into the protein of the muscles and skin of the extremities following the action of a tourniquet. I.E. Malakhov. Uch.zap.2-go MGMI 17:143-148 '58.

Influence of a novocaine block on the respiration of muscles following the application and removal of a tourniquet. T.IA. Balaba, I.E. Malakhov. Uch.zap. 2-go MGMI 17:149-157 '58.

Influence of intravenous transfusions of novocaine on arterial pressure in the brachial and temporal arteries. P.T. Andrenko. Vrach.delo no.7:113-114 Jl '60.

Influence of novocaine on the higher nervous activity of old dogs. G.I. Fedorovich. Vrach.delo no.7:54-57 Jl '60.

Intramuscular use of novocaine under polyclinic conditions. V.P. Kitsenko. Vrach.delo no.7:131 Jl '60.

Role of pathogenetic therapy (vagocarotid block and medication sleep) in the treatment of patients with closed skull injuries [in Azerbaijani with Russian summary]. G.R. Kurbanov, D.M. Mamedov. Azerb.med. zhur. no.5:53-55 My '60.

OCAINE (Continued)

ne data on the treatment of patients with obliterating ndarteritis by the intra-arterial use of a dionine-novocaine solution combined with redergam. I. N Simonov-ii, A. G. Ostrovskii. Vrach delo no 6:611 Je '60.

eatment of diseases of the nervous system by prolonged use of novocaine. A. N. Shtempel', A. A. Epshtein r ch. delo no. 7:10-12 Jl '60.

eatment of stenocardia by ionogalvanization with novocaine. S. S. Nesvizhskaia, V. S. Chernova. Zdrav elor 4 no 3 40-50 Mr '58

)GRAD-VOLYNSKIY—AMATEUR THEATRICALS

"Song of forests" was born here. Kost' hizh. kraina no. 15:30 Ag '60.

)ROSSIYSK—CEMENT INDUSTRIES

serves are discovered! M. Kolov. Komsom. zhizn'). 13 9-10 Jl '60.

)ROSSIYSK—PIERS

nstruction of the Shirokiy Pier in the harbor of Novoros yak. I. M. Medovikov. Transp. stroi. 10 no. 6:34 36 '60.

)SIBIRSK—AMATEUR THEATRICALS

mpanions. N. Tolchenova. Ogonek 38 no. 30:22-24 '60.

)SIBIRSK—CLUBS

expect from our clubs.... I. Vladimirov. Klub 6 . 5, 8-9 My '60.

)SIBIRSK—ECONOMICS—STUDY AND TEACHING

ularizers of the science of economics. V. Gavrilov. p. ekon. no. 8:149 Ag '60.

)SIBIRSK—EFFICIENCY, INDUSTRIAL

lling for help from the scientific technological society. . Hebrova. NTO 2 no 7:7 Jl '60.

)SIBIRSK—HARBOR

n-model of the harbor in the dispatcher room. Gorbunov, A Grishin, M Shuakov NTO 2 no. 7 15 '60.

)ZHIVOTINNOYE—MUSIC

musical history of the village Novozhivotinnoye. Maklenko. Sov. muz. 24 no. 7:168 169 Jl '60.

Y ARAKCHIN—REINFORCED CONCRETE

lding large-panel reinforced concrete products. I. V. elinichik, K. I. Molodyko. Transp. stroi. 10 no. 7-23 Jl '60.

Y LIPETSK—METALLURGICAL PLANTS

ind the wording of a great plan. F. Fvzerikhin. Sov. lo 20 no. 7:7-9 Jl '60.

EAR COUNTERS

ntera for measuring weak activities. K. A. Petrzhak, V. Iodletskii. Prib i tekh eksp no 2 0 37 Mr-Ap

oscope equipped with semiconductors. I. D. Rapoport, N. Gorjunov. Prib i tekh eksp no 2 72 74 Mr Ap

oscope system of pulse-fed counters. I. M. Vasilev s, V. V. Vishnyakov. Prib i tekh eksp no 2 58 61 Ap '60.

estigating the performance of some types of pulse-fed discharge counters. Iu N Vavilov, I. A. Pragst b i tekh eksp no 2 41-44 Mr-Ap '60

eshold sensitivity of radiation receivers. E. S. tner. Opt. i spektr. 9 no. 1:101-107 Jl '60.

ng end-window counters for measuring low-level beta diation. L. I. Dmitrievskaia, V. V. Kravtsev. N I. ovlarova. Prib i tekh eksp no 2 39-40 Mr-Ap '60

EAR ENGINEERING

clear engineering abroad.] Atomnata tekhnika za ubezhom 4 no. 8 Ag '60.

EAR FISSION

mparing the probabilities of triple fission of U^{233}, 235 and Pu^{239}. A. N. Dmitriev and others. Zhur ep i teor. fiz 38 no. 3 099-990 Mr '60

ization of fission fragments and their mean distribution ith summary in English]. B. T. Geilikman. Zhur ep i teor fiz. 38 no 3 053 058 Mr '60.

sion of heavy nuclei with emission of long range alpha rticles. N. A. Perfilov, Iu. F. Romanov, Z. I. Solov'eva. p fiz nauk 71 no. 3:471-484 Jl '60.

sion of uranium nuclei induced by 9Bev protons [with mmary in English]. N. A. Perfilov and others. Zhur ep i teor fiz 38 no 3 716-718 Mr '60

etic energy of the fragments of the photofission of 38 [with summary in English]. B. A. Bochagov, F. Komar, G. E. Solliakin. Zhur eksp i teor fiz no. 5 1374-1380 My '60.

asuring the spectra and average number of neutrons the fission of U^{235} and U^{238} induced by 14.3 Mev utrons [with summary in English]. Iu. A. Vasil'ev l others. Zhur eksp i teor fiz 38 no 3 670 681 '60.

hanism of emission of instantaneous fission neutrons ith summary in English]. V. N. Nefedov. Zhur. eksp. eor. fiz. 38 no. 6:1657-1662 Je '60.

Nuclear splitting in a photographic emulsion produced by 630 Mev protons [with summary in English]. O. V. Lozhkin and others. Zhur eksp i teor fiz 38 no 5 1388-1398 My '60

NUCLEAR MAGNETIC RESONANCE

Generator for observing electronic paramagnetic resonance. A. V. Kolmakov, Iu. A. Mesnov. Prib i tekh eksp no 2 88 89 Mr Ap '60

Nonlinear effects in the interaction of nuclear magnetic moments with self oscillatory system. N. M. Pomerantsev. Izv. vys. ucheb. zav.; radiofiz. 1 no. 2:2-6 '44 '60.

Spectrometer for investigating nuclear magnetic resonance in crystals. A. G. Lundin, G. M. Mikhailov. Prib i tekh eksp no 2 90 92 Mr Ap '60

Spin-lattice relaxation in chromium corundum [with summary in English]. A. A. Manenkov, A. M. Prokhorov. Zhur eksp i teor fiz 38 no 3 729 733 Mr '60

Study of atomic interactions in chlorates by means of quadrupole resonance [with summary in English]. V. S. Grechishkin. Zhur. fiz. khim. 34 no 5:1050 1054 My '60.

Use of nuclear resonance for measurements in science and technology. A. I. Zhernovoi, G. D. Latyshev. Vest AN Kazakh. SSR 16 no. 5:13 21 My '60.

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR PHYSICS

From the history of physics and chemistry in the 20th century ("Contributions to physics and chemistry in the 20th century" [in German]). Usp. fiz nauk 71 no 3, 529 530 Jl '60

NUCLEAR POWERED SHIPS see Atomic ships

NUCLEAR REACTIONS

Angular distribution of Na^{24} nuclei and fission fragments in the interaction of high energy protons with nuclei of gold and uranium. A. I. Lavrukhina and others. Zhur eksp i teor fiz 38 no 4 1091 1096 Ap '60.

Applicability limit of the theory of weak interaction [with summary in English]. B. L. Ioffe. Zhur eksp i teor fiz 38 no 5 1608 1611 My '60

Collective oscillations of nonspherical even-even nuclei [with summary in English]. A. A. Chaban. Zhur eksp i teor fiz 38 no 5 1630 1634 My '60

Excitation of collective levels of nucleons in connection with the stripping reaction. A. M. Korolev. Izv. AN SSSR Ser. fiz. 24 no. 7 904 911 Jl '60.

High energy deuterons and tritons in photonuclear reactions [with summary in English]. A. P. Komar. Zhur eksp i teor fiz 38 no 5 1609 1612 My '60

On the (n, 2n) and (γ, n) reactions on Au^{197}. M. A. Bak, K. A. Petrzhak, Chen' Lin-mei. Izv. AN SSSR Ser. fiz. 24 no. 7 898-899 Jl '60.

The (p, d) reaction and inelastic scattering of protons on Be^{9} [with summary in English]. O. I. Nemets, I. G. Baltykov, M. V. Sokolov. Zhur. eksp. i teor. fiz. 38 no. 6:1663 1664 Je '60.

The pn→pnπ^{+} reaction in the energy range from the threshold up to 665 Mev [with summary in English]. A. F. Dunaitsev, Iu. D. Prokoshkin. Zhur eksp i teor fiz 38 no 3 747 757 Mr '60

Possibility of application of the (n, 2n) reaction in nuclear spectroscopy [with summary in English]. V. V. Komarov, A. B. Kurepin, A. M. Popova. Zhur. eksp i teor. fiz. 38 no. 6 1824 1829 Je '60.

Possibility of using nuclear reactions for obtaining information regarding the nucleon interaction. Iu. D. Bulukov, G. A. Lebedev. Zhur. eksp. i teor. fiz. 38 no. 6:1867 1868 Je '60.

Relative intensities of gamma transitions in strongly deformed nuclei [with summary in English]. Zhur eksp i teor. fiz. 38 no 3 726 729 Mr '60

Relativistically covariant spin structure of the nucleus [with summary in English]. V. I. Ritus. Zhur eksp i teor fiz. 38 no 5 1190-1198 My '60

Some consequences of the symmetry of universal weak Fermi interaction [with summary in English]. Khe Tszo-siu, Chzhu Zhun-iuan'. Zhur. eksp. i teor. fiz. 38 no. 6 1872-1878 Je '60.

Spectrum of γ rays from the reaction C^{13} (n,γ) C^{14}. L. V. Groshev, A. M. Demidov, V. N. Lutsenko. Izv. AN SSSR Ser. fiz. 24 no. 7:819-830 Jl '60.

Spectrum of neutrons from the d + p reaction [with summary in English]. N. A. Vlasov and others. Zhur. eksp. i teor. fiz. 38 no. 6 1733-1737 Je '60.

Structure of gigantic resonance in photonuclear reactions. F. V. Isupin. Zhur eksp i teor. fiz. 38 no 3 992 994 Mr '60

NUCLEAR REACTIONS—MODELS

Demonstration model of a nuclear chain reaction. M. N. Lisenkov. Shkola i proizv. 4 no. 6:73-74 Je '60.

NUCLEAR REACTORS

(see also subdivision under Great Britain)

Reactor with nuclear superheating of steam. Atom energ 9 no 1 66-67 Jl '60

Start-up conditions for an electric power station possessing a uranium graphite reactor with internal superheating of steam. V. V. Dolgov and others. Atom energ 9 no 1 10-15 Jl '60

NUCLEAR REACTORS—ELECTROMECHANICAL ANALOGIES

[illegible]

NUCLEAR RESEARCH

[illegible]

NUCLEAR SHIPS

[illegible]

NUCLEI, ATOMIC

[illegible]

NUCLEIC ACIDS

[illegible]

NUCLEONS

[illegible]

studying the elementary acts of nucleon-nucleon interactions in cosmic rays. N. A. Dobrotin. Vest AN SSSR 30 no. 7:21-25 Jl '60.

Motion of nucleons in an anisotropic oscillator potential taking spin-orbit interaction into account [with summary in English]. D. V. Volkov, E. V. Inopin. Zhur. eksp. i teor. fiz. 38 no. 6:1765-1770 Je '60.

Nucleon emission by a rotating nucleus [with summary in English] G. A. Pik-Pichak Zhur. eksp. i teor fiz. 38 no. 3 768-772 Mr '60

Peripheral interaction of nucleons in the two-meson approximation [with summary in English] A F. Grashin, I. IU. Kobzarev. Zhur eksp i teor fiz 38 no 3 863-869 Mr '60

NUCLEONS—SCATTERING

Polarization of nucleons scattered on non-zero-spin nuclei [with summary in English]. IU. P. Elagin. Zhur. eksp. i teor. fiz. 38 no. 6:1870-1871 Je '60.

NUCLEOPROTEINS

Ribonucleoprotein granules of nuclear sap (isolation and some properties). O. P. Samarina, G. P. Georgiev. Dokl. AN SSSR 133 no. 3 694-697 Jl '60.

Some cytochemical indications of injury and regeneration in the epithelium and fibroblasts of the skin. R. G. TSanev, A. L. Shabadash. Biul. MOIP. Otd. biol. 65 no. 3:145-146 My-Je '60.

NUMBERS, IRRATIONAL

"Discovery of division in mean and extreme ratio by the Pythagoreans" [in German] by S Heller. Reviewed by V. N. Zubov. Vop. ist. est i tekh. no. 9:170-171 '60.

NUMBERS, THEORY OF

Generalization of Kloosterman sums and their evaluation [with summary in English]. A. V. Malyshev. Vest LGU 15 no. 13:59-75 '60.

One asymptotic inequality in the theory of numbers [with summary in English]. P. Erdős Vest LGU 15 no. 13 41-49 '60.

Relationship between various systems of constructive real numbers. V. A. Uspenskii. Izv. vys. ucheb. zav.; mat. no. 2:198-206 '60.

NUMMULITES

Modern representatives of Nummulitidae and their way of life [with summary in English]. G. I. Nemkov. Biul. MOIP. Otd. geol. 35 no. 1:79-86 Ja-F '60.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

Documents which accuse and warn ("The SS in operation", documents of SS crimes. Reviewed by A. Poltorak) Novyi mir 36 no. 6 276-278 Je '60.

The tenth anniversary of the Nuremberg Trial. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:188-190 '56.

NURSERY STOCK

Accelerated growing of seedlings. M. I. Rudak. Put' i put. khoz. 4 no. 6:34 Je '60.

NURSES AND NURSING—STUDY AND TEACHING

Our experience in the higher training of medical nurses. M. A. Moroz. Med. sestra 19 no. 8:43-44 Ag '60.

NUTRITION

Effect of nutritional changes in the maternal organism on the embryogenesis of progeny. IU. A. Magakian. Izv. AN Arm. SSR. Biol. nauki 13 no. 1:41-54 Ja '60.

NUTS (MACHINERY) see Bolts and nuts

NYLON

Antifrictional properties of kapron. P. A. Mikhailov, IU. V. Duplenko, P. N. Malyshev. Plast. massy no. 4: 38-42 '60.

Effect of the standardization method employed upon the wear of the external layers of the kapron specimens in the presence of fluid sliding friction. N. IA. Kestel'man, I. A. Ferdman. Plast. massy no. 4:69-70 '60.

Formation of polyamide resins from caprolactam, diamines, and dicarboxylic acids. A. S. Shpital'nyi, M. A. Shpital'nyi, IA. A. Kharit. Khim. volok. no. 3 13-14 '60.

Mechanical properties of kapron cord at elevated temperatures. Z. I. Suleimanova. Khim. volok. no. 3: 23-24 '60

Using old nylon stockings to make model parts. IUn. tekh. 4 no. 5:80 My '60.

OAK

Ecology of self-seeded oak; effect of light on growth development. P. E. Sorogovets. Biul. Inst. biol. AN BSSR no. 3:28-34 '58.

"Two-legged" oak. K. V. Kostrin. Priroda 49 no. 7:110 Jl '60.

OAK—DISEASES AND PESTS

Biology and distribution in different habitats of Acrocercops amurensis Vl. Kuznetzov sp.n. (Lepidoptera, Lithocolletidae), a serious pest of the Mongolian oak [with summary in English]. V. I. Kuznetsov. Zool. zhur. 39 no. 6:858-865 Je '60.

Coast according to geophysical data. S. A. Ushakov. Inform. biul. Sov. antark. eksp. no. 18 11-14 '60.

OBESITY see Corpulence

OBORIN, LEV NIKOLAEVICH, 1907-

Pianists. K. Adzhemov. Sov. muz. 24 no. 7:144-145 Jl '60.

OBSTETRICS

(see also subdivision under Laka District, Daghestan A.S.S.R.)

Kaplan, A. L., and L. G. Stepanov, eds. [Obstetric hospital clinic, a manual for physicians and students] Akusherskaia gospital'naia klinika; posobie dlia vrachei i studentov. Moskva, Medgiz, 1959. 601 p.
(DNLM)

Use of aminazine in obstetrical practice. Preliminary report. V. M. Orlovskii. Kaz. med. zhur. 40 no. 5 39-43 S-O '59.

Use of the vacuum-extractor in obstetrics. N. I. Kondrikov. Fel'd. i akush. 25 no. 5:59-60 My '60.

Zhordania, I. F. [Textbook on obstetrics] Uchebnik akusherstva. Izd. 2. ispr. Moskva, Medgiz, 1959. 642 p.
(DNLM)

OCEAN

Calculating and predicting physical phenomena in the sea. IU. V. Istoshin, S. I. Kan. Vest. AN SSSR 30 no. 7:95-96 Jl '60.

Observation of the sea. D. Berenbolm. Nauka i zhizn' 27 no. 6:79 Je '60.

Ocean depths and the problem of disposing of radioactive wastes. V. G. Bogorov, B A Tareev Izv AN SSSR. Ser geog no. 4 3-10 Jl-Ag '60

OCEAN BOTTOM

(see also subdivision under Atlantic Ocean)

Theory of convection circulation in oceanic trenches. B. A. Tareev. Izv. AN SSSR. Ser. geofiz. no. 7:1022-1029 Jl '60.

OCEAN CURRENTS

(see also subdivision under Arctic regions, Kerch Strait)

Accuracy of measuring currents by the navigational method. N. F. Kudriavtsev. Probl. Arkt. i Antarkt. no. 1:116-118 '59.

The enriching influence of deep waters of polar and subpolar origin on abyssal plankton [with summary in English]. K. V. Beklemishev. Biul. MOIP. Otd. biol. 65 no. 3:46-52 My-Je '60.

Following the routes of the International Geophysical Year. Vokrug sveta no. 6:3 Je '60.

Nature of the relation between the coefficient of horizontal turbulent mixing in the sea and the averaged period of current velocity pulsations V. S. Latun Meteor. i gidrol. no. 7:35-36 Jl '60.

Theory of convection circulation in oceanic trenches. B. A. Tareev. Izv. AN SSSR. Ser. geofiz. no. 7:1022-1029 Jl '60.

OCEAN LINERS

(see also subdivision under France)

Ocean liners "Oriana" and "Canberra" [from British journals]. Sudostroenie no. 7:70-71 Jl '60.

OCEAN TEMPERATURE

Method of calculating water temperature in the surface layer of the sea during the warm part of the year N A. Belinskii, M G. Glagoleva Meteor. i gidrol no. 7:14-21 Jl '60.

OCEANOGRAPHIC INSTRUMENTS

Developing and improving oceanographic instruments at the Institute of Oceanology of the Academy of Sciences of the U.S.S.R. N. N. Sysoev. Biul. Okean. kom. no. 4:34-36 '60.

Modern instruments for hydrooptical investigations. M. V. Kozlianinov. Biul. Okean. kom. no. 4:53-64 '60.

Oceanographic instruments of a new design developed for the hydrometeorological service. V. I. Efremychev. Biul. Okean. kom. no. 4:28-33 '60.

Some specimens of foreign oceanographic instruments. T. K. Maslennikova. Biul. Okean. kom. no. 4:47-52 '60.

OCEANOGRAPHIC INSTRUMENTS—CONGRESSES

Conference on oceanographic instruments. B. L. Lagutin, N. N. Sysoev. Biul. Okean. kom. no. 4:5-13 '60.

OCEANOGRAPHIC INSTRUMENTS—TERMINOLOGY

Nomenclature of oceanographic instruments and equipment manufactured in limited numbers and on a mass production basis. N. N. Sysoev. Biul. Okean. kom. no. 4:14-18 '60.

Nomenclature of oceanographic instruments manufactured on a single-order basis. G. S. Ivanov. Biul. Okean. kom. no. 4:19-27 '60.

OCEANOGRAPHIC RESEARCH

(see also subdivision under Gelenzhik)

Electronics discloses the secrets of the ocean. M. Bogorodskii. Radio no. 7:7-9 Jl '60.

Organizing observations on sediment motion and warping in river estuaries and shore areas of the sea. M. N. Kostianitsyn. Meteor i gidrol no. 7 33-35 Jl '60

OCEANOGRAPHY

Vovchenko, P. G., and A. E. Zubkov. [A brief course in meteorology and oceanography for ship navigators] Kratkii kurs meteorologii i okeanografii dlia sudovoditelei. Moskva, Izd-vo "Morskoi transport," 1960. 359 p.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCTADIENOL

Concerning the synthesis of 2,3,6-trimethyl-2,7-octadien-6-ol, 3-methyllinalool. F. N. Stepanov. Zhur. ob. khim. 30 no. 7:2437 Jl '60.

ODESSA—ALLIED INTERVENTION, 1918-1920

Konovalov, V. G. [Heroes of the Odessa underground] Geroi odesskogo podpol'ia. Red. Moisa Toroza. Moskva, Gos. izd-vo polit. lit-ry, 1960. 260 p.

ODESSA—AMUSEMENT PARKS

On the seashore. H. Zel'din. Sots. kul't. 13 no. 6:43-44 Je '60.

ODESSA—CARNIVAL

Carnivals of youth. G. Zel'din. Klub 9 no. 5:16-17 My '60.

ODESSA—CLOTHING INDUSTRY

Practices in the operation of multiple-style assembly lines with a medium capacity N. I. Katsnel'son Shvein prom no 3 7-13 My-Je '60

ODESSA—CORRESPONDENCE SCHOOLS AND COURSES

How a correspondence school plans and organizes its instructional and educational work. O. F. Hostymyns'kyi. Rad. shk. 39 no. 7:45-49 Jl '60.

ODESSA—FACTORY SANITATION

"Off limits to all diseases." A. Varshavskii. Agitator no. 14:59 Jl '60.

ODESSA—INDUSTRIAL MANAGEMENT

As suggested by the district finance department. V. Ivanov, IA. Zel'tser. Fin. SSSR 21 no. 5:55-56 My '60.

Important means for the mobilization of resources. D. IUdevich. Part. zhizn' no. 14:56-59 Jl '60.

ODESSA—LIBRARIES

A good lesson. S. Bohdanovych. Sots. kul't. 13 no. 6: 42 Je '60.

ODESSA—MOTION-PICTURE PROJECTORS

Universal motion-picture projector. Tekh. kino i telev. 4 no. 7:47-48 Jl '60.

ODESSA—WOMEN IN AERONAUTICS

The hero of socialist labor. M. Borisov. Grazhd. av. 17 no. 5:8 My '60.

ODESSA PROVINCE—ARTESIAN WELLS

Boring and casing of water wells in Odessa Province. I. G. Grechin, F. S. Stefanovskii, M. L. Sheinval'd. Gidr. i mel. 12 no. 6:32-36 Je '60.

ODESSA PROVINCE—ELECTRONICS

Odessa Province Administration of the A. S. Popov Scientific and Technical Society of Radio and Electronics. M. E Vainberg. Radiotekhnika 15 no. 6:79-80 Je '60.

ODORS

Food odors. I. Vol'per Obshchestv. pit no. 6:38-39 Je '60

OFFSET PRINTING

Reprocessing and reusing kersey. T. Kolomeitseva, N. Kruglova. Poligr. proizv. no. 5:21 My '60.

OGIEVSKII, VLADIMIR VASIL'EVICH, 1890-

Seventieth anniversary of the birth of V. V. Ogievskii. Radiotekhnika 15 no. 6:77 Je '60

OGNEV, BORIS ALEKSEEVICH, 1907-1959

B. A. Ognev, obituary. N. N. Voronin. Sov. arkheol. 4 no. 2:316 '60.

OHMMETER

Calculation of automatic balancing in digital ohmmeters. D. I. Malov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 5: 99-107 '60.

OIL BURNERS

Short-flame fuel oil combustion. P. A. Bezverkhii, G. N. Kheifets, V. B. Tov. Metallurg 5 no. 7:31-34 Jl '60.

OIL COOLERS

New design of a water-type oil cooler. I. A. Zaitsev. Sudostroenie no. 7:29-31 Jl '60.

OIL FIELDS see subdivision under Shlyakhovo region, Stalingrad Province; Ul'yanovsk Province

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Apsheron Archipelago, Azerbaijan; Bashkiria, Rumania, Stalingrad Province)
Achievements of scientific institutes in the development of oil field production methods. Neftianik 5 no.6:10 Je '60.
Economic evaluation of well spacing. IU.M.Malyshev. Neft.khoz. 38 no.6:27-30 Je '60.
Increasing and selecting the pressure gradient between the injection zone and bottoms of exploitation wells. O.I.Dorokhov, A.N.Buchin. Neft.khoz. 38 no.1:11-19 Ja '60.
Principles for complete automation and remote control in petroleum production enterprises. A.V.Shmel'nikov, R.IA.Iankovich, A.G.Mamikonov. Neft.khoz. 38 no.6:1-6 Je '60.
Recovery factors for horizons 6 and 6a in the Surakhany oil field. S.P.Ovnatanov, G.P.Tamrazian. Neft.khoz. 38 no.1:50-56 Ja '60.

OIL HYDRAULIC MACHINERY
Lapin, P.I. [Hydraulic transmissions for woodworking machinery and their use] Gidroperedachi derevoobrabatyvaiushchikh stankov i ego ekspluatatsiia. Moskva, Goslesbumizdat, 1960. 60 p.
Rybkin, E.A., and A.A.Usov. [Gear pumps for machine tools] Shesterennye nasosy dlia metallorezhushchikh stankov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 186 p.
Using nomograms of aligned points with parallel scales in designing hydraulic drives. L.M.Myshlevskii. Vest.mash. 40 no.7:11-19 Jl '60.

OIL INDUSTRIES
For the expansion of warehouse supplies at the oil and fats extraction plants. Masl.-zhir.prom. 26 no.7:1-3 Jl '60.

OIL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Oil industries

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
Certificates of inventorship and patents. Masl.-zhir.prom. 26 no.7:45-46 Jl '60.
Maslikov, V.A. [Examples of calculations of equipment used in the production of vegetable oils] Primery raschetov oborudovaniia proizvodstva rastitel'nykh masel. Moskva, Pishchepromizdat, 1960. 235 p.
Mechanical unloader designed by Korovin. V.P.Oleshko, N.E.Kostiuchenko, P.A.Korovin. Masl.-zhir.prom. 26 no.7:40-43 Jl '60.

OIL RESERVOIR ENGINEERING
Determining the function of pressure in layers of petroleum fields of uneven permeability. A.G.Tukaev. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:111-116 '60.
Determining the pressure field in a nonuniform oil layer. IU.M.Molokovich. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:63-70 '60.
Method for calculating the pressure of a monophase state of gas condensate systems. N.G.Farzane. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:71-76 '60.

OIL SANDS—ANALYSIS
Determining certain parameters of reservoir rocks by drill-stem testing (to be concluded). IU.P.Borisov, I.D.Mukharskii. Neft.khoz. 38 no.1:50-58 Ja '60.
Determining the parameters of a layer by means of stem-drill testers designed by the Ufa Petroleum Research Institute. P.S.Lapshin. Neft.khoz. 38 no.3:44-50 Mr '60.

OIL SHALES
Chlorination of shale oils with the purpose of increasing their fungicidal toxicity. G.E.Shaltyko. Zhur.prikl.khim. 33 no.5:1220-1232 My '60.

OIL WELL CEMENTING
(see also subdivision under Daghestan)
Slag-sand cement slurry with unground quartz sand developed by the Groznyy Petroleum Research Institute. S.K.Machinskii, A.I.Bulatov. Neft.khoz. 38 no.3:62-64 Mr '60.

OIL WELL DRILLING
(see also subdivision under Al'met'yevsk region, Tatar A.S.S.R.; Tuymazy region, Bashkiria)
The abnormal situation in establishing provisional norms for drilling cannot be tolerated. M.F.Il'inskii, I.I.Bichutskii. Neft.khoz. 38 no.6:52-54 Je '60.
Achievements of drillers. Neft.khoz. 38 no.1:66-67 Ja '60.
Excesses in drilling plans and estimates. M.K.Zaitsev. Neft.khoz. 38 no.6:49-51 Je '60.
From the history of the petroleum industry. Neftianik 5 no.6:31 Je '60.
Means for improving planning and financing of drilling operations; a topic for discussion. G.M.Grushko, Z.A.Pollakov. Neft.khoz. 38 no.3:14-17 Mr '60.
"Possibilities of drilling techniques" by V.I.Shmatov, E.M.Shteingauz, M.M.Samikhov. Reviewed by E.Gal'person. Neft.khoz. 38 no.1:70-72 Ja '60.
Selecting the most effective lay-out for electric networks in oil fields. N.S.Vyrypaev. Prom.energ. 15 no.5:52-57 My '60.
Theoretical data on the effect of weight and wear of the cutting parts of a bit on the mechanical drilling speed. P.M.Rostomian. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:47-50 '60.
Using deflected sectional turbodrills for increasing deep slant hole drilling rates. A.A.Movsumov, G.[illegible]nik. Neft.khoz. 38 no.6:36-40 Je '60.
Using sectional turbodrills at pressures of 180-200 atmospheres. N.V.Nikonorov. Neft.khoz. 38 no.3:11-17 Mr '60.
Value of the coefficient of friction of a drilling tool during its motion in a crooked well and means for simplifying the calculations of friction forces. M.M.Aleksandrov. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:39-46 '60.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES
Well bottom automatic control devices for rotary drilling. A.A.Minin. Neft.khoz. 38 no.6:30-33 Je '60.

OIL WELL DRILLING FLUIDS
Dynamic filtration in the circulation of drilling fluids. U.D.Mamed[illegible]. Neft.khoz. 38 no.6:[illegible] Je '60.
Experimental testing of the principle of loss summation in the flow of drilling muds. [illegible] M.Kuliev, [illegible], M.A.Mailnov. Dokl.AN Azerb.SSR 16 no.1:[illegible] '60.

OIL WELL LOGGING
Hofferan, Juan, Octavio Bravo Delgadillo, and Juan D. Bajanon. [Principles of geophysical well logging; translated from the Spanish] Osnovy geofizicheskogo issledovaniia skvazhin. Moskva, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 107 p.

OIL WELL LOGGING, ELECTRIC—EQUIPMENT AND SUPPLIES
Using the intensity method for designing remote measurement systems of geophysical electric logging apparatus. A.M.Melik-Shakhnazarov, A.G.Mel'nikov. Izv.vys.ucheb.zav.;neft' i gaz 3 no.6:129-134 '60.

OIL WELL PUMPS
Use of hydraulic piston pumps in 1958-1959. I.I.Rozen, A.S.Sarukh, I.G.Chicherov. Neft.khoz. 38 no.6:74-77 Je '60.

OIL WELLS—HYDRAULIC FRACTURING
(see also subdivision under Bashkiria, Rumania)
New method for controlling the hydraulic fracturing by means of radioactive isotopes. I.G.[illegible], IU.A.Akhundov. Neft.khoz. 38 no.6:[illegible]-12 Je '60.

OILS AND FATS
(see also subdivision under Labinsk; Zaporozh'ye)
Improving the production process of synthetic fats. D.A.Strom, T.I.Kofton. Neftianik 5 no.6:14-15 Je '60.
Interesterification of fats. P.A.Artamonov. Zhur.prikl.khim. 33 no.7:1440-1445 Jl '60.
Isolation and analysis of vegetable oil fractions enriched with tocopherols obtained by molecular distillation. M.I.Logan, A.Kh.Azarova. Trudy VNIIZh 6:64-71 '59.
Liberman, S.G., and V.P.Petrovskii. [Manual on the production of animal fats] Spravochnik po proizvodstvu zhivotnykh zhirov. Izd.3., perer.i dop. Moskva, Pishchepromizdat, 1960. 598 p.

OILS AND FATS—CONGRESSES
Scientific conference of the Leningrad Office of the Scientific and Technical Society of Food Industry and of the All-Union Fats Scientific Research Institute. Masl.-zhir.prom. 26 no.7:47 Jl '60.

OILS AND FATS—ELECTRIC PROPERTIES
Study on electrification during the deformation of plastic lubricants [with summary in English]. IU.L.Deinega, A.V.Dumanskii. Dop.AN URSR no.6:790-800 '60.

OILS AND FATS, EDIBLE—STORAGE
Change in quality of goose fat during storage. I.R.Afanas'eva. Sbor.nauch.rab.Len.inst.sov.torg. no.16:100-107 '59.

OINTMENTS
It isn't only Natasha who asks. Zdorov'e 6 no.6:15 Je '60.

OKA VALLEY—PASTURES AND MEADOWS
Some data on experimental study of syngenesis in meadows [with summary in English]. I.A.Rabotnov. Biul.MOIP.Otd.biol. 65 no.3:69-76 My-Je '60.

OKA VALLEY—VACATIONS, EMPLOYEE
At the tourist headquarters of the factory. B.A.Milovanov. Zdorov'e 6 no.6:27 Je '60.

OKAS, EVALD
The works of Evald Okas. S.Chervonnaia-Moiseeva. Iskusstvo 23 no.6:28-32 '60.

OKHLOPKOV, NIKOLAI PAVLOVICH
Around us. Ogonek 38 no.23:27 My '60.

OKHOTSK, SEA OF—TEMPERATURE
Calculating the heat balance of the Sea of Okhotsk. A.M.Batalin, N.G.Vasilkova. Trudy Okean.kom. 7:37-51 '60.

OKLAHOMA—INDIANS OF NORTH AMERICA
Some materials on the assimilation of the Oklahoma Indians. I.A.Zolotarevskaia. Krat.soob.Inst.etn. no.33:64-69 '60.

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

OLD AGE HOMES
[illegible]
[illegible]

OLD AGE PENSIONS
Answering [illegible]
[illegible]

OLD BELIEVERS
[Old Believers [illegible]] [illegible]

OLD CATHOLIC CHURCH
[illegible]

[illegible]
[illegible]

OLEFINS
Alkylation [illegible]
[illegible]

OLEIC ACID
[illegible]

OLENEK VALLEY—DIAMONDS
[illegible]

[illegible]
[illegible]

[illegible] see [illegible]

[illegible] see [illegible]
Oligo[illegible]

OLOVYANNAYA [illegible]
[illegible]

OLTARZHEVSKII, VIACHESLAV KONSTANTINOVICH, 1880-
[illegible]

OLYMPIC GAMES
(see also [illegible])
Firsov, Z.P. [illegible] Moskva, [illegible], 1960. 232 p.
[illegible]

OMAR [illegible]
[illegible]

A new step toward the realization of their goal. L. Kuklina. Mol. komm. no.8:16-19 Ag '60.

OMSK PROVINCE—GRAIN

Effectiveness of using technological maps in grain production. N. Veltke, A. Shemetov. Ekon. sel'khoz. 31 no.6:49-54 Je '60.

OMSK PROVINCE—TREMATODA

Pachytrema skrjabini sp. nov., a new trematode occurring in waders. A. N. Kadenatsii. Trudy Gel'm. lab. 10:109-111 '60.

OMSK REGION—BOTANY—ECOLOGY

Ecologico-morphological characteristics of life forms of herbaceous plants in the forest steppe of Western Siberia [with summary in English]. V. N. Golubev. Bot. zhur. 45 no.7:979-990 Jl '60.

OMULEVSKII, I. V., pseud. see Fedorov, Innokentii Vasil'evich, 1836-1883

ONEGA REGION—PALEOGEOGRAPHY

Formation of transverse terraces of the Vytegra River and history of the development of Lake Onega. M. N. Peryskin. Trudy Gidroproekta 3:221-233 '60.

ONIDIUM

Coumarins of Onidium dubium (Schkuhr.) Thell. V. T. Chernobai, D. G. Kolesnikov. Dokl. AN SSSR 133 no.1:233-235 Jl '60.

ONIONS see subdivision under Sakhalin

ONOBRYCHIS see subdivision under Ukraine

ONTOGENY

The problem of individual development of animals in the history of Russian animal science. E. N. Mirzoian. Biul. MOIP. Otd. biol. 65 no.3:155-158 My-Je '60.

OPEN AND CLOSED SHELVES

Moscow. Publichnaia biblioteka. [Open access to book collections in operation; a collection of articles on library practice] Otkrytyi dostup k knizhnym fondam v deistvii; sbornik statei iz opyta raboty bibliotek. Moskva, 1960. 109 p.

OPEN HEARTH FURNACES

(see also subdivision under Izhevsk)

Constructing an open-hearth furnace. D. P. Domrachev. Prom. stroi. 38 no.6:21-22 '60.

Experience obtained in the use of steam from systems to evaporation cooling of open-hearth furnaces. A. G. Klatskin. Prom. energ. 15 no.5:17-18 My '60.

Firing open-hearth furnaces with cold high caloric gas without addition of fuel oil. N. N. Dobrokhotov. Metallurg 5 no.8:13 Ag '60.

Fully automatic gas-fed open-hearth furnace [with summary in English]. M. M. Gordon. Avtom. i telem. 21 no.6:849-850 Je '60.

Improving the performance of open hearth furnaces. A. A. Sakharov. Metallurg 5 no.8:12-13 Ag '60.

Making axle steel in high-capacity open-hearth furnaces. N. V. Keis, G. IA. Vainshtein, V. A. Khalukina. Metallurg 5 no.8:16-19 Ag '60.

Open-hearth plants with island-type furnace arrangements. F. D. Vikhrov, IA. Afonin. Prom. stroi. 38 no.6:39-43 '60.

Using natural gas for the firing of open-hearth furnaces. A. I. Turutiner. Metallurg 5 no.8:16 Ag '60.

Using unfired forsterite bricks in small-capacity furnaces. G. I. Antonov and others. Metallurg 5 no.7:17-20 Jl '60.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Construction of open-hearth furnace plants with aligned and island-type furnace arrangement. N. S. Miroshnichenko. Metallurg 5 no.7:21-23 Jl '60.

Efficient method of designing regenerator checkerwork on open-hearth furnaces. L. M. Lomakin, S. S. Piskarev, V. A. Rybnikov. Stal' 20 no.8:710-711 Ag '60.

OPEN HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Galaton, E. O. [Slag removal from open-hearth furnace slag pockets] Udalenie shlaka iz shlakovikov martenovskikh pechei. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 157 p.

Remote control of stoppers on steel-pouring ladles. P. K. Marokov. Metallurg 5 no.8:14 Ag '60.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Improving the performance of open-hearth furnace plants. P. I. Novolodskii, B. I. Shisharin. Metallurg 5 no.8:12 Ag '60.

New equipment for guniting the brickwork of open-hearth furnaces. A. N. Novikov and others. Stal' 20 no.8:712-713 Ag '60.

Soiuz rabochikh metallurgicheskoi promyshlennosti SSSR. TSentral'nyi komitet. [Safety regulation in the open-hearth process] Pravila bezopasnosti v martenovskom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 127 p.

OPEN-HEARTH PROCESS

"Accelerating open-hearth furnace smelting by blowing compressed air into the bath" by M. IA. Medzhibozhskii. Reviewed by K. M. Trubetskov. Stal' 20 no.8:714 Ag '60.

Behavior of hydrogen in the basic open hearth scrap process. A. K. Omarov, A. E. Khlebnikov. Izv. AN Uz SSR Ser. tekh. nauk. no.3:38-49 '60.

Change of gas content in the bath of an open-hearth furnace during the deoxidation and metal holding period. V. I. Orlov. Sbor. Inst. stali no.39:73-79 '60.

Effect of certain factors on the rapidity of carbon burning in the open-hearth bath. M. IA. Medzhibozhskii, V. T. Zinov'ev, A. V. Geineman. Izv. vys. ucheb. zav.; chern. met. no.6:47-53 '60.

Laboratory research at the Chelyabinsk Metallurgical Plant. N. V. Keis, A. I. Komissarov. Stal' 20 no.8:715 Ag '60.

Using scale in steelmaking by the scrap and ore process. V. O. Kulikov and others. Stal' 20 no.8:706-710 Ag '60.

OPERA

(see also subdivision under Kiev; Leningrad; Moscow; Warsaw)

Let's discuss opera. Sov. muz. 21 no.7:3 Jl '60.

OPERA—HISTORY AND CRITICISM

Is there a way out of the crisis? A. Khokhlovkina. Sov. muz. 24 no.7:20-29 Jl '60.

OPERA, CHINESE

Modern Chinese opera and the Central Experimental Opera House of the Chinese People's Republic. I. V. Gaida. Vest. ist. mir. kul't. no.2:110-124 Mr-Ap '60.

OPERA, WHITE RUSSIAN

New operas and ballets on the theater posters. IA. Sadovskii. Belarus' 17 no.8:8 Ag '60.

OPERATIONS, SURGICAL

Radiographic indexes of the condition of compensation in digestion at a late period following resection of the stomach in the light of the tasks of disability evaluation. IU. N. Zadvornov. Trudy LIETIN 2:352-360 '59.

Ryzhov, P. V. [Organization of surgical work in the rural medical center and in the district hospital] Organizatsiia khirurgicheskoi raboty na sel'skom vrachebnom uchastke i v raionnoi bol'nitse. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 107 p.
(DNLM)

Some biochemical changes taking place under the influence of surgery. N. P. Batian. Zdrav. Belor. 4 no.3:40-41 Mr '58.

Surgery. N. N. Blokhin. Znan. sila 35 no.5:10 My '60.

OPERATORS (MATHEMATICS)

Absolutely indefinite case for a difference operator with operator coefficients [with summary in English]. V. H. Tarnopol's'kyi. Dop. AN URSR no.3:305-309 '60.

Analytic semigroups and incorrect problems for evolutionary equations. S. G. Krein, O. I. Prozorovskaia. Dokl. AN SSSR 133 no.2:277-280 Jl '60.

Characteristic properties of some spectrum points of linear limited operators. I. TS. Gokhberg, A. S. Markus. Izv. vys. ucheb. zav.; mat. no.2:74-87 '60.

Fractional exponents of the Laplace operator and Sobolev spaces of fractional order [with summary in English]. V. M. Babich. Vest. LGU 15 no.13:94-111 '60.

Inversion of integro-differential operators by means of Green's function. I. D. Cherkasov. Izv. vys. ucheb. zav.; mat. no.2:223-236 '60.

Perturbation method for an operator of simple structure. B. I. Livshits. Dokl. AN SSSR 133 no.4:800-803 Ag '60.

Potential type of integrals in Orlicz spaces. I. V. Gol'man. Izv. vys. ucheb. zav.; mat. no.2:44-56 '60.

Representation of linear completely continuous operators in Banach spaces. E. I. Pustyl'nik. Izv. vys. ucheb. zav.; mat. no.2:149-153 '60.

Self-conjugate extensions of a system of commuting symmetric operators. R. S. Ismagilov. Dokl. AN SSSR 133 no.3:511-514 Jl '60.

Some perturbations of a Laplace operator in a multidimensional space. R. M. Martirosian. Dokl. AN Arm. SSR 30 no.1:3-12 '60.

Some theorems on linear operators [with summary in English]. A. I. Vol'pert. Dop. AN URSR no.5:590-594 '60.

Structure of derived multiplicative group of the cyclic expansion of a local field. D. K. Faddeev. Izv. AN SSSR Ser. mat. 24 no.2:145-152 Mr-Ap '60.

Total continuity of one operator and its application [with summary in English]. M. A. Palenychka. Dop. AN URSR no.4:428-431 '60.

OPERETTA

(see also subdivision under Leningrad)

"On a favorite art" by G. IAron. Reviewed by M. IAnkovskii. Sov. muz. 24 no.7:102-104 Jl '60.

Zone of the splanchnic nerve in the thalamus of the cat. R. A. Durinian. Dokl. AN SSSR 133 no.1:243-245 Jl '60

OPTICAL ILLUSIONS

Curious stereoscopic effect. I. V. Obreimov. Priroda 49 no.7:115 Jl '60.

OPTICAL MEASUREMENTS

Greater use of optical methods for the study of strains in mining. V. F. Trumbachev, E. A. Mel'nikov. Gor. zhur. no.7:77 Jl '60.

OPTICS

Fefilov, B. V. [Applied optics] Prikladnaia optika. Moskva, Izd-vo geodez. i kartograficheskoi lit-ry, 1947. 531 p.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, GEOMETRICAL

Annotated list of books published in Russian translation by the Publishing House for Literature on Physics and Mathematics (Fizmatgiz). Nov. knigi za rub. Ser. A 13 no.7:124 Jl '60.

OPTICS, PHOTOGRAPHIC. see Photographic optics

OPTICS, PHYSICAL

New recurrent formulas in the theory of multilayer optical coatings. P. G. Kard. Opt. i spektr. 9 no.1:95-100 Jl '60.

"Optics of thin-layer coatings" by G. V. Rozenberg. Reviewed by M. P. Lisitsa. Opt. i spektr. 9 no.1:130-132 Jl '60.

ORCHIDS

Polyembryony in orchids. V. A. Poddubnaia-Arnol'di. Biul. Glav. bot. sada no.36:56-61 '60.

ORDZHONIKIDZE, GRIGORII KONSTANTINOVICH, 1886-1937

Agadzhanov, M. V. [G. K. Ordzhonikidze's struggle for the establishment of a national policy in the Transcaucasian Communist Party, 1921-1926] G. K. Ordzhonikidze v bor'be za osushchestvlenie natsional'noi politiki Kommunisticheskoi partii v Zakavkaz'e, 1921-1926 gg. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 95 p.

ORE DEPOSITS

(see also subdivision under Altai Mountains; Bukuka region, Transbaikalia; Caucasus, Northern; Irtysh Valley; Kurama Range; Sokolovka region, Kazakhstan; Soviet Far East; Transcaucasia; Ural Mountains)

Effect of enclosing rocks on ore deposition in hydrothermal deposits of uranium. G. A. Pelymskii. Geol. rud. mestorozh. no.6:30-51 N-D '59.

From the editor. Probl. geokhim. no.1:3-5 '59.

Meier, V. A. [Borehole logging in prospecting for complex ore deposits] Karotazh skvazhin pri razvedke polimetallicheskikh mestorozhdenii. [Leningrad] Izd-vo Leningr. univ., 1960. 207 p.

Metallometric surveying of dispersion halos in mountainous areas [with summary in English]. A. P. Solovov, N. IA. Kunin. Sov. geol. 3 no.5:32-46 My '60.

Studying the main features of the location of minerals. G. D. Kurochkin. Vest. AN SSSR 30 no.7:93-94 Jl '60.

Tectonic characteristics of the distribution of certain types of ore belts. D. I. Gorzhevskii. Izv. vys. ucheb. zav.; geol. i razv. 3 no.1:77-93 Ja '60.

ORE DRESSING

(see also subdivision under Belousovka; Krivoy Rog; Leninogorsk, East Kazakhstan Province)

Braun, G. A., and M. A. Pokrovskii. [Expansion of the U.S.S.R. iron mining and ore dressing industry in 1959-1965] Razvitie zhelezorudnoi promyshlennosti SSSR v 1959-1965 godakh. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 89 p.

Combined method of a complete processing of high silicon and high iron bauxites containing titanium. V. D. Ponomarev, L. P. Ni, V. S. Sazhin. TSvet. met. 33 no.5:44-48 My '60.

Efficient extent of iron ore dressing. N. P. Titkov. Gor. zhur. no.7:62-65 Jl '60.

Electrostatic concentration of sylvinite and phosphorite ores. A. I. Angelov, IU. IA. Geiger. Khim. prom. 2:168-172 Mr '60.

Flowsheet used for the dressing of Korshunikha ores. N. G. Tiurenkov, A. G. Gerasimov, S. M. Luk'ianov. Gor. zhur. no.7:69-71 Jl '60.

Improving the flowsheet of ore feed to the plant. IU. A. Pogorel'skii. Gor. zhur. no.7:76-77 Jl '60.

Main problems in the reorganization of Krivoy Rog mines. S. M. Meleshkin. Izv. vys. ucheb. zav.; gor. zhur. no.7:3-9 '60.

Making fluxed pellets out of finely ground concentrates [with summary in English]. D. G. Khokhlov. Stal' 20 no.8:686-690 Ag '60.

Problems in the concentration of minerals. I. N. Plaksin. Vest. AN SSSR 30 no.7:78-80 Jl '60.

Use of vibration sorting in the dressing of chrysotile asbestos ores. V. M. Arashkevich, A. V. Volegov. Izv. vys. ucheb. zav.; gor. zhur. no.7:134-138 '60.

ORE DRESSING—BIBLIOGRAPHY see Bibliography—Ore dressing

ORE DRESSING—CONGRESSES
International Mineral Processing Congress. I.N. Plaksin. Tsvet. met. 33 no.7:89-91 Jl '60.

ORE DRESSING—EQUIPMENT AND SUPPLIES
Durability of plywood ducts for the transportation of tailings. K.I. Khilinitskii. Tsvet. met. 33 no.7:5-7 Jl '60.
Fadeev, V.I. [Modern equipment for the crushing and comminution of ores] Sovremennoe oborudovanie dlia droblenila i izmel'cheniia rud. Leningrad, 1959. 241 p. (Leningrad. Nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy, no.123)
Industrial use of ore comminution without balls (from "Mining Engineering" no.5, 1959). Tsvet. met. 33 no.5:90-92 My '60.
"Norms for the time spent in constructing iron mines and iron ore dressing plants." Biul. stroi. tekh. 17 no.7 15-17 Jl '60.
Performance of a disk granulator [with summary in English]. S.V. Bazilevich. Stal' 20 no.8:683-685 Ag '60.
Preparing pig iron in rotary furnaces and its use in the blast furnace process [with summary in English]. A.I. Glazunov, G.I. Chassovitin. Stal' 20 no.8:691-693 Ag '60.
Vertical cylinder agglomeration machine. Stal' 20 no.8:690-697 Ag '60.

ORE HANDLING—EQUIPMENT AND SUPPLIES
Moscow. TSentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta. [Overall mechanization of coal and ore handling in river harbors] Kompleksnaia mekhanizatsiia peregruzki uglia i rudy v rechnykh portakh. Moskva, 1959. 161 p.
VPM-1 vibrating pneumatic loader. L.IA. Pil'kevich. Gor. zhur. no.7:57-59 Jl '60.

ORE HANDLING—HYGIENIC ASPECTS see subdivision under Leninogorsk

OREKHOVO-ZUYEVO—NEWSPAPERS
Improve conditions of newspaper production. M.I. Krestov. Poligr. proizv. no.5:16-17 My '60.

OREKHOVO-ZUYEVO DISTRICT—INSURANCE, SOCIAL
More explanation and less correspondence. I. TSygankova, A. Lizunova. Sots. obesp. 21 no.5:10-12 My '60.

OREL PROVINCE—COLLECTIVE FARMS—ACCOUNTING
Among the initiators of the competition. S.T. Grigor'ev. Bukhgal. i fin. v kolkh. i sovkhoz. 17 no.5:5-8 My '60.

OREL PROVINCE—HOLIDAYS
A month in the country. M.A. Denisov. Zdorov'e 6 no.6:27 Je '60.

OREL PROVINCE—LABOR COURTS
The results are good but we still could improve them. V. Kamenchuk. Sov. iust. no.7:10 Jl '60.

OREL PROVINCE—PUBLIC INSTITUTIONS
Home gardens as the source of cheap agricultural produce. A. Zhitkov. Sots. obesp. 21 no.5:13-15 My '60.

ORENBURG PROVINCE—AGRICULTURE—SAFETY MEASURES
Trade-union activists are studying. N. Strokin. Okhr. truda i sots. strakh. 3 no.3:50 Mr '60.

ORENBURG PROVINCE—BUILDING MATERIALS INDUSTRY
Expansion of the supply of building materials and equipment in the Orenburg Region. A. Vishnevskii, V. Zenovich, IU. Makeev. Ekon. stroi. no.5:6-15 My '60.

ORENBURG PROVINCE—CATTLE—FEEDING AND FEEDS
Meat-producing farms. A. Rochalin, D. Levantin. Agitator no.11:36-47 Jl '60.

ORENBURG PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION
[Years of battle; history of the party organization in Orenburg Province] Gody bor'by; iz istorii Orenburgskoi oblastnoi partiinoi organizatsii. [Orenburg] Orenburgskoe knizhnoe izd-vo.
Vol.1. 1905-1925 gg. 1959.
(MIR)

ORENBURG PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
It's the turn of Orenburg Province propagandists to tell their story. Polit. samoobr. 4 no.7:87-91 Jl '60.

ORENBURG PROVINCE—COPPER MINES AND MINING
Builders of the "Greater Gay." A. Krivel'. Mol. kommun. no.8:10-53 Ag '60.

ORES—MAGNETIC PROPERTIES
Nomogram for calculating the residual magnetism and magnetic susceptibility of rock and ore samples. A.A. Bystritskii. Razved. i okh. nedr 26 no.5:11-16 My '60.

ORES—SAMPLING AND ESTIMATION
Estimates of expedient ore drawing and depletion during recovery under an overlying rock burden. G.M. Malakhov. Gor. zhur. no.7:21-29 Jl '60.
Evaluation of possible mineral resources. Sov. geol. 3 no.5:139-140 My '60.
Possible use of magnetic powder in studying the composition of iron ores. M.A. Grabovskii, O.N. Zherdenko, IU.P. Skovorodkin. Izv. AN SSSR. Ser. geofiz. no.6:[illegible]-971 Je '60.

ORGANIC COMPOUNDS
Conference on organic analysis. Zav. lab. 26 no.6:[illegible] '60.
Leningrad. Universitet. [Some aspects of the theory of the structure of organic compounds] Voprosy teorii stroeniia organicheskikh soedinenii. [Leningrad] Izd-vo Leningr. univ., 1960. 240 p.
Research problems in the crystal chemistry and crystal physics of organic substances. A.I. Kitaigorodskii. Kristallografiia 5 no.1:10-23 Ja-F '60.
Simultaneous action of sulfides and organic compounds on the acid corrosion and brittleness of iron [with summary in English]. Z.A. Iofa, G.N. Tomashova. Zhur. fiz. khim. 34 no.5:1036-1043 My '60.
Spectrum analysis for the determination of traces of impurities in organic compounds. Sh.I. Peizulaev, E.K. Popova, R.L. Slinnarova. Zav. lab. 26 no.5:[illegible] '60.

ORGANOMETALLIC COMPOUNDS
Chemical bond in the molecules of trivalent metal acetylacetonates. L.A. Kazitsyna, E.M. [illegible]. Dokl. AN SSSR 133 no.5:[illegible]-1107 Jl '60.

ORGANOMETALLIC COMPOUNDS—SPECTRA
Paramagnetic resonance spectra of some aromatic and aliphatic metal ketyls in solutions. V.M. [illegible], IA.K. Syrkin. Dokl. AN SSSR 133 no.[illegible] Jl '60.

ORIENTAL ART see Art, Oriental

ORIENTAL STUDIES
(see also subdivision under Uzbekistan)
Oriental studies in the service of world peace [with English summary in insert]. IU.N. Rerikh. Sovr. Vost. no.7:8-9 Jl '60.
School of Soviet orientalists. Sovr. Vost. no.7:7 Jl '60.

ORIENTAL STUDIES—CONGRESSES
In anticipation of the International Congress of Oriental Studies [with English summary in insert]. I.A. Bellaev. Sovr. Vost. no.7:10 Jl '60.
Orientalists meet in Moscow. I.M. D'iakonov. [illegible] 4 no.7:8-12 '60.
Two congresses [with English summary in insert]. P. Shastitko. Sovr. Vost. no.7:11-13 Jl '60.
World assembly of orientalists [with English summary in insert]. B.G. Gafurov. Sovr. Vost. no.7:2-5 Jl '60.

ORIENTATION
Kurgin, A.M. [Know how to orient yourself] Umei orientirovat'sia na mestnosti. Moskva, Izd-vo DOSAAF, 1960. 39 p.
Peculiarities of orienting activity in pre-school children in the formation and automatization of practical actions [with summary in English]. N.N. Poddiakov. Vop. psikhol. 6 no.2:96-106 Mr-Ap '60.

ORIGIN OF MAN see Man—Origin

ORLON
Investigating polyacrylonitrile fibers obtained with various degrees of draft. N.B. Ekaterininskaia, E.K. Potapova. Izv. vys. ucheb. zav.; tekh. tekst. prom. no.3:[illegible]-79 '60.

ORNAMENTAL PLANTS see Plants, Ornamental

ORNITHOSIS
Experimental development of a vaccine against ornithosis (psittacosis). I.I. Terskikh, I.N. Kabanina, V.M. Bolotovskii. Voen. med. zhur. no.6:29-[illegible] Je '60.

OROTUKAN—POLICE PATROL
Police patrols protect law and order. P. Zykin. Sots. zakon. 37 no.6:51 Je '60.

ORPHANS AND ORPHANAGES
Around us. Ogonek 38 no.22:27 My '60.

ORSHA—INTESTINES—OBSTRUCTIONS
Intestinal obstruction according to data from the Zemskaia Orsha City Hospital. P.P. [illegible], [illegible] Novikh. Zdrav. Belor. 1 no.[illegible] My '60.

ORSK—NONFERROUS METALS
Central laboratory of the Orsk plant for processing nonferrous metals. G.M. Volkogon. Zav. lab. [illegible] no.7:[illegible]-903 '60.

ORTHODONTIA
Maxillary prognathism in combination with microgenia and open bite. S.I. Kondalev. [illegible] 40 no.5:87-89 S-O '59.

ORTHODOX EASTERN CHURCH
[illegible]

ORTHODOX EASTERN CHURCH—CLERGY
[illegible]

ORTHODOX EASTERN CHURCH—[illegible]
[illegible]

ORTHODOX EASTERN CHURCH—[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

[illegible] the frequency of plane oscilla- [illegible] Izv. AN Arm [illegible]

[illegible] oscillations in a weak external field described [illegible] V. I. Gubluk. Dokl. AN SSSR [illegible] Ag '60.

[illegible] oscillations in linear systems with [illegible] A. Mikhailov. Trudy MAI [illegible]

[illegible] oscillations of quasi-linear systems with [illegible] [with summary in English]. [illegible] 24 no. 6:798-799 Je '60.

[illegible], CRYSTAL
[illegible] element in stability [illegible] Ap '60.

[illegible]
[illegible] of a transistorized self oscil- [illegible] Elektrosviaz' 14 no. 7:38-47 Jl [illegible]

[illegible] Je '60.
[illegible] oscillator. [illegible] McPalkov.
[illegible] Je '60.
[illegible] filter for generating electric [illegible] A. I. Romanov. [illegible]

[illegible] oscillations are [illegible]

[illegible] electric [illegible]

[illegible] TUBE
[illegible] tape recorder. [illegible] Jl '60.

[illegible] STANDARDS
[illegible] Jl [illegible]

[illegible]
[illegible] oscillograms of the [illegible] Ap '60
[illegible] [with summary in English]. [illegible]
[illegible] oscillograph for the [illegible]

[illegible] CATHODE RAY see Cathode ray [illegible]

[illegible] VASILEVICH, 1904
[illegible]

[illegible] PARLIAMENT [illegible]
[illegible]

[illegible] VALLEY — ANTIQUITIES
[illegible] of the "wooden log" culture on the [illegible] V. I. Mikhailova. [illegible]

[illegible] VALLEY — STONE AGE
[illegible] stations of neolithic sites at the Oskol [illegible] Fefegin. Mat. i issled. po arkheol. [illegible]

[illegible] see Paradise [illegible]

[illegible]
[illegible] and the system of processing [illegible] and applications. T. Hasiev. [illegible] 21 [illegible] 10 Je '60.

[illegible] STONE AGE
[illegible] of southern Osetia. [illegible] 1960-78 '60.

[illegible] LANGUAGE — VERB
[illegible] [with summary in English]. [illegible] Vest. [illegible] 15 no. 14 118-119 '60.

[illegible] POETRY — TRANSLATIONS INTO RUSSIAN
[illegible] Terek; verse by young Osetic poets. Translated from the Osetic] Nad Terekom, stikhi [illegible] Osetii. [Moskva] Molodaia gvardiia, 1959 [illegible] p.
[illegible]

[illegible] HISTORICAL MARKERS
[illegible] Ukraina no. 14:33 Jl '60.

[illegible] see subdivision under Ugamskiy Range

Akademiia nauk SSSR. Institut russkoi literatury. [A description of the fine arts materials in the Pushkin House] Opisanie izobrazitel'nykh materialov Pushkinskogo Doma. Moskva.
Vol. 6 A N Ostrovskii 1960 238 p

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936
Such a man was Nikolai Ostrovskii ("The political and social writings of Nikolai Ostrovskii" by M. S. Logvinenko. Reviewed by Vladimir Vil'nyi) Sov. Ukr. 10 no. 7:185-186 Jl '60.

OTOLARYNGOLOGY
Lisatsov, B. V. [Operative otorhinolaryngology] Operativnaia otorinolaringologiia. Alma-Ata [Kazgosizdat] 1959. 402 p.
[DNLM]

OTOSCLEROSIS
Modern tendencies in the surgical treatment of hearing disorders in otosclerosis. E. M. Kharshak. Vrach. delo no. 7:77-80 Jl '60.

OTRADO KUBANSKOYE (KRASNODAR KRAY)—PUBLIC HEALTH, RURAL
Our work. N. N. Shtab. Fel'd. i akush. 25 no. 5:46-48 My '60.

OTTLEBI see subdivision under Archangel Province

OUTBOARD MOTORBOATS
Method of measuring small launch resistance in open basins. I. M. Lelvonosov. Sudostroenie 26 no. 6:38-39 Je '60.
Motorboat "Lastochka." V. N. Basov. Sudostroenie no. 7:10 40 Jl '60.

OVALOV, LEV SERGEEVICH, 1905-
Characters and comments ("Party mission"; a novel by Lev Ovalov. Reviewed by G. Vladimov). Novyi mir 36 no. 7:251-256 Jl '60.

OVARIES
Development of human ovaries. S. E. Levina. Biul. MOIP. Otd. biol. 65 no. 3:147 My-Je '60.
Regeneration of rat ovaries following compensatory hypertrophy. N. S. Artem'eva. Biul. MOIP. Otd. biol. 65 no. 3:150 My Je '60.

OVARIES CANCER
Malignant ovarian tumors. L. A. Nikiforova. Kaz. med. zhur. 40 no. 5:121 S-O '59.

OVARIES INNERVATION
Comparative analysis of tissular processes in ovaries transplanted in denervated and normally innervated areas. O. V. Volkova. Biul MOIP. Otd. biol. 65 no. 3: 150 151 My Je '60.

OVARIES TRANSPLANTATION
Comparative analysis of tissular processes in ovaries transplanted to denervated and normally innervated areas. O. V. Volkova. Biul. MOIP. Otd. biol. 65 no. 3. 150 151 My-Je '60.

OVARIES (BOTANY)
Characteristics of the structure of female gametophytes and the phenomenon of polyembryony in corn (Zea mays L.). E. I. Ustinova. Bot. zhur. 45 no. 5:764-767 My '60.

OVENS
Kovalevskii, I. I. [Oven work] Pechnoe delo. Izd. 3., perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Proftekhizdat, 1960. 167 p.

OVERVOLTAGE
Dependence of hydrogen overvoltage on aluminum on the state of the aluminum surface and concentration of the acid [with summary in English]. A. A. D'iakov, T. I. Kustonova. Zhur. fiz. khim. 34 no. 7:1610-1615 Jl '60.
Electrochemical and photoelectrochemical processes taking place on germanium of the p- and n-type in the region of cathode polarization. R. M. Lazorenko-Manevich, N. A. Aladzhalova, V. I. Veselovskii. Dokl. AN SSSR 133 no. 3:620-623 Jl '60.

OVUM
Chemical nature and significance of inclusions in the oocytes of bony fishes [with summary in English]. O. F. Sakun. Arkh. anat. gist. i embr. 38 no. 1:38-42 Ja '60.
Forgotten work of K. M. Baer "Commentary on a work on the development of the human and mammal ovum." P. N. Skatkin. Vop. ist. est. i tekh. no. 9:126-134 '60.

OXADIAZINE
Formation of the 1, 2, 3-oxadiazine ring in the reaction of 1, 1'-diacetylferrocene with aryldiazonium compounds. A. N. Nesmeianov and others. Dokl. AN SSSR 133 no. 4: 851-854 Ag '60.

OXALATES
Determination of oxalates in the presence of chromium V. F. Sakain. Zav. lab. 26 no. 5:546-547 '60.

Interaction between Na_2WO_4 and C_2O_4 = ions in aqueous solution. A. A. Vorontsova, I. V. Tananaev. Zhur. neorg khim. 5 no. 4:964-968 Ap '60

OXIDATION
Anodic oxidation of magnesium in alkali solutions [with summary in English]. B. A. Pospelov. Zhur fiz. khim 34 no. 5 957-958 My '60
Catalytic oxidation of methane and methyl alcohol [with summary in English]. N. S. Enikolopian, I. M. Bel'govskii. Zhur. fiz. khim. 34 no. 7 1571-1580 Jl '60.
Characteristics of the catalytic oxidation of naphthalene. Part 1 Kinetics of oxidation of phthalic anhydride on a vanadium oxide catalyst. V. IA. Vol'fson, G. P. Korneichuk, V. A. Roiter. Ukr. khim. zhur. 26 no. 3 305-313 '60.
Characteristics of the oxidation of tung oil. G. L. IUkhnovskii, B. M. Rudenko. Masl.-zhir. prom. 26 no. 7 26-29 Jl '60
Differences in the oxidation mechanisms of ethyl alcohol in the liquid and gaseous phases E. A Blumberg and others Dokl AN SSSR 133 no 1 144-147 Jl '60
Flow method for the catalytic oxidation of solutions of arsenic compounds by atmospheric oxygen with the participation of nitrogen oxides D. IA Evdokimov. Zhur prikl khim 33 no 7 1664-1667 Jl '60
High-temperature conversion of hydrocarbons IA S Kazarnovskii, V P Semenov Gaz prom 5 no 7 41-50 '60
Industrial experience in the oxidation of paraffins from sulfur-bearing crudes. N. I. Velizar'eva and others. Khim. i tekh. topl. i masel 5 no. 7.11-16 Jl '60.
Influence of ionizing radiation on the oxidation kinetics and ignition of butane [with summary in English] N. A. Slavinskaia and others. Zhur. fiz. khim. 34 no. 6. 1169-1175 Je '60.
Investigating the combustion of copper-zinc concentrates in an oxygen blast. S. A. Verminichev, V. I. Deev, M. I. Kochnev. Zhur. prikl. khim. 33 no. 5:1036-1042 My '60.
Investigation of the alkaline oxidation of isopropylbenzene. Part 2: Alkaline protection of the oxidation process. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 30 no. 7:2153-2160 Jl '60.
Kinetics and mechanism of methane oxidation [with summary in English]. Part 2: Kinetics of accumulation of intermediate products. L. V. Karmilova, N. S. Enikolopian, A. B Nalbandian. Zhur. fiz. khim. 34 no. 5,990-991 My '60
Kinetics and mechanism of methane oxidation. Part 3 [with summary in English]. L. V. Karmilova and others. Zhur. fiz. khim. 34 no. 6:1176-1185 Je '60.
Kinetics of the oxidation of naphthalene in commercial layers of vanadium catalysts [with summary in English] V A. Roiter and others Dop AN URSR no 3:345-348 '60
Method of investigating the oxidation kinetics and the thermal oxidative stability of petroleum products. B. V. Losikov, I. A. Rubinshtein, E. P. Sobolev. Khim. i tekh. topl. i masel 5 no. 7:47-52 Jl '60.
Migration of cobalt in the oxidation zone of sulfarsenide deposits. A. I. Bazhenov Geol. rud. mestorozh. no 3: 114-117 My-Je '60.
Oxidation of paraffins in pilot plant units. D. B. Orechkin and others. Khim. i tekh. topl. i masel 5 no. 7.16-18 Jl '60.
Oxidation zone in the Pervomayskoye molybdenum deposit (Buryat A. S. S. R.). K I. Aleksandrov Izv vys ucheb zav., geol i razv no 3 59-74 Mr '60
Refining of viscose by means of oxidation inhibitors L. E. Akim, N. A Mel'chakova Zhur prikl khim 33 no. 7:1623-1628 Jl '60.
Role of the surface in the macroscopic stages of the reaction of isobutane oxidation in the presence of HBr. A. A. Babaeva, Z. K. Maizus, N. M. Emanuel'. Izv. AN SSSR. Otd. khim. nauk no. 6:976-980 Je '60.

OXIDATION, ELECTROLYTIC
Anodic oxidation of zirconium [with summary in English]. I. L. Rozenfel'd, E. N. Lantseva, E. I Kalinina. Zhur. fiz khim. 34 no. 5:995-1003 My '60.
Oxidation potential of permanganate. I. P. Alekseev, V. M. Pesotskaia, B. V. Ptitsyn. Zhur. ob. khim. 30 no. 7: 2104-2108 Jl '60.
Polarographic study of the reduction and oxidation of complex ruthenium chlorides on a platinum electrode. Zhur. neorg khim 5 no 5:1068-1073 My '60

OXIDATION, PHYSIOLOGICAL
Activity of respiratory enzymes and productivity of proteins synthesis in certain amino-autotrophic bacteria [with summary in English]. M. V Fedorov, N. M. Maslennikova Mikrobiologiia 29 no 3:315-319 My-Je '60.
Apotomic oxidation in potato tubers infected with Phytophthora infestans. B. A. Rubin, O. L. Ozeretskovskaia. Dokl. AN SSSR 133 no. 4:976-979 Ag '60.
Change in the oxidation-reduction processes in the hemopoietic organs in radiation sickness. A I. Robu Zdravookhranenie 3 no 2 56-61 Mr-Ap '60
Characteristics of the oxidation-reduction processes in burn shock. A. P. Dovganskii. Zdravookhranenie 3 no. 3:46-49 My-Je '60.

OXIDATION, PHYSIOLOGICAL (Continued)

Respiration of a mutant of Aspergillus niger obtained by ultraviolet irradiation [with summary in English]. N.M. Verbina. Mikrobiologiia 29 no.3:364-370 My-Je '60.

Study of oxidative phosphorylation in isolated mitochondria of human blood platelets. N.B.Cherniak, Ch.S.Guseinov. Dokl.AN SSSR 133 no.2:476-479 Jl '60.

Tissular respiration during the action of bromine. K.V. Famichenka. Vestsi AN BSSR, Ser biial.nav. no.2: 102-110 '60.

OXIDATION-REDUCTION REACTION

Effect of different concentrations of gaseous oxygen in the soil air on oxidation-reduction conditions [with summary in English]. I.P.Grechin, Ch'eng Yun-sheng. Pochvovedenie no.7:106-110 '60

OXIDES

Determining the contamination of the ShKh15 steel by nonmetallic oxide inclusions. V.A.Kudrin and others. Zav.lab. 26 no.6:732-733 '60.

Effect of oxide films on the rate of vaporization [with summary in English]. A.N.Nesmeianov and others. Zhur.fiz.khim. 34 no.7:1435-1439 Jl '60.

Preparation of spectrally pure magnesium subcarbonate, magnesium oxide, sodium chloride, sodium carbonate, and calcium oxide. I.I.Angelov, G.A.Pevtsov, M.M. Shvarts. Trudy IREA no.23:31-39 '59.

OXIDIZING AGENTS

Behavior of iron and steel in oxidizing solutions. N.D. Tomashov, N.P.Zhuk, E.N.Mirolubov. Sbor.Inst. stali no.30:435-440 '60.

OXONIUM COMPOUNDS

Nitration of triphenyloxonium and diphenylhalogenonium cations. A.N.Nesmeianov and others. Dokl.AN SSSR 133 no.3:602-605 Jl '60.

OXYGEN

Effect of different concentrations of gaseous oxygen in the soil air on oxidation-reduction conditions [with summary in English]. I.P.Grechin, Ch'eng Yun-sheng. Pochvovedenie no.7:106-110 '60.

Effect of the nature of the cation on the mobility of oxygen atoms of the anion in aqueous solutions. Part I [with summary in English]. O.K.Skarre, M.O.Tereshkevich, T.S.Shelokhova. Zhur.fiz.khim. 34 no.7: 1590-1601 Jl '60.

Effect of water vapor on the interaction between germanium and oxygen. R.Kh.Burshtein, L.A.Larin, G.I. Voronina. Dokl.AN SSSR 133 no.1:148-151 Jl '60

Kinetics and mechanism of the interaction between ethyl radicals and molecular oxygen. Report No.3: Dependence of the reaction kinetics on a third particle. I.I. Avramenko, R.V.Kolesnikova. Izv.AN SSSR.Otd.khim nauk no.6:989-995 Je '60.

Kinetics of hydrogen and oxygen adsorption and their reaction on platinum [with summary in English]. P.K. Migal', V.A.Tsiplakova. Zhur.fiz.khim. 34 no.6: 1153-1160 Je '60.

Rate of combustion of ozone-oxygen mixtures [with summary in English]. N.A.Slavinskaia and others. Zhur. fiz.khim. 34 no.5:973-978 My '60.

Rhythmical variation of oxygen tension in live tissues. A.D.Snezhko. Dokl.AN SSSR 133 no.4:984-987 Ag '60.

OXYGEN—ANALYSIS

Polarographic analysis in hydrolysis and sulfite alcohol production processes. Report No.2: Investigating the process of solution of oxygen during the cultivation of yeasts. L.A.Samokhvalov, M.S.Shul'man. Gidroliz.i lesokhim.prom. 13 no.4:4-7 '60.

Volumetric determination of small quantities of oxygen. E.S.Dolchinova, S.M.Efros, V.D.Nemirovskii. Trudy LTI no.58:31-35 '59.

OXYGEN—INDUSTRIAL APPLICATIONS

Pilot plant testing of the smelting of oxidized nickel ores with a blow containing up to 45 percent oxygen. Tsvet. met. 33 no.7:23-26 Jl '60.

Quality of oxygen-blown rimmed steel produced in converters [with summary in English]. A.P.Gulfaev, A.A.Mitrofanov, M.A.Volkova. Stal' 20 no.8:741-745 Ag '60.

Revival of the converter. A.S.Fedorov. Tekh.mol. 28 no.5:1-3 '60.

OXYGEN—ISOTOPES

Investigation of the stability of C - O bonds by means of isotope exchange. V.G.Vasil'ev, E.N Kharlamova. Dokl AN SSSR 133 no 1:152-154 Jl '60

Mass-spectrometric determination of the isotopic composition of oxygen in sulfuric acid. V.M Smirnov, V.I Karpunin. Zav.lab. 26 no.7:831 '60.

OXYGEN—THERAPEUTIC USE

Stationary installation for oxygen therapy. K.N.Kalitkin. Med.zhur.Uzb. no.12:61 D '58.

Uspenskii, V.I. [Therapeutic use of oxygen] Lechebnoe primenenie kisloroda. Moskva, Medgiz, 1959. 310 p. (Biblioteka prakticheskogo vracha)
(DNLM)

OXYGEN-COPPER ALLOYS see Copper-oxygen alloys

OXYTETRACYCLINE

Influence of lactic acid on the synthesis of oxytetracycline in fermentation [with summary in English]. Liu Fu-ying and others. Antibiotiki 5 no.1:52-57 Ja-F '60.

OXYTROPIS

New species of the genus Oxytropis DC. I.F.Vasil'chenko. Bot.mat.Gerb. 20:241-250 '60

OZOCERITE

Use of ultrahigh frequency and ozocerite in obliterating endarteritis. B.Z.Vengerov. Voen.med.zhur. no.6: 48-49 Je '60

OZONE

Critical diameter and explosion rate of liquid solutions of ozone [with summary in English]. E.I.Gribova and others. Zhur.fiz.khim. 34 no.7:1396-1401 Jl '60.

Design of laboratory ozonizers [with summary in English]. V.P.Vendillo, IU.M.Emel'ianov, IU.V.Filippov. Zhur.fiz.khim. 34 no.5:1115-1117 My '60.

Electrical theory of ozonizers. Part 1: Effect of the formation of ozone on the current-voltage characteristics of ozonizers [with summary in English]. IU.M. Emel'ianov, IU.V.Filippov. Zhur.fiz.khim. 34 no.5: 1084-1087 My '60

Investigation of the products of the ozonolysis of 1-vinyl-3-cyclohexene and 1-ethyl-1-cyclohexene. A.I.IAkubchik, B.I.Tikhomirov. Trudy LTI no.58:45-50 '59.

Physical chemistry of concentrated ozone. Part 9: Dependence of the yield of nitric oxide on the explosion temperature of ozone-nitrogen mixtures [with summary in English]. B.V.Strakhov. Zhur.fiz.khim. 34 no.7: 1524-1527 Jl '60.

Rate of combustion of ozone-oxygen mixtures [with summary in English]. N.A.Slavinskaia and others. Zhur. fiz.khim. 34 no.5:973-978 My '60.

OZONE—ANALYSIS

Determination of ozone of high concentrations [with summary in English]. N.M.Morozov. Zhur.anal.khim. 15 no.3:307-309 My-Je '60.

PACIFIC OCEAN—ALGAE

Finding the red alga Chordaria magellanica Kylin in the northern part of the Pacific Ocean. A.D.Zinova, V.B. Vozzhinskaia. Bot.mat.Otd.spor.rast. 13:117-118 '60

PACIFIC OCEAN—BENTHOS

Quantitative distribution of the bottom fauna in the northern part of the Pacific Ocean at a depth over 2000 m. L.A.Zenkevich, Z.A.Filatova. Dokl.AN SSSR 133 no.2:451-453 Jl '60.

PACIFIC OCEAN—ZOOPLANKTON

Division of the ocean into biogeographical regions. V.G.Bogorov. Vop.geog. no.48:55-70 '60

PACKAGING MACHINERY see subdivision under Bolonyak

PACKED TOWERS

Effective rectification of high-boiling mixtures in a packed column. M.M.Polonskikov. Koks i khim. no.6:46-50 '60.

PACKING (MECHANICAL ENGINEERING)

End packings of a turbogenerator shaft with conical carrying surface. I.IA.Tokar'. Vest.elektroprom. 31 no.6:60-63 Je '60

Study of water seals in a steam turbine. F.I.Rad'ko. Trudy Ural.politekh.inst. no.76:46-58 '59

PAGEANTS see subdivision under Italy

PAIN

Dionesov, S.M. [Pain; the influence of painful irritations on the vital activity of the body] Bol', vliianie bolevykh razdrazhenii na zhiznedeiatel'nost' organizma. Blagoveshchensk, Amurskoe knizhnoe izd-vo 1959. 331 p.
(DNLM)

Method evaluating pain intensity in stomach diseases. V.I.Vorob'ev. Voen.med.zhur. no.6:87-88 Je '60

Paths of pain impulses from the talocrural joint. G.V. Vinchenko. Zdravookhranenie 3 no.4:40-50 Mr-Ap '60

PAINT

Silicate paints and their use in construction. K.I.Karasev. Stroi.mat. 6 no.7:11-12 Jl '60.

PAINT MATERIALS

Beliaeva, K.P. [Paint materials for finishing articles of wood] Lakokrasochnye materialy dlia otdelki izdelii iz dereva. Moskva, Gos.nauchno-tekhn.izd-vo khim. lit-ry, 1960. 73 p.

PAINT MIXING

New paints to be used in repainting façades. V.A.Vasil'ev. Gor.khoz.Mosk. 34 no.5:12-14 My '60

PAINTING

News of "Western art." Ogonek 38 no.35:31 Je '60.

Soviet painters help party to educate the masses. P.Sysoev. Part.zhizn' no.14:23-30 Jl '60.

PAINTING, ARMENIAN

At the sources of [illegible] Armenian painting. [illegible] Ap '60

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

For technical progress in the mechanization of finishing operations. [illegible] My '60

Mechanized painting of the [illegible] of pipes. [illegible] Ag '60

Overall mechanization of [illegible] painting of ship hulls. [illegible] Je '60

PAINTINGS

(see also subdivision under France)

American art [illegible]

PAINTINGS—CONSERVATION AND RESTORATION see subdivision under Reghinek

PAINTINGS—EXHIBITIONS

(see also subdivision under [illegible])

Pictures in [illegible]

Toward new [illegible]

PAINTINGS, ENGLISH—EXHIBITIONS see subdivision under Moscow

PAINTINGS, POLISH—EXHIBITIONS

Exhibition of [illegible]

PAINTINGS, WHITE RUSSIAN

[illegible]

PAKISTAN [illegible]

We should have [illegible]

PAKISTAN—GAS, NATURAL

[illegible]

PAKISTAN—SOCIAL CONDITIONS

A [illegible]

PALANA VALLEY—GEOLOGY, STRATIGRAPHIC

New data [illegible] the Palana Valley [illegible]

PALATE—SURGERY

Plastic [illegible]

PALEOBOTANY [illegible] Bayan Mountains [illegible]

PALEOBOTANY, STRATIGRAPHIC

(see also [illegible])

[illegible]

PALEOGEOGRAPHY see [illegible] Pechora Valley [illegible]

PALEONTOLOGY

(see also [illegible])

IAkovlev, A.A. [illegible] Moskva, [illegible] 1959 [illegible]

PALEONTOLOGY—[illegible]

[illegible]

PALEONTOLOGY—[illegible] see [illegible] Kuznetsk Basin

PALEONTOLOGY, STRATIGRAPHIC

(see also [illegible] Georgia, Mangyshlak Peninsula [illegible] Valley, Vorotynsk [illegible] Valley [illegible])

Vologdin, A.G. [illegible] Moskva, [illegible]

PALI LITERATURE—HISTORY AND CRITICISM

Brief notes [illegible] Ag '60.

Outstanding Russian biochemist and plant physiologist; on the 100th anniversary of the birth of V. I. Palladin. E. M. Senchenkova. Vop.ist.est.i tekh. no 9 134-138 '60.

PALLADIUM

Adsorption of cyclohexene, and kinetics of its catalytic conversion on palladium films V M Griaznov, V. D. IAgodovskii, M. K Charkviani Vest Mosk un Ser 2 Khim 15 no 1 11-24 '60

Derivation of an equation for the kinetics of hydrogenation of benzene by hydrogen in the presence of palladium catalysts [with summary in English]. I. M. Kolesnikov. Zhur.fiz.khim. 34 no.7:1528-1533 Jl '60.

PALLADIUM—ANALYSIS

Determination of palladium with β-hydroxy-α-naphthyl aldehyde [with summary in English] A S Penia, Z. A Bitovt Zhur anal khim. 15 no 2 200-202 Mr-Ap '60

PALLADIUM COMPOUNDS

Mechanism of reactions between palladium salts and olefins in hydroxyl-containing solvents. I. I. Moiseev, M. N. Vargaftik, IA. K. Syrkin. Dokl. AN SSSR 133 no.2:377-380 Jl '60.

PALLADIUM-COPPER-CHROMIUM ALLOYS

Alloys in the system palladium - copper - chromium. A. T. Grigor'ev and others. Zhur.neorg.khim. 5 no.5:1112-1118 My '60.

PALLADIUM ELECTRODES see Electrodes, Palladium

PALLADIUM-IRON-NICKEL ALLOYS see Iron-nickel-palladium alloys

PALLADIUM-SILVER-CHROMIUM ALLOYS

Study of alloys in the system palladium - silver - chromium. A. T. Grigor'ev and others. Zhur.neorg.khim. 5 no.4:894-901 Ap '60.

PALMS see subdivision under Leninabad

PALYNOLOGY

Comprehensive study of the Arel'ska settlement on the Desna River. A.A.Velichko, V.A.Padin, P.V.Fedorova. Sov.arkheol. 4 no.2:241-246 '60.

Redeposited pollen complexes. E.N.Ananova. Biul. MOIP.Otd.biol. 65 no.3:132-135 My-Je '60.

Significance of angiosperm pollen for upper Cretaceous and Paleogene stratigraphy. E.D.Zaklinskaia. Dokl.AN SSSR 133 no.2:431-434 Jl '60.

PAMIRS—BOTANY

Some new or little-known plant species from the Pamirs. N.N.TSvelev. Bot.mat.Gerb. 20:413-430 '60

PAMIRS—DESCRIPTION AND TRAVEL

Krylenko, N. V. [In the unexplored Pamirs] Po neissledovannomu Pamiru. Moskva, Gos.izd-vo geogr. lit-ry, 1960. 347 p.

PANAMA—LABOR AND LABORING CLASSES

The problems of the Panamanian working class. Nov. vrem 18 no.29 10-17 Jl '60

PANCREAS

Condition of the pancreas in patients with hypertension. N.A.Zhukov. Vrach.delo no.7:136 Jl '60.

Functional changes in the pancreas in bacillary dysentery. L.V.Niurenberg. Vrach.delo no.7:120-121 Jl '60.

Lymph flow in the human pancreas [with summary in English]. A.A.Sushko, L.V.Chernyshenko. Vrach. delo no.6:603-609 Je '60.

Role of the pancreas in sheep in nitrogen metabolism. M.K.Stepankina. Trudy Inst.fiziol.AN Kazakh SSR 2:57-64 '59.

PANCREAS—SECRETIONS

Effect of the "transformation" of conditioned stimuli on the external secretion of the pancreas [with summary in English]. I.V.Shostakovs'ka. Fiziol.zhur.[Ukr.] 6 no.4.519-525 Jl-Ag '60

Regulation of the enzymatic activity of the pancreas in sheep. R.M.Trofimova. Trudy Inst.fiziol.AN Kazakh SSR 2:84-90 '59.

Secretory and fermentative activity of the pancreas in sheep. K.T.Tashenov. Trudy Inst.fiziol.AN Kazakh SSR 2:44-51 '59.

PANFILOV DISTRICT—CORN (MAIZE)

We shall have a good corn crop. K.Nauruzov. Part. zhizn' Kazakh. 30 no.7:62-64 Jl '60.

PANORAMIC PHOTOGRAPHY see Photography, Panoramic

PANTICAPAEUM see Kerch

PANTOTHENIC ACID

Synthesis of pantothenic acid. E.S.Zhdanovich, E.I. Bialsia, N.A.Preobrazhenskii. Trudy VNIVI 6:14-17 '59.

Truth about the Vatican ("Papacy" by M. M Sheinman Reviewed by V Boiarskii) Nauka i zhizn' 27 no 5 72-73 My '60

Zaborov, M. A. [Papacy and crusades] Papstvo i krestovye pokhody. Moskva, Izd-vo Akad.nauk SSSR, 1960. 262 p. (Nauchno-populiarnaia seriia)

PAPER

High-voltage cable paper. Bum.prom. 35 no.6:15 Je '60.

Measuring the transmittance of paper E IA Balmasov Bum prom 35 no 5 8-11 My '60

We need a larger supply of paper, of good quality and wide variety Sov pech no 6 43-44 Je '60

PAPER—COST see subdivision under Krasnokamsk

PAPER—TESTING

Determining elastic constants for paper. V.M.Chebanov. Uch.zap.LGU no.280:147-155 '60.

PAPER CHROMATOGRAPHY

Paper chromatography of resin acids from pine and spruce. B.P.Smirnov, V.S.Sidorov. Zhur.prikl. khim. 33 no.5:1192-1203 My '60.

PAPER ELECTROPHORESIS

Electrophoretic analysis of the composition of a specific precipitate [with summary in English]. IU.S.Tatarinov. Biul.eksp.biol.i med. 49 no.1:91-94 Ja '60.

Immunoelectrophoresis of precipitating sera on paper. IU.S.Tatarinov. Lab.delo 6 no.3:37-39 My-Je '60.

Method of using small quantities of serum for paper electrophoresis. O.M.Kobozeva, G.V.Kobozev. Lab. delo 6 no.3,57-58 My-Je '60.

Rectifier without a transformer for paper electrophoresis G.I.Sidorenko. Zdrav.Belor 4 no 3 61 Mr '58

Regeneration of the acetic acid solution used in washing off a paper electrophoregram. IU.IA.Gofman. Lab. delo 6 no.3:27-28 My-Je '60.

Significance of paper electrophoresis of the proteins, lipoproteins, and glycoproteins of the cerebrospinal fluid and blood serum in the diagnosis of tumorous and chronic inflammatory diseases of the nervous system. A.IU.Makarov. Trudy LIETIN 2:238-249 '59.

Some remarks on a method for the paper electrophoresis of blood proteins. A.A.Tokareva, P.A.Sheroshnev. Izv.Irk.gos.nauch.-issl.protivochum.inst. 18,15-23 '58.

PAPER INDUSTRY

(see also subdivision under Balakhna; Leningrad; Sakhalin; Volzhsk)

Alder as a raw material for use in the paper industry. Z.N.Chkhubianishvili. Bum.prom. 35 no.6:20-22 Je '60.

Automatization of the production must be introduced at a faster rate. E.IA.Balmasov. Bum.prom. 35 no.6: 4-6 Je '60.

Constant control of the losses in raw materials and products. N.M.Rumiantsev. Bum.prom. 35 no.6: 30-31 Je '60.

In the Scientific and Technical Society of the Papermaking and Woodworking Industry. Der.prom. 9 no.7:26-27 Jl '60.

Papermakers should not retard the development of the press. B.Mikhailov. Sov.pech. no.7:45-47 Jl '60.

Striving for technical progress. Bum.prom. 35 no.6: 12-13 Je '60.

To overcome the lag in the pulp and paper industry. Bum.prom. 35 no.6:1-4 Je '60.

PAPER INDUSTRY—BIBLIOGRAPHY see Bibliography—Paper industry

PAPER INDUSTRY—COSTS

Methods of internal analysis of production costs. IA M Kachanov. Bum prom 35 no 5:23-26 My '60

PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Balakhna; Finland; Leningrad; Segezha; Zhidachov)

Electric heating in the woodpulp and paper industry. V P. Myl'nikov Bum prom 35 no 5:21-22 My '60.

From the pages of foreign journals. Bum prom 35 no 5 31-32 My '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Price list manual for the assemblage of equipment] TSennik na montazh oborudovaniia. Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit. materialam.

No. 25. [Equipment of the enterprises of the woodpulp and paper industry] Oborudovanie predpriiatii tselliulozno-bumazhnoi promyshlennosti. 1960. 107 p.

We are going to create a powerful supply base for construction machinery Bum prom 35 no 5 1-4 My '60.

PAPER PRODUCTS

Berezin, B. I. [Printing industry materials; a textbook] Poligraficheskie materialy; uchebnik. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 560 p.

Making paper pots. K.IA Bagaev Biol v shkole no 3 79 My-Je '60

PAPERBOARD

Cardboard made of reed. V.Mudrik. NTO 2 no 7:26-27 Jl '60.

Latest in the technology of paperboard finish. P.I. Khlystov, V.V.Sharenkov. Bum.prom. 35 no.6 25-26 Je '60.

Paperboard resistant under tropical conditions Bum prom 35 no 5 7 My '60

Semichemical sulfite pulp for corrugated paperboard. N.A.Rozenberger, I.P.Onokhin, M.M.Kopantsev. Bum.prom. 35 no.6:14-15 Je '60.

Sulfite semichemical pulp for corrugated paperboard N A Rozenberger, I P Onokhin, M M Kopantsev Bum prom 35 no 5 5-7 My '60

PAPERMAKING MACHINERY

(see also subdivision under Neman)

Automatic control of a papermaking machine and methods for making the operation fully automatic [with summary in English]. A.S.Shamson. Avtom.i telem. 21 no.6: 857-866 Je '60.

Automatic electric drives in the paper industry. I.V. Neruchev, M.L.Sosnov, V.I.Zil'berfarb. Bum.prom. 35 no.6:22-24 Je '60.

New machinery Bum prom 35 no.5:4 My '60.

Press felts for manufacturing condenser paper. D.M. Fliate, A.P.Rysova. Bum.prom. 35 no.6.28-29 Je '60.

We are going to create a powerful supply base for construction machinery Bum prom 35 no 5 1-4 My '60

PARACHUTE TROOPS

The airborne infantry attacks. Sov.voin 42 no.7 16b-16c Jl '60.

Captain Brovkin and his eagles, the paratroopers. I.Vakurov. Sov.voin 42 no.7:10-14 Jl '60.

Under the parachute's canopy. V.Zheltov. Sov.voin 42 no.7.16-17 Jl '60.

PARACHUTING

(see also subdivision under Rostov-on-Don; Saransk; Sverdlovsk; Turkmenistan; Vasil'yeka District; Voronezh)

Device for parachute jump control. K.L.Kozlitinov. Vest.Vozd.Fl. no.5:85 My '60.

For the information of parachutists ("Information manual for parachutists" by R.A.Stasevich, G.I.Filinov. Reviewed by N.IA.Gladkov). Vest.Vozd.Fl. no.5 86-87 My '60.

Hungarian parachute for jumping on target. D.Gabor. Kryl.rod. 11 no.6:16 Je '60

Love of work. P.Korzinkin Kryl rod 11 no 5:17-18 My '60.

Valiant men. Kryl.rod. 11 no.7:1-2 Jl '60.

Zalutskii, G. V., and P. G. Bad'in. [Nadezhda Priakhina, world champion] Chempionka mira Nadezhda Priakhina. Moskva, Izd-vo DOSAAF, 1960. 45 p.

PARACONIC ACID

Synthesis of optically active α-alkyl-γ-butyrolactone-β-carboxylic (α-alkylparaconic) acids. M.E.Maurit and others. Zhur.ob.khim. 30 no.7:2256-2259 Jl '60.

Synthesis of racemic stereoisomeric α-alkylparaconic acids. N.A.Preobrazhenskii and others. Zhur.ob. khim. 30 no.7:2250-2256 Jl '60.

PARAFFINS

Complex formation of carbamide in the presence of water as an activator. J.Bathory. Khim.i tekh.topl.i masel 5 no.5:21-26 My '60.

Industrial experience in the oxidation of paraffins from sulfur-bearing crudes. N.I.Velizar'eva and others. Khim.i tekh.topl.i masel 5 no.7:11-16 Jl '60.

Oxidation of paraffins in pilot plant units. D.B.Orechkin and others. Khim.i tekh.topl.i masel 5 no.7:16-18 Jl '60.

Paraffin control in oil wells and pipelines. T.Skichko. Neftianik 5 no.6:26 Je '60.

Petroleum dewaxing installation using carbamide solution. Neftianik 5 no.6:25 Je '60.

Two mechanisms of carbon formation in the course of the decomposition on silica gel, of n-paraffins, naphthenes, and aromatic hydrocarbons having six and seven carbon atoms. A.P.Rudenko, A.A.Balandin, S.IA.Kachan. Izv.AN SSSR.Otd.khim.nauk. no.6:981-988 Je '60.

PARALDEHYDE

Influence of paraldehyde on the photometric determination of crotonaldehyde [with summary in English] V. S Ivanov, V. F. TSvetkov Zhur.anal khim 15 no. 2: 245-247 Mr-Ap '60.

PARAMAGNETIC RESONANCE AND RELAXATION

Effect of electron magnetic resonance on the optical properties of ferromagnetic and paramagnetic bodies. P.S.Zyrianov, T.G.Izumova, G.V.Skrotskii. Izv. vys.ucheb.zav.;fiz. no.3:32-38 '60.

Electronic paramagnetic resonance of the Ti^{3+} ion in corundum L. S. Korniienko, A. M. Prokhorov. Zhur eksp.i teor.fiz. 38 no.5 1651-1652 My '60

PARAMAGNETIC RESONANCE AND RELAXATION (Continued)

Problem of making a polarized hydrogen target. I. N. Rozentsveig, M. IA. Azbel'. Zhur. eksp. i teor. fiz. 38 no. 5:1556-1558 My '60.

Width of the magnetic resonance line in dilute paramagnetic single crystals with an anisotropic g-factor. N.G.Koloskova, U.Kh.Kopvillem. Izv.vys.ucheb. zav.;fiz. no.3:223-229 '60.

PARAMECIUM

Injurious effect of an X-irradiated medium in relation to temperature. I. B. Smirnova. TSitologiia 2 no.3: 371-373 My-Je '60.

PARASITES

(see also subdivision under Albania, Balkhash region, Dymer District; Ili Valley, Kaliningrad Province, Kazakhstan; Kustanay Province)

Parasitological comments. B.S.Chebotar'ov. Pratsi Inst. zool. AN URSR 15:112-117 '59.

PARASITES—ANURA

Ecologico-parasitological study of biocenoses in some lakes of Kaliningrad Province. Report No.1 Parasite fauna of tailless amphibians [with summary in English]. M.N.Golikova. Zool. zhur. 39 no.7:984-994 Jl '60.

PARASITES—BIRDS

Distribution of the tick Argas reflexus in Kazakhstan. M.P.IAkunin. Trudy Inst. zool. AN Kazakh.SSR 12: 221-225 '60.

Experimentally obtained sexually mature metacercaria of Tetracotyle ardeae (Trematoda, Strigeidae). V. I. Zdarikov. Trudy Gel'm. lab. 10:327-330 '60.

Habitation and mass reproduction sites of the tick Ixodes frontalis Panz. in Daghestan [with summary in English]. V.M.Gusev, A.A.Guseva. Zool. zhur. 39 no.7:1096-1099 Jl '60.

Helminth fauna of birds in the Zaysan Depression. V.IA. Panin. Trudy Inst. zool. AN Kazakh.SSR 12:166-172 '60.

Nematodes parasitic in birds of the Maritime Territory. E.IA. Bashkirova. Trudy Gel'm. lab. 10:16-57 '60.

PARASITES—CATTLE

Epizootiology of hemosporidioses of domestic animals in Azerbaijan [in Azerbaijani with summary in Russian]. N.S. Abusalimov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no.3:105-113 '60.

Fauna and dynamics of intestinal cestodes infecting cattle in northern Kazakhstan. L.I.Lavrov. Trudy Inst. zool. AN Kazakh.SSR 12:150-165 '60.

Material on a study of helminth parasites of cattle in the Ukrainian Poles'ye. V.N. Trach. Pratsi Inst. zool. AN URSR 15:13-15 '59.

Shul'ts, R.S. [Helminthiasis in sheep and cattle, a practical manual for livestock farm workers, directors of farms, zootechnicians, and veterinarians] Gel'mintozy ovets i krupnogo rogatogo skota, prakticheskoe posobie dlia rabotnikov zhivotnovodstva, rukovoditelei khoziaistv, zootekhnikov i veterinarnykh spetsialistov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 239 p. (DA)

Specific independence of the cestode Moniezia alba parasitic in cattle. V.I.Bondareva. Trudy Inst. zool. AN Kazakh.SSR 12:140-144 '60.

PARASITES—CHIPMUNKS

Cestodes of passerine birds parasitic in rodents. A. A. Spasskii, L. P. Spasskaia. Trudy Gel'm. lab. 10:212-216 '60.

PARASITES—COOTS

Identity of the species Amidostomum fulicae (Rudolphi, 1819) and Amidostomum raillieti (Skrjabin, 1915). A. V. Pavlov. Trudy Gel'm. lab. 10:160-172 '60.

PARASITES—DOGS

Ectoparasites of the domestic dog in Kazakhstan. N.A. Bezukladnikova. Trudy Inst. zool. AN Kazakh.SSR 12:236-240 '60.

PARASITES—DOMESTIC ANIMALS

Antipin, D. N. [Parasitology and invasive diseases of farm animals] Parazitologiia i invazionnye bolezni sel'skokhoziaistvennykh zhivotnykh. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959 491 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DA)

PARASITES—DUCKS

Helminths parasitic in the king eider. K. M. Ryzhikov. Trudy Gel'm. lab. 10:173-187 '60.

Shevtsov, A. A., and L. N. Zaskind. [Helminths and helminthiases of domestic water fowl] Gel'minty i gel'mintozy domashnikh vodoplavaiushchikh ptits. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 444 p. (DA)

PARASITES—FIELD MICE

Gamasid mites parasitic on the vole Ellobius talpinus in the environs of Alma-Ata. V.N.Senotrusova. Trudy Inst. zool. AN Kazakh.SSR 12:206-209 '60.

Helminth fauna of the water rat (Arvicola terrestris L.) in Azerbaijan [in Azerbaijani with summary in Russian]. I. A. Sadykhov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3:77-79 '60.

Materials on the ecology of field mouse fleas in Khabarovsk Territory. O. I. Kozlovskaia, A. A. Demidova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:59-61 '58.

PARASITES—FISHES

Cestodes parasitic in fishes of the Amur River. A. Kh. Akhmerov. Trudy Gel'm. lab. 10:15-31 '60.

Distribution of metacercariae of Opisthorchis felineus in fishes of the Irtysh River within the boundaries of Pavlodar Province. I. G. Sidorov. Trudy Inst. zool. AN Kazakh.SSR 12:189-193 '60.

Formation of the contemporary fauna of parasites in feeding fishes in the Balkhash-Ili Basin. I. V. Gvozdev, A.I.Agapova. Trudy Inst. zool. AN Kazakh.SSR 12: 183-188 '60.

Helminths of the class Monogenoidea from fishes of the Tuva Autonomous Province. A. A. Spasskii, V. A. Roitman. Trudy Gel'm. lab. 10:188-211 '60.

Parasites of fishes in waters of Kustanay Province. A. I. Agapova. Trudy Inst. zool. AN Kazakh.SSR 12:195-205 '60.

PARASITES—GEESE

Shevtsov, A. A., and L. N. Zaskind. [Helminths and helminthiases of domestic water fowl] Gel'minty i gel'mintozy domashnikh vodoplavaiushchikh ptits. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 444 p. (DA)

PARASITES—GERBILS

Species composition and seasonal changes in the number of fleas of the Mongolian gerbil (Meriones unguiculatus A. M.-Edw.) in the steppe area of southeastern Transbaikalia. A. A. Timofeeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:53-57 '57.

PARASITES—GOATS

Study of acariform parasites in small cattle. A.A. Shevtsov, A.A. Shestrov. Trudy Gel'm. lab. 10:149-155 '60.

PARASITES—LEMMINGS

Studying ectoparasites of the lemming Dicrostonyx torquatus Pall. [with summary in English]. E. M. Grokhovskaia. Zool. zhur. 39 no.7:1091-1095 Jl '60.

PARASITES—LOONS

Helminth fauna of loons in the lower Lena Valley. V. I. Kontrimavichus, L. L. Bakhmet'eva. Trudy Gel'm. lab. 10:133-143 '60.

PARASITES—MAMMALS

(see also subdivision under Kabansk District, Buryat Mongolia, Transbaikalia)

Epidemiological role of predatory mammals in Mongolia. N.D. Emel'ianova. Izv. Irk. gos. nauch. inst. protivochum. inst. 15:285-291 '57.

PARASITES—MARMOTS

Ectoparasites of the marmot (Marmota sibirica) and their significance as plague carriers. N. I. Mal'tsev, T. A. Shvarts, L. P. Makarova. Izv. Irk. gos. nauch. inst. protivochum. inst. 15:111-118 '57.

Observations on the wintering of fleas on the marmot in Transbaikalia. I. F. Zhovtyi, B. I. Pinigin, L. ... Irk. gos. nauch. inst. protivochum. inst. 17:... '58.

PARASITES—MOLLUSKS

Changes in larval forms of trematode parasites of freshwater mollusks with the age of the host [with summary in English]. M. I. Chernohorenko. Dop. AN URSR no. ...: ...-370 '60.

PARASITES—MUSKRATS

Ectoparasites of the muskrat (Ondatra zibethica L.) and its contacts with other rodents in Khabarovsk Territory. M. A. Grebnev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:143-146 '58.

PARASITES—MUSTELIDAE

Helminth fauna of sables and other mustelines in the Krasnoyarsk Territory [with summary in English]. I.V.Romanov. Zool. zhur. 39 no.7:1005-1007 Jl '60.

PARASITES—OLIGOCHAETA

The oligochaete Criodrilus lacuum Hoffmeister, 1845, a supplementary host of trematodes of the families Echinostomatidae and Strigeidae. V. I. Zdarskaia, E. M. Karmanova. Trudy Gel'm. lab. 10:241-244 '60.

Studying the helminth fauna of the oligochaete Criodrilus lacuum. E. M. Karmanova. Trudy Gel'm. lab. 10:117-131 '60.

PARASITES—OSPREYS

Nematodes Encephalonema longicollis n. gen., et sp. n. from the brain of birds [with summary in English]. A. M. Parukhin, P. G. Oshmarin. Zool. zhur. 39 no.6:934-936 Je '60.

PARASITES—PASSERIFORMES

Cestodes of passerine birds parasitic in rodents. A. A. Spasskii, L. P. Spasskaia. Trudy Gel'm. lab. 10:212-216 '60.

PARASITES—PIKAS

Fleas of the Daurian pika during the period of the massive growth of their numbers. I. F. Zhovtyi, O. A. Kopylova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:293-298 '57.

PARASITES—POULTRY

Helminth fauna of chickens in ... [illegible] ... 171-182 '60.

[illegible]

[illegible] from [illegible] of [illegible]. S. M. [illegible], D. P. [illegible]. Trudy Gel'm. lab. 10 [illegible] '60.

PARASITES—WH[illegible]
[illegible] in the infestation of the whitefish [illegible] Lake [illegible] [with summary in English]. V. M. [illegible] Zool. zhur. 39 no. 6:[illegible] Je '60.

PARASITES—WILD BOAR
Materials on the ecology of the louse Haematopinus [illegible] on the [illegible] wild boar [with summary in English]. [illegible] Zool. zhur. 39 [illegible] Je '60.

PARASITOLOGY
(see also subdivision under Ukraine)
[illegible] meeting on parasitological problems and the [illegible] problems of especially dangerous in[illegible]. I. I. Zhovtyi. Izv. Irk. gos. nauch. inst. [illegible] '57.
[illegible] parazitologii i tropicheskoi meditsiny [illegible]. [Transactions of the [illegible] of Medical Parasitology and Tropical Medicine] Trudy instituta. Pod red. V. N. Beklemisheva i M. G. [illegible]. Moskva, 1959. 643 p.
[illegible] of work of the parasitological information in the [illegible] institutions of Siberia and the Far East. [illegible] Izv. Irk. gos. nauch. [illegible] protivochum. inst. [illegible] '60.

PARATYPHOID FEVER
[illegible] of B. paratyphi from the Siberian mar[illegible] [illegible] Izv. Irk. [illegible] protivochum. inst. 15 [illegible] '57.
[illegible] form of paratyphoid B. L. A. [illegible] '60.
[illegible] paratyphoid B [illegible] carriage among chil[illegible] by data from pathoanatomical sections. [illegible] My '60.

PA[illegible] AND [illegible]
[illegible] no. 6:30 [illegible]

PA[illegible] AND [illegible] (LAW)
[illegible], D. I. [Legal status of women and children in the U.S.S.R.] Pravovoe polozhenie zhenshchiny i rebenka v SSSR. [illegible] Moskva, Gos. izd-vo iurid. lit-ry, 1960. 130 p. ([illegible] populiarnoi iuridicheskoi literatury)

PA[illegible]
[illegible] no. 6:[illegible] 174 Je '60.

PAR[illegible] EXHIBITIONS
[illegible] in Moscow, London, Paris. M. V. Nesterov. [illegible] 18 no. 5:[illegible] '60.

PAR[illegible]
[illegible] of the first half of the [illegible] collection. [illegible] '60.

PAR[illegible]
[illegible] in Paris. M. V. [illegible] no. 6:[illegible]-284 Je '60.

PAR[illegible] THEATER
[illegible] at the presentation of "[illegible]." [illegible] Ag '60.
[illegible] theater of today' by G. Boiadzhiev. Reviewed [illegible] Teatr 21 no. 7:[illegible] Jl '60.

PA[illegible]
[illegible] V. [illegible] Sov. foto [illegible]

PA[illegible]
[illegible] no. 8:22-23 Jl '60.

PAROTID GLANDS
[illegible] of the effect of [illegible] on [illegible] variations of [illegible] [with summary in English]. [illegible] no. [illegible] '60.
[illegible] activity of the parotid salivary glands of sheep [illegible] the varying character of diet and [illegible] M. T. [illegible] Trudy Inst. fiziol. AN Kazakh [illegible]
[illegible] the secretion of nitrogenous substances by [illegible] salivary glands in sheep in relation to [illegible] M. K. [illegible] Trudy Inst. fiziol. AN Kazakh [illegible]
[illegible] of the salivary gland [illegible] the action of food [illegible] [with summary in English]. [illegible] Nalyvaiko [illegible] My-Je '60.

PAROTITIS see Mumps

PARQUET FLOORS
Experimental manufacture of larch panels for parquet floors. V. P. Pidnerov. Der. prom. 9 no. 7:23-25 Jl '60.

Parthenogenesis and other developmental characteristics of Leucichthys bergi Kaschkarov in Lake Issyk-Kul'. I. A. Turdakov, A. F. Turdakov. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 4:3-14 '59.

PARTICLE ACCELERATORS
Calculating particle losses due to scattering by gas taking into consideration the adiabatic compression of beams. I. I. Gol'din. Prib. i tekh. eksp. no. 2:11-15 Mr-Ap '60.
Future technology of the acceleration of particles. M. Rabynovych. Nauka i zhyttia 10 no. 5:11-15 My '60.
Gokhberg, B. M., and G. D. IAn'kov. [Electrostatic charged particle accelerators] Elektrostaticheskie uskoriteli zariazhennykh chastits. Moskva, Izd-vo Glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 50 p.
Injection in the microtron. B. Z. Kanter. Izv. vys. ucheb. zav.; fiz. no. 1:138-141 '60.
Injector for electron accelerators. I. M. Samoilov. Prib. i tekh. eksp. no. 2:21-23 Mr-Ap '60.
Ion accelerating tube for 50 kw. I. V. Orfanov, V. A. Teplinkov. Prib. i tekh. eksp. no. 2:150-152 Mr-Ap '60.
Measuring the ion current in an ion-accelerating system. V. A. Egorov, D. V. Karetnikov, S. N. Popov. Prib. i tekh. eksp. no. 2:146-148 Mr-Ap '60.
Present and future of acceleration engineering. M. S. Rabinovich. Nauka i zhizn' 27 no. 5:17-23 My '60.

PARTICLE SIZE DETERMINATION
Determining particle size from light scattering. Part 1. I. IA. Slonim. Opt. i spektr. 8 no. 1:98-106 Ja '60.
Evaluating the dimensions and form of grains of granular materials. G. K. Sintavskii. Izv. AN Kazakh. SSR. Ser. energ. no. 2:47-60 '60.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)
(see also subdivision under Dubna)
Angular distribution of the decay products of $\Sigma^{\pm}$-hyperons, formed by protons in a photographic emulsion. I. P. [illegible] and others. Zhur. eksp. i teor. fiz. 38 no. 3:1004-1005 Mr '60.
Calculating strange particles in the Fermi statistical theory [with summary in English]. V. I. Rus'kin, P. A. Usik. Zhur. eksp. i teor. fiz. 38 no. 3:920-933 Mr '60.
Conference on the theory of dispersion relations. B. Bi[illegible]. Atom. energ. 9 no. 1:71-72 Jl '60.
Do elementary particles have structure? A. Isakov. [illegible] 37 no. 11:[illegible] Je '60.
Energy losses of a charged particle in transient electromagnetic radiation from a moving boundary. K. A. Barsukov, B. M. Bolotovskii. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:336-338 '60.
Evaluating the smallest radius of two-particle interaction at high energies. V. G. Grishin, V. I. Ogievetskii. Zhur. eksp. i teor. fiz. 38 no. 3:1008-1009 Mr '60.
Improving the theory of perturbations in the quantum electrodynamics of particles with spin 0. V. A. Shakhbazian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6:133-140 '59.
Mirror of the micro-world. A. Meshkovskii. Znan. sila 35 no. 5:1-4 My '60.
A new nuclear particle. Kul't. i zhizn' 4 no. 6:23 '60.
New particle of the microworld. M. I. Solov'ev. Nauka i zhizn' 27 no. 5:8-10 My '60.
New strange particles. B. Pontekorvo. Zhur. eksp. i teor. fiz. 38 no. 5:1654-1656 My '60.
On the theory of nuclear matter [with summary in English]. G. M. Vagradov, D. A. Kirzhnits. Zhur. eksp. i teor. fiz. 38 no. 5:1499-1506 My '60.
Possible properties of symmetry for the system π—K. Chzhou Guan-chzhao. Zhur. eksp. i teor. fiz. 38 no. 3:1015-1016 Mr '60.
Processes involving transfer of momentum to the medium [with summary in English]. M. I. Riazanov. Zhur. eksp. i teor. fiz. 38 no. 3:851-862 Mr '60.
Quantity of accelerated particles in an ionized gas under various accelerating mechanisms [with summary in English]. A. V. Gurevich. Zhur. eksp. i teor. fiz. 38 no. 5:1597-1607 My '60.
Relation between oscillations and velocity losses of charged particles in a low-pressure cylindrical plasma in a longitudinal magnetic field. A. A. Zaitsev, M. IA. Vasil'eva. Zhur. eksp. i teor. fiz. 38 no. 5:1639-1640 My '60.
Rotation of the spin of a relativistic particle possessing a magnetic moment in connection with moving in an external field [with summary in English]. V. S. Popov. Zhur. eksp. i teor. fiz. 38 no. 5:1584-1588 My '60.
Scattering and radiative capture of Λ-particles. A. M. Kol'chuzhkin, N. N. Kolesnikov. Zhur. eksp. i teor. fiz. 38 no. 3:996-997 Mr '60.
Spurious states and the crossing symmetry condition. V. D. Kukin, A. R. Frenkin. Dokl. AN SSSR 133 no. 1:49-51 Jl '60.
Val'ter, A. K. [Introduction into the physics of elementary particles] Vvedenie v fiziku elementarnykh chastits. Khar'kov, Izd-vo Khar'kovskogo gos. univ. im. A. M. Gor'kogo, 1960. 261 p.
Scattering of transverse-polarized fermions [with summary in English]. A. A. Sokolov, M. M. Kolesnikova. Zhur. eksp. i teor. fiz. 38 no. 6:1778-1785 Je '60.

PARTRIDGES see subdivision under Tien Shan

PASSERIFORMES
"Nesting life of singing birds; reproduction and postembryonic development of forest birds in the European part of the U.S.S.R." by A. S. Mal'chevskii. Reviewed by I. B. Volchanetskii. Biul. MOIP Otd. biol. 65 no. 3:136-138 My-Je '60.

PASSERIFORMES—PARASITES see Parasites—Passeriformes

PASSIVATION
Anodic passivation of tin plate in sodium hydroxide solutions [with summary in English]. A. I. Levin, M. E. Prostakov, V. P. Kochergin. Zhur. fiz. khim. 34 no. 5:1117-1120 My '60.
Behavior of the electrode potential in the transition of the electrode from the passive to the active state [with summary in English]. IA. M. Kolotyrkin. Zhur. fiz. khim. 34 no. 5:1121-1130 My '60.
Role of passivation in the process of electrodeposition of metals [with summary in English]. A. T. Vagramian and others. Zhur. fiz. khim. 34 no. 6:1255-1259 Je '60.

PASTEUR, LOUIS, 1822-1895
Victory over rabies. M. Levit. Nauka i zhizn' 27 no. 7:60-62 Jl '60.

PASTEURELLA PESTIS
Amino acid composition of the varieties of the plague microbe grown under various conditions. Report No. 1: Qualitative investigation of the amino acid composition of the proteins of the plague microbe. V. A. Krotova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:9-14 '58.
Change in the amino acid composition of the nutrient medium in deep culturing of the plague microbe. Report no. 1. N. Z. Trofimenko, Z. I. Vasil'eva, V. A. Krotova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:117-123 '58.
Characteristics of the strains of the causative agent of plague isolated from marmots in the Tien Shan. E. P. Makarova, N. I. Makarov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:109-112 '57.
Chemical nature and serological properties of the specific polysaccharide-containing fraction of the plague microbe. E. E. Bakhrakh, E. I. Korobkova, A. F. Shalaeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:127-133 '58.
Cultivation of the plague microbe in media of a certain composition. I. V. Domaradskii, V. S. Basheva, N. K. Sidorova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:55-63 '58.
Culturability of the plague microbe from the organs of Tien Shan marmots. E. P. Makarova, N. I. Makarov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:103-107 '57.
Cysteine metabolism in plague microbe cultures. I. V. Domaradskii, V. D. Egorova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:103-110 '58.
Deamination of amino acids by microbes of plague and pseudotuberculosis. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:65-73 '58.
Dehydrogenases of plague and pseudotuberculosis microbes. I. V. Domaradskii, E. V. Buntin, G. A. Zakharova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:83-96 '58.
Determination of the immunologic properties of an attenuated plague strain. L. A. Smirnova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:219-224 '59.
Dissimilation of some amino acids under the influence of plague and pseudotuberculosis microbes. V. D. Egorova, I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:81-82 '58.
Further observations on the capacity of plague and pseudotuberculosis microbes for the dissimilation of amino acids. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:75-80 '58.
General characteristics of the metabolism of the plague microbe. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:155-170 '58.
Isolation of the polysaccharide fraction from the plague microbe. E. E. Bakhrakh, F. K. Drozdovskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:135-138 '58.
Meat-acid hydrolysate for growing cholera and plague microbes. L. I. Noskova, N. Z. Trofimenko, V. S. Mikhno. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:111-115 '58.
Once more about color differentiating medium. L. A. Timofeeva, G. P. Aparin, V. IA. Golovacheva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:123-125 '57.
Peroxidase activity of the plague and pseudotuberculosis microbes. M. N. Dzhaparidze. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:139-143 '58.
Saccharide composition of the polysaccharide-containing fraction of the plague microbe. V. D. Egorova, I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:343-345 '59.
Sensitivity of plague cultures to streptomycin. N. M. Busoedova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:125-132 '59.

PASTEURELLA PESTIS (Continued)
So-called "atypical" strains of B. Pestis. L.A.Timofeeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:113-123 '57.
Synthesis of aspartic acid and alanine by plague and pseudotuberculosis microbes. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:97-101 '58.

PASTEURELLA PSEUDOTUBERCULOSIS
(see also subdivision under Vladivostok)
Deamination of amino acids by microbes of plague and pseudotuberculosis. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:65-73 '58.
Dehydrogenases of plague and pseudotuberculosis microbes. I. V. Domaradskii, E. V. Bantin, G. A. Zakharova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:83-86 '58.
Dissimilation of some amino acids under the influence of plague and pseudotuberculosis microbes. V. D. Egorova, I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:[illegible] '58.
Further observations on the capacity of plague and pseudotuberculosis microbes for the dissimilation of amino acids. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:75-80 '58.
Once more about color differentiating medium. L. A. Timofeeva, G. P. Aparin, V. IA. Golovacheva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:123-125 '57.
Peroxidase activity of the plague and pseudotuberculosis microbes. M. N. Dzhaparidze. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:139-143 '58.
Synthesis of aspartic acid and alanine by plague and pseudotuberculosis microbes. I. V. Domaradskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:97-101 '58.

PASTEURELLA TULARENSIS
Influence of blood and its component parts on the growth of Bact. tularense. M. I. Antuferov, I. I. Noskova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:145-151 '58.
Influence of a concentration of amino acid in the Ukholov-Mikhailov medium on the growth of the tularemia microbe. M. I. Antuferov, I. I. Noskova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:51-54 '58.

PASTURE RESEARCH
(see also subdivision under Kuma Valley; Terek Valley; Tien Shan)
Effect of the disposition of components on the yields of a grass mixture. P. V. Lebedev. Bot. zhur. 45 no.6: 880-888 Je '60.

PASTURE RESEARCH—CONGRESSES
Scientific session on problems in the establishment and use of cultivated pastures. P. P. Matveeva. Bot. zhur. 45 no.6:931-935 Je '60.

PASTURES AND MEADOWS
(see also subdivision under Daghestan; Kirghizistan; Leningrad Province; Oka Valley; Shuch'e Valley; West Kazakhstan Province)
Classification of natural forage lands. I. N. Sobolev. Vop. geog. no.48:180-193 '60.
Let's properly organize the pasturing of cattle. I. Dolgoborodov. Blok. agit. [Len.] no.10:12-16 My '60.

PASTURES AND MEADOWS—IRRIGATION see subdivision under Kazakhstan

PASTYRSKOYE—BLACKSMITHING
Blacksmith shop at the ancient site of Pastyrskoye. A. T. Braichevskii. Krat. soob. Inst. arkheol. AN URSR no.9:99-103 '60.

PATENT LAWS AND LEGISLATION
"Rights of inventors and innovators in the U.S.S.R." by V. P. Mozolin. Reviewed by A. Orlov. Izobr. i rats. no.8:58-59 Ag '60.

PATENTS (INTERNATIONAL LAW)
Serebrovskii, V. I. [Legal protection of scientific discoveries in the U.S.S.R.] Pravovaia okhrana nauchnykh otkrytii v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 71 p.

PATHOLOGICAL LABORATORIES
Organization of the pathohistological laboratory in the gynecological department [in Azerbaijani with Russian summary]. Azerb. med. zhur. no.5:66-67 My '60.

PATKANIAN, RAFAEL GABRIELOVICH, 1830-1892
On the ideological conflict between Nalbandian and Patkanian [in Armenian with summary in Russian]. Ashot Ioannisian. Ist.-filol. zhur. no.4:249-267 '60.

PATKOWSKI, MACIEJ
"Scorpions" [in Polish] by Maciej Patkowski. Reviewed by S. Petrov. Inostr. lit. no.8:263 Ag '60.

PATON, EVGENII OSKAROVICH, 1870-1953
Scientific conference dedicated to the 90th anniversary of E. O. Paton's birth. M. S. Zil'ban. Avtom. svar. 13 no.6:90-96 Je '60.
Scientific conference dedicated to the 90th anniversary of E. O. Paton's birth. V. F. Tiurin. Svar. proizv. no.6:45-46 Je '60.

PATRIOTISM
Pravdychenko, H. A. [What it means to be a Soviet patriot] Shcho oznachaie buty radians'kym patriotom. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1960. 39 p.

PATTERNMAKING
Double-sided matchplates for quick replacement. P. I. Mironov. Lit. proizv. no.7:38 Jl '60.
Group method for pattern making. R. D. Baldinskii. Lit. proizv. no.7:37-38 Jl '60.

PATTERNMAKING—EQUIPMENT AND SUPPLIES
Making hollow patterns for investment casting with use of compressed gas or liquid. P. V. Borokin, IA. I. Nalivaiko. Lit. proizv. no.7:41 Jl '60.

PAVEMENTS
Norms for designing rural roads and recommended types of pavements. A. K. Slavutskii. Avt. dor. 23 no.7: 21-23 Jl '60.

PAVEMENTS, ASPHALT
The D-464 asphalt paver. A. S. Selenovich. Avt. dor. 23 no.7:11-12 Jl '60.

PAVEMENTS, CONCRETE
Gezentsvei, L. B. [Asphalt concrete construction for pavements] Dorozhnyi asfal'tovyi beton. Izd. 2., dop. i perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 401 p.

PAVILIONS see subdivision under Paris

PAVLODAR PROVINCE—RODENTIA
Rodent fauna of Pavlodar Province. V. N. Pakich. Trudy Inst. zool. AN Kazakh. SSR 13:174-178 '60.

PAVLODAR PROVINCE—SOLONETZ SOILS
Subaerial meadow-steppe Solonets complexes in the middle Irtysh Valley [with summary in English]. A. A. Sokolov, B. Dzhanpeisov, R. I. Kotin. Pochvovedenie no.1:33-43 '60.

PAVLOV, IVAN PETROVICH, 1849-1936
I. P. Pavlov's attitude in respect to religion. A. D. Sokolov. Biol. v shkole no.4:71-76 Jl-Ag '60.
Monograph "Pavlov and Freud" by Harry Wells. Reviewed by F. V. Bassin. Kul't i zhizn' 4 no.4:60-62 '60.

PAVLOVO (LENINGRAD PROVINCE)—PHYSIOLOGICAL LABORATORIES
Where Pavlov used to work. G. Solov'ev. Nauka i zhyttia 10 no.6:32-34 Je '60.

PAVLOVSKII, IVAN IAKOVLEVICH, 1853-1934
Unknown letters of A. P. Chekhov. Vop. lit. 4 no.8:140-163 Ag '60.

PAYMENT
Spaced payments. B. N. Zhuchkov. [illegible] 20 no.6: 40-41 Je '60.

PCHELKO, ALEKSANDR SPIRIDONOVICH, 1890-
Half a century on duty. Nach. shkola 30 no.6:65-66 Je '60.

PEACE
Approaching a vast subject. Mark Donskoi. Isk. kino no.5:12-13 My '60.
Episkoposov, G. L. [Technological progress and the problem of preserving the peace] Tekhnicheskii progress i problema sokhraneniia mira. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 58 p.
Our children need peace; first of June, International Day of the Protection of Children. Blok. agit. [Ukr.] no.14: 56-58 My '60.
Peace to the peoples! Iskusstvo 21 no.6:2-3 '60.
War is a monstrosity. N. Ponomarev. Zhur. Mosk. Patr. no.5:41-42 My '60.

PEACE—BIBLIOGRAPHY see Bibliography—Peace

PEACH—VARIETIES see subdivision under Kirghizistan

PEASANT UPRISINGS see subdivision under Bessarabia; Bulgaria; Europe, Western; Ukraine; Vietnam

PEASANTRY
(see also subdivision under France; Komi A.S.S.R.; Moscow Province; Ukraine; White Russia)
The landless peasantry in Russia during the 16th and 17th century. A. L. Shapiro. Ist. SSSR 4 no.3:49-64 My-Je '60.

PEAT
(see also subdivision under Armenia; Irkutsk Province; Kirghizistan; Leningrad Economic region)
Council on the coordination of scientific work on peat. Torf. prom. 37 no.4:37 '60.
EM-1 peat hygrometer. V. V. Voroshevich. Torf. prom. 37 no.4:35-36 '60.
Economic effectiveness of the utilization of peat in power engineering methods of production. Z. F. Chukhanov. Torf. prom. 37 no.4:30-34 '60.
Experience in modernizing small peat-briquet factories. F. A. Beliaev. Torf. prom. 37 no.4:28-30 '60.
Specifications for peat litter. Torf. prom. 37 no.4:38-39 '60.
Work of the All-Union Scientific Research Institute for Peat Industry in 1959 on the industrial preparation of peat and mineral fertilizers. A. I. [illegible]. Torf. prom. 37 no.4:[illegible] '60.

PEAT—BIBLIOGRAPHY see Bibliography—Peat

PEAT—ELECTRIC PROPERTIES
Electrokinetic properties of peat [with summary in English]. M. P. Volarovich, G. IA. Voronkov. Koll. zhur. 22 no.1:102-104 [illegible] '60.

PEAT—EXHIBITIONS
"Peat" Pavilion at the Exhibition of Achievements of the National Economy of the U.S.S.R. Torf. prom. 37 no.4:5-8 '60.

PEAT—HANDBOOKS, MANUALS, ETC.
[illegible], N. R., I. B. [illegible], and V. N. [illegible], eds. [Reference book on peat] [illegible]. Moskva, Gosenergoizdat, 1954. [illegible] p.

PEAT—PERIODICALS
Conference of readers of the "Torfianaia promyshlennost'." Torf. prom. 37 no.4:37-38 '60.

PEAT—THERMAL PROPERTIES
Rate of thermal decomposition of wood and peat [with summary in English]. [illegible]. Inzh.-fiz. zhur. no.7:103-105 Jl '60.

PEAT—TRANSPORTATION
(see also subdivision under Gorky Province)
Coefficient of resistance to the transportation of [illegible]. [illegible]. Izv. vys. ucheb. zav.; gor. zhur. no.7:111-116 '60.

PEAT BOGS
(see also subdivision under Sakhalin)
Work practice in the drainage of peat bogs. [illegible]. Gidr. i mel. 12 no.7:42 Jl '60.

PEAT INDUSTRY
At the Presidium of the Central Committee of the Trade Union of Workers of Power Plants and of the Electrical Industry. Torf. prom. 37 no.4:10-12 '60.
Balance sheet of operations of the peat industry of the R.S.F.S.R. in 1959, and its objectives in 1960. D. I. Strukov. Torf. prom. 37 no.4:1-5 '60.

PEAT MACHINERY
Designing [illegible] presses. V. G. Peshkov. Torf. prom. 37 no.4:10-12 '60.
Experience in operating MP-1 machines at peat enterprises. Torf. prom. 37 no.4:8-10 '60.
Machinery for drilling wells in peat fields. A. I. [illegible]. Torf. prom. 37 no.4:34-35 '60.
Problems involved in winning peat litter by the milling method. S. IA. [illegible]. Torf. prom. 37 no.4:19-21 '60.

PEAT MACHINERY—TESTING
Results of testing cutting and forming machines used in the manufacture of peat insulating boards. V. P. [illegible], M. V. [illegible], K. M. [illegible]. Torf. prom. 37 no.4:27 '60.

PEAT SOILS
Calculating the interaction between wheels and peat soils. M. M. [illegible]. Izv. vys. ucheb. zav.; [illegible] no.7:[illegible] '60.
Lower limit of the availability of moisture in peat soils [with summary in English]. [illegible], V. G. Vinogradov. [illegible] '60.
Some characteristics of hybrids of distant crosses of barley varieties and raised in peat soils. [illegible]. Vestsi AN BSSR Ser. biial. nav. no.2:43-52 '60.

PECHORA BASIN—COAL MINERS
I shall remember this day forever. P. [illegible]. Mast. ugl. 9 no.8:1 '60.

PECHORA BASIN—COAL MINES AND MINING
Coal is needed [illegible]. [illegible]. Mast. ugl. 9 no.5:5 My '60.
Shortened working day. G. Ananchenko. Mast. ugl. 9 no.6:12 '60.

PECHORA VALLEY—GEOLOGY, STRATIGRAPHIC
Parshina, A. I. [Stratigraphy and paleogeography of Devonian sediments on the right bank of the central Pechora and the southern part of the Chernyshev Ridge] Stratigrafiia i paleogeografiia devonskikh otlozhenii Pravoberezh'ia srednei Pechory i iuzhnoi chasti griady Chernysheva. Leningrad, Izd-vo Akad. nauk SSSR, 1960. 144 p., illus., diagrs.
Recent data on the geological structure of the Pechora Depression. T. I. Kushnareva, IA. N. [illegible]. Dokl. AN SSSR 133 no.4:[illegible] Ag '60.
Recent data on Triassic deposits of the Pechora Depression. V. P. [illegible]. Dokl. AN SSSR 133 no.4: 909-912 Ag '60.

PECHORA VALLEY—PALEOGEOGRAPHY
Parshina, A. I. [Stratigraphy and paleogeography of Devonian sediments on the right bank of the central Pechora and the southern part of the Chernyshev Ridge] Stratigrafiia i paleogeografiia devonskikh otlozhenii Pravoberezh'ia srednei Pechory i iuzhnoi chasti griady Chernysheva. Leningrad, Izd-vo Akad. nauk SSSR, 1960. 144 p., illus., diagrs.

[illegible] in the [illegible]
[illegible] no. [illegible] Jl Ap '60

[illegible]—CONGRESSES
[illegible] of medical care for children [illegible] the All-Russian Congress of Pediatricians] [illegible] Vop. [illegible] My-Je [illegible]

[illegible]—STUDY AND TEACHING
[illegible] psychoneurologists in the U.S.S.R. [illegible] Vop. okh. mat. i det. 5 [illegible] Jl-Ag '60

[illegible]MATITES
[illegible] subdivision under Mashuka region, [illegible]
[illegible] between the genesis and mineralization of [illegible] and the age of metamorphism [illegible] as illustrated by the pegmatites in the Mama [illegible] IU.M.Sokolov. Zap. [illegible] 89 no.3:309-311 '60.
[illegible] of pegmatite [illegible] A.I.Gines[illegible] Geol.rud.mestorozh. no.1:48-54 [illegible] '60.

[illegible]—MOTION PICTURE STUDIOS
[illegible] new Peking motion picture studio. A.N. [illegible] Tekh.kino i telev. 4 no.7:71-76 Jl [illegible]

[illegible]—RADIO STATIONS
[illegible] in Peking. Radio no.7:19 Jl '60.

[illegible]—THEATER
[illegible] on the stage of the theater. G.L. Teatr [illegible] Jl '60.

[illegible] Peiping

[illegible], KUZ'MA MYKOLAIOVYCH, 1880-1953
[illegible] M.G.Denysenko. Nauka [illegible] Jl '60.

[illegible]—FRACTURES
[illegible] with pelvis fractures. P.G.Drachuk. [illegible] Ap '60.

[illegible]—INNERVATION
[illegible] of the internal organs in the cerebral cortex [illegible] of cats and dogs. Report no. 3: [illegible] in the cerebral cortex [illegible] [with summary in English]. K.M.Kullanda. [illegible] 49 [illegible] Je '60

[illegible] see subdivision under Antarctic regions

[illegible]
[illegible] on the development [illegible] aseptic inflamma[illegible] A. Venglinskaia [illegible] My-Je '60.
[illegible] V. [illegible]
[illegible] preparation [with [illegible] A. [illegible] and others. [illegible] Je '60.
[illegible] Ul'ianicheva [illegible] the problem of sensitivity to [illegible] and healthy children [illegible] epidermal droplet tests [illegible]

[illegible]
(see also subdivision under Kugel'a)
[illegible] "veterans of labor." [illegible] Mr '60
[illegible] exchange experience. Sots. obesp. 21 [illegible] My '60

[illegible] HOMES, ETC.
(see also subdivision under Cherepovets, Velikiye Luki; and Yaroslavl)
[illegible] veterans of labor. Sots. obesp. 21 no.5 [illegible] My '60

PENSIONS
(see also subdivision under Checheno-Ingush A.S.S.R.; Kazakhstan; Kabardino-Balkar A.S.S.R.; Kalmyk A.S.S.R.; Mordovia; Ossetia; Rumania; Yegor'yevsk)
[illegible] for similar mistakes. Sots. obesp. 21 no.6:58-59 Je '60
[illegible] Sots. obesp. [illegible] no.5:59-61 My '60
[illegible] small, Sots. obesp. 21 no.6:59 Je '60.
[illegible] workers in education and public health. IU.TSe-[illegible] no.6:62-67 [illegible]
[illegible] obtain a disability pension] Kak poluchit' pensiiu po invalidnosti. [Moskva] Mosk. rabochii, 1960. 95 p.
[illegible] less scribbling. V.Pleskov. Sots.obesp. 21 [illegible] Je '60.
[illegible] Nauka i rel. no.7:69 Jl '60.
Make provisions for the rights of pensioners. A.Rykov. Sots. obesp. 21 no.6:44-45 Je '60.
[illegible] to working pensioners. [illegible] Prom.koop. 14 no.6:39 Je '60.
Old age pensions for artists. A Zaborzhaev. Sots obesp. 21 no 5 47-51 My '60
The pension administration elucidates. Sots. obesp 21 no 5 58-59 My '60
The pension administration elucidates. Sots. obesp. 21 no. 6,56-57 Je '60.
Pensions in cases of a loss of a provider (conclusion). S.Smirnov, IU. TSederbaum. Sots. obesp. 21 no. 6: 50 56 Je '60.
Pensions in cases of the loss of a provider. IU TSederbaum, S. Smirnov Sots obesp 21 no. 5 51-57 My '60.
[Pensions in the U.S.S.R.; collection of official materials] Pensionnoe obespechenie v SSSR; sbornik ofitsial'nykh materialov. Izd. 2., dop. i perer. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 401 p.
Questions and answers. Sots. obesp. 21 no. 6·57-58 Je '60.

PENTADECANOIC ACID
Synthesis of the ethyl ester of 4,6,9,11,14-pentaketopentadecanoic acid and of the ethyl ester of 4,6,9,11,14,19-heptaketoeicosanoic acid. N.V. Zotchik, R.P. Evstigneeva, N.A. Preobrazhenskii. Zhur.ob.khim. 30 no.7: 2250 2261 Jl '60.

PENTANE
Identification of alkyl benzenes. Part 2: Analysis of binary mixtures of acylamino derivatives of 2-phenylbutane and 3 phenylpentane. T.E. Zalesskaia, L.E. Zhuravleva. Zhur.ob.khim. 30 no.7:2164-2166 Jl '60.
Solubility of n-pentane and n-hexane in water. A.IU. Namiot, S.IA. BELDER. Khim. i tekh. topl. i masel 5 no.7:52-55 Jl '60.

PENTANE—SPECTRA
Dispersion curve of gaseous n-pentane. E.F. IAmshchikov. Opt. i spektr. 8 no.1 61-65 Ja '60.

PENTANEDIONE
Chemical bond in the molecules of trivalent metal acetylacetonates. L.A. Shugam, L.M. Shkol'nikova. Dokl. AN SSSR 134 no.?:386-387 Jl '60.
Quinones. Part 34: Condensation of p-quinones with acetylacetone imines. A.N. Grinev and others. Zhur. ob.khim. 30 no. 7:2311-2315 Jl '60.
Quinones. Part 35: Bromination of "acid complexes" of p-benzoquinone by the Chelintsev method. A.N. Grinev, V.L. Florent'ev, A.P. Terent'ev. Zhur.ob.khim. 30 no.7:2316-2317 Jl '60.

PENTANONE
Polymers based on the products of the interaction between furfurole and diacetone alcohol and a boron-containing ester of diacetone alcohol I V Kamenskii and others Plast massy no 6 15 17 '60

PENTENE
Action of sulfuric acid on trimethylpentenes. S.S. Nazarova. Khim. i tekh. topl. i masel 5 no. 5·41-45 My '60.
Catalytic alkylation of tetralin. Report No. 1: Alkylation of tetralin with amylenes. N.I. Shuikin, N.A. Pozdniak. Izv. AN SSSR. Otd. khim. nauk no. 6:1094-1097 Je '60.
Synthesis of branched acids of the C_nH_{2n+1} COOH series, having the composition C_{13}-C_{16}. G.I. Nikishin, IU.N. Ogibin, A.D. Petrov. Zhur.ob.khim. 30 no.7· 2148-2153 Jl '60.

PENZA—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES
A talk with a group leader. IA. Fomenko. Part. zhizn' no. 14:14-16 Jl '60.

PENZA—TECHNICAL EDUCATION—EXHIBITIONS
Exhibition in Penza. D. Severov. Sred. spets. obr. 7 no. 6:47 Je '60.

PENZA PROVINCE—COMMUNIST YOUTH LEAGUE
There are good prospects for their work; they should realize their plans. Z. Arzestan, A. Mel'nikov. Mol komm. no. 7.75-81 Jl '60

PENZA PROVINCE—COOPERATIVE SOCIETIES
Why the artels do not fulfill the plan in variety of items produced. N. Kalashnikov. Prom. koop. 14 no. 6:14 Je '60.

PENZA PROVINCE—POLIOMYELITIS
Experience in carrying out inoculations against poliomyelitis with live, attenuated vaccine. M.L. Balian. Fel'd. i akush. 25 no.5:64 My '60.

PEPSINOGEN
Studying the sequence of amino acid residues in the N-terminal section of pepsinogen. L.A. Lokshina, V.N. Orekhovich. Dokl. AN SSSR 133 no. 2:472-475 Jl '60.

PEPTIC ULCER
Condition of the enzyme systems in peptic ulcer patients. Sh.I. Liberman. Vrach. delo no. 6:647 Je '60.
Functional disorders of the large intestine in peptic ulcer and chronic gastritis. A.V. Frol'kis. Voen.-med. zhur. no. 6:66-71 Je '60.
Late results of surgery in gastric and duodenal ulcer. A.N. Spiridonov and others. Kaz. med. zhur. 40 no. 5· 25-29 S-O '59.
[illegible] hypertension. [illegible]. Kaz. med. zhur. 40 no. 5·117-118 S-O '59.
Samsonov, V.A. [Complications of gastric and duodenal peptic ulcer; clinical and anatomical characteristics] Oslozhneniia iazvennoi bolezni zheludka i dvenadtsatiperstnoi kishki; kliniko-anatomicheskaia kharakteristika. Petrozavodsk [Gosizdat] Karel'skoi ASSR, 1959. 279 p.
(DNLM)
Surgical approach in perforated gastric and duodenal ulcers. V.K. Kostkevich, Z.A. Erlikh. Voen.-med. zhur. no. 6·62-65 Je '60.
Treatment of gastric and duodenal ulcer with bikaline. I.S. Mastbaum. Vrach. delo no. 7·34-37 Jl '60.

PERCEPTION
Bzhalava, I.T. [Perception and attitude. Vospriiatie i ustanovka. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1960. 208 p. [In Georgian.]
Experimental electronic installation for studying visual perception. E.I. Ignat'ev, V A. Makhonin Vop psikhol. 6 no. 2,147-151 Mr-Ap '60.
Interconnection in the perception of the images of object parts and their interrelationships. L.A. Venger. Dokl. APN no. 4·77-80 '59.

PERCH
(see also subdivision under Issyk-Kul')
Comparative analysis of the developmental stages of pike perch (Lucioperca lucioperca (Linne)) in the Volga, Don, and Kuban Rivers. E.N. Dmitrieva. Trudy Inst. morf. zhiv. no. 25;90-136 '60.
Pike perch as a guard. V. Honcharenko. Ukraina no. 14· 32 Jl '60.

PERCHLORIC ACID
Extraction of perchloric acid with tributyl phosphate. V.V. Fomin, E.P. Maiorova. Zhur. neorg. khim. 5 no. 5·1100-1106 My '60.
Heats of solution of copper perchlorate hexahydrate in water and aqueous solutions of perchloric acid. S.A. Shchukarev, G.M. Orlov, Z.U. Borisova Zhur. ob. khim. 30 no. 7:2097-2102 Jl '60.
Integral heats of solution of perchloric acid. N.V. Krivtsov, V.IA. Rosolovskii, A.A. Zinov'ev. Zhur. neorg. khim. 5 no. 4;772-774 Ap '60.
Integral heats of solution of perchloric anhydride and of its mixtures with perchloric acid in water at 25°. V.IA. Rosolovskii, N.V. Krivtsov, A.A. Zinov'ev. Zhur. neorg. khim. 5 no. 4;778-781 Ap '60.
Solubility in the ternary system $Ce(ClO_4)_3$ - $HClO_4$ - H_2O at 20 and 0°. A.A. Zinov'ev, N.A. Shchirova. Zhur. neorg. khim. 5 no. 6,1299-1303 Je '60.

PEREKOP LAKES
Physicochemical investigations of the Perekop salt lakes. A.M. Ponizovskii, E.P. Meleshko. Zhur. neorg. khim. 5 no. 6;1320-1336 Je '60.

PEREMYSHLYANY—BRICK INDUSTRY
Plant works in two shifts M. Pronchak Sil'. bud 10 no 4 19-20 Ap '60

PEREMYSHLYANY DISTRICT—LIBRARIES AND SCHOOLS
We supervise the reading of children. O. Bodnar. Sots. kul't. 13 no. 7:43-44 Jl '60.

PERGOLESI, GIOVANNI BATTISTA, 1710-1736
Works by Pergolesi. L. Vladimirov. Sov. muz. 24 no. 7:138 Jl '60.

PERICARDITIS
Case of pericarditis as a complication of pneumonia in a 7-months-old child. P.D. Tuliaganov. Med. zhur. Uzb. no. 12·91 D '58.

PERIDOTITE see subdivision under Ula Valley

PERIDOTITE—MAGNETIC PROPERTIES
Residual magnetism of Devladovo peridotites [with summary in English]. N.P. Mykhailova. Dop. AN URSR no. 5;626-629 '60.

PERIODIC LAW
Holub, A.M., and A.M. Petrusenko. [D.I. Mendeleev's law is a fundamental law of nature] Periodychnyi zakon D.I. Mendelieieva - fundamental'nyi zakon pryrody. Kyiv, 1960. 56 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 5, no. 3-4)

PERIPHERAL NERVES see Nerves, Peripheral

PERLITE (MINERAL)
Ceramic perlite heat-insulating products. A.V. Zhukov, K.V. Dazhuk, G.I. Pivovar. Strol. mat. 6 no. 7:21-22 Jl '60.

PERM PROVINCE—EFFICIENCY, INDUSTRIAL
A tremendous power. A. Golovachev. NTO 2 no. 7·9-12 Jl '60.

PERM PROVINCE—ENCEPHALITIS
Biological foundations of epidemiological prognosis of tick-borne encephalitis [with summary in English]. S.A. Shilova. Biul. MOIP. Otd. biol. 65 no. 1:37-47 Ja-F '60.

PERM PROVINCE—JUSTICE, ADMINISTRATION OF

Local soviets try to strengthen socialist legality. N.V. Artamonov. Sov.gos.i pravo no.7:157-162 Jl '60.

PERM PROVINCE—RAILROADS—MAINTENANCE AND REPAIR

Combining track repairs with the general maintenance operations of the section. S.V. Lozanov. Put' i put. khoz. 4 no.7:11-13 Jl '60.

PERM PROVINCE—SPORTS

We still work according to old methods. V. Vekholantsev, A. Grachevskii. Mol. komm. no.7:65-67 Jl '60.

PERMALLOYS—MAGNETIC PROPERTIES

Investigating the kinetics of determining the magnetic texture of 65-percent permalloy in the process of low-temperature annealing. Sh.I. Zusman. Sbor. trud. TSNIICHM no.23:204-212 '60.

PERMALLOYS—METALLOGRAPHY

Attachment to the URS-50I X-ray apparatus for the study of deformation textures in thin, 50NP alloy strips. M.M. Borodkina. Sbor. trud. TSNIICHM no.23:171-182 '60.

PERMANGANATES

Oxidation potential of permanganate. I.P. Alekseev, V.M. Pesotskaia, B.V. Ptitsyn. Zhur.ob.khim. 30 no.7:2104-2108 Jl '60.

PERMEABILITY

Relation of the dynamic permeability of ferromagnetic materials to their macroscopic nonuniformity. E.L. Gurvich. Sbor.trud.TSNIICHM no.23:88-94 '60.

PERONOSPORALES see subdivision under Azerbaijan

PEROV, VASILII GRIGOR'EVICH, 1834-1882

Unknown letters written by V.G. Perov. A. Vereshchagina. Iskusstvo 23 no.6:68-69 '60.

PEROVO—TECHNICAL LIBRARIES

Knowledge of economics for everyone. E. Shapiro. Bibliotekar' no.7:27-31 Jl '60.

PEROXIDASES

Peroxidase activity of the plague and pseudotuberculosis microbes. M.N. Dzhaparidze. Izv.Irk.gos.nauch. inst. protivochum. inst. 18:140-151 '58.

PEROXIDES

Formation of resistant organic peroxides in the animal organism due to the effect of ionizing radiations. I.K. Kolomiitseva. Biofizika 5 no.3:339-345 '60.

Thermal stability and polymerization-initiating activity of diacyl peroxides of cinnamic and hydrocinnamic acids. I.V. Sukmanskaia, A.I. Iurzhenko. Zhur.ob.khim. 30 no.7:2108-2113 Jl '60.

PEROXYDICARBONATES

Radical reactions of percarbonates. Part 1: Thermal decomposition of dibenzyl- and dicyclohexylperoxydicarbonates in benzene and isopropyl alcohol. G.A. Razuvaev, L.M. Terman. Zhur.ob.khim. 30 no.7:2387-2393 Jl '60.

PERSIA see Iran

PERSIAN LANGUAGE—PHONETICS

On the phonetic characteristics of a syntagma in the Persian language [with summary in English]. V.I. Zav'ialova. Vest.LGU 15 no.14:125-137 '60.

PERSIAN MANUSCRIPTS see Manuscripts, Persian

PERVOMAYSK DISTRICT—AGRICULTURE

Effective results of public inspection. A. Kritina. Blok. agit. [Ukr.] no.10:25-31 Je '60.

PESTICIDES

Action of heptachlor and chlordane introduced into the soil upon the larvae of beet curculionidae. S.A. Peralin. Sakh.prom. 34 no.6:70-71 Je '60.

Latest in fertilizers, herbicides, and poisonous chemicals for sugar beets. S.L. Feldman. Sakh.prom. 34 no.6:72 Je '60.

PETER I, THE GREAT, EMPEROR OF RUSSIA, 1672-1725

A.K. Nartov's work "Pictorial presentation of machines" (on the history of the Petersburg "Mechanical laboratory of Peter the Great"). V.N. Vasil'ev. Trudy Gos. Erm. 3:41-62 '59.

PETERS, ROBERTA

Guest performances of foreign musicians. Georgii Polianovskii, Elena Katul'skaia, I. IAmpol'skii. Sov. muz. 24 no.7:130-142 Jl '60.

PETROLEUM

(see also subdivision under Tatar A.S.S.R.)

Equilibrium constants of the components of natural gas in the system gas - petroleum. N.A. Trikon. Gaz. prom. 5 no.7:15-19 '60.

PETROLEUM—ANALYSIS

(see also subdivision under Mirzaani region)

Research in the chemical composition of petroleum oils with the object of using them in insecticides. S.I. Bezuglyi, I.G. Sulakhvili. [Trudy] NIUIF no.165:78-87 '59.

PETROLEUM—BACTERIOLOGY

(see also subdivision under Kuybyshev Province)

Comparative study of naphthalene-oxidizing bacteria in underground waters [with summary in English]. R.P. Naumova. Mikrobiologiia 29 no.3:405-410 My-Je '60.

PETROLEUM—CONGRESSES

Conference on the unification of methods of joint petroleum research. N.IA. Rudakova. Khim.i tekh. topl.i masel 5 no.6:73 Je '60.

PETROLEUM—PHYSIOLOGICAL EFFECT

Effect of natural and tar-free Naftalan petroleum on the distribution of cholesterol in experimental hypercholesteremia [in Azerbaijani with summary in Russian]. M.I. Manafova. Dokl.AN Azerb.SSR 16 no.4:411-414 '60.

PETROLEUM—REFINING

Effect of the size of the selected distillate on the degree of separation in a rectification column. IA.D. Zel'venskii, V.A. Shalygin. Khim.i tekh.topl.i masel 5 no.7:19-24 Jl '60.

Extractor equipped with rotating discs for the refining of oil fractions with furfural. V.I. Kutukova, I.V. Voznesenskaia, R.K. Stolanovich. Khim.i tekh.topl.i masel 5 no.5:16-21 My '60.

High temperature pyrolysis of the ethane fraction in pipe furnaces. M.V. Khrulev, P.S. Kogan, L.A. Potolovskii. Khim.i tekh.topl.i masel 5 no.6:13-17 Je '60.

Preparation of benzene solvents from sulfur-bearing oils. M.A. Mironov, I.I. Vorob'eva. Khim.i tekh. topl.i masel 5 no.5:32-36 My '60.

Principles of the efficient utilization of hydrogen in the processes of hydrodesulfurization of motor fuels. V.D. Pokhodnev and others. Khim.i tekh.topl.i masel 5 no.7:1-6 Jl '60.

Structure and properties of aromatic compounds in the oil fraction of sulfur-bearing crudes. V.A. Polunin, L.G. Zherdeva. Khim.i tekh.topl.i masel 5 no.5:26-31 My '60.

Thermodynamic analysis of diagrams for using secondary power resources in petroleum refineries. N.P. Volkov. Izv.vys.ucheb.zav.; neft' i gaz 3 no.6:97-104 '60.

Use of aluminum alloys substituting for steels and brasses in petroleum refining industry. B.I. Shibriaev. Khim. mash. no.2:17-18 Mr-Ap '60.

PETROLEUM—STORAGE

Change No.1 in "Technical specifications for making and assembling vertical cylindrical steel tanks for storing petroleum and petroleum products." Biul. stroi. tekh. 17 no.7:26 Jl '60.

PETROLEUM—TRANSPORTATION

Current problems in the petroleum supply. I.M. Ivanchikov. Neft.khoz. 38 no.6:1-4 Je '60.

Effect of the profile of pipeline routes and specific gravity differences of petroleum products on their mixing in consecutive pumping. V.S. IAblonskii and others. Neft. khoz. 38 no.6:55-61 Je '60.

PETROLEUM AS FUEL

Nonhydrocarbon components of fuel as the main causes of deposits formed at high temperatures. Z.A. Sablina, A.A. Gureev. Khim.i tekh.topl.i masel 5 no.7:15-19 Jl '60.

PETROLEUM CHEMICALS

Oil or coal? R. Bakhmatov. Znan.-sila 35 no.5:5-7 My '60.

PETROLEUM COKE

Mechanical coke removal from thermal cracking chambers. Vas. Ivanov. Neftianik 5 no.6:28 Je '60.

PETROLEUM ENGINEERING

Reduction of sulfates in mixtures of sea water and waters of petroleum beds in an atmosphere of molecular hydrogen with the participation of sulfate-reducing bacteria [with summary in English]. M.V. Ivanov. Mikrobiologiia 29 no.3:430-433 My-Je '60.

PETROLEUM GEOLOGY

(see also subdivision under Apsheron Peninsula, Carpathian Mountain region, Caucasus, Northern Daghestan, Kalmyk A.S.S.R., Kharkov Province, Lvov Province, Neftechala region, Soviet Central Asia, Transcarpathia, United Arab Republic, Volga-Ural region, West Siberian Plain)

Characteristics of the distribution of petroleum and gas accumulations in foothill troughs and adjacent sunken parts of platforms. N.A. Eremenko, S.P. Maksimov. Geol.nefti i gaza 4 no.6:12-18 Je '60.

Estimating petroleum and gas resources in prospective folded areas. M.V. Abramovich. Geol.nefti i gaza 4 no.6:1-5 Je '60.

Krotova, V.A. [Hydrogeological factors related to oil potential] Gidrogeologicheskie kriterii neftenosnosti. Leningrad, Gos.nauchno-tekhn.izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1960. 360 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.149) [MICROFILM]

Preparing and planning the increase of petroleum and gas reserves. A.A. Trofimuk. Geol.nefti i gaza 4 no.6:5-12 Je '60.

Time of the formation of oil and gas pools in the central Volga Valley. K.B. Ashirov. Geol.nefti i gaza 4 no.6:24-26 Je '60.

PETROLEUM INDUSTRY

(see also subdivision under Australia, Austria, Chechen-Ingush A.S.S.R., Tyumen' Province, Tatar A.S.S.R., Ukraine)

Briefly. Neft.khoz. [illegible]

Briefly. Neft.khoz. 38 no.5:[illegible] My '60.

Briefly. Neft.khoz. [illegible]

First All-Union Conference on the Use of Surface Active Agents in the Petroleum Industry. N.A. [illegible] Khim.i tekh.topl.i masel 5 no.5:[illegible] My '60.

In the oil regions of [illegible]

A profitable contract. [illegible] '60.

[illegible]

PETROLEUM INDUSTRY—[illegible] AND SUPPLIES

[illegible]

[illegible]

PETROLEUM INDUSTRY—[illegible]

see subdivision [illegible]

PETROLEUM [illegible]

[illegible]

[illegible]

PETROLEUM [illegible]

[illegible]

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PETROLEUM [illegible]

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[illegible]

[illegible]

[illegible]

PETROLEUM [illegible]

(see also subdivision under [illegible])

[illegible]

PETROPAVLOVSK—[illegible]

Kann, P.IA. [illegible] 1960. 368 p.

PETROPAVLOVSK—THEATERS

A theater for the [illegible]

PETROV [illegible]

[illegible]

PETROZAVODSK—[illegible]

Onega lake [illegible] '60.

[illegible]

[illegible] phenanthrenequinone. Part I. 1-Nitroso-2-phenanthrol and its bisulfite compounds. S. V. Bogdanov, [illegible]. Zhur. ob. khim. 30 no. 7:2229-2235 Jl '60.

PHENETHYLAMINE
Influence of phenamine on an electroconvulsive seizure. Report No. 1. K. I. Pogodaev. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:187-197 '60.

PHENOL
Alkylation of phenol by molecular compounds of alcohols with boron fluoride. L. A. Romadan, G. T. Stipnick. Zhur. ob. khim. 30 no. 7:2193-2196 Jl '60.
Aralkylation of phenol by styrene and α-methylstyrene. [illegible], B. A. Zaitsev, D. P. El'chinov. Zhur. ob. khim. 30 no. 7:2196-2199 Jl '60.
Experimental industrial alkylation of phenol in the presence of the KU-2 cation exchange resin. IA. E. [illegible], V. I. Grushevenko, I. P. Pavlova. Khim. i tekh. topl. i masel 5 no. 5:12-16 My '60.
Gas adsorption chromatography in the analysis of gases in the production of phenol, acetone, and synthetic alcohol. A. N. Korol'. Khim. i tekh. topl. i masel 5 no. 6:60-63 Je '60.
Phenol, an important raw material (from "Chemische Technik," no. 8, 1959). Koks i khim. no. 5:63-64 '60.

PHENOL CONDENSATION PRODUCTS
Applying the dimensional theory to the derivation of an equation for the flow of phenol-formaldehyde molding compositions. L. IA. TSipen. Plast. massy no. 4:27-30 '60.
Determination of methylol groups in phenolic resins [with summary in English]. B. P. Ershov, A. S. Mosina. Zhur. anal. khim. 15 no. 2:243-244 Mr-Ap '60.

PHENOLS
Alkylation of phenol by iso-amylene (synthesis of 2,4-di-tert-amylphenol). M. G. Imaev. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 6:77-80 '60.
Catalytic hydrogenation of phenols. N. I. Shuikin, L. A. Erivanskaia. Usp. khim. 29 no. 5:648-668 '60.
Effect of hydroxybiphenyl on some pathogenic organisms in fruit, vegetables, and potatoes. N. M. L'vova, K. V. [illegible]. Sbor. nauch. rab. Len. inst. sov. torg. no. 15: [illegible] '60.
Introductory school for the operators of dephenolizing plants. A. M. Grinberg. Koks i khim. no. 5:50-52 '60.
Use of phenolates in the manufacture of gluing resins. [illegible], R. Kh. Saltanbek. Der. prom. 9 no. 5: [illegible] My '60.

PHEOPHYTIN
[illegible] complexes of iron pheophytin (III) with certain salts [with summary in English]. M. S. Ashkinazi, A. I. [illegible]. Dop. AN URSR no. 4:490-493 '60.

PHILIPPINES—ECONOMIC CONDITIONS
Philippine Independence Day. O. Baryshnikova. Sovr. Vost. no. 7:35 Jl '60.

PHILIPPINES—HISTORY
In the Philippines. B. Gafurov. Inostr. lit. no. 7:230-240 Jl '60.

PHILIPPINES—LITERATURE—HISTORY AND CRITICISM
In the Philippines. B. Gafurov. Inostr. lit. no. 7:230-240 Jl '60.

PHILIPPINES—POLITICS AND GOVERNMENT
Philippine Independence Day. O. Baryshnikova. Sovr. Vost. no. 7:35 Jl '60.

PHILIPPINES—SOCIAL CONDITIONS
Philippine sonnets. K. Perevoshchikov. Ogonek 38 no. 27:6-7 Jl '60.

PHILOSOPHY
Appearance and essence. Maurice Cornforth. Vop. filos. 14 no. 7:63-69 '60.
Growing contacts with foreign philosophers. N. B. Ignat'ev. Vop. filos. 14 no. 7:160-162 '60.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS
Conference of our contributors. Vop. filos. 14 no. 7: 177-180 '60.

PHILOSOPHY, BRITISH
Trakhtenberg, O. V. [Outline history of 19th century British philosophy and sociology] Ocherki po istorii filosofii i sotsiologii Anglii XIX v. [Moskva] Izd-vo Mosk. univ. 1960. 114 p.
(MH)

PHILOSOPHY, JAPANESE
A Japanese collection ("Present-day Japanese philosophers." Translated from the Japanese. Reviewed by B. P. Lavrent'ev). Vop. filos. 14 no. 7:172-176 '60.

PHLEGMON
Moiseenko, M. D. [Gastric and intestinal phlegmon] Flegmona zheludka i kishechnika. [Leningrad] Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

PHLOX see subdivision under Chu Valley

PHONOCARDIOGRAPHY see Heart—Sounds

PHONOGRAPH
Stereophonic phonograph pickup. A. Tikhonov. Radio no. 6 51-52, 59 Je '60.

PHONORECORDS
Along a thorny path. I. Faddeeva. Sov. muz. 24 no. 7: 151-158 Jl '60.
For music lovers. G. Krasnov. Vnesh. torg. 30 no. 7:41 '60.
New phonograph records, new recordings. E. D. Sov. muz. 24 no. 6:159-160 Je '60.
New records. Sov. muz. 24 no. 7:163 Jl '60.
New works of the All-Union Recording Studio. Sov. muz 24 no. 7:162 Jl '60.
Stereophonic phonograph records will be in production by 1960 A. Arshinov. Radio no 6 27 Je '60.
Stereophonic records. L. Volkov-Lannit. IUn. tekh. 4 no. 5:19-21 My '60.

PHOSPHATES
Complex fertilizers based on the decomposition of phosphates by nitric acid. S. I. Vol'fkovich, Г. G. Margolis, N. N. Poliakov. Khim. prom. no. 1:34-41 Ja-F '60.
Composition of phosphate films forming in the presence of nitrates. I. I Khain Zhur prikl. khim 33 no. 7: 1192-1494 Jl '60.
Determination of hypophosphite and phosphite in the presence of phosphate. T. D. Verbitskaia, N. K. Romanova. Zav. lab 26 no 7:818-820 '60
Effect of oxidizing agents on the inhibiting properties of phosphates. A. IA. Shatalov, I. K. Marshakov, T. A. Rubtsova. Zhur. prikl. khim. 33 no. 5 1030-1036 My '60.
Effect of the roughness of the phosphate film on the adhesion of a coat of lacquer. I I Khain Zhur prikl khim 33 no. 7 1526-1529 Jl '60.
Indicator study of the acidity of a phosphate catalyst and of its changes during the course of calcination. L. Kh. Freidlin, V. Z. Sharf. Izv. AN SSSR. Otd khim. nauk no. 6:1128-1130 Je '60.
Preparation of superphosphate from finely ground apatite concentrate D. L TSyrlin Zhur prikl. khim 33 no. 7:1477-1482 Jl '60
"Superphosphate; physicochemical principles of its production" by M. L Chepelevetskii, E B Brutskus Reviewed by M. E Pozin, B A Kopylev, D. F Zhil'tsova Zhur. prikl khim 33 no 7:1680-1681 Jl '60
Tris (triorganosilyl) phosphates. N. F. Orlov, M. G. Voronkov. Zhur. ob. khim. 30 no. 7:2223-2229 Jl '60.

PHOSPHINIC ACIDS
Analysis of aryl phosphinic acids. A. M. Lukin, G. B. Zavarikhina, N. S. Simonova. Trudy IREA no. 23:108-112 '59.
Extraction of nitric acid with the diisoamyl ester of methylphosphinic acid A. S. Solovkin. Zhur. neorg. khim. 5 no. 6:1345-1357 Je '60.

PHOSPHITES
Determination of hypophosphite and phosphite in the presence of phosphate. T. D. Verbitskaia, N. K. Romanova. Zav. lab. 26 no. 7:818-820 '60.
Organic insectofungicides. Part 61: Interaction between bis (dialkoxythiophosphono) disulfides and triaryl- and diarylphosphites. N. N. Mel'nikov, K. D. Shvetsova-Shilovskaia, M. IA. Kagan. Zhur. ob. khim. 30 no 7: 2319-2322 Jl '60.

PHOSPHONIC ACID
Diethers of N-dialkoxy- and N-diaroxyphosphinylcarbamoylphosphonic acids [with summary in English]. O. V. Kirsanov, L. P. Zhuravl'ova. Dop. AN URSR no. 4:487-489 '60.
Extraction of water with the diisoamyl ester of methylphosphonic acid. A. S. Solovkin. Zhur. neorg. khim. 5 no. 5:1107-1111 My '60.
Simple laboratory method of synthesis of di-β,β'-chloroethyl ester of vinylphosphonic acid. E. L. Gefter, P. A. Moshkin. Plast. massy no. 4:54-55 '60.

PHOSPHONOUS ACID
New method of synthesizing esters of phosphonic and thiophosphonic acids. Part 34: Addition of dialkylthiophosphorous acids and acid esters of ethyl- and phenylphosphonous acids to unsaturated hydrocarbons. A. N. Pudovik, I. V. Konovalova. Zhur. ob. khim. 30 no. 7: 2348-2352 Jl '60.

PHOSPHOPROTEINS
Lisovskaia, N. P., and N. B. Livanova. [Phosphoproteins] Fosfoproteiny. Moskva, Izd-vo Akad. nauk SSSR, 1960. 110 p.

PHOSPHORIC ACID
Complex compounds of iridium(IV) with phosphoric acid. N. K. Pshenitsyn, S. I. Ginzburg, L. G. Sal'skaia. Zhur. neorg. khim. 5 no. 4:832-841 Ap '60.
Esters of phosphoric acids with mercury-containing radicals. M. S. Malinovskii, D. G. IUrko, V. B. Tul'chinskii. Zhur. ob. khim. 30 no. 7:2170-2171 Jl '60.

PHOSPHORITES

(see also subdivision under Atasu region, Kazakhstan)

Electrostatic concentration of sylvinite and phosphorite ores. A I Angelov, IU IA Golger. Khim prom ? 168-172 Mr '60

Investigation of the possibility of separating, by flotation, a precipitate - calcium sulfate mixture obtained from Kara-Tau phosphorites. M. E. Pozin, B. A. Kopylev, R. IU. Zinluk. Trudy LTI no.56:50-61 '59

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials; handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.

No. 10. Shereshevskii, A. I. [Phosphate minerals; apatites and phosphorites] Fosfatnoe syr'e; apatity i fosfority. Nauchn. red. B. M. Gimmel'farb, 1950, 42 p.

PHOSPHOROTHIOIC ACID

Organic insectofungicides. Part 55: Synthesis of some alkylarylthiophosphoric acid hydrazides. A. G. Zen'kovich and others. Zhur. ob. khim. 30 no 7 2317-2319 Jl '60.

PHOSPHOROUS ACID

Interaction between 8-caffeinecarboxaldehyde and dialkylphosphorous acids. B. P. Lugovkin. Zhur. ob. khim. 30 no. 7:2427-2120 Jl '60.

Reactivity of the complex compounds formed by monovalent copper with esters of phosphorous acid. M. M. Azanovskaia, I. A. Davidovskaia. Zhur. neorg. khim. 5 no. 4:870-873 Ap '60.

Synthesis of esters of phosphonic acids containing heterocyclic radicals. Report No. 6: Reactions of esters of phosphorous acid with furfurole, and pyromucic and furylacrylic acids. B. A. Arbuzov, V. M. Zoroastrova. Izv. AN SSSR. Otd. khim. nauk no. 6:1040-1044 Je '60.

PHOSPHORS

Sensitized phosphorescence of halide crystallophosphors. V. IA. Kark, Ch. B. Lushchik, I. V. IAek. Opt. i spektr. 8 no. 1 144-146 Ja '60.

Stationary luminescence of phosphors in the presence of several types of traps. V. V. Antonov-Romanovskii. Opt. i spektr. 8 no. 1:75-80 Ja '60.

Temperature quenching in some organic scintillators. A. I. Kulakova, I. M. Rozman. Opt. i spektr. 8 no. 1 140-142 Ja '60.

PHOSPHORS—ELECTRIC PROPERTIES

Effect of firing on the absorption spectra and electric conductivity of the crystallophosphors NaCl-Pb and KCl-Pb. I. IA. Melik-Gaikazian, E. K. Zavadovskaia, M. N. Trenkina. Opt. i spektr. 9 no 1:83 86 Jl '60.

Photodielectric effect in the phosphor ZnS--Cu, Co. Part 1. Temperature relationships. P. I. Ramazanov. Izv. vys. ucheb. zav.; fiz. no. 3:9-18 '60.

PHOSPHORS—SPECTRA

Effect of firing on the absorption spectra and electric conductivity of the crystallophosphors NaCl-Pb and KCl-Pb. I. IA. Melik Gaikazian, E. K. Zavadovskaia, M. N. Trenkina. Opt. i spektr. 9 no. 1:83 85 Jl '60.

PHOSPHORUS

Climate and phosphorus accumulation. N. M. Strakhov. Geol. rud. mestorozh. no. 1:3-15 Ja-F '60.

Determination of the characteristics of trapping centers of crystalline phosphors. B. M. Nosenko, I. S. Rovzin, V. IA. IAskolko. Trudy SAGU no. 148:55-60 '59.

Role of electric potential differences in the transport of phosphorus (P^{32}) in onion roots. N. A. Gorlanov. Biofizika 5 no. 3 304 307 '60.

Separation of vanadium from phosphorus by electrolysis. A. S. Goncharenko, O. A. Suvorova. Zhur. prikl. khim. 33 no 7 1672-1674 Jl '60

PHOSPHORUS—ANALYSIS

Determination of microgram amounts of phosphorus in metallic chromium. A. A. Fedorov, F. V. Linkova. Zav. lab. 26 no. 5:535-536 '60.

PHOSPHORUS—ISOTOPES

Internal bremsstrahlung accompanying β-disintegration of P^{32}. K. A. Korotkov, A. M. Chernikov. Izv. AN SSSR Ser. fiz. 24 no. 7:800-802 Jl '60.

Nervous system in erythremia and its changes under the influence of radiophosphorus treatment. A. P. Dubovaia. Vrach. delo no. 7 64-69 Jl '60.

Resorption of radioactive phosphorus from the pleural cavity in pleuritis [with summary in English]. V. R. Faitel'berg-Blank. Fiziol. zhur. [Ukr.] 6 no. 2 261-266 '60.

Treatment of erythremia with radioactive phosphorus P^{32}. L. I. Popova, L. S. Siparova. Zdrav. Belor. ? no. 3 60 Mr '58

PHOSPHORUS ACIDS

Copolymerization of diethylene amides of phosphorus acids with difunctional organic compounds. N. P. Gruchkin. Dokl. AN SSSR 133 no. 3:592-593 Jl '60.

PHOSPHORUS CHLORIDES

Complexes of phosphorus pentachloride with aryl- and alkylphosphorus tetrachlorides [with summary in English]. O. V. Ivanov, H. S. Fedorova. Dop. AN URSR no. 6:801 803 '60.

Systems $SiCl_4 - PCl_3$, $SiCl_4 - POCl_3$, and $SiCl_4 - PCl_5$. I. A. Sheka, G. V. Serzhakov. Zhur. neorg. khim. 5 no. 5 1110 1115 My '60

PHOSPHORUS COMPOUNDS

Forms of phosphorus in Gray forest soils and Chernozem meadow soils of Tomsk Province. L. M. Burlakova. Izv. Sib. otd. AN SSSR no. 1:138 141 '60.

Phosphorus containing compounds are important raw materials in the plastics industry. I. I. Gefter. Plast massy no. 5 47 55 '60

PHOSPHORUS IN THE BODY

Influence of a tourniquet on the amount of phosphorus and chlorides in the blood. A. IA. Kol'berg, A. B. Syrkin, D. IA. Shargorodskaia. Uch. zap. 2 go MGMI 17:216 218 '59.

Influence of the exclusion of sympathetic innervation on the amount of glycogen and macroergic phosphorus compounds in the myocardium [with summary in English] V. A. Govyrin. Biul. eksp. biol. i med. 49 no. 1 67 69 Ja '60.

Some phosphorus compounds in the pectoral muscle of chicks infected with ascaridia, significance of metabolic products of Ascaridia galli (Schrank, 1788). N. V. Boldyreva. Trudy Gel'm. lab. 10:68 70 '60.

PHOSPHORUS METABOLISM

Effect of calcium ions on nitrogen and phosphorus metabolism in Azotobacter vinelandii [with summary in English] G. N. Zaitseva, A. N. Belozerskii, L. P. Novozhilova. Mikrobiologiia 29 no. 3 343 350 My-Je '60

Phosphorus metabolism in long term fluoride intoxication. R. D. Gabovich, V. I. Bukhovets, N. A. Ermakova. Vrach. delo no. 6:627 629 Je '60.

Role of the digestive tract in calcium and phosphorus metabolism in sheep and camels. N. V. Lomidze. Trudy Inst. fiziol. AN Kazakh SSR 3:85 ?1 '60.

Using the radioisotope of phosphorus in studying phosphorus metabolism in the ontogeny of spring wheat (Triticum vulgare Host). I. N. Kazmina. Bot. zhur. 45 no. 7:1055 1058 Jl '60

PHOSPHORUS-NICKEL ALLOYS see Nickel phosphorus alloys

PHOSPHORUS ORGANIC COMPOUNDS

Phosphororganic insecticides. Derivatives of β dicarbonyl compounds. M. I. Kabachnik and others. Zhur. ob. khim. 30 no. 7 2218 2224 Jl '60.

PHOSPHORUS OXIDE

Metastable equilibria in the system $CaO - P_2O_5 - H_2O$. M. E. Pozin, B. A. Kopylev, Van Ti-shen. Zhur. prikl. khim. 33 no 7 1462 1101 Jl '60

PHOSPHORYL CHLORIDE

Systems $SiCl_4 - PCl_3$, $SiCl_4 - POCl_3$, and $SiCl_4 - PCl_5$. I. A. Sheka, G. V. Serzhakov. Zhur. neorg. khim. 5 no. 5 1110 1115 My '60

PHOSPHOTUNGSTIC ACID

Study of the system β luteophosphotungstic acid - water by solubility and viscosity methods. I. A. Nikitina, N. A. Tsvetkov. Zhur. neorg. khim. 5 no. 6:1304 1310 Je '60.

Study of the system hexa-substituted sodium β luteophosphotungstate - water by solubility and viscosity methods. E. A. Nikitina, N. A. Tsvetkov. Zhur. neorg. khim. 5 no. 6:1311-1315 Je '60.

PHOSPHURANYLITE CRYSTALS

Similarity of the form of phosphuranylite and renardite crystals. I. N. Belova, K. I. Frolova. Zap. Vses. min. ob-va 89 no. 3:310 321 '60

PHOTOCHEMISTRY

Measuring the diffusion of sensitizing dyes in gelatine [translated from the Czech]. R. Vlček, ? Vlčková. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:307 304 My-Je '60.

Modern concepts on gelatin structure. S. M. Levi. Usp. nauch. fot. 7:120 133 '60.

Nature and formation of photographic sensitivity (based on the Mitchell theory). K. V. Chibisov. Usp. nauch. fot. 7 3 34 '60.

Optico acoustic phenomenon in the visible and ultraviolet regions of the spectrum, and its relation to photochemical processes in gases. P. I. Bresler, B. N. Rusin. Opt. i spektr. 9 no. 1:22 25 Jl '60.

PHOTOELASTICITY

Using the optical method in investigating stress distribution in specimens loaded with their own weight. V. I. Trumbachev. Rasch. na prochn. no. 5:226-245 '60.

PHOTOELECTRIC CELLS

Absolute spectral response of photocells [with summary in English] M. N. Smolkin. Inzh. fiz. zhur. no. 6 104 106 Je '60.

Effect of [illegible] photocell [illegible] Azerb [illegible]

Making differentiated [illegible]

PHOTOELECTRIC ME[illegible]

Photoelectric [illegible]

PHOTOELECTRIC MULTIPLIERS

Applying [illegible]

Blocking [illegible]

Temperature [illegible]

PHOTOELECTRIC MULTIPLIERS—[illegible]

[illegible]

PHOTOELECTRICITY

[illegible]

PHOTOGRAMMETRY

[illegible]

PHOTOGRAPHY

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[illegible]

PHOTOGRAPH[illegible]

[illegible]

PHOTOGRAPHIC [illegible]

Investigat[illegible]

Investigati[illegible]

Role of the [illegible]

PHOTOGRAPHIC [illegible] (cont.)

[illegible]

Quantitative characteristics of the latent image formed by the action of ionizing particles. A. L. Kartuzhanskii. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:221-232 My-Je '60.

Relation between the photographic and photoelectric sensitivity of the emulsion layer. L. G. Groun. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:210-220 My-Je '60.

Role of thiocyanogen ions during the chemical sensitization of photographic emulsions with gold. I. R. Protas, M. A. Kraskan, P. I. Zhdanenkova. Usp. nauch. fot. 7:87-95 '60.

Searching for ways to improve the structural and mechanical properties of photographic layers for nuclear investigations. V. M. Ivanova, V. A. Myl'tseva. Usp. nauch. fot. 7:150-160 '60.

Studying the effect of sodium thiosulfate on photographic properties of gold sensitized emulsions. I. A. Novikov, N. S. Gaforova. Usp. nauch. fot. 7:86-102 '60.

PHOTOGRAPHIC INTERPRETATION

Structural analysis of steppe and semidesert land forms based on materials from aerial photography. V. A. Nikolaev. Vest. Mosk. un. Ser. 5 Geog. 15 no. 3:16-21 My-Je '60.

PHOTOGRAPHIC OPTICS

(see also subdivision under Germany, East)

Take good care of photographic lenses. G. Doktorov. Sov. foto 20 no. 6:35 Je '60.

PHOTOGRAPHIC SENSITOMETRY

Measuring the diffusion of sensitizing dyes in gelatine [translated from the Czech]. J. Vlček, S. Vlčková. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:187-194 My-Je '60.

Polarizing absorption spectra of some cyanine sensitizing dyes. K. S. Lialikov, I. V. Semenchenko. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:161-167 My-Je '60.

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHS see subdivision under Moscow

PHOTOGRAPHS—CONSERVATION AND RESTORATION

Story of a photograph which through the Balkans. I. Aksel'rod. Sov. foto 20 no. 2:46 F '60.

PHOTOGRAPHY

(see also subdivision under Czechoslovakia)

Answering readers' queries. Sov. foto 20 no. 7:37 Jl '60.

Artistic photography in the service of peace and friendship. P. Vishniakov. Sov. foto 20 no. 6:1 Je '60.

At the chessboard. B. Vel'tsin. Sov. foto 20 no. 6:20 Je '60.

Bibliography and criticism ("Young amateur photographer" by D. Bunimovich. Reviewed by V. Fedulov). Sov. foto 20 no. 2:46 F '60.

Dyko, L. P., and E. A. Iofis. [Photography, technology and art] Fotografiia, ee tekhnika i iskusstvo. Moskva, Gos. izd-vo "Iskusstvo," 1960. 494 p.

From pages of foreign journals. Sov. foto 20 no. 6:36 Je '60.

Graininess of photographic images. V. Romer. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:225-230 My-Je '60.

Let's argue! L. Dyko, D. Bal'termants. Sov. foto 20 no. 7:34 Jl '60.

Let's talk about your snapshots. Sov. foto 20 no. 7:18 Jl '60.

Life's smiles. I. Lench. Sov. foto 20 no. 3:44-45 Mr '60.

New books on photography and motion pictures. IU. Znamenskii. Shkola i proizv. 4 no. 6:89-90 Je '60.

Sketchbook with a blue eye. V. Zakharchenko. Sov. foto 20 no. 3:20-21 Mr '60.

Photography and the feeling of the nature. K. Timiriazev. Sov. foto 20 no. 6:40-41 Je '60.

Reflections of beauty. IU. Lepinskii. Sov. foto 20 no. 3: 8-9 Mr '60.

"Works on physics" by T. P. Kravets. Reviewed by E. A. Kirillov. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:240 My-Je '60.

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—COMPETITIONS

Honor awards for soviet photographers. IU. Khodshaev. Sov. foto 20 no. 5:48 My '60.

In Bordeaux and in Warrnambool. Sov. foto 20 no. 7:44 Jl '60.

PHOTOGRAPHY—CONGRESSES

"Interpress-photography 1960." Sov. foto 20 no. 5:34 My '60.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Conservation of developers. G. D. Lilovchenko, S. A. Pshetsina. Usp. nauch. fot. 7:253-255 '60.

Developer acting as a sensitizer. V. Abritalin. Sov. foto 20 no. 7:35 Jl '60.

Developer in tablet form. G. Daratuganov, V. Rul'. Sov. foto 20 no. 3:39 Mr '60.

How to develop films. Sov. foto 20 no. 5:31-32 My '60.

ment. Part 5. Some methodological problems in determining the energy of activation in the development of photographic layers. V. I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:173-182 My-Je '60.

Investigating the local effects of development and how they affect the quality of the motion-picture image. IU. I. Bakin. Usp. nauch. fot. 7:219-229 '60.

Photographic processing of colored photographic paper. A. N. Uspenskii. Geod. i kart. no. 6:53-56 Je '60.

"Watkins factor." V. Abritalin. Sov. foto 20 no. 3:35-36 Mr '60.

PHOTOGRAPHY—ENLARGING

Attachment for enlarging. V. Dol'skii, B. Podkamenskii. Sov. foto 20 no. 6:33 Je '60.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Drop proportioner for the synthesis of nuclear emulsions. O. P. Grigor'ev, L. I. Shur. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:223-224 My-Je '60.

Encounters in photographic shops. V. Petrov. Sov. foto 20 no. 6:42 Je '60.

How to rebuild the "Leningrad" enlarger. R. Zaboronok. Sov. foto 20 no. 2:36 F '60.

Laboratory equipment. A. Usachov. Tekh. mol. 28 no. 6:26 '60.

"Leningrad-2", a new exposure meter. V. Chudnov. Sov. foto 20 no. 7:28 Jl '60.

Refrigerating installation for washing bromogelatin photographic plates. S. P. Levashov, F. K. Chernoshtan, B. N. Loktev. Geod. i kart. no. 5:60-71 My '60.

Voltage regulator. IU. Veselov. Sov. foto 20 no. 3:33 Mr '60.

When will the amateur photograph be able to obtain all necessary supplies? A. Tikhomirov. Sov. foto 20 no. 7:35 Jl '60.

PHOTOGRAPHY—EXHIBITIONS

(see also subdivision under Dubna; Moscow; White Russia)

Congratulating the members of the photography exhibition "Seven-year plan in action." Sov. foto 20 no. 5:12 My '60.

From a "shelf" to the "TU-114" turboliner. Sov. foto 20 no. 7:44 Jl '60.

Handing out diplomas to the participants of the "Seven-Year Plan in Action" Exhibition. Sov. foto 20 no. 6:11 Je '60.

"Harvest masters." Sov. foto 20 no. 7:9-10 Jl '60.

Inexhaustible treasure-trove. N. Danilov. Sov. foto 20 no. 7:1 Jl '60.

"Interpress-photography 1960." Sov. foto 20 no. 5:34 My '60.

Letter from the German Democratic Republic. W. Hellig. Sov. foto 20 no. 6:9-10 Je '60.

Our contemporary. M. Bugaeva. Sov. pech. no. 6:17-19 Je '60.

Photography exhibition in a factory. I. Soloznev. Sov. foto 20 no. 3:28-29 F '60.

Portraits of our contemporaries. V. Mikosha. Sov. foto 20 no. 5:30-31 My '60.

Present day trends. E. Riabchikov. Sov. foto 20 no. 2: 2-4 F '60.

Promoting creativeness and skill. N. Zhukov. Sov. foto 20 no. 2:5 F '60.

Seven year plan in action. Sov. foto 20 no. 2:1 F '60.

Under the flags of thirty countries. S. Shatskov. Sov. pech. no. 6:55-57 Je '60.

Young people's fruitful search for new ways. S. Fridliand. Sov. foto 20 no. 6:7-8 Je '60.

PHOTOGRAPHY—EXPOSURE

"Leningrad-2", a new exposure meter. V. Chudnov. Sov. foto 20 no. 7:28 Jl '60.

PHOTOGRAPHY—FILMS

(see also subdivison under Germany, East)

Influence of storage conditions on the properties of photographic film. A. T. Zheludov. Sbor. nauch. rab. Len. inst. sov. torg. no. 16:69-71 '59.

Light sensitivity of photographic films. V. Sheberstov. Sov. foto 20 no. 6:31 Je '60.

PHOTOGRAPHY—FIXING

Use of various fixing solutions in the processes introduced by the Scientific Research Institute of Motion Pictures and Photography. N. I. Kirillov, A. M. Voitsekhovskaia, N. E. Kirillova. Usp. nauch. fot. 7:230-236 '60.

PHOTOGRAPHY—LIGHT FILTERS

"Diffusion" light filters. V. Popov. Sov. foto 20 no. 3:34 Mr '60.

Grey light filters. F. Plainitskii. Sov. foto 20 no. 2:32-33 F '60.

PHOTOGRAPHY—NEGATIVES

Intensifying small negatives. S. Shimanskii. Sov. foto 20 no. 2:33-34 F '60.

PHOTOGRAPHY—PORTRAITS

(see also subdivision under Latvia)

Portrait of our contemporary. G. Vail'. Sov. foto 20 no. 6:4-5 Je '60.

PHOTOGRAPHY—PRINTING PAPERS

Color printing. M. Likhtshtinder. Sov. foto 20 no. 7:33 Jl '60.

Investigating changes in the quality of the photographic image during printing. I. B. Blumberg, T. M. Ziazina, G. I. Teregulov. Tekh. kino i telev. 4 no. 7:10-18 Jl '60.

PHOTOGRAPHY—REPRODUCTION OF PLANS, DRAWINGS, ETC.

Optical transformer. H. Scharffenberg. Sov. foto 20 no. 7:37 Jl '60.

PHOTOGRAPHY—RETOUCHING

Retouching by means of lampblack. E. Bialyi. Sov. foto 20 no. 2:40 F '60.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Among rocks and sand. D. Shcherbakov. Sov. foto 20 no. 2:30-31 F '60.

International Colloquium on Scientific Photography. K. V. Chibisov. Zhur. nauch. i prikl. fot. i kin. 5 no. 3:234-238 My-Je '60.

Photograph of the decay of an atomic nucleus. N. Khorunzhii. Sov. foto 20 no. 3:10-13 Mr '60.

PHOTOGRAPHY—SOCIETIES, ETC.

Our "Thursday meetings." Sov. foto 20 no. 7:11 Jl '60.

PHOTOGRAPHY—STUDIOS AND DARK ROOMS—LIGHTING

Luminescent light for photographic reproduction procedures. I. A. P'iankov. Geod. i kart. no. 5:60-62 My '60.

PHOTOGRAPHY—STUDY AND TEACHING

Provide for a professional education for photographers. M. Doroshevich. Sov. foto 20 no. 2:23 F '60.

Response to the speech of E. I. Afanasenko, Minister of Education of the U.S.S.R. Sov. foto 20 no. 6:19 Je '60.

PHOTOGRAPHY, AERIAL

Assembly of aerial photos taken at high altitudes. A. Ochered'ko. Grazhd. av. 17 no. 5:18 My '60.

In the Interdepartmental Committee on Aerial Photography. D. M. Kudritskii. Izv. AN SSSR. Ser. geog. no. 4:138-139 Jl-Ag '60.

Over Riga. G. Akmolinskii. Sov. foto 20 no. 3:42 Mr '60.

PHOTOGRAPHY, ARTISTIC

(see also subdivision under Hungary)

Bucharest receives guests. Mirchi Deak. Sov. foto 20 no. 7:38-39 Jl '60.

My friends and comrades. S. Borzenko. Sov. foto 20 no. 2:21-22 F '60.

Painter E. Kibrik is wrong. G. Fridman. Sov. foto 20 no. 5:45 My '60.

Winter. Sov. foto 20 no. 2:17-20 F '60.

PHOTOGRAPHY, ARTISTIC—EXHIBITIONS

Annals of our life. L. Dyko. Ukraina no. 15:6-7 Ag '60.

PHOTOGRAPHY, BIOLOGICAL

Macrophotography of zoological material with the use of a photographic enlarger [with summary in English]. A. V. IAblokov. Zool. zhur. 39 no. 6:933-934 Je '60.

PHOTOGRAPHY, CLOSE-UP

Minenkov, I. B. [Close-up photography] Makrofotografiia. Moskva, Gos. izd-vo "Iskusstvo," 1960. 175 p.

PHOTOGRAPHY, FLASHLIGHT—EQUIPMENT AND SUPPLIES

Directions of the development of electronic flashlights. I. Marshak. Sov. foto 20 no. 7:29 Jl '60.

Improving the "FII" flashlamp. A. Efremov. Sov. foto 20 no. 2:38 F '60.

"Luch-59" flashlamp. IU. Vasil'ev. Sov. foto 20 no. 2:35 F '60.

PHOTOGRAPHY, HIGH-SPEED—LIGHTING

Light sources and shutters for high-speed regular and motion-picture photography. V. G. Pell'. Tekh. kino i telev. 4 no. 6:79-86 Je '60.

PHOTOGRAPHY, JOURNALISTIC

Behind the wording of a great plan. E. Evzerikhin. Sov. foto 20 no. 7:7-8 Jl '60.

Cities, streets, people. N. Kozlovskii. Sov. foto 20 no. 5:40-43 My '60.

Galina San'ko takes pictures. IA. Gik. Sov. foto 20 no. 3:16-19 Mr '60.

Let's create photographic publicity for the seven-year plan. E. Riabchikov. Sov. foto 20 no. 6:14-15 Je '60.

Make a photographic chronicle of our heroic days. Sov. pech. no. 6:11-17 Je '60.

Party's assistants. Sov. foto 20 no. 5:1 My '60.

Report on Siberia. M. Trakhman. Sov. foto 20 no. 2:6-10 F '60.

Road to mastery. D. Dmitriev, IU. Kotler. IUn. tekh. 4 no. 5:7 My '60.

Seven days of the seven-year plan. E. Vorob'ev. Sov. foto 20 no. 7:22-23 Jl '60.

PHOTOGRAPHY, JOURNALISTIC—EQUIPMENT AND SUPPLIES

News photographer's kit. I. Krasikov Sov foto 20 no 5 30 My '60

PHOTOGRAPHY, JOURNALISTIC—STUDY AND TEACHING

Is this adequate training for news photographers? G. Volchek. Sov. foto 20 no 2:24 F '60.

PHOTOGRAPHY, MEDICAL

Doctor's ally L. Kvasnikova Sov. foto 20 no 6 43 Je '60

PHOTOGRAPHY, PANORAMIC

[Panoramic motion pictures] Panoramnyi kinematograf. Moskva, Gos. izd-vo "Iskusstvo," 1959. 30 p.

PHOTOGRAPHY, PARTICLE TRACK

Angular distribution of the decay products of $\Sigma^{\pm}$-hyperons, formed by protons in a photographic emulsion L P Dzhanelidze and others. Zhur eksp i teor fiz 38 no 3 1004-1005 Mr '60.

Density fluctuations of charged particle tracks in nuclear emulsions K S. Bogomolov, Zhur nauch i prikl. fot i kin. 5 no 3 168-172 My-Je '60.

Element composition of nuclear photographic emulsions M F Rodicheva. Usp. nauch fot 7·178-182 '60

Electronic photography of proton beams V M. Golovin and others. Zhur. nauch. i prikl. fot i kin 5 no 3 207-208 My-Je '60.

Searching for ways to improve the structural and mechanical properties of photographic layers for nuclear investigations V M. Uvarova, V A Myl'tseva Usp nauch fot 7,150-160 '60

PHOTOGRAPHY, STEREOSCOPIC

Forgotten attraction. F. Rabiza. Tekh. mol. 28 no. 6 37 '60.

Stereoscopic photography. N. Sofronov. Sov. foto 20 no. 2 34 F '60

Stereoscopic photomicrography of foraminifers. V. V. Krivoborskii. Trudy VNIGRI no. 153·327-339 '60.

PHOTOGRAPHY, UNDERWATER—EQUIPMENT AND SUPPLIES

Boxes for underwater photography. A. Massarskii, Sov. foto 20 no. 3:28-29 Mr '60.

PHOTOGRAPHY OF CHILDREN

(see also subdivision under Finland; United States)

IUrii Chernyshev's snapshots N. Zhukov. Sov. foto 20 no 6 17 Je '60

PHOTOGRAPHY OF MOUNTAINS

Advice of an alpinist V Shul'ga Sov foto 20 no 6·26-27 Je '60

PHOTOGRAPHY OF NATURE see Nature photography

PHOTOGRAPHY OF SPORTS

Let's talk about your snapshots. L. Dorenskii Sov foto 20 no. 6:25 Je '60

Skiers at the start. L. Dorenskii. Sov. foto 20 no. 2 27-29 F '60.

Still and motion-picture cameras as helpers in sports coaching. O. Stukolov. Sov. foto 20 no. 7:46 Jl '60.

Together with the young. N. Tarasov Sov foto 20 no 5 44 My '60.

PHOTOGRAPHY OF SPORTS—EXHIBITIONS

Soviet sports in art photography Sov foto 20 no. 6·12 Je '60.

PHOTOMECHANICAL PROCESSES

Using the method of "masking" in zincography. V V. Polzik Poligr. proizv no 6 20 Je '60

PHOTOMECHANICAL PROCESSES—EQUIPMENT AND SUPPLIES

Developing apparatus. A. V. Pozdniakov. Mashinostroitel' no 7:33 Jl '60.

PHOTOMETERS

Electron photometer for colorimetric analysis E V. Vasilevskii, I G. Grinman, V. M Oshchenskii Zav lab. 26 no. 5 630-632 '60

High-sensitivity modulation photometer. A. IU. Borisov. Opt. i spektr. 9 no. 1·115-116 Jl '60.

Instruments for the automatic control of the transparency of filtered beer (survey). IU. D. Serper. Spirt. prom. 26 no. 5 22-23 '60.

PHOTOMETRY

Problems and methods of absolute photometry of noctilucent clouds [with summary in English]. V. V. Sharonov. Nek. probl meteor. no. 1:124-140 '60.

PHOTOMETRY, ASTRONOMICAL

Photometric uniformity of the moon's surface N. P Barabashov and others. Izv Kom po fiz plan no 1 67-79 '59

PHOTOMICROGRAPHY

Stereoscopic photomicrography of foraminifers. V. V. Krivoborskii. Trudy VNIGRI no. 153:327-339 '60.

PHOTON ROCKETS

But there should be a solution! A Dmitriev. Znan. sila 35 no 7 34-35 Jl '60

Not by photon rockets. V. Smilga. Znan. sila 35 no. 7. 31-33 Jl '60

PHOTONS

Single-photon annihilation and formation of electron pairs in a medium [with summary in English] G. S Saakian Zhur eksp i teor fiz 38 no 5 1593-1596 My '60

Using quantum field theory methods for the investigation of the thermodynamic properties of electron and photon gases [with summary in English]. I. A. Akhiezer, S. V. Peletminskii. Zhur. eksp. i teor. fiz. 38 no. 6 1829-1839 Je '60.

PHOTONUCLEAR REACTIONS

Studying the energy dependence of photonuclear interaction cross sections by means of a synchrotron R G Vasil'kov, B B. Govorkov, A V Kutsenko Prib i tekh eksp. no 2 23-26 Mr-Ap '60

PHOTOPERIODISM

Significance of the length of the photoperiod for the development of Pediastrum. L. M. Ermolaeva. Bot. zhur. 45 no. 7 1069-1073 Jl '60.

PHOTOSYNTHESIS

Relation of chlorophyll replacement to photosynthesis. A. A. Shlyk and others. Biul. Inst. biol. AN BSSR no. 3: 106-110 '58.

PHOTOTELEGRAPHY

Transmission of phototelegraph communications by use of statistical coding. V A. Garmash. Probl pered inform no 5 75-82 '60

PHOTOTROPISM

Relation between phototaxis in some crustaceans and the state of sulfydryl groups in some protein bodies [with summary in English]. N. A. Smirnova. Zool. zhur. 39 no. 7·1012-1017 Jl '60.

PHTHALIC ANHYDRIDE

Characteristics of the catalytic oxidation of naphthalene. Part 1 Kinetics of oxidation of phthalic anhydride on a vanadium oxide catalyst. V. IA. Vol'fson, G. P. Kornetchuk, V. A. Roiter. Ukr. khim. zhur. 26 no. 3: 305-313 '60.

Preparation of "distillate naphthalene" for the production of phthalic anhydride. V. E. Privalov and others. Koks i khim. no. 7·50-56 '60.

Role of mass transfer processes in the catalytic oxidation of naphthalene into phthalic anhydride. M. S. Slin'ko. Khim. prom. no. 1:24-25 Ja-F '60.

Synthesis of tetrachlorophthalic anhydride. D. Sh. Rozina, L. I. Gracheva. Trudy IREA no. 23:74-78 '59.

PHTHALIMIDE—SPECTRA

Effect of contaminant gases on the intensity of the electron absorption of 3-dimethylamino-6-aminophthalimide vapors. S. O. Mirumiants, B. S. Neporent. Opt. i spektr. 9 no. 1:7-15 Jl '60.

PHYLLOXERA

Effect of hexachlorobutadiene on the phylloxera of the grapevine L M Kogan, IA I. Prints Dokl. AN SSSR 133 no 1 246-248 Jl '60

PHYLOGENY

Evolution rate of hamsters (Cricetinae) and some factors determining it N. N. Vorontsov. Dokl. AN SSSR 133 no. 4 980-983 Ag '60.

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Ukraine; Voronezh Province)

Demeter, G. S. [Lenin on physical education and the protection of workers' health] Lenin ob okhrane zdorov'ia trudiashchikhsia i fizicheskoi kul'ture. Moskva, Gos. izd-vo "Fizkul'tura sport," 1960. 71 p.

Moroz, R. P. [Develop your strength; exercises with dumbbells, weights, chest pull, and exerciser] Razvivaite silu, uprazhneniia s ganteliami, giriami, espanderom i rezinovym amortizatorom. Izd. 3. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 70 p.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING

Increase the number of community instructors in physical education N Khromov, N Korshakov. Sov. profsoiuzy 16 no 9 52-53 My '60

PHYSICAL EDUCATION FOR CHILDREN

Development of spatial differentiation in primary school pupils during physical education classes A S Revzon Dokl APN no 1 99-100 '60

Gandel'sman, A. B., and K. M. Smirnov. [Physical education for children of school age, medical and biological principles] Fizicheskoe vospitanie detei shkol'nogo vozrasta, mediko-biologicheskie osnovy. Moskva, Gos. izd-vo "Fizkul'tura i sport," 1960. 285 p.

PHYSICAL GEOGRAPHY

(see also subdivision under Amga Valley, Donets Ridge; Golodnaya Steppe; Ili District, Ili Valley, Imantau region, Kazakhstan; Moscow Province, Tien Shan, Turgay Valley, Uzboy)

Elements of the morphometric analysis of river valleys. I. V. Buslaev, N. S. Kalachev. Izv AN Kazakh. SSR. Ser. energ. no. 2:3-14 '60.

Gvozdetskii, N. A., ed. [Physical geography of the U. S. S. R.; selected lectures for correspondence students of geography faculties of state universities] Fizicheskaia geografiia SSSR; izbrannye lektsii dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ.
Vol. 3. 1959.
(MH)

PHYSICAL LABORATORIES—EQUIPMENT AND SUPPLIES

New apparatus for studying the properties of electromagnetic waves. N. M. Shakhmaev. Dokl. APN no. 4· 23-26 '59.

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

(see also subdivision under Ukraine)

Physical therapy is necessary for prosthesis. E. Ivanenkova. Sots. obesp. 21 no. 6:46-47 Je '60.

Physical therapy methods in the complex treatment of acute suppurative diseases of the maxillofacial region. IU. F. Semenenko. Vrach delo no. 6,611-614 Je '60.

Physical therapy of inflammatory diseases of the female generative organs. S. M. Malysheva. Sov. zdrav. Kirg. no. 1:45-49 Ja-F '58

PHYSICALLY HANDICAPPED

Good deeds of good people. Sots. obesp. 21 no. 6:30-41 Je '60.

PHYSICALLY HANDICAPPED—REHABILITATION

A man writes to a man Ivan Sidel'nikov. Ogonek 38 no 22 17-18 My '60

PHYSICALLY HANDICAPPED—STATISTICS

Disability and its indices (to be concluded) A Tret'iakov. Sots. obesp 21 no 5·24-27 My '60

Disability and its indices (conclusion). A. Tret'iakov. Sots. obesp. 21 no. 6:25-29 Je '60.

PHYSICALLY HANDICAPPED CHILDREN—REHABILITATION

The problem of restorative therapy for children can be solved in the nearest future L. Rukhman. Sots obesp 21 no 5 36-38 My '60.

PHYSICIANS

Editor's mail Sots obesp. 21 no. 5·27 My '60

PHYSICIANS, WHITE RUSSIAN

Rural physician. Belarus' 17 no 7:5 Jl '60

PHYSICS

Cherenkov, P. A., I. E. Tamm, and I. M. Frank. [Nobel lectures] Nobelevskie lektsii. Moskva, Gos. izd-vo fiziko fiziko-matem. lit-ry, 1960. 73 p.

PHYSICS—ABSTRACTS

[Physics; abstracts nos. 18771-21830.] Referativnyi zhurnal: Fizika no. 8 Ag '60.

[Physics; author index, 1956] Ref. zhur.: Fiz.; avtorskii ukazatel', 1956.

PHYSICS—BIBLIOGRAPHY see Bibliography—Physics

PHYSICS—DICTIONARIES

Turusbekov, M. [Dictionary of physics terminology] Fizikalyk terminderdin sozdugu; doolboor. Slovar' fizicheskikh terminov, proekt. Frunze, Akad. nauk Kirgizskoi SSR. Terminologicheskaia komissiia, 1960. 190 p.

PHYSICS—PHILOSOPHY

Karliuk, A. S. [Struggle between materialism and idealism in Russian physics; the second half of the 19th and the beginning of the 20th century] Bor'ba materializma-idealizma v otechestvennoi fizike; II polovina XIX i nachalo XX vv. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1959. 1 v.
(CU)

PHYSICS—PROBLEMS, EXERCISES, ETC.

Problems in physics with incomplete data. S. U. Goncharenko. Obshcheobr. shkola vzrosl. no. 1:60-70 Ja-F '60.

Saulit, V. R., and V. IU. Padalko. [How to prepare for entrance examinations in institutions of higher learning; physics] Kak gotovit'sia k priemnym ekzamenam v VUZ; fizika. [Leningrad] Izd-vo Leningr. univ., 1960. 261 p.

PHYSICS—STUDY AND TEACHING

(see also subdivision under Moscow)

El'manovich, S. S. [Scientific and atheistic training in physics lessons] Nauchno-ateisticheskoe vospitanie na urokakh fiziki. Moskva, Gos. uchebno-pedagog. Izd-vo M-va prosv. RSFSR, 1959. 101 p.

Plan of a physics course in a secondary technical school. V.F.IUs'kovich. Dokl. APN no. 4:17-22 '59.

Raising vocational qualifications of students during physics lessons. N.P. Chudinov. Obshcheobr. shkola vzrosl. no. 1:61-64 Ja-F '60.

Reznikov, L. I., E. E. Evenchik, and V. F. IUs'kovich. [Methods of teaching physics in secondary schools] Metodika prepodavaniia fiziki v srednei shkole. Pod red. D. M. IAvorskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR. (Pedagogicheskaia biblioteka uchitelia)

Vol. 2. [Mechanics (continuation), molecular physics and heat] Mekhanika (prodolzhenie), molekuliarnaia fizika i teplota. 1960. 405 p.

PHYSICS—TERMINOLOGY

Study textbooks on popular scientific literature on physics in the Uzbek language during the 40 years of Soviet power (1917 to 1957). A. A. Samigdzhanov. Trudy SAGU no. 148;09-115 '50.

PHYSIOLOGICAL APPARATUS

Determination of pH with the antimony microelectrode G. A. Kurella, G. A. Popov. Biofizika 5 no. 3,373-375 '60

Makarov, P.O., ed. [Adequatometry] Adekvatometriia. [Leningrad] Medgiz 1958. 255 p.
(DNLM)

PHYSIOLOGICAL CHEMISTRY

Khesin, R. B. [Biochemistry of the cytoplasm] Biokhimiia tsitoplazmy Moskva, Izd-vo Akad. nauk SSSR, 1960. 288 p.

PHYSIOLOGICAL CHEMISTRY—LABORATORY MANUALS

Lempert, M.D. [Biochemical research methods; manual for medical laboratory workers] Biokhimicheskie metody issledovaniia; rukovodstvo dlia meditsinskikh laborantov. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1960. 109 p.

PHYSIOLOGICAL LABORATORIES see subdivision under Pavlovo (Leningrad Province)

PHYSIOLOGICAL THERAPEUTICS see Therapeutics, Physiological

PHYSIOLOGY

(see also subdivision under Azerbaijan; Ukraine)

Creative development of physiology. O. F. Makarchenko. Fiziol. zhur. [Ukr.] 6 no. 2:153-158 '60.

Garib'ian, R. G., and N. G. Markov. [Human anatomy and physiology; a textbook for the 8th grade in secondary schools] Anatomiia i fiziologiia cheloveka; uchebnik dlia 8 klassa srednei shkoly. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 208 p.
(NhD)

Laboratory of life. Anatolii Shvarts. V zashch. mira no. 7:80-88 Je '60.

Lomonosov Lectures in the Section of Agriculture and Biology. E. A. Dmitriev, S. N. Antonov. Vest. Mosk. un. Ser. 6; Biol., pochv. 15 no. 3;76-78 My-Je '60.

Razenkov, I. P. [Selected works] Izbrannye trudy. Moskva, Medgiz, 1959. 1 v.
(DNLM)

PHYSIOLOGY—CONGRESSES

Conference on problems in the physiology of fatigue and restorative processes. N. I. Vakoliuk. Fiziol. zhur. [Ukr.] 6 no. 3,427-128 My-Je '60.

Twenty-first International Congress of Physiology. P. H. Kostiuk. Fiziol. zhur. [Ukr.] 6 no. 2:276-279 '60.

PHYSIOLOGY—STUDY AND TEACHING

Independent work of students in the course on human anatomy and physiology. E A. Sokolova. Dokl APN no. 2,13-16 '60.

PHYSIOLOGY, PATHOLOGICAL

Hordienko, A. N. [Pathological physiology] Patolohichna fiziolohiia. Kyiv, [Derzhmedvydav] URSR, 1958. 374 p.
(DNLM)

PHYTOGEOGRAPHY

(see also subdivision under Baltic Sea region, Georgia; Poland; Pskov Province; Saare Island; Susamyr Valley)

Comments on a review of B. A. Bykov's "Geobotany" in a Parisian journal. M. I. Godvinskii. Vest. AN Kazakh. SSR 16 no. 6:87 Je '60.

Manual of geobotanical research ("Field geobotany," Vol. 1. Reviewed by V. N. Sukachev). Vest. AN SSSR 30 no. 7:118-110 Jl '60.

PHYTOGEOGRAPHY—MAPS see subdivision under Kazakhstan

PHYTONCIDES see subdivision under Azerbaijan

PHYTOPLANKTON see subdivision under Atlantic Ocean

PHYTOSOCIOLOGY

Some data on experimental study of syngenesis in meadows [with summary in English]. T. A. Rabotnov. Biul. MOIP. Otd. biol. 65 no. 3,63-76 My-Je '60.

System of diagnostic characters of vegetation units [with summary in English]. G. I. Dokhman. Bot. zhur. 45 no. 5:637-648 My '60.

Vital state of species in a plant community [with summary in English]. A. A. Uranov Biul. MOIP. Otd biol. 65 no. 3;77-92 My-Je '60.

PIANO—VIBRATION

Experimental investigation of vibrations of soundboards of upright pianos. B.A. Ershov, A.IU. L'vovich. Uch. zap. LGU no. 280:15-24 '60.

PICTURE FRAMES AND FRAMING

How to make a frame for a snapshot out of old copybooks. I.M.Matukhin. Nach. shkola 28 no. 6 81 Je '60.

PIERS see subdivision under Novorossiysk

PIEZOELECTRIC SUBSTANCES

Some problems pertaining to the crystal chemistry of piezoelectrics. I. S. Rez. Kristallografiia 5 no. 1: 63-70 Ja-F '60.

PIEZOMETER

Nonfreezing liquid piezometer. N. P. Blinov. Gidr. stroi. 30 no. 6:18-49 Je '60.

PIKAS

(see also subdivision under Kaylastuy, Tuva Autonomous Province)

Control of the Daurian pika and its ectoparasites by saturating its burrow with calcium arsenite V.E.Rodd, I.A. Guzhevnikov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16,230-243 '57.

PIKAS—PARASITES see Parasites—Pikas

PILING (CIVIL ENGINEERING)

Economic effectiveness of using vibration methods in constructing sheet-pile walls. I. N. Steletskaia. Osn., fund. i mekh. grun. 2 no. 3:19-20 '60.

The MZS-13 machine for driving in screw piles. D. A. Shalman. Stroi. i dor. mashinostr. 5 no. 7:18-20 Jl '60.

Piles for high gratings. V. I. Skrynnikov. Avt. dor. 23 no. 7:9-10 Jl '60.

"Using vibration methods in construction" by D. D. Barkan. Reviewed by A. S. Golovachev. Osn., fund. i mekh. grun 2 no. 3 30-31 '60.

PILING (CIVIL ENGINEERING)—EQUIPMENT AND SUPPLIES

Testing the mounted S-533 pile driver. D. V. Goncharov. Stroi. i dor. mashinostr. 5 no. 7:24-25 Jl '60.

PINACOLS

Aromatic hydrocarbons. Part 15: Pinacones in the diene synthesis. V. R. Skvarchenko, Lin Veen-Lian', R. IA. Levina. Zhur. ob. khim. 30 no. 7:2141-2145 Jl '60.

PINE

(see also subdivision under Crimean Mountains, Finland; Sayan Mountains; Ural Mountains)

Environmental factors affecting the germination of pine seeds and the development of seedlings in sphagnous pinewoods as related to drainage V G Rubtsov. Bot zhur. 45 no 6 895-900 Je '60

Forms of pine in the experimental arboretum of the Siberian Branch of the Academy of Sciences of the U. S. S. R. G. F. Privalov. Izv. Sib. otd. AN SSSR no. 5: 88-92 '60.

Lengthening the life expectancy of pine trees. I. N. Balbyshev. Put' i put. khoz. 4 no 8:34-35 Ag '60.

PINE—DISEASES AND PESTS

Effect of injuries produced by the flat bug Aradus cinnamomeus Panz. on the pine [with summary in English]. V.F.Razumova. Zool. zhur. 39 no. 6;848-857 Je '60.

PINENE

Acaricidic properties of polychlorpinene. P. I. Teslenko, K. V. Fedorov, P. G. Briukhanskii. Voen.-med. zhur. no. 6;84 Je '60.

PINENE—TOXICOLOGY

Cases of intoxication from polychloropinene in farming. G.A. Voitenko, E.P.Krasniuk, L.A.Zaritskaia. Vrach. delo no. 7 101-104 Jl '60.

PINSK DISTRICT—COMMUNIST YOUTH LEAGUE

When we finish our work. I. Borichevskii Mol. komm no 7 73-74 Jl '60

PIONEERS (COMMUNIST YOUTH)

(see also subdivision under Mongolia, Ulan Bator; White Russia)

Colorfulness and entertainment in work with Pioneers. A.A.Konina. Nach. shkola 28 no. 6 61-64 Je '60.

Follow-up on published letters Sem'ia i shkola 15 no 5 48 My '60

How to develop the organizational abilities of the Pioneer A.O. Ploiys'kyi. Rad. shk. 39 no. 7:80-83 Jl '60.

May, 1960. IUn. tekh. 4 no. 5:1-2 My '60.

Use of Pioneer symbols in the schools for the deaf-mute T V. Khanutina Uch zap Ped inst Gerts 171 145-166 '59

With Junior Pioneers in a camp. L.A.Chubarov. Nach. shkola 28 no. 6 52-60 Je '60.

PIONERSKAYA STATION (ANTARCTICA)—METEOROLOGY

Natural characteristics of the Pionerskaya Station region as the southern periphery of the catabatic winds of Antarctica V M. Kotliakov Izv AN SSSR Ser geog no 4 63-72 Jl-Ag '60

PIPE

Device for turning pipes. T.Kh.Abramian. Neftianik 5 no. 6;23 Je '60.

Hydraulic losses due to friction in pipes made from modeling clay. A. G. Averkiev Izv. VNIIG 59 200-205 '58.

Saving metal in manufacturing parts of sanitary-engineering installations V. Obvintsev. Stroi i arkhit. 8 no. 7 25-26 Jl '60.

Uses of lined pipes. D. F. Kagan, G. I. Shapiro, G. G. Gusev. Khim. mash. no. 4,34-36 Jl-Ag '60.

PIPE—CLEANING

Mechanic N.E.Durasov's cleaning devices. A.D.Golikov. Neftianik 5 no. 6:20-21 Je '60.

The OML-12 and IML-7 machines for cleaning and insulating large-diameter pipes. G. T. IAroslavskii. Biul. tekh.-ekon. inform no 7 62-65 '60.

PIPE—CORROSION

The OML-12 and IML-7 machines for cleaning and insulating large-diameter pipes. G T IAroslavskii. Biul tekh.-ekon inform. no 7,62-65 '60.

PIPE—HYDRODYNAMICS

Determining the hydraulic resistance coefficient for turbulent nonisothermal flow of a liquid in "smooth" pipes IU V Kvitkovskii Trudy MIIT no 107 3-10 '60

Free convection in a tube rotating around an axis. I. E. Tarapov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 3,171-175 My-Je '60.

Nonstationary flow of an idea gas in a pipe with variable cross section. A.A.Grib. Uch. zap. LGU no. 280 197-237 '60.

PIPE—TESTING

Accuracy in evaluating the deformation tendency of pipe welds during flattening tests. IU. A. Mednikov, G. IA. Gun. Zav. lab. 26 no. 6:750-753 '60.

Experimental determination of the maximum permissible load for pipes made of austenitic steel [with summary in English, p. 2]. M. IA. Aristov, A. V. Ratner. Teploenergetika 7 no. 7:69-76 Jl '60.

Problem of the deformation of a cylindrical pipe. V.S. Ershova. Uch. zap. LGU no. 280 80-86 '60.

PIPE—WELDING

Effect of electrode diameter on the process of butt-seam welding of pipes. B. D. Zhukovskii, L. I. Zilbershtein, V. I. Mizera. Svar. proizv. no. 7:11-13 Jl '60.

Using high-frequency currents for pipe welding. R. Golovkin. Tekh. mol. 28 no. 6:34 '60.

PIPE, ASBESTOS—CEMENT

Boring and casing of water wells in Odessa Province. I.G.Grechin, F.S.Stefanovskii, M.L.Sheinval'd. Gidr. i mel. 12 no. 6,32-36 Je '60.

Casing of wells with asbestos-cement pipes on collective and state farms of Tambov Province. V.I.Zaburdaev. Gidr. i mel. 12 no. 6;36-38 Je '60.

Construction of artesian wells with asbestos-cement casing. A.M.Kvasha. Gidr. i mel. 12 no. 6;31-32 Je '60.

Making and using asbestos-cement gas pipes. M. E. Chechenin. Stroi. mat. 6 no. 7:7-10 Jl '60.

Mounting and operating asbestos-cement pipes. A. N. Sakun. Sakh. prom. 34 no. 6.47-18 Je '60

PIPE, CAST-IRON—CORROSION

Properties and uses of magnesium cast iron IU. Rozengard, D. D Abakumovskii. Khim. mas
12-14 Jl-Ag '60.

P'

PIPE, STEEL

Causes of steel pipe damage in water-supply systems. S.N.Anorov, N.E.Lomkin. Vod.i san.tekh. no.8:25-27 Ag '60.

Dependence of pipe discards because of laps on the chemical composition of the steel [with summary in English]. N.K.Solomakha. Stal' 20 no.8:728-730 Ag '60.

Designing pipelines. A.P.Nechushkin. Stroi.mekh.i rasch.soor. 2 no.4:44 '60.

More about the designing of industrial pipes. N.M. Ruchimskii. Stroi.mekh.i rasch.soor. 2 no.4:46-47 '60.

Principles of drying priming coats. V.I.Bulaev, V.V. Krasnolarskii. Stroi.truboprov. 5 no.6:16 Je '60.

Selecting the theory of strength for designing metal pipes. L.E.Tarlatskii. Stroi.mekh.i rasch.soor. 2 no.4:39-43 '60.

Using electrically welded steel pipes in interior sanitary engineering systems. A.IA. Popkov. Mont.i spets.rab.v stroi. 22 no.6:30-31 Je '60.

Welded pipes of greater strength. Z.N.Kiseli'shchikov, E.N.Shvach, S.E.Nechiporenko. Stroi.truboprov. 5 no.6:11-14 Je '60.

PIPE, STEEL—STANDARDS

Conference on the standardization of steel pipes for all branches of industry. Biul.stroi.tekh. 17 no.7:41 Jl '60.

PIPE, STEEL—WELDING

Automatic welding of excavator hydraulic system pipe connections in an atmosphere of carbon dioxide. I.M. Mann. Avtom.svar. 13 no.6:56-59 Je '60.

Lap seam welding of 1Kh18N9T steel tubes. IU.V. Rybakov. Svar.proizv. no.7:31-34 Jl '60.

Local failures of welded joints in austenitic steam pipelines. K.V.Liubavskii, IU.M.Nikitin. Avtom.svar. 13 no.7:12-25 Jl '60.

Mechanized manufacture of welded pipes with a spiral seam. S.N.Mel'bard, V.B.Kreknov. Svar.proizv. no.6:20-29 Je '60.

PIPE, WOODEN

Durability of plywood ducts for the transportation of tailings. K.F.Khimalinkii. TSvet.met. 33 no.7:5-7 Jl '60.

PIPE BENDING

Pipe-bending unit with high-frequency heating. P.M. Kozlovskii. Mont.i spets.rab.v stroi. 22 no.7:31-33 Jl '60.

PIPE FITTING

Flexible joints for water pipes. V.G.Il'in. Gidr.i mel. 12 no.5:41-44 My '60.

[Production and installation of pipe systems; reference manual] Izgotovlenie i montazh tekhnologicheskikh truboprovodov, spravochnoe posobie. Moskva, Gos. nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 571 p.

PIPE FITTINGS
(see also subdivision under Great Britain)

Hydraulic resistance of pipe fittings. I.E.Bade. Izv. VNIIG 58:124-144 '58.

Leningrad. TSentral'noe konstruktorskoe biuro armaturostroeniia. [Industrial pipe fittings, catalog-reference book] Promyshlennaia truboprovodnaia armatura, katalog-spravochnik. [Leningrad] Leningr.Sovet nar.khoz. Upr.mashinostroeniia.
Pt.1. [Faucets, level indicators, shut-off and regulating valves] Krany, ukazateli urovnia, zapornye i reguliruiushchie ventili. 1960. 303 p.

PIPE FITTINGS—STANDARDS

International Organization for Standardization. [Recommendation ISO/R 40 "Malleable cast iron pipe fittings for pipelines (thread in accordance with Recommendation ISO/R 7)"] Rekomendatsiia ISO/R 40 "Soedinitel'nye chasti kovkogo chuguna dlia truboprovodov (rez'ba v sootvetstvii s rekomendatsiei ISO/R 7)." Izd. 1. Moskva, Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSR, 1iul', 1957. 30 p.

PIPE FITTINGS—WELDING

Automatic welding of bellows-type packless expansion joints. A.M.Gudima. Svar.proizv. no.7:34 Jl '60.

PIPE FLANGES

Effect of certain parameters of the upsetting process on the quality of pipe ends. F.V.Vdovin. Trudy NTO chern.met. 15:93-104 '59.

PIPE FLANGES—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Flanges of fittings, connecting parts and pipes] Flantsy armatury, soedinitel'nykh chastei i truboprovodov. Izd. ofitsial'noe. Moskva, 1959. 60 p. (Gosudarstvennye standarty SSSR)

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Flanges on marine pipelines] Flantsy sudovykh truboprovodov. Izd.ofitsial'noe. Moskva, 1959. 96 p. (Gosudarstvennye standarty SSSR)

PIPE MILLS

Investigating the coefficient of friction and selecting the right material for hard facing rolls on pipe piercing mills. I.M.Pavlov, V.IA.Osadchii. Sbor.Inst.stali no.40:195-205 '60.

Mechanized painting of the inside surface of pipes. A.I. Kalganov, A.I.Shamandadze. Metallurg 5 no.8:26-27 Ag '60.

Redesign of long-barrel cylinders for pipe rolling mills. A.I.Kalganov. Metallurg 5 no.7:30-31 Jl '60.

Using hard faced rolls on mills for the diagonal rolling of pipes. IU.I.Vasilchenko, I.K.Pokorchuk. Metallurg 5 no.8:24-26 Ag '60.

Valuable initiative. IA.L.Granovskii. Metallurg 5 no.7:35 Jl '60.

PIPE MILLS—ACCOUNTING

Method of calculating the cost of pipes. N.I.Lelkovich. Izv.vys.ucheb.zav.;chern.met. 3 no.6:170-187 '60.

PIPE LINES

In the Main Administration for Urban Gasification of the U.S.S.R. Stroi.truboprov. 5 no.6:30 Je '60.

Overhead pipeline construction. Stroi.truboprov. 5 no.6:27-30 Je '60.

Spacing of centrifugal pumping stations along pipe lines. E.M.Blekher, V.I.Cherntkin. Izv.vys.ucheb.zav.; neft' i gaz 3 no.6:133-140 '60.

Standard pipe closet. I.A.Dubinskii. Stroi.truboprov. 5 no.6:27 Je '60.

PIPELINES—BIBLIOGRAPHY see Bibliography—Pipe lines

PIPELINES—CORROSION
(see also subdivision under Bukhtarma)

Glazkov, V.I., P.G.Dorozhenko, and V.G.Kotik. [Protection of main pipelines against underground corrosion] Zashchita magistral'nykh truboprovodov ot podzemnoi korrozii. Moskva, Gos.nauchno-tekhn. izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 244 p.

PIPELINES—WELDING

Automatic rotation welding of pipe lines in an atmosphere of carbon dioxide without use of backing strips. A.S.Fal'kevich, V.I.Fedorov. Svar.proizv. no.8:22-24 Ag '60.

Scientific technology conference on the welding of pipe lines. A.S.Fal'kevich. Svar.proizv. no.8:41-42 Ag '60.

Stage [illegible] butt welding. A.V.Volkov. Stroi. truboprov. 5 no.6:[illegible] Je '60.

PIPERIDINE

Ultraviolet absorption spectra of [illegible] pyridine and of its derivatives. Report No.4: Absorption spectra of N-oxides of nicotine and its Methyl [illegible] Shkurko and others. Izv.AN SSSR.Otd.khim.nauk no.6:1109-1115 Je '60.

PIPERYLENE

Addition of carbon tetrachloride to bivinyl and piperylene. B.A.Arbuzov, V.I.Shilov. Izv.AN SSSR.Otd.khim. nauk no.6:1101-1111 Je '60.

PIPES, DEPOSITS IN

Elimination of iron and phosphate deposits from the water wall tubes of the [illegible] of a boiler. V.A.Meshcherskii. Energetik 8 no.6:22-23 Je '60.

PIRAEUS, GREECE—ANTIQUITIES

Twenty centuries under the pavement of Piraeus. IU.Svatkovskii. [illegible] 17 no.15:24 Ap '60.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

Collected works. Volume 2. Reviewed by A.M.Gelber. Kaz.med.zhur. 40 no.5:125-127 S-O '59.

PIRTTIKOSKI HYDROELECTRIC POWER STATION

Construction of the Pirttikoski Hydroelectric Power Station. A.I.V[illegible]. Gidr.stroi. 30 no.6:54-[illegible] Je '60.

PISTOL SHOOTING

Pistol firing at round and silhouette targets. A.[illegible]. Voen.znan. 36 no.7:27-28 Jl '60.

Pistol firing at silhouette targets. [illegible]. Voen. znan. 36 no.8:25-26 Ag '60.

PITCH
(see also subdivision under Magnitogorsk)

Controlling pitch problems. B.A.Teplitskii. Bum. prom. 35 no.6:22-24 Je '60.

PITCHBLENDE see Uraninite

PITUITARY BODY

Secretory cycle in cells of the anterior pituitary lobe [with summary in English]. I.G.Akmaev. Izv.AN SSSR.Ser.biol. no.3:410-426 My-Je '60.

PITUITARY EXTRACT

Ontogenetic changes in the osmoregulating reflex [with summary in English]. I.I.Kurdiban, IA.D.Finkinshtein. Biul.eksp.biol.i med. 49 no.1:17-20 Ja '60.

PLACENTA

Reparative possibilities of the placenta in white rats and white mice [with summary in English]. [illegible], I.V.Pr[illegible]. Arkh.anat.gist.i embr. [illegible] no.1:[illegible] '60.

Significance of morphological study of the afterbirth in determining [illegible] in farm animals. [illegible]. Biul.MOIP.Otd.biol. 65 no.3:[illegible]-150 My-Je '60.

PLACHETKA, JIŘÍ

[illegible]

PLAGOCYTOSIS

[illegible] in the blood of [illegible]

PLAGUE
(see also subdivision under Bayan-Khongor District, Mongolia; Dzhunmurin District; [illegible]; Northeast; Ulan-[illegible], Mongolia; [illegible], Mongolia; Transbaikalia; [illegible])

Blood picture of hosts [illegible]. Final report. [illegible]. Izv.Irkut.[illegible] inst. [illegible]

Color differential [illegible]. Izv.Irk.[illegible] inst. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Experimental [illegible]. Izv.Irk.[illegible] inst. [illegible]

[illegible]

Infection of [illegible]. Izv.Irk.[illegible] inst. [illegible]

[illegible]

Harmlessness of [illegible]. Izv.Irk.[illegible] inst. [illegible]

[illegible]

Influence of [illegible]. Izv.Irk.[illegible]

Interrelation of the [illegible]. Izv.Irk.[illegible]

Investigation of the [illegible] plague. [illegible]. Izv.Irk.[illegible] inst. [illegible]

PLAGUE (Continued)

New vaccine of B Pestis 17 strain. V. IA. Mikhalova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:127-135 '57.

Obtaining dry antiplague serum and a study of its effectiveness. P. A. Sheralmov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:217-219 '57.

Opsonocytophagic index of the leucocytes in the blood of guinea pigs and rabbits immunized with the live antiplague vaccines (I V, 17, I VH17). N. I. Koleninskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:175-184 '59.

Plague among Mongolian and southern gerbils in the Central Asian focus. I. P. Barkov, L. P. Blazunova, A. Shikhanova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:117-119 '59.

Plague outbreak among Brandt's field voles in the Mongolian People's Republic. V. V. Shkilev, E. A. Griaznov, P. T. Sychevskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:50-59 '58.

Purification and concentration of antiplague sera by use of enzymatic digestion. P. A. Sheralmov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:183-187 '57.

Purification and concentration of antiplague sera with neutral salts. P. A. Sheralmov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:177-183 '57.

Quality of culture media. L. A. Timofeeva, I. I. Noskova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:30-45 '57.

Relation of Brandt's field mouse to experimental plague. Z. I. Shchekunova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:98-102 '57.

Role of some nonspecific substances in raising the quality of antiplague serum. E. D. Shkurko, L. E. Khundanov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:140-155 '57.

Role of the marmot in the preservation of plague infection during the interepizootic season. N. I. Makarov, E. P. Makarova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:63-67 '57.

Significance of the capsule of the plague microbe in the problem of live vaccines. A. D. Garmarova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:190-200 '59.

Study of protein fractions of antiplague sera. P. A. Sheralmov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:25-31 '58.

Study of the blood indexes of guinea pigs vaccinated with live plague vaccines. N. I. Koleninskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:155-160 '59.

Study of the dependence of the quality of antiplague serum on some individual peculiarities of the producing animal. P. I. Lisaikovskaia, L. E. Khundanov, E. D. Shkurko. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:207-216 '57.

Summarizing conference of the Irkutsk State Antiplague Research Institute for Siberia and the Far East, March 9-12, 1955. I. F. Zhovtyi, N. D. Altareva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:329-331 '57.

Susceptibility of sharp clawed gerbils (Meriones unguiculatus M. Edw.) to experimental plague infection. A. K. Balabkin, A. D. Solodkaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:19-25 '57.

Susceptibility of Siberian marmots and long tailed susliks to experimentally induced plague. E. I. Klets and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:3-18 '57.

Susceptibility of the flat headed vole (Alticola strelzovi) to experimental plague. V. E. Solov'eva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:89-94 '57.

Therapeutic and prophylactic properties of individual protein fractions of antiplague serum. L. E. Khundanov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:37-41 '58.

PLANE TREE see subdivision under Uzhgorod

PLANETARIA see subdivision under Sumy Province

PLANETS

Planets of the solar system. S. Vsekhsviats'kyi. Nauka i zhyttia 10 no. 6:41-45 Je '60.

PLANETS--TABLES

Determining right ascensions of large planets on the meridian circle at the Kharkov Astronomical Observatory in 1959. K. N. Kuz'menko, V. Kh. Pluzhnikov. TSir. Astron. obser. Khar. un. no. 21:19-20 '60.

PLANETS, MINOR

Improving orbit elements for minor planet Atala (152). G. M. Bazhenov. TSir. Astron. obser. Khar. un. no. 22:74-75 '60.

Improving orbit elements for minor planet Europa (2). G. M. Bazhenov. TSir. Astron. obser. Khar. un. no. 22:72-73 '60.

Thermal development of asteroids. S. V. Maeva. Izv. Kom. po fiz. plan. no. 1:105-108 '59.

PLANETS, MINOR—TABLES

Determining right ascensions of minor planets on the meridian circle at the Kharkov Astronomical Observatory in 1959. K. N. Kuz'menko, V. Kh. Pluzhnikov. TSir. Astron. obser. Khar. un. no. 21:20 '60.

PLANING HULLS

Handling ships on underwater wings in passing. B. Ol'shamovskii. Rech. transp. 19 no. 5:48-49 My '60.

Seagoing pleasure boat on underwater wings. P. I. Dzhorbenadze. Sudostroenie no. 7:36-38 Jl '60.

Tomorrow's intercontinental ship. V. Gartvig. Tekh. mol. 28 no. 6:19-22 '60.

PLANING MACHINES

The MS-24 special-purpose rail-planing machine. I. B. Krasnich. Biul. tekh.-ekon. inform. no. 7:19-20 '60.

Pressure for clamping devices of four-side planers. V. P. Bakhtiiarov. Der. prom. 9 no. 5:9-11 My '60.

PLANKTON see subdivision under Mingechaur region

PLANT BREEDING see subdivision under Crimea

PLANT BREEDING—RESEARCH

Method for experimental induction of polyploidy by the use of colchicine. IA. G. Ogolevets. Biul. Glav. bot. sada no. 36:106-108 '60.

PLANT BREEDING—STUDY AND TEACHING

Studying the "Fundamentals of plant breeding" in secondary schools. M. I. Shcherbakov. Dokl. APN no. 2:9-11 '60.

PLANT CELLS AND TISSUES

Cellular adaptations. V. IA. Aleksandrov. Biul. MOIP. Otd. biol. 65 no. 3:142-143 My-Je '60.

Mitotic and amitotic division of plant cells [with summary in English]. A. P. Chel'tsova. Izv. AN SSSR. Ser. biol. no. 3:451-458 My-Je '60.

Phasic heterogeneity of tissues in the sunflower (Helianthus annuus L.). N. I. Volodarskii, A. I. Glazenko. Bot. zhur. 45 no. 5:742-745 My '60.

Structural characteristics of chloroplasts in seed plants [with summary in English]. M. I. Savchenko. Bot. zhur. 45 no. 7:961-967 Jl '60.

PLANT COMMUNITIES

(see also subdivision under Sluch' Valley)

Green alder associations. I. D. IUrkevich, V. A. Smirnova, P. E. Sorogovets. Biul. Inst. biol. AN BSSR no. 3:7-12 '58.

PLANT CUTTINGS

Effect of environmental conditions on the concentration of nitrogenous substances in kidney bean cuttings treated with heteroauxine. I. V. Runkova. Biul. Glav. bot. sada no. 36:66-71 '60.

PLANT DISEASES

Izrail'skii, V. P., ed. [Bacterial diseases of plants] Bakterial'nye bolezni rastenii. Izd. 2., perer. i dop. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 467 p.

Reaction of plant tissues to phytotoxins. M. N. Talieva. Biul. Glav. bot. sada no. 36:61-66 '60.

PLANT INTRODUCTION

(see also subdivision under Canada, Frunze; Moscow)

Exotic plants in the north. M. M. Chmochkin. Biul. Glav. bot. sada no. 36:30-37 '60.

Phenology of wild species of the genus Vitis L. in Tashkent. Uzb. biol. zhur. no. 3:27-31 '60.

Testing annual and perennial forage grasses from different regions of the U.S.S.R. in Murmansk Province. P. M. Medvedev. Biul. Glav. bot. sada no. 36:37-42 '60.

Wild onions of Sakhalin and outlook for their introduction into cultivation [with summary in English]. T. A. Zimina, T. N. Krlokova. Bot. zhur. 45 no. 6:844-861 Je '60.

PLANT LICE see subdivision under Nakhichevan A. S. S. R.

PLANT PHYSIOLOGY

(see also subdivision under Azerbaijan)

Effect of trace elements on the intensity of respiration and photosynthesis in cotton leaves at different temperatures [in Azerbaijani with summary in Russian]. A. Kh. Tagi-zade. Uch. zap. AGU. Biol. ser. no. 1:83-86 '59.

Encyclopedic work on plant physiology ("Handbook of plant physiology" [in German]. Reviewed by T. B. Darkanbaev, N. I., Udol'skaia). Vest. AN Kazakh. SSR 16 no. 6:85-87 Je '60.

PLANT PROPAGATION

Plant grown in a laboratory test tube. G. Dodeva. Znan. sila 35 no. 7:15 Jl '60.

PLANT TEMPERATURE see subdivision under Arctic regions

PLANT TUMORS see Tumors, Plant

PLANTS

Antagonism among plants. D. Rzhevskii. Nauka i zhizn' 27 no. 6:77-78 Je '60.

Longevity of plants. M. Al'byts'ka. Nauka i zhyttia 10 no. 6:24-26 Je '60.

PLANTS—ABSORPTION OF WATER

Effect of nitrogen fertilizers on active absorption of water by corn. A. N. Pavlov. Dokl. AN SSSR 133 no. 3:702-705 Jl '60.

PLANTS—ASSIMILATION

Effect of sodium salt of ethylenediaminetetraacetic acid on the behavior of radiocobalt in the soil - plant system. N. V. Kulikov. Dokl. AN SSSR 133 no. 3:698-701 Jl '60.

Migration of radiostrontium in biogeocoenoses. N. A. Timofeeva. Dokl. AN SSSR 133 no. 2:488-491 Jl '60.

Nitrogen, phosphorus, and potassium absorption in the ontogeny of wheat. I. A. Podvalkova. Bot. zhur. 45 no. 7:1025-1027 Jl '60.

PLANTS—CHEMICAL ANALYSIS

Isolation of protochlorophyll from green leaves. V. L. Kaler, A. A. Shlyk. Vestsi AN BSSR. Ser. biial. nav. no. 2:133-136 '60.

Microchrome method of determining total nitrogen in plant specimens. I. V. Matyshuk, N. K. Kuznetsova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:48-50 '60.

PLANTS—CHEMICAL COMPOSITION

Geographical variability of chemism in plants. E. A. Doroganevskaia. Vop. geog. no. 48:135-149 '60.

Immediate tasks in studying the biological cycle of elements and its role in soil formation. N. P. Remezov. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no. 3:6-13 My-Je '60.

Studying the transition of strontium and calcium in the biological cycle from soils into plants and animals [with summary in English]. G. D. Litovchenko, S. A. Shipitsyn. Zhur. ob. biol. 21 no. 4:297-300 Jl-Ag '60.

PLANTS—DISEASE AND PEST RESISTANCE

Rubin, B. A. [Respiration and its role in the immunity of plants; reported at the 12th annual Timiriazev Reading, May 29, 1958] Dykhanie i ego rol' v immunitete rastenii; dolozheno na deviatnadtsatom ezhegodnom Timiriazevskom chtenii 29 maia 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 65 p. (Timiriazevskie chteniia, no. 19)

PLANTS—FROST RESISTANCE

(see also subdivision under Kirghizistan)

One of the possible causes of chloroplast agglutination in the bark and leaves of plants in winter. L. P. Breslavets, Z. F. Mileshko. Bot. zhur. 45 no. 6:900-902 Je '60.

The problem of stag-headedness in the arid forest tracts of northern Kirghizistan. I. G. Karafa-Korbut. Izv. AN Kir. SSR. Ser. biol. nauk 1 no. 3:37-47 '59.

PLANTS—METABOLISM

Metabolic role of the main root in red clover (Trifolium pratense L.) [with summary in English]. A. M. Alekseev, I. M. Vasil'eva, A. V. Stratseva. Bot. zhur. 45 no. 6:785-794 Je '60.

Mevalonic acid as the precursor of some polyisoprene compounds in plants. A. R. Guseva, V. A. Paseshnichenko, M. G. Borikhina. Dokl. AN SSSR 133 no. 1:228-229 Jl '60.

PLANTS—NUTRITION

Role of nitrogen in plant nutrition on peat bog soils. S. M. Mashtakov, B. F. Matrosov. Biul. Inst. biol. AN BSSR no. 3:136-142 '58.

PLANTS—REPRODUCTION

Organs for vegetative reproduction and propagation in higher plants. E. L. Liubarskii. Bot. zhur. 45 no. 7:1057-1060 Jl '60.

"Variation in the apomictic microspecies of Alchemilla vulgaris L.," "Progeny tests in agamotypes with regard to morphological characters," "Geographical distribution and chromosome number," and "Observations on some clones and clone progenies in Alchemilla alpina L." [In English] by G. Turesson. Reviewed by E. N. Sinskaia. Bot. zhur. 45 no. 5:771-772 My '60.

Vegetative and seed reproduction in Arnica montana L. and Gentiana lutea L. in the Ukrainian Carpathians. D. S. Ivashin. Bot. zhur. 45 no. 7:1039-1044 Jl '60.

PLANTS—RESPIRATION

Respiration of plants subjected to infection. Z. IA. Serova. Dokl. AN BSSR 4 no. 6:265-269 Je '60.

Rubin, B. A. [Respiration and its role in the immunity of plants; reported at the 12th annual Timiriazev Reading, May 29, 1958] Dykhanie i ego rol' v immunitete rastenii; dolozheno na deviatnadtsatom ezhegodnom Timiriazevskom chtenii 29 maia 1958 g. Moskva, Izd-vo Akad. nauk SSSR, 1960. 65 p. (Timiriazevskie chteniia, no. 19)

PLANTS—SOILLESS CULTURE

(see also subdivision under United States)

Soilless culture of plants. P. Martynov. Tekh. mol. 28 no. 5:4, 19 '60.

PLANTS—TRANSPIRATION

(see also subdivision under Zhana-Arkinskiy District)

Water regimen of some forage grasses under different salinity conditions [in Azerbaijani with summary in Russian]. Z. S. Azizbekova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:23-31 '60.

PLANTS—WATER REQUIREMENTS

Lower limit of the availability of moisture of plants in peat soils [with summary in English]. F. R. Zaidel'man, V. G. Vinogradov. Pochvovedenie no. 7:96-100 '60.

"Physiological aridity" of habitat in tundras. K. V. Zvorykin, N. L. Chepurko. Vop. geog. no. 48:242-255 '60.

PLANTS, CULTIVATED

Vsesoiuznoe botanicheskoe obshchestvo. [Problems in evolution, biography, genetics, and breeding, collection of articles dedicated to the 70th anniversary of Academician N. I. Vavilov's birth] Voprosy evoliutsii, biogeografii, genetiki i selektsii, sbornik, posviashchennyi 70-letiiu so dnia rozhdeniia akademika N. I. Vavilova. Moskva, 1960. 335 p.

PLANTS, EFFECT OF BORON ON

Morphological variability of plants due to boron deficiency [with summary in English] M IA Shkol'nik, A I. Maevskaia. Bot zhur. 45 no 6 805-811 Je '60

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of ionizing radiations on protein metabolism in nuclei, mitochondria, and the ergastoplasm of the vegetable organism. N B. Strazhevskaia. Biofizika 5 no. 3;346-353 '60.

Two types of radiation aftereffects observable in barley seeds. N. I. Shapiro, E. M. Bocharova. Dokl. AN SSSR 133 no. 2;462-465 Jl '60.

PLANTS, EFFECT OF LIGHT ON

Accumulation of chlorophyll a and b and changes in the size and number of chloroplasts in turnip leaves as related to different light qualities. L. V. Kakhnovich Dokl. AN BSSR 4 no. 6·263-264 Je '60.

Ecology of self-seeded oak; effect of light on growth development. P. E. Sorogovets. Biul. Inst. biol. AN BSSR no. 3:28-34 '58.

Effect of light on the development of steppe vegetation in forest stands under conditions prevailing in West Kazakhstan Province V P. Lidov, M V. Nadezhdina, I. A Petrenko Vop geog. no 48 223-241 '60.

PLANTS, EFFECT OF NITROGEN ON

Dynamics of chlorophyll accumulation in oat leaves (Avena sativa L.) in relation to soil temperature and nitrogen nutrition. R. S. Limar'. Bot. zhur. 45 no. 5: 739-742 My '60.

Effect of nitrogen fertilizers on active absorption of water by corn. A. N. Pavlov. Dokl. AN SSSR 133 no. 3:702-705 Jl '60.

PLANTS, EFFECT OF PHOSPHORUS ON

Intensifying the aftereffect of phosphorus fertilizers [with summary in English]. P A. Dmitrenko, L. A. Shevchenko. Pochvovedenie no. 7.74-80 '60.

PLANTS, EFFECT OF POTASSIUM ON

Effect of potassium fertilizers on hay yields and accumulation of the root mass of alfalfa in meadow soils of the irrigated zone of Central Asia [with summary in English]. M. Z. Kaziev, Kh. Z. Umarov. Pochvovedenie no. 7:81-86 '60.

PLANTS, EFFECT OF RADIATION ON

Action of ionizing radiation on some vitamin-bearing plants. G. I. Shchibria and others. Trudy VNIVI 6:164-169 '59.

Effect of γ-rays and neutrons on dry seeds of agricultural plants. S. A. Valeva Biofizika 5 no 3:362-365 '60.

Stimulation of root growth in plants of the goosefoot, mustard, and carrot families in peat and mineral soils by X rays and gamma rays of radium and cobalt [with summary in English] A.S.Palamarchuk. Ukr bot zhur. 17 no. 3:3-18 '60.

PLANTS, EFFECT OF SALTS ON see subdivision under Azerbaijan

PLANTS, EFFECT OF WATER ON

Results of studies on nitrogen and mineral leaching from tree crowns by rain. I. K. Sviridova. Dokl. AN SSSR 133 no. 3:706-708 Jl '60.

PLANTS, MOTION OF FLUIDS IN

Effect of environmental conditions on the concentration of nitrogenous substances in kidneybean cuttings treated with heteroauxine. L. V. Runkova. Biul. Glav. bot. sada no. 36;66-71 '60.

Role of electric potential differences in the transport of phosphorus (P^{32}) in onion roots. N. A. Gorlanov Biofizika 5 no. 3;304-307 '60.

Translocation of organic substances for cotton leaves during defoliation. M. Z. Zakirov. Uzb. biol. zhur. no. 3;9-15 '60.

PLANTS, ORNAMENTAL

Moscow. Glavnyi botanicheskii sad. [Ornamental perennials; brief results of introduction at the Main Botanical Garden of the Academy of Sciences of the U. S. S. R.] Dekorativnye mnogoletniki; kratkie itogi introduktsii v Glavnom botanicheskom sadu Akademii nauk SSSR, 1960. 333 p.

PLANTS, PROTECTION OF

(see also subdivision under Babushkin)

Karumidze, S. A. [Fundamentals of chemical protection of plants] Osnovy khimicheskoi zashchity rastenii. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 268 p.

PLANTS AS INDICATORS see Indicator plants

PLASMA (IONIZED GASES)

Detecting properties of gas discharge plasma. O. I. IAkovlev. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2.285-289 '60.

Detection of ion oscillation in plasma [with summary in English]. M D Gabovich, L L. Pasechnik, V G IAseva. Zhur eksp i teor. fiz 38 no 5 1430-1433 My '60.

Electromagnetic properties of a relativistic plasma [with summary in English] V P Silin Zhur eksp i teor fiz 38 no 5 1577-1583 My '60

Fading of decimetric waves in gas discharge plasma. K. I. Kononenko, G. A. Kosinov. Izv. vys. ucheb. zav., radiofiz. 3 no. 2 338-340 '60.

Gyroresonance absorption of electromagnetic waves in a plasma [with summary in English] B N Gershman Zhur eksp. i teor fiz 38 no 3 912-924 Mr '60

Instability of a plasma with an anisotropic distribution of ion and electron velocities [with summary in English]. A. B. Kitsenko, K. N. Stepanov. Zhur. eksp. i teor. fiz. 38 no. 6:1840-1846 Je '60.

Instability of induction pinch I F Kvartskhava, K N Kervalidze, IU. S Gvaladze Zhur. eksp i teor fiz 38 no 5 1641-1643 My '60

Instability of longitudinal oscillations of an electron-ion plasma [with summary in English] L M Kovrizhnykh, A. A. Rukhadze Zhur eksp i teor fiz 38 no 3 850-853 Mr '60

Instability of magnetoactive plasma in respect to high-frequency electromagnetic perturbations. Part 2. V. V. Zheleznlakov. Izv. vys. ucheb. zav., radiofiz. 3 no. 2 180-191 '60.

Intensity of radiation reaction in magnetoactive plasma. V. IA. Eidman. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2: 192-198 '60.

Investigating the interaction between an electron beam and plasma [with summary in English] I F. Kharchenko and others. Zhur. eksp. i teor fiz 38 685-692 Mr '60.

Investigation of the toroidal discharge in a rapidly varying longitudinal magnetic field. D. P. Ivanov, V. D. Kirillov. Dokl. AN SSSR 133 no. 4;793-796 Ag '60.

Magnetic bremmsstrahlung of a restricted plasma [with summary in English] K. N Stepanov, V I Pakhomov Zhur. eksp i teor. fiz 38 no 5 1564-1568 My '60

Plasma burner V A Parfenov Nauka i zhizn' 27 no 5 67 My '60

Relation between oscillations and velocity losses of charged particles in a low-pressure cylindrical plasma in a longitudinal magnetic field A A. Zaitsev, M IA Vasil'eva. Zhur eksp i teor. fiz 38 no. 5 1639-1640 My '60

Stability of the plasma in the field of a magnetic dipole B B. Kadomtsev, V. E. Rokotian Dokl AN SSSR 133 no 1 68-70 Jl '60

Theory of nonlinear oscillations of plasma. S. M. Khzardzhian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6;123-131 '59.

Thermodynamic functions of a low temperature plasma [with summary in English]. A. I. Larkin. Zhur. eksp. i teor. fiz. 38 no. 6:1896-1898 Je '60.

PLASTERBOARD—DRYING

Intensification of drying processes of sheet-type gypsum building materials. O. A. Kremnev, V. R. Borovskii, I. M. Pievskii. Stroi mat. 6 no. 7;13-16 Jl '60.

PLASTERING

(see also subdivision under Gorkiy, Tiflis)

For technical progress in the organization of finishing operations A Moiseenko Stroi. i arkhit Mosk 9 no 5 11-13 My '60

Shepelev, A. M. [Plastering] Shtukaturnye raboty. Izd., 3, perer. i dop. Moskva, Vses. uchebno-pedagog. izd-vo Trudrezervizdat, 1959. 415 p.

PLASTERING—EQUIPMENT AND SUPPLIES

Plasters should have efficient tools. V. Gushchin. Prof.-tekh. obr. 17 no. 6:11 Je '60.

PLASTIC BEARINGS

Designing plastic sliding bearings. V. F. Platonov. Avt. prom. no. 7:24-27 Jl '60.

PLASTIC PIPE see Pipe, Plastic

PLASTICITY

Methods of determining the characteristics of the plasticity of a metal IU. E. Bondarev. Zav. lab 26 no. 7: 855-857 '60.

Physical bases of the plasticity and strength of crystals. M. V. Klassen-Nekliudova. Itogi nauki: Fiz.-mat. nauki 3;5-11 '60.

Temperature and time dependence of the characteristics of single crystal plasticity. V. R. Regel'. Itogi nauki: Fiz.-mat. nauki 3:12-66 '60.

Uniform and centered plasticity of steel as a factor in tensile testing N. N. Davidenkov. Zav. lab. 26 no. 7: 907-909 '60.

We improve the designs of structures. W. Urbanowski. Nauka i zhyttia 10 no. 5.45-47 My '60.

PLASTICITY—RESEARCH see subdivision under Poland

PLASTICIZERS

Plasticization of natural rubber by means of o-benzamidothiophenol, its zinc salt, and o, o-dibenzamidodiphenyldisulfide. G. E. Bets and others. Kauch. i rez. 19 no. 5;24-27 My '60.

Synthesis of new plasticizers based on 1,3-dichloro-2-butene. S. A. Vartanian and others. Izv. AN Arm. SSR Khim. nauki 13 no. 1:31-35 '60.

PLASTICS

(see also subdivision under Great Britain)

Aerostatic architecture. G. Pokrovskii. Tekh. mol. 28 no. 6·14-15 '60.

Builders of plastic boats N. Bolgarov. Voen. znan 36 no. 8 20-21 Ag '60

Cold casting of fittings and chemical equipment from gaphite plastics. P. P. Neugodov. Khim. mash. no 4: 30-33 Jl-Ag '60.

Conference on using plastic materials in construction Stroi mat. 6 no 5 17-18 My '60

Contact preheating of materials intended to be pressed. V. A. Veselov, IU. N. Mel'nikov. Prom. energ. 15 no 6 15 Je '60

Continuous processes in the production of high-polymer materials and articles S. A Zlatina Plast massy no 5 77-78 '60

Discussion of the methods for investigating and testing physicomechanical properties of plastics. Replies to an inquiry published in issue no. 1 of "Zavodskaia laboratoriia," 1960. F. P. Beliankin and others. Zav. lab. 26 no. 6;655-678 '60.

Effective building materials made with plastics. Stroi. mat. 6 no 5 1 My '60

Efficiency experts proposals, new apparatus, instruments, and methods, radioactive plastic materials. Preliminary report. Z. N. Bliumshtein. Kaz. med. zhur. 40 no. 5;96-97 S-O '59.

Gitis, S. S., and V. V. Alekseev. [Plastics and their uses] Plastychni masy ta ikh zastosuvannia. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 7, no. 7)

Heat-resistant plastics. V. I. Itinskii, I. V. Kamenskii. Biul. tekh.-ekon. inform. no. 7:10-13 '60.

Interaction between wheels and brake shoes made of composition. T. V. Larin. Zhel. dor. transp. 42 no. 6·44-46 Je '60.

Investigation of new types of plastics. I. A. Bikson, A. N. Petrova. Khim. mash. no. 4;28-29 Jl-Ag '60.

Light-diffusing materials Plast massy no 5 74 '60

Make wider use of plastics in machine construction V A Vinogradov. Plast massy no 5·70 '60

Methods of evaluating certain properties of polyformaldehyde E Feigin, L Zakrzewski Plast massy no 5· 60-63 '60

New equipment for preparing protective plastics. D. S. Brumberg. Stroi. truboprov. 5 no. 6;23-24 Je '60.

New polymers ("Polyester acrylates, glass reinforced plastics and articles manufactured from them" by A. A. Berlin and others. Reviewed by V. Ivanova). Tekh. mol. 28 no. 5;16-17 '60.

News of techniques abroad Plast. massy no. 5 73-74 '60.

Phosphorus-containing compounds are important raw materials in the plastics industry E L Gefter Plast massy no 5 47-55 '60.

Plastic dies for large motor-vehicle parts. S. I. Efremov. Avt. prom. no. 7;30-32 Jl '60.

Plastic oil tanks. S. I. Idashkin. Stroi. truboprov. 5 no. 6;30-31 Je '60.

Plastics and possibilities for their use in making bearing construction elements for residential and public building construction. V. F. Ivanov. Izv. vys. ucheb. zav., stroi. i arkhit no. 2.7-11 '60.

Rheological problems in the processing of plastics into finished products. E E. Glukhov, S. I. Kloz. Plast massy no 5 22-25 '60

"Retinax " A V Chichunadze. Nauka i zhizn' 27 no. 5· 63 My '60

Science and the workshop. A. I. Krichko, IA. G. Panovko. Ogonek 38 no. 29; 12-13 Jl '60.

Scientists came to the factory... A. Efim'ev. Nauka i zhizn' 27 no. 7;2-7 Jl '60.

Semiautomatic device for finishing plastic articles obtained by the molding process I. F Gavrilov. Plast massy no 6 59 '60

Shaposhnikov, S. I. [New plastic and rubber printing plates, cliches, stereotypes, type faces] Novye tipografskie pechatnye formy; iz plastmassy i reziny. Klishe, stereotipy, shrifty. Moskva, Gos. izd-vo "Iskusstvo," 1960. 160 p. (Novosti poligraficheskoi tekhniki i tekhnologii)

Shrinkage of articles made of thermosetting plastics, as determined by the direction of the compression molding. I. Sh Pik, A S. Sindarovskaia. Plast. massy no. 5 36-39 '60.

Shrinkage of plastics. I. Sh. Pik, A. S. Sindarovskaia. Plast. massy no. 4:30-34 '60.

Technology of the manufacture of printing plates by punching B. N. Bobrynin Plast. massy no. 5 31-36 '60.

Tomorrow's intercontinental ship. V. Gartvig. Tekh. mol. 28 no. 6:19-22 '60.

Use of hydrolytic lignin in the manufacture of plastics. M. G. Okun' and others. Gidroliz. i lesokhim. prom. 13 no. 3:14-16 '60.

PNEUMONIA (Continued)

Case of pericarditis as a complication of pneumonia in a 7-months-old child P D Tulingarov Med zhur, Uzb no 12 41 D '59.

Condition of the myocardium in chronic nonspecific pneumonia as revealed by electrocardiographic data A. V Soboleva. Trudy LIETIN 2·97-105 '59.

Diphenylamine reaction, McClure-Aldrich test, and Nesterov's test in microfocus pneumonia among breast-fed children with rickets. S. G. Lazarev. Zdravookhranenie 3 no. 3·12-18 My-Je '60.

Exercise therapy in chronic pneumonias in children S M Ivanov. Vop okh mat i det 5 no 4 32-37 Jl-Ag '60

Experimental pneumococcal inflammation of the lungs in white mice E I Klets. Izv Irk. gos. nauch -issl protivochum. inst 15·221-226 '57

Hypoxemia in chronic nonspecific pneumonia as revealed by data of an oxyhemometric study. S. B. Khrustina. Trudy LIETIN 2·112-122 '59.

Importance of some hemodynamic indexes for disability evaluation of patients with chronic nonspecific pneumonia. E. V. Mikirtumova. Trudy LIETIN 2·82-89 '59.

Pneumonias related to adenoviral infections in children B S Dreiten F K. Zhukova L D Kniazeva Vop okh mat i det 5 no 3 19-26 My-Je '60

PNEUMOPERITONEUM, ARTIFICIAL

Hemodynamic disturbances following the use of therapeutic pneumoperitoneum D L Bronshtein Pat , klin i terap tub no 8 251-254 '58

Pulmonary ventilation in therapeutic pneumoperitoneum. M Z Rotenfel'd Sov zdrav. kirg no 1,36-39 Ja-F '58

PNEUMOTHORAX

Bilateral spontaneous pneumothorax with a favorable outcome A. N Khasenov. Zdrav. Kazakh. 18 no. 1·68-70 '58

Clinical aspects and treatment of spontaneous pneumothorax V V Trofimets Pat klin i terap tub no 8 179-182 '58

Peculiarities of electrocardiographic curves in patients with long-standing pneumothorax N G Volodina Pat , klin i terap tub no. 8 175-178 '58.

Place of the artificial pneumothorax in the over-all treatment of patients with lesser forms of pulmonary tuberculosis in the practice of the tuberculosis dispensary S S Ender O F Alekseeva Pat klin i terap. tub no 8 131-134 '58

Results of treating infiltrative forms of pulmonary tuberculosis by artificial pneumothorax combined with antibacterial drugs and without them [in Azerbaijani with Russian summary] A. G. Faradzhzade. Azerb. med. zhur. no 5 48-52 My '60

Spontaneous pneumothorax in nontuberculous patients. L. A Frank Sov. zdrav. kirg. no 1 33-36 Ja-F '58

POCHAYEV MONASTERY

Andriievs'kyi, V P [Pochayev Monastery] Pro Pochaivs'ku lavru Kyiv, 1960 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR Ser 4, no 3)

POCHINOK DISTRICT—FEEDS

How we account for the green feed supplement and filling of the silo S P. Novikov Uchet i fin v kolkh i sovkhoz 17 no 5 30 My '60

PODZOL see subdivision under Komi A.S.S.SR.

POISONS

Influence of antispasmodic drugs and spasmodic poisons on the course and "threshold" of seizures resembling epilepsy K. I. Pogodaev. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4 210-227 '60.

POLAND—ACCOUNTING

Accounting in the Polish People's Republic ("Small encyclopedia of accounting." Reviewed by P. Novichenko). Bukhg. uchet 17 no. 6;66-68 Je '60.

POLAND—AGRICULTURE

Agriculture of People's Poland M. IAgel'skii Ekon sel'khoz 31 no 6 114-116 Je '60

POLAND—AGRICULTURE, COOPERATIVE

My trip to the Polish People's Republic. M. Os'mova. Vest. Mosk. un. Ser. 8·Ekon. filos. 15 no. 4 86-87 Jl-Ag '60.

POLAND—BIBLIOGRAPHY

[New literature on European people's democracies and Slavic studies: Poland.] Nov. lit. po evrop. stran. nar. dem i slav. Pol'. nos. 2-5 '60.

POLAND—BOTANY—PERIODICALS

"Wiadomości botaniczne" [in Polish]. vols. 1-3, 1957-1959 Reviewed by I. P Bilokin', I A. Dobrovol's'kyi. Ukr. bot. zhur 17 no 3,98-102 '60

POLAND—CANVAS

Effect of light and weather on tarpaulin fabrics made from flax and hemp. H. Gurski. Tekst. prom. 20 no. 6;75-76 Je '60.

POLAND—COMMUNIST PARTY

A brief historical outline of the Communist press in Poland (1918-1939). Zygmunt Mlynarski. Vest. Mosk. un. Ser. 7 Filol., zhur. 15 no. 3 60-70 My-Je '60.

V I. Lenin on the Polish labor movement. Henryk Jablonski. Nov. i noveish. ist no 2·67-78 '60.

POLAND—CONCENTRATION CAMPS

Lebedev, A. F. [Soldiers of a minor war] Soldaty maloi voiny, zapiski osventsimskogo uznika. Izd. 2., dop. Moskva, Gos. izd-vo polit. lit-ry, 1960. 118 p.

POLAND—CREASE-RESISTANT FABRICS

Organic catalysts for crease-resistant finishing of rayon fabrics. Z. Jedrusiak, J. Brzezinski. Tekst. prom. 20 no. 6 71-72 Je '60.

POLAND—CULTURE—STATISTICS

Education and culture of People's Poland in figures Sov pedag 24 no 5 126-127 My '60

POLAND—DYES AND DYEING

Polish "A" black dye. F. Kaciszak. Tekst. prom. 20 no 6,72-74 Je '60.

POLAND—ECONOMIC CONDITIONS

My trip to the Polish People's Republic. M. Os'mova. Vest. Mosk. un. Ser. 8 Ekon filos. 15 no. 4 86-87 Jl-Ag '60.

POLAND—GLASS CONSTRUCTION

Technical progress in manufacturing structural glass. Stek. i ker. 17 no. 7·46-47 Jl '60.

POLAND—HISTORY

Pro-Turkish policy of Polish magnates during the struggle of the Rumanian and Moldavian peoples against Turkish rule at the end of the 16th century. N S. Rashba. Uch zap Khar derzh bibliot. inst. no 4 161-189 '59

POLAND—HYDRAULIC ENGINEERING

"Blue ring." I. Adabashev. Tekh. mol. 28 no. 6;34-35 '60.

POLAND—LEPTOSPIROSIS

Natural foci of rural leptospirosis. IU. Parnas and others. Trudy Inst. zool. AN Kazakh. SSR 12 11-14 '60.

POLAND—LITERATURE AND STATE

The Leninist principle of devotion to the party in literature and the struggle for socialist literature in Poland. E. Z. TSybenko. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 3 37-46 My-Je '60.

POLAND—MECHANICAL ENGINEERING

We improve the designs of structures. W. Urbanowski. Nauka i zhyttia 10 no 5 45-47 My '60.

POLAND—MEDICINE

On the pages of the Polish periodical "Medical Review" for 1958. A. IU. Vylasnovskii. Kaz. med. zhur. 40 no. 5 94-96 S-O '59.

POLAND—MINES AND MINERAL RESOURCES

Development of mineral resources in Poland during the last 15 years E. Vuttsen Razved. i okh nedr 26 no 5 54-57 My '60

POLAND—MOTION-PICTURE PLAYS

An ordinary feat V Shitova. Isk kino no 5·109-110 My '60

POLAND—NAMES, GEOGRAPHICAL

Toponymy in the Polish People's Republic. E. M. Murzaev Izv AN SSSR Ser. geog no 4;120-131 Jl-Ag '60

POLAND—PHYTOGEOGRAPHY

"Vegetation cover of Poland," vols. 1-2. Reviewed by S. S. Kharkevich. Bot. zhur. 45 no. 5 774-777 My '60.

POLAND—PLASTICITY—RESEARCH

Plasticity theory V Urbanovsky Nauka i zhizn' 27 no 5 52-53 My '60

POLAND—POLITICS AND GOVERNMENT

Poland is building socialism. Ogonek 38 no. 30 10 Jl '60.

POLAND—PRESS

A brief historical outline of the Communist press in Poland (1918-1939). Zygmunt Mlynarski. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 3.60-70 My-Je '60.

POLAND—RAYON

Cleaning of exhaust air in viscose production. Z. Rybicki. Khim volok no 3 46-47 '60

POLAND—RELATIONS (GENERAL) WITH WHITE RUSSIA

Friendly meetings with our neighbors I. Charniauski Belarus' 17 no. 5 2-3 My '60.

POLAND—UNIVERSITIES AND COLLEGES

Public universities for adults. K. Wojciechowski. Obshcheobr. shkola vzrosl. no. 1 84-85 Ja-F '60.

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Pages of fraternal friendship ("Military cooperation of Polish and Soviet guerrilla fighters" by W Góra Translated from the Polish Reviewed by V A. Novodran) Ukr ist zhur 4 no 4 135-136 Jl-Ag '60.

POLAND—ZINC INDUSTRY

Zinc industry in Poland. IU. I. Vasianin. Biul. tekh.-ekon. inform. no. 7;75-77 '60

POLAR REGIONS—GEOLOGY—BIBLIOGRAPHY

New literature on the geology and mineral resources of the Arctic and Antarctic Regions. Inform. biul. NIIGA no. 14 72-90 '59.

POLARISCOPE

Photographic polarimetry of the moon with light filters. N P. Barabashov, I. K. Koval'. Izv. Kom. po fiz plan no 1 55-58 '59.

Polarimetric method of determining the amount of moisture [with summary in English] V. P. Borzov. Inzh.-fiz. zhur. no. 6 101-103 Je '60.

POLARIZATION (ELECTRICITY)

Cathodic polarization in lead pyrophosphate solutions [with summary in English]. O. K. Kudra, N. V. Gudovich. Zhur. fiz. khim. 34 no. 7;1010-1021 Jl '60.

Cathodic polarization in the electrodeposition of a copper-nickel alloy [with summary in English]. N. V. Korovin. Zhur. fiz. khim. 34 no. 6;1351-1356 Je '60.

Effect of a constant electric field on polarization processes in seignettoelectric ceramics. V. Z. Borodin. Izv. vys. ucheb. zav., elektromekh. 3 no. 2;140-150 '60.

POLARIZATION (LIGHT)

Experiment in light polarization. Tekh. mol. 28 no. 6·30 '60.

Investigating in three spectrum regions the degree and the angle of position of the plane of polarization of light reflected by lunar features. I. K Kokhan. Izv. Kom. po fiz. plan no 1;41-53 '59.

Polarization relations in the Raman spectra of molecules with a highly developed conjugation. IA. S. Bobovich, M. IA. TSenter. Opt. i spektr. 8 no. 1·45-50 Ja '60.

POLAROGRAPH

Attachment to the oscillographic polarograph constructed by the Institute of Geochemistry and Analytical Chemistry, used in determining the instantaneous difference of potential between the test electrode and the reference electrode [with summary in English]. IA. I. Gokhshtein. Zhur. fiz. khim. 34 no. 5 1130-1139 My '60.

"Electronic polarographs" by S. B. TSfasman. Reviewed by S. I. Zhdanov. Zav. lab. 26 no. 6·777 '60.

Vector polarograph C. B TSfasman. Zav. lab 26 no 7 698-699 '60

POLAROGRAPHY

Development of the polarographic analysis of inorganic ions (survey) I. V. Piatnitskii Zav. lab. 26 no. 7;798-810 '60.

Nature of the decrease of current on polarographic waves limited by the preceding chemical reaction S. G Mairanovskii Dokl AN SSSR 133 no. 1 162-165 Jl '60

Oscillographic polarography. Equation for the descending branch of the polarographic wave and for its approximation. IA. P. Gokhshtein, A. IA. Gokhshtein. Zhur. fiz. khim. 34 no. 7;1654-1657 Jl '60.

Polarographic analysis of nitrocyclohexane IA. I. Tur'ian. Zav. lab. 26 no. 7·810-813 '60

Polarographic peaks of the first order. Part 1: Dependence of the peak current on the concentration of the substance being reduced and on the electric conductivity of the solution [with summary in English]. T. I. Popova, T. A. Kriukova. Zhur. fiz. khim. 34 no. 6·1326-1333 Je '60.

Polarography of uranium compounds in carbonate and bicarbonate solutions. A. I. Stabrovskii. Zhur. neorg. khim. 5 no. 4;811-820 Ap '60.

Removal of ultraminute quantities of heavy metal impurities from solutions of neutral salts to be used as polarographic background E. N. Vinogradova, K. Iobst. Zav. lab. 26 no. 7;796-797 '60.

POLAROGRAPHY—CONGRESSES

First All-Union Conference on Polarographic Analysis. IU. S. Liallkov Zav. lab 26 no. 5,646-649 '60.

POLESYE—ALGAE

On the flora of Mesotaeniales, Gonatozygales, and Desmidiales in swamps of the western part of the Ukrainian Polesye. Pt. 1. G. M. Palamar'. Bot. mat. Otd. spor. rast. 13;71-87 '60.

POLESYE—BIRCH

Natural reforestation in birch associations of the Poles'ye. V. S. Gel'tman. Biul. Inst. biol. AN BSSR no. 3;13-18 '58.

Types of birch forests on transitional marshes of the Polesye Lowland. V. S. Gel'tman. Biul. Inst. biol. AN BSSR no. 3;19-24 '58.

POLESYE—BIRDS

Courses of development of the ornithological fauna of the White Russian Polesye. M. S. Dolbik. Biul. Inst. biol. AN BSSR no. 3.246-249 '58.

POLESYE—DRAINAGE

Lopinovich, L.S., S.G.Skoropanov, and Z.N.Denisov. [Transformation of nature in the Polesyan lowlands] Preobrazovanie prirody Polesskoi nizmennosti. Moskva, Izd-vo Akad.nauk SSSR, 1953. 77 p.

POLESYE—EUROPEAN WAR, 1914-1918

From the pages of the struggle of the Bolsheviks against German occupation troops in Poles'ye during the year 1918. S.T.Khavkin. Ist.arkh. 6 no.3:151-161 My-Je '60.

OLESYE—FIELD MICE

Stational distribution of murine rodents in the Polesye. O.N.Mikholap. Biul.Inst.biol.AN BSSR no.3:250-253 '58.

OLESYE—RECLAMATION OF LAND

So that our meadows were green. I. Makrushyn Belarus' 17 no 5:20 My '60

OLESYE—STRONGYLOIDIASIS

Development and period of viability of invading larvae of some strongylids of sheep in the Poles'ye near Kiev. V.N.Trach. Pratsi Inst.zool.AN URSR 15:46-53 '59.

OLESYE—WORMS, INTESTINAL AND PARASITIC

Material on a study of helminth parasites of cattle in the Ukrainian Poles'ye. V.N.Trach. Pratsi Inst.zool.AN URSR 15:43-45 '59.

LICE

"Another" beat; feuilleton V.Sanin Ogonek 38 no 24 30-31 Je '60.

Buray, S.V. [Guarding the Republic; duties of volunteer brigades in insuring peace in the community] Svoei respubliki storozha; budni dobrovol'nykh narodnykh druzhin po okhrane obshchestvennogo poriadka. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 44 p.

LICE PATROL

(see also subdivision under Balta, Orolukan; Taganrog; Tajikistan; Zaporozh'yo)

ow the voluntary police patrols are created. G.Antipin, V.Mikhalkovich. Otv.na vop.trud. no.112:23-27 '60.

he results of my university studies. V.Vasil'eva. Sov.iust. no.7:5 Jl '60.

he role of our people in the strengthening of law and order. D.P.Hasselkin, G.I.Minasian. Sov.gos.i pravo no.7:186-190 Jl '60.

LIOMYELITIS

(see also subdivision under Leningrad, Penza Province)

iagnosis of nonparalytic forms of poliomyelitis. E.V. Shklovskaia Zdrav.Belor. 4 no.3 30 Mr '58.

mmortal cells. S.Navashin. Znan.sila 35 no.7:13-14 Jl '60.

etabolic disorders in acute poliomyelitis. V.N.Konlashina Vop okh mat i det. 5 no.3 43-46 My-Je '60

eatment of residual manifestations of poliomyelitis in hildren with Sary-Bulak mud. I.U.Urazakov and thers. Zdrav.Kazakh. 18 no.1:36-41 '58.

se of exercise therapy in the over-all treatment of oliomyelitis under hospital conditions. T.I.Lebedeva, V.Khusnutdinov. Vop.okh.mat.i det. 5 no.3:46-49 My-Je '60.

ISHING, ELECTROLYTIC see Electrolytic olishing

ITICAL CRIMES AND OFFENSES

oscow. Universitet. Iuridicheskii fakul'tet. [Theoretical and practical commentaries on the law on criminal esponsibility for political crimes] Nauchno-prakticheskii kommentarii k zakonu ob ugolovnoi otvetstvennosti a gosudarstvennye prestupleniia. Otv.red. V.D. len'shagin, P.S.Romashkin. Moskva, Gos.izd-vo urid. lit-ry, 1960. 70 p.

ITICAL SCIENCE

itical evaluation of the current reformist theories of he state and law. V.P.Radkov. Uch.zap.Kaf.gos. rava IMO no.1:26-39 '60.

o intensify our struggle against hostile political and gal ideology. Sov.gos.i pravo no.7:45-50 Jl '60.

ITICAL SCIENCE—STUDY AND TEACHING

ment of the popular course "Fundamentals of political ience" in secondary schools. V.I.Mazurenko. Sov dag 24 no 5 126-133 My '60.

eminar on the course in fundamentals of political ience. Sov pedag. 24 no 5 155-159 My '60.

TICAL SCIENCE—TEXTBOOKS

ment for a popular textbook for secondary and profesonal schools on the "Basic principles of political ience." Polit.samoobr. 4 no.5:123-124 My '60.

LEN—MORPHOLOGY

ynological systematics of the family Itoaceae. V.Sh. atabian. Izv.AN Arm.SSR.Biol.nauki 13 no.1: -102 Ja '60.

MET' RIVER—ALLUVIAL LANDS

phological study of rivers as a basis for solving probms associated with the utilization of bottom lands for ricultural purposes. I.V.Popov. Trudy GGI no.74: -54 '60.

POLONIUM

Chemistry of polonium. F.Vaigel'. Usp.khim. 29 no.5:686-707 '60.

POLONIUM COMPOUNDS

Synthesis of polonium heteroorganic compounds through the use of chemical changes taking place in the process of beta-decay of RaE. A N Murin and others Dokl AN SSSR 133 no 1 123-125 Jl '60

POLTAVA PROVINCE—CATTLE—FEEDING AND FEEDS

The economy of cattle fattening by food refuse. A Muzhitskii. Ekon sel'khoz. 31 no 6 36-41 Je '60

POLTAVA PROVINCE—FARM MECHANIZATION—SAFETY MEASURES

Difficulties are not an obstacle. I.Chernovol. Okhr truda i sots strakh. 3 no.6:53-54 Je '60.

POLTORATSKII, VIKTOR VASIL'EVICH, 1907-

"Cherry tree abloom"; verse by Viktor Poltoratskii Reviewed by Aleksandr Reshetov Zvezda no 5 214 My '60.

POLYAMIDES

Centrifugal molding of parts made of polyamides N IA Kestel'man Plast massy no 5 41-42 '60

Characteristics of the preparation of polyamides by means of polycondensation at the interface. A.S.Shpital'nyi and others. Zhur.prikl.khim. 33 no.5: 1150-1154 My '60.

Experience in casting polyamide articles. T.D.Danilushevskaia, IU.I.Sapozhkov. Plast.massy no.4:67-68 '60.

Sorption of water vapor and the heats of wetting of some polyamides [with summary in English]. E.F.Nekriach, Z.A.Samchenko. Koll.zhur. 22 no.3:288-292 My-Je '60.

POLYAMIDES—THERMAL PROPERTIES

Increasing the heat stability of polyamides by the inclusion of small amounts of inorganic substances IU A. Voitelev, N.D.Katorzhnov. Khim.volok. no.3 3-6 '60

POLYEMBRYONY

Characteristics of the structure of female gametophytes and the phenomenon of polyembryony in corn (Zea mays L.). E.I.Ustinova. Bot.zhur. 45 no.5:764-767 My '60.

Polyembryony in orchids. V.A.Poddubnaia-Arnol'di. Biul.Glav.bot.sada no.36:56-61 '60.

POLYETHYLENE

(see also subdivision under Slava; United States)

Polyethylene fittings. L.B Arsen'ev Mont i spets.rab. v stroi. 22 no 6 32 Je '60.

Polymers grown by aluminum. L.Antipin, A.Kolpakov. IUn.tekh. 4 no.5:22-26 My '60.

POLYGLOT DICTIONARIES see Dictionaries, Polyglot

POLYGLYUKIN—PHYSIOLOGICAL EFFECT

Influence of polyglucin on hematopoiesis [with summary in English]. I.L.Gol'dman. Pat fiziol.i eksp.terap. 4 no.3:54-60 My-Je '60.

POLYGONUM SACHALANENSE

"Sakhalin buckwheat." M.V.Turkevych. Nauka i zhyttia 10 no.7:32 Jl '60.

POLYHEDRA

Univalent definiteness and rigidity of infinite complete convex polyhedra in Lobachevskii space [with summary in English]. A.L.Verner. Vest.LGU 15 no.13:90-93 '60.

POLYMERIZATION

Anion polymerization induced by alkali metals and their compounds. A.R.Gantmakher, IU.L.Spirin. Usp.khim. 29 no.5:629-647 '60.

Catalytic polymerization of olefins. Report No.10: Effect of the temperature and contact time on the course of ethylene polymerization on nickel catalysts. IA.T.Eidus and others. Izv.AN SSSR.Otd.khim.nauk no.6: 1114-1116 Je '60.

Copolymerization of diethylene amides of phosphorus acids with difunctional organic compounds. N.P.Grechkin. Dokl.AN SSSR 133 no.3:592-593 Jl '60.

Determination of polymerization accelerators by titration in nonaqueous medium. V.N.Dmitrieva, N.P.Dziuba. Zav.lab. 26 no.7:813-814 '60.

Influence of the metal and the solvent on the formation of aromatic anion radicals initiating polymerization. E.A. IAkovleva and others. Dokl.AN SSSR 133 no.3:645-648 Jl '60.

On the discovery of the polymerizing influence of metallic sodium. M.L.Genusov. Trudy LTI no.58:43-44 '59.

Oxygen-initiated heterogeneous catalytic polymerization of ethylene in the presence of hydrogen N.I.Ershov, IA.T.Eidus, V.R.Erokhina. Dokl.AN SSSR 133 no 1: 108-111 Jl '60.

Polymerization of cycloolefins. A.V.Topchiev and others. Izv.AN SSSR.Otd.khim.nauk no.6:1140 Je '60.

Polymerization of ethylene on a chromium oxide catalyst. M.A.Dalin, L.IA.Vedeneeva, R.I.Shenderova Dokl. AN SSSR 133 no.1:182-185 Jl '60.

Polymerization of isobutylene. IA.T.Eidus, B.K.Nefedov Usp.khim 29 no.7:833-863 Jl '60

Polymerization of substituted divinyl ketones with ring formation. S.G.Matsoian, M.G.Avetian. Zhur.ob. khim. 30 no.7:2431-2432 Jl '60.

Telomerization reaction and new synthetic materials. R.Kh.Freidlina, E.I Vasil'eva, Sh.A.Karapetian Vest.AN SSSR 30 no.7:49-57 Jl '60.

Thermal stability and polymerization-initiating activity of diacyl peroxides of cinnamic and hydrocinnamic acids. I.V.Shkmanskaia, A.I.IUrzhenko. Zhur.ob.khim. 30 no.7:2108-2112 Jl '60.

POLYMERIZATION—STUDY AND TEACHING

How we organize the work of students with polymeric materials. V.P.Batiuk. Rad.shk. 39 no.7:84-86 Jl '60.

POLYMERS

Anticorrosion building-materials made with polymers. A.N.Ezerskii. Stroi.mat 6 no 5:16-17 My '60

Chemical conversions of unsaturated and high molecular weight compounds. Report No.14: Copolymerization of trivinylglyceric ester with methacrylic acid and its methyl ester. M.F.Shostakovskii, A.M.Khomutov. Izv.AN SSSR.Otd.khim.nauk no.6:1104-1107 Je '60

Compounding the compositions of mixtures based on cis-1,4-polybutadiene. H.E.Railsbeck, Ch.Ch.Biard, J.R.Hose. Kauch.i rez. 19 no.7:53-64 Jl '60.

Continuous processes in the production of high-polymer materials and articles S A.Zlatina. Plast massy no.5 71-78 '60

Effect of lead and copper naphthenates on the destruction of polymers in thickened oils. S.Z.Kaplan, V.K. D'iakov, N.I.Chuprik. Khim.i tekh.topl.i masel 5 no.7:38-42 Jl '60.

Experience in constructing equipment from chemically resistant polymer materials. IU.V.Dereshkevich. Khim.mash. no.4:24-28 Jl-Ag '60.

Interprovince seminar of chemists-lecturers N V Danilevskaia Plast massy no.5 78 '60.

Intragranular chemical transformations in vinyltoluene-divinylbenzene copolymers A B.Davankov, N.A Mordvintseva Zhur prikl khim 33 no 7 1676-1679 Jl '60

Irreversible flow of rubberlike polymers G.M.Bartenev Dokl AN SSSR 133 no 1 88-91 Jl '60

Method of determining the decomposition temperature of polymers O IA Fedotova, S A Zakoshchikov Plast massy no.5 64-65 '60

Molecular mechanism underlying the deformations of polymer substances. G.A.Patrikeev. Dokl.AN SSSR 133 no.2:405-408 Jl '60.

Mowilith Plast massy no 5 72-73 '60

Organic polymers with electrical and magnetic properties. V.D.Bitiukov. Vest.AN SSSR 30 no.7:98-100 Jl '60.

Polymers based on the products of the interaction between furfurole and diacetone alcohol and a boron-containing ester of diacetone alcohol I V Kamenskii and others Plast massy no 5 15-17 '60.

Using high polymers in lubricating oils. E.G.Semenido, N.V.Shchegolev, V.I.Sharapov. Vest.mash. 40 no.7: 38-41 Jl '60.

Very strong vinyl polymer (from "Rubber and Plastics Age," no 5, 1959) Plast.massy no 5 71-72 '60

POLYMYXIN

A new type of polymyxin, in polymyxin M [with summary in English]. A.S.Khokhlov and others. Antibiotiki 5 no.1:3-9 Ja-F '60.

POLYNOMIALS

Approximate solution for a thin rectangular strip in power polynomials [with summary in English]. M.O.Peklov. Dop.AN URSR no.5:613-618 '60.

POLYPLOIDY

Method for experimental induction of polyploidy by the use of colchicine. IA.G.Ogolevets. Biul.Glav.bot. sada no.38:106-108 '60.

Polyploidy in wheat. A.R.Zhebrak. Biul.Inst.biol.AN BSSR no.3:220-221 '58.

POLYSACCHARIDES

Chemical nature and serological properties of the specific polysaccharide-containing fraction of the plague microbe E.E.Bakhrakh, E.I.Korobkova, A F.Shalaeva Izv. Irk.gos.nauch.-issl.protivochum.inst. 16:127-133 '58.

Effect of aldehydes on the solution of polysaccharides and the formation of sugars in the sulfite cooking of cholocellulose. S.A.Sapotnitskii, A.G.Moskaleva. Zhur.prikl.khim. 33 no.5:1168-1172 My '60.

Isolation of the polysaccharide fraction from the plague microbe. E.E.Bakhrakh, F.K.Drozdovskaia. Izv. Irk.gos.nauch.-issl.protivochum.inst. 18:135-138 '58.

POLYZOA, FOSSIL see subdivision under Belgorod Province; Donets Basin

POPERECHNYI, ANATOLII

"Full moon"; verse by Anatolii Poperechnyi. Reviewed by K.Lesta. Zvezda no.5 214-215 My '60.

POPES—INFALLIBILITY

Infallible sinners. B.Tuliakov. Nauka i rel. no.7:92 Jl '60.

[Our Serafimovich; reminiscences] Nash Serafimovich; vospominaniia. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959. 286 p.
(NNC)

POPOV, ALEKSEI DMITRIEVICH
Reminiscences and reflections (continuation). Aleksei Popov. Teatr 21 no.6:110-122 Je '60

POPPY see subdivision under Yakutia

POPULISM (NARODNICHESTVO) see subdivision under Bulgaria

PORCUPINES
Shaggy cubs. IA. IAsyuchuk. Ukraina no.11:19 Je '60

POROSITY
Study of structural characteristics of the interstitial space based on electric logging data. L. A. Buriakovskii. Izv. vys. ucheb. zav.; neft' i gaz 3 no.6:9-18 '60

Studying the porosity of molding materials and molds [with summary in English]. O. M. Pavlyk. Dop. AN URSR no.4:468-473 '60.

Using geophysical methods for studying the porosity of water logged sands. V.S. Polevoi. Biul. MOIP. Otd. geol. 35 no.1:139-140 Ja-F '60.

POROUS MATERIALS
Determination of the forms of the moisture bond in some capillary-porous bodies by means of electric conductivity [with summary in English]. V.N. Chernopolenko. Inzh.-fiz. zhur. no.6:17-23 Je '60

Laminar boundary layer on a porous surface [with summary in English]. G.A. Kulonen. Vest. LGU 15 no.13:115-130 '60.

Porous materials for acetylene cylinders. L.L. Stekhovskii. Trudy VNIIAvtogen no.7:177-188 '60.

PORPHYRY see subdivision under Sangar region

PORTLAND CEMENT
Graphical calculation of portland cement raw mixes. V. E. Saparov. Tsement 26 no.3:26-30 My-Je '60.

PORTUGAL—COMMUNIST PARTY
They struggle against fascist terror. G. Kolomiets. Part. zhizn' no.11:69-72 Je '60.

PORTUGAL—POLITICS AND GOVERNMENT
They struggle against fascist terror. G. Kolomiets. Part. zhizn' no.11:69-72 Je '60.

PORTUGUESE COLONIES
The Mohicans of colonialism. Nov. vrem. 18 no.26:22 Je '60.

POSITRONS
Angular correlation of gamma quanta produced by the annihilation of positrons and electrons in bismuth. I. IA. Dekhtiar, V. S. Mikhalenkov. Dokl. AN SSSR 133 no.1:60-63 Jl '60.

POSTAGE STAMPS—CATALOGS see subdivision under China

POSTAL SERVICE
(see also subdivision under Leningrad, Moscow, Ul'yanovsk)

Delivery of mail to postal boxes which are equipped with call buttons. B. G. Nalbandian. Vest. sviazi 20 no.4:26-27 Ap '60.

POSTAL SERVICE—ACCOUNTING see subdivision under Erivan

POSTERS
The heroes of our time are the builders of communism; a literary poster. N. Ilova. Sots. kul't. 13 no.6:36 Je '60.

Posters should be equal to the tasks of the seven-year plan. B. Krivkov. Iskusstvo 23 no.6:7-15 '60.

POSTURE
Krakoviak, G. M. [Good posture; hygienic principles. Manual for teachers and parents] Vospitanie osanki, gigienicheskie osnovy; posobie dlia uchitelei i roditelei. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, Leningr. otd-nie, 1959. 134 p.

POTASH
Feasibility of open-pit mining of potassium deposits. A. N. Andreichev. Gor. zhur. no.7:14-17 Jl '60.

Practices of the Mironovka Experimental Station. N. A. Groshev. Nauka i zhizn' 27 no.5:18-19 My '60

POTASH INDUSTRY
(see also subdivision under White Russia)

Corrosion of architectural structures in a potash combine. M.I. Subbotkin. Prom. stroi. 38 no.7:11-15 '60.

POTASSIUM
Experimental determination of potassium vapor density at temperatures from 550 to 1200°C [with summary in English]. N.S. Grachev, P. L. Kirillov. Inzh. fiz. zhur. no.6:62-65 Je '60

"Sodium and potassium" by A. I. Alabyshev and others. Reviewed by I. IA. Vol'kind. Zhur. prikl. khim. 33 no.7:1661-1663 Jl '60

tions of Zn - Bi and K - Cd systems. M.I. Lantratov, E.V. Tsarenko. Zhur. prikl. khim. 33 no.5:1116-1130 My '60

POTASSIUM—ANALYSIS
Radiometric determination of potassium. V. I. Bel'skii, O.K. Tomin. Zav. lab. 26 no.6:707-709 '60.

POTASSIUM—ISOTOPES
Investigating the levels of K^{41} by means of the reaction $Ar^{40}(p,\gamma)K^{41}$. Izv. AN SSSR Ser. fiz. 24 no.7:891-894 Jl '60

POTASSIUM ACETATE
Thermodynamic properties of electrolytes in nonaqueous solutions. Part 9: Ethanol solutions of potassium acetate and benzoate [with summary in English]. I. I. Ivanova, N. A. Izmailov. Zhur. fiz. khim. 34 no.5:1021-1026 My '60.

POTASSIUM BENZOATE
Thermodynamic properties of electrolytes in nonaqueous solutions. Part 9: Ethanol solutions of potassium acetate and benzoate [with summary in English]. I. I. Ivanova, N. A. Izmailov. Zhur. fiz. khim. 34 no.5:1021-1026 My '60

POTASSIUM BORATE
Feasibility diagram for the ternary system comprising potassium metaborate, potassium metaphosphate, and potassium sulfate. I. IA. Fedorov. Zhur. neorg. khim. 5 no.4:917-919 Ap '60

POTASSIUM BROMIDE
Feasibility diagram in a ternary system of potassium, thallium and lead bromides. S. D. Gromakov, [illegible] A. G. Bergman. Zhur. neorg. khim. 5 no. [illegible] '60

Feasibility diagram of a ternary system consisting of sodium, potassium, and lead bromides. [illegible] G. G. Shchemeleva, A. G. Bergman. Zhur. neorg. khim. 5 no.6:1354-1358 Je '60

Preparation of high-purity potassium bromide. [illegible] Lur'e, L. I. Angelov, V. A. Rakovskaia. Trudy IREA no.23:29-30 '60.

Pretreatment and supplementary nutrition for seeds as a factor in raising crop yields. G. I. Shchitnia. Trud. VNIVI 6:100-104 '60.

Thermodynamic properties of fused salt mixtures. Part I: Method of determining the composition of the saturated vapor over fused salts. Composition of the saturated vapor of the system potassium chloride - potassium bromide [with summary in English]. N. I. IAlym-Agaev. Zhur. fiz. khim. 34 no.7:1556-1561 Jl '60.

POTASSIUM CHLORIDE
Investigating the spectrum of energy losses of electrons in NaCl and KCl. A. IA. Vinokin, IU. D. Lesnichenko. Izv. vys. ucheb. zav.; fiz. no.3:58-62 '60

Thermodynamic properties of fused salt mixtures. Part I: Method of determining the composition of the saturated vapor over fused salts. Composition of the saturated vapor of the system potassium chloride - potassium bromide [with summary in English]. N. I. IAlym-Agaev. Zhur. fiz. khim. 34 no.7:1556-1561 Jl '60.

POTASSIUM CHLORIDE—SPECTRA
Spectrum analysis of potassium, calcium, and sodium chlorides in flux salts. N. L. Elshkova, L. N. Kuntsev. Zav. lab. 26 no.6:666-667 '60.

POTASSIUM CHLORIDE CRYSTALS
Studying the effect of some factors on the microhardness of KCl and NaCl single crystals. IU. S. Boiarskaia and others. Kristallografiia 5 no.1:98-101 Ja-F '60.

POTASSIUM CHLOROPLATINATE
Reactions of selenious acid and potassium selenite with potassium chloroplatinite and chloroplatinate. G. V. Derbisher. Zhur. neorg. khim. 5 no.7:1441-1444 Jl '60.

POTASSIUM CHLOROPLATINITE
Reactions of selenious acid and potassium selenite with potassium chloroplatinite and chloroplatinate. G. V. Derbisher. Zhur. neorg. khim. 5 no.7:1441-1444 Jl '60.

POTASSIUM CHROMATE
Thermal decomposition of potassium isopolychromates. V. I. Spitsyn, N. S. Afonskii, V. I. Tsirel'nikov. Zhur. neorg. khim. 5 no.7:1505-1509 Jl '60.

POTASSIUM CYANATE
Fluorination of silver and potassium cyanides. A. IA. IAkubovich, M. A. Englin, S. P. Makarov. Zhur. ob. khim. 30 no.7:2374-2377 Jl '60.

POTASSIUM HYDROXIDE
Absorption of KOH by cellulose from water - alcohol solutions. V. I. Sharkov, V. P. Levanova. Zhur. prikl. khim. 33 no.7:1613-1616 Jl '60

[illegible]

POTASSIUM MERCURY ALLOYS
[illegible]

POTASSIUM METAPHOSPHATE
Feasibility diagram for the ternary system comprising potassium metaborate, potassium metaphosphate, and potassium sulfate. [illegible] 5 no.4:917-919 Ap '60

POTASSIUM PERCHLORATE
[illegible]

POTASSIUM PERMANGANATE
[illegible]

POTASSIUM SELENITE
[illegible]

[illegible]
[illegible]

POTASSIUM SULFATE
[illegible]

POTASSIUM ZIRCONIUM FLUORIDE
[illegible]

[illegible]
[illegible]

[illegible]
[illegible]

POTATOES
[illegible]
(DA)

[illegible] 1960. 118 p.

[illegible]

[illegible] 1960. 91 p. [illegible]
(DA)

POTATOES—MARKETING
[illegible]

[illegible]
[illegible]

POTENTIOMETRIC ANALYSIS

Potentiometric method of determining ammonia in a [illegible] ammonia electrolyte. N. A. Marchenko, V. F. [illegible] Zav. lab. [illegible] no. 7 [illegible] '60.

POTTERY

(see also subdivision under Dvin)

Using glazes made with "erevanite" and calcium metasilicate in making faience products. M. G. Manvelian, I. N. Alekseenko, M. K. Avetisian. Stek. i ker. 17 no.7: 23-29 Jl '60.

POTTERY, ARMENIAN

The wine vessels of Teyshebaini (Karmir-Blur) [In Armenian with summary in Russian]. Z. M. Kuzubian. Ist. filol. zhur. no.4:261-270 '60.

POTTERY, GREEK see subdivision under Berezan' Island

POTTERY, PRIMITIVE

(see also subdivision under Baikal region; Dnieper Valley, [illegible])

Neolithic settlement and burial mound at the Aleksandriya farmstead. D. IA. Telegin. Krat. soob. Inst. arkheol. AN URSR no.9:30 [illegible] '60.

POTTERY, UKRAINIAN

Flowers of the Ukraine. K. [illegible] Sov. Ukr. 10 no.8:121-124 Ag '60.

POULTRY

[illegible] million head of poultry. N. Kruchina. Mol. [illegible] no. 7:10-21 Jl '60.

POULTRY—DISEASES AND PESTS

Effect of sulfonamides administered to chicks on the [illegible] capacity of oocytes of the chicken [illegible] [with summary in English]. Z. M. [illegible] Zool. zhur. 39 no. 7 [illegible] Jl '60.

POULTRY—FEEDING AND FEEDS

Enlisting students' help in the collection of mollusks for poultry feed. E. IA. [illegible], P. M. [illegible] Biol. v shkole no. 3:60-61 My-Je '60.

POULTRY—PARASITES see Parasites—Poultry

POULTRY—PHYSIOLOGY

Age variation in the physiology of bile secretion in hens. V. V. Il. Trudy Inst. fiziol. AN Kazakh. SSR [illegible] '59.

Bile secretion in domestic fowl. V. V. Il. Trudy Inst. fiziol. AN Kazakh. SSR [illegible] 96-101 '60.

POULTRY BREEDING see subdivision under Siberia

POULTRY HOUSES AND EQUIPMENT

New designs of poultry houses. M. [illegible] Sil'. bud. [illegible] 4:15-17 Ap '60.

POVARNITSYN, VLADIMIR ALEKSEEVICH, 1899

V. A. Povarnitsyn's 60th birthday. I. I. [illegible] [illegible] no 3 [illegible] '60.

POWDER METAL PROCESSES

X-ray investigation of iron and steel surfaces following [illegible] by the method of powder diffusion. N. V. [illegible], G. N. Dubinin. [illegible] metalloved. [illegible] no. 6: [illegible] Je '60.

POWDER METALLURGY

Further development of powder metallurgy in the Ukraine. [illegible] Dop. AN URSR no. 3:305-308 '60.

Kinetics of the sintering of metallic powders. R. S. Minto. Zhur. neorg. khim. 5 no. 4:908-913 Ap '60.

The nature of "powder metallurgy." IU. Kardinovskii [illegible] no 10 [illegible] '60

Rolling iron-nickel powder into strips. N. I. Bakulin. Sbor. trud. TSNIICHM no. 23 33-35 '60.

[illegible] copper powder. P. M. Savitskii, A. I. Vlasov [illegible] 33 no 7:72-77 Jl '60.

POWER ENGINEERING

(see also subdivision under France; Great Britain; Russia)

Approved the conditions of socialistic competition in industrial enterprises for saving electric power and confirming the conditions of All-Union competition for the best proposal connected with the saving of electricity and heat. Prom. energ. 15 no 6:53-54 Je '60.

[illegible] Energokhoz za rub. no. 3:48 My-Je '60.

Present [illegible] of thermal power engineering in the U.S.S.R. and the problems of thermodynamics. M. P. Vukalovich, V. A. Kirillin. Teploenergetika 7 no. 7 [illegible] Jl '60.

[illegible] technical journals. Prom. energ. 15 no. 6:62 [illegible]

[illegible] power engineering organizations. Energo- [illegible] 3:47-48 My-Je '60

[illegible] Prom. energ. 15 no. 6:48 Je '60.

[illegible] on the methods of utilization of solid fuel in power engineering. D. IU. Gamburg. Khim. i tekh. [illegible] 5 no. 5:72 My '60.

[illegible] for the use of solid fuels for power [illegible] A. P. Baskakov, N. F. Rysakov. [illegible] Trudy Ural. politekh. inst. [illegible] 45 '59

Survey of the technical press. Prom. energ. 15 no. 6: 49 Je '60.

Technical and economical comparisons should be carried out according to uniform method. V. IA. Miagkov. Prom. energ. 15 no. 6:37-40 Je '60.

POWER ENGINEERING—EQUIPMENT AND SUPPLIES

Conference on the use of heat-resistant steels in power machinery manufacture. M. N. Sokolova. Energomashinostroenie 6 no. 7,31 Jl '60.

POWER PRESSES see subdivision under Voronezh

POWER PRESSES—MAINTENANCE AND REPAIR

Reconditioning the stand of a three-ton hammer. G. Z. Voloshkevich, V. M. Khrundzhe, I. I. Sushchuk-Slusarenko. Avtom. svar. 13 no. 7:76-79 Jl '60.

POWER PRESSES—WELDING

Welding and strengthening the frame of a forging and die stamping press. I. A. Kesel'man. Svar. proizv. no. 7:11 31 Jl '60.

POWER RESOURCES

(see also subdivision under Ural Mountain region)

Earth's hot breath. I. N. Dvorov. Nauka i zhizn' 27 no. 6:17 22 Je '60.

Red coal. R. Shapiro. Znan. sila 35 no. 6:6-8 Je '60.

POWER TRANSMISSION

Selecting parameters of the pulse mechanism in an infinitely variable torque converter. G. G. Vasin. Izv. vys. ucheb. zav.; mashinostr. no. 6,26-34 '60.

POZNAN, POLAND—EXHIBITIONS

Fifty-six flags over Poznan. A. Panfilov. Nov. vrem. 18 no. 28:27-29 Jl '60.

PRAGUE—BOTANICAL GARDENS

Botanical Garden of the Caroline University in Prague. P. S. Chernenko. Bot. zhur. 45 no 6:929-930 Je '60.

PRAGUE—ELECTRIC CURRENT RECTIFIERS—COOLING

Soldered mercury rectifiers with air cooling. Elek. i tepl. tiaga 4 no. 5:47 My '60.

PRAGUE—ELECTRIC RAILROADS—SUBSTATIONS

Soldered mercury rectifiers with air cooling. Elek. i tepl. tiaga 4 no. 5:47 My '60.

PRAGUE—PEACE—CONGRESSES

Activity of the Christian Conference for the Defense of Peace in Prague. I. Pavlinkii. Zhur. Mosk. Patr. no. 5:44 46 My '60

PRAVDA

The newspaper "Pravda" as a source for studying the developing and strengthening of friendly relations among the peoples of the U.S.S.R. M. R. Morozov. Ukr. ist. zhur. 3 no. 4:109-117 Jl-Ag '60.

PRECAST CONCRETE

(see also subdivision under Great Britain; Moscow; Ukraine)

Conference on precast reinforced concrete. Strol. i arkhit. 8 no 5:29 30 My '60.

Conference on the mechanization of production and use of prestressed reinforced concrete construction elements. Prom. stroi. 38 no. 6:63-64 '60

Current problems in developing precast prestressed reinforced concrete construction elements. A. A. Gvozdev. Bet. i zhel.-bet. no. 7:295-297 Jl '60.

Designing for skew deflection reinforced concrete crane beams, purlins, and horizontal frame elements of external walls with double and single reinforcements. M. S. Torianik. Bet. i zhel.-bet. no. 6:285-291 Je '60.

Efficient type of establishment for the manufacture of precast concrete elements for the construction of irrigation systems in the southeast. IU. I. Kochnev. Trudy SIMSKH no 11 [illegible] '59

Let's put all possibilities for improving the production of precast reinforced concrete in the service of the seven-year plan. K. A. Antonov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2 179-191 '60

Molds for making parts of houses of the 1-464 series. N. K. Karapetov, M. I. Vasil'ev. Stroi. i dor. mashinostr. 5 no. 6:9-12 Je '60.

Some problems in the analysis of modern precast reinforced concrete floors from the technical and economic point of view. M. D. Kontridze. Soob. AN Gruz. SSR 24 no. 4:443-449 Ap '60.

Unit for making reinforced concrete products by the method of continuous vibration rolling. N. IA. Kozlov. Stroi. i dor. mashinostr. 5 no. 6:13-16 Je '60.

Ways of increasing the working capacity of active plants manufacturing precast reinforced concrete products. S. Krongauz. Stroi. i arkhit. Mosk. 9 no. 7:32-35 Jl '60.

Zhukovskii, A. B. [Potentialities for the increase of the production of precast reinforced concrete; technical and economic analysis] Rezervy promyshlennosti sbornogo zhelezobetona, tekhniko-ekonomicheskii analiz Moskva, Gosplanizdat, 1960. 271 p.

PRECAST CONCRETE—STANDARDS

Standardized reinforced concrete products for multistoried industrial buildings with girder ceilings. S. P. Dmitriev, G. V. Vyzhigin. Prom. stroi. 38 no. 7·11-14 '60.

PRECAST CONCRETE—TESTING

Remarks on S. S. Krotovskii's book "Field testing of large precast reinforced concrete construction elements." N. M. Sheinfel'd, V. V. Bulgakova. Bet. i zhel.-bet. no. 6:201-202 Je '60.

PRECAST CONCRETE—TRANSPORTATION

Transporting long precast reinforced concrete construction elements of industrial buildings. R. G. Shishkin. Prom. stroi. 40 no. 6 33-36 '60

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under France, Leningrad, Lyublino; Northern Donets-Donets Basin Canal; White Russia)

[illegible]

sbornykh konstruktsii. Moskva, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1960. 263 p.

Al'perovich, S. Z. [Handbook for assemblers of precast reinforced concrete construction elements] Pamiatka montazhnika sbornykh zhelezobetonnykh konstruktsii. Kiev. Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 157 p.

Assembly weight of precast elements and the use of cranes. V. M. Usenko. Prom. stroi. 38 no. 6:47-48 '60.

Conference on the mechanization of production and use of prestressed reinforced concrete construction elements. V. I. Ilashkin. Gidr. stroi. 30 no. 7:62-63 Jl '60.

Cross-type construction elements. IU. Ratnovskii, P. Rudin. Stroi. i arkhit. Mosk. 9 no. 7;24-29 Jl '60.

Data on the inspection of precast tunnel linings. N. V. Smirnov. Transp. stroi. 10 no. 5·43-45 My '60.

Economic effectiveness of housing construction combines. A. Krakovich. Zhil. stroi. no 5 2-4 My '60

Editorial. Zhil. stroi. no. 7:1 Jl '60.

Equipment for large-panel construction plants making houses of the 1-335 series. I. G. IUzbashev. Strol. i dor. mashinostr. 5 no. 6;5-9 Je '60.

Equipment for making construction elements for large-panel houses having a capacity of 5,000 to 10,000 m^2 of living space yearly. N. N. Davydov. Strol. i dor. mashinostr. 5 no. 6:21-26 Je '60.

Erecting hydraulic structures with use of sectional reinforced concrete cribwork. M. Syroezhin. Rech. transp. 19 no. 5·40-42 My '60.

Exhibition pavilion in Paris. IU. V. Chinenko. Bet. i zhel.-bet. no. 6·281-284 Je '60.

Expand the production of high-capacity equipment for large-panel housing construction. Stroi. i dor. mashinostr. 5 no. 6;3-5 Je '60.

Indicators of labor requirements in housing construction. A. A. Krakovich. Stroi. i arkhit. Len. 22 no. 6,26 '60.

Industrially sectional construction of navigational sluiceways. V. Krylov, S. Sobolev. Rech. transp. 19 no. 5: 36-38 My '60.

Koroleov, A. M. [The organization of work in an assembling brigade] Organizatsiia raboty v brigade montazhnikov. [Moskva] Mosk. rabochii, 1959. 53 p. (Stroiteli obmenivaiutsia opytom)

Making details of large-panel apartment houses of the 1-335 series. A. A. Balashov, V. F. Livanov. Transp. stroi. 10 no. 5·26-29 My '60.

Mechanized units for molding three-dimensional elements of apartment houses. D. N. Plekhov, P. P. Miroshnikov, K. R. Kucherenko. Stroi. i dor. mashinostr. 5 no. 6:31-34 Je '60.

Precast diaphragms for span structures. Z. Froidina and others. Avt. dor. 23 no. 7:32-3 of cover Jl '60.

Problems in the further development of precast reinforced concrete used in industrial construction. K. N. Kartashov, V. G. Mikhailov, N. M. Mulin. Prom. stroi. 38 no. 7;2-5 '60.

Shevelev, A. P. [Precast construction and its economic effectiveness] Sbornoe stroitel'stvo i ego ekonomicheskaia effektivnost'. Moskva, Gosplanizdat, 1960. 157 p.

Six simple components. A. Mashkov. Izobr. i rats. no. 8:15-17 Ag '60.

Standard housing construction combine. I. G. IUzbashev. Stroi. i arkhit. Len. 22 no. 6,3-6 '60.

Standardization of precast construction elements of apartment houses and buildings serving cultural and public needs. S. Zmeul and others. Arkhit. SSSR no. 7:33-36 '60.

Strength of concrete cohesion in joints using different methods for concreting and treating concrete surfaces. I. S. Kuvykin. Gidr. i mel. 12 no. 6:39-43 Je '60.

Testing the stability and deformability of the abutment joints of precast reinforced concrete construction elements. V. A. Osipov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2:75-86 '60.

Using new techniques on Warsaw construction sites. B. Kalinskii. Zhil. stroi. no 5 28-29 My '60.

PRECISION CASTING

High precision iron casting in semipermanent molds. A.N.Antonov. Lit.proizv. no.7:1-5 Jl '60.

Making hollow patterns for investment casting with use of compressed gas or liquid. P.V.Sorokin, IA.I.Nalivaiko. Lit.proizv. no.7:41 Jl '60.

PRECISION CASTING—EQUIPMENT AND SUPPLIES

Kondrat'ev, IU.P. [Design of cast parts for precision casting equipment] Konstruirovanie litykh detalei i osnastki dlia lit'ia po vyplavliaemym modeliam. Leningrad, Gos.soiuznoe izd-vo sudostroit.promyshl. 1960. 198 p.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGEL DELTA REGION—HYDROLOGY

Hydrological characteristics of estuary regions of the Neman and Pregel Rivers. I.L.Markova, L.IA.Recha. Trudy GOIN no.40:110-168 '60.

PREGNANCY

Acetylcholine and histamine content of blood during different periods of pregnancy. B.G.Satadian. Izv.AN Arm.SSR.Biol.nauki 13 no.1:63-73 Ja '60.

Course of pregnancy, labor, and fetal development in rats following hypothermia at various stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N.G.Kosheleva. Arkh.anat.gist.i embr. 38 no.1:[illegible]-30 Ja '60.

Embryogenesis in rats following hypothermia in the early stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N.A.Tripol'skaia. Arkh.anat.gist.i embr. 38 no.1:20-24 Ja '60.

Hypnotic suggestion in pregnancies beyond term. A.K.Poplavskii. Kaz.med.zhur. 40 no.5:131 S-O '59.

Mechanism of the regulation of relations between the fetus and mother. A.A.Loginov. Uch.zap.AGU Biol.ser. no.1:53-60 '59.

Some data on the secretion of nitrogenous substances by the parotid salivary glands in sheep in relation to pregnancy. M.K.Stepankina. Trudy Inst.fiziol.AN Kazakh.SSR 3:40-43 '59.

PREGNANCY, EXTRAUTERINE

Combination of fibromyoma of the corpus uteri with extrauterine pregnancy. F.M.Sabirov. Kaz.med.zhur. 40 no.5:78-79 S-O '59.

PREGNANCY, MOLAR

Clinical course and outcome of hydatid mole. M.T.Nestorenko. Fel'd.i akush. 25 no.5:7-10 My '60.

Hydatid mole and chorionepithelioma. A.P.Kiriushchenkov. Fel'd.i akush. 25 no.5:3-7 My '60.

PRESCHOOL EDUCATION see Education, Preschool

PRESCRIPTION WRITING

Khmelevskii, V.N. [Clinical prescription writing for the obstetrician and gynecologist; handbook for physicians] Klinichna retseptura akushera-ginekologa, posibnyk dlia likariv. Kyiv [Derzhmedvydav] URSR, 1959. 83 p.
(DNLM)

PRESS see subdivision under Great Britain; Poland

PRESSURE VESSELS

Efficient method of designing pressure vessels. Svar.proizv. no.7:38-39 Jl '60.

Simple device for producing pressures of predetermined values up to 200 atmospheres [with summary in English] S.I.Skliarenko and others. Zhur.fiz.khim. 34 no.5:1136-1138 My '60.

PRESSURE VESSELS—WELDING

Electric slag welding of spherical electric dehydrators. V.G.Radchenko, V.S.Shaniuk. Avtom.svar. 13 no.6:37-41 Je '60.

PRESTRESSED CONCRETE

Answers to readers' questions. Bet.i zhel.-bet. no.7:337 Jl '60.

Effect of the stress transmission on the distribution of preliminary stresses in anchorage zones. V.M.Kol'ner. Bet.i zhel.-bet. no.7:319-321 Jl '60.

Equipment for stretching the reinforcements of reinforced concrete construction elements. I.E.Evgen'ev. Trudy NIIZHB no.13:5-24 '60.

Investigating losses of preliminary stress in bundle reinforcements during their stretching by double-action jacks. E.V.Shilov. Trudy NIIZHB no.13:25-38 '60.

Investigating properties of injection mixes and the forcing of them into channels of prestressed reinforced concrete construction elements. N.G.Matkov. Trudy NIIZHB no.13:39-70 '60.

Production of prestressed reinforced concrete. IU.D.Vidineev. Gidr.stroi. 30 no.6:18-24 Je '60.

Remarks about an article. A.Litvinov. Avt.dor. 23 no.7:27 Jl '60.

Using prestressed concrete construction elements reinforced with double-stranded ropes. I.S.Gaklin. Bet.i zhel.-bet. no.7:303-306 Jl '60.

Using prestressed reinforced concrete in constructing railroad bridges. V.G.Andreev. Bet.i zhel.-bet. no.7:306-310 Jl '60.

PREVENTIVE MEDICINE see Medicine, Preventive

PRIAKHINA, NADEZHDA

Zalutskii, G.V., and P.G.Bad'in. [Nadezhda Priakhina, world champion] Chempionka mira Nadezhda Priakhina. Moskva, Izd-vo DOSAAF, 1960. 45 p.

PRICE REGULATION

Change in the price system and recomputing retail prices of consumer goods. A.Odintsova. Sov.torg. 33 no.7:3-4 Jl '60.

Scholarly study of price problem ("Studies on price regulation in the U.S.S.R." by Sh.IA.Turetskii. Reviewed by A.Prosandeev). Sov.torg. 33 no.7:39-41 Jl '60.

PRICES

Is the reduction of prices the only factor in the growth of our people's material welfare? V.I.D'iachenko. Polit.samoobr. 4 no.5:[illegible]-88 My '60.

Price dynamics in collective farm trade. I.Beliaevskii. Sov.torg. 33 no.6:36-40 Je '60.

PRIMERS

Boltnova, A.F., L.A.Varkovitskaia, and L.A.Vobleva. [First-year reader with a supplementary Russian national language vocabulary for elementary schools of the northern peoples] Kniga dlia chteniia v pervom klasse nachal'noi shkoly narodov Severa s prilozheniem russko-natsional'nykh poiasnitel'nykh slovarei. Izd.3., perer. Leningrad, Gos.uchebno-pedagog.izd-vo M-va pros.RSFSR, Leningr.otd-nie, 1959. 207 p.

PRIMITIVE ART see Art, Primitive

PRIMITIVE SCULPTURE see also subdivision 'Sculpture Primitive' under Europe, Western; Siberia

PRIMROSES see subdivision under Maguntan, Mount

PRINCE, FRANK D.

Morals of the bourgeois press. Sov.pech. no.7:50 Jl '60.

PRINTED CIRCUITS

Preparation of printed circuits by amateurs radio operators. A.Khodakov. Radio no.7:30 Jl '60.

PRINTERS—DISEASES AND HYGIENE see subdivision under Kazan

PRINTING

Checking the amount of composed matter and comparing the number of lines with typewritten copies. I.P.[illegible]del'mant. Poligr.proizv. no.5:9-12 My '60.

Improve printing methods and the format of Soviet books. Poligr.proizv. no.6:1-2 Je '60.

On the history of the Russian book of the 16th century. B.V.Sapunov. Trudy Gos.Erm. 3:5-15 '59.

Outlook for the development of various printing methods. N.I.Spikhnulin. Poligr.proizv. no.5:4-6 My '60.

PRINTING—EXHIBITIONS

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Pavil'on "Sovetskaia kniga." [Achievements of Soviet printing industry, prospectus of the exhibition on this subject] Dostizheniia sovetskoi poligrafii, prospekt tematicheskoi vystavki. Moskva, 1960. 63 p.

PRINTING—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

PRINTING INDUSTRY

(see also subdivision under Kiev, Kolomna, Krasnoyarsk, Moscow, Mytishchi District, Serpukhov, Sverdlovsk)

Answers to questions concerning labor and wages. Poligr.proizv. no.6:31-34 Je '60.

Answers to readers' questions. Poligr.proizv. no.5:30-31 My '60.

Brief news. Poligr.proizv. no.6:31-32 Je '60.

Let's establish methods for developing printing techniques. Poligr.proizv. no.5:1-2 My '60.

Planning new printing plants. P.A.Matveev. Poligr.proizv. no.5:3-4 My '60.

Preparing for the conversion to the seven-hour workday and the new wage system in the printing industry. Poligr.proizv. no.5:30 My '60.

Questions of the technical and economic effectiveness in the introduction of printing techniques in the U.S.S.R. D.S.Gorbachevskii. Sbor.trud.MZPI no.6:305-321 '58.

[Transition to a shorter workday and new wage schedule in the printing industry, recommendations] Perekhod na sokrashchennyi rabochii den' i novye usloviia oplaty truda v poligrafii, rekomendatsii. Moskva, Gos.izd-vo "Iskusstvo," 1960. 125 p.

What prevents the conversion to the seven-hour workday. Poligr.proizv. no.5:6-7 My '60.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

Supply new and modern [illegible] A.A.Av[illegible] Poligr.proizv. no.6:[illegible] Je '60.

PRINTING INDUSTRY—HYGIENIC ASPECTS

Printers are waiting [illegible]

PRINTING INDUSTRY—PRODUCTION STANDARDS

Russia (1923- U.S.S.R.) [illegible] [Unification and production norms for [illegible] in the printing industry] [illegible] Moskva, Gos.izd-vo "Iskusstvo."

No.1. [Large-scale production] [illegible] proizvodstvo. 1960. [illegible] p.

No.2. [Medium-scale production] [illegible] proizvodstvo. 1960. [illegible] p.

No.3. [Small-scale production] [illegible] proizvodstvo. 1960. 54 p.

PRINTING MACHINERY AND SUPPLIES

(see also subdivision under [illegible])

Berezin, B.I. [Printing [illegible], a textbook] Poligraficheskie materialy, uchebnik. [illegible] 1960. [illegible] p.

[illegible] [Technology of printing [illegible]] [illegible] Moskva, [illegible] 1960. 176 p.

What's new in printing [illegible] 25-26 My '60.

What's new [illegible]

PRINTING PLATES

[illegible]

[illegible] Poligr.proizv. [illegible]

[illegible] 1960. [illegible] p.

[illegible]

PRINTING PRESSES

Pneumatic unit for [illegible] Poligr.proizv. no.5:21 My '60.

PRINTING PRESSES—MAINTENANCE AND REPAIR

Wear and [illegible] Poligr.proizv. [illegible] My '60.

[illegible]

[illegible] 1960. 124 p. [illegible]

[illegible]

[illegible]

[illegible]

PROBABILITIES

[illegible]

PROB[illegible] see [illegible] Vykes [illegible]

[illegible]

[illegible] for prospecting [illegible] by the [illegible] phase method. [illegible]

[illegible]

[illegible] primitive society [illegible] historical division. A. I. [illegible]

[illegible] the development of collective farm [illegible] building of [illegible] Moskva [illegible] Ag '60.

[illegible]

[illegible]

[illegible] AL METHODS

Further ways to expand geophysical prospecting in the Soviet Union. [illegible]

Gamburtsev, G. A. [Selected studies] Izbrannye trudy. Moskva, Izd-vo Akad nauk SSSR, 1960. 461 p.

Geophysical prospecting. [illegible] Nauka i zhizn' [illegible] My '60.

[illegible], Z. A., and G. K. [illegible] [Using geophysical methods for studying iron ore formations in the Ukrainian crystalline shield] [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1960. 100 p.

[illegible], V. A. [Borehole logging in prospecting for complex [illegible] ores] [illegible] [Leningrad] Izd-vo Leningr. univ., 1960. 207 p.

[Mining geophysics] Prom. geofiz. no. 1 '60. [Collection of articles translated from foreign language periodicals.]

Principles to follow in constructing geophysical apparatus for [illegible] frequency [illegible]

[illegible]

Using geophysical [illegible] for studying the porosity of water [illegible]

PROSPECTING — SAFETY MEASURES

A useful [illegible] for production and safety engineers. [illegible]

[illegible]

[illegible] Ivanov[illegible]

[illegible]

[illegible]

Central antagonism between ganglionic [illegible] and proserine [with summary in English]. [illegible]

[illegible]

[illegible] in the [illegible] peripheral synapses [with summary in English]. [illegible]

[illegible]

New [illegible] chemistry of protactinium. [illegible]

[illegible]

[illegible]

PROTECTIVE ATMOSPHERES

Argon-arc [illegible] welding of [illegible]

Automatic [illegible] welding of pipelines in an air atmosphere [illegible] Svar. proizv. no. 8 [illegible] Ag '60.

Automatic welding [illegible]

[illegible] Svar. proizv. [illegible]

[illegible]

Metal [illegible] welding in an atmosphere of carbon dioxide. A. [illegible] Svar. proizv. [illegible]

Welding horizontal seams on a vertical surface with carbon dioxide arc shielding. D. A. Dudko, V. M. [illegible] Avtom. svar. 13 no. 7:[illegible] Jl '60.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

[illegible] coatings of steel [illegible]

[illegible] materials. [illegible]

Moisture resistance of electrodes with plastic coatings. [illegible] Svar. proizv. no. 8:13-14 Ag '60.

ECTIVE COATINGS (Continued)

equipment for preparing protective plastics. D.S. mnberg. Strol.truboprov. 5 no.6:21-24 Je '60.

elpies of drying priming coats. V.I.Bulnov, V.V nmolarskii. Strol.truboprov. 5 no.6:10 Je '60.

ometric method of measuring the thickness of coatings. M Khrenkova Zav lab. 26 no.7:833-835 '60.

dizing rubbing surfaces of rolling mill parts. V.IA. adchii. Sbor.Inst.stali no.39:210-225 '60.

ECTIVE COATINGS—MAINTENANCE AND REPAIR

erwater repair of pipeline coatings. V.I.Zhukov. ol.truboprov. 5 no.6:19-20 Je '60

EIN METABOLISM

ology of protein synthesis in the animal cell" by B.V. hrovskii. Reviewed by I.B.Zbarskii. TSitologiia 2 3:385-386 My-Je '60.

ct of ionizing radiation on protein metabolism in the ain. K.I.Pogodaev, M.S.Osipova, Z.I.Kuzneva. udy Inst.vys.nerv.deiat.Ser.fiziol. 5:230-243 '60.

ct of ionizing radiations on protein metabolism in lei, mitochondria, and the cytoplasm of the getable organism. N.B Strashevskaia Biofizika no.3 346-353 '60.

ct of stimulation of chemoreceptors of the kidney, leen and the mechanoreceptors of the stomach on e proteolytic enzyme activity of the blood A I Ka ov, L A.Aivazian Uch zap AGU Biol ser no 1 -63 '59

usion of S^{35} methionine in the protein of the tissues rabbits' extremities following the action of periodic ooning of a tourniquet. I E.Malakhov. Uch.zap. go MOMI 17:119-126 '60.

rporation of S^{35} methionine into the proteins of bbit brains following the action on the extremities a discontinuously applied tourniquet. V.A.Konyshev. h.zap.2-go MOMI 17:199-204 '60.

rporation of S^{35} methionine into the proteins of bbit brains following the removal of a tourniquet m the extremities. V.A.Konyshev. Uch.zap.2-go MI 17:187-198 '60.

ence of a novocaine block on the corporation of ^{5} methionine into the protein of the muscles and skin the extremities following the action of a tourniquet E.Malakhov. Uch.zap.2-go MOMI 17:143-148 '60.

ality of protein metabolism in the liver following the of a tourniquet. I.E.Malakhov. Uch.zap.2-go MI 17:205-210 '60.

ein metabolism and immunological peculiarities of ular organoids in acute radiation sickness. I.I. a, B.V.Petrov. TSitologiia 2 no 3:296 301 My Je

e indications of protein metabolism following peroral of massive doses of [illegible] in young school ldren V.A.Nichiporuk Pat.,klin.i terap.tub 8:30 40 '60

es on the regulation of protein metabolism in gastric ues by the use of labeled methionine (S^{35}). R I Se ov. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no 3 -140 '60.

INS

e enzyme preparation from swine pancreas for tting protein. P.I.Golubev. Lab.delo 6 no.3 34 My-Je '60.

vity of respiratory enzymes and productivity of pro n synthesis in certain amino autotrophic bacteria th summary in English] M.V Fedorov, N.M nleanikova Mikrobiologiia 29 no 1 35 39 My Je

t of enzymic preparations of molds on the elastic- ition viscous properties of hydrated protein and ch structures. B.A.Nikolaev, S S Shkadina l AN SSSR 133 no.4:893-896 Ag '60

action between lipoids and proteins of oil-bearing ds during the extraction of oil. V.P.Rzhekhin, Pogonkina. Masl.-zhir.prom. 26 no.7:17-19 '60.

raction between N-benzoyl (O-benzoylphenylalanyl)-) serine and proteins M M Botvinnik A P dreeva Dokl AN SSSR 133 no 1:99 101 Jl '60

ying the stability of protein structures by the method nonstationary heat exchange of protein solutions in igh frequency field [with summary in English] V.K uch, E A Frenkel' Biofizika 5 no 3:254 259 '60

EINS—ELECTRIC PROPERTIES

chemical studies of changes in the isoelectric point the dynamics of desoxyribonucleic acid in the devel nent of a malignant tumor [with summary in English] P Volosyk, O M Berkovych O A.Sukachova Dop URSR no 3:383-386 '60

CUS

tivity of Proteus to some antibiotic and nitrofuran parations [with summary in English]. A.B Chernom dik and others. Antibiotiki 5 no 3:61-63 Ja F

ROMBIN

nt of prothrombin and quantity of thrombocytes in tons at various ages. Sh.A.Sponlonkotskii L.I. chenko. Vrach.delo no 7:51-54 Jl '60.

Physiology of thrombocytes and prothrombin in lambs. F.A.Izmailova Trudy Inst.fiziol AN Kazakh SSR 2:126-130 '59

Simple method of obtaining blood for the determination of the prothrombin content. V.D.Ulitnov. Lab.delo 6 no.3 15 My Je '60.

PROTOCHLOROPHYLL—SPECTRA

Spectral characteristics of protochlorophyll in plants of different taxonomic groups. N.K.Akulovich. Biul. Inst.biol.AN BSSR no.3 99-105 '60.

PROTONS

Angular distribution of Na^{24} nuclei and fission fragments in the interaction of high energy protons with nuclei of gold and uranium. A.K.Lavrukhina and others. Zhur.eksp.i teor.fiz. 38 no.3:994-996 Mr '60

Angular distribution of protons in connection with inelastic scattering on isotopes of chromium and nickel. M.V.Pasechnik, N.N.Pucherov, V.I.Chirko. Izv.AN SSSR.Ser.fiz. 24 no.7:874-876 Jl '60

Creation of antiprotons in the interaction of [illegible] with nucleons Van Gan chan and others. Zhur.eksp.i teor.fiz. 38 no.3:1010-1011 Mr '60

Double protonation of hydrazo compounds does not take place in the course of rearrangement V O Lukashevich Dokl AN SSSR 133 no 1:115-118 Jl '60

Elastic scattering of 128 and 163 Mev [illegible] by protons [with summary in English] IU A Budagov and others Zhur.eksp.i teor.fiz. 38 no 3:[illegible] Mr '60.

Elastic γp-scattering at energies of from 40 to 70 Mev and the polarizability of the proton [with summary in English]. V.I.Gol'danskii and others. Zhur.eksp.i teor.fiz. 38 no.6:1695-1707 Je '60.

Electronic photography of proton beams V M Grebenkin and others Zhur.nauch.i prikl.fot.i kin. [illegible] 297-300 My Je '60

Fission of uranium nuclei induced by 9 Mev protons [with summary in English] N A Perfilov and others Zhur.eksp.i teor.fiz. 38 no 3:716-718 Mr '60

Formation of charge carrying mesons by 100 Mev negative pions on hydrogen IU A Batusov and others Dokl AN SSSR 133 no 1:[illegible] Jl '60

Influence of Coulomb attraction on the [illegible] section for absorption of antiprotons by nuclei [with summary in English] P I Nemirovskii, IU D Ezhkov Zhur.eksp.i teor.fiz. 38 no 5:1496-1498 My '60

Interaction between 660 Mev protons and He [illegible] [with summary in English] M [illegible] Zhur.eksp.i teor.fiz. 38 no 3:[illegible]-715 Mr '60

Investigating the spectra of neutrons emitted in the disintegration of deuterons under the action of protons [with summary in English] V N [illegible] Zhur.eksp.i teor.fiz. 38 no [illegible] '60

Investigation of high energy protons formed in the photodisintegration of Li^{6} [with summary in English] K.D.Bazhanov, L.A.Kul'chitskii Zhur.eksp.i teor.fiz. 38 no.6:1685-1687 Je '60

Nuclear splitting in a photographic emulsion by [illegible] 930 Mev protons [with summary in English] [illegible] Lozhkin and others Zhur.eksp.i teor.fiz. 38 no 5 1388-1390 My '60

Photoprotons from [illegible] [with summary in English] E V [illegible] and others Zhur.eksp.i teor.fiz. [illegible] no 3 780 788 Mr '60

Polarization of recoil protons in the scattering of [illegible] Mev [illegible] mesons on hydrogen I M Vasilevskii, V V Vishniakov, Zhur.eksp.i teor.fiz. 38 no 5 1644 1646 My '60

Relative yield and energy distribution of [illegible] from copper A,P Lomnev, I P [illegible] Podshibiakin Dokl AN SSSR 133 no.4:[illegible] Ag '60

PROTONS—SCATTERING

Angular distributions of 6.8 Mev elastically scattered protons on chromium, nickel and copper [illegible] [with summary in English] A K Valter and others Zhur.eksp.i teor.fiz. 38 no 5:1419-1421 My '60

Elastic scattering of 6.5 Mev protons [illegible] [with summary in English] P K Markov and others Zhur.eksp.i teor.fiz. 38 no 5:1471-1472 My '60

Elastic scattering of protons by atomic nuclei. A,P. Klucharev. Izv.AN SSSR.Ser.fiz. 24 no 7:[illegible] Jl '60.

Elastic scattering of protons by Ne^{20} nuclei A.K. Valter and others. Izv.AN SSSR.Ser.fiz. 24 no 7 884 886 Jl '60.

Inelastic scattering of protons and deuterons [illegible] [with summary in English] O F Nemets, L A Prokopets Zhur.eksp.i teor.fiz. 38 no [illegible] Mr '60

The (p, d) reaction and inelastic scattering of protons in Be^{9} [with summary in English]. O.F.Nemets, I.S. Saltykov, M.V.Sokolov. Zhur.eksp.i teor.fiz. 38 no.6 1661-1664 Je '60.

Theoretical interpretation of experimental results [illegible] p scattering in the proton synchrotron of the [illegible] Nuclear Research Institute I Patera [illegible] Zhur.eksp.i teor.fiz. 38 no [illegible] 1547-1549 My '60

Triple scattering of 660 Mev protons [illegible] dependence of depolarization [with summary in English] IU P Kumekin and others Zhur.eksp.i teor.fiz. 38 no 5 1451-1453 My '60

PROTOPLASM

[illegible]

PROTOZOOLOGY

[illegible]

PROVITAMINS

[illegible]

[illegible]

(see also subdivision under Gusev District, Kaliningrad Province; Kharkov Province; Kirghizistan, Mari A.S.S.R., Otrado-Kubanskoye, Krasnodar Kray)

Matveev, P.N. [Sanitation in the collective farm village; manual for the feldsher] Sanitarnaia ochistka kolkhoznogo sela; v pomoshch fel'dshera. Moskva, Medgiz, 1959. 87 p. (Biblioteka srednego medrabotnika)
(DA)

PUBLIC HEALTH ADMINISTRATION see subdivision under Kazakhstan

PUBLIC HEALTH LAWS

"Reference manual on sanitary legislation in the field of industrial, food, communal, and school hygiene" by M.IA.Suponitskii, B.I.Gordin, I.S.Kartelev. Edited by P.D.Fedchenko. Reviewed by I.M.Trakhtenberg. Vrach.delo no.6:655-657 Je '60.

PUBLIC HEALTH RESEARCH

Kalmykov, P.E. [Methods of research in hygiene] Metody gigienicheskikh issledovanii Moskva, Medgiz, 1953. 450 p.
(DNLM)

PUBLIC INSTITUTIONS see subdivision under Orel Province

PUBLIC INSTITUTIONS—ACCOUNTING see subdivision under Leningrad; Stalingrad

PUBLIC OPINION see subdivision under Great Britain

PUBLIC PROSECUTORS

From the editor's mail. Sots.zakon. 37 no.6:70 Je '60.

How the public prosecutors of the U.S.S.R. supervise the observance of legality. Sots.zakon. 37 no.6:88-90 Je '60.

Our readers discuss the contacts of public prosecutors and courts with the people. Sots.zakon. 37 no.6:52-54 Je '60.

We should persistently try to improve the forms and methods of public prosecutors' control over the observance of laws. D.Panasiuk. Sots.zakon. 37 no.6:30-35 Je '60.

UBLIC UTILITIES—COST OF CONSTRUCTION see subdivision under Ukraine

UBLIC WORKS

The future begins today. H.Bolshtev. Nauka i zhyttia 10 no.5:8-10 My '60.

UBLISHERS AND PUBLISHING

(see also subdivision under Czechoslovakia; Lvov)

Certain problems of the publishing industry in the U.S.S.R. B.S.Gorbachevskii. Sbor.trud.MZPI no.6:85-101 '59.

Coordinating the work of publishing houses. Sov.pech. no.7:60 Jl '60.

"Principles of book publishing" by M.I.Gillerman. Reviewed by V.V.Dinkevich. Poligr.proizv. no.6:30-30 Je '60

UERPERIUM

Role of the puerperal factor in the development of the schizophrenic process. A.A.Abaskuliev. Uch.zap AGU Biol.ser. no.1:65-69 '59

UERTO RICO—POLITICS AND GOVERNMENT

The struggle continues. E.Konstantinovskaia. Nova rev. 6:217-219 '60.

UKIREV, VASILII VLADIMIROVICH, 1832-1890

With the blessing of the church. A Anatol'ev. Sem'ia i shkola 15 no.5:33 My '60.

ULMONARY EDEMA

Study of the protein composition of the blood plasma and edema fluid in some types of experimental pulmonary edema [with summary in English]. I.A.Sereboovskaia. Pat fiziol.i eksp.terap 4 no.3:60-65 My-Je '60.

ULSE

Takayasu's disease. I.M.Smirnov and others. Kaz. med.zhur. 40 no.5:111-115 S-O '59.

ULSE TECHNIQUES (ELECTRONICS)

Calculation of an electronic relay. V.I.Shpakov. Elektrosviaz' 14 no.6:18-23 Je '60.

ondition of absolute invariantness for open-circuited pulse systems [with summary in English] IU.V. Kremenitskii. Avtomatyka no.2:3-10 '60.

Contactless synchronous relay type detector for very low frequencies. V.I Vasil'ev, V.M Kuntsevich. Avtomatyka no.2:73-75 '60

Delta modulation is a new pulse modulation method G.N.Nosikova. Trudy Ural politekh.inst. no.79 173-183 '59

Demin, E.A., and L.A.Chinenkov. [Shift registers with ferrite cores in radio engineering] Registry sdviga na ferritovykh serdechnikakh v radiotekhnike. Moskva, Gos.energ.izd-vo, 1960. 60 p.

Design of a volt-to-digit converter [with summary in English]. A.K.Zavolokin, G.I.Kurakhtanov. Avtom.i telem. 21 no.6:902-906 Je '60.

Systems [with summary in English]. V.D.Mironov. Avtom.i telem. 21 no.6:833-839 Je '60.

Experimental use of semiconductor thermistors in time-delay circuits. M.A.Balashov. Trudy MAI no.112:121-124 '59.

The GIK-1 low-frequency square pulse generator Prib. i tekh.eksp no.2:161 Mr-Ap '60

Interference rejection of trigger regulators. V.A.Shpolianskii. Izv.AN SSSR.Otd.tekh.nauk.Energ.i avtom. no.3:57-63 My-Je '60.

The KV-2 time calibrator. Prib i tekh.eksp no.2:161-162 Mr-Ap '60.

Light-pulse generator used for investigating photoelectric multipliers IU V Makarov, N.M Meleshin. Prib.i tekh.eksp no.2:154-155 Mr-Ap '60

Operational stability of closed (or long) circuits using logic elements [with summary in English]. I. Gasikovets, N.P.Vasil'eva. Avtom.i telem. 21 no.6:802-801 Je '60.

Optimum control of systems with distributed parameters [with summary in English]. A.G.Butkovskii, A.IA. Lerner. Avtom.i telem. 21 no.6:682-691 Je '60.

Selection of optimum static parameters for a trigger circuit. B.N.Faizulaev, V.I.IAnushkovich. Radiotekhnika 15 no.7:60-66 Jl '60.

Shaping filter and optimum linear systems [with summary in English]. IU.P.Leonov. Avtom.i telem. 21 no.6:674-681 Je '60.

The ZG-14 sonic frequency generator Prib.i tekh.eksp no.2:162-163 Mr-Ap '60.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Ability of corrosion-resisting feed pump materials to withstand scratching. A.V.Ratner, L.G.Leonova. Elek.sta. 31 no.4:30-32 Ap '60.

Improving the operation of chemicals pumps. IU.A.Kirillov. Energetik 8 no.6:17-18 Je '60.

Performance testing of bitumen dosing pumps. M.I.Fomin, I.A.Kulev. Stroi.i dor.mashinostr. 5 no.7: 30-32 Jl '60.

PUMPING MACHINERY—TESTING

Results of tests on the BN-160 drilling pump. A.E. Rotte. Prom.energ. 15 no.6:20-25 Je '60.

PUMPING MACHINERY, ELECTRIC

Distortion of the symmetry of voltages and currents in induction machines and pumps with open magnetic circuits. A.I.Vol'dek. Izv.vys.ucheb.zav.; elektromekh. 3 no.5:3-9 '60.

Model of an electric waterpump. E.Gorov. IUn.tekh. 4 no.5:30-30 My '60.

PUMPING STATIONS

Automatic control of the condensate-pumping station. A.M.Vertkin. Gidroliz.i lesokhim.prom. 13 no.4:29-30 '60.

Effect of the work of the discharge siphon on the capacity of the pumping station. V.V.Rychagov, V.M.Nekrasov Gidr.i mel. 12 no.5:37-40 My '60.

From experience in the automatization of auxiliary services. I.I.Pavlenko, V.N.Naumov. Prom.energ. 15 no.5:37-38 My '60.

Reducing the construction cost of pumping stations in recirculated water-supply systems at enterprises of the petroleum industry. E.B.Baturin. Vod i san. tekh. no.7:5-6 Je '60

Small pumping stations. A.Sakun. Stroi.i arkhit. 8 no.5:36-37 My '60.

PUMPKIN

Vitamin pumpkin. A.Markov. Nauka i zhizn' 27 no.7: 77-78 Jl '60.

PUNCHES

We have finished with the stamping of punches. V.Snytkin. Mashinostroitel' no.7:40 Jl '60.

PUPPETS AND PUPPET PLAYS see subdivision under Uzbekistan

PURINE

Synthesis of some 8,9-pentamethylenepurines. R.G. Glushkov, O.IU.Magidson. Dokl.AN SSSR 133 no.3:585-587 Jl '60.

PURPURA (PATHOLOGY)

Case of sepsis with a clinical symptom complex of the fulminating form of capillarotoxicosis B.IA Reznik, O.A.Zakharova Vop okh mat.i det. 5 no.3:85-87 My-Je '60

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

The characteristics of Pushkin's realism. IA.El'sberg. Vop.lit. 4 no.8:76-97 Ag '60.

Tomashevskii, B.V. [Pushkin and France] Pushkin i Frantsiia. Leningrad, Sovetskii pisatel', 1960. 490 p.

PUSHKINO—SANATORIUMS

In the midst of a large, pine forest . S.Gudkov. Ogonek 38 no.28:9 Jl '60

APARTMENT HOUSES—MAINTENANCE AND REPAIR

On a visit to Pyatigorsk repairmen V Alekseev Zhil.-kom khoz 10 no.6:21-23 '60

PYLORIC STENOSIS

Chloropenic syndrome in cicatricial stenoses of the pylorus. S.A.Geshelin, IA.O.Krimgol'd. Vrach.delo no.7:37-39 Jl '60.

PYRAMIDS

The mystery of the tomb of Tutankhamen ("The tomb of Tutankhamen" by Howard Carter. Reviewed by An. Kartsev). Sovr.Vost. no.7:58-59 Jl '60.

PYRAN

Effect of the pyran ring on the acid hydrolysis of cellulose. V.I.Ivanov, N.IA.Lenshina, V.S.Ivanova. Izv.AN SSSR. Otd.khim.nauk no.6:1136-1138 Je '60.

PYRAZOLIDINEDIONE

Electrophoretic investigation of blood protein fractions in patients with rheumatic and infectious nonspecific polyarthritis before and following treatment with butadione. P.G.Podorozhnyi. Vrach.delo no.6:643-646 Je '60.

PYRAZOLINE

Plastic scintillators with additions of aryl-substituted pyrazolines I.L Nagornaia and others Prib.i tekh eksp no.2:49-50 Mr-Ap '60

PYRAZOLINONE

Reactions of hydrazine derivatives. Part 20: Cyanoethylation of pyrazolinones. A.N.Kost and others. Zhur. ob.khim. 30 no.7:2286-2291 Jl '60.

Synthesis and analysis of acyl derivatives of the pyrazolone series. I.P.Kulev, G.M.Stepnova. Izv.Sib.otd. AN SSSR no.5:73-76 '60.

PYRENEES—GEOLOGY

Geological history of the Pyrenees. Priroda 49 no.7:90 Jl '60.

PYRHELIOMETER

Bimetallic pyrheliometer. P.A.Krylov. Izv.AN SSSR.Ser. geofiz. no.7:1080-1090 Jl '60.

PYRIDINE

Copolymerization of acrylonitrile and α-vinylpyridine in an aqueous solution of sodium thiocyanate. M.A. Zharkova, G.I.Kudriavtsev Khim volok. no.3:15-18 '60.

Kinetics of pyridine sulfotrioxide hydrolysis. I.G.Ryss, D.B.Donskaia. Dokl.AN SSSR 133 no.4:802-805 Ag '60.

Substituted pyridines. 2,5-Dimethyl-4-[n,(o)-tolyl] pyridines and their conversions. N.S.Prostakov and others. Zhur.ob.khim. 30 no.7:2294-2297 Jl '60.

Ultraviolet absorption spectra of some pyridine and nicotine derivatives. Report No.4: Absorption spectra of N-oxides of nicotine and N-methylanabasine. T.N. Shkurina and others. Izv.AN SSSR.Otd.khim.nauk no.6:1119-1123 Je '60.

PYRIDINE—SPECTRA

Studying the interaction between pyridine and water by infrared absorption spectra. A.N.Sidorov. Opt.i spektr. 8 no.1:51-56 Ja '60.

PYRIDINE BASES

Separate recovery of ammonia and pyridine bases from coke-oven gas. V.M.Kagasov and others. Koks i khim. no.6:32-35 '60.

PYRIDOXINE

Methods for the determination of pyridoxine in solutions. E.V.Bogdanova. Trudy VNIVI 6:249-251 '59.

Selection of a catalyst in obtaining intermediate products of the synthesis of pyridoxine. V.A.Kon'kova, L.A. Petrova. Trudy VNIVI 6:10-14 '59.

Some data on pyridoxine metabolism in the human body. E.V.Bogdanova. Trudy VNIVI 6:220-224 '59.

Study of the morphological changes in vitamin B_6 deficiency in dogs and following their treatment with vitamin B_6. A.A.Seleznova. Trudy VNIVI 6:224-230 '59.

PYRIMIDINE

Separation of 2-methyl-4-amino-5-ethoxymethylpyrimidine in the form of hydrobromic salt. V.M.Tursin. Trudy VNIVI 6:22 '59.

Synthesis of some chloroalkylamines of the pyrimidine series. K.A.Kornev, K.K.Khomenkova. Ukr.khim. zhur. 26 no.3:347-350 '60.

Synthesis of 2-methyl-4-amino-5-ethoxymethylpyrimidine. V.M.Tursin, L.G.Chebotareva, N.D.Kolotilova. Trudy VNIVI 6:17-20 '59.

PYRITES

(see also subdivision under Kurama Range; Levikha region, Ural Mountains)

Conference on the complex utilization of pyrite cinders. A.E.Krol Khim prom 2:166-167 Mr '60.

Geochemical methods in exploring for copper pyrite ore formations. M.A.Glazovskaia, K.M.Mukanov. Vest. AN Kazakh.SSR 16 no.6:78-79 Je '60.

OLYSIS
o mechanisms of carbon formation in the course of the ecomposition of silica gel, of a paraffins, naphthenes, al aromatic hydrocarbons having six and seven carbon oms. A. P. Rudenko, A. A. Balandin, S. IA. Kachan v. AN SSSR. Otd. khim. nauk no.6:981-988 Je '60.

OMETERS
aratus for determining the temperature by the height the tongue of gunpowder flame [with summary in nglish]. P. F. Pokhil, V. M. Mal'tsev, L. N. Gal'perin hur. fiz. khim. 34 no.5:1111-1112 My '60.

e systems of the infrared pyrometry. D. IA. Svet, A. Poskachei. Priborostroenie no.7:28-29 Jl '60

OXENITE see subdivision under Bol'shaya Zhida lley

ROLE
mistry of nitropyrroles. Report No. 5: Synthesis of bstituted derivatives of dinitropyrroles. S. S. Novi ov, E. N. Safonova, V. M. Belikov. Izv. AN SSSR. Otd alm. nauk no.6:1053-1056 Je '60

UVIC ACID
amin B_1 and pyruvic acid. F. S. Pekker. Trudy NIVI 6:203-206 '59.

N, ALIAKSEI
e poet of our generation ("Blue dawn", verse by liaksei Pysin. Reviewed by An Shumin) Belarus' no 5 31 My '60

VER
age quality of Q fever antigen. A. I. Igumnov. Lab. elo 6 no.3:35-37 My-Je '60.

LITY CONTROL
ective work in the economy of industrial enterprises. Morozov. Agitator no.10:25-26 My '60.

's struggle for high quality of production. V. Kovtun lok agit. [Ukr.] no.14 29-30 My '60

uestion of the consciousness and honor of workers. gitator no.14:3-4 Jl '60.

iability of manufactured articles is an important roblem. IA. Sorin. Prof.-tekh. obr. 17 no.5 20-21 y '60.

LITY CONTROL—CONGRESSES
ference on statistical quality control. Standartizatsiia no.6:56-57 Je '60.

TUM FIELD THEORY
antum field theory" by H. Umezawa. Reviewed by G. Kuznetsov. Vop. ist. est. i tekh. no.9 156-160 0.

g quantum field theory methods for the investigation the thermodynamic properties of electron and photon ses [with summary in English]. I. A. Akhiezer, S. V. eletminskii. Zhur. eksp. i teor. fiz. 38 no.6:1829-40 Je '60.

TUM STATISTICS
od of group theory in the quantum physics of a solid atial symmetry). A. V. Sokolov, V. P. Shirokovskii p. fiz. nauk 71 no.3:485-513 Jl '60.

TUM THEORY
iational principles for nonstationary problems of antum mechanics and the perturbation theory [with mmary in English]. IU. N. Demkov. Zhur. eksp. i teor. . 38 no.6:1879-1886 Je '60.

RIES AND QUARRYING—EQUIPMENT AND SUP-IES
dern methods for extracting and processing rock aterials. S. I. Kop'ev. Mekh. stroi. 17 no.7:3-6 '60.

over-all mechanization and automation of the ex- action and processing of rock materials. Mekh. roi. 17 no.7:1-2 Jl '60.

l-scale mechanization in quarrying limestone. A. A. rol'ev. Strol. mat. 6 no.7:32 Jl '60.

TZ
e also subdivision under Yakutia)
ct of the medium on the processes of dispersion of lids [with summary in English]. G. S. Khodakov, P. A. binder. Koll. zhur. 22 no.3:365-375 My-Je '60.
of quartz in kaolin refractory products. B. V. Ivanov, S. Rutman, I. V. Vinogradova. Trudy KIEM 42:51-57 .

TZ OSCILLATORS see Oscillators, Crystal

TZITE—MAGNETIC PROPERTIES see sub- ision under Staryy Oskol region

TZITES—TRANSPORTATION
wharf in the Kiev harbor for the transshipment of rtzites. P. Gvozdev, S. Strelkovskii. Rech. transp. no.5:50-51 My '60.

ETIN
metric determination of gallium and indium by quer- n. I. P. Alimarin, A. P. Golovina, V. G. Torgov. lab. 26 no.6:709-711 '60.

QUINAZOLINONE
Chemistry of heterocyclic compounds. Part 33. Synthesis of quinazolone compounds based on aryl amides of anthranilic acid. P. A. Petiunin, IU. V. Kozhevnikov. Zhur. ob. khim. 30 no.7:2352-2357 Jl '60

QUINOLINE
Synthesis of reagents in the series of quinoline bases. G. I. Mikhailov. Trudy IRI A no.23:84-87 '60.

RABBITS
Home gardens as the source of cheap agricultural produce. A. Zhitkov. Sots. obsp. 21 no.5 11-15 My '60

RABIES
Victory over rabies. M. Levit. Nauka i zhizn' 27 no.7: 60-61 Jl '60.

RACHMANINOFF, SERGEI VASIL'EVICH, 1873-1943
A Rachmaninoff ballet at the Bolshoi Theater. I. Polis kova. Sov. muz. 24 no.6 115-117 Je '60

RACING
In the world of great speed. Ogonek 38 no.27 28-29 Jl '60

RADAR
Matlin, I. I. [Radar; study aid for enlisted men] Radio lokatsiia, uchebnoe posobie dlia soldat i serzhantov Moskva, Voen. izd-vo M-va obor. SSSR, 1960 142 p
Precision in measuring the parameters of radar designed for observation of meteorites. I. I. Isaiko. Radio tekhnika 15 no.6:67-69 Je '60
Vidnov, N. G., V. P. Grzhibovskii, and D. I. Rabitov. [Using radar in surveying] radiolokatsiia v inzhenernykh izyskaniiakh. Kiev, Gos. izd-vo lit. po stroit. i arkhit. USSR, 1960. 93 p.

RADAR—ANTENNAS
Dependence of the standing-wave ratio and losses in the balancing antenna switch on the distance between the magnetron and the discharger. B. D. Rubinshtein. Radio tekhnika 15 no.7:16-20 Jl '60

RADAR IN AERONAUTICS
Taking down the operation of the transmitter of a bomb sight on a barogram. O. B. Aronov. Vest. Vozd. Fl. no.5:85 My '60.

RADAR IN ASTRONOMY
Comparing the parameters of radio wave reflections with variations of the magnetic field during auroral displays. V. I. Pogorelov. Izv. AN SSSR. Ser. geofiz. no.7:1081-1085 Jl '60.

RADAR METEOROLOGY
Altitude of radar detected precipitation. V. M. Muchnik. Trudy UkrNIGMI no.18:86-89 '59

RADIANT HEATING
Saving metal in manufacturing parts of sanitary engineering installations. V. Ovsiankov. Stroi. i arkhit. 6 no.7:25-26 Jl '60

RADIATION
Effect of radiation on ϵ_{tg} δ in ceramics. I. S. Filatov. Izv. vys. ucheb. zav.; fiz. no.3:239-240 '60.
Effect of secondary absorption and emission processes on the duration of the radiation emitted by a plane parallel layer. A. M. Samson. Opt. i spekt. 8 no.1:85-87 Ja '60.
Radiation vulcanization of elastomers (from "Rubber Age," no.3, 1959). Kauch. i rez. 19 no.5:61 My '60
Transition radiation emitted by a charge with an oblique angle of incidence [with summary in English]. G. M. Garibian. Zhur. eksp. i teor. fiz. 38 no.6:1815-1816 Je '60.

RADIATION—CONGRESSES
Uses of powerful sources of radiation in industry. G. I. Grafov, V. I. Sinitsyn. Inzh.-fiz. zhur. no.2:126-112 F '60.

RADIATION—DOSAGE
Dosed X-irradiation of various regions of the head and visual perceptions [with summary in English]. G. K. Gurtovoi, P. O. Burdianskaia. Biofizika 5 no.3:[illegible] 301 '60.
Relation between the dose of radiation and the dose absorbed. V. Sivintsev. Atom. energ. 9 no.1:39-47 Jl '60

RADIATION—PHYSIOLOGICAL EFFECT
Effect of ionizing radiation on protein metabolism in the brain. K. I. Pogodaev, M. S. Osipova, Z. I. Koneeva. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:236-245 '60
Effect of small doses of ionizing radiation on the [illegible]. D. M. Abdurasulov. Med. zhur. Uzb. no.12:[illegible] 40-41 '60.
Experimental analysis of the primary mechanism of the effect of radiation on cell nuclei. N. P. Dubinin, IU. N. Sidorov, N. N. Sokolov. Dokl. AN SSSR 133 no.1:221-224 Jl '60
Formation of resistant organic peroxides in the animal organism due to the effect of ionizing radiation. I. K. Kolomiitseva. Biofizika 5 no.3:339-345 '60

Influence of the [illegible] of ionizing radiation on the [illegible]. [illegible]
Investigation of the reaction of animal [illegible] cells to the action of ionizing and ultraviolet radiation by means of ultraviolet and fluorescent microscopy. M. P. Dukh[illegible] [illegible]
Quantitative [illegible] of the sensitivity of the [illegible] [with summary in English]. [illegible]
Radiation damage of the [illegible] the [illegible] [with summary in English] [illegible]
Radiosensitivity of [illegible] under the influence of [illegible] radiation. A. A. Manina. [illegible]
Some problems [illegible] radiation on [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

RADICALS (CHEMISTRY)
[illegible]
Relative reactivity of radicals [with summary in English]. Kh. S. Bagdasarian. Zhur. fiz. khim. 34 no.7:1517-1521 Jl '60.

(see also subdivision under Donets Basin)

All-Union spartakiada. Radio no. 6:5-6 Je '60.

Blanter, S. G. [Radio engineering and electronics] Radiotekhnika i elektronika. Moskva, Gos. energ. izd-vo, 1960. 415 p.

Dorovatovskii, P. V., and V. M. Ivanov. [Replies to questions of radio amateurs] Otvety na voprosy radioliubitelei. Moskva, Izd-vo DOSAAF, 1960. 142 p.

Krylov, M. K. [Handbook for laboratory work in electric and radio engineering] Rukovodstvo pri laboratornykh rabot po elektrotekhnike i radiotekhnike. [Moskva] Izd-vo Mosk. univ., 1959. [142 p.].
(CU-9)

Our consultations. A. Nefedov. Radio no. 6:63-64 Je '60.

Our consultations. Radio no. 7:57-58 Jl '60.

Radio Day. P. Pytkin. Blok. agit. [1 en.] no. 13:11-19 My '60.

[Radio engineering abroad.] Zarubezhnaia radioelektronika 15 nos. 6-7 Je-Jl '60.

Radio in frontier villages. P. Belaia. Radio no. 6:9 Je '60.

Scientific session dedicated to Radio Day. Tekh. kino i telev. 4 no. 7:96-3 of cover Jl '60.

Shamshur, V. I. [Lenin and the development of radio] Lenin i razvitie radio. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 103 p.

Significant achievement in radio electronics. N. Pushkov. Radio no. 6:2 Je '60.

Through the pages of foreign magazines. Radio no. 6: 60-61 Je '60.

Wide-spread dissemination of technical information. Radio no. 7:1-2 Jl '60.

RADIO—ANTENNAS

Device for measuring the input impedance of long and shortwave radiobroadcasting antennas. V. A. Khatskelevich. Vest. sviazi 20 no. 6:12-14 Je '60.

Pole antenna. A. Efimovich. Radio no. 6:36 Je '60.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—COMPETITIONS

Competition of inventors. V. Klimov. Radio no. 7:6 Jl '60.

RADIO—DICTIONARIES

German-Prozorova, L. P., and N. V. Vinogradova, comps. [English-Russian radio engineering dictionary] Anglo-russkii radiotekhnicheskii slovar'. Pod obshchei red. V. L. Kreitsera. Red. kollegiia: M. E. Gon i dr. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei, 1960. 624 p.

RADIO—EQUIPMENT AND SUPPLIES

Attachment for gluing the covers of radio receiver cases. V. N. Korsun. Der. prom. 9 no. 5:26 My '60.

RADIO—INTERFERENCE

Direction finding of interfering radio waves. IU. A. Frukhimovich. Radiotekhnika 15 no. 6:62-66 Je '60.

Formation and nature of interference in 0.4 to 35 kv power lines. D. V. Smirnov, V. V. Sarapkin. Elektrosviaz' 14 no. 7:60-74 Jl '60.

Method of suppressing image and intermodulation interference in superheterodyne receivers. D. N. Mittasher. Radiotekhnika 15 no. 7:42-43 Jl '60.

Signal transmission during lightning storms. V. A. Baranal'ko. Radiotekhnika 15 no. 6:10 Je '60.

RADIO—JUVENILE LITERATURE

Brochure for a beginner radio amateur. B. Lebedev. Radio no 6:9 Je '60.

RADIO—OPERATORS

Quality should have precedence. P. Vasil'ev. Radio no. 6:14-15 Je '60.

RADIO—RECEIVERS AND RECEPTION

Automatic tuning and frequency control in radio receivers. S. Fleisher. Radio no. 6:48-50 Je '60.

Automatically controlled lightning protection. A. Morozov. Radio no. 7:56 Jl '60.

Barkan, V. F., and V. K. Zhdanov. [Radio receiving devices] Radiopriemnye ustroistva. Izd. 2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo Oborongiz, 1960. 465 p.

Car radio. A. Anisimov. V pom. radioliub. no. 8:14-25 '58.

Economical automobile radio. A. Velchinkin. Radio no. 6:46-47 Je '60.

Levinlov, G. D. [Consumers guide to radio receivers] Pokupateliu o radiopriemnikakh. Moskva, Gos. izd-vo torg. lit-ry, 1960. 81 p.

Levitin, E. A. [Handbook on radiobroadcast receivers] Spravochnik po radioveshchatel'nym priemnikam. Moskva, Gos. energ. izd-vo, 1960. 288 p.

Puzzle-brochure. E. Kramarenko. Radio no. 6:10 Je '60.

Rebuilding automobile receivers. R. Varlamov. Radio no. 6:45-46 Je '60.

Receiver of optimum signals with cathode pulse-modulation and an unkown transition period. I. M. Tepliakov. Elektrosviaz' 14 no. 6:10-13 Je '60.

RADIO—TRANSMITTERS AND TRANSMISSION

* Automatic control of radio transmitters. S. E. Gorodetskii. Vest. sviazi 20 no. 6:6-8 Je '60.

RADIO, SHORTWAVE

(see also subdivision under Kharkov)

Graphic solution of problems in connection with ultrashort waves. V. M. Chikul. Vest. Vozd. Fl. no. 2:80-87 F '60.

Short-range radio forecasts over the Dikson Island - Moscow line during the navigation period of 1958. L. P. Kuperov. Probl. Arkt. i Antarkt. no. 1:119 '59.

Ultrahigh frequency radio broadcasting. V. Bel'skii. Radio no 6:13-14 Je '60

We need a good book on shortwave communications ("High-frequency telephone apparatus" by K. A. Krivitskii and others. Reviewed by G. A. Sokolov). Avtom., telem. i sviaz' 4 no. 6:47 Je '60.

RADIO, SHORTWAVE—ANTENNAS

Highly effective shortwave antenna with a controlled radiation pattern and a low level of side radiation. V. D. Kuznetsov, V. K. Paramonov. Elektrosviaz' 14 no. 7: 18-28 Jl '60.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Changes in the design of amateur radio transmitters. S. Bunimovich, L. IAilenko. Radio no. 7:13-15 Jl '60.

Dikii, A. D., and I. A. Soldatov. [Radio transmitting devices] Peredatchiki radiotekhnicheskikh sredstv. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 307 p.

Side radiation of shortwave transmitters. I. I. Shumilinskii, IU. D. Gusarov, N. A. Ochkatenko. Vest. sviazi 20 no. 4:13-15 Ap '60.

RADIO AND MUSIC

Educational music broadcasts of the All-Union Radio. T. T., V. B. Sov. muz. 24 no. 7:160-162 Jl '60.

Popular essays from the lives of composers. E. Leonidov Sov. muz. 24 no. 6:157-158 Je '60.

RADIO ASTRONOMY

The riddle of the Milky Way. Irina Radunskaia. Smena 37 no. 13:14-15 Jl '60.

RADIO ASTRONOMY—BIBLIOGRAPHY see Bibliography—Radio astronomy

RADIO BROADCASTING

Radio Day. P. Pytkin. Blok. agit. [1 en.] no. 13:11-19 My '60.

RADIO CIRCUITS

Levitin, E. A. [Handbook on radiobroadcast receivers] Spravochnik po radioveshchatel'nym priemnikam. Moskva, Gos. energ. izd-vo, 1960. 288 p.

[Radio circuits; and aid for radio clubs] Radioskhemy; posobie dlia radiokruzhkov. Moskva, Izd-vo DOSAAF, 1960. 79 p.

RADIO CLUBS

Exhibitions of the creativeness of radio amateurs. Radio no. 6:3-4 Je '60.

Fourth Plenum of the Central Committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no. 7:3 Jl '60.

RADIO DETECTORS

Calculation of a diode detector. G. I. Levitan. Radiotekhnika 15 no. 6:22-23 Je '60.

Contactless synchronous relay types detector for very low frequencies. V. I. Vasil'ev, V. M. Kuntsevich. Avtomatyka no. 2:73-78 '60.

Transient processes in some phase detectors. N. P. Vlasov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 2: 24-37 '60.

RADIO DIRECTION FINDERS

Direction finding of interfering radio waves. IU. A. Frukhimovich. Radiotekhnika 15 no. 6:62-66 Je '60.

Radio direction finder. G. Mal'tsev. Radio no. 6:40 Je '60.

Radio direction finders (conclusion). V. Batsev. IUn. tekh. 4 no. 5:40-45 My '60.

Radio direction finding. Radio no. 7:5-6 Jl '60.

RADIO FREQUENCY MODULATION—RECEIVERS AND RECEPTION

Design of a vacuum-tube limiter for FM receivers. N. G. Zubchenko. Elektrosviaz' 14 no. 6:66-70 Je '60.

RADIO IN AERONAUTICS

Should trouble come, they can be relied on. M. Mellacha. Radio no. 6:7-8 Je '60.

RADIO INDUSTRY see subdivision under Minsk

see subdivision under Caucasus, Northern; Vladivostok

RADIO MEASUREMENTS

Input resistance of interference-measuring devices designed to operate in the broadcast band. I. M. Furmanov Radiotekhnika 15 no. 6:70-73 Je '60.

RADIO OPERATORS

Experiment in the use of radio centers containing KRU-2 and KRU-10 equipment. T. G. Ivanova, N. V. Formin. Vest. sviazi 20 no. 6:25-26 Je '60.

Fourth Plenum of the Central Committee of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy. Radio no. 7:3 Jl '60.

Ship's radiotelegraph operators. V. Nikolaev. Voen. znan. 36 no. 7:24-25 Jl '60.

What ensured our success. I Volkov. Radio no. 6:10 Je '60

RADIO OPERATORS—COMPETITIONS

All-Union Spartakiada. Radio no. 7:4 Jl '60.

RADIO RELAY SYSTEMS

On the construction of the Moscow-Kazan radio relay line. Avtom., telem. i sviaz' 4 no. 7:23 Jl '60.

RM-24 radio relay apparatus. I. L. Korlas, R. I. Ivanov. Avtom., telem. i sviaz' 4 no. 6:8-11 Je '60.

Statistical distribution of fading depths between radio relay lines. A. I. Kalinin. Radiotekhnika 15 no. 6:3-9 Je '60.

Wave guides with circular cross section designed for operation as radio relay lines. A. A. Metrikin, N. S. Tarasov. Radiotekhnika 15 no. 7:10-15 Jl '60.

RADIO RELAY SYSTEMS—NOISE

Calculation of noise in radio relay channels when predistortion is introduced. E. L. Gerenrot. Elektrosviaz' 14 no. 6:28-32 Je '60.

RADIO STATIONS see subdivision under Peiping; Ulan Bator

RADIO WAVES

Effect of transmission lines on the ground field of radio waves. V. N. Krasil'nikov. Radiotekhnika 15 no. 7:3-9 Jl '60.

Rubinshtein, IA. M. [Radio wave propagation and antenna feeding devices] Rasprostranenie radiovoln i antennofidernye ustroistva. Leningrad, Izd-vo "Morskoi transport," 1960. 387 p.

RADIO WAVES—SCATTERING

Nature of the scattering of radio waves on stable ionized meteor trails. V. P. Dokuchaev. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:199-207 '60.

RADIOACTIVE FALLOUT

Radioactive fallout and particularly the fallout of radioactive strontium. S. Sevitt. Mir nauki no. 7:35-37 '59.

Results of systematic measurements of radioactive fallout in the year following the ending of nuclear weapons tests V. Santgol'zer. Atom energ 9 no. 1 50 Jl '60

Symposium on radioactive fallout. W. Degner. Mir nauki no. 7:37-38 '59.

RADIOACTIVE SUBSTANCES

Bochakrov, V. V., ed. [Methods of producing and measuring radioactive substances] Metody poluchenia i izmereniia radioaktivnykh preparatov; sbornik statei. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 307 p.

Desorption of radioisotopes from some aquatic invertebrates. A. B. Getsova. Dokl. AN SSSR 133 no. 2:459-461 Jl '60.

Efficiency experts proposals, new apparatus, instruments, and methods; radioactive plastic materials. Preliminary report. Z. N. Bliumshtein. Kaz. med. zhur. 40 no. 5:95-97 S-O '59.

Experimental investigation of radioisotope distribution in natural biogeocoenoses. G. I. Makhonina and others. Dokl. AN SSSR 133 no. 2:464-467 Jl '60.

Radioactivity of bituminous rocks of the menilite series [with summary in English, p. 312]. M. P. Gabinet. Probl. geokhim. no. 1:256-260 '59.

Start of a systematic study of deposits of radioactive minerals in pre-Revolutionary Russia; work of V. I. Vernadskii. L. I. Zaitseva. Vop. ist. est. i tekh. no. 9: 121-124 '60.

RADIOACTIVE SUBSTANCES—DECAY

Connection between the polarization of β-electrons and the form of the β-spectrum [with summary in English]. B. V. Geshkenbein, A. P. Rudik. Zhur. eksp. i teor. fiz. 38 no. 6:1894-1896 Je '60.

RADIOACTIVE TRACERS

Determination of the thickness of zinc coatings by means of tagged atoms. I. A. Berman, S. A. Khaletskaia. Zav. lab. 26 no. 7:836-837 '60.

Isotopes A Nesmeianov. Smena 37 no. 11:7-9 Je '60.

Use of tagged atoms in hydraulic investigation of settling basins. I. I. Mochitov. Vod. i san. tekh. no 7:1-5 Je '60

RADIOACTIVE WASTE DISPOSAL

For the safety of man. K. N. Fedorov. Priroda 49 no. 7.46-49 Jl '60

Ocean depths and the problem of disposing of radioactive wastes. V. G. Bogorov, B. A. Tareev. Izv AN SSSR. Ser geog. no. 1 3-10 Jl-Ag '60

RADIOACTIVE WASTE DISPOSAL—CONGRESSES

Results of the International Conference on the Processing and Disposal of Radioactive Waste held in Monaco. V Spitsyn, B. Kolychev. Atom energ 9 no 1:59-63 Jl '60.

RADIOACTIVITY

Distribution of radioactive emanation in the lower atmospheric layer. L. S. Gandin, R. E. Soloveichik. Izv. AN SSSR. Ser. geofiz. no. 7:1077-1091 Jl '60.

Spivak, G. V., ed. [Special practical manual in physics] Spetsial'nyi fizicheskii praktikum. [Moskva] Izd-vo Mosk. univ.
Vol. 1. [Radiophysics and electronics] Radiofizika i elektronika. 1960. 600 p.

RADIOACTIVITY—MEASUREMENT

International Commission on Radiological Units and Measurements (ICRU). Geneva, 1956. [Activity units and doses of ionizing radiation, recommendations of the International Commission on Radiological Units and Measurements. Preface by N. G. Gusev] Edinitsy aktivnosti i dozy ioniziruiushchikh izluchenii; rekomendatsii Mezhdunarodnoi komissii po radiologicheskim edinitsam i izmereniiam. Moskva, Izd-vo inostr. lit-ry, 1959. 76 p.

Petrov, N. P., and V. P. Syrnov. [Radioactive emission and its measurement] Radioaktivnye izlucheniia i ikh izmerentiia. Izd. 2., ispr. i dop. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 100 p. (Nauchno-populiarnaia biblioteka)

Simple method for measuring the radioactivity of compounds labeled with C^{14} [with summary in English]. V. I. Maimind, M. I. Lerman, L. A. Neiman. Zhur. anal. khim. 15 no. 3:371-373 My-Je '60.

RADIOACTIVITY—SAFETY MEASURES

Safety measures during the preparation of artificial radon baths. V. P. Zun. Voen.-med. zhur. no. 6:40-42 Je '60.

RADIOBIOLOGICAL RESEARCH

Modern problems in radiobiology [with summary in English]. A. M. Kuzin. Izv. AN SSSR. Ser. biol. no. 3: 355-363 My-Je '60.

RADIOBIOLOGY

Some problems in modern radiobiology. A. V. Lebedinskii, IU. I. Moskalev. Usp. sovr. biol. 49 no. 3:320-337 My-Je '60.

RADIOBROADCASTING
(see also subdivision under Maritime Territory)

Improve the training of radiobroadcasting and television specialists. A. P. Efimov. Vest. sviazi 20 no. 4:31 Ap '60.

Increasing the participation of the masses in the work of Soviet newspapers and radio stations. Part. zhizn' no. 14:31-33 Jl '60.

RADIOCHEMISTRY

Akademiia nauk SSSR. Radievyi institut. [Radiochemical analysis of fission products; collected articles] Radiokhimicheskii analiz produktov deleniia, sbornik statei. Moskva, 1960. 134 p.

Study of aerosols formed in the course of radiochemical reactions [with summary in English]. V. S. Bogdanov. Zhur. fiz. khim. 34 no. 5:1014-1049 My '60.

RADIOCHEMISTRY—INDUSTRIAL APPLICATIONS

Constructive radiation. E. E. Finkel'. Nauka i zhizn' 27 no. 6:11-16 Je '60.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Positive contrast radiography of the knee joint as a positive method of diagnosing injuries of the meniscus. S. I. Stamatin. Zdravookhranenie 3 no. 3:42-46 My-Je '60.

RADIOISOTOPES

Angular distributions of 6.6 Mev elastically scattered protons on chromium, nickel, and copper isotopes [with summary in English]. A. K. Valter and others. Zhur. eksp. i teor. fiz. 38 no. 5:1419-1423 My '60

Determination of the diffusion coefficient from the displacement of the activity curve. M. B. Bronfin, S. Z. Bokshtein, A. A. Zhukhovitskii. Zav lab. 26 no. 7: 828-830 '60.

"Elimination of some radioactive substances from the organism" by A. A. Gorodetskii and others. Reviewed by IU. D. Dubovyi. Fiziol. zhur. [Ukr.] 6 no 3:415-416 My-Je '60.

Study of snow thawing by means of radioisotopes. IU. N. Agashkin. Izv AN SSSR Ser geog. no 4:117-121 Jl-Ag

Use of the radioisotope S^{35} in the study of the process of coal desulfurization. A. Z. Kulishenko, K. P. Medvedev. Koks i khim. no. 7:5-10 '60.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

"Cut here" any isotopes. A. Genin. Znan. sila 35 no. 7: 44 Jl '60.

Radioactive isotopes to be used in the textile industry. Tekst. prom. 20 no. 7:86-87 Jl '60.

Rumiantsev, S. V. [Use of radioactive isotopes for flaw detection] Primenenie radioaktivnykh izotopov v defektoskopii, rukovodstvo po primeneniiu radioaktivnykh izotopov v promyshlennoi defektoskopii. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 203 p.

Safety measures in manufacturing and operating instruments based on the utilization of radioisotopes. M. I. Gol'din. Priborostroenie no. 7:23-24 Jl '60.

Use of radioactive isotopes and radiation in searching for mineral and coal deposits. Vest. AN SSSR 30 no. 7:80 Jl '60.

Use of radioactive isotopes to study certain phenomena occurring during the plastic deformation of steel. V. P. Severdenko, I. G. Antakhov. Sbor. Inst. stali no. 39: 153-160 '60.

RADIOISOTOPES—SPECTRA

Determination of microimpurities in silicon from the γ-spectra of their radioisotopes. K. I. Erokhina and others. Zav. lab. 26 no. 7:831-837 '60.

RADIOISOTOPES—THERAPEUTIC USE

Radioactive knife. A. I. Serebrov. Znan. sila 35 no. 5:17 My '60.

RADIOLARIA, FOSSIL see subdivision under Sakhalin

RADIOLOGY, INDUSTRIAL

Shteinbok, N. I. [Using radioactive radiation in measuring equipment] Primenenie radioaktivnykh izluchenii v izmeritel'noi tekhnike. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 287 p.

Sokolov, V. S. [Flaw detection without rupture of parts] Kontrol' bez razrusheniia detalei. [Moskva] Mosk. rabochii, 1960. 94 p.

RADIOMETER

Transistorized beta-gamma radiometer. S. Vorob'ev. V pom. radioliub. no. 5:35-40 '60.

RADIOMIMETIC SUBSTANCES

Comparative mutagenic effect of ethyleneimine, ultraviolet and X rays. S. I. Alikhanian, N. I. Zhdanova. Dokl. AN SSSR 133 no. 3:154-156 Jl '60.

RADIOTELEGRAPH

Use of synchronous filters in radiotelegraphy. K. B. Krukovskii-Sinevich. Trudy Ural. politekh. inst. no. 99 101-104 '59.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

To a further study of the date of Radishchev's "One week's diary." V. P. Gur'ianov. Vest. Mosk. un. Ser. 7 Filol., zhur. no. 1:57-60 '60.

RADIUM—ISOTOPES

Polarization of β-electrons from oriented RaE [with summary in English]. A Z Dolginov, N P Popov. Zhur. eksp i teor fiz. 38 no 5:1618-1624 My '60

RADON—THERAPEUTIC USE

Some clinical and experimental data on the treatment of patients with cardiovascular neuroses. B. M. Baranovskaia. Vrach. delo no. 6:579-584 Je '60.

RAGUSHA VALLEY—LAMELLIBRANCHIATA, FOSSIL

Lower Carboniferous pelecypods from the southwestern wing of the Moscow Basin. M. F. Ianishevskii. Vop. paleont. 3:9-81 '60.

RAILROAD BRIDGES
(see also subdivision under Dnieper River)

Fatigue failure of bridge trusses. G. K. Evgrafov, V. O. Osipov, V. N Kolokolov. Put' i put. khoz. 4 no. 7:28 Jl '60.

Taking into account the weight of approach fills in designing soil foundations of bridge abutments. A. A. Luga. Transp. stroi. 10 no 5:41-43 My '60.

Using prestressed reinforced concrete in constructing railroad bridges. V. G. Andreev. Bet. i zhel.-bet. no. 7 306-310 Jl '60.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR
(see also subdivision under Chernigov Province)

Group of workers with initiative. M. N. Provodina. Put' i put. khoz. 4 no. 7:8 Jl '60.

Improving bridge maintenance. I. N. Nikonov. Put' i put. khoz. 4 no. 6:20-21 Je '60.

Underwater inspection of bridge piers. V. V. Sokolov. Put' i put. khoz. 4 no. 7:39-40 Jl '60.

RAILROAD ENGINEERING
(see also subdivision under Kharkov)

Calculating the laying of short rails. Put' i put. khoz. 4 no. 4:31 Ap '60.

Effective control of landslides, falling rocks and floods. Put' i put. khoz. 4 no. 4:25-27 Ap '60.

RAILROAD ENGINEERING—BIBLIOGRAPHY see Bibliography—Railroad engineering

RAILROAD ENGINEERING—TABLES, CALCULATIONS, ETC.

Nomogram for determining cross sections of roadbeds. IA. M. Khaikin. Transp. stroi. 10 no. 7:18-19 Jl '60.

RAILROAD LAW

Alekseev, S. S. [Liability for the failure to fulfill the plan of railroad freight transportation] [illegible] otvetstvennost' za nevypolnenie plana zheleznodorozhnykh perevozok [illegible]. Moskva, [illegible] lit-ry, 1959. 176 p.

RAILROAD MOTORCARS

Mechanisms for workers' railcars. [illegible] Sokolov. Put' i put. khoz. 4 no. 4:10 [illegible] '60.

New D6k railcar [illegible]. V. I. [illegible], V. V. [illegible]. Put' i put. khoz. 4 no. 7:4-6 Jl '60.

Self-propelled container loader (from "Railway Gazette," no. 3, 1960). Zhel. dor. transp. 42 no. 6:[illegible] Je '60.

RAILROAD MOTORCARS—MAINTENANCE AND REPAIR

Cutting costs. I. P. [illegible]. Put' i put. khoz. 4 no. 4:27-28 Ap '60

RAILROAD WORKERS see subdivision under [illegible] Likhobory

RAILROADS
(see also subdivision under Africa, China, Krasnoyarsk Territory, Russia, Sverdlovsk Province, White Russia)

Answering readers' queries. Put' i put. khoz. 4 no. 4:41-44 Ap '60

Answering readers' queries. Put' i put. khoz. 4 no. 8:46 Ag '60

Answering readers' questions. Put' i put. khoz. 4 no. 6:45 Je '60.

Answers to readers' queries. Put' i put. khoz. 4 no. 7:42-43 Jl '60

[Expansion of railroad transportation during the seven year period] Razvitie [illegible] transporta v semiletii, sbornik statei. [illegible] 1960. 373 p.

In the departments and laboratories of the Central Scientific Research Institute of the Ministry of Railroad Transportation. Vest. TSNII MPS 19 no. 4:55-56 '60.

Lenin's ideas live and triumph. Put' i put. khoz. 4 no. 4:1-[illegible] Ap '60

Letters to the editor. Put' i put. khoz. 4 no. [illegible]:44 [illegible] '60.

Letters to the editor. Put' i put. khoz. 4 no. [illegible]:47 Ag '60

Powerful movement of [illegible]. Zhel. dor. transp. 42 no. [illegible] Jl '60.

Railroads of capitalist countries adapt to new [illegible] types. [illegible]. Zhel. dor. transp. 42 no. 6:75-80 Je '60.

Readers' letters. Put' i put. khoz. 4 no. 4:45-46 Ap '60

Seventh [illegible]. [illegible] 42 no. 7:[illegible] Jl '60.

Speeding up [illegible]. [illegible] 4 no. 8:[illegible] Ag '60

Ways to [illegible]. [illegible] Avtom., telem. i sviaz' 4 [illegible] Jl '60

We are [illegible]. Avtom., telem. i sviaz' [illegible]

RAILROADS—ACCOUNTING, BOOKKEEPING, ETC.

How to improve the [illegible] of railroad districts. A. I. [illegible]. Zhel. dor. transp. 42 no. 6:51-54 Je '60.

RAILROADS—AUTOMATIC TRAIN CONTROL

[illegible]

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Automatic control system for brakes in [illegible] train operations. [illegible]. Tr. TSNII MPS no. 179: 92-100 '60.

Automatic regulation of the pressure of train brakes. F. V. Klykov, [illegible]. Zhel. dor. transp. 42 no. 6:47-48 Je '60.

Be patient, [illegible]. [illegible] 52-53 Ag '60.

Interaction between wheels and brake [illegible] position. T. V. Larin. [illegible] 42 no. 6:34-40 Je '61.

RAILROADS—DESIGN AND CONSTRUCTION

Construction [illegible]. V. N. [illegible]. Put' i put. khoz. 4 no. 4:[illegible] Ap '60

New standard plans. Transp. stroi. 10 no. 7:61-[illegible] (cover) Jl '60.

Textbook on railroad surveys, location and construction and operation by K. H. Savin. Reviewed by P. M. Zelenskii. Put' i put. khoz. 4 no. 6:47 Je '60.

[illegible]

Electricity for homes of railroad workers. L.V.Fedotov. Put' i put.khoz. 4 no.6:38-39 Je '60.

RAILROADS—CARS see subdivision under Baku

RAILROADS—CARS—MAINTENANCE AND REPAIR

Aliev, M. A. [For high quality production] Za vysokoe kachestvo produktsii. [Moskva] Izd-vo VTsSPS, Profizdat, 1959. 46 p.

Metal for great move forward. N.Belodedov. Prof.-tekh. obr. 17 no.5:20 My '60

RAILROADS—COMMUNICATION SYSTEMS

Direct dialing of numbers through automatic telephone exchanges by use of TsB 3 commutators. G.M.Sharofov. Avtom.,telem.i sviaz' 4 no.7:34-38 Jl '60.

Introduction of protective circuits in accordance with 5238-50 All Union State Standard. A.S.Novoselov. Avtom.,telem.i sviaz' 4 no.7:16-17 Jl '60

Novikov, V.A. [Long-distance communications] Dal'niaia sviaz'. Moskva, Vses.izdatel'sko poligr.ob"edinenie Min-va putei soobshcheniia, 1960. 246 p.

RM-24 radio relay apparatus. I.I.Lozhko, B.I.Ivanov. Avtom.,telem.i sviaz' 4 no.6:8-11 Je '60.

Trunk circuits for directive commutators should be changed. Avtom.,telem.i sviaz' 4 no.7:40 Jl '60.

What should a signaling and communications district be like? B.G.Kosmatov. Avtom.,telem.i sviaz' 4 no.7: 17-18 Jl '60.

RAILROADS—CONSTRUCTION

(see also subdivision under Siberia, Eastern;Soviet Central Asia)

Decrease construction expenses. Avtom.,telem.i sviaz' 4 no.7:3 Jl '60.

RAILROADS—COST OF OPERATION

Advanced practices for cutting transportation costs of a railroad district ("Cutting transportation costs" by A.D. Mamakin, G.I.Olenko, T.M.Tsekhovich. Reviewed by A.G.Zakharov). Zhel.dor.transp. 42 no.6:94-95 Je '60.

RAILROADS—CROSSINGS

Reinforced concrete plate for crossings. T.I.Bliakho. Put' i put.khoz. 4 no.8:35 Ag '60

Semiautomatic crossing gate. A.N.Dmitriev. Put' i put.khoz. 4 no.6:24-25 Je '60.

RAILROADS—CURVES AND TURNOUTS

"Tables for laying out curves of narrow-gauge (750 mm) railroads" by I.A.Shcheglov, IU.D.Fedosov. Reviewed by O.D.Klimov. Transp.stroi. 10 no.5:61-62 My '60.

RAILROADS—EARTHWORK

Laying out railroad beds on rocky slopes. S.M.Fleishman, U.I.Tikhvinskii, I.L.Tsel'kov. Transp.stroi. 10 no.7:36-39 Jl '60.

Mechanization of earthwork. V.I.Bobatin. Put' i put. khoz. 4 no.7:13 Jl '60.

Some problems in planning and making railroad cuts in rocks. I.I.Viktorov. Transp.stroi. 10 no.6:42-45 Je '60.

RAILROADS—ELECTRIC EQUIPMENT

Hasten to develop and introduce new equipment. Avtom., telem.i sviaz' 4 no.7:1-3 Jl '60.

Incorrect calculation of safeguards and power supply wires for signaling devices. N.P.Perepelov. Avtom., telem.i sviaz' 4 no.7:11-14 Jl '60.

Our practices in the repair of transmitters. V.K. Egorov. Avtom.,telem.i sviaz' 4 no.6:14 Je '60.

Portable recording electric meter. V.R.Neshivoi, S.S. Lapshin. Put' i put.khoz. 4 no.4:33-34 Ap '60.

Protection network for the power supply of electric interlocking systems. M.I.Mikheev. Avtom.,telem.i sviaz' 4 no.6:35 Je '60.

Redesigning the UI-U-43 level indicator. V.I.Pasnik, A.M.Berezkin. Avtom.,telem.i sviaz' 4 no.7:35-37 Jl '60.

Sleeves for plugs. I.M.Gusev. Avtom.,telem.i sviaz' 4 no.6:11 Je '60.

Surge protection of transistorized communications and automatic control systems. M.I.Vakhnin. Vest.TSNII MPS 19 no.4:7-10 '60.

Use of single-wire rail networks. N.P.Kotliarenko, M.V.Kurovskii. Avtom.,telem.i sviaz' 4 no.7:4-7 Jl '60.

RAILROADS—ELECTRIC EQUIPMENT—TESTING

How to test the insulation of armature coils. V.I.Gubanov. Put' i put.khoz. 4 no.4:39-40 Ap '60.

RAILROADS—ELECTRIFICATION

(see also subdivision under Moscow Province)

Advanced types of traction for yard and station operations. V.S.Filipak. Zhel.dor.transp. 42 no.6:68 Je '60.

Driving piles during the electrification of swampy railroad sections. B.I.Kaikov. Transp.stroi. 10 no.5:51 My '60.

Electrification of the Krasnoyarsk Railroad using alternating current. Sh.S.Logua. Transp.stroi. 10 no.7:9-14 Jl '60.

V.I.Sidorov. Transp.stroi. 10 no.7:14-16 Jl '60.

Improve the organization of construction during the electrification of railroad sections. B.D.Kronfel'd. Transp.stroi 10 no.5:9-11 My '60.

Let's fulfill the plan for the electrification of railroads ahead of time. Transp.stroi. 10 no.7:1-3 Jl '60.

Suggestions dictated by experience obtained in the a.c. electrification of the Chernorechenskaya--Klyukvennaya Section of the Krasnoyarsk Railroad. S.M.Serdinov. Elek.i tepl.tiaga 4 no.3:1-5 Mr '60.

Technical specifications for conducting operations during the electrification of railroads. Transp.stroi. 10 no.5: 60-61 My '60.

RAILROADS—ELECTRONIC EQUIPMENT

Cybernetics, computer techniques, and transportation. A.P.Petrov. Zhel.dor.transp. 42 no.7:26-33 Jl '60.

Redesigning signaling devices. M.A.Shul'man. Avtom., telem.i sviaz' 4 no.6:16-19 Je '60.

Semiautomatic blocking apparatus. Avtom.,telem.i sviaz' 4 no.6:45 Je '60.

RAILROADS—EMPLOYEES

(see also subdivision under Germany, East, Gomel', Ivanovo, Kazan, Latvia; Riga, Ryazan)

About time and about themselves. R.Bershadskii. Ogonek 38 no.32:2-3 Ag '60.

Competing with the railroad workers of the German Democratic Republic. V.V.Gorbatov. Put' i put.khoz. 4 no.7:6-7 Jl '60.

Doing it themselves. M.B.Gusoinov. Avtom.,telem.i sviaz' 4 no.7:41 Jl '60.

New profession creates new people. I.I.Cekarev. Put' i put.khoz. 4 no.4:6-7 Ap '60.

Useful manual ("Manual for employees of passenger stations" by V.V.Gurdienko. Reviewed by N.N.Pavliuk). Zhel.dor.transp. 42 no.7:95-96 Jl '60.

RAILROADS—EMPLOYEES—LABOR PRODUCTIVITY

Outstanding railroad workers. G.S.Aivazian. Put' i put khoz. 4 no 8:31 Ag '60.

RAILROADS—EQUIPMENT AND SUPPLIES

(see also subdivision under Austria, Great Britain)

Device for rail straightening. IU.IA.Kontakhin. Put' i put.khoz. 4 no.7:22-23 Jl '60.

Improving the performance of the URD-58 rail flaw detector. G.T.Gusak. Put' i put.khoz. 4 no.4:34 Ap '60.

Mechanized track alignment. I.IA.Turovskii. Put' i put. khoz. 4 no.4:19-20 Ap '60.

ShVI Electric screw spike driver. L.N.Gorokhov. Put' i put.khoz. 4 no.7:35-36 Jl '60.

Supplies wasted along the track. K.V.Brezgunov. Put' i put.khoz. 4 no.4:32 Ap '60.

RAILROADS—FINANCE

Amortization deductions made by the railroads of capitalist countries. R.M.Shneider. Zhel.dor.transp. 42 no.7:86-90 Jl '60.

RAILROADS—FREIGHT

(see also subdivision under Moscow; Sverdlovsk; Tashkent Province; White Russia)

Alekseev, S.S. [Liability for the failure to fulfill the plan of railroad freight transportation] Grazhdanskaia otvetstvennost' za nevypolnenie plana zheleznodorozhnoi perevozki gruzov. Moskva, Gos.izd-vo iurid.lit-ry, 1960. 175 p.

Consolidation of small consignment operations. I.F. Grebennikov. Zhel.dor.transp. 42 no.6:73-74 Je '60

Effectiveness of the specialization of unloading points. V.K.Beshkoto, A.A.Pavlov. Zhel.dor.transp. 42 no.6:25-29 Je '60.

"International railroad communications." Reviewed by O.Sadikov. Vnesh.torg. 30 no.7:49-50 '60.

RAILROADS—FREIGHT CARS

(see also subdivision under United States)

Automatic butt welding with use of a split electrode of longitudinal girder walls for railroad flat cars. E.N. Kanevskii, G.N.Klimoshitskii. Avtom.svar. 13 no.6: 46-47 Je '60.

Determining the detention time of cars in classification yards. P.P.Kochnev. Zhel.dor.transp. 42 no.6: 84-89 Je '60.

Reducing the weight of freight car trucks. A.P.Lubonets. Zhel.dor.transp. 42 no.7:58-59 Jl '60.

Using new methods for repairing trap doors of gondola cars. I.N.Chernega. Zhel.dor.transp. 42 no.6:65-67 Je '60.

What hampers the shortening of car detention time during loading operations. N.P.Nikol'skii, V.A.Kuprin, N.I. Krestenko. Zhel.dor.transp. 42 no.7:40-44 Jl '60.

RAILROADS—FREIGHT CARS—WELDING

Assembly line for the automatic welding of gondola car side walls P I Mazka Svar proizv no 6 26-27 Je '60

RAILROADS—HYDRAULIC EQUIPMENT

Improvement for the accelerating device. A.E.Khomenko. Put' i put.khoz. 4 no.7:38 Jl '60.

[illegible]

With the participation of the trade-union activist group K IAdryshnikov Okhr truda i sots strakh 3 no 3 39-40 Mr '60

RAILROADS—INTERNATIONAL COOPERATION

Meeting of experts belonging to the Organization for Co-operation Among Railroads. Avtom.,telem.i sviaz' 4 no.6:42 Je '60.

RAILROADS—MAINTENANCE AND REPAIR

(see also subdivision under Berchogur District; Estonia, Moldavia; Moscow Province, Perm Province, United States)

Automatic line for cleaning and washing wheel pairs. A.N. Sakharov, B.G.Pogorelyi. Zhel.dor.transp. 42 no.7: 78-81 Jl '60.

Better organization of roadbed maintenance. I.O. Bol'shakov. Put' i put.khoz. 4 no.6:18 Je '60.

Competition is the basis of success. Put' i put.khoz. 4 no.7:3 Jl '60.

Improving the current roadbed maintenance. A.I. Pesov, V.R.Tarasov, N.M.Prokopenko. Put' i put. khoz. 4 no.7:16-17 Jl '60.

Maintenance of continuous rail tracks and of long welded rails. M.F.Sen'ko, N.I.Kirichenko, N.A.Slavikovskii. Put' i put.khoz. 4 no.6:7-8 Je '60.

New developments in track raising and surfacing. B.M. Erastov. Put' i put.khoz. 4 no.4:22-23 Ap '60.

Practices in the operation of PMS-8 mobile track maintenance stations. P.I.Nasonov. Put' i put.khoz. 4 no.4: 21-22 Ap '60.

Roadbed protection in reservoir areas. G.A.Chibizov. Put.i put.khoz. 4 no.6:16-17 Je '60.

Some shortcomings of a good textbook ("Economics and organization of repair enterprises in track maintenance and construction" by B.P.Berezin. Reviewed by IU.A. Adrianov). Sred.spets.obr. 7 no.6:52-53 Je '60.

Using gas welding under pressure for rolling stock repairs. T.A.Vladimirskii and others. Zhel.dor.transp. 42 no.6:58-62 Je '60.

Using the ballast cleaner for track repairs. Put' i put. khoz. 4 no.6 4-5 Je '60.

Utilization of heavy-type machinery. I.I.Vlasov. Put i put.khoz. 4 no.6:2-3 Je '60.

Work should be divided between the section and the district crews. V.S.Frolov. Put' i put.khoz. 4 no.4,36 Ap '60.

RAILROADS—MANAGEMENT

Improving the economic accountability of railroad districts. A.D.Mamakin. Zhel.dor.transp. 42 no.7:66-67 Jl '60.

Making better use of electric and diesel locomotives for passenger traffic. N.A.Drozdov, V.N.Chebykin. Vest.TSNII MPS 19 no.4:10-15 '60.

We are improving work with efficiency experts. G.A. Shakhmatov. Avtom.,telem.i sviaz' 4 no.6:33 Je '60.

RAILROADS—PASSENGER TRAFFIC

Better servicing of passengers. Zhel.dor.transp. 42 no.6:3-7 Je '60.

Possibilities of further speeding up of passenger traffic. G.I.Chernomordik. Zhel.dor.transp. 42 no.6:16-20 Je '60.

RAILROADS—PERIODICALS

Readers' comments on their journal. Put' i put.khoz. 4 no.4:41 Ap '60.

RAILROADS—RAILS

(see also subdivision under China; Czechoslovakia)

Changes in the head shape of exterior rails on curves due to wear. L.P.Melent'ev. Vest.TSNII MPS 19 no.4: 42-43 '60.

Derailing guard rail. M.M.Blizniuk, S.N.Filippov. Put' i put.khoz. 4 no.7:23 Jl '60.

Dynamic interaction between wheel and rail. V.V. Abashkin, I.V.Pavlov. Vest.TSNII MPS 19 no.4:34-37 '60.

Erroneous affirmations ("Rail quality" by N.P.Diubin, V.V.Trofimov. Reviewed by A.M.Rozenberg). Zhel. dor.transp. 42 no.6:95-96 Je '60.

Experience in using graphite lubrication. A.A.Tiurikov. Put' i put.khoz. 4 no.6:9-11 Je '60.

Railroad workers address metallurgists. A.F.Makarov and others. Put' i put.khoz. 4 no.8:14 Ag '60.

Tempering rail heads along the total length. P.A.Aleksandrov and others. Put' i put.khoz. 4 no.8:15-16 Ag '60.

Track with continuous welded rails. S.Pershin. Tekh. mol. 28 no.5:27 '60.

RAILROADS—RAILS—FASTENINGS

Efficiency of the new type of rail fastenings. V.IA.Shul'ga. Put' i put.khoz. 4 no.8:10-13 Ag '60.

RAILROADS—RAILS—TESTING

Contact strength of rail line elements in turnout areas. V.F.IAkovlev. Vest.TSNII MPS 19 no.4:47-50 '60.

Improving the performance of the URD-58 rail flaw detector. G.T.Gusak. Put' i put.khoz. 4 no.4:34 Ap '60.

Instrument for determining rail cant. L.P.Melent'ev. Put' i put.khoz. 4 no.8:32 Ag '60.

RAILROADS—RAILS—TESTING (Continued)

Leningrad flaw detector operators. E.T.Veslova. Put' i put.khoz. 4 no.6:11-12 Je '60.
New profession creates new people. I.I.Cekarev. Put' i put.khoz. 4 no.4:6-7 Ap '60.
Rail tester with a spotter operating under the rail head. B.A.Alikhodzhin. Put' i put.khoz. 4 no.7:22 Jl '60.
Two interesting suggestions. Z.N.Madorskii. Put' i put.khoz. 4 no.6:23 Je '60.
Ultrasonic rail inspection. V.D.Kozlov. Put' i put.khoz. 4 no.6:13-15 Je '60.

RAILROADS—RAILS—WELDING
Manual for track welders ("Welding and building-up rails and frogs" by N.S.Shepelev, A.V.Obukhov). Put' i put.khoz. 4 no.6:47 Je '60.
New machinery for rail welding. S.I.Kuchuk-IAtsenko. Put' i put.khoz. 4 no.8:16-19 Ag '60.
Pressure gas welding of rails. T.A.Vladimirskii, A.F.Zharkov, A.K.Shvyipov. Svar.proizv. no.8:17-20 Ag '60.
Using gas welding and pressure for railroad welding. A.F.Zharkov, A.K.Shvyipov. Put' i put.khoz. 4 no.7:14-15 Jl '60.

RAILROADS—REPAIR SHOPS
(see also subdivision under Baku; Leningrad; Yasinovataya)
Book on the reorganization of locomotive depots ("Expansion of locomotive barns" by V.G.Merezhko. Reviewed by F.D.Krotov, S.IA.Aizinbud). Zhel.dor.transp. 42 no.7:94-95 Jl '60.

RAILROADS—ROLLING STOCK
Improving the interaction of track and rolling stock. A.F.Zolotarskii, M.A.Chernyshev. Zhel.dor.transp. 42 no.7:49-54 Jl '60.
Locomotives and cars of 1959 (from "Mechanical engineering," February 1960). Zhel.dor.transp. 42 no.6:89-90 Je '60.

RAILROADS—SAFETY MEASURES
Effective control of landslides, falling rocks and floods. Put' i put.khoz. 4 no.4:25-27 Ap '60.
To assure the safety of traffic is the ultimate responsibility of railroad workers. Elek.i tepl.tiaga 4 no.5:1-3 My '60.
Tree planting for track protection from falling rocks. M.A.Polozov. Put' i put.khoz. 4 no.4:27-28 Ap '60.

RAILROADS—SALARIES, PENSIONS, ETC.
Bonus fund for track maintenance workers. A.G.Dobrovol'skii. Put' i put.khoz. 4 no.4:11 Ap '60.
New regulations on the bonus system. Avtom., telem. i sviaz' 4 no.6:40-41 Je '60.
Rules for bonus payments to track personnel. Put' i put.khoz. 4 no.4:23-25 Ap '60.

RAILROADS—SANITATION
"Hygiene for the railroad passenger" by D.I.Sats. B.T.Filippov. Zdorov'e 6 no.6:32 Je '60.

RAILROADS—SIGNALING
(see also subdivision under France)
Changes in the assembling procedure for a switching-in circuit for sectional relays. B.N.Filippov. Avtom., telem.i sviaz' 4 no.7:29-31 Jl '60.
Cost of construction operations should be lowered. Avtom., telem.i sviaz' 4 no.6:3 Je '60.
Council on Science and Technology of the Ministry of Railroad Transportation. Avtom., telem.i sviaz' 4 no.6:20 Je '60.
Device for adjusting signal lights. Avtom., telem.i sviaz' 4 no.6:16 Je '60.
From the editor. Avtom., telem.i sviaz' 4 no.7:30 Jl '60.
"Great attention to safety engineering." Avtom., telem.i sviaz' 4 no.6:30 Je '60.
Hasten to develop and introduce new equipment. Avtom., telem.i sviaz' 4 no.7:1-3 Jl '60.
Improved system for automatic cab signaling. A.M.Bryleev, A.V.Shishlikov, S.S.Mozhaev. Avtom., telem.i sviaz' 4 no.6:4-7 Je '60.
Incorrect calculation of safeguards and power supply wires for signaling devices. N.P.Peresolov. Avtom., telem.i sviaz' 4 no.7:11-14 Jl '60
Instructions on efficient utilization of electric energy. Avtom., telem.i sviaz' 4 no.6:15 Je '60.
Locating damages in signal cables. P.A.Uglov. Avtom., telem.i sviaz' 4 no.6:34 Je '60.
New schematics for switching-in of pedal slides. A.T.Maslov. Avtom., telem.i sviaz' 4 no.7:7-11 Jl '60.
Radio signaling in switching operations. A.N.Vorob'ev. Avtom., telem.i sviaz' 4 no.6:26-27 Je '60.
Redesigning signaling devices. M.A.Shtul'man. Avtom., telem.i sviaz' 4 no.6:18-19 Je '60.
Remove the shortcomings in signaling equipment. D.F.Temerov. Avtom., telem.i sviaz' 4 no.7:41 Jl '60.
Reply to the inquiries of our readers. Avtom., telem.i sviaz' 4 no.7:42 Jl '60.
Reply to the inquiries of our readers. V.I.Danilov, M.N.Khatskelevich, F.I.Chernyshevich. Elek.i tepl.tiaga 4 no.5:44 My '60.

niia. [Regulations on railroad signaling in the U.S.S.R.] Instruktsiia po signalizatsii na zheleznykh dorogakh Soiuza SSR. Moskva, Gos.transp.zhel-dor.izd-vo, 1960. 172 p.
What should a signaling and communications district be like? N.G.Kosorotov. Avtom., telem.i sviaz' 4 no.7:17-18 Jl '60.
Work for progress in technology. A.D.Safronov. Avtom., telem.i sviaz' 4 no.6:11-13 Je '60.

RAILROADS—SIGNALING—BLOCK SYSTEM
Semiautomatic blocking apparatus. Avtom., telem.i sviaz' 4 no.6:45 Je '60.

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS
Device for controlling the position of a switch disconnected from the interlocking system. I.Shvets. Avtom., telem.i sviaz' 4 no.6:39-40 Je '60.
New standards for electric interlocking centers. Avtom., telem.i sviaz' 4 no.7:43 Jl '60.
Protection network for the power supply of electric interlocking systems. M.I.Mikheev. Avtom., telem.i sviaz' 4 no.6:35 Je '60.
We are improving the operation of route control interlocking systems. I.M.Maslov. Avtom., telem.i sviaz' 4 no.6:33-35 Je '60.

RAILROADS—SNOW PROTECTION AND REMOVAL
It is time to start an over-all tree planting program. B.V.Kondrashov. Put' i put.khoz. 4 no.7:39 Jl '60.
Lengthening the life expectancy of pine trees. I.N.Baibychev. Put' i put.khoz. 4 no.8:34-35 Ag '60
Mechanization of tree planting operations for snow protection. A.IA.Samoilov. Put' i put.khoz. 4 no.7:40-41 Jl '60
Modernized snow removal machinery. F.D.Borykin. Put' i put.khoz. 4 no.8:30-30 Ag '60.

RAILROADS—STATION SERVICE
Operational and technical conditions for the automation of train movement control in stations. D.P.Bortsov. Zhel.dor.transp. 42 no.6:21-24 Je '60.

RAILROADS—STATIONS
(see also subdivision under Gomel')
Concrete borders of high passenger platforms. G.D.Muzyka. Transp.stroi. 10 no.5:53 My '60.

RAILROADS—SURVEYING
Large-scale stereophotographic exploratory surveying in railroad construction. Sh.I.Pichman. Geod.i kart. no.6:11-20 Je '60.

RAILROADS—SWITCHES
Device for controlling the position of a switch disconnected from the interlocking system. I.Shvets. Avtom., telem.i sviaz' 4 no.6:38-40 Je '60.
Improving switches. S.N.Chashchin. Put' i put.khoz. 4 no.6:21 Je '60.
Inspection of switch levers for breaks in flexible rods. S.I.Petelchepa. Avtom., telem.i sviaz' 4 no.6:27-28 Je '60.
Mechanization and automatization of the cleaning of CTC controlled switches in stations. S.P.Buzanov. Zhel.dor.transp. 42 no.7:51-60 Jl '60.
Radio signaling in switching operations. A.N.Vorob'ev. Avtom., telem.i sviaz' 4 no.6:26-27 Je '60.

RAILROADS—TIES
(see also subdivision under Yaroslavl)
Metal bolts for tie repairs. G.V.Moskalenko. Put' i put.khoz. 4 no.6:33 Je '60.
New method of tie repairs. Z.N.Boiko, P.P.Kalinina. Put' i put.khoz. 4 no.8:26 Ag '60.
Our practice in tie repairs. G.Kh.Savchenko. Put' i put.khoz. 4 no.7:30 Jl '60.
Tie plugs and spike plates. V.V.Petrovskii. Put' i put.khoz. 4 no.6:32-33 Je '60.
Tie processing in the factory. D.P.Belov. Put' i put.khoz. 4 no.7:17-18 Jl '60.
Voltage stabilizer. L.G.Ivanov. Put' i put.khoz. 4 no.8:28 Ag '60

RAILROADS—TIES—STANDARDS
New state standards for timbers. A.A.Romanov. Put' i put.khoz. 4 no.4:37-38 Ap '60.

RAILROADS—TIES, CONCRETE
Alignment of tracks with reinforced concrete ties. V.F.Fedulov. Put' i put.khoz. 4 no.8:8-10 Ag '60.
Asbestos cement ties (from "Railway Gazette," December 1959). Zhel.dor.transp. 42 no.6:92-93 Je '60.
Experimental and theoretical investigations of the distribution of stresses transmitted to the ballast by reinforced concrete ties. A.G.Kalentchenko. Sbor.trud. IUZHNII no.3:129-160 '59.
Manufacturing concrete ties without eyes. D.N.Kolenchuk. Put' i put.khoz. 4 no.8:24 Ag '60.
New method of making coils for wire-reinforced concrete ties. D.N.Kolenchuk. Transp.stroi. 10 no.7:51-52 Jl '60.
Svetov, A.A. [Prestressed reinforced concrete ties] Predvaritel'no napriazhennye zhelezobetonnye shpaly. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 100 p.

Put' i put.khoz. 4 no.6:[illegible]-30 Je '60.

RAILROADS—TOOLS AND IMPLEMENTS
(see also subdivision under [illegible])
Right way to handle spike drivers. Put' i put.khoz. 4 no.8:43-44 Ag '60

RAILROADS—TRACK
Alignment of tracks with reinforced concrete ties. V.F.Fedulov. Put' i put.khoz. 4 no.8:8-10 Ag '60
Better organization of track maintenance. M.I.Mil'shtein. Put' i put.khoz. 4 no.8:19-20 Ag '60
Calculating the number of receiving and departure tracks in classification yards. Kh.M.Lapitskii. Transp.stroi. 10 no.6:45-47 Je '60.
"Deformation of embankments" by N.G.Gronhoved. Reviewed by B.I.Nechaev. Vest.TSNII MPS 19 no.4:62-63 '60.
Improving the interaction of track and rolling stock. A.F.Zolotarskii, M.A.Chernyshev. Zhel.dor.transp. 42 no.7:49-54 Jl '60.
In the Council on Science and Technology of the Ministry of Railroad Transportation. Put' i put.khoz. 4 no.8:44 Ag '60.
Mechanized track alignment. I.IA.[illegible]. Put' i put.khoz. 4 no.4:18-20 Ap '60.
New textbook on tracks ("Tracks" by G.Al'bovskii and others. Reviewed by I.M.Dashevskii and others). Put' i put.khoz. 4 no.4:45-47 Ap '60.
On a new track. G.Poddin. Put' i put.khoz. 4 no.6:40-41 Je '60.
Portable hydraulic track liner. S.K.[illegible]. Transp.stroi. 10 no.7:63 Jl '60.
Promoting wide use of continuous rail track. Put' i put.khoz. 4 no.4:13-14 Ap '60.
Relieving stress in continuous rail track. [illegible]. Put' i put.khoz. 4 no.7:11 Jl '60.
Remedial treatment of embankments. P.F.Volkov, D.A.Sidorov. Put' i put.khoz. 4 no.6:10 Je '60.
Track maintenance on rapid transit [illegible]. A.N.[illegible]. Put' i put.khoz. 4 no.8:[illegible] Ag '60.
Track spacing should be filled with ballast. A.D.[illegible]. Put' i put.khoz. 4 no.7:[illegible] Jl '60.
Using coil spikes in track fastening. I.IA.Chistiakov. Transp.stroi. 10 no.7:61-63 Jl '60.
Vovchenko, I.A. [Repair of track and building machinery] Remont putevykh i stroitel'nykh mashin. Moskva, Gos. transp. zhel-dor. izd-vo, 1959. 140 p.
What is necessary for the adoption of the continuous rail track? V.V.Denisov. Put' i put.khoz. 4 no.4:[illegible] Ap '60.

RAILROADS—TRAFFIC
Routing cars by classified groups is an important potential for reducing car detention. A.A.Avetikian. Zhel.dor.transp. 42 no.6:30-34 Je '60.

RAILROADS—TRAIN LOAD
Prospects for increasing the weight of freight trains. I.V.Zubov. Zhel.dor.transp. 42 no.[illegible] Jl '60.

RAILROADS—TRAIN SPEED
New methods of traffic organization for fast freight trains. E.P.Ilashkevich. Zhel.dor.transp. 42 no.6:11-15 Je '60
Potentialities for increasing train speeds. A.V.[illegible]. Zhel.dor.transp. 42 no.6:6-13 Je '60.

RAILROADS—TRAINS
Potentials for increasing traffic speeds and the weight of trains. V.P.Egorov. Zhel.dor.transp. 42 no.[illegible] Jl '60.

RAILROADS, INDUSTRIAL
New four-axle EI 2 electric locomotive for industrial transportation. A.A.Terekhov. Vest.TSNII MPS 19 no.4:21-25 '60.

RAILROADS, NARROW GAUGE
Greater attention to narrow gauge lines. A.I.[illegible]. Put' i put.khoz. 4 no.8:[illegible] Ag '60.

RAILROADS, SINGLE RAIL
Monorail railroads in cities. V.Petrovskii. Arkhit.SSSR no.7:47-48 '60.
Monorail rapid transit. K.[illegible]. Arkhit.SSSR no.7:43-46 '60.
On a single rail. A.[illegible]. Tekh.mol. 28 no.7:30-32 '60.

RAILROADS, SUSPENDED
Roads over roads. I.[illegible]. Znan.sila 35 no.7:11-12 Jl '60.

RAILS (BIRDS) see subdivision under Issyk Kul' region

RAIN AND RAINFALL
(see also subdivision under [illegible] Valley, Ukraine)
Floods caused by rains. A.O.[illegible]. Priroda 49 no.7:126-127 Jl '60

[illegible]ING

[illegible] the water content of cumulo-nimbus clouds. [illegible] Trudy UkrNIGMI no.18:76-85 '60.

[illegible] EFFECT

[illegible] of the lines of Raman spectra. I.I. Kondilenko, [illegible], V.L. Strizhevskii. Opt.i spektr. 9 [illegible] Jl '60.

[illegible] Raman spectra of crystals of certain [illegible] A.V. K[illegible], A.A. Kulevskii. Izv. Sib. otd. [illegible] '60.

[illegible] Raman [illegible]. P.P. Shorygin, T.L. [illegible] AN [illegible] Jl '60.

[illegible] relations in the Raman spectra of molecules [illegible] developed conjugation. [illegible] Opt.i spektr. [illegible] no.1:46-50 Ja '60.

[illegible] AMPLIFICATION

[illegible] of culture. [illegible] Kommun. zhizn' [illegible] Je '60.

[illegible], MIKOLA KA[illegible]VICH, 1900-1944

[illegible] in Kost' Chornyi's biography. [illegible] Jl '60.

[illegible]

[illegible] optical distance meter. V.A. Voronin, [illegible] Geod.i kart. no.8:14-[illegible]

[illegible]

[illegible] foreign plants. [illegible] Adzhemov. [illegible] 24 no.6:140-151 Je '60.

[illegible] COMPOUNDS

[illegible] stability of glutamate complexes of rare earth [illegible]. N.A. Kostromina. Ukr.khim.zhur. 26 no.3: [illegible] '60.

[illegible] METALS

[illegible] certain elements on the [illegible] cationite [illegible] Trudy [illegible] no.14: [illegible]

[illegible] METALS—ISOTOPES

[illegible] the half life of [illegible]. Izv. AN [illegible] 24 [illegible] Jl '60.

[illegible]

[illegible] paramagnetic ions of rare earths [illegible] N.V. Afanas'eva. Opt.i [illegible] Ja '60.

[illegible] rare earth elements from minerals [with summary in English] [illegible] Mr-Ap '60.

[illegible]—ANALYSIS

[illegible] determination of small amounts of rare earth [illegible] spectral analysis without the use of a [illegible] Dokl. AN [illegible] Jl '60.

[illegible]—SPECTRA

[illegible] for the spectrum analysis of rare elements. Report No. 1. Analysis of complex mixtures of [illegible] [with summary in English]. V.A. [illegible] Mr-Ap '60.

[illegible] analysis of the rare earths. Sh. O. Melamed, [illegible], M.G. Remezova. Zav. lab. 26 no.5: [illegible] '60.

[illegible] METALS see subdivision under Ukraine

[illegible], A[illegible]EVICH, d 1960

[illegible] obituary. Ist.SSSR 4 no.3: [illegible] My-Je '60.

[illegible] see [illegible] Bellflowers

[illegible] CHILDREN—CARE AND HYGIENE

[illegible] experience in carrying out measures for lowering [illegible] morbidity and mortality among children. N.D. [illegible] Zdravookhranenie 3 no.3:50-51 My-Je '60.

[illegible]

(see also subdivision under Makhachkala; Ukraine; [illegible])

[illegible] changes in the number of fleas in gray rats of [illegible]. Izv. Irk. gos. nauch.-issl. [illegible]

[illegible]—EXTERMINATION see subdivision under Ukraine

[illegible]—PARASITES see Parasites—Rats

[illegible]

Use of preparations of Rauwolfia serpentina in the treatment of hypertension. Z.P. Pankratova. Vrach. delo no.7:[illegible] Jl '60.

Use of the newest hypotensive drugs in hypertension and the problem of work capacity. A.D. [illegible] Vrach. delo no.7:[illegible] Jl '60.

[illegible]KATA DISTRICT—COMMUNITY CENTERS

[illegible] club may work effectively. L. Barbakova. [illegible] 11 no.7:[illegible] Jl '60.

RAVEL, MAURICE, 1875-1937

Ballet performances to the music of Ravel. A. Vladimirskaia. Teatr 21 no.7:101-102 Jl '60.

Three ballets by Maurice Ravel. I. Entelis. Sov. muz. 24 no.7:108-114 Jl '60.

An unsuccessful book on Ravel ("Maurice Ravel" by G. TSypin. Reviewed by L. Timofeeva). Sov. muz. 24 no.7:104-108 Jl '60.

RAYON

(see also subdivision under Poland)

Change of properties of cellulose materials during freezing. A.N. Bykov, S.S. Frolov. Khim. volok. no.3:13-37 '60.

Complexometric determination of copper in solutions in the manufacture of cuprammonium fibers. K.M. Fedorova. Khim. volok. no.3:43-45 '60.

Diffusion of components in a precipitation bath deep into viscose fibers during their formation. V.S. Zakharov, I.G. Zelentsov, A.B. Pakshver. Khim. volok. no.3:28-30 '60.

Manufacture of cotton-rayon mixture fabrics. Z.I. Labukova, L.G. Ivanova. Tekst. prom. 20 no.7:29-32 Jl '60.

RAYON—TESTING

Distribution of elongation deformations in viscose fibers. M.M. Mogilevskii, G.G. Finger, O.G. Khor'kova. Khim. volok. no.3:41-43 '60.

RAYON SPINNING

(see also subdivision under Klin)

Study of the process of spinning during formation of viscose fibers. A.T. Serkov and others. Khim. volok. no.3:31-33 '60.

RAZIN, NIKOLAI MIKHAILOVICH, 1891-1940

Lappo, D.D. Nikolai Razin. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 58 p. (Moriaki-geroi grazhdanskoi voiny)

RAZVALKA, MOUNT—ROSES

Occurrence of Rosa glabrifolia C.A.M. in the Caucasus. A.I. Galushko. Bot. mat. Gerb. 20:194-204 '60.

READING

Povarnin, S.I. [How to read a book] Kak chitat' knigi. [Leningrad] Izd-vo Leningr. univ., 1960. 80 p.

READING (ELEMENTARY)

Development of the process of reading by syllables. D.B. El'konin. Dokl. APN no.4:31-34 '59.

READING MACHINES

Probability-based model of perception. E.N. Sokolov. Vop. psikhol. 6 no.2:61-73 Mr-Ap '60.

Quasi-topological method for recognition of letters. V.A. Garmash, V.S. Pereverzev-Orlov, V.M. TSirlin. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no.3:180-182 My-Je '60.

REALISM IN ART

Soviet painters help party to educate the masses. P. Sysoev. Part. zhizn' no.14:23-30 Jl '60.

REAMERS

[Solid reamers for light alloys] Razvertki mashinnye dlia legkikh splavov tsel'nye. Moskva, Gos. izd-vo standartov, 1959. 26 p. (Normali mashinostroeniia SSSR)

REAPERS see Harvesting machinery

REASONING (PSYCHOLOGY)

Comprehension of principles on the basis of generalization of relations. Report No.1. J. Cristian. Dokl. APN no.2:57-60 '60.

Developing generalizations in children of preschool age. F.I. Fradkina. Dokl. APN no.2:37-40 '60.

RÉAUMUR, RÉNÉ ANTOINE FERCHAULT, 1683-1757

"Revue d'histoire des sciences," vol. 11, no. 1, 1958. Reviewed by I.I. Kanaev. Vop. ist. est. i tekh. no.9: 179-180 '60.

RECLAMATION OF LAND

(see also subdivision under Kazakhstan; Hortobagy Valley; Polesye)

Belousov, S.N. [Machines for the reclamation of new lands] Mashiny dlia razrabotki novykh zemel'. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 60 p. (Biblioteka mekhanizatora sel'skogo khoziaistva)

Chervinskii, V.F. [Ways of bringing semi-desert and desert areas of the U.S.S.R. under cultivation] Puti sel'skokhoziaistvennogo osvoeniia zemel' v polupustynnoi i pustynnoi zonakh SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 230 p.

RECORDING INSTRUMENTS

Meter for the number of detonated charges. A.F. Gagon. Gor. zhur. no.7:72 Jl '60.

Microwire for recording sound and pulses. M.N. Rasovskaia. Sbor. trud. TSNIICHM no.23:248-262 '60.

Tomnikov, F.E. [Automatic recording instruments] Avtomaticheskie registriruiushchie pribory. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 459 p.

Use of recording instruments for the quantity control of molasses. V.I. Aksenfel'd. Sakh. prom. 34 no.6: 54-55 Je '60.

RECREATION

(see also subdivision under Dneprodzherzhinsk; Estonia)

The Communist Youth Leaguers have come to our residential blocks. K. Ivanov. Mol. komm. no.8:77-80 Ag '60.

More attention to the free time of workers. A. Sosin. Mol. komm. no.8:64-71 Ag '60.

We recommend this also to you. Ukraina no.14:23 Jl '60.

RECTUM—BLOOD SUPPLY

Intraorganic anastomoses between the arteries of the human rectum and their plasticity in experiment [with summary in English]. A.I. Puhachova. Dop. AN URSR no.5:673-677 '60.

RECTUM—DISEASES

[Current problems in proctology; clinical aspects and treatment of diseases of the rectum] Aktual'nye voprosy proktologii; klinika i lechenie zabolevanii priamoi kishki. Ufa, Bashkirskoe knizhnoe izd-vo, 1959. 202 p.
(DNLM)

RECTUM—INNERVATION

Role of various autonomic formations in the afferent innervation of the rectum. M.P. Kul'vanovskii. Trudy Inst. fiziol. AN BSSR 3:199-204 '59.

RED CLOVER

Metabolic role of the main root in red clover (Trifolium pratense L.) [with summary in English]. A.M. Alekseev, I.M. Vasil'eva, A.V. Startseva. Bot. zhur. 45 no.6: 786-794 Je '60.

RED SPIDER see subdivision under Moscow; Tambov Province

REDSTART see subdivision under Tien Shan

REDUCTION, CHEMICAL

Effect of the surface reduction of chromium oxide on its catalytic properties [with summary in English]. A.A. Balandin, I.D. Rozhdestvenskaia. Zhur. fiz. khim. 34 no.6:1336-1344 Je '60.

Study of the reduction roasting of zinc and magnesium sulfates. V.V. Pechkovskii. Zhur. prikl. khim. 33 no.5:1025-1030 My '60.

REDUCTION, ELECTROLYTIC

Cathodic reduction of magnetite. V.P. Galushko, E.F. Zavgorodniaia, L.K. Gaivoronskaia. Zhur. prikl. khim. 33 no.7:1546-1551 Jl '60.

Electromotive forces in some catalytic reduction reactions [with summary in English]. V.A. Zhuravlev, A.A. Kuzheliuk. Zhur. fiz. khim. 34 no.6:1331-1335 Je '60.

Kinetics of reduction of chromic acid. A.I. Lopushanskaia, A.V. Pamfilov. Ukr. khim. zhur. 26 no.3:314-318 '60.

Kinetics of the cathodic deposition of bismuth. Part 1 [with summary in English]. M.A. Loshkarev, E.I. Dubiago. Zhur. fiz. khim. 34 no.7:1430-1442 Jl '60.

Mechanism of the reduction of individual complexes in the presence of excess additive. G.S. Ginzburg, E.A. Maksimiuk. Zhur. prikl. khim. 33 no.5:1211-1214 My '60.

Polarographic determination of the start of the precipitation of a basic salt of antimony (V) in a hydrochloric acid solution, and calculation of the solubility product of the salt. P.N. Kovalenko, N.I. Degtiareva. Zhur. neorg. khim. 5 no.6:1189-1195 Je '60.

Polarographic peaks of the first order. Part 1: Dependence of the peak current on the concentration of the substance being reduced and on the electric conductivity of the solution [with summary in English]. T.I. Popova, T.A. Kriukova. Zhur. fiz. khim. 34 no.6:1226-1233 Je '60.

Polarographic study of the reduction and oxidation of complex ruthenium chlorides on a platinum electrode. Zhur. neorg. khim. 5 no.5:1068-1073 My '60.

Rate of exchange between cobalt and its ions in solution. Z.A. Solov'eva, L.A. Uvarov, A.T. Vagramian. Zhur. neorg. khim. 5 no.6:1185-1188 Je '60.

Simultaneous discharge of a metal and hydrogen. B.I. Skirstymonskaia, M.F. Lantratov. Zhur. prikl. khim. 33 no.5:1128-1133 My '60.

REED (BOTANY)

(see also subdivision under Kazakhstan)

Cardboard made of reed. V. Mudrik. NTO 2 no.7:26-27 Jl '60.

Organizing the processing of dry gap reed. S.P. Foteev. Bum. prom. 35 no.6:18-19 Je '60.

REEFS

Reefs and the role of tectonic movements in their formation [with summary in English]. A.I. Ravikovich. Biul. MOIP. Otd. geol. 35 no.1:47-68 Ja-F '60.

REFLECTION (OPTICS)
Point source of light in an absorbing medium between parallel planes. I. N. Minin. Dokl. AN SSSR 134 no.1: 74-76 Jl '60.

REFLEXES
Afferent paths of interoceptive reflexes. I. A. Bulygin. Trudy Inst. fiziol. AN BSSR 3:169-177 '60.

Bykov, K. M., and A. D. Slonim. [Investigations of complex reflex activity in animals and man] Issledovaniia slozhnoreflektornoi deiatel'nosti zhivotnykh i cheloveka v estestvennykh usloviiakh. Moskva, Izd-vo Akad. nauk SSSR, 1960. 202 p.

Cardiac reflex from the upper respiratory tracts. A. G. Nikhimson. Kaz. med. zhur. 40 no.5:17 S-O '59.

Effect of irrigating the gastric mucosa with a soda solution on interoceptive reflexes from the gall bladder. D. F. Osipov. Trudy Inst. fiziol. AN BSSR 3:225-235 '59.

Effect of irrigation of the gastric and intestinal mucosa with glucose solutions on conditioned and unconditioned food reflexes in a dog. N. S. Dan'. Trudy Inst. fiziol. AN BSSR 3:83-92 '60.

Effect of training extinctive inhibition on the rate of extinction of food reflexes in rabbits [with summary in English]. M. P. Polyvann. Fiziol. zhur. [Ukr.] 6 no.2: 231-237 '60.

Gastric reflexes originating in the intestine following extirpation of the premotor zone of the cerebral cortex in dogs. I. A. Bulygin, L. V. Rina, L. A. Pribluda. Trudy Inst. fiziol. AN BSSR 3:120-132 '60.

Interoceptive reflexes from the bladder following transsection of the spinal cord and different autonomic formations. K. P. Zorin-Tiskina, M. P. Kul'vianovskii. Trudy Inst. fiziol. AN BSSR 3:170-180 '60.

Lability of vascular reactions as an index of the profundity of the pathological condition in intracranial injury of the newborn. IU. F. Zmanovskii, V. N. Shishkova. Vop. okh. mat. i det. 5 no.4:59-64 Jl-Ag '60.

Mechanism of the influence of ganglion-blocking agents on the peripheral viscero-visceral reflexes [with summary in English]. V. V. Zakusov, O. V. Ul'ianova. Biul. eksp. biol. i med. 49 no.1:76-79 Ja '60.

Nerve model of a stimulus. Report No.1: Formation of a nerve model of a stimulus with repeated application of a stimulator. E. N. Sokolov. Dokl. APN no.4:93-96 '59.

Nerve model of a stimulus. Report No.2: Research on the formation of a nerve model of a stimulus in the visual analyzer of man. Van Tsin. Dokl. APN no.4: 97-100 '59.

New data on the reflex and hormone regulation of diuresis and on its changes in fever caused by a sterile abscess. E. P. Kochinskii. Zdravookhranenie 3 no.2:11-16 Mr-Ap '60.

Ontogenetic changes in the osmoregulating reflex [with summary in English]. L. I. Kurdiukov, IA. D. Finkinshtein. Biul. eksp. biol. i med. 49 no.1:17-20 Ja '60.

Palm reflex in human ontogenesis. P. S. Babkin. Vop. okh. mat. i det. 5 no.4:64-66 Jl-Ag '60.

Reflex bile secretion in domestic fowl. V. V. Il'in. Trudy Inst. fiziol. AN Kazakh SSR 2:96-101 '59.

"Reflex regulation of the cardiovascular system" by V. V. Frol'kis. Reviewed by B. V. Hubler. Fiziol. zhur. [Ukr.] 6 no.3:416-417 My-Je '60.

Role of adrenaline in the transmission of reflex influences to the thyroid gland [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 49 no.1:21-25 Ja '60.

Some peculiarities in the structure of response reactions of persons who have suffered closed craniocerebral trauma. B. D. Asafov. Trudy LIETIN 2:197-203 '59.

REFRACTOMETRY
Determination of the refractive index of mixtures of volatile liquids by means of the Pulfrich refractometer [with summary in English]. B. V. Ioffe. Zhur. fiz. khim. 34 no.5:1133-1135 My '60.

REFRACTORIES INDUSTRY—SAFETY MEASURES
Soiuz rabochikh metallurgicheskoi promyshlennosti SSSR. TSentral'nyi komitet. [Safety rules in the refractories industry] Pravila bezopasnosti v ogneupornom proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 50 p.

REFRACTORY MATERIALS
Budnikov, P. P. [Selected works] Izbrannye trudy. Kiev. Izd-vo Akad. nauk USSR, 1960. 571 p.

Change in fireclay refractory material during the cooking of electric bulb glass in electric furnaces. M. G. Manvelian, E. I. Malkhasian. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no.1:81-86 '60.

Complex automatization of the fabrication of refractory powders and their transportation. N. V. Arsiutkin, N. A. Zhurov. Prom. energ. 15 no.5:22-23 My '60.

Lining of electric furnace walls with plastic refractories. S. IA. Darin. Metallurg 5 no.8:15 Ag '60.

Polubolarinov, D. N., V. O. Balkevich, and R. IA. Popil'skii. [High-alumina ceramic and refractory materials] Vysokoglinozemistye keramicheskie i ogneupornye materialy. Pod red. D. N. Polubolarinova. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 231 p.

Role of quartz in kaolin refractory products. B. V. Ivanov, D. S. Rutman, I. V. Vinogradova. Trudy IGLM [illegible]:51-57 '60.

REFRIGERANTS
Volumenometer for determining the amount of refrigerant used. G. Vikhorev. Khol. tekh. 37 no.3:17-18 My-Je '60.

REFRIGERATION AND REFRIGERATING MACHINERY
Contact freezing [in liquid] of ground meat and preparation of blocks from the frozen mass. V. M. Chikov. Sbor. nauch. rab. Len. inst. sov. torg. no.15:108-110 '59.

Karpov, A. V. [Electric equipment for refrigerators, large-current electric units] Elektrooborudovanie kholodil'nikov; elektroustanovki sil'nogo toka. Moskva, Gos. izd-vo torg. lit-ry, 1960. 207 p.

Moisture indicator for hermetically sealed refrigerating machinery [with summary in English]. I. Martinson, N. Filichenkov, E. Pleshchenko. Khol. tekh. 37 no.3: 22-24 My-Je '60.

More consideration to be given to ammonia filters. Kh. IArvis. Khol. tekh. 37 no.3:51 My-Je '60.

New system of refrigeration in cold storage warehouses [with summary in English]. I. Badyl'kes, Sh. Lobzhanishvili. Khol. tekh. 37 no.3:15-17 My-Je '60.

Operation of ammonia condensers under winter conditions. I. Belov. Khol. tekh. 37 no.3:49-50 My-Je '60.

Prospects for the uses of refrigeration in the canning and fruit and vegetable industries [with summary in English]. Khol. tekh. 37 no.3:1-4 My-Je '60.

Protecting the refrigeration plant from the increased pressure of condensation. I. Malyshev. Khol. tekh. 37 no.3:50-51 My-Je '60.

Rozenfel'd, L. M., and A. G. Tkachev. [Refrigerating machinery and apparatus] Kholodil'nye mashiny i apparaty. Izd. 2., perer. i dop. Moskva, Gos. izd-vo torg. lit-ry, 1960. 656 p.

Selecting capillary tubes. A. Gogolin, D. Gershun. Khol. tekh. 37 no.3:69-71 My-Je '60.

Substantiating the thermodynamic similitude [with summary in English]. Khol. tekh. 37 no.3:5-10 My-Je '60.

REFRIGERATION AND REFRIGERATING MACHINERY—BIBLIOGRAPHY see Bibliography—Refrigeration and refrigerating machinery

REFRIGERATION ANESTHESIA
Course of pregnancy, labor, and fetal development in rats following hypothermia at various stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N. G. Kosheleva. Arkh. anat., gist. i embr. 38 no.1:24-30 Ja '60.

Embryogenesis in rats following hypothermia in the early stages of pregnancy and restoration of body temperature under various conditions [with summary in English]. N. A. Tripol'skaia. Arkh. anat. gist. i embr. 38 no.1: 20-24 Ja '60.

REFRIGERATION ON SHIPS
New refrigerator ships [from "The Shipbuilder and Marine Engine Builder," no.625, 1960]. Sudostroenie no.7:71-72 Jl '60. A

Testing the refrigeration plant of an average-sized fishing trawler [with summary in English]. A. Dobrovol'skii. Khol. tekh. 37 no.3:24-29 My-Je '60.

REFRIGERATOR CARS
(see also subdivision under United States)
Matalasov, S. P. [Refrigerated railroad transportation] Zheleznodorozhnyi kholodotransport. Izd. 2., ispr. i dop. Moskva, Vses. izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 315 p.

REFUGEES
Berezov, R. M., pseud. [It happened] Chto bylo. San Francisko [1959] 163 p.
(NN)

REFUGEES, BALTIC—POLITICAL ACTIVITIES see subdivision under United States

REFUGEES, HUNGARIAN—POLITICAL ACTIVITIES
The failure of the fascist accomplices ("Emigrants by profession" by Miklos Szabo. Reviewed by P. Petrunichev). Novyi mir 36 no.6:274-276 Je '60.

REFUSE AND REFUSE DISPOSAL
Apartment-house facilities areas. I. Tatarzhinskii, V. Polumordvinova. Zhil. stroi. no.6:13-15 Je '60.

REGENERATION (BIOLOGY)
Changes in the lungs of Triturus cristatus following injury. I. K. Romanova. Biul. MOIP. Otd. biol. 65 no.3:147-148 My-Je '60.

Conference on the problem of regulating inflammatory and regenerative processes. V. H. Lemus. Pat. fiziol. i eksp. terap. 4 no.3:83-84 My-Je '60.

Effect of lowered temperature on regeneration in amphibians and the resistance of the regenerate under these conditions to the cytostatic effect of novembichin and triethyleniminotriazine. E. Ch. Pukhal'skaia. Biul. MOIP. Otd. biol. 65 no.3:144 My-Je '60.

Regeneration of skeletal muscles following compensatory hypertrophy. N. [illegible] Artem'eva. Biul. MOIP. Otd. biol. 65 no.3:150 My-Je '60.

Regeneration of the spleen following experimentally induced necrosis. [illegible] Biul. MOIP. Otd. biol. 65 no.3:[illegible] My-Je '60.

Regenerative hypertrophy of the skin in rats [with summary in English]. [illegible] Biul. eksp. biol. i med. 49 no.1:99-103 Ja '60.

Regenerative possibilities of the placenta in late [illegible] [with summary in English]. [illegible] Arkh. anat. gist. i embr. 38 no.1:[illegible] Ja '60.

Reparative regeneration in the intestinal wall of the rat following experimental injury. [illegible] Biul. MOIP. Otd. biol. 65 no.3:[illegible] My-Je '60.

Some cytochemical indications of injury and regeneration in the epithelium and fibroblasts of the [illegible] Biul. MOIP. Otd. biol. 65 no.3:145-146 My-Je '60.

Studying the effect of age on the regenerative capacity of tissues [illegible] [with summary in English]. [illegible] Fiziol. zhur. [Ukr.] 6 no.3:[illegible] My-Je '60.

REGIONAL PLANNING
(see also subdivision under Apsheron Peninsula, Crimea, [illegible])
Efficient distribution of [illegible] is the most important objective in planning [illegible] Prom. stroi. 38 no.6:[illegible]

REHABILITATION OF CRIMINALS
[illegible]

REINDEER
[illegible]

REINDEER—PARASITES see Parasites—Reindeer

REINFORCED CONCRETE
(see also [illegible])
Arc welding of [illegible] steel for precast reinforced [illegible] Beton i zhel. [illegible]

[illegible]

REINFORCED CONCRETE CONSTRUCTION
(see also [illegible])
[illegible]

Friction welding of immovable parts by means of rotating a third body. V I. Vill', E. S Komarchova. Avtom. svar. 13 no. 6:24-27 Je '60.

Testing the stability and deformability of the abutment joints of precast reinforced concrete construction elements V. A. Osipov Izv vys. ucheb. zav.; stroi. i arkhit. no. 2 75-80 '60

RELATIVITY (PHYSICS)

Accurately to a million billionth; laboratory proof of the general theory of relativity. V. V Miller Priroda 49 no. 7,7-12 Jl '60.

Concerning a direct experimental confirmation of the second postulate of the special relativity theory (with reference to a note by H. Dingle). A. M. Bonch-Bruevich. Opt. i spektr. 9 no. 1:134-135 Jl '60

Einstein statics in conformal space [with summary in English]. V. A Fok Zhur eksp i teor fiz 38 no. 5 1476-1485 My '60

Rumer, IU. B., and M. S. Ryvkin. [Theory of relativity] Teoriia otnositel'nosti. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 211 p.

"What is the relativity theory" by L. D. Landau, IU. B. Rumer. Reviewed by V. Firsov. IUn. tekh. 4 no. 5: 61-66 My '60.

RELIGION

Collapse of energism. D. IU. Gamburg. Nauka i zhizn' 27 no. 6:50-56 Je '60.

Defenders of colonialism I. N Velikovich Nauka i zhizn' 27 no 5 60 63 My '60

Discoveries in the desert A. Varshavskii. Znan. sila 35 no. 5 29-31 My '60.

Discussion in the Institute of Philosophy. Nauka i rel. no. 7:83-85 Jl '60.

Dolgikh, F. I., and A. P. Kurantov. [Why we struggle with religion] Pochemu my boremsia s religiei. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 31 p. (Znanie v massy)

Grushevitskii, I. V., and S. A. Razumov. [Biology and religion] Biologiia i religiia. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR. Leningr. otd-nie, 1960. 30 p.

"Holy water" and silver. B. N. Konarev. Nauka i zhizn' 27 no. 6:49 Je '60.

Life for the sake of ... death. M. Gapochka. Nauka i rel. no. 7:31-38 Jl '60.

Osipov, A. A. [My answer to believers; reply to a reply] Moi otvet veruiushchim; otklik na otkliki. [Leningrad] Lenizdat, 1960. 67 p.

Under the cardinal's robes. A. A. Ivanov. Nauka i zhizn' 27 no. 7:61-64 Jl '60.

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

Collapse of the theory of primonotheism. I. A. Kryvelev Vop. filos. 14 no. 7 135-146 '60.

An old but formidable weapon. G. S. Pomerants. Vop. filos. 14 no. 7:177-178 '60.

RELIGION AND ASTRONAUTICS

It would be funny if it were not so serious. Nauka i zhizn' 27 no. 7:50 Jl '60.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND LITERATURE

(see also subdivision under Ukraine)

Words that conquer darkness. P. Sumarev. Polit. samoobr. 4 no. 7:113-117 Jl '60.

REMBRANDT HERMANSZOON VAN RIJN, 1606-1669

Who is the heroine of this Hermitage painting by Rembrandt? A. Chlenov. Iskusstvo 23 no. 6:51-59 '60.

REMOTE CONTROL

(see also subdivision under Altai region, Krasnodar Territory)

Akademiia nauk SSSR. Institut avtomatiki i telemekhaniki. [Handbook on automatic and remote control elements; time relays, programming devices, counting relays, and searchers] Spravochnik po elementam avtomatiki i telemekhaniki; rele vremeni, programmnye ustroistva, rele scheta, iskateli. Sost. I. E. Dekabrun i N. N. Fedor. Pod red. B. S. Sotskova. Moskva, Gos. energ. izd-vo, 1960. 136 p.

Instruments of code-pulse telemetering systems with a direct conversion of the angle of pointer rotation to the code. S. M. Mandel'shtam. Priborostroenie no. 7:13-16 Jl '60.

Investigating high-frequency interference in contact and power networks of mines. IU. A. Morozov. Izv. Sib. otd. AN SSSR no. 5:42-50 '60.

Operational reliability of telemechanics systems. N. S. Shabalin. Elektrichestvo no. 6:61-63 Je '60.

Principles for complete automation and remote control in petroleum production enterprises. A. V. Sinel'nikov, S. IA. Iankovich, A. G. Mamikonov. Neft. khoz. 38 no. 6:1-6 Je '60.

Remote control of steel pouring from a two-stopper ladle [with summary in English]. P. K. Morokov and others. Stal' 20 no. 8:704-708 Ag '60.

P. K. Morokov Metallurg 5 no. 8,14 Ag '60.

Remote controller of welding currents V N Kulikov Mont i spets rab. v stroi 22 no 6 27-29 Je '60

Site selection for stress transmitters in remote dynamometric systems. I. G. Belov, G. M. Kulish. Neft. khoz. 38 no. 3:28-31 Mr '60.

Zvenigorodskii, I. S. [Remote control communication channels] Kanaly sviazi dlia telemekhaniki. Moskva, Gos. energ. izd-vo, 1960. 151 p.

RENAL DISEASES see Kidneys—Diseases

RENARDITE CRYSTALS

Similarity of the form of phosphuranylite and renardite crystals. L. N. Belova, K. E. Frolova. Zap. Vses. min. ob-va 89 no. 2:219-221 '60

RENN, LUDWIG

A talk with Ludwig Renn. Jacque Dubois. V zashch. mira no. 5:29-33 My '60.

RENT (ECONOMIC THEORY)

Kozodoev, I. I. [Theoretical study of land relations in socialist countries] Zemel'nye otnosheniia v sotsialisticheskikh stranakh; ocherk teorii. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 351 p.

Land rent under socialism and its distribution. V. Andreev. Vop. ekon. no. 8:129-136 Ag '60.

RENTAL AUTOMOBILES see Automobiles, Rental

REPAIR AND SUPPLY STATIONS see subdivision under Smolensk Province

REPAIR AND SUPPLY STATIONS—FINANCE see subdivision under Gur'yev Province

REPATRIATION see subdivision under Spain

REPIN, IL'IA EFIMOVICH, 1844-1930

I. E. Repin on proletarian art. F. Rotshtein. Iskusstvo 23 no. 6:70-71 '60.

Repin, I. E. [I. E. Repin and L. N. Tolstoi] I. E. Repin i L. N. Tolstoi. Moskva, Iskusstvo, 1949. 1 v. (RPB)

A water color by I. E. Repin. V. Moskvinov. Iskusstvo 23 no. 6:69-70 '60.

Work by I. E. Repin on the picture "The Volga boatmen." M. Nemirovskaia. Iskusstvo 23 no. 6:44-50 '60.

REPORTERS AND REPORTING see subdivision under Alma-Ata Province

REPRESENTATIVE GOVERNMENT AND REPRESENTATION

Bel'son, IA. M. [Present-day bourgeois states and "national representation"] Sovremennoe burzhuaznoe gosudarstvo i "narodnoe predstavitel'stvo." Moskva, Gos. izd-vo iurid. lit-ry, 1960. 198 p.

REPTILES see subdivision under Azerbaijan; Kazakhstan

RESEARCH see subdivision under Kazakhstan; Latvia, Mongolia; Ukraine

RESEARCH, INDUSTRIAL

(see also subdivision under Chimkent; Karaganda)

Strengthen the relationship between science and industrial production. I. Ermolin. NTO 2 no. 7,32-33 Jl '60.

RESERVOIRS

Abramov, S. K., and others. [Reservoir influence on hydrogeological conditions of adjacent areas] Vliianie vodokhranilishch na gidrogeologicheskie usloviia prilegaiushchikh territorii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 318 p. (Inzhenernaia gidrogeologiia)

Karaushev, A. V. [Wind waves and swells on reservoirs and lakes] Sgonno-nagonnye iavleniia na vodokhranilishchakh i ozerakh. Leningrad, Gidrometeor. izd-vo, 1960. 215 p.

Theory of long-term streamflow regulation. N. A. Kartvelishvili. Izv. VNIIG 56:231-232 '56.

RESIN ACIDS

Paper chromatography of resin acids from pine and spruce. B. P. Smirnov, V. S. Sidorov. Zhur. prikl. khim. 33 no. 5:1202-1203 My '60.

RESINS, SYNTHETIC

Automatic control and regulation of the pH in the production of urea-formaldehyde resins N IA Parlashkevich and others Plast massy no 5 56-59 '60

Component proportioning in the preparation of M-70 resin. G. V. Morushkin. Der. prom. 9 no. 7:19-20 Jl '60.

Laminated plastics based on glass fibers Report 9. Hardening of some resole resins used in the manufacture of glass fiber and other laminated plastics. P Z. Li, T. M Kashirskaia, T M Lukovenko. Plast. massy no 5 13-14 '60.

Selecting synthetic resins for making particle board. A. N. Otlivanchik Stroi mat 6 no. 5:13-15 My '60

from a chromium electrolyte N V. Mzareulishvili. Soob. AN Gruz. SSR 24 no 3:291-294 Mr '60.

Use of phenolates in the manufacture of gluing resins. A G. Zabrodkin, R. Kh Sultanbek Der prom. 9 no 5: 16 My '60

RESISTORS—NOISE

Flicker noise of carbon resistors in a frequency band of 1 to 300 cycles. T. D. Razina. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:234-240 '60.

RESORCINOL

Block copolymer from epoxide and dimethylresorcinol resins as a binder for glass reinforced plastics M S. Akutin, I M Gurman, M. A. Stal'nova Plast massy no 5,10-11 '60

RESPIRATION

Blood gases in lung resections in pulmonary tuberculosis patients. A L. Gofman Pat., klin. i terap tub. no. 8: 299-302 '58.

Change in external respiration in connection with surgery for the removal of a tuberculous lung Report No. 1. V. P. Nikolaets. Pat., klin. i terap. tub no. 8:300-303 '58.

Change in the respiration of muscles of denervated extremities following the application and removal of a tourniquet. T. IA. Balaba, I. E. Malakhov. Uch. zap. 2-go MGMI 17:131-142 '58.

Connection of morphology and function in the external respiratory apparatus. A. I. Sadof'ev. Trudy LIETIN 2:55-65 '59.

Effect of decerebration on changes in the respiration of rabbits and pigeons in a state of hypoxia [with summary in English]. N. V. Lauer, A. Z Kolchynska Fiziol. zhur [Ukr] 6 no 4:490-497 Jl-Ag '60.

External respiration and the significance of its disturbance in hypotonic disease [with summary in English]. F. IA. Primak, IA. D. Bondarenko. Vrach. delo no. 7: 9-15 Jl '60.

External respiration in patients with bronchial asthma before and following treatment with neobenzinol. G. Kh. Lazidi. Kaz. med. zhur. 40 no. 5:73-74 S-O '59.

Gas exchange and oxygen saturation of the blood in tuberculosis patients in relation to lung resections. V. P. Nikolaets. Pat., klin i terap. tub no. 8 293-299 '58.

Gaseous composition of the blood in patients with destructive forms of pulmonary tuberculosis. A. L. Gofman. Pat., klin. i terap. tub. no. 8:277-280 '58.

Importance for disability evaluation of patients with chronic pneumonia and bronchiectasis of indexes of pulmonary ventilation capacity. L. S. Ul'ianova. Trudy LIETIN 2:72-81 '59.

Pulmonary ventilation in therapeutic pneumoperitoneum. M. Z. Rotenfel'd. Sov. zdrav. Kirg. no. 1:36-39 Ja-F '58.

Recent data on cutaneous respiration in man. N. M. Petrun'. Usp. sovr. biol. 49 no. 3:359-372 My-Je '60.

Relation between gas exchange in young Sevan trout and the environmental temperature. L. P. Ryzhkov. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:17-26 F '60.

Respiration in infiltrative forms of pulmonary tuberculosis in children. E. G. Bednaia. Pat., klin. i terap tub no. 8:201-204 '58.

Respiratory atrioventricular block. E. B. Babskii, L. S. Ul'ianinskii. Dokl. AN SSSR 133 no. 3:716-719 Jl '60.

Some functional studies of persons disabled by bronchiectasis under industrial conditions. F. N. Spivak, A. I. Ulitina. Trudy LIETIN 2:30-45 '59.

Some indexes of the respiratory function of the body following pneumonectomy [with summary in English]. V. A. Losev. Vrach. delo no. 6:595-598 Je '60.

RESPIRATORS

(see also subdivision under Czechoslovakia)

Bogdanovich, P. L. [New respirators for mine rescue work] Novye respiratory dlia gornospasatel'nykh rabot. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 60 p.

RESPIRATORY ORGANS

Cardiac reflex from the upper respiratory tracts. A. G. Nikhinson. Kaz. med. zhur. 40 no. 5:117 S-O '59.

Influence of a complex of factors at the Istisu resort on the respiratory organs [in Azerbaijani with Russian summary]. D. K. Akhundov. Azerb. med. zhur. no. 5: 19-23 My '60.

RESPIRATORY ORGANS—DISEASES

Disturbances in liver function following some diseases of the respiratory apparatus. B. D. Borovskaia. Vrach. delo no. 6:599-603 Je '60.

REST

Work, rest, and the development of intellectual faculties. A. Glazachev. Polit. samoobr. 4 no. 5:64-73 My '60.

RESTAURANTS, LUNCHROOMS, ETC.

(see also subdivision under Altai Territory; Azerbaijan; Leningrad; Monastyrshchina; Moscow)

Editor's mail. Sov. potreb. koop. 4 no. 6:44-45 Je '60.

Letters to the editor. Obshchestv. pit. no. 6:51-52 Je '60

ESTAURANTS, LUNCHROOMS, ETC (Continued)

New types of coffeehouses and restaurants for automobile tourists. Stroi i arkhit Mosk 9 no 5 26-28 My '60

Send the complaint book to the archives! D.D. Korolev. Ogonek 38 no.33:1,5 Ag '60.

Ship's cook. Vl. Chernov. Obshchestv.pit. no.6:10-12 Je '60.

Urgent problems. P. Mikhurina. Sov potreb koop 4 no 6,26-27 Je '60

We are going to extend considerably the socialist competition. Obshchestv pit no 6 3-4 Je '60.

ESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING

All stored products must be processed without delay! S.Svitich. Obshchestv.pit. no 6:56 58 Je '60.

ESTAURANTS, LUNCHROOMS, ETC.—CONGRESSES

For a better food service for workers. All-Union Conference of Workers in the Public Food Service. Obshchestv pit no.6:5-28 Je '60

ESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES
(see also subdivision under Lvov)

All-Russian congress on the equipment of trade and public eating establishments. Sov.torg. 33 no.6:5-15 Je '60.

For technical progress. Conference in the Ministry of Trade of the R.S.F.S.R. Obshchestv pit. no 6 30 Je '60.

Multipurpose machine for meat shops. H. Miakotkin Obshchestv.pit. no 6:45-48 Je '60

ESUSCITATION

Use of indirect heart massage and artificial respiration in asphyxia in newborn animals [with summary in English]. O.P.Morozov. Fiziol.zhur.[Ukr.] 6 no.2.228-234 '60.

ETAIL TRADE
(see also subdivision under Alma-Ata, Azerbaijan; Gorky Province; Kirghizistan, Moldavia, Moscow; Rostov Province; Shushkodom, Stalingrad Province, Tatar A.S.S.R.; Ukraine; Voronezh)

Let's simplify the method of planning. V. Klovatskii. Sov.torg. 33 no.6:55 Je '60.

Role of local organizations in planning the turnover. IA.Sapel'nikov. Sov.torg. 33 no.6:16-19 Je '60.

Send the complaint book to the archives! D.D.Korolev. Ogonek 38 no.33:1,5 Ag '60.

ETINA

Role of the layer of retinal photoreceptors in the induction of the cornea [with summary in English]. V.V.Popov, T'ung Yun-hsu. Zhur.ob.biol. 21 no.3:180-197 My-Je '60.

ETTING

Investigating the process of freeing the fibers from retted embary hemp straw. I.N.Trofilov. Izv.vys.ucheb. zav.; tekh.tekst.prom. no.3:15-37 '60.

EVESZ, GEZA, 1902-

People and events: Geza Revesz. Nov.vrem. 18 no.31: 28 Jl '60.

EVOLUTIONARY POETRY

Verse of two revolutions. S.I.Stykalin. Vest.Mosk.un. Ser.7:Filol.,zhur. 15 no.3:60-63 My-Je '60.

EVOLUTIONS
(see also subdivision 'Revolution, 1917-1921' under Armenia; Baku; Erivan; Estonia; Kharkov, Leningrad, Moscow Province; Russia; Russia, Northwestern; Soviet Far East; Ukraine; Ural Mountain region; White Russia; subdivision 'Revolution of 1905' under Komi A.S.S.R.; Moscow, subdivision 'Revolution, 1917-1921—Aerial operations' under Russia; subdivision 'Revolution, 1917-1921—Food question' under Turkestan; subdivision 'Revolution, 1917-1921—Personal narratives' under Russia)

Krasin, IU.A. [Lenin's theory of the socialist revolution] Leninskaia teoriia sotsialisticheskoi revoliutsii. Leningrad, 1960. 134 p. (Leningrad. Gosudarstvennyi pedagogicheskii institut im. A.I.Gertsena. Uchenye zapiski, no.220).

Some problems of historical materialism in the light of the experience of the present-day democratic revolution in China A.I.IArtseev. Uch.zap Ped.inst.Gertsa. 162 pt.2.3-28 '59

V.I.Lenin on early bourgeois revolutions. B.F.Porshnev. Nov.i noveish.ist. no.2:50-66 '60.

EWARDS, PRIZES, ETC.

Awarding prizes to the participants of the Exhibition of Achievements of the National Economy of the U.S.S.R. Izv.ASIA no.2:114-115 '60.

Awarding the prizes in the Moscow Naturalists' Society. Biul.MOIP.Otd.geol. 35 no.1:111 Ja-F '60.

Decree of the Presidium of the Supreme Soviet of the White Russian S.S.R. on conferring the honorary status of Honored Physician of the White Russian S.S.R. to medical personnel of the republic. Zdrav.Belor 4 no.3.75 Mr '58.

For new achievements of the national economy. Mont.i spets.rab.v strol. 22 no.7:1-3 Jl '60.

RH FACTOR

Posttransfusion shock reaction from Rh incompatible blood. I.I Kantarovich. Zdrav Belor 4 no 3 44 20 Mr '58

RHAMNOSE

Preparation of l-rhamnose. L.A. Mikhailova, L.N. Efremova, A.A Prianishnikov. Trudy IRI A no.21 67-73 '59

RHEE, SYNGMAN, 1875

Li Sung-mang, a runaway executioner. Michel Hincker. V zashch mira no 7 48-52 Je '60

RHENIUM

Regeneration of rhenium from rhenium-tungsten alloy wastes. O.I.Abashin. TSvet.met. 33 no.5:69 70 My '60.

Study of the changes in thermoionic properties of rhenium coated tungsten cathode. M.I.Smorodinova, P.P. Sytnin. Trudy SAGU no.146:9-22 '59

RHENIUM—ANALYSIS

Colorimetric determination of rhenium in the presence of molybdenum. Report No. 3. V.M.Tarafan, L.G. Mushegian. Izv.AN Arm SSR.Khim.nauki 12 no.6. 407-412 '59.

RHENIUM COMPOUNDS

Synthesis and thermal decomposition of the tetraammine and amino complex compounds of rhenium trichloride. Miao Tsin-shen, V.G.Tronev Zhur.neorg.khim. 5 no.4:801-809 Ap '60.

RHENIUM-TUNGSTEN ALLOYS see Tungsten rhenium alloys

RHEOLOGY

Input effects during the flow of nonvulcanized rubbers [with summary in English]. R.V.Torner. Inzh.-fiz zhur. no 6 27 38 Je '60.

Kim, A.Kh. [Some problems on the rheology of visco plastic dispersed systems] Nekotorye voprosy viazko plastichnykh dispersnykh sistem. Minsk, Redaktsion no-izdatel'skii otdel BPI im. I.V.Stalina, 1960. 61 p.

Practical methods for designing reinforced concrete construction elements taking into account rheological properties of materials. S.L.Fraifel'd, O V Pal'chinskii. Sbor trud.IUZHNII no.5:1 61 '59.

Rheological problems in the processing of plastics into finished products. D.F.Glukhov, S I Kiss. Plast massy no 5 22-25 '60.

RHEUMATIC FEVER

Classification and nomenclature for rheumatic fever adopted by the Plenum of the Anti Rheumatic Fever Committee. Vop.okh mat i det. 5 no 4:00 80 Jl Ag '60.

Diagnostic significance of the fractional erythrocyte sedimentation rate in rheumatic fever. V.N.Tilvat kovskii. Voen.-med.zhur. no.6 03 Je '60.

Gubergrits, A.IA., and L.A.Leshchinskii. [Rheumatic fever and its control] Revmatizm i bor'ba s nim. Moskva, Medgiz, 1958. 56 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

Hypogammaglobulinemia in the course of the rheumatic process in children. I.A.Nadezhdina. Vop okh mat i det. 5 no.4:61-66 Jl Ag '60

Nesterov, A.I. [Study of rheumatic fever and diseases of the joints] Ocherk izucheniia revmatizma i boleznei sustavov. Moskva, 1951. 98 p. (Akademiia meditsinskikh nauk SSSR, Moscow. Istoriia otechestvennoi meditsiny)
(MnU)

Plenum of the All-Union Committee on the Study of Rheumatic Fever and Joint Diseases in the Presidium of the Academy of Medical Sciences of the U.S.S.R. S.I.Shcherbatenko. Kaz.med.zhur. 40 no.5.104 105 S-O '59.

Treatment and prevention of rheumatic fever in children. O.M.Fabrikant. Fel'd.i akush. 25 no.5:10-17 My '60.

RHEUMATIC HEART DISEASE

Some changes in the metabolic processes in patients with recurrent, mild rheumatic carditis. A.M.Fliseeva. Kaz.med.zhur. 40 no.5:116-117 S-O '59.

RHEUMATISM

Cobalt and nickel in the blood of rheumatic children during the active phase of the disease. A.I.Pauk. Vestsi AN BSSR.Ser.biial.nav. no.2:127-129 '60.

RHINOSCLEROMA

Mikhailovskii, S.V. [Scleroma of the respiratory tract] Skleroma dykhatel'nykh putei. Moskva, Medgiz, 1959. 150 p.
(DNLM)

RHODIUM COMPOUNDS

Complex compounds of rhodium with thiosulfate and ethylenediamine. I.I.Cherniaev, A.G.Maiorova. Zhur neorg.khim. 5 no.5:1074-1084 My '60.

Monovalent rhodium formates I.I Cherniaev, P. V. Shenderetskaia, A.A.Karlagina. Zhur neorg khim 5 no 5:1163 My '60.

Thiosulfate complexes of rhodium with [illegible] I.I. Cherniaev, A. G. Maiorova [illegible] 5 no.6,1[illegible] Je '60

[illegible]

[illegible]

[illegible]

[illegible] M. M. [illegible] My '60

[illegible], ALEKSANDR NIKOLAEVICH, 1899

[illegible]

[illegible]

[illegible]

[illegible]

Similarity between [illegible] biological activity [illegible] and others [illegible] '60

[illegible]

[illegible]

[illegible]

[illegible]

Effect of mineral fertilizers [illegible] Vest. AN Kazakh. [illegible]

Effect of [illegible] water regime [illegible] My-Je '60

[illegible]

Effect of [illegible] water regime [illegible] My-Je '60

RICKETS

Diphenylamine reaction, [illegible] Abelin's test, and Nesterov's test [illegible] My-Je '60

[illegible] Ag '60

[illegible]

How [illegible] Ag '60

[illegible] [Firing air rifles] [illegible] DOSAAF, 1959. [illegible] p.

[illegible] APARTMENT [illegible]

New large [illegible] My '60

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] MOTION PICTURE FESTIVALS

[illegible]

[illegible] RAILROADS [illegible]

[illegible] Jl '60.

[illegible] TELEPHONE

Combination of functions in the servicing of public telephones [illegible] Vest. sviazi 20 no.6 31 Je '60

[illegible]—THEATER

An epic of a heroic career. Teatr 21 no.7 [illegible] Jl '60.

[illegible]—TRANSPORTATION, AUTOMOTIVE

Always in front [illegible] Avt. transp. 38 no.7 [illegible] Jl '60

RIGA, GULF OF—TEMPERATURE

Heat exchange between the Baltic Sea and the Gulf of Riga. A. A. Pastors. Trudy Okean. kom. 7:98-115 '60.

RIKHTER, SVIATOSLAV TEOFILOVICH, 1914-

S. Rikhter plays Beethoven. Florestan. Sov. muz. 24 no. 9:145-146 Je '60.

RING FORMATION see Cyclization

RINGS (MATHEMATICS)

Gel'fand, I.M., D.A.Raikov, and G.E.Shilov. [Commutative normed rings] Kommutativnye normirovannye kol'tsa. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 315 p. (Sovremennye problemy matematiki)

Rings of partial associative rings. V.P.Elizarov. Izv.AN SSSR Ser.mat. 24 no.2:152-170 Mr-Ap '60.

Rings with an idealizator condition. Part 1. P.A.Friedman. Izv.vys.ucheb.zav.; mat. no.2:213-222 '60.

RIVERS

(see also subdivision under Ladoga region; Maritime Territory)

Development and transformation of rivers A.A.Troitskii Trudy SIMSKH no.14:62-73 '59

Druzhinin, I.P. [Properties of streamflow regime and method of plotting type hydrographs] Svoistva rezhima stoka rek i metodika postroeniia tipovykh gidrografov Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 116 p

Investigating the form of the cross section of a river bed. O.K.Siniavskii. Izv.AN Kazakh.SSR.Ser.energ. no.2: 36-40 '60.

Our rivers in July. N.T.Kuznetsov. Priroda 49 no 7: 125-126 Jl '60.

Rzhanitsyn, N.A. [Morphological and hydrological characteristics of river systems] Morfologicheskie i gidrologicheskie zakonomernosti stroeniia rechnoi seti. Leningrad, Gidrometeor. izd-vo, 1960. 237 p.

RIVERS—REGULATION

Determining the capacity of flood-control reservoirs with a calculation for seasonal regulation of streamflow. E.M.Podol'skii, B.L.Baburin. Gidr. stroi. 30 no.6: 30-35 Je '60.

Theory of long-term streamflow regulation. N.A. Kartvelishvili. Izv.VNIIG 68:231-232 '60.

RIVETS AND RIVETING

Deep fusion plug welding. A.IA.Brodskii. Svar.proizv. no.7:18-21 Jl '60.

ROACH (FISH)

Developmental stages of the Caspian roach (Rutilus rutilus caspicus (Jakowlew)) and the roach of the Kuban and Don Rivers (Rutilus rutilus heckeli (Nordmann)). N.O.Lange. Trudy Inst.morf.zhiv. no.26:47-98 '60.

Late developmental stages of roach (Rutilus rutilus heckeli (Nordmann)), bream (Abramis brama (Linne)), and carp (Cyprinus carpio (Linne)) in the outer Volga Delta and the northern Caspian. T.B.Soblina. Trudy Inst.morf.zhiv. no.26:137-160 '60.

Transition to subsequent stages of development as exemplified in the roach of the Kuban River (Rutilus rutilus heckeli (Nordmann)). E.F.Eremeeva. Trudy Inst.morf.zhiv. no.26:10-24 '60.

ROAD CONSTRUCTION

(see also subdivision under Uzbekistan)

Designs of street pavements and sidewalks. G. M. Soskin Gor khoz. Mosk 34 no. 5 28-31 My '60

Fully mechanized construction of bituminous soil roadbeds. IU.I.Garber. Avt.dor. 23 no.7:6-7 Jl '60.

In the Supreme Soviets and Soviets of Ministers of the Union Republics. Sov.deput.trud. no.7:102-104 Jl '60.

Mixed brigades are the highest form of work organization. A.Naidenov, N.Rozov. Avt.dor. 23 no.7:4-6 Jl '60.

Road builders change to the seven-hour workday. V.V. Sorokin. Avt.dor. 23 no.7:2-3 Jl '60.

Road construction in provinces. I.Mel'nik. Avt.dor. 23 no.7:26 Jl '60.

Using local materials in constructing roadbeds. B.Beliaev. Avt.dor. 23 no.7:7-8 Jl '60.

ROAD CONSTRUCTION—ACCOUNTING see subdivision under Stavropol Territory

ROAD CONSTRUCTION—DICTIONARIES

[Russian-Chinese road construction dictionary] Russko-Kitaiskii slovar' po dorozhnomu stroitel'stvu. Peking, [1959] 534 p.

ROAD DRAINAGE

Calculating the amount of seepage through bedding sands. N.I.Ershov. Avt.dor. 23 no.7:23-25 Jl '60.

ROAD MACHINERY

The D-464 asphalt paver. A.S.Selenevich. Avt.dor. 23 no.7:11-12 Jl '60.

From the history of building and road machinery. B.M. Goldovskii. Stroi.i dor.mashinostr. 5 no.7:36 Jl '60.

Machinery for over-all mechanization of earthwork and road construction. P.Sankin, L.Chudinovskii. Stroi.i arkhit.Mosk. 9 no.5 23-25 My '60

New equipment for road-building organizations. N.Gorovoi. Avt.dor. 23 no.7:12-14 Jl '60.

Pleshkov, D.I. [Road machinery] Dorozhno-stroitel'nye mashiny. Izd.2., perer.i dop. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat, 1960. 471 p.

Program for training road-machinery operators. G.Gorev. Avt dor. 23 no 7:27 Jl '60.

The T-3500 mechanical tamper mounted on the S-80 tractor to be used in compacting soil N S Komarovskii Mekh stroi 17 no 5 25-26 My '60

ROAD MACHINERY—DESIGN AND CONSTRUCTION

Standardization and use of interchangeable units in self-propelled chassis for building and road machinery. E.I. Nemirovskii, A IA.Gurevich. Standartizatsiia 24 no.7:15-20 Jl '60.

ROAD MATERIALS

Volkov, M.I., and others. [Road materials] Dorozhno-stroitel'nye materialy. Izd.3., perer. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 543 p.

ROAD ROLLERS

Sokoliar, S.M. [Repairing road rollers] Remont dorozhnykh katkov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 99 p.

ROADS

(see also subdivision under Ukraine)

Babkov, V.F. [Highways; basic information on highways for automobile drivers] Avtomobil'nye dorogi; osnovnye svedeniia o dorogakh dlia avtomobilistov. Izd.2., perer. i dop. Moskva, nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 238 p.

Urban truck routes. A.Sigaev. Arkhit.SSSR no.5:27-31 '60.

ROADS—CONTRACTS AND SPECIFICATIONS

Technical standards for planning local roads. M.S.Zamakhaev, E.V.Krutetskii. Avt.dor. 23 no.7:19-21 Jl '60.

ROADS—DESIGN

Bus roads. L.V.Novikov. Avt.dor. 23 no.7:25 Jl '60.

Nomograms for determining cross sections of roadbeds. IA.M.Khaikin. Transp.stroi. 10 no.7:48-49 Jl '60.

Norms for designing rural roads and recommended types of pavements. A.K.Slavutskii. Avt.dor. 23 no.7: 21-23 Jl '60.

Speedways in large Soviet cities. V.P.Khodnaev. Izv. ASiA no.2:95-104 '60.

ROADS—ESTIMATES AND COSTS

Costs and the quality of road construction V.A.Zelenevskii. Gor.khoz.Mosk. 33 no.6:33-35 Je '60.

ROADS—MAINTENANCE AND REPAIR

Improve the administrative structure of the highway maintenance service. I.M.Farber. Avt.dor. 23 no.7:15 Jl '60.

ROBBERY

Legal nature of armed robbery. S.IA.Bulatov, N.S. Gagarin. Izv.AN Kazakh.SSR.Ser.ekon., filos.i prava no.1:62-74 '60.

ROBESON, PAUL, 1898-

My meetings with Robeson. Herbert Marshall. Teatr 21 no.8:182-184 Ag '60.

ROCK DRILLS

Bit dressing and hardening. V.A.Domra. Put' i put. khoz. 4 no.6:30-31 Je '60

ROCK PRESSURE

(see also subdivision under Donets Basin)

Condition of vertical shaft walls of Donets Basin mines. IU.N.Onishchenko. Ugol' Ukr. 4 no 6:11-13 Je '60.

Effect of shaft bottom workings on stress distribution around vertical mine shafts. A.I.Surkov. Shakht. stroi. 4 no.7:17-20 Jl '60.

Greater use of optical methods for the study of strains in mining. V.F.Trumbachev, E.A.Mel'nikov. Gor.zhur. no.7:77 Jl '60.

Lamination of roof rocks during stoping. A.A.Orlov. Ugol' 35 no.5:44-47 My '60.

ROCK WOOL see Mineral wool

ROCKETRY

Designing guided missiles ("Aerodynamics. Theory of jet engines. Construction and planning." by E.A. Bonney, M.J.Zucrow, C.W.Besserer. Reviewed by I.I.Anureev). Vest.Vozd.Fl. no.5:87-88 My '60.

"Instrumentation for relaying data by radio from rockets and missiles." Reviewed by M.V.Maksimov. Vest. Vozd.Fl. no.2:88-89 F '60.

Man to fly to the stars. A.Dmitriev. Znan.sila 35 no.7:30-31 Jl '60.

Peace rockets. M.G.Kroshkin. Nauka i zhizn' 27 no.6: 5-10 Je '60.

Return from outer space. V.A.Parfenov. Nauka i zhizn' 27 no.6:31-33 Je '60.

ROCKETS (AERONAUTICS)

A man dreamed about stars. V.Prokof'ev. Vokrug sveta no.6 13-15 Je '60.

New powerful ballistic rocket Nauka i zhizn' 27 no.7:7 Jl '60

[Problems of rocket engineering; translations and surveys of foreign periodical literature] Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury 10 no.7 '60

ROCKETS (AERONAUTICS)—FUEL

Effectiveness of various fuel systems of liquid fuel rocket engines. P.K.Kazandzhan, IU.P.Tikhomirov. Vest. Vozd.Fl no.6 90-92 Je '60.

ROCKETS (ORDNANCE)

Egorov, P.T. [Rocket missiles] Reaktivnoe oruzhie. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 224 p. (Biblioteka ofitsera)

"Katiushas" M.Emelin. Voen.znan. 36 no.7:21-22 Jl '60.

With the rocket-launching teams. E.Smotritskii. Voen. znan. 36 no.7:8-9 Jl '60.

ROCKETS, SOUNDING

Geophysical research using rockets and artificial satellites. A.A.Blagonravov, M G.Kroshkin. Vest.AN SSSR 30 no.7,7-20 Jl '60.

ROCKS

(see also subdivision under Azov Sea region)

Emission of neutrons by rocks G V.Gorshkov, N.M Liatkovskaia Dokl AN SSSR 133 no 1 92-94 Jl '60

Study of structural characteristics of the interstitial space based on electric logging data L A Buriakovskii Izv vys ucheb zav ,neft' i gaz 3 no 6 9-16 '60

ROCKS—CLEAVAGE

Estimating the stability of rocks in tunneling. I.N.Shubin. Transp.stroi. 10 no.5:45-47 My '60.

ROCKS—ELECTRIC PROPERTIES

Studying electric resistance in rock specimens subjected to a surrounding pressure up to 1000 kg/cm^2. M.P.Volarovich, A.T.Bondarenko. Izv.AN SSSR.Ser.geofiz. no.7:946-953 Jl '60.

ROCKS—MAGNETIC PROPERTIES

Nomogram for calculating the residual magnetism and magnetic susceptibility of rock and ore samples A A Bystritskii. Razved.i okh nedr 26 no.5 34-36 My '60

Paleomagnetic correlation of the Marguzor section of Cenozoic continental molasse strata (northern Fergana) A.A.Valiev. Izv.AN SSSR.Ser.geofiz. no.7:974-976 Jl '60.

ROCKS—TESTING

Apparatus for determining the breaking strength of rocks. V.G.Smertiuk. Ugol' 35 no.5 47-50 My '60.

Hardness of well bottom rocks. V.S.Fedorov, I.S. Finogenov. Izv.vys.ucheb.zav ,neft' i gaz 3 no.6 51-55 '60.

Laboratory determination of the resistance of rocks to the action of waves. O.G.Grigor'eva. Trudy GGI no.74: 71-88 '60.

ROCKS—THERMAL PROPERTIES see subdivision under Terek-Kuma Plain; West Siberian Plain

ROCKS, IGNEOUS—MAGNETIC PROPERTIES see subdivision under Maymecha Valley

ROCKS, SEDIMENTARY

Chlorites in sedimentary rocks. D.P.Serdiuchenko. Biul.MOIP.Otd.geol. 35 no.1:122-123 Ja-F '60.

Lvov. Universytet. [Mineralogy of sedimentary formations] Voprosy mineralogii osadochnykh obrazovanii. Otvet. red. E.K.Lazarenko. [L'vov]
Books 3 and 4. 1956. 673 p.

RODENT BAITS AND REPELLANTS

Extermination of Brandt's field vole with poisoned grain. A.N.Leont'ev, S.A.Khamaganov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 19:152-156 '58.

Improved method for catching rats in creels. N.V. Nekipelov. Izv.Irk.gos.nauch.-issl protivochum.inst. 16:247-248 '57.

Poisoned bait in the control of the Mongolian gerbil in southeastern Transbaikalia. Izv.Irk.gos.nauch.-issl. protivochum.inst. 16:232-238 '57.

Selective attitude of mouselike rodents of the Far East toward various baits. N.N.Nechaeva. Izv.Irk.gos. nauch.-issl.protivochum.inst. 19:117-122 '58.

Still more on the selective attitude of gray rats toward various types of poisoned baits and on the comparative effectiveness of some trapping devices. N.I.Firstov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 19:161-163 '58.

RODENT CONTROL

(see also subdivision under Transbaikalia)

Apparatus for measured dosing of methyl bromide and its introduction into burrows in the poisoning of rodents. IU.I.Mirotvortsev. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:244-246 '57.

Carbon monoxide in controlling house rodents. N. V. Nekipelov, N. I. Litvatov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:249 '57.

Control of the Daurian pika and its ectoparasites by saturating its burrow with calcium arsenite. V. I. Rodd, I. A. Cherkasnikov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:210-214 '57.

Rate of resettlement of rodents in buildings following selective deratization. N. S. Beliaeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:221-227 '57.

Some methods of treating rodent burrows with poison. N. V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:231-243 '57.

Use of cylinders with carbon monoxide for exterminating household rodents. N. V. Nekipelov, N. I. Litvatov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:157-168 '58.

RODENTIA

(see also subdivision under: Argun River, Transbaikalia, Gobi, Gorno Altai Autonomous Province, Maritime Territory, Mongolian Altai, Muya Valley, Nan Shan, Pavlodar Province, Transbaikalia)

Quantitative count of some species of steppe rodents. I. P. Brom. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:4-37 '58.

Quantity of carbon dioxide gas and oxygen in the winter burrows of rodents. N. V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:119-130 '58.

RODENTIA—DISEASES AND PESTS

(see also subdivision under: China, Northeast, Transbaikalia, Tunghua)

Susceptibility of Siberian marmots and long-tailed susliks to experimentally induced plague. I. I. Elkin and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 11:3-18 '54.

RODENTIA—EXTERMINATION see subdivision under Transbaikalia

RODENTIA—PARASITES see Parasites—Rodentia

RODENTS—PARASITES see Parasites—Rodents

RODENTS AS CARRIERS OF DISEASE

Case of isolation of B. paratyphi from the Siberian marmot. I. A. Timofeeva, R. R. Zhivoltapina. Izv. Irk. gos. nauch.-issl. protivochum. inst. 11:26-37 '54.

Case of isolation of Listerella in Voroshilov. L. N. Khvashchenko, N. V. Sintsova, Z. F. Padalko. Izv. Irk. gos. nauch.-issl. protivochum. inst. 11:28-31 '54.

Isolation of Listerella monocytogenes cultures from guinea pigs in a breeding center. V. IA. Golovacheva, I. A. Timofeeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:11-15 '57.

Role of rodents and insectivorous mammals in the maintenance of natural foci of trichinosis [with summary in English]. IU. A. Berezantsev. Zool. zhur. 39 no.6:832-837 Je '60.

Study of pasteurellosis epizootic among marmots in eastern Mongolia. From "Materialy po gryzunam," Number 4, 1951. V. V. Kucheruk, V. A. Rudin, T. K. Dunaeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:253-261 '57.

ROLLAND, ROMAIN, 1866-1944

Portrait of the artist in Romain Rolland's "Jean Christophe." F. Vasilova. Uch. zap. Kaf. zarub. lit. MGPI no.4:95-101 '59.

Romain Rolland and Tolstoi. I. Ovchinnikova. V zashch. mira no.7:73-76 Je '60.

"To my Soviet Colas Breugnon..." O. D. Teatr 21 no.7:160 Jl '60.

ROLLER BEARINGS

Roller bearings for sound recording and reproducing systems. V. R. Epshtein. Tekh. kino i telev. 4 no.7:52-58 Jl '60.

Wear-resistant materials for the manufacture of roller bearings for the equipment of rolling mill fittings. I. P. Prikhod'ko, V. P. Fedin, IU. G. Ivanov. Metallurg 5 no.8:27-21 Ag '60.

ROLLERS (EARTHWORK)

The D-455 roller. S. A. Vargasov. Mekh. stroi. 17 no.5:22-24 My '60.

Mounted bulldozer equipment for road rollers. N. I. Borisov. Mekh. stroi. 17 no.5:24-25 My '60.

New rollers on pneumatic tires. IU. M. Vasil'ev, R. K. Okhrimenko. Avt. dor. 23 no.7:10-11 Jl '60.

ROLLING (METALWORK)

Angle of neutral cross section in rolling with a variable roll radius. A. P. Chekmarev, A. F. Smoliianinov. Izv. vys. ucheb. zav.; chern. met. no.6:77-87 '60.

Calculating the horizontal projection of the contact area in oval groove rolling. S. O. Nekrasov. Izv. vys. ucheb. zav.; chern. met. no.6:88-94 '60.

Dependence of pipe discards because of laps on the chemical composition of the steel [with summary in English]. N. K. Solomakha. Stal' 20 no.8:729-730 Ag '60.

Dependence of the friction coefficient in cold rolling on the roughness of the rolls. I. M. Pavlov, P. I. Davidkov. Sbor. Inst. stali no.39:113-118 '60.

21st Congress of the Communist Party of the Soviet Union. V. Andreev. Metallurg 5 no.8:1-3 Ag '60.

Galai, IA. S., comp. [Materials on the theory of rolling] Materialy po teorii prokatki. Pod red. I. M. Pavlova. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii.
Pt.6. 1960. 196 p.

Investigating metal deformation in obliquely placed plate grooves. P. I. Polukhin, G. S. Popov. Sbor. Inst. stali no.39:100-111 '60.

Investigating nonuniformity of deformation during rolling. P. I. Polukhin, B. V. Egorov. Sbor. Inst. stali no.39:101-112 '60.

Investigating the continuous rolling process of angle steel. P. I. Polukhin and others. Sbor. Inst. stali no.39:137-152 '60.

Investigating the heating and rolling of electrical steel slabs. I. A. Kocheriuk, V. N. Lola, N. V. Pal'chik. Stal' 20 no.8:710-719 Ag '60.

Mastering by metallurgical plants of the technology of shape rolling of titanium alloy rods. I. N. Morozov and others. TSvet. met. 33 no.5:57-61 My '60.

Metal-rolling. I. Svirin. Tekh. mol. 28 no.6:10 '60.

Preventing flake formation in rolled steel. A. A. Rastorguev, D. A. Litvinenko. Trudy NTO chern. met. 15:58-66 '59.

Rolling of grooved spring steel. I. V. Andreiuk, IA. B. Lisman. Metallurg 5 no.8:20-21 Ag '60.

Rolling 750-kgr. ingots of high speed P18 steel. N. D. Aleev. Stal' 20 no.8:731-733 Ag '60.

Rolling titanium powder into a thin strip using the method of the Gorky Polytechnical Institute. G. I. Aksenov and others. Titan i ego splavy no.4:157-158 '60.

Slipping during rolling. S. N. Potomkaev. Sbor. Inst. stali no.39:173-184 '60.

Strength of cold joints in carbon and alloyed steels during simultaneous hot rolling. I. I. Astrov. Svar. proizv. no.4:1-6 Ap '60.

Technological process and equipment for tube production. V. A. Zurak. TSvet. met. 33 no.7:81-84 Jl '60.

ROLLING (METALWORK)—COSTS

Method of calculating the cost of pipes. N. I. Leibovich. Izv. vys. ucheb. zav.; chern. met. no.6:176-182 '60.

ROLLING (METALWORK)—EQUIPMENT AND SUPPLIES

Device for marking the butt end of blooms. Stal' 20 no.8:730 Ag '60.

ROLLING (METALWORK)—QUALITY CONTROL

Investigating the nonuniformity of wall thickness in the automatic method of tube production. IA. L. Vatkin, I. D. Kroshchil', S. V. Rozhnov. Trudy NTO chern. met. 15:67-82 '59.

ROLLING MILLS

Improving rectangular grooves on continuous billet mills. I. P. Shulaev. Metallurg 5 no.7:26-28 Jl '60.

Investigating conditions of rolling plain and shaped sections on a medium-shape rolling mill. N. I. Skorokhodov and others. Trudy NTO chern. met. 15:44-56 '59.

New blooming mill. N. I. Krylov. Nauka i zhizn' 27 no.7:65 Jl '60.

Selecting an efficient type of sheet rolling mill [with summary in English]. B. S. Shapiro. Stal' 20 no.8:722-726 Ag '60.

Sulfidizing rubbing surfaces of rolling mill parts. V. IA. Gnedich. Sbor. Inst. stali no.39:119-125 '60.

The TsBMM-71 automatic line for rolling hollow billets for bicycle hub bodies. I. V. Sokolova. Biul. tekh.-ekon. inform. no.7:8-10 '60.

Volobuev, V. I., and I. N. Filippov. [Advanced experience in operating section mills] Peredovoi opyt raboty na sortoprokatnykh stanakh. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 142 p. (Peredovye metody truda)

Vydrin, V. N. [Dynamics of rolling mills] Dinamika prokatnykh stanov. Sverdlovsk, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe otd-nie, 1960. 255 p.

Wear-resistant materials for the manufacture of roller bearings for the equipment of rolling mill fittings. I. P. Prikhod'ko, V. P. Fedin, IU. G. Ivanov. Metallurg 5 no.8:27-21 Ag '60.

ROLLING MILLS—ELECTRIC DRIVING

Method for cutting off the forcing of a transient. M. N. Lesenko. Elektrichestvo no.6:58-61 Je '60.

Solodukho, IA. IU. [Automatic control of electric drives of continuous hot rolling mills] Avtomatika elektroprivodov nepreryvnykh stanov goriachei prokatki. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 110 p.

ROLLING MILLS—EQUIPMENT AND SUPPLIES

Investigating a straightening machine of a rail rolling mill. I. D. Sokolov, N. A. Chelyshev. Izv. vys. ucheb. zav.; chern. met. no.6:196-198 '60.

New manipulator mechanism. P. D. Nepochil, S. A. Vol'skii. Metallurg 5 no.8:23-24 Ag '60.

Rudi, N. I. [Wear of roll [illegible] rolling mills] Puti [illegible] Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. [illegible] p.

ROLLING MILLS—SAFETY MEASURES

Some [illegible] [illegible] rolling mill [illegible] Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. [illegible] p.

ROLLS (IRON MILLS)

Calculating the radial pressure [illegible] for the cold rolling of tubes. IU. I. [illegible]

Effect of the finishing roll surface on the profile of sheet iron [illegible]

[illegible] Metallurg [illegible]

ROLLS (IRON MILLS)—MAINTENANCE AND REPAIR

Automatic [illegible]

ROMAN LAW

Novitskii, I. B. [illegible] 1960. [illegible] p.

ROMANOVA, IADVIGA

[illegible]

[illegible]

[illegible]

ROME—OLYMPIC GAMES

[illegible]

[illegible]

ROOFING

[illegible]

[illegible]

ROOFING, CONCRETE

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Using precast [illegible] and roofs. P. P. [illegible] 274 Je '60.

ROOFING, METAL

Making [illegible]

ROOFS

(see also subdivision under [illegible] Western)

Lightweight [illegible]

Using water [illegible]

ROOFS, SHELL

(see also subdivision under [illegible] Kazakhstan [illegible])

Assembling [illegible]

ROOK (BIRD)

[illegible]

ROOT CROPS

Grafting [illegible]

Stimulation of [illegible]

ROOTS (BOTANY)

"Changes in the root relationships of pine stands on peat soils during the course of the year" [in German] by I. Heikurainen. Reviewed by L. S. Kozlovskaia. Bot. zhur. 45 no.7:1080-1081 Jl '60.

Growth and age changes in roottips of the spruce Picea excelsa Link. A. IA. Orlov. Bot. zhur. 45 no.6:888-894 Je '60.

Mechanical properties of root systems of cereal plants on peat soil as related to lodging of plants. V. M. Terent'ev, A. N. Loiko. Biul. Inst. biol. AN BSSR no.3: [illegible] 156 '58.

Metabolic role of the main root in red clover (Trifolium pratense L.) [with summary in English]. A. M. Alekseev, I. M. Vasil'eva, A. V. Startseva. Bot. zhur. 45 no.6: 785-794 Je '60.

Nature of the development of the root system of barley on peat soils. A. N. Loiko. Biul. Inst. biol. AN BSSR no.3:146-150 '58.

Role of the roots of herbaceous vegetation in the nitrogen and mineral cycle. I. N. Bykova, N. G. Zyrin. Vest. Mosk. un. Ser. 6, Biol., pochv. 15 no.3:67-75 My-Je '60.

Seasonal rhythm in the growth of active roots of woody plants at different soil depths. I. N. Rakhteenko, L. A. Krot. Biul. Inst. biol. AN BSSR no.3:157-160 '58.

Variations in the composition of free amino acids in the roots and bleeding sap of buckwheat during different phases of development. L. S. Avundzhian. Izv. AN Arm. SSR. Biol. nauki 13 no. [illegible] '60.

ROOTS (BOTANY)—ANATOMY

Age changes in the anatomical structure of taproots in some species of Leguminosae. I. S. Mikhailovskaia. Bot. zhur. 45 no.6:875-880 Je '60.

ROPE

Equation for the motion of a naturally twisted thread of varying length [with summary in English]. H. M. Savin, O. O. Horoshko. Dop. AN URSR no.6:776-779 '60.

Simplified method for making rope yarn. B. I. Valov, S. V. Sobolev. Tekst. prom. 20 no.6:26-27 Je '60.

ROSES

(see also subdivision under Caucasus; Gissar Range; Razvalka, Mount)

Compound use of the fruit of the dog rose. A. D. Lebedev and others. Trudy VNIVI 6:115-118 '60.

ROSHCHINO REGION (LENINGRAD PROVINCE)—LARCH

Yields and quality of larch seeds in the Lindulovo Grove. O. M. Kolpikov. Bot. zhur. 45 no.5:730-732 My '60.

ROSTOV—BUILDING TRADES—STUDY AND TEACHING

Sound fund of knowledge for construction workers. N. Gekker. Prof.-tekh. obr. 17 no.6:9 Je '60.

ROSTOV—NAUTICAL TRAINING SCHOOLS

Education of sailors. K. I. Vlasik. Sred. spets. obr. 7 no.6:17 Je '60.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY

The call of life; a sketch. M. Mukhtasipov. Agitator no.14:52-54 Jl '60.

Mechanization of assembly and welding operations at the Rostov-on-Don Agricultural Machinery Plant. G. P. Solodenko and others. Svar. proizv. no.6:32-34 Je '60.

ROSTOV-ON-DON—APARTMENT HOUSES

Klepikov, V. F. [Apartment house built in 30 days using combined production-line methods] Potochno-sovmeshchennym metodom za 30 dnei. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1959. 65 p.

ROSTOV-ON-DON—HARBORS

Workers of the Rostov harbor making efforts to carry out the seven-year plan. A. Filippenko. Rech. transp. 19 no.5:9-10 My '60.

ROSTOV-ON-DON—PARACHUTING

Veterans remain in the ranks. M. L'vov. Kryl. rod. 11 no.7:14 Jl '60.

ROSTOV-ON-DON—SOCIAL CONDITIONS

Good people. Vitalii Gubarev. Ogonek 38 no.23:20-21 Je '60.

ROSTOV-ON-DON—TECHNICAL LIBRARIES

Library as an aid to teachers; practices of the K. Marx State Library in Rostov. E. A. Kessenikh. Bibliot. SSSR no.13:106-115 '60.

Supplying engineers, technicians, and workers with technical books; practices of specialists in the K. Marx State Library at Rostov. A. I. Karpenko. Bibliot. SSSR no.13:150-160 '60.

ROSTOV PROVINCE—AGGREGATES (BUILDING MATERIALS)

Technical and economic advantages of using local shell rock as aggregate. R. Mullian, D. Pateev. Ekon. stroi. no.6:67-68 Je '60.

ROSTOV PROVINCE—ANTIQUITIES

The mystery of an ancient burial mound. Andrei Novikov. Ogonek 38 no.23:8 Je '60.

ROSTOV PROVINCE—BUILDING MATERIALS INDUSTRY—HYGIENIC ASPECTS

A [illegible] goes on.... N. Masliukov. Okhr. truda i sots. strakh. 3 no.6:21-23 Je '60.

ROSTOV PROVINCE—RETAIL TRADE

Mobile stores. A. TSetlin. Sov. potreb. koop. 4 no.6:18-21 Je '60.

Specialization of a commercial network. Kh. Kazachkova. Sov. potreb. koop. 4 no.6:11 Je '60.

ROTATING AMPLIFIERS

Joint operation of a turbine and a motor-generator set in gas turbine systems with free-piston gas generators. S. I. Pogodin. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no.3:111-123 My-Je '60.

ROTATING DISKS

Dorfman, L. A. [Hydrodynamic resistance and heat emission of rotating solids] Gidrodinamicheskoe soprotivlenie i teplootdacha vrashchaiushchikhsia tel. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 260 p.

ROTORS

Dynamic balancing of rotors by the method of swinging. V. M. Kashcheev. Sbor. nauch. trud. LISI no.30:186-201 '60.

ROTTERDAM—BUILDING—CONGRESSES

First Congress of the International Council of Building. M. Medvedev. Zhil. stroi. no.7:26-28 Jl '60.

ROUTE SURVEYING

Conference on engineering geology. Transp. stroi. 10 no.7:60-61 Jl '60.

ROVNO—WHARVES

Reconstruction of the quay in Rovno. V. Kniazhev. Stroi. i arkhit. 8 no.5:8 My '60.

ROVNO PROVINCE—WORLD WAR, 1939-1945—ATROCITIES

Story of a bloody tragedy ("When our blood runs cold" by IU. Melnychuk. Reviewed by Petro Moshnienko). Ukraina no.15:25 Ag '60.

ROZANOV, IVAN NIKANOROVICH, 1874-1959

Ivan Nikanorovich Rozanov; obituary. N. Gudzii. Vest. Mosk. un. Ser. 7 Filol., zhur. no.1:69-71 '60.

ROZANOV, MIKHAIL VASIL'EVICH

Member of the Order of Lenin. M. Mikhailov. Zvezda no.5:146-151 My '60.

ROZDOL REGION—HAUERITE

Find of hauerite in the Rozdol native sulfur deposit [with summary in English, p.314]. V. I. Srebrodol'skii, L. D. Arkhipova, O. V. Kuznetsov. Probl. geokhim. no.1: 296-300 '60.

ROZHDESTVENSKII, VSEVOLOD ALEKSANDROVICH, 1895-

The career of a poet. I. Vasil'eva. Zvezda no.6:204-207 Je '60.

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

N. A. Rubakin. S. Koms'kyi. Sots. kul't. 13 no.6:38-39 Je '60.

RUBBER

(see also subdivision under Kiev)

Input effects during the flow of nonvulcanized rubbers [with summary in English]. R. V. Torner. Inzh.-fiz. zhur. no.6:33-39 Je '60.

Plasticization of natural rubber by means of o-benzamidothiophenol, its zinc salt, and o,o-dibenzamidodiphenyldisulfide. G. E. Bets and others. Kauch. i rez. 19 no.5:24-27 My '60.

Reaction between natural rubber and maleic anhydride. I. A. Tutorskii, L. S. Krokhina, B. A. Dogadkin. Kauch. i rez. 19 no.5:3-6 My '60.

RUBBER—TESTING

Aging of rubbers in an oxygen-free medium. E. A. Antonova, M. V. Timofeeva. Kauch. i rez. 19 no.5:12-16 My '60.

Evaluating the frost-resisting properties of rubber. E. K. Dobrer. Kauch. i rez. 19 no.5:51-53 My '60.

Evaluating the processing qualities of carbon-black rubber mixtures by means of a shear plastometer. P. N. Orlovskii and others. Kauch. i rez. 19 no.7:21-26 Jl '60.

Friction between rubber and solid materials. Kauch. i rez. 19 no.5:34-37 My '60.

Instrument and method for the determination of high-elastic properties of rubber at low temperatures. G. M. Bartenev, N. M. Novikova. Kauch. i rez. 19 no.7:28-33 Jl '60.

New active white filler from by-products of superphosphate manufacture. B. N. Dinzburg, R. A. Safral. Khim. prom. no.1:76-77 Ja-F '60.

Shortening the time of test periods in the high-temperature aging of rubbers. G. S. Klitenik, D. Z. Krushchanskaia. Kauch. i rez. 19 no.7:45-48 Jl '60.

RUBBER—TESTING—CONGRESSES

All-Union Conference on the Construction of Machines and Devices for the Physicomechanical Testing of Crude and Vulcanized Rubber. M. M. Reznikovskii. Kauch. i rez. 19 no.5:55-56 My '60.

RUBBER, SYNTHETIC

(see also subdivision under Czechoslovakia; Omsk)

Effect of impurities in chloroprene on the stability of nairit rubber. A. L. Klebanskii and others. Kauch. i rez. 19 no.7:1-3 Jl '60.

Irreversible flow of rubberlike polymers. G. M. Bartenev. Dokl. AN SSSR 133 no.1:88-91 Jl '60.

Preparation of a butadiene-styrene rubber emulsion in systems containing a modified wood resin soap. V. P. Shatalov and others. Kauch. i rez. 19 no.7:6-9 Jl '60.

Reaction of structure formation of polydimethylsiloxanes during the cold vulcanization of polysiloxane rubbers. Z. N. Nudel'man, A. S. Novikov. Kauch. i rez. 19 no.5:17-20 My '60.

Relation between the filling of a rubber mixture, based on butadiene-styrene rubber, and its viscoplastic characteristics. M. D. Nusinov and others. Kauch. i rez. 19 no.5:21-23 My '60.

Study of the chemical structure of butadiene rubbers subjected to the action of gamma rays. A. I. IAkubchik, V. A. Filatova. Zhur. prikl. khim. 33 no.5:1177-1182 My '60.

Study of the chemical structure of the rubbers SKN-26 and SKN-40 by means of ozonolysis. A. I. IAkubchik, A. I. Spasskova. Zhur. ob. khim. 30 no.7:2172-2176 Jl '60.

Synthesis and properties of vinylsiloxane rubber. I. K. Stavitskii, V. M. Svetozarova. Kauch. i rez. 19 no.5: 8-11 My '60.

RUBBER GOODS

Technological calculation of shock-absorbing cables. V. A. Lepetov. Kauch. i rez. 19 no.5:37-40 My '60.

RUBBER INDUSTRY

(see also subdivision under Germany, West)

Conference on the coordination of scientific research work, and experimental design and construction work in rubber industry. S. M. Shchuka. Kauch. i rez. 19 no.7:51-52 Jl '60.

Dem'ianenko, V. N. [The imperialistic struggle for rubber] Imperialisticheskaia bor'ba za kauchuk. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 101 p.

In the D. I. Mendeleev All-Union Chemical Society. Kauch. i rez. 19 no.7:50 Jl '60.

RUBBER INDUSTRY—BY-PRODUCTS

Vsesoiuznyi nauchno-issledovatel'skii institut sinteticheskogo kauchuka im. S. V. Lebedeva. [Methods for the analysis of products obtained in the manufacture of synthetic rubber] Metody analiza produktov proizvodstva sinteticheskogo kauchuka. Leningrad, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 121 p.

RUBBER TIRES see Tires, Rubber

RUBBERIZED FABRICS see subdivision under Sverdlovsk

RUBIDIUM-ANTIMONY ALLOYS

X-ray investigation of the compounds Rb_3Bi and Rb_3Sb. N. N. Zhuravlev, V. A. Smirnov, T. A. Mingazin. Kristallografiia 5 no.1:134-137 Ja-F '60.

RUBIDIUM-BISMUTH ALLOYS

X-ray investigation of the compounds Rb_3Bi and Rb_3Sb. N. N. Zhuravlev, V. A. Smirnov, T. A. Mingazin. Kristallografiia 5 no.1:134-137 '60.

RUBIDIUM CHLORIDE

Fusibility diagrams in systems formed by rubidium and cesium chlorides with calcium chloride. I. V. Shakhno, V. E. Plushchev. Zhur. neorg. khim. 5 no.5:1172-1173 My '60.

RUBIDIUM SALTS

Preparation of spectrally pure salts of cesium and ru um. I. I. Angelov and others. Trudy IREA no.23:4 '59.

RUBIES

Ruby amplifier of radio signals. V. Braginskii, D. Bukhovtsev. IUn. tekh. 4 no.5:46-48 My '60.

RUBINSTEIN, NIKOLAI GRIGOR'EVICH, 1835-1881

The builder of musical Moscow. L. Korabel'nikova. Sov. muz. 24 no.6:80-87 Je '60.

RUBLEV, ANDREI, ca.1360-1430

Andrei Rublev; 600th anniversary of his birth. N. Iv Zhur. Mosk. Patr. no.6:40-53 Je '60.

RUBTSOVSK—SECTS

The mask is torn off. A. Shamaro. Smena 37 no.1 28-29 My '60.

RUDNITSKII, ALEKSANDR ALEKSEEVICH, 1902-1960

Aleksandr Alekseevich Rudnitskii; obituary. Zhur. neorg. khim. 5 no.7:1393-1397 Jl '60.

RUDNYY—IRON MINES AND MINING—SAFETY MEASURES
Rivers of words and trickles of action. V. Sablin. Okhr. truda i sots. strakh. 3 no.6:35-37 Je '60.

RUMANIA—ARCHAEOLOGY
From the depths of ancient times. G. Fedorov. Znan. sila 35 no.7:8-9 Jl '60.

RUMANIA—BIBLIOGRAPHY
Rumanian People's Republic. Kal. znam. i pam. dat 5 no.8:41-44 Ag '60.

RUMANIA—CAVES
The treasures of caves. K. Motas. Nauka i zhyttia 10 no.5:53-54 My '60.

RUMANIA—COMMUNIST PARTY
Unshakable devotion to Marxism-Leninism. E. Karposhchenko, N. Rogov. Part. zhizn' no.14:63-69 Jl '60.

RUMANIA—DESCRIPTION AND TRAVEL
People's Rumania under the lens. Ogonek 38 no.25: 4-5 Je '60.

RUMANIA—ECONOMIC CONDITIONS
Thoughts about our future. Todor Olaru. Nov. vrem. 18 no.29:10-12 Jl '60.

RUMANIA—ELECTRIC POWER PRODUCTION
Development of electric power engineering in Rumania. M. IU. Kagan. Biul. tekh.-ekon. inform. no.1:77-79 '60.

RUMANIA—FUNGI, PHYTOPATHOGENIC
New fungus species in the Rumanian People's Republic. Alexandr Negru. Izv. AN Arm. SSR. Biol. nauki 13 no.3:85-90 '60.

RUMANIA—HISTORY
Pro-Turkish policy of Polish magnates during the struggle of the Rumanian and Moldavian peoples against Turkish rule at the end of the 16th century. N. S. Rashba. Uch. zap. Khar. derzh. bibliot. inst. no.5:161-180 '59.

RUMANIA—HYDROELECTRIC POWER STATIONS
Lights on the Bystritsa. Ch. Mateescu. Nauka i zhyttia 10 no.5:49-52 My '60.

RUMANIA—LOCOMOTIVES—TESTING
Test rack for optical measurements of the locomotive truck. Ovidu Batashan. Zhel. dor. transp. 42 no.6: 90-92 Je '60.

RUMANIA—OIL FIELDS—PRODUCTION METHODS
Development of petroleum production techniques in the Rumanian People's Republic. Gr. Ioachim. Neft. khoz. 38 no.3:31-39 Mr '60.

RUMANIA—OIL WELLS—HYDRAULIC FRACTURING
Current problems relative to hydraulic fracturing in the Rumanian People's Republic. M. Mocan. Neft. khoz. 38 no.6:17-19 Je '60.

RUMANIA—PENSIONS
Pensions are improving with the growth of the national economy. D. Mergeritescu. Sots. obesp. 21 no.6:60-61 Je '60.

RUMANIA—POLITICS AND GOVERNMENT
Unshakable devotion to Marxism-Leninism. E. Karposhchenko, N. Rogov. Part. zhizn' no.14:63-69 Jl '60.

RUMANIA—THEATER
Costly searching and a victory. IU. Z. Teatr 21 no.8: 187-188 Ag '60.

RUMANIA—ZOOGEOGRAPHY
Division of the Rumanian People's Republic into zoogeographical regions. M. Ionescu. Vop. geog. no.48: 121-134 '60.

RUMANIAN LITERATURE—HISTORY AND CRITICISM
Survey of the foreign press. Inostr. lit. no.8:210-219 Ag '60.

RUMINANTIA
Activity of respiratory enzymes and productivity of protein synthesis in certain amino autotrophic bacteria [with summary in English]. M. V. Fedorov, N. M. Mashennikova. Mikrobiologiia 29 no.3:305-310 My-Je '60.

RUNNING
Kuts weighs his chances. V. Viktorov. Ogonek 38 no.25:29 Je '60.

RUNOFF
(see also subdivision under Chong-Kyzylsu Valley, Terskey Ala-Tau, Maritime Territory, Uzboy)
Distribution of snow in drainage basins of the southern part of the trans-Volga region and the spring surface runoff. N. V. Razumikhin. Uch. zap. LGU no.292:81-105 '60.
Geographic zones and class of surface runoff criterion. A. A. Troitskii. Trudy SIMSKH no.14:42-61 '59.
Runoff in the forest zone of the European part of the U.S.S.R.; qualitative analysis of runoff formation based on the data of overland flow and spring runoff in small drainage basins. D. D. Kvanov. Uch. zap. LGU no.292:3-80 '60.
Some errors in the literature on hydrological prognosis. P. M. Mashukov. Izv. AN Uz. SSR. Ser. tekh. nauk. no.3:71-77 '60.
Surface runoff and erosion. A. A. Troitskii. Trudy SIMSKH no.11:27 '50.

RUPTURE see Hernia

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION
Designing of efficient power lines with 6 to 10 kilovolt rating for the electrification of villages. A. P. Korabanov, V. M. Soloduev. Elek. sta. 31 no.4:71-78 Ap '60.

RURAL LIBRARIES see Libraries, Rural

RURAL WATER SUPPLY see Water supply, Rural

RUSAK, ADAM, 1904
Let our song resound ("With you alone", verse by Adam Rusak. Reviewed by I. Kapustin). Belarus' 15 no.4:10 Ap '60.

RUSSIA
For the Soviet people's happiness. Kul'. i zhizn' 4 no.6:4 Je '60.

RUSSIA—AIR FORCE
Continuous attention to the study of military history. S. I. Mironov. Vest. Vozd. Fl. no.2:12-17 F '60.
Daring and risk. V. A. Kuznetsov. Vest. Vozd. Fl. no.7: 19-25 Jl '60.
Organizational role of Communists should be in accordance with the needs of the party. V. A. Lipatov. Vest. Vozd. Fl. no.2:6-11 F '60.
Our Air Force. I. Belov. Agitator no.13:21-23 Jl '60.
We must be vigilant every hour of every day. Vest. Vozd. Fl. no.6:3-8 Je '60.
When one loves his flying profession ("Comrade flier" by V. A. Timofeev. Reviewed by M. I. Golyshev). Vest. Vozd. Fl. no.7:86-88 Jl '60.

RUSSIA—ARMED FORCES
The Communist Party is the organizer of the military defenses of the Soviet State. A. Pozdnyakov. Voen. znan. 36 no.7:16-17 Jl '60.
Important mission of the Soviet soldier. Vest. Vozd. Fl. no.2:3-7 F '60.
Kalachnikov, A. [The most important thing in life is serving your country honorably] Glavnoe v zhizni chestno sluzhit' otchizne. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 52 p. (V pomoshch' propagandistu i agitatoru)
Social significance of the new reorganization of the Soviet Armed Forces. N. IA. Galai. Mat. i nauch. Mat. po ist. KPSS no.11:1-24 Ap '60.

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY
All-army conference of the secretaries of primary party organizations. Prop. i agit. 41 no.8:1-6 Ap '60.
Comments of the creators of progressive practice ("Party organizations of detachments and ships." Reviewed by A. Mal'kov). Prop. i agit. 41 no.8:58-61 Ap '60.
Engineers and technicians as active educators of soldiers. N. Levchenko. Prop. i agit. 41 no.8:39-40 Ap '60.
Features of the new. S. Zarechin. Prop. i agit. 41 no.9:39-43 My '60.
Forming high moral, political and fighting qualities in Soviet soldiers. I. Kalladin. Prop. i agit. 41 no.9: 33-37 My '60.
The place of a Communist is in the front ranks. V. Kozynko. Prop. i agit. 41 no.8:34-35 Ap '60.
Reach the mind and heart of every soldier. Prop. i agit. 41 no.9:44-47 My '60.
Triumph of the Soviet Armed Forces in the Great Patriotic War; advice on methods. IU. Korablev. Prop. i agit. 41 no.8:49-57 Ap '60.

RUSSIA—ARMED FORCES—SPORTS
The Spartakiads [illegible]

RUSSIA—AIR FORCE—BIBLIOGRAPHY
Literature for fliers. Vest. Vozd. Fl. no.6:85-86 Je '60.
Soviet Air Force Day. Kal. znam. i pam. dat 5 no.8: 32-36 Ag '60.

RUSSIA—ARMY
Agapov, P., and A. [illegible] [illegible] 1960. 59 p.
Effort in battle. [illegible]

RUSSIA—ARMY—ARTILLERY
Tolochkov, A. A. [illegible] 1960, 344 p.

RUSSIA—ARMY—EDUCATION, NONMILITARY
Actions and the [illegible] P. Boktanik. Prop. i agit. 41 no.8:41 Ap '60.
Devotion to ideology is the basis of party life. [illegible] Prop. i agit. 41 no.8 [illegible] Ap '60.
Events of [illegible] '60.
An important [illegible]
The leading [illegible]
Party organization [illegible] Prop. i agit. 41 no.8:32-35 Ap '60.
Persuasion is the basic method [illegible] Prop. i agit. 41 [illegible] Ap '60.

RUSSIA—ARMY—[illegible]
[illegible]
(Bibliography [illegible])

RUSSIA—ARMY—OFFICERS
[illegible]

RUSSIA—ARMY—[illegible]
[illegible]

RUSSIA—[illegible]
[illegible]

RUSSIA—[illegible]
[illegible]

RUSSIA—COMMERCE
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Only one day [illegible]
[illegible] Moskva, Gospolitizdat, 1959. 100 p. ([illegible])

RUSSIA—COMMERCE—AUSTRALIA
Australia at late [illegible]

RUSSIA—COMMERCE—BRAZIL
Trade relations between the U.S.S.R. and Brazil develop successfully [with English summary] [illegible] Vnesh. torg. [illegible] '60.

RUSSIA—COMMERCE—CUBA
Economic relations [illegible] Vnesh. torg. 30 no.7:9-11 '60.

England] Vospominaniia sovetskogo posla v Anglii. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 142 p.

RUSSIA—COMMERCE—UNITED STATES

Soviet-American trade relations from 1923 through 1933. L Rabinovich. Nauch. dokl. vys. shkoly, ekon. nauki no. 2: 94-107 '60.

What impedes the development of Soviet-American trade. G Seleznev. Otv. na vop. trud. no. 113:37-44 '60.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTIONAL HISTORY

Attitude of social classes and political parties toward the "Bulygin Duma" I S Halil. Uch zap Khar. derzh. bibliot. inst. no. 4:29-64 '59.

RUSSIA—CULTURE

Cultural and educational institutions during the first years of the Great Patriotic War, 1941-1943. L. V. Maksakova. Ist. SSSR 4 no. 3:88-100 My-Je '60.

Patriotic initiative of the intelligentsia. S. Budanov. Komsom. zhizn' no. 11:7-8 Je '60.

RUSSIA—DESCRIPTION AND TRAVEL

Hurry to see the earth! Vladimir Soloukhin. Ogonek 38 no. 31:21 Jl '60.

RUSSIA—DISCOVERY AND EXPLORATION

Grekov, V. I. [Outline history of Russian geographical explorations from 1725 to 1765] Ocherki iz istorii russkikh geograficheskikh issledovanii v 1725-1765 gg. Moskva, Izd-vo Akad. nauk SSSR, 1960. 425 p.

RUSSIA—ECONOMIC CONDITIONS

Against falsification of the history of the Soviet economy. IU. Vorob'ev, E. Gorbunov. Vop. ekon. no. 8:153-159 Ag '60.

The building of communism and some problems in the policy of the party. A. Vishniakov. Polit. samoobr. 4 no. 7:9-22 Jl '60.

The center of attention of the whole world; foreign comments on the session of the Supreme Soviet of the U. S. S. R. Blok agit. [Ukr.] no 14 59-61 My '60.

Communism triumphs. G. Kozlov. Prop. i agit. 41 no. 9: 25-31 My '60.

Concern for the happiness of our people. Sots. kul't. 13 no. 6:1-2 Je '60.

Concern for the people's welfare is the supreme law of a socialist state Shvein. prom no. 3 1-2 My-Je '60

"Covert capitalism" in the U S. S R., some signs of capitalist trends in the U. S. S. R. G. F. Akhminov Mat. i soob Inst. dl. inst po ivuch. SSSR no. 12/13 1-18 F-Mr '60

Do you know? Kul't. i zhizn' 4 no 6:22 '60.

Following Lenin's road. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2:3-6 '60.

Following Lenin's road toward the victory of communism. Sil' bud 10 no 4 1-2 Ap '60

For our people; facts and figures. Agitator no. 10:14-17 My '60.

For the good of the Soviet people. Sov potreb. koop 4 no 6:1-3 Je '60.

For the welfare of the people. Voen.-med. zhur. no. 6: 3-6 Je '60.

The Great October Revolution and the pygmies of capitalism. G. M. Gendel'. Uch. zap. GOU no. 51: 117-136 '59.

Great solicitude for the welfare of the people Stroi i arkhit. Mosk. 9 no 5 1 My '60.

Impressive march of communism. V. A. Zhamin. Vest. Mosk. un. Ser. 8: Ekon. filos. 15 no. 4:3-7 Jl-Ag '60.

Ivashchenko, O. I. [For the good of the people] Dlia blaha liudyny. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1960. 64 p. (Besidy pro semyrichku)

Khromov, P. A. [Studies on the Russian national economy in the period of monopolistic capitalism] Ocherki ekonomiki Rossii perioda monopolisticheskogo kapitalizma. Moskva, Izd-vo VPSh i AON pri KPSS, 1960. 239 p.

Let us be prepared for the July Plenum of the Central Committee of the CPSU. Mashinostroitel' no. 7:1-2 Jl '60.

Our country's might is based on the creative work of the millions. Polit samoobr. 4 no. 6:3-9 Je '60.

Pomelov, I. P. [Complete and decisive victory of socialism in the U. S. S. R.] O polnoi i okonchatel'noi pobede sotsializma v SSSR. Moskva, Gos. izd-vo polit. lit-ry, 1959. 54 p. (Bibliotechka agitatora, no. 4)

Progress of communism. Sov. torg. 33 no. 6:3-4 Je '60.

The seven-year plan will be carried out ahead of time ("The U. S. S. R. in figures for 1959." Reviewed by A. Pel'shchikov). Ekon. sel'khoz 31 no 6 120-124 Je '60

So that our people may live better. Nauka i zhyttia 10 no. 6 1-3 Je '60.

Soviet historiography of Russian imperialism and the problem of dividing Soviet historical science into periods of development, 1917-1936. K. N. Tarnovskii. Ist. SSSR 4 no. 3:149-155 My-Je '60.

The struggle of the party for the reconstruction and development of the socialist economy in the postwar period; 1945-1953. V. Kapskii Prop. i agit. 41 no 9:54-62 My '60.

The time of great events and enterprises Belarus' 17 no 7 1 Jl '60

The 21st Congress of the CPSU as the embodiment of Lenin's plan of the building of communism TS. S Harbunou. Vestsi AN BSSR. Ser. hram nav. no. 2 5-12 '60.

Under the banner of the Communist Party. Prop. i agit. 41 no. 8:26-27 Ap '60.

We are going forward. V. IA. Karasev, B. E. Paton. Ogonek 38 no. 30:1 Jl '60.

We are true to the great precepts of Lenin Sem'ia i shkola 15 no 5 11 My '60

Without taxes. Kul't i zhizn' 4 no 7:3-4 '60

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Accountants' tasks in connection with the decisions of the May session of the Supreme Soviet of the U.S.S.R. Bukhg. uchet 17 no. 6:1-4 Je '60.

The Bolshevik economic program at the Sixth Party Congress. V. L. Apterman. Sbor. st. LITMO no. 40: 170-201 '58.

Decisions of the fifth session of the Supreme Soviet of the U.S.S.R. and tasks of financial organs. V. Garbuzov. Fin. SSSR 21 no. 5:3-15 My '60.

Decisions of the July Plenum of the Central Committee of the CPSU and the objectives of mensuration workers. Izm. tekh. no. 7:1-2 Jl '60.

"Dictionary of the seven-year plan." Reviewed by T. Bul'ba. Polit. samoobr. 1 no. 7:109-112 Jl '60.

[Great program of the building of communism; facts and figures] Velikaia programma kommunisticheskogo stroitel'stva; tsifry i fakty. [Tbilisi] Izd-vo TsK KP Gruzii, 1959. 155 p. (V pomoshch' propagandistam, agitatoram i lektoram)

Hurovych, M. H. [Planning the national economy of the U. S. S. R. at the present-day stage] Planuvannia narodnoho hospodarstva SRSR na suchasnomu etapi. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 253 p.

Lenin's ideas live and triumph. Put' i put. khoz. 4 no. 4: 1-3 Ap '60.

Mathematical methods in economics research and planning. IA. P. Gerchuk, E. I. Mints. Vest. AN SSSR 30 no. 7:108-111 Jl '60.

Most important events in brief. Sem'ia i shkola 15 no. 6:3 Je '60.

Pace of communism. Nauka i zhizn' 27 no. 6:1-4 Je '60.

Peace, work, happiness. Mast. ugl. 9 no. 7:1-2 Jl '60.

Strogov, I. [For you and me] Dlia nas s vami. [Leningrad] Lenizdat, 1959. 45 p.

Strumilin, S. G., ed. [Dictionary of the seven-year plan from A to Z] Slovar' semiletki ot A do IA. Moskva, Gos. izd-vo polit. lit-ry, 1960. 397 p.

10:1. V. A. Markov. Nauka i zhizn' 27 no. 6:4 Je '60.

Toward new victories of the Soviet economy. Vop. ekon. no. 8:23-31 Ag '60.

"V. I. Lenin as the head of a great construction development", a collection of memoirs on V. I. Lenin's activities in the field of economics. Reviewed by A. G Klimov. Vop. ist KPSS 4 no. 4:184-187 '60.

V. I. Lenin on the creation of the material and technical base of communism. S. Man'kov. Nauch. dokl. vys. shkoly; ekon. nauki no. 2:3-14 '60.

Zavilovich, M. A. [Planning organization of the national economy of the U.S.S.R.; textbook for the course "Planning economy of the U. S. S. R.] Organizatsiia planirovaniia narodnogo khoziaistva SSSR." [Leningrad] M-vo torgovli RSFSR. Leningr. in-t sovetskoi torgovli im. Fr. Engel'sa, 1959. 142 p.

RUSSIA—ECONOMIC POLICY—BIBLIOGRAPHY

Building of socialism in the U. S. S. R. V pom. chit. no. 16:11-16 '60.

Communism is our bright tomorrow. Chto chitat' 3 no. 7:2 Jl '60.

Competition between the two world systems. V pom. chit. no. 16:43-46 '60.

Period of the extensive construction of communism. V pom. chit. no. 16:31-33 '60.

Soviet socialist society. V pom. chit. no. 16:17-22 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS

A book on the international economic relations of the U. S. S. R. ("International foreign exchange and credit relations of the U. S. S. R." by A. M. Smirnov. Reviewed by F. Bystrov, G. Lopatin). Vop. ekon. no. 8:143-145 Ag '60.

"International foreign exchange and credit relations of the U. S. S. R." by A. M. Smirnov. Reviewed by I. Aizengerg. Den. i kred. 18 no. 8:82-88 Ag '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AUSTRIA

Meeting of N. S. Khrushchev with business representatives of Austria. Vnesh. torg. 30 no. 7 insert:1-4 '60.

relations between the Soviet Union and Cuba. Vnesh. torg. 30 no. 7,13 '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—INDONESIA

R. H. Djuanda in the Soviet Union Ogonek 38 no. 28 5 Jl '60.

RUSSIA—FOREIGN ECONOMIC RELATIONS—IRAQ

We are true to the great precepts of Lenin. Sem'ia i shkola 15 no 5 11 My '60

RUSSIA—FOREIGN ECONOMIC RELATIONS—TURKEY

Economic cooperation between the U. S. S. R. and Turkey in 1923-1925 I F Chernikov Ukr ist. zhur 4 no 4: 51-64 Jl-Ag '60.

RUSSIA—FOREIGN RELATIONS

Aggressors cannot evade responsibility. Sots. zakon. 37 no. 6:3-5 Je '60.

Answering young workers' questions. Mol. komm. no. 7 50-60 Jl '60

The building of communism and some problems in the policy of the party. A. Vishniakov. Polit. samoobr. 4 no. 7:9-22 Jl '60.

Deborin, G. A. [Soviet foreign policy and its falsifiers Sovetskaia vneshniaia politika i ee fal'sifikatory. Moskva, Izd-vo "Znanie," 1960. 39 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 7, Mezhdunarodnaia, no. 14)

Decisions of the July Plenum of the Central Committee of the CPSU are a program for efficient action. Part. zhizn' no. 14:3-7 Jl '60.

For durable peace in the name of the happiness of nations and their bright future; N. S. Khrushchev's speech at the All-Russian Congress of Teachers on July 9, 1960. Rad. shk. 39 no. 7:4-23 Jl '60.

For peace! For the happiness of children! Sem'ia i shkola 15 no. 6:1-2 Je '60.

The great responsibility of the members of parliaments. Z. A. Lebedeva. V zashch. mira no. 5,20-24 My '60.

"Herald Tribune's" torpedoes S Vishnevskii. Sov pech no 6 50-52 Je '60

The hopes of the peoples must come true, apropos of the summit conference of the leaders of the four states A. Kysil'. Blok agit [Ukr] no. 14 9-15 My '60

Khrushchev, N. S. [Speech at the Third Congress of the Rumanian Workers' Party, June 21, 1960. Speech at the meeting of Bucharest workers, June 25, 1960] Rech na III s"ezde Rumynskoi rabochei partii 21 iiunia 1960 goda. Rech' na mitinge trudiashchikhsia v Bukhareste 25 iiunia 1960 goda. Moskva, Gos. Izd-vo polit. lit-ry, 1960. 45 p.

Observer's notes. Uzbekiston 18 no. 6:2 Je '59.

Paris, Berlin, Moscow. Nikolai Drachinskii Ogonek 38 no 22:1-5 My '60

Paris, May 16-19 B Leont'ev Sov pech no. 6 47-49 Je '60

Peaceful coexistence is the objective law of the historical process. V. Mikheev. Prop. i agit. 41 no. 9:17-24 My '60.

Russia (1923- U. S. S. R.) Ministerstvo inostrannykh del. [Russian foreign policy in the 19th and early 20th century. The first series, 1801-1815] Vneshniaia politika Rossii XIX i nachala XX veka. Seriia pervaia 1801-1815 gg. Moskva, Gos. izd-vo polit. lit-ry.

Vol. 1. [Documents of the Russian Ministry of Foreign Affairs] Dokumenty rossiiskogo Ministerstva inostrannykh del. 1960. 799 p.

Spring has come to the world Siarhei Hrakhouski Belarus' 17 no. 5:1 My '60.

Subjects for lectures, reports, and talks relating to the fifth session of the Supreme Soviet of the U. S. S. R. Agitator no. 10:18 My '60.

The time of great events and enterprises. Belarus' 17 no 7:1 Jl '60.

To the pillory! Agitator no. 10:11-13 My '60.

"The U. S. S. R. and the problem of disarmament, during the period between the First and Second World War" by V. M. Khaitzman. Reviewed by L. V. Pozdeeva. Nov. i noveish. ist. no. 2:180-182 '60.

A valuable publication. Nov. i noveish. ist. no. 2:206 '60.

We are true to the great precepts of Lenin. Sem'ia i shkola 15 no. 5 11 My '60.

Two worlds and two policies. V. Zhukov. Mol. komm no. 7:12-17 Jl '60.

RUSSIA—FOREIGN RELATIONS—AFRICA

Recuperation from a headache. Vl. Ermakov. Sovr. Vost. no. 7:45 Jl '60.

RUSSIA—FOREIGN RELATIONS—ASIA, SOUTHEASTERN

Mission of peace and friendship. Sov. foto 20 no. 5:11 My '60.

RUSSIA—FOREIGN RELATIONS—AUSTRIA

Austria applauds a friend. Andrei Novikov. Ogonek 38 no 28:1-4 Jl '60.

Austria greets Khrushchev. L. Bezymenskii. Nov. vrem. 18 no. 28:4-6 Jl '60.

The Austrian visit in review. N. Bezymenskii. Nov. vrem. 18 no. 29:4-6 Jl '60.

RUSSIA—FOREIGN RELATIONS—AUSTRIA (Continued)

[The Chairman of the Council of Ministers of the U.S.S.R. N. S. Khrushchev's visit to the Austrian Republic, June 30 to July 8, 1960] Druzhestvennyi vizit, prebyvanie predsedatelia Soveta Ministrov SSSR N. S. Khrushcheva v Avstriiskoi Respublike, 30 iiunia–8 iiulia 1960 g. Moskva, Gos. izd-vo polit. lit-ry, 1960. 210 p.

A convincing example of peaceful coexistence. I. Vidiasova. Mezhdunar. zhizn' 7 no. 8:11-20 Ag '60.

Friendship met him at every step. Andrei Novikov. Ogonek 38 no. 29:1-4 Jl '60.

Important contribution to the cause of peace. M. [illegible]. Agitator no. 14:12-13 Jl '60.

We are satisfied. Nov. vrem. 18 no. 29:2-3 Jl '60.

Welcome to Austria! Oskar Wiesflecker. Ogonek 38 no. 24:8 Je '60.

RUSSIA—FOREIGN RELATIONS—CHINA

Shcheben'kov, V. G. [Russo-Chinese relations during the 17th century] Russko-kitaiskie otnosheniia v XVII v. Moskva, Izd-vo Akad. nauk SSSR, 1960. 237 p.

RUSSIA—FOREIGN RELATIONS—CZECHOSLOVAKIA

A review of Soviet-Czechoslovak relations during the period of the Great Patriotic War. Mezhdunar. zhizn' 7 no. 8:151-158 Ag '60.

Russia (1923- U.S.S.R.) Ministerstvo inostrannykh del. [Soviet-Czechoslovak relations during the Great Patriotic War, 1941-1945, documents and materials] Sovetsko-chekhoslovatskie otnosheniia vo vremia Velikoi Otechestvennoi voiny, 1941-1945 gg.; dokumenty i materialy. Red. kollegiia: IA. Vlchek i dr. Moskva, Gos. izd-vo polit. lit-ry, 1960. 290 p.

RUSSIA—FOREIGN RELATIONS—FRANCE

Amitié - friendship! André Sanz. Sov. foto 20 no. 5:6-8 My '60.

Days of great hopes, photographic report of N. S. Khrushchev's visit to France. Sov. foto 20 no. 5:1-7 My '60.

Establishment of cordial relations between France and the U.S.S.R. is a "geographic and historical necessity." V zashch. mira no. 5:8-13 My '60.

France. M. Domnich. Otv. na vop. trud. no. 12:8-10 '60.

Peace is getting closer. Il'ia Ehrenburg. Kul't. i zhizn' 4 no. 6:3-6 '60.

Unforgettable meetings. I. Vidiasova. Polit. samoobraz. 4 no. 5:9-10 My '60.

"We are glad to see you in France." I. Nikitin. Blok. agit. [Len.] no. 9:17-21 Mr '60.

RUSSIA—FOREIGN RELATIONS—GREAT BRITAIN

"A history of Anglo-Soviet relations." Vols. 1 and 2 [in English] by W. P. Coates, Z. K. Coates. Reviewed by IU. I. Igritskii. Ist. SSSR 4 no. 3:191-196 My-Je '60.

An uncompleted stage; a history of Anglo-Russian negotiations during 1914. A. V. Ignat'ev. Ist. SSSR 4 no. 3:107-119 My-Je '60.

RUSSIA—FOREIGN RELATIONS—INDONESIA

A distinguished guest from Indonesia. Sovr. Vost. no. 7:6 Jl '60.

A friendship of mutual benefit. Nov. vrem. 18 no. 29:4 Jl '60.

The spirit of fighting humanism. Pramoedya Ananta Toer. Inostr. lit. no. 8:217-219 Ag '60.

RUSSIA—FOREIGN RELATIONS—IRAN

On the significance of the Turkmenchay Treaty in Armenian history. L. S. Semenov. Ist.-filol. zhur. no. 4:165-171 '59.

Russo-Persian relations during the 17th century and the first half of the 18th century in foreign historiography. A. P. Novosel'tsev. Ist. SSSR 4 no. 3:183-190 My-Je '60.

Tuzmukhamedov, R. A. [Soviet-Iranian relations, 1917-1921] Sovetsko-iranskie otnosheniia, 1917-1921. Moskva, Izd-vo In-ta mezhdunar. otnoshenii, 1960. 93 p.

RUSSIA—FOREIGN RELATIONS—JAPAN

Soviet-Japanese relations. V. Semenov. Otv. na vop. trud. no. 14:26-31 '60.

RUSSIA—FOREIGN RELATIONS—MONGOLIA

Historical ties of the Mongolian and Russian peoples in the past. TS. Puntsagnorov. Sovr. Mong. no. 2:9-20 Mr-Ap '58.

RUSSIA—FOREIGN RELATIONS—NORWAY

Report from Bodo. Gennadii Fish. Nov. vrem. 18 no. 31:24-28 Jl '60.

RUSSIA—FOREIGN RELATIONS—TURKEY

From the history of Soviet - Turkish relations in 1920 - 1920. P. G. Saakian. Izv. AN Arm. SSR. Obshchestv. nauki no. 2:17-26 '60.

In the Turkey of Ataturk. S. Aralov. Mezhdunar. zhizn' 7 no. 8:113-119 Ag '60.

Live in peace and friendship. D. Potskhveriia. Sovr. Vost. no. 7:33-34 Jl '60.

The principles of Ataturk. IU. Plotnikov. Nov. vrem. 18 no. 30:29-30 Jl '60.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

"Czars and presidents, the story of a forgotten friendship" [in English] by Alexandre Tarsaidze. Reviewed by D. P. Kanevskii. Ist. SSSR 4 no. 3:197-199 My-Je '60.

"Face to face with America", the story of N. S. Khrushchev's visit to the U.S.A. by A. Adzhubei and others. Reviewed by I. Baraniaev. Zvezda no. 6:217-218 Je '60.

Guilty without extenuating circumstances ("They shall be called to account; facts about the treacherous policy of America's ruling circles" by M. A. Kharlamov. Reviewed by N. Osipenko). Nov. vrem. 18 no. 31:30-31 Jl '60.

Provocative policy of American imperialists. Blok. agit. [Len.] no. 16:17-19 Je '60.

The Trent Affair and Russian public opinion. L. IA. [illegible]. Uch. zap. [illegible] no. 5:81-96 '58.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORICAL GEOGRAPHY—MAPS

[Atlas on the history of the U.S.S.R., for secondary schools] Atlas istorii SSSR, dlia srednei shkoly. Moskva, Glav. upr. geodezii i kartografii M-va geologii i okhrany nedr SSSR.
Pt. 1. [1960] 18 p.

RUSSIA—HISTORY

Chermenskii, E. D. [History of the U.S.S.R.; the period of imperialism (1890's to March 1917), a text book for students in teachers' colleges] Istoriia SSSR period imperializma (90 gg. XIX v.–mart 1917 g.), posobie dlia studentov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1959. 508 p.
(NNC)

Collections of documents published by state archives of the R.S.F.S.R. during 1959, annotations. Ist. arkh. 6 no. 3:210-211 My-Je '60.

Shepelev, I. S. [Liberation and class struggle in the Russian state from 1608 to 1610] Osvoboditel'naia i klassovaia bor'ba v Russkom gosudarstve v 1608-1610 gg. Piatigorsk, Piatigorskii ped. gos. in-t, 1957. 555 p.
(NNC)

Work on local history of [illegible]. I. M. [illegible]. Ist. SSSR 4 no. 3:217 My-Je '60.

RUSSIA—HISTORY—BIBLIOGRAPHY

New foreign literature on the history of the U.S.S.R. Ist. SSSR 4 no. 3:200-202 My-Je '60.

RUSSIA—HISTORY—SOURCES

Unforgettable pages of the history of the Soviet state ("Congresses of the Soviets of the U.S.S.R., the Union and Autonomous Soviet Socialist Republics, collected documents in three volumes, 1917-1936." Reviewed by M. Shafir). Sov. deput. trud. no. 7:85-89 Jl '60.

RUSSIA—HISTORY—STUDY AND TEACHING

Ezhov, V. A., IU. D. Margolis, and S. I. Peshtich. [How to prepare yourself to take college entrance examinations, the history of the U.S.S.R.] Kak podgotovit'sia k priemnym ekzamenam v vuz, istoriia SSSR. [Leningrad] Leningr. univ., 1959. 98 p.
(NNC)

RUSSIA—HISTORY, MILITARY

Continuous attention to the study of military history. S. I. Mironov. Voen. vest. [illegible] '60.

Military calendar. Voen. znan. 36 no. 7:40 Jl '60.

Military history section at the Rostov District Officers' Club. A. Shurupov. Voen.-ist. zhur. [illegible] My '60.

Vorontsov, A. V. [Russian military glory] Russkaia voinskaia doblest'. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR. Leningr. otd-nie, 1959. 55 p.

Works of the Military Science Society of the [illegible] Officers' Club. M. Safonov. Voen.-ist. zhur. [illegible] 115-116 My '60.

RUSSIA—HISTORY, NAVAL

Ancharskii, P. P. [Unfading glory of sailors; youth on the fighting traditions of the sailors of the Soviet Navy] Nemerknushchaia slava moriakov; molodezhi o boevykh traditsiiakh voinov Sovetskogo Voenno-Morskogo Flota. Moskva, DOSAAF, 1959. 70 p.
(CLU)

RUSSIA—INDUSTRIES

Al'tman, L. P., D. M. Pinkhenson, and L. G. [illegible]. [Geography of great works] Geografiia velikikh del. Leningrad, Vses. ob-vo po rasprostraneniiu polit. i nauch. znanii. Leningr. otd-nie, 1960. 39 p.

Attention! Agitator no. 14:21 Jl '60.

[illegible], L. IA., and A. S. Tolkachev. [Economic and technical foundation of communism] Material'no-tekhnicheskaia baza kommunizma. Moskva, Gos. izd-vo polit. lit-ry, 1960. 97 p.

The Communist Party in the struggle for the economic development of the Soviet Union. S. [illegible]. Mol. komm. no. 7:90-104 Jl '60.

Decisions of the July Plenum of the Central Committee of the CPSU are a program for efficient action. Part. zhizn' no. 14:3-7 Jl '60.

The evacuation of industrial concerns during the period of the Great Patriotic War, 1941-1942. A. V. Mitrofanova. Ist. SSSR 4 no. 3:[illegible] My-Je '60.

Ozerov, I. S. [Struggle of the party for the socialist industrialization of the country and the preparation for the complete collectivization of agriculture, 1926-1929, materials for the course on the "History of the CPSU"] [illegible] 1926-1929 gody, materialy k [illegible] "Istoriia KPSS" [illegible] 1960. 109 p. [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

RUSSIA—INTELLECTUAL LIFE

[illegible]

RUSSIA—LITERATURE—HISTORY AND CRITICISM

[illegible] 1960. [illegible]
(CU)

RUSSIA—MANUFACTURES

[illegible] 1959. [illegible]

RUSSIA—MANUFACTURES—ACCOUNTING

Effect of credit [illegible]

RUSSIA—NAVY

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

RUSSIA—NAVY—BIOGRAPHY

[illegible]

RUSSIA—NAVY—[illegible]

[illegible]

RUSSIA—[illegible]

[illegible]

[illegible]

RUSSIA—[illegible]

[illegible]

RUSSIA—POLITICS AND GOVERNMENT

[illegible]

[illegible] 1960. 180 p.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[Gazette of the [illegible]

[Gazette of the [illegible]

[illegible]

A history of central and [illegible] first half of the 19th century. A. A. [illegible]. Ist. SSSR 4 no. 3:141-150 My-Je '60.

How to study the materials of the fifth session of the Supreme Soviet of the U.S.S.R. Polit. samoobr. 4 no.6:106-109 Je '60.

Petrov, V.S. [The Soviet state in the period of large-scale building of communism] Sovetskoe gosudarstvo v period razvernutogo stroitel'stva kommunizma. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 43 p.

Popkov, V.D. [Governmental system of the U.S.S.R.] Gosudarstvennoe ustroistvo SSSR. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 81 p.

Rozanov, M.D. [For our brothers!] Za brat'ev; podvig geroini Olshanskoi obshchiny Marfy IAkovlevoi. Ocherk. [Leningrad] Lenizdat, 1960. 130 p.

Russia (1923- U.S.S.R.) Verkhovnyi Sovet. [Meetings of the fifth Supreme Soviet of the U.S.S.R., fifth session, May 5-7, 1960. Verbatim report] Zasedaniia Verkhovnogo Soveta SSSR piatogo sozyva; piataia sessiia (5-7 maia 1960 g). Stenograficheskii otchet. [Moskva] 1960. 310 p.

Shekhvatov, B.M. [Lenin and the Soviet state; how V.I. Lenin tried to improve the administration of the Soviet state, 1921-1923] Lenin i Sovetskoe gosudarstvo; deiatel'nost' V.I. Lenina po sovershenstvovaniiu gosudarstvennogo upravleniia, 1921-1922. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 313 p.

Subjects for lectures, reports, and talks based on the materials of the fifth session of the Supreme Soviet of the U.S.S.R. Polit. samoobr. 4 no.5:8 My '60.

Subjects for lectures, reports, and talks relating to the fifth session of the Supreme Soviet of the U.S.S.R. Agitator no.10:39 My '60.

Sverdlov, IA.M. [Selected works in three volumes] Vybrani tvory v tr'okh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.
Vol. 1. 1960, 298 p.

Themes for lectures, reports, and talks based on the materials of the fifth session of the Supreme Soviet of the U.S.S.R. Blok. agit. [Ukr.] no.16:63-64 Je '60

V.I. Lenin on the Soviet state. V. Nikolaev. Otv. na vop. trud. no.11:[illegible] '60.

Zhuk, IA.A. [Soviet agencies of state control] Gosudarstvennye inspektsii v SSSR. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 192 p.

RUSSIA—POPULATION—STATISTICS

Grouping regions of republics, territories, and provinces by population size as of January 15, 1959. Vest. stat. no.[illegible] '60.

RUSSIA—RELATIONS (GENERAL) WITH AFRICA

Africa on Freedom Day. Kul't i zhizn' 4 no.7:40-41 '60

RUSSIA—RELATIONS (GENERAL) WITH AUSTRALIA

Distance is not an obstacle to friendship. V. Gromeko. Kul't i zhizn' 4 no.7:44-47 '60

Growing number of our friends. V. Shakhovskoi. Sov. foto 20 no.2:35 F '60.

RUSSIA—RELATIONS (GENERAL) WITH AUSTRIA

The fifteenth anniversary of the Austro-Soviet Society. [illegible] Kul't i zhizn' 4 no.6:[illegible] '60

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Gurbanov, M.S. [Unquenchable flames of Soviet-Bulgarian friendship] Negasimoe plamia sovetsko-bolgarskoi druzhby. Kishinev, Gos. izd-vo "Kartia Moldoveniaske," 1959. 54 p.

On Bulgarian soil. [illegible] Moldavskii. Zvezda no.5:160-173 My '60

RUSSIA—RELATIONS (GENERAL) WITH CANADA

"To hell with borders, let's rather exchange photographs." [illegible] Sov. foto 20 no.5:30 My '60.

RUSSIA—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

Our great goal unites us. Nauka i zhyttia 10 no.5:1 My '60.

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Trade and cultural relations between the Soviet Union and Cuba. Vnesh. torg. 40 no.7:13 '60.

RUSSIA—RELATIONS (GENERAL) WITH EAST GERMANY

Letter from the German Democratic Republic. W. Heilig. Sov. foto 20 no.6:[illegible] Je '60

Visitors from the German Democratic Republic in Moscow and Leningrad. Sov. foto 20 no.5:26 My '60

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Big exhibition of a small country. Znan. sila 35 no.6:37 Je '60.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Foreign scholars as guests of Moscow University journalists. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no.3:91 My-Je '60.

"The camera records victories." N.V. Popova. Sov. foto 20 no.3:[illegible] Mr '60.

A useful and fruitful meeting. Smena 37 no.15:16-17 Ag '60.

We welcome ... Kul't i zhizn' 4 no.6:35 '60

France in the spring of 1960. A. Osipov. Sov. mol. 20 no.8:15 Ap '60.

"I would love to visit Moscow again." Marc Riboux. Sov. foto 20 no.6:37 Je '60

Jacques is our friend. K. Vishnevetskii. Smena 37 no.13:28-29 Jl '60.

A review of Soviet-French cultural relations. M.S. Kuz'min. Ist. SSSR 4 no.3:140-143 My-Je '60.

Touring Russia with French tourists. M. Gankin. Sov. foto 20 no.2:43 F '60

We are for close cultural relations; letter from France. A. Mitrofanov. Sov. foto 20 no.2:44 F '60.

Wing to wing ("Normandy-Neman" by François de Joffre. Reviewed by N. Bontnov) Kryl. rod. 11 no.6:29 Je '60

RUSSIA—RELATIONS (GENERAL) WITH GHANA

Africa comes closer to us. Kul't i zhizn' 4 no.6:37-39 '60

RUSSIA—RELATIONS (GENERAL) WITH IRAQ

Friendly cooperation. I. Samylovskii. Sovr. Vost. no.7:32 Jl '60.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Conference on children's literature. Giuseppe Gaddi. Kul't i zhizn' 4 no.7:38 '60.

Exhibition in Milan. Sov. foto 20 no.6:37 Je '60

In memory of an Italian friend. V. Shakhovskoi. Sov. foto 20 no.6:45 Je '60.

RUSSIA—RELATIONS (GENERAL) WITH MONGOLIA

On the wings of friendship. A. Denisovich. Sovr. Mong. no.5:14-16 S-O '59.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Children are the flowers of life. Albert Kahn. Sov. foto 20 no.6:22-24 Je '60

The first time in the United States. Konstantin Ivanov. Kul't i zhizn' 4 no.6:40-41 '60

RUSSIA—RELATIONS (GENERAL) WITH NEW ZEALAND

Distance is not an obstacle to friendship. V. Gromeko. Kul't i zhizn' 4 no.7:44-47 '60

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat. i soob. Inst. izuch. SSSR no.12/13:91-96 F-Mr '60

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat. i soob. Inst. izuch. SSSR no.11:57-61 Ap '60

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat. i soob. Inst. po izuch. SSSR no.17:54-56 Jl '60.

RUSSIA—REVOLUTION, 1917-1921

Across the front lines to Lenin's country. I. Lapalo, IU. Polozhchuk. Ogonek 38 no.29:16 Jl '60

"Baptism of fire" by A.I. Cherepanov. Reviewed by V. Viktorov. Voen. znan. 36 no.7:30 Jl '60.

The Great October Revolution and the pygmies of capitalism. G.M. Gendel'. Uch. zap. GGU no.51:117-136 '60.

History of the international military formations in the U.S.S.R. between 1918-1922. I. Muratov. Voen. ist. zhur. 2 no.5:95-102 My '60

Kommunisticheskaia partiia Sovetskogo Soiuza. Udmurtskii oblastnoi komitet. Partiinyi arkhiv. [Udmurt workers in their fight against Kolchak] Trudiashchiesia Udmurtii v bor'be s Kolchakom; sbornik dokumentov. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1959. 65 p.

Liudmila Mokievskaia, commander of an armored train. I. Assaul'skii. Sov. foto 20 no.3:24 Mr '60.

Maurer, Zh. A. [October Revolution of 1917 in Moscow] Oktiabr'skoe vooruzhennoe vosstanie 1917 goda v Moskve. [Moskva] Izd-vo Mosk. univ., 1960. 53 p.

Naida, S.F., and D.A. Kovalenko, eds. [Decisive victories of the Soviet people over the interventionists and white guardsmen in 1919] Reshaiushchie pobedy sovetskogo naroda nad interventami i belogvardeitsami v 1919 g.: sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1960. 600 p.

Novogrudskii, G.S., and A.M. Dunaevskii. [Comrade Chinese fighters] Tovarishchi kitaiskie boitsy. Moskva, Voen. izd-vo M-va obor. SSSR, 1959. 108 p.

[On the front lines and in the rear] Na fronte i v tylu; iz istorii grazhdanskoi voiny i ukrepleniia Sovetskoi vlasti na Urale. Sbornik statei. Perm', Permskoe knizhnoe izd-vo, 1959. 192 p.

Petrov, N.G. [The Bolsheviks at the Western Front in 1917; reminiscences] Bol'sheviki na Zapadnom fronte v 1917 godu; vospominaniia. Moskva, Gos. izd-vo polit. lit-ry, 1959. 110 p.

Red cadets in the defense of Petrograd in 1919. G. Bykov. Voen. ist. zhur. 2 no.5:119-122 My '60.

Rublev, M.R. [The years of great achievements] Gody velikikh svershenii. Literaturnaia obrabotka A.I. Kuz'mina. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 106 p.

Who are they? A.I. Lennikov. Vest. Vozd. Fl. no.6:80-81 Je '60.

Dispatch to the First Horse Army. B.N. Orlov. Vest. Vozd. Fl. no.2:82-83 F '60.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Bulochnikov, M.G. [Unforgettable meetings; from notes of a participant in three revolutions] Nezabyvaemye vstrechi; iz zapisok uchastnika trekh revoliutsii. Cheboksary, Chuvashskoe gos. izd-vo, 1959. 22 p.

[Fighters remember days gone by] Boitsy vspominaiut minuvshie dni. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 229 p. (Voennye memuary)

RUSSIA—RURAL CONDITIONS

How can I be without Luganka? G. Kulikovskaia, D. Ukhtomskii. Ogonek 38 no.25:14-15 Je '60.

Love your father's home, editor's mail. Ogonek 38 no.23:17 Je '60

RUSSIA—SOCIAL CONDITIONS

Crown princes; feuilleton. Vladimir Titov. Ogonek 38 no.29:27 Jl '60

Great victory of the Soviet people. Kryl. rod. 11 no.5:1 My '60

Socialism has triumphed completely. A. IUdenkov. Sov. profsoiuzy 16 no.9:10-12 My '60

Today and tomorrow. Grazhd. av. 17 no.6:1-2 Je '60.

The workers' way of life and communism. S. Strumilin. Novyi mir 36 no.7:203-220 Jl '60.

RUSSIA, NORTHERN—ALLIED INTERVENTION, 1918-1920

Zamiatkin, M.S., and A.P. Konstantinov. [The struggle for the Soviet North, how Petrograd workers struggled against the White Guards and foreign interventionists in the Soviet North] V bor'be za sovetskii Sever, rabochie Petrograda v bor'be protiv belogvardeitsev i inostrannykh interventov na sovetskom Severe. [Leningrad] Lenizdat, 1959. 134 p.

RUSSIA, NORTHERN—APARTMENT HOUSES

Designs of apartment houses to be built in the Far North. I. Vonog. Arkhit. SSSR no.7:40-42 '60.

RUSSIA, NORTHERN—GEOLOGY, STRATIGRAPHIC

Role of graptolites in the detailed stratigraphy of Ordovician and Silurian sediments of the Soviet Arctic. V.V. Pavlinov. Izv. vys. ucheb. zav.; geol. i razv. 3 no.1:16-27 Ja '60.

RUSSIA, NORTHERN—NATIVE RACES

Archives of the Committee for the North. S. Sh. Khaskina. Ist. arkh. 6 no.3:185-191 My-Je '60.

RUSSIA, NORTHERN—PEGMATITES

Physical properties of pegmatites and enclosing rocks of Karelia and the Kola Peninsula. S. IA. Liogen'kii. Geol. rud. mestorozh. no.6:117-120 N-D '59.

RUSSIA, NORTHERN—SULFIDES

Mineralogical studies of sulfide copper-nickel deposits. E.N. Eliseev. Inform. biul. NIIGA no.14:25-28 '59.

RUSSIA, NORTHERN—TIN ORES

Chaikovskii, V.K. [Geology of tin-bearing deposits in the northeastern part of the U.S.S.R.] Geologiia olovonosnykh mestorozhdenii Severo-Vostoka SSSR. Pod red. B.N. Erofeeva. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1960. 334 p.

RUSSIA, NORTHWESTERN—REVOLUTION, 1917-1921

Sautin, N.V. [The Great October Revolution in the rural areas of northwestern Russia, October 1917-1918] Velikii Oktiabr' v derevne na Severo-Zapade Rossii, oktiabr' 1917-1918 gg. [Leningrad] Lenizdat, 1960. 213 p.

RUSSIA, NORTHWESTERN—WHEAT RUSTS

Some biological characteristics of the common wheat rust (Puccinia graminis Pers.) under conditions prevailing in the northwestern zone. Z.L. Shestiperova. Bot. zhur. 45 no.5:735-737 My '60.

RUSSIA, SOUTHERN—BIRDS

Ecologico-geographical features of the formation of the bird fauna in artificial forest stands of the Ukrainian and Ciscaucasian steppe zone. Part 1 [with summary in English]. A.S. Budnichenko. Biul. MOIP. Otd. biol. 65 no.3:37-45 My-Je '60.

RUSSIAN DRAMA—HISTORY AND CRITICISM

The approaches used in writing a history of Soviet dramaturgy ("The theater and dramaturgy." Reviewed by A. Boguslavskii, Vl. Diev). Vop. lit. 4 no.8:205-208 Ag '60.

The author and the actor. IU. IUzovskii. Vop. lit. 4 no.8:26-48 Ag '60.

Fashionable art and genuine art. Vl. Prokof'ev. Teatr 21 no.8:53-71 Ag '60.

Golovashchenko, IU. A. [Soviet heroic drama] Sovetskaia geroicheskaia drama. [Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1959. 37 p.

RUSSIAN DRAMA—HISTORY AND CRITICISM (Continued)

How a play originates... Nikolai Pogodin. Vop. lit. 4 no. 7:181-191 Jl '60.

On the continuers of a dispute. O. Mikhailov. Vop. lit. 4 no. 7:74-77 Jl '60.

The rights and duties of a dramatic hero, remarks on plays. S. Vladimirov. Zvezda no. 5:174-179 My '60.

The truth of a character. A. Karaganov. Vop. lit. 4 no. 8:3-17 Ag '60.

RUSSIAN EXPLORATION see subdivision under Antarctic regions, Arctic regions

RUSSIAN LANGUAGE

History of the acceptance of papers in Russian at the international congresses of historians. V. H. [illegible] Ukr. ist. zhur. 4 no. 4:110-111 Jl-Ag '60.

Russian language. G. P. Serdiuchenko. Kul't. i zhizn' 4 no. 6:81-82 '60.

RUSSIAN LANGUAGE—ADJECTIVES

Causes of spelling mistakes marked by violations of orthographic rules for the use of H and HH in adjectives. N. N. Algazina. Dokl. APN no. 1:15-18 '60.

Substantive adjectives pertaining to human beings in the Old Russian and Ukrainian languages. D. H. Hrynchyshyn. Dosl. i mat. z ukr. movy 2:13-30 '60.

RUSSIAN LANGUAGE—AUDIO-VISUAL AIDS

Typesetting device for compiling tables on the Russian language. P. I. Shipaev. Nach. shkola 28 no. 6:74-76 Je '60.

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Akhvlediani, G. S., and others. [Russian literature; a reader for the 8th grade of the Georgian school] Russkaia literatura, uchebnik-khrestomatiia dlia VIII klassa gruzinskoi shkoly. Izd. 3. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "Tsodna," 1960. 293 p.

RUSSIAN LANGUAGE—COMPOSITIONS AND EXERCISES

Composition on a grammatical theme in senior grades. Z. D. [illegible] Obshcheobr. shkola vzrosl. no. 1:75-76 Ja-F '60.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—CHINESE

[Russian-Chinese phraseological dictionary] Russko-kitaiskii frazeologicheskii slovar'. Kharbin, 1959. 611 p.

RUSSIAN LANGUAGE—DICTIONARIES—AVARIC

Akademiia nauk SSSR. Dagestanskii filial, Makhachkala. Institut istorii, iazyka i literatury. [Russian-Avaric dictionary] Russko-avarskii slovar'. Okolo 37 000 slov. Makhachkala, Izd. Dagestanskogo filiala Akad. nauk SSSR, 1951. 1011 p.
(RPB)

RUSSIAN LANGUAGE—DICTIONARIES—DUNGAN

[illegible], IU., and I. Shinlo, comps. [Russian-Dungan dictionary. Approximately 14,000 words] Russko-dunganskii slovar'. Pod red. A. Kalimova. Okolo 14 000 slov. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959. 261 p.

RUSSIAN LANGUAGE—DICTIONARIES—GOLDIAN DIALECT

Onenko, S. N., comp. [Russian-Nanai dictionary. Contains more than 8,000 words] Russko-nanaiskii slovar'. Pod red. V. A. Avrorina. Slovar' soderzhit svyshe 8000 slov. Leningrad, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 350 p.

RUSSIAN LANGUAGE—DICTIONARIES—KIRGHIZ

Orozaliev, S. [Russian-Kirghiz glossary of geographical terms] Geografiialyk terminderdin orusha-kyrgyzcha sozdugu. Frunze, 1960. 42 p.

Turusbekov, M. [Dictionary of physics terminology] Fizikalyk terminderdin sozdugu; doliboor. Slovar' fizicheskikh terminov; proekt. Frunze, Akad. nauk Kirgizskoi SSR. Terminologicheskaia komissiia, 1960. 100 p.

RUSSIAN LANGUAGE—DICTIONARIES—KUMYK

[Russian-Kumyk dictionary] Russko-kumykskii slovar'; okolo 30 000 slov. Pod red. Z. Z. Bammatova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 1118 p.
[MICROFILM]

RUSSIAN LANGUAGE—DICTIONARIES—UKRAINIAN

Hudymenko, F. I., and others, comps. [Russian-Ukrainian mathematics dictionary, 12,000 words] Russko-ukrainskii matematicheskii slovar'; 12000 terminov. Izd-vo Akad. nauk USSR, 1960. 126 p.

Shvets, G. I., and others, comps. [Russian-Ukrainian hydraulic-engineering dictionary; 13 000 terms] Russko-ukrainskii gidrotekhnicheskii slovar'. 13 000 terminov. Kiev, Izd-vo Akad. nauk USSR, 1960. xiv, 192 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Central Asian borrowings in the Russian language. B. Shoshtaev. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2:93-99 '59.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES—KIRGHIZ

Kirghiz words used in the Russian language press of Soviet Kirghizia. T. Osmonaliev. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2:85-92 '59.

RUSSIAN LANGUAGE—GRAMMAR

Finkel', A. M., and N. M. Bazhenov. [Course in the modern Russian literary language] Kurs sovremennogo russkogo literaturnogo iazyka. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola," 1960. 621 p.

Minsk. Universitet. [Studies on the White Russian and Russian languages] Dasledavanni pa belaruskai i ruskai movakh. Minsk, Vyd-va Beldziarzh. univ. im. U. I. Lenina, 1960. 170 p.

RUSSIAN LANGUAGE—GRAMMAR, HISTORICAL

Ways of expressing the predicate in the language of Russian tales written during the latter half of the 17th century. A. V. Danovich. Sbor. trud. MZPI no. 6:153-164 '58.

RUSSIAN LANGUAGE—NOUN

From the history of noun declension (based on the Suzdal manuscripts). N. S. Valgina. Sbor. trud. MZPI no. 6:139-152 '58.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Individual and group work on orthography with upperclassmen. G. N. Pristupa. Obshcheobr. shkola vzrosl. no. 1:77-78 Ja-F '60.

RUSSIAN LANGUAGE—PHONETICS

Vocalized and nonvocalized words in the literary language of the latter half of the 17th century. P. M. [illegible] Sbor. trud. MZPI no. 6:185-217 '58.

RUSSIAN LANGUAGE—PREPOSITIONS

Mistakes in the construction of sentences as an index of the degree of assimilation of the grammatical system of the language. M. P. Feofanov. Dokl. APN no. 1:17-[illegible] '60.

RUSSIAN LANGUAGE—PRONUNCIATION

Boltunova, A. F. [Teaching Russian pronunciation in non-Russian schools, a manual for teachers in elementary grades] Obuchenie russkomu proiznosheniiu v nerusskikh shkolakh, posobie dlia uchitelia nachal'nykh klassov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 210 p.

RUSSIAN LANGUAGE—SEMANTICS

Kazanskii, B. V. [In the world of words] V mire slov. [Leningrad] Lenizdat, 1958. 263 p.
(NN)

RUSSIAN LANGUAGE—STUDY AND TEACHING

Alekseich, A. P. [Organizing the pedagogical process in Russian language lessons, from work practice] Organizatsiia pedagogicheskogo protsessa na urokakh russkogo iazyka; iz opyta raboty. Izd. 2., ispr. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 143 p.

Answer to friends. K. Moskalenko. Nar. obr. no. 7 [illegible] Jl '60.

Avalishvili, V. G., T. G. Georgobiani, and R. Z. [illegible] [The Russian language; a textbook for grade 7 of the Georgian school] Russkii iazyk; uchebnik dlia 7 klassa gruzinskoi shkoly. Izd. 9. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "Tsodna," 1960. 182 p.

Coherent texts compiled by students on the basis of exercise material from the Russian language textbook. I. I. [illegible] Dokl. APN no. 2:41-44 '60.

Dialecticisms in students' speech and the ways to eliminate them. A. V. [illegible] Nach. shkola 28 no. 6:40-42 Je '60.

[illegible], G. P., and I. G. Kharchenko. [Collection of dictations on orthography and punctuation, manual for grade 5-8 teachers] Sbornik diktantov po orfografii i punktuatsii, posobie dlia prepodavatelei V-VIII klassov. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 373 p.

[Methods of teaching the Russian language to non-Russians, a collection of articles by teachers in institutions of higher learning] Voprosy metodiki prepodavaniia russkogo iazyka nerusskim; sbornik statei prepodavatelei vuzov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR.
No. 7. 1959. 208 p.

On the article "Independent work during the Russian language lesson." D. M. Rogutskaia. Nach. shkola 28 no. 6:82-83 Je '60.

Paskhina, A. V., and N. I. Saltykov. [Textbook of the Russian language] Uchebnik russkogo iazyka. Kiev, Gos. uchebno-pedagog. izd-vo "Radians'ka shkola,"
Pt. 1. [Phonetics and morphology for the 6th-7th grades of the eight-year technical school with instruction in the Ukrainian language] Fonetika i morfologiia dlia 6-7 klassov vos'miletnei politekhnicheskoi shkoly s ukrainskim iazykom prepodavaniia. Izd. 2., perer. i dop. Pod red. V. I. Masal'skogo. 1960. 308 p.

Preparing students for oral expression. T. A. Ladyzhenskaia. Dokl. APN no. 2:29-32 '60.

The role of the thematic grouping of words (according to topics) in the enrichment of students' vocabulary. M. P. [illegible] Dokl. APN no. [illegible] '60.

Studies in the field of [illegible] in Ukrainian universities in 1960. [illegible] 10 no. 3:[illegible] '60.

Training students in the creative use of dialogue. V. M. Pervova. Dokl. APN no. 4:35-40 '59.

RUSSIAN LANGUAGE—STYLE

Baranova, N. N. [Collected exercises in practical style in the Russian language, a textbook for advanced classes of non-Russian schools] Sbornik uprazhnenii po prakticheskoi stilistike russkogo iazyka; posobie dlia uchashchikhsia starshikh klassov nerusskikh shkol. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 201 p.

RUSSIAN LANGUAGE—SYNONYMS

Sukhotin, V. P. [The syntactic synonyms in the modern Russian literary language; verb combinations] Sintaksicheskaia sinonimika v sovremennom russkom literaturnom iazyke; glagol'nye slovosochetaniia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 163 p.

RUSSIAN LANGUAGE—SYNTAX

Akademiia nauk SSSR. Institut russkogo iazyka. [Grammar of the Russian language] Grammatika russkogo iazyka. Moskva.
Vol. 2. [Syntax] Sintaksis.
Pt. 1. 1960. 701 p.
Pt. 2. 1960. 441 p.

[illegible] M. [illegible] 20 '60.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Dictionary of [illegible] 31 My '60.

Dictionary of [illegible] 15 [illegible] '60.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS—[illegible]

[illegible]
Pt. 1. 1959. 111 p.

RUSSIAN LANGUAGE—WORD FORMATION

[illegible] A. [illegible] 40 '60.

Word [illegible]

RUSSIAN LITERATURE—COLLECTIONS

[illegible] 1958. [illegible] p.
(DLC)

[illegible] 1959. 111 p.
(MH)

[illegible] 1959. 159 p.
(MH)

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Belinskii, V. G. [A glance at Russian literature of the year 1846. A glance at Russian literature in the year 1847] Vzgliad na russkuiu literaturu 1846 g. Vzgliad na russkuiu literaturu 1847 g. Moskva, [illegible]

[illegible] 34 [illegible] '60.

[illegible] 21 '60.

[illegible]

[illegible]

Kedrina, Z. S. [A contemporary in the [illegible] literature] [illegible] Moskva, Izd-vo "Znanie," 1960. 32 p. ([illegible] no. 14)

Kalyevich, V. Y. [In defense of life, literary criticism articles] V zashchitu zhizni, literaturno-kriticheskie stat'i. Izd. 2., dop. Moskva, Sovetskii pisatel', 1959. 401 p.

The Leninist conception of [illegible] literature. [illegible] 31 '60.

Minsk. Universitet. [Problems in literature] V pytanni litaratury. Minsk, Izd-vo Belgosuniv. im. V. I. Lenina, 1960. 114 p.

On a feeling of [illegible] Moskva 4 no. 7:[illegible] '60

On prosaic eloquence and seekings for new forms. G. [illegible] Zvezda 38 no. 8:[illegible] Ag '60

(Continued)

On the paths of the romanticists (article three). V. Survillo. Novyi mir 36 no. 7:229-230 Jl '60.

On the practicalness of theoretical thought ("Problems of literary theory." Reviewed by K. Chun'kin) Vop. lit. 4 no. 8:222-225 Ag '60.

Pankov, V. K. [The principle hero; a portrayal of the people in postwar Soviet literature] Glavnyi geroi; izobrazhenie naroda v poslevoennoi sovetskoi literature. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 323 p.

Platonov, B. E. [V. I. Lenin and problems of Soviet literature] V. I. Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, Leningr. otd-nie, 1960. 54 p.
(MH)

Pletnev, R. V. [Lectures on the history of 18th and 19th century Russian literature] Lektsii po istorii russkoi literatury 18 i 19 vekov. Toronto, Izd. Russkogo kul'turno-prosv. ob-va, 1959. 241 p.

Sakulin, P. N. [Modern Russian literature; period of Alexander I] Novaia russkaia literatura; aleksandrovskaia epokha. Moskva, A. I. Mamontov, 1900, [Ann Arbor, 1960] 309 p.
(MiU)

[PHOTOCOPY]

Soldiers of the "Vlasov Army" in Soviet literature. A. Gaev. Mat. i soob Insl otd Inst. po izuch SSSR no 12/13:38 55 F-Mr '60.

The vital position of a hero. G. Brovman. Vop. lit. 4 no. 7:52-74 Jl '60.

With purpose, profundity, and passion. V. Bushin. Neva no. 6:102-191 '60

Vardatick of humaneness. I. Grinberg. Zvezda no 5 207-210 My '60

RUSSIAN LITERATURE—PERIODICALS

The periodical "Russkaia literatura." Vop. lit. 4 no. 7: 245 Jl '60.

A work on "Sovremennik" ("The periodical 'Sovremennik', 1847-1866" by V. Bograd. Reviewed by B. Egorov). Vop. lit. 4 no. 7:230 242 Jl '60.

RUSSIAN LITERATURE—STUDY AND TEACHING see subdivision under Baku

RUSSIAN LITERATURE—TRANSLATIONS INTO GEORGIAN

Early translations of Marxist literature into Georgian. L. F. Chikovani. Vop. ist. KPSS 4 no 4.140-146 '60.

RUSSIAN NEWSPAPERS

(see also subdivision under Gur'yev Province, Ivanovo Province; Kustanay Province; Lithuania)

Good beginning. A. Karamyshev. Sov. pech. no. 7:7-8 Jl '60.

Increasing the participation of the masses in the work of Soviet newspapers and radio stations. Part. zhizn' no. 14:31-33 Jl '60.

Kuznetsov, I. V., and S. S. Matvienko. [The newspaper "Sotsial-demokrat" from 1908 to 1917] Gazeta "Sotsial-demokrat," 1908-1917 gg. Moskva, Gos. izd-vo polit. lit-ry, 1960. 189 p.

Lenin and the press. V. Shmarajev. Blok. agit. [Len.] no. 13:1-10 My '60.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles.] Letopis' gazetnykh statei no. 7 '60; Index, Ap-Je '60

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles.] Letopis' zhurnal'nykh statei nos 30-33 '60.

RUSSIAN PHOTOGRAPHERS

Exhibition in Milan. Sov. foto 20 no 6:37 Je '60.

RUSSIAN PLATFORM—FORAMINIFERA, FOSSIL

The genus Planularia and its new species from the upper Jurassic of the Russian Platform. K. I. Kuznetsova. Paleont. zhur. no. 2:17-34 '60.

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL

Studying subsurface structures in eastern regions of the Russian Platform. L. N. Rozanov, IU. N. Stepov. Geol. nefti i gaza 4 no. 6:16-28 Je '60.

RUSSIAN POETRY—HISTORY AND CRITICISM

The first book. Vsevolod Azarov. Vop. lit. 4 no. 8:13-37 Ag '60.

The "Friends' Journal" on Soviet poetry. F. I. Vop. lit. 4 no. 8,138-149 Ag '60.

Our stumbling blocks. Aleksandr Prokof'ev. Zvezda no. 5 197-199 My '60

"Plesnesk" "The lay of the host of Igor" and the ancient Russian city of Plesnesk. M. P. Kuchera. Krat. soob. Inst. arkheol AN URSR no. 9:113-116 '60.

Poets of the Ural capital ("Sverdlovsk poets." Reviewed by G. Kuznetsov). Neva no. 6:204-205 '60.

RUSSIAN REVOLUTION, 1917-1921

The first military and party-trade union mobilizations of the Moscow and Petrograd proletariat for the eastern front. N. G. Malykhin. Sbor. trud. MZPI no. 6:21-41 '58.

Petrov, N. G. [The Bolsheviks at the Western Front in 1917, reminiscences] Bol'sheviki na Zapadnom fronte v 1917 godu, vospominaniia. Moskva, Gos. izd-vo polit lit-ry, 1959. 116 p

Serditova, S. N. [Struggle of the Bolsheviks for women workers, 1903-February 1917] Bolsheviki v bor'be za zhenskie proletarskie massy, 1903 g.-fevral' 1917 g. Moskva, Gos izd-vo polit lit-ry, 1959. 133 p.

V. I. Lenin, the organizer of the Communist Party of the Soviet Union. Blok agit. [Len.] no. 4 1-11 F '60.

RUSSO-GERMAN TREATY, 1939-

The 20th anniversary of the Molotov-Ribbentrop Pact and the beginning of the Second World War. R. Kas'tsiuk. Bel. zbor. 11:69-84 '59.

RUSSO-TURKISH WAR, 1877-1878

Russia and the liberation of Bulgaria ("The provisional Russian administration in Bulgaria, 1877-1879" by G. Todorov. Reviewed by K. L. Strukova). Nov i noveish. ist. no. 2:180-190 '60.

Story of a photograph, march through the Balkans. I. Akul'shin. Sov. foto 20 no. 2:46 F '60.

RUSTAVELI, SHOTA, fl. 1190

Megrelidze, Iosif. [Rustaveli and folklore] Rustaveli i fol'klor. Tbilisi, Gos. izd-vo "Sabchota sakartvelo," 1960. 309 p. [With summaries in Georgian.]

RUTCHENKOVO—COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Regulator of the consumption of blast-furnace gases, equipped with an automatic device correcting temperature changes. A. A. Bubentsova. Koks i khim. no. 7: 39 40 '60.

RUTHENIA see Transcarpathia

RUTHENIUM COMPOUNDS

Polarographic study of the reduction and oxidation of complex ruthenium chlorides on a platinum electrode. Zhur neorg khim 5 no 5:1068-1073 My '60

RUTULS

Materials on the ethnology of the Rutuls and the TSakhurs. M. M. Ikhilov. Krat. soob. Inst. etn. no. 33:23-30 '60.

RUZAYEVKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

With nonsalaried personnel. A. Topcheva. Part. zhizn' Kazakh. 30 no. 5:50-52 My '60.

RYAZAN—AGRICULTURAL MACHINERY

Broadcast seeder. P. Skotar'. Nauka i zhizn' 27 no. 7: 68 Jl '60.

RYAZAN—CLUBS

We are together with you. N. Preobrazhenskii and others. Klub 9 no. 5:7 My '60.

RYAZAN—EDUCATION, COOPERATIVE

Our pride. M. Kozlov. Prof.-tekh. obr. 17 no. 6:19 Je '60.

RYAZAN—NEWSPAPERS

From the editorial experience of "Sotsialisticheskii Donbass" and "Radians'ka Donechchina" in the city of Stalino, and "Priokskaia Pravda" in Ryazan. M. S. Cherepakhov. Vest. Mosk. un. Ser. 7: Filol., zhur. 15 no. 3:71-73 My-Je '60.

RYAZAN—RAILROADS—EMPLOYEES

Honorable title won by a workers' group. E. T. Veslova. Put' i put. khoz. 4 no. 4:4-6 Ap '60.

RYAZAN PROVINCE—AGRICULTURE

Ryazanskaya oblast'. Upravlenie sel'skogo khoziaistva. [Model norms for working out scientifically tested methods for making long-range and annual plans for the development of agriculture and collective and state farms of Ryazan Province] Primernye normativy dlia razrabotki nauchno-obosnovannykh sistem vedeniia perspektivnykh i godovykh planov razvitiia sel'skogo khoziaistva v kolkhozakh i sovkhozakh Riazanskoi oblasti. Moskva, 1960. 233 p.

RYAZAN PROVINCE—AGRICULTURE—STUDY AND TEACHING

Studying the experience of experimental school farms in Ryazan Province. Sov. Pedag. 24 no. 4:158-160 Ap '60.

RYBINSK DISTRICT—LIBRARIES, RURAL

Book hawkers. A. Konchaev. Bibliotekar' no. 7:27 Jl '60.

RYE

For the increase of grain yields by every possible means [with summary in English]. N. V. TSitsin. Izv AN SSSR. Ser. biol. no. 3:326-337 My-Je '60.

In defense of rye bread. Medkov. Khleb. i kond. prom. 4 no. 7:44 Jl '60.

Self-fertility of two rye varieties in different years of isolation. I. M. Surikov. Biul. Inst. biol. AN BSSR no. 3 225-228 '58.

Studying the effect of certain growing conditions, heterologous pollination, and double pollination on the setting of seeds in remote hybridization of wheat and rye. N. V. Turbin, V. N. Zagrekova. Biul. Inst. biol. AN BSSR no. 3 170-176 '58.

Variation of the incompatibility reaction in rye [with summary in English]. I. M. Surikov Zhur. ob. biol. 21 no. 4:270-278 Jl-Ag '60.

RYLOV, ARKADII ALEKSANDROVICH, 1870-1939

Fedorov-Davydov, A. A. Arkadii Aleksandrovich Rylov. Moskva, Sovetskii khudozhnik, 1959. 217 p.
(NN)

RYL'S'KYI, MAKSYM, 1895-

Poetical horizons. N. Tolchenova. Ogonek 38 no. 26:14 Je '60.

SAARE ISLAND—METEORS

Kaalijarv craters. I. L. Krinov Priroda 49 no. 7:55-60 Jl '60

SAARE ISLAND—PHYTOGEOGRAPHY

Fifth expedition of botanists from the Baltic States of the Soviet Union to Saare Island. L. R. Laasimer. Bot. zhur. 45 no. 5 778-782 My '60.

SACCHARIDES

Saccharide composition of the polysaccharide-containing fraction of the plague microbe. V D Egorova, I V Domaradskii. Izv Irk. gos nauch.-issl protivochum. inst 20 343-345 '59

SACHLIAN, RACH

Images of Georgian actors. Teatr 21 no 6 136-137 Je '60

SACRIFICE

Deer sacrifice among the Nganasany and the Entsy. B. O. Dolgikh. Krat. soob. Inst. etn. no. 33 72-81 '60.

SAFFRON

Effect of irrigation and mineral and organic fertilizers on the yield of saffron [in Azerbaijani with summary in Russian] I M Rzakuliev Uch zap AGU Biol ser no 1 3-8 '59

SAFONOV, VASILII IL'ICH, 1852-1918

"Vasilii Il'ich Safonov" by IA. Ravicher. Reviewed by K Grigor'ev. Sov. muz. 24 no. 6:197-198 Je '60.

SAFONOVO—COAL MINES AND MINING—HYGIENIC ASPECTS

Miners' wit. N. Kadanov. Okhr. truda i sots. strakh 3 no 6 28 Je '60

SAIANOV, VISSARION MIKHAILOVICH, 1903-

The voice of youth; remarks and recollections on Vissarion Saianov. Boris Solov'ev. Zvezda no. 6:208-216 Je '60.

SAIGA see subdivision under Alata-Burata region; Bet-Pak-Dala; Kyzyl Kum

SAINT EXUPERY, ANTOINE DE, 1900-1944

The prince and baobabs ("The little prince"; a tale by Antoine de Saint Exupery. Reviewed by V. Balashov). Inostr. lit. no. 7:265-266 Jl '60.

ST.-JOHN'S WORT

Properties of antibacterial substances from Hypericum perforatum L. [with summary in English]. N. A. Derbentseva, A. S. Rabinovych, S. I. Zelepukha. Dop. AN URSR no. 6:833-835 '60.

SAKHALIN—ALGAE

New algae hitherto unknown in Sakhalin. V. B. Vozzhinskaia. Bot. mat Otd. spor. rast. 13:119-128 '60.

Some endophytes found in the algae of Sakhalin. Pt. 1. V. B. Vozzhinskaia. Bot. mat. Otd. spor. rast. 13:128-130 '60.

SAKHALIN—COMMUNITY CENTERS

Here's a good place to relax. A. Kireev. Komsom. zhizn' no. 11:28 Je '60.

SAKHALIN—FLEAS

Seasonal changes in the number of fleas in gray rats of Sakhalin. K. V. Kon'kova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:101-105 '57.

SAKHALIN—FORAMINIFERA, FOSSIL

The genus Buccella Andersen and its species from the Neogene of Sakhalin. N. A. Voloshinova. Trudy VNIGRI no. 153:265-305 '60.

SAKHALIN—MICE

Appearance of house mice in the southern part of Sakhalin. K. V. Kon'kova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:130-131 '57.

SAKHALIN—ONIONS

Wild onions of Sakhalin and outlook for their introduction into cultivation [with summary in English]. T. A. Zimina, T N. Kriukova Bot. zhur. 45 no. 6:844-861 Je '60.

Khrishtofovich, A. N., and T. N. Baikovskaia. [Cretaceous flora of Sakhalin] Melovaia flora Sakhalina. Moskva, Izd-vo Akad. nauk SSSR, 1960 122 p , illus.

SAKHALIN—PAPER INDUSTRY

The paper industry workers in Sakhalin reply. V. Lobanov. Part. zhizn' no. 14:53-56 Jl '60.

SAKHALIN—PEAT BOGS

Vlastova, N. V. [Peat bogs of Sakhalin] Torfianye bolota Sakhalina. Moskva, Izd-vo Akad. nauk SSSR, 1960. 165 p.

SAKHALIN—RADIOLARIA, FOSSIL

Radiolarians of the middle and upper Miocene of northern Sakhalin. G. E. Kozlova. Trudy VNIGRI no. 153·307-325 '60.

SAKHALIN—TICKS

Types of ixodid ticks of Sakhalin and the Kurile Islands. N. A. Violovich. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:205-208 '58.

SAKHALIN PROVINCE see Sakhalin

SALAVAT—COMMUNIST YOUTH LEAGUE

Characteristics of the new. N. Rulev. Komsom. zhizn' no. 11·8-11 Je '60.

SALEKHARD REGION—SOIL MECHANICS

Engineering-geological analysis of Salemal strata in the Salekhard region V A Moshchanskii Trudy Gidroproekta 3 149-162 '60

SALES TAX see subdivision under White Russia

SALICYLALDEHYDE

Characteristic properties of salicylaldehyde semicarbazone used as a luminescent acid-base indicator. E. A. Bozhevol'nov, G. V. Serebriakova. Trudy IREA no. 23· 116-123 '59.

SALICYLIC ACID

Compound treatment of experimental tuberculosis with antibacterial drugs (streptomycin and paraaminosalicylic acid) and with a stimulator (muskulen). G. D Popov. Pat , klin i terap tub no 8 248-250 '58

Experimental investigation of the combined drug therapy of tuberculosis M. I. Taranenko Pat , klin. i terap tub no. 8:244-247 '58.

Treatment of tuberculosis of the eyes with antibiotics and with new drugs A. A. Bel'tiukova, N. D. Gogina Pat , klin i terap tub no. 8:218-221 '58

SALINE WATERS—ELECTRIC PROPERTIES

Electric conductivity as a characteristic of physicochemical properties of sea and river waters and a method for determining their salinity A. G. Ponsov Trudy GOIN no 49 189-198 '60

SALINITY

(see also subdivision under Volga Delta region)

Survival of shipworms of the Black Sea (Teredo navalis L.) in sea water of various salinity and temperature [with summary in English]. R. K. Kudinova-Pasternak. Zool. zhur. 39 no. 7·1003-1011 Jl '60.

SALIVA

(see also subdivision under Crimea)

Effect of various feeds on salivation in young pigs [with summary in English]. A. I. Arkhypovets' Fiziol zhur. [Ukr.] 6 no. 3 358-364 My-Je '60

Some peculiarities in the dynamics of nitrogenous substances in the rumen contents and saliva of lambs in ontogenesis A. V. Prokudin. Trudy Inst. fiziol. AN Kazakh SSR 2:8-12 '59.

SALIVARY GLANDS

Histological changes in the submaxillary salivary gland following transection of the tympanichord. I. D. Chernova. Biul. MOIP. Otd. biol. 65 no. 3·143-144 My-Je '60.

SALMON see subdivision under Yenisey River

SALMONELLA

Exact determination of serotypes of Salmonellas in the district laboratory. IU. I. Litinskii and others. Lab. delo 6 no. 3:39-41 My-Je '60.

SAL'NIK, STEPAN IVANOVICH, 1901-1960

Stepan Ivanovich Sal'nik. Koks i khim. no. 7:64 '60.

SAL'SK DISTRICT—BOARDING SCHOOLS

In search of new ways. M. Podpletnev Nar. obr no. 7· 89-93 Jl '60.

SAL'SK DISTRICT—SWINE

Let us fatten seven thousand swine. G. Nikulin, V. Tregubov Ekon sel'khoz 31 no 6 42-43 Je '60

SALT

Investigating the spectrum of energy losses of electrons in NaCl and KCl. A. IA. Viatskin, IU. D. Korniushkin. Izv. vys. ucheb. zav., fiz. no. 3·56-62 '60.

Letter to the editor V. I Kuznetsov Zhur. anal khim 15 no 2 250-252 Mr-Ap '60.

magnesium oxide, sodium chloride, sodium carbonate, and calcium oxide. I. I. Angelov, G. A. Pevtsov, M. M. Shvarts. Trudy IREA no. 23·31-39 '59.

Solubility in the system $Na_2SO_4 - NaHCO_3 - NaCl - H_2O$. G. V. Sukmanskaia, P. S. Bogoiavlenskii. Zhur. neorg. khim. 5 no 4:978-984 Ap '60.

SALT—PHYSIOLOGICAL EFFECT

Ontogenetic changes in the osmoregulating reflex [with summary in English]. L I Kurduban, IA D Finkinshtein Biul. eksp. biol i med 49 no. 1 17-20 Ja '60

SALT—SPECTRA

Spectrum analysis of potassium, calcium, and sodium chlorides in flux salts N L Fishkova, L N Komlev Zav lab 26 no 5 566-567 '60

SALT CRYSTALS

Jumplike displacement of dislocations in NaCl crystals. V. N. Rozhanskii, V M Stepanova Dokl AN SSSR 133 no. 4:804-806 Ag '60.

Microhardness of sodium chloride crystals. G. V. Shubin. Izv. vys. ucheb. zav., fiz. no. 3 3-8 '60.

Studying the effect of some factors on the microhardness of KCl and NaCl single crystals. IU. S. Boiarskaia and others. Kristallografiia 5 no. 1·98-104 Ja-F '60.

SALT DEPOSITS see subdivision under Caspian Sea region

SALT IN THE BODY

Salt load as a method of functional diagnosis in hypertension. S. S. Nevel'son. Vrach. delo no. 7·116-117 Jl '60.

SALT SOLUTIONS see Solution (Chemistry)

SALTS

Latent heat of fusion of some inorganic salts [with summary in English]. S V. Karpachev, E. M Karasik. Zhur. fiz. khim. 34 no. 5:1072-1076 My '60.

Removal of ultraminute quantities of heavy metal impurities from solutions of neutral salts to be used as polarographic background E N. Vinogradova, K. Iobst. Zav lab 26 no 7.796-797 '60

Study of the transformations of salts in hydrate form in solution by the method of electric conductivity [with summary in English]. B. F. Markov, N. Kh. Tumanova. Zhur. fiz. khim. 34 no. 7·1534-1542 Jl '60.

Symposium on salts of marine origin, held in the German Democratic Republic in 1958. N. S. Spiro. Inform. biul. NIIGA no. 14 7-8 '59.

Thermodynamic properties of fused salt mixtures. Part 1· Method of determining the composition of the saturated vapor over fused salts. Composition of the saturated vapor of the system potassium chloride-potassium bromide [with summary in English]. N. L. IArym-Agaev. Zhur. fiz. khim. 34 no. 7 1556-1561 Jl '60.

SALTS—THERMAL PROPERTIES

Thermal conductivity of nonaqueous salt solutions. Part 2 [with summary in English]. F. G. El'darov. Zhur. fiz. khim. 34 no. 7·1414-1419 Jl '60.

SALTWORT

Seasonal development and productivity of wormwood and saltwort associations in the lowland pastures of northern Daghestan. I. F. Musaev. Bot. zhur. 45 no. 7:1011-1025 Jl '60.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

The ethical views of M. E. Saltykov-Shchedrin. K. A. Shvartsman. Sbor. trud. MZPI no. 6:103-119 '58.

On the history of M E. Saltykov-Shchedrin's chronicle novel "The wise man of Gotham" K I Sokolova Uch zap Ped. inst Gerts. 210 81-110 '59

SALVAGE (WASTE, ETC.)

Storeroom of material wealth. V. Popov. Prom. koop. 14 no. 6:33-34 Je '60.

Utilizing nitrogen oxides from the waste products of some manufactures. V. I. Atroshchenko and others. Khim. prom. no. 1.79-80 Ja-F '60.

SALVES see Ointments

SALZBURG, AUSTRIA—MUSIC FESTIVALS

The Leningrad Opera Studio in Salzburg E. Kaplan. Sov. muz. 24 no. 6 47-54 Je '60.

SAMARIUM OXIDE

Systems $BeO - Sm_2O_3$ and $BeO - Gd_2O_3$. S G Tresviatskii, V I. Kushakovskii, V S Belevantsev Atom energ. 9 no 1 54-55 Jl '60

SAMARKAND PROVINCE—MURDER

One of the best. V. Korolenko. Sots. zakon. 37 no. 6· 74-75 Je '60.

SAMARRA, IRAQ—DESCRIPTION

At the walls of ancient Samarra. G. Drambiants. Sovr. Vost. no. 7:38-39 Jl '60.

SAMGAR REGION—PORPHYRY

Quartz porphyries of Samgar as an example of conjugate intrusions and effusions. O. P. Eliseeva. Trudy IGEM no 27:78-91 '60.

Deer sacrifice among the Nganasany and the Entsy. B. O. Dolgikh. Krat. soob. Inst. etn. no. 33:72-81 '60.

SAN JOSE SCALE

Golovin, A. G. [San Jose scale and ways of controlling it] Pedukele kaliforniian shi kombaterla lui. Kishineu, Editura de stat "Kartia Moldoveniaske," 1959. 58 p. [In Moldavian.]

SANASINE

Treatment of tuberculosis of the eyes with antibiotics and with new drugs A. A Bel'tiukova, N D Gogina Pat., klin i terap tub no 8 218-221 '58.

SANATORIUMS

(see also subdivision under Pushkino, Sochi)

Some errors in the selection of patients for sanatorium-health resort treatment. V. F. Petrov. Voen.-med zhur. no. 6 43-45 Je '60.

SAND

(see also subdivision under Kara Kum; Kyzyl Kum)

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Izd. 2., perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr.

No. 2. Ramzes, B. IA., and N. N. Zubarev. [Quartz sand] Pesok kvartsevyi. Nauchn. red. IU. L. Chernosvitov, 1955. 55 p.

Using ceramic filters in boreholes with a high fine-grained sand content V. V Shimanovskii Razved i okh nedr 26 no 5 41-44 My '60

Using geophysical methods for studying the porosity of water logged sands. V. S. Polevoi. Biul. MOIP. Otd. geol. 35 no. 1:129-130 Ja-F '60.

SAND—DENSITY

Relative density of sands. V. V. Rodina. Trudy Gidroproekta 3·163-170 '60

SAND—TESTING

Dynamic compression testing of saturated sand. I. A. Sazykin. Transp. stroi. 10 no. 7:39-41 Jl '60.

Investigating technological parameters and sands used in producing cement-sand roofing tiles. K. S. Kutateladze, K. B. Tandilova Stroi. mat 6 no. 7:33-35 Jl '60.

SAND, FOUNDRY

(see also subdivision under Vetluga)

Chilling molding mixtures by means of cast iron shot. N. D. Egorkina. Lit. proizv. no. 7·40-41 Je '60.

New molding mixture, preventing sand burning. R. G. Guraril. Lit. proizv. no. 7:37 Je '60.

Preparing facing sand in model 115 pug mills. N. V. Shtengel'meier. Lit. proizv. no. 7:36 Je '60.

SAND AND GRAVEL PLANTS see subdivision under Kremenchug region; United States, Vyshne-Volotsk District

SAND AND GRAVEL PLANTS—EQUIPMENT AND SUPPLIES

Modern methods for extracting and processing rock materials. S. I. Kop'ev. Mekh. stroi. 17 no. 7:3-8 Jl '60.

The over-all mechanization and automation of the extraction and processing of rock materials. Mekh. stroi. 17 no. 7:1-2 Jl '60.

SAND CLEANING see subdivision under Uyar

SAND-LIME PRODUCTS

Power-activated vibration rolling. V. Riabchenko, L. Nepomniashchii. Stroi. i arkhit. Mosk. 9 no. 7:20-23 Jl '60.

SANDING MACHINES see subdivision under United States

SANDWORTS

A survey of the genus Honckenya Ehrh. E. G. Pobedimova. Bot mat. Gerb 20:142-162 '60

SANGARDAK VALLEY—LANDSLIDES

A few words about landslides in the Sangardak Valley. A. Shirmukhamedov. Izv. Uzb. fil. Geog ob-va 4. 109 '60.

SANITARY ENGINEERING

(see also subdivision under Ukraine)

Made of flat vibrated panels A. Birger, A. Klopovskii Stroi i arkhit Mosk 9 no. 5·32-33 My '60.

Prefabricated mesh-reinforced concrete sanitary-engineering units. IA. Kaplanskii. Stroitel' no. 6:23 Je '60.

Vainberg, M. S. [Planning of general schemes for city sanitation] Proektirovanie general'nykh skhem sanitarnoi ochistki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 142 p.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—STANDARDS
Changes in standards. Vod i san tekh no 7:27-20 Je '60.
In the State Committee on Construction of the Council of Ministers of the U.S.S.R.: New standards for sanitary engineering equipment. Vod i san tekh no 7 [illegible] '60.

SANKO, GALINA
Galina San'ko takes pictures. IA. Gik. Sov foto 20 no. 1:16-19 Mr '60.

SANTONIN see subdivision under Azerbaijan

SAP
Variations in the composition of free amino acids in the roots and bleeding sap of buckwheat during different phases of development. L.S. Avundzhian. Izv. AN Arm. SSR. Biol. nauki 13 no. 2:3-10 F '60.

SAPONIFICATION
Saponification of tetraethylacetals of β-dicarbonyl compounds, and certain ways of utilizing the compounds thus formed. V.I. Lucherov, I.A. IAnovskaia, B.G. [illegible]. Dokl. AN SSSR 133 no. 2:370-373 Jl '60.
Studies in the field of the saponification of borneol and isoborneol esters. Report No. 1: Kinetics of the alkaline saponification of borneol and isoborneol esters in alcohol-water solutions. I.A. Kalinovskaia, G.A. Rudakov, [illegible] Gidroliz. i lesokhim. prom. 13 no. 1:1-3 '60.

SAPROPELS
Korde, N.V. [Biostratigraphy and types of Russian sapropels] Biostratifikatsiia i tipologiia russkikh sapropelei. Moskva, Izd-vo Akad. nauk SSSR, 1960. 218 p.

SAPROPELS—TRANSPORTATION
Free-flow transportation of silty pulp in canals and slides. P.D. Lomin. Gidr. i mel. 12 no. 6:11-18 Je '60.

SARANSK—MANUFACTURES
Everybody fulfills the norm. A. Veretennikov. Prom. koop. 14 no. 6:27 Je '60.

SARANSK—PARACHUTING
Parachutist training for target jumping. V. Martynkin. Kryl. rod. 11 no. 6:10-11 Je '60.

SARATOV—MUSICAL SOCIETIES
With songs from Saratov. M. Grib. Sov. muz. 24 no. 7:160-170 Jl '60.

SARATOV PROVINCE—AGRICULTURE—TECHNOLOGICAL INNOVATIONS
Skilled worker Ivan Bolchonov. N. Karpukhin. Izobr. i rats. no. 4:39-40 Ap '60.

SARATOV PROVINCE—CONSTRUCTION INDUSTRY
Saratov builders in the struggle to fulfill the plan for the second year of the seven-year plan ahead of time. N. Ershov. Prom. stroi. no. 6:8-15 Je '60.

SARATOV PROVINCE—SOIL TEMPERATURE
Temperature cycle of soils in Saratov Province when air temperature is above that of the earth. F.A. Dolzhikov. [illegible] no. 11:140-153 '59.

SARY-BULAK (KAZAKHSTAN)—BATHS, MOOR AND MUD
Treatment of residual manifestations of poliomyelitis in children with Sary-Bulak mud. I.U. Uvazakov and others. Zdrav. Kazakh. 18 no. 1:36-41 '58.

SAKKERAN—CONSTRUCTION INDUSTRY
In the mountains of the Lesser Caucasus. K. Kasumov. [illegible] 16 no. 9:25-26 My '60.

SATELLITES, ARTIFICIAL see Artificial satellites

SATKA VALLEY—METALLURGICAL PLANTS
The first ferroalloy producing plant is 50 years old. P.I. Murzev. Metallurg 5 no. 7:16-17 Jl '60.

SATYLGANOV, TOKTOGUL, 1864-1933
Bogdanova, M.I. [Toktogul Satylganov; an account of his life and works] Toktogul Satylganov; kritiko-biograficheskii ocherk. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 109 p.

SAUSSURE, HORACE-BENEDICT DE, 1740-1799
Horace-Benedict de Saussure. A.Kh. Khrgian. Vop. ist. est. i tekh. no. 9:111-116 '60.

SAVIN, V.A.
V.A. Savin and the folk song. A.K. Mikushev. Ist.-filol. sbor. no. 1:177-188 '58.

SAVINSKOYE REGION (TRANSBAIKALIA)—AXINITE
Axinite from the No. 5 Savinskoye deposit in eastern Transbaikalia. K.S. Taldykina. Zap. Vses. min. ob-va 89 no. 2:227-231 '60.

SAW FILING
Improved machine for setting the teeth of frame saws. S.M. Finkel'shtein. Der. prom. 9 no. 5:26 My '60.
Semiautomatic device for saw filing. A. Kuznetsov, V. Kuzelev, V. Demashov. Shkola i proizv. 4 no. 6:76-84 Je '60.

SAWMILLS
Tarasov, V.M. [Antifriction bearings used in sawmill and woodworking equipment; handbook] Podshipniki kacheniia lesopil'no-derevoobrabatyvaiushchego oborudovaniia, spravochnik. Moskva, Goslesbumizdat, 1959. 110 p.

SAWMILLS—STANDARDS
Circular-saw mills for lateral sawing of lumber. M.S. Rudnik. Standartizatsiia 24 no. 7:34 Jl '60.

SAWWART see subdivision under Asia, Central

SAWS
Attachment for a sawing machine unit. D. Kovalev. Mast. ugl. 9 no. 7:14 Jl '60.
Preparing saws for the T-02 and P-04 multiple sawing machines. IU.S. Ginzburg. Der. prom. 9 no. 7:22-23 Jl '60.
Roller device restricting the vibrations of the saw disk (from "Holztechnik," no. 12, 1959). Der. prom. 9 no. 7:30 Jl '60.

SAXIFRAGE see subdivision under Tunkinskiye Gol'tsy

SAYAN MOUNTAINS—BOTANY
Rare plants from the Eastern Sayans. L.I. Malyshev. Bot. mat. Gerb. 20:405-408 '60.

SAYAN MOUNTAINS—DESCRIPTION AND TRAVEL
Sayan sketches. B. Zhukovskii, IU. Krivonosov. Vokrug sveta no. 6:33-35 Je '60.

SAYAN MOUNTAINS—PALEOBOTANY
Studying the middle Devonian flora of the Sayan-Altai mountain region [with summary in English]. A.R. Anan'ev. Bot. zhur. 45 no. 5:649-666 My '60.

SAYAN MOUNTAINS—PINE
Erroneous opinion about the occurrence of Pinus pumila (Pall.) Rgl. in the Sayans. L.I. Malyshev. Bot. zhur. 45 no. 5:737-739 My '60.

SCABIES
Treating [illegible] with benzene hexachloride. A.N. Kadenatsii, IU.N. Burtseva. Trudy Inst. zool. AN Kazakh. SSR 12:241-243 '60.

SCALE INSECTS see subdivision under Transcarpathia

SCANDIUM see subdivision under Lyangar region (Uzbekistan)

SCARABAEIDAE see subdivision under Kirghizistan

SCARLET FEVER
Immunohemolytic [illegible] of scarlet fever. G.N. Grekova. Vop. okh. mat. i det. 5 no. 4:70-71 Jl-Ag '60.
Thymol-veronal test in scarlet fever, diphtheria, and infectious mononucleosis. N.M. Pestrikova. Kaz. med. zhur. 40 no. 5:49-51 S-O '59.

SCATTERING (PHYSICS)
Calculating scattering phase shifts [with summary in English]. V.K. Peterson. Zhur. eksp. i teor. fiz. 38 no. 5:1521-1527 My '60.
Coulomb scattering of charges in a strong magnetic field [with summary in English]. IU.N. Barabanenkov. Zhur. eksp. i teor. fiz. 38 no. 5:1512-1514 My '60.
Direct restoration of the amplitude of elastic scattering. G.I. Kopylov, Z.D. Lomakina. Zhur. eksp. i teor. fiz. 38 no. 5:1640-1651 My '60.
Scattering by a singular potential in the perturbation theory, and in pulse representation [with summary in English]. IA.B. Zel'dovich. Zhur. eksp. i teor. fiz. 38 no. 3:819-824 Mr '60.
Taking into account structural features of the apparatus in studying scattering. E.R. Arutiunian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6:109-120 '59.

SCHEDULES, SCHOOL
Schools with longer hours. Sov. pedag. 24 no. 5:3-7 My '60.

SCHERBAKOV, DMITRII IVANOVICH, 1893-
Among rocks and sand. D. Shcherbakov. Sov. foto 20 no. 2:30-31 F '60.

SCHIFF BASES
Catalytic condensation of Schiff bases, synthesized from p-aminobenzoates and aromatic aldehydes, with aromatic ketones. N.S. Kozlov, V.D. Pak. Zhur. ob. khim. 30 no. 7:2400-2402 Jl '60.

SCHIZOPHRENIA
Diagnosis of schizophrenia by means of the complement fixation reaction. M.L. Averbukh and others. Lab. delo 6 no. 3:6-10 My-Je '60.
Role of the puerperal factor in the development of the schizophrenic process. A.A. Abaskuliev. Uch. zap. AGU. Biol. ser. no. 1:65-69 '59.
Vascular reactions in schizophrenics during aminazine treatment [with summary in English]. V.M. Bleikher, D.A. Brandas, R.I. Zolotnyts'kyi. Fiziol. zhur. [Ukr.] 6 no. 3:400-404 My-Je '60.

SCHOOL CHILDREN see subdivision under Altai Territory; Bukhara; Murmansk

SCHOOL DISCIPLINE
Be worthy of the times! D. Molotov. Prof.-tekh. obr. 17 no. 5:26-28 My '60.
Do not make hasty decisions. S. Volkov. Grazhd. av. 17 no. 5:25 My '60.
Follow-up on unpublished letters. Sem'ia i shkola 15 no. 6:18 Je '60.

SCHOOL EXCURSIONS
(see also subdivision under Moscow)
Method of excursions for the study of plants in a Pioneer camp. M.I. Badiagina. Biol. v shkole no. 3:47-50 My-Je '60.
The ways of youth. V. Grandova. Sem'ia i shkola 15 no. 5:15-16 My '60.

SCHOOL GARDENS
Children's vegetable garden. F. Devochkin. Doshk. vosp. 33 no. 5:70-76 My '60.
Dwarf fruit culture in school. P.P. Maksimov. Biol. v shkole no. 3:77-79 My-Je '60.
Landscape garden and the way to lay it out. I. Ignat'eva. Doshk. vosp. 33 no. 5:77-85 My '60.
Observing local nature. L.N. Kovaleva. Doshk. vosp. 33 no. 5:37-39 My '60.
A useful book ("Training experiments in a school garden for fifth grade students" by M.S. Fateeva. Reviewed by A.N. Kazanskii). Biol. v shkole no. 3:85-86 My-Je '60.

SCHOOL GARDENS—BIBLIOGRAPHY see Bibliography—School gardens

SCHOOL HYGIENE
Grombakh, S.M. [Class hygiene in school] Gigiena uchebnykh zaniatii v shkole. Moskva, Medgiz, 1959. 122 p.
(DNLM)
Scientific conference on school hygiene. G. Serbin. Sem'ia i shkola 15 no. 6:43 Je '60.
Zverev, I.D. [Use of anatomical and physiological knowledge by students in practical activity] Primenenie uchashchimisia anatomo-fiziologicheskikh znanii v prakticheskoi deiatel'nosti. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 89 p.

SCHOOL HYGIENE—CONGRESSES
Conference on school hygiene. G. Serbin. Sov. pedag. 24 no. 4:151-154 Ap '60.

SCHOOL LIBRARIES
Editor's mail. Sem'ia i shkola 15 no. 5:31-32 My '60.
Role of a library in the education of students. E.G. Ivanova. Sred. spets. obr. 7 no. 6:34-36 Je '60.

SCHOOL LUNCHROOMS, CAFETERIAS, ETC. see subdivision under Bratislava

SCHOOL MANAGEMENT AND ORGANIZATION
Some means for the protection of school children. L.O. Pyvovarov. Rad. shk. 39 no. 7:60-65 Jl '60.
Train school personnel carefully. F. Isaichenkov. Prof.-tekh. obr. 17 no. 5:14-15 My '60.

SCHOOL SUPERINTENDENTS AND PRINCIPALS
Follow-up on unpublished letters. Sem'ia i shkola 15 no. 6:18 Je '60.

SCHOOL SUPERVISION
Smirnov, L.A. [Inspection of the department of public education and the schools] Inspektirovanie otdela narodnogo obrazovaniia i shkoly. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1959. 141 p.

SCHUMANN, ROBERT ALEXANDER, 1810-1856
(Continued)

Rebellious dreamer. K Petrenko Ukraina no 11 17 Je '60

Robert Schumann. D. Zhitomirskii. Kul't. i zhizn' 4 no 6,58-59 '60

Schumann and the Russian school D. Zhitomirskii. Sov. muz. 24 no. 6:55-64 Je '60

SCHUMERIA see subdivision under Asia

SCIENCE
(see also subdivision under Czechoslovakia, Siberia)

Around the world. Tekh. mol. 28 no. 5:30-31 '60.

Fifth Conference of Graduate Students and Junior Scientists of the Institute of the History of Science and Technology of the Academy of Sciences of the U.S.S.R. Vop. ist. est. i tekh. no. 9:166-167 '60.

The great genius of learning. A. Arnol'dov. Otv. na vop. trud. no. 113:10-17 '60.

In the laboratories and institutes of our country. Tekh. mol. 28 no. 6:23 '60.

A little about everything Nauka i zhizn' 27 no. 5 70 71 My '60

A little bit about everything. Znan. sila 35 no. 5:36-37 My '60.

Pocket-size books and the wide world. P. Robinder. Tekh. mol. 28 no. 6:34 '60.

Present and future of science; six questions answered by Academician. A. N. Nesmeianov. Tekh. mol. 28 no. 6: 16-17 '60.

Some results and objectives in the development of the history of science and technology in the U.S.S.R. in the light of the decisions of the Twenty-first Congress of the CPSU. N. A. Figurovskii. Vop. ist. est. i tekh. no. 8: 7-17 '60.

Today and tomorrow of science and technology. A. Sysoev. Znan. sila 35 no. 7:46 Jl '60.

V. I. Lenin and science. S. L. Sobolev. Izv. Sib. otd. AN SSSR no. 5:3-12 '60.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES

Conference of Soviet historians of science and technology. Vop. ist. est. i tekh. no. 9:3-6 '60.

Science and the development of world economy. P. Bikai. Mir nauki no. 7:47 '59.

SCIENCE—HISTORIOGRAPHY

In the learned council of the Institute of History of Science and Technology of the Academy of Sciences of the U.S.S.R. T. F. Bedretdinova. Vop. ist. est. i tekh. no. 9:165-166 '60.

SCIENCE—INTERNATIONAL COOPERATION
(see also subdivision under Ukraine)

Peaceful fronts. I. Fridman. Znan. sila 35 no. 5:11-15 My '60.

SCIENCE—METHODOLOGY

Scientific bases of technical education. H. Levy. Mir nauki no. 7:1-6 '59.

SCIENCE—MISCELLANEA

Around the world. Tekh. mol. 28 no. 6:38-39 '60.

A little bit about everything. Nauka i zhizn' 27 no. 6: 70-71 Je '60.

A little bit about everything. Nauka i zhizn' 27 no. 7: 70-71 Jl '60.

On the pages of foreign journals. Priroda 49 no. 7:116-117 Jl '60.

Problems, discoveries, facts Ogonek 38 no. 22 29 My '60.

"Unsolved mysteries" by G. Golubev. Reviewed by D. Vasil'ev. IUn. tekh. 4 no. 5:28-29 My '60.

SCIENCE—MISCELLANEA—BIBLIOGRAPHY see Bibliography—Science—Miscellanea

SCIENCE—PERIODICALS

Open letter to the editorial board of "Voprosy istorii estestvoznaniia i tekhniki." V. N. Sukachev, E. N. Pavlovskii, P. A. Baranov. Vop. ist. est. i tekh. no. 9:167-168 '60.

SCIENCE—PHILOSOPHY

Ceremonial general assembly of the Department of Biological Sciences of the U.S.S.R. Izv. AN SSSR. Ser. biol. no. 3:479 My-Je '60.

"Darwin, Darwinism, and philosophy" by G V Platonov Reviewed by A Ignatov Nauka i zhizn' 27 no 5 74 My '60.

Lenin on science. Dop. AN URSR no. 3:267-271 '60

The light of Lenin's ideas; on the 90th anniversary of V. I. Lenin birth. R. E. Kavets'kyi Fiziol. zhur. [Ukr.] 6 no. 3:287-292 My-Je '60

"Natural sciences and philosophy" [In German]. Reviewed by E. M. Chudinov. Vop. filos. 14 no. 7:182 '60.

V. I. Lenin and some problems in the philosophy of natural science. S. S. Andreenko. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no. 3:3-5 My-Je '60.

V. I. Lenin and the natural sciences. S. L. Sobolev. Vop. filos. 14 no. 7 15-23 '60.

V. I. Lenin's ideas in the development of modern biology. IA Kh. Turakulov. Uzb. biol. zhur. no. 3:3-8 '60.

SCIENCE—SOCIETIES, ETC.

Contribution of scientists to the progress of science in the whole world. Mir nauki no. 7:30 '59.

SCIENCE—STUDY AND TEACHING

A book by a teacher from the Amur Valley ("Working with popular science literature in eight-year schools" by A. Alekseev. Reviewed by K. Zhurbitskii) Nar obr no 7.121 Jl '60.

SCIENCE FICTION

From the editors Novyi mir 36 no 6 229-231 Je '60

Literature on the future I Berezark Zvezda no 5 200-206 My '60

On earth, on water, and in the air. L. Parnov, E. Glushchenko. Vsem. stud. nov. 14 no. 3/4:13-14 Mr-Ap '60.

Various roads IA Smorodinskii Novyi mir 36 no 6. 227-229 Je '60

SCIENCE FICTION—TECHNIQUE

The fantastic difficulties of science fiction. S. Poltavskii. Vop. lit. 4 no. 8:170-192 Ag '60.

A life should not be arbitrarily divided. A. Sharov Novyi mir 36 no 6 224-227 Je '60

SCIENCE NEWS

Good luck! I. Fridman. Nauka i zhizn' 27 no. 7:50 Jl '60.

A little bit about everything. Znan. sila 35 no. 7:26-27 Jl '60.

News from abroad. Nauka i zhizn' 27 no 7:69 Jl '60.

Revisions brought about in a single decade, 1950-1960. Znan. sila 35 no. 7:16 Jl '60.

SCIENTIFIC APPARATUS AND INSTRUMENTS
(see also subdivision under France)

International inventory of scientific apparatus of historical importance. Vop. ist. est. i tekh. no. 9:195-196 '60.

SCIENTIFIC APPARATUS AND INSTRUMENTS—EXHIBITIONS

Laboratory instruments at the Exhibition of the Achievements of the National Economy. V. I. Rakhovskii. Zav. lab. 26 no. 6:774-776 '60.

SCIENTIFIC DISCOVERIES AND LAW

Serebrovskii, V. I. [Legal protection of scientific discoveries in the U.S.S.R.] Pravovaia okhrana nauchnykh otkrytii v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1960. 71 p.

SCIENTIFIC EXPEDITIONS

On Easter Island. A. V. Zhivago. Nauka i zhizn' 27 no. 7:41-49 Jl '60.

Presents from the "Vitiaz'." I. Sosnovskii Ogonek 38 no 22 33 My '60

SCIENTISTS

"Art of popularization" by E A Lozarevich Reviewed by K Ivanova Nauka i zhizn' 27 no 5 75 My '60

Noteworthy dates in science and technology. Shkola i proizv. 4 no. 6:90 Je '60.

SCIENTISTS—CONGRESSES

Scientists' warning ("Pugwash means peace" by V. Buzuev, V. Pavlichenko. Reviewed by A. Shayl'ko). Nauka i zhizn' 27 no. 7:72-73 Jl '60.

SCINTILLATION (PHYSICS)

Plastic scintillators with additions of aryl-substituted pyrazolines. L. I. Nagornaia and others. Prib. i tekh. eksp. no. 2,49-50 Mr-Ap '60

SCINTILLATION COUNTERS

Scintillation counter for recording X radiation. B. N. Vostichev and others. Prib. i tekh. eksp. no 2 51-56 Mr-Ap '60

SCLEROSIS, MULTIPLE see Multiple sclerosis

SCRAP METALS

New method of preparing tangled wire for use in the burden. IU. A. Kalachov. Metallurg 5 no. 7 20 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Cast iron and secondary ferrous metals] Chuguny i vtorichnye chernye metally. Izd. ofitsial'noe. Moskva, 1959. 167 p.

SCRAPERS

Letter to the editor. E. I. Nemirovskii, V. A. Fedoruk. Stroi. i dor. mashinostr. 5 no. 7:3 of cover Jl '60.

Linitskii, V. G., and K. I. Kravtsov. [The KSTI-20 scraper] Skrebkovyi konveier KSTI-20. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 58 p. (Novaia gornaia tekhnika)

SCREENS (MINING)

New screens. G. G. Velikii, G. H. Il'iashenko. Put' i put. khoz. 4 no. 6:31 Je '60.

SCREW CUTTING

Gliass, V. D. [Screw thread grinding] Rez'boshlifovanie. Pod obshchei red. G. F. Kudriavtseva. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. [illegible] p. (Bibliotechka shlifoval'shchika, no. 7)

SCREW-CUTTING MACHINES

Ratchet type screw die. [illegible] Mashinostroitel' no. 7:27 Jl '60

SCREW CUTTING MACHINES—TESTING

Kinematometer for screw cutting machines. IU. M. Andrushkevich and others. Izm. tekh. [illegible] Jl '60.

SCROLLS, DEAD SEA see Dead Sea scrolls

SCULPIN see subdivision under [illegible] River, Soviet Central Asia

SCULPTURE

Beauty and concrete. A. Rozanov. Znan. sila 35 no. 6:20-21 Je '60

SCULPTURE, ARMENIAN

Sculpture in Soviet Armenia during the years 1920-1930 [in Armenian with summary in Russian]. M. [illegible]. Ist.-filol. zhur. no. 4:24-45 '59.

SCULPTURE, GREEK see subdivision under Olbia (Borysthenes)

SCULPTURE, MEXICAN

Sculpture of ancient Mexico. IU. Lebedev. Iskusstvo 23 no. 6:60-67 '60.

SEA ICE
(see also subdivision under Volga Delta region)

Accretion of sea ice. IU. P. Doronin. Probl. Arkt. i Antarkt. no. 1:73-80 '59.

SEA ICE—THERMAL PROPERTIES

Experimental determination of the heat capacity and thermal conductivity of sea ice. IU. L. Nazintsev. Probl. Arkt. i Antarkt. no. 1 65-71 '59.

SEA WATER

Processing of sea water by the acidification method. N. A. Malinovskii. Elek. sta. [illegible] no. 4 44-45 Ap '60.

SEA WATER—ANALYSIS

Studying the evolution of the [illegible] waters. N. B. Spiro. Inform. biul. [illegible] '59.

SEA WATER—OPTICAL PROPERTIES

Modern instruments for hydro-optical investigations. M. V. Kozlianinov. Biul. Okean. kom. [illegible] '60.

SEALS (ANIMALS)
(see also subdivision under Antarctic regions, Caspian Sea; Tyuleniy Island)

One more puzzle of the Antarctic. [illegible] 49 no. 7:114 Jl '60.

SEALS (NUMISMATICS)

Hatiloo's seals. Y. I. [illegible] 270-275 '60.

SECTS
(see also subdivision under [illegible])

Fanatics (to be continued). IU. Klarov. [illegible] 37 no. 6:67-69 Je '60.

Why our country prohibits the work of [illegible] '60.

SEDGES

Key for the identification of [illegible] T. V. Egorova. Bot. zhur. [illegible]

SEDIMENTS (GEOLOGY)
(see also subdivision under Amu Darya Valley, Bol'shaya Romanikha Valley, Siberian Platform, Crimea)

Genetic [illegible] sediments [illegible] distribution of trace elements [illegible]. Biul. MOIP. Otd. geol. [illegible]

Glauconite-bearing sediments of [illegible] Vest. Mosk. un. [illegible] My-Je '60.

SEED INDUSTRY—EQUIPMENT AND SUPPLIES

Tol'chinskii, F. M. [Design and assembly of plant and shop equipment for processing hybrid and high grade corn seeds] Konstruktsii [illegible] zavodov i tsekhov po [illegible] semian kukuruzy. Moskva, [illegible] 1959. 231 p.

SEED PRODUCTION

Savel'ev, N. M. [Biological principles underlying the cultivation of alfalfa for seed production in Western Siberia] Biologicheskie [illegible] v Zapadnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR, 1960. 350 p.

[Certified seeds for every farm] Kazhdomu khoziaistvu--sortovye semena. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1958. 25 p.
(DA)

Coating of seeds in agriculture. O.A.Krotova. Shkola i proizv. 4 no.6:59-61 Je '60.

Effect of γ-rays and neutrons on dry seeds of agricultural plants. S.A.Valeva. Biofizika 5 no.3:362-365 '60.

Interaction between lipoids and proteins of oil-bearing seeds during the extraction of oil. V.P.Rzhekhin, N.I.Pogonkina. Masl.-zhir.prom. 26 no.7:17-19 Jl '60.

Pretreatment and supplementary nutrition for seeds as a factor in raising carrot yields. G.I.Shchibria. Trudy VNIVI 6:180-184 '59.

Yields and quality of larch seeds in the Lindulovo Grove. O.M.Kolpikov. Bot.zhur. 45 no.5:730-732 My '60.

SEEDS—ANATOMY

Comparative study of aleurone tissues in the caryopsis of cultivated and wild gramineous plants [with summary in English]. L.I.Vigorov. Biul.MOIP.Otd.biol. 65 no.1:101-108 Ja-F '60.

SEEDS—CATALOGS

[List of seeds offered for exchange by the Botanical Garden of the Academy of Sciences of the Kirghiz S.S.R.] Spisok semian, predlagaemykh v obmen Botanicheskim sadom AN Kir.SSR no.11 '60.
(DA)

SEGEZHA—HYDROLYSIS

Introducing automatic control for the stabilization of hydrolysis processes. I.I.Korol'kov and others. Gidroliz. i lesokhim.prom. 13 no.4:11-14 '60.

SEGEZHA—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES

Regulator of pulp concentration equipped with an induction pickup. V.L.Vitel's. Bum.prom. 35 no.6:16-18 Je '60.

SEGOVIA, ANDRES, 1894-

"A letter to my biographer." A.Segovia. Sov.muz. 24 no.6:128-130 Je '60.

SEISMIC PROSPECTING

Device for use in boreholes to generate different types of elastic waves by impact. O.I.Kovalov, L.V.Molotova. Izv.AN SSSR.Ser.geofiz. no.7:950-960 Jl '60.

Magnitude of the velocity ratio of longitudinal and transverse waves in rocks. Report No.1. L.V.Molotova, IU.I.Vasil'ev. Izv.AN SSSR.Ser.geofiz. no.7:939-945 Jl '60.

SEISMIC WAVES

Nature of discontinuities in hodographs of refracted waves. Sh.S.Ragimov. Dokl.AN Azerb.SSR 16 no.4:337-339 '60.

Using perforated materials for two-dimensional seismic modeling. P.G.Gil'bershtein, I.I.Gurvich. Izv.vys.ucheb.zav.; geol.i razv. 3 no.1:139-150 Ja '60.

SEISMOMETRY

Propagation velocity of longitudinal waves in granular media. F.M.Linkhovitskii. Trudy Gidroproekta 3:310-325 '60

Seismoacoustic study of the monolithic properties of hard and semihard rocks. V.I.Koptev. Trudy Gidroproekta 3:299-303 '60.

Use of seismic sounding in exploratory operations. O.G.Sorokhtin. Trudy Gidroproekta 3:291-298 '60.

SELENGA VALLEY—ILMENITE

Ilmenite-magnetite ores in the arsent'yevo deposit and mineral formation in them. A.I.Perelygina, S.M.Smirnov. Izv.vys.ucheb.zav.;geol.i razv. 3 no.4:75-85 Ap '60.

SELENGA VALLEY—MAGNETITE

Ilmenite-magnetite ores in the Arsent'yevo deposit and mineral formation in them. A.I.Perelygina, S.M.Smirnov. Izv.vys.ucheb.zav.;geol.i razv. 3 no.4:75-85 Ap '60.

SELENIOUS ACID

Reactions of selenious acid and potassium selenite with potassium chloroplatinite and chloroplatinate. G.V.Derbisher. Zhur.neorg.khim. 5 no.7:1441-1444 Jl '60.

SELENIUM

Diffusion of mercury atoms into selenium. M.V.Reznik, M.I.Korsunskii. Izv.vys.ucheb.zav.;fiz. no.3:107-111 '60.

Effect of selenium and tellurium on the catalytic action of silver in the oxidation of ethylene. V.E.Ostrovskii, N.V.Kul'kova, A.D.Nadbaeva. Dokl.AN SSSR 133 no.4:875-877 Ag '60.

Influence of methionine on the distribution of Se^{75} in the organs and its renal excretion in healthy rats and in animals with sarcoma 45 [with summary in English]. N.M.Fil'chagin. Pat.fiziol.i eksp.terap. 4 no.3:46-49 My-Je '60.

Luminescence properties of selenium-activated zinc oxide. L.IA.Markovskii, N.S.Orshanskaia. Opt.i spektr. 9 no.1:77-82 Jl '60.

ying the elasticity of saturated vapors of the system Se - Te. G.B.Abdullaev, M.G.Shakhtakhtinskii, A.A.Kuliev. Dokl.AN Azerb.SSR 16 no.3:219-222 '60.

SELENIUM—ANALYSIS

Determination of certain microimpurities in high-purity selenium. Report No.3 [with summary in English]. O.E.Zviagintsev, V.I.Mendeleeva. Zhur.anal.khim. 15 no.3:325-328 My-Je '60.

Microdetermination of selenium in organic compounds containing chlorine, bromine, and sulfur. A.S.Zabrodina, A.P.Khlystova. Vest.Mosk.un.Ser.2: Khim. 15 no.1:69-72 '60.

Spectral determination of small amounts of iron in selenium. Z.G.Fratkin, N.G.Polivanova. Trudy IREA no.23:113-115 '60.

SELENIUM—ELECTRIC PROPERTIES

Inconstancy of the electrical parameters of selenium samples containing bromine in relation to the duration of their storage. V.N.Romankevich, V.G.Sidiakin. Izv.vys.ucheb.zav.;fiz. no.3:180-184 '60.

SELENIUM—SPECTRA

Determination of silicon and other impurities in selenium. V.L.Ginzburg, N.P.Glikhovetskaia. Zav.lab. 26 no.5:550-551 '60.

Investigation of the main X-ray K-absorption edge in selenium [with summary in English]. D.Bally, L.Miuller. Zhur.eksp.i teor.fiz. 38 no.5:1381-1382 My '60

SELENIUM DIOXIDE

Continuous process of selenium dioxide preparation. V.G.Alekseev. Trudy IREA no.23:47-54 '59.

SELENOPHENE

Chemistry of selenophene. Part 27: Composition of the product of nitration of selenophene. IU.K.IUr'ev, E.L.Zaitseva, G.G.Rozantsev. Zhur.ob.khim. 30 no.7:2207-2209 Jl '60.

Chemistry of selenophene. Part 28: Reactions of 4-nitro- and 5-nitro-2-acetoselenophene. IU.K.IUr'ev, E.L.Zaitseva, A.N.Nikiforova. Zhur.ob.khim. 30 no.7:2209-2214 Jl '60.

SELF-DEFENSE (LAW)

Decisions of Soviet courts. Sov.iust. no.7:26-30 Jl '60.

SELF-DETERMINATION, NATIONAL

National self-determination and the Soviet regime. N.Nedasek. Dol.zbor. 11:5-19 '59.

SELF DETERMINATION, NATIONAL—BIBLIOGRAPHY see Bibliography—Self determination, National

SELF-SERVICE STORES

Unremitting attention to self-service stores! A.Krutikov and others. Sov.torg. 33 no.7:12-13 Jl '60

SELIDOVKA—TILES, ROOFING

How we improve the quality of clay roofing tiles. M.Frolov. Sil'.bud. 10 no.5:8 My '60

SEMANIUK, IVAN IURIIOVYCH, 1874-1927—MUSEUMS, RELICS, ETC.

Hucul presents to the bard of the highlands. M.Semaniuk. Ukraina no.16:5 Ag '60.

SEMANTICS

The nature and significance of lingual signs. T.P.Lomtev. Vop.filos. 14 no.7:127-134 '60.

SEMEN

Increase in the viability and activity of bull semen due to the effect of biogenic stimulators [with summary in English]. A.P.Volosevich. Zhur.ob.biol. 21 no.4:305-307 Jl-Ag '60.

SEMICARBAZIDE

1-aryl, 1-benzoyl- and 1,1-dimethyl-4-dichlorphosphinylsemicarbazides and their derivatives [with summary in English]. O.V.Kirsanov, L.P.Zhuravlova. Dop.AN URSR no.6:804-808 '60.

Polarographic study of complex compounds of cadmium with thiosemicarbazide and semicarbazide. V.F.Toropova, K.V.Naimushina. Zhur.neorg.khim. 5 no.4:874-879 Ap '60.

Use of thiosemicarbazides in analysis. Report No.3: Titrimetric determination of thiosemicarbazides with mercuric nitrate [with summary in English]. N.V.Koshkin. Zhur.anal.khim. 15 no.2:147-150 Mr-Ap '60

SEMICONDUCTORS

Experimental use of semiconductor thermistors in time-delay circuits. M.A.Balashov. Trudy MAI no.112:121-124 '59.

Investigation of the methods used in synthesizing lead selenide, and of its semiconducting properties. N.I.Glistenko, A.A.Fremina. Zhur.neorg.khim. 5 no.5:1003-1005 My '60

Key to the sun ("Key to the sun; the story of semiconductors" by E.Borisov, I.Piatnova. Reviewed by B.Pagirev. Chto chitat' 3 no.7:6-7 Jl '60.

Semiconductor generators and amplifiers with a negative effective mass of the carriers. N.G.Basov, O.N.Krokhin, IU.M.Popov. Zhur.eksp.i teor.fiz. 38 no.3:1001-1002 Mr '60.

Semiconductors in the technology of the seven-year plan. N.Chistiakov. NTO 2 no.7:28 Jl '60.

Slowing-down time of nonequilibrium current carriers in semiconductors [with summary in English]. O.N.Krokhin, IU.M.Popov. Zhur.eksp.i teor.fiz. 38 no.5:1589-1592 My '60.

Theory of Thomson effect in semiconductors. F.G.Serova. Izv.vys.ucheb.zav.;fiz. no.3:123-129 '60.

SEMICONDUCTORS—CONGRESSES

Conference on the Analysis of Rare and Semiconducting Elements. Z.I.Podgaiskaia. Zhur.anal.khim. 15 no.3:383-384 My-Je '60.

SEMICONDUCTORS—ELECTRIC PROPERTIES—MEASUREMENT

Measuring semiconductor resistance at a high frequency. V.G.Sidiakin, E.T.Skorik. Prib.i tekh.eksp. no.2:141-143 Mr-Ap '60

SEMIPALATINSK—COMMUNIST EDUCATION

This is what the party statutes require. B.Bryzgin. Part.zhizn' Kazakh. 30 no.5:29-32 My '60.

SEMIPALATINSK PROVINCE—SOLONETZ SOILS

Subaerial meadow-steppe Solonetz complexes in the middle Irtysh Valley [with summary in English]. A.A.Sokolov, R.Dzhampeisov, N.I.Kotin. Pochvovedenie no.7:32-42 '60.

SEMIPALATINSK PROVINCE—SWINE—FEEDING AND FEEDS

We shall carry out the seven-year plan in two years. M.Kononenko. Part.zhizn' Kazakh. 30 no.5:16-18 My '60.

SEMIRECH'YE—PHEASANTS

Molting of the Semirech'ye pheasant (Phasianus colchicus mongolicus Brandt). V.A.Grachev. Trudy Inst.zool. AN Kazakh.SSR 13:176-179 '60

SENNO—LABOR REST HOMES

First step in the right direction. A.Vasilevich. Rab.i sial. 36 no.6:17-18 Je '60.

SENSE ORGANS—FISHES

Hearing in some fishes of the Black Sea as related to ecological conditions and structural characteristics of the auditory apparatus [with summary in English]. G.A.Maliukina. Zhur.ob.biol. 21 no.3:198-205 My-Je '60.

SENSE ORGANS—INSECTS

Colorimetric study of the properties of color vision in insects with the housefly as an example. G.A.Mazokhin-Porshniakov. Biofizika 5 no.3:295-303 '60.

SENSE ORGANS—MAMMALS

Ecomorphological characteristics of the structure of sense organs in related species, genera, and families of mammals [with summary in English]. B.S.Matveev. Biul.MOIP.Otd.biol. 65 no.1:5-9 Ja-F '60.

SENSES AND SENSATION

Correlation between the emotional tone of sensations and the orienting and defensive reactions. A.K.Popov. Dokl.APN no.2:95-98 '60.

Sensation as a subjective reflection of the objective world. L.I.Florenova. Uch.zap.Kaf.filos.RPI no.2:51-73 '59.

Study of the material substratum of mental processes in the investigations of Soviet psychologists [with summary in English]. P.A.Shevarev. Vop.psikhol. 6 no.2:35-46 Mr-Ap '60.

SEPARATORS (MACHINES)

Modern separators in the starch industry. N.A.Bakanov. Sakh.prom. 34 no.7:65-69 Jl '60.

Modernization of the VSB and VSV yeast separators. Z.B.Kristall. Gidroliz.i lesokhim.prom. 13 no.4:27-29 '60.

Olevskii, V.A. [Design and calculation of mechanical classifiers and hydro-cyclones] Konstruktsii i raschet mekhanicheskikh klassifikatorov i gidrotsiklonov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 314 p.

Use of a hydrocyclone centrifuge for thickening dredging slurry. A.I.Zhangarin. Vest.AN Kazakh.SSR 16 no.6:46-50 Je '60.

SERFDOM

The state's operations in redeeming landowner peasants at the beginning of the 19th century. E.V.Myshkovskii. Ist.SSSR 4 no.3:147-148 My-Je '60.

SERGEEV, FEDOR ANDREEVICH, 1863-1921—BIBLIOGRAPHY see Bibliography—Sergeev, Fedor Andreevich, 1863-1921

SERGEEV, VLADIMIR

Lonely winters of the taiga ("Holiday in the tundra"; verse by V.Sergeev. Reviewed by N.Starshinov). Oktiabr' 37 no.6:210-221 Je '60.

SERICULTURE

Rubinov, F. B., and S. A. Tumaian. [Preparation and primary treatment of silk cocoons] Zagotovka i pervichnaia obrabotka shelkovichnykh kokonov. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 367 p.

Vystavka dostizhenii narodnogo khoziaistva SSSR. [Apparatus for determining the sex of cocoons] Apparat OPK. Moskva [Izd-vo M-va sel'. khoz. SSSR, 1959. 7 fold. p.

SERIES

Generalization of Hausdorff's method of summation of series. G. V. Badalian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 12 no. 6:3-35 '59.

SERINE

Interaction between N-benzoyl(O-benzoylphenylalanyl-C14) serine and proteins. M. M. Botvinnik, A. P. Andreeva. Dokl. AN SSSR 133 no. 1:98-101 Jl '60.

Reaction of N-benzoyl-O-(benzoylphenylalanine-C14) serine with ribonuclease. M. M. Botvinnik, A. P. Andreeva. Dokl. AN SSSR 133 no. 2:460-461 Jl '60.

SERPENTINE see subdivision under Marneuli District

SERPUKHOV—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Let's maintain the apartment houses in an exemplary manner. I. Osipov. Zhil.-kom. khoz. 10 no. 6:10-10 '60.

SERPUKHOV—PRINTING INDUSTRY

Improve the organization of work and the use of equipment. A. N. Korheikov. Poligr. proizv. no. 5:14-15 My '60.

SERPUKHOV DISTRICT—FARM MECHANIZATION

Korolev, V. P. [Rural Communists and the problems of farm mechanization] Sel'skie kommunisty i voprosy mekhanizatsii sel'skogo khoziaistva. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 44 p.

SERRATIA see subdivision under Burlinskoye, Lake; Tinaki, Lake

SERUM

Blood picture of horses producing antiplague sera. First report. E. I. Fashkovskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:167-175 '57.

Change in the antigenic properties of blood serum following the parenteral administration of nonprotein substances [with summary in English]. A. I. Nikolaev. Biul. eksp. biol. i med. 49 no. 1:87-90 Ja '60.

Comparative evaluation of various methods of purifying and concentrating antiplague sera. P. A. Sheralnev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:108-[illegible] '57.

Gamma and beta globulin antiplague sera and the study of their effectiveness. First report. I. I. Khundanov and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:160-172 '57.

Method of using small quantities of serum for paper electrophoresis. O. M. Kobozeva, G. V. Kobozev. Lab. delo 6 no. 3:57-58 My-Je '60.

Morphological composition of the blood of horses producing anticholera sera. I. I. Fashkovskaia, I. I. Khundanov, K. P. Kaporskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:195-198 '59.

Obtaining dry antiplague serum and a study of its effectiveness. P. A. Sheralnev and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:195-200 '57.

Pathomorphological changes in the organs of horses used to produce anticholera serum which have positive reactions to brucellosis. R. S. Kolesnik, I. I. Khundanov, A. P. Kokoulov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:154-161 '57.

Purification and concentration of antiplague sera by use of enzymatic digestion. P. A. Sheralnev and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:181-187 '57.

Purification and concentration of antiplague sera with neutral salts. P. A. Sheralnev and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:177-182 '57.

Role of some nonspecific substances in raising the quality of antiplague serum. F. D. Shkarko, I. I. Khundanov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:119-135 '57.

Some biochemical indexes of the blood serum in hypertension patients and their changes during treatment. I. N. Bashmakova. Vrach. delo no. 7:20-22 Jl '60.

Some glycolytic enzymes in the blood serum of children with Botkin's disease. R. I. Lozetskii. Vop. okh. mat. i det. 5 no. 3:10-13 My-Je '60.

Study of the combined effect of streptomycin and immune serum on experimental cholera infection. I. I. Khundanov, M. I. Bezrukova, P. S. Azatianova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:225-231 '57.

Study of the dependence of the quality of antiplague serum on some individual peculiarities of the producing animal. I. I. Fashkovskaia, I. I. Khundanov, F. D. Shkarko. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:97-[illegible] '57.

SERUM—PHYSIOLOGICAL EFFECT

Influence of the serum of healthy and anemic subjects on erythropoiesis. Report no. 2: Nature and mechanism of the erythropoietic action of serum [with summary in English]. S. IU. Shekhter. Biul. eksp. biol. i med. 49 no. 1:39-42 Ja '60.

SERUM DIAGNOSIS

Indications of pathogenic microorganisms in objects of the external environment by haptocholine flocculation reaction. G. A. Bashmakov. Voen.-med. zhur. no. 5:69-72 My '60.

Interrelation of the agglutination titer and the effectiveness of antiplague sera. Fourth report. E. I. Fashkovskaia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:171-176 '57.

Serum diagnosis of toxoplasmosis. A. V. Levit. Trudy Inst. zool. AN Kazakh. SSR 12:75-77 '60.

SERUM SICKNESS

"Serum disease (clinical aspects and prophylaxis)" [in Ukrainian]. By I. K. Ivanov. Reviewed by G. S. Levi. Vrach. delo no. 7:117-118 Jl '60.

SERVICE INDUSTRIES

(see also subdivision under Kiev, Moscow Province)

Concern for the standard of living of rural workers. D. Aleksandrov. Prom. koop. 14 no. 6:25 Je '60.

Let's continuously improve the service industries. V. Opartov. Sov. potreb. koop. [illegible] no. 6:[illegible] Je '60.

More courage in discarding the old and obsolete. Prom. koop. 14 no. 6:23-24 Je '60.

SERVOMECHANISMS

Analytical design of controllers. Part 3. [with summary in English]. A. M. Letov. Avtom. i telem. 21 no. 6:661-665 Je '60.

Correlation techniques for cybernetic control systems [with summary in English]. O. I. Kukhtenko. Avtomatyka no. 2:30-37 '60.

Effect of rate feedback on the dynamics of a relay servomechanism operating under load [with summary in English]. N. S. Gorskaia. Avtom. i telem. 21 no. 5:601-614 My '60.

Electric servomotors with printed winding on the rotor (from "Electrical Design News", no. 1, 1959). R. S. Lisovskii. Prom. energ. 15 no. 5:58-59 My '60.

Forced periodic motions of hydraulic actuating mechanism with a positioned load [with summary in English]. V. A. Khokhlov. Avtom. i telem. 21 no. 6:929-941 Je '60.

Synthesis of self-optimizing servomechanisms using a method which involves two frequency filters (a generalization of the Bart method) [with summary in English]. V. I. Kostiuk. Avtomatyka no. 2:38-49 '60.

SERVOMECHANISMS—ELECTROMECHANICAL ANALOGIES

Electric simulation of an a.c. servo drive. L. V. Bokshitskii, V. M. Shlykov. Izv. vys. ucheb. zav.; elektromekh. 3 no. 6:62-[illegible] '60.

SESTRORETSK

Sestroretsk. A. Davidenko. Blok. agit. [Len.] no. 15:10-16 My '60.

SESTRORETSK DISTRICT—INSURANCE, SOCIAL

In Sestroretsk all inspectors handle pensions and state grants. P. Volnova. Sots. obesp. [illegible] no. 5:[illegible] My '60.

SEVASTOPOL—COMMUNIST YOUTH LEAGUE

They help each other. A. Davidiants. Mol. komm. no. 8:93-[illegible] Ap '60.

SEVERODVINSK—LANDSCAPE GARDENING

Landscaping a northern city. N. Sosnin. Zhil.-kom. khoz. 10 no. 6:27-28 '60.

SEVLIEVO, BULGARIA—EVENING AND CONTINUATION SCHOOLS

Our evening school. D. Dimov. Obshchobr. shkola [illegible] no. 1:80-87 [illegible] '60.

SEWAGE see subdivision under Moscow

SEWAGE—ANALYSIS

Rapid method of determining ammonium ions in the waste water from the manufacture of by-product coking plants. V. T. Kaplin, N. G. Fesenko. Koks i khim. no. 5:40-50 '60.

SEWAGE—PURIFICATION see subdivision under France, Great Britain, Tayshet

SEWAGE AS FERTILIZER

Sedimentation guide. [illegible] 35 no. 7:55 Jl '60.

SEWER PIPE

Studying hydraulic resistances in sludge pipes. IU. M. Larikov. Vod. i san. tekh. no. 7:[illegible] Jl '60.

SEWERAGE

Industrial water supply and sewerage in modern petroleum refineries. S. A. Shukin. Vod. i san. tekh. no. 8:[illegible] Ag '60.

Kolobanov, S. K. [Water-supply and sewer systems] Vodoprovod i kanalizatsiia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 101 p. (V pomoshch' individual'nomu zastroishchiku)

SEWERS, CONCRETE

Reusable timbering to be used in trench work. V. F. Ivanov, N. S. Mitrofanov. [illegible] no. 4:20-29 '60.

SEWING

Evaluating the skill of primary school students in working with fabrics. [illegible] Izv. APN [illegible] '59.

SEX (BIOLOGY)

Regulation of sex in animals. [illegible]

SEX ORGANS see Generative organs

SHABAKTY RIVER—GORGES

[illegible]

SHAFT SINKING

(see also subdivision under [illegible])

Create conditions for the [illegible] with [illegible] 59-60 Jl '60.

[illegible]

Efficient use of bilateral concentrated blasting in vertical shaft sinking. G. I. [illegible] '60.

[illegible]

[illegible]

Scaffold for [illegible] (from foreign journals). [illegible]

[illegible]

[illegible]

Shaft sinking [illegible]

[illegible]

[illegible]

[illegible]

SHAKESPEARE, WILLIAM, 1564-1616

[illegible]

[illegible]

[illegible]

SHALE

[illegible]

[illegible]

[illegible]

SHAMIAKIN, IVAN, 1921

[illegible]

[illegible]

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Arm in arm with the activist group. A. Viktorova. Sots obesp. 21 no.5:16-17 My '60.

SHCHELKOVO—TEXTILE FACTORIES

Work practices after the introduction of a shorter workday. N.N.Kazarina. Tekst.prom. 20 no.7:13-15 Jl '60.

SHCHERBACHEV, VLADIMIR VLADIMIROVICH, 1889-1952

Orlov, G.A. [V.Shcherbachev; Fifth symphony] V.Shcherbachev, piataia simfoniia. Leningrad, Sovetskii kompozitor, 1959. 12 p. (V pomoshch' liubiteliu muzyki)
(CLU)

SHCHERBAKOV, ALEKSANDR VASIL'EVICH, 1903-1959

Aleksandr Vasil'evich Shcherbakov; obituary. Inform. biul.NIIGA no.14:58-60 '59.

SHEARS (MACHINE TOOLS)—TECHNOLOGICAL INNOVATIONS

Modernization of guillotine shears. S.A.Bugakov. Mashinostroitel' no.7:17 Jl '60.

SHEEP see subdivision under Mongolia

SHEEP—DISEASES AND PESTS

Development and period of viability of invading larvae of some strongylids of sheep in the Poles'ye near Kiev. V.N.Trach. Pratsi Inst.zool.AN URSR 15:16-53 '59.

SHEEP—FEEDING AND FEEDS

Secretory activity of the parotid salivary glands of sheep in relation to the varying character of diet and maintenance. K.T.Tashenov. Trudy Inst.fiziol.AN Kazakh SSR 2:30-39 '59.

Significance of microorganisms in the diet of ruminants. N.U.Bazanova, K.T.Tashenov. Trudy Inst.fiziol.AN Kazakh SSR 2:20-29 '59.

SHEEP—PARASITES see Parasites—Sheep

SHEEP—PHYSIOLOGY

Some hematological indexes in sheep of the Aral fine-fleeced group. B.N.Nikitin. Trudy Inst.fiziol.AN Kazakh SSR 2:131-130 '59.

SHEET IRON

Automatic sheet metal sorting. L.I.Zonchenko. Stal' 20 no.8:732-733 Ag '60.

Production of lacquered sheet iron at the "Zaporozhstal'" Plant. A.G.Bogomazov, R.E.Mirkina. Metallurg 5 no.7:24-26 Jl '60.

SHEET METAL

High strength titanium alloys for the manufacture of sheet. E.A.Borisova, S.G.Glazunov, G.N.Taranenko. Titan i ego splavy no.3:91-98 '60.

Titanium-base alloys for the manufacture of sheet. S.G.Glazunov, E.A.Borisova. Titan i ego splavy no.3:90-93 '60.

SHEET METAL—WELDING

Straightening thin-sheet welded structures with use of a gun-type graphite electrode holder. L.D.Veretnik. Avtom.svar. 13 no.7:84-86 Jl '60.

Strengthening weld joints by press working the seam with rolls. S.A.Kurkin, V.A.Vinokurov, V.A.Parakhin. Svar.proizv. no.8:15-16 Ag '60.

SHEET PILING

Using lifting jacks in drawing metal piles. G.B.Gol'din. Transp.stroi. 10 no.5:52 My '60.

SHEET STEEL

Automatic control of a steel strip surface finish. V.A.Dolgalev and others. Stal' 20 no.8:735-736 Ag '60.

Avoiding waviness of hot-rolled electrical steel sheets. V.A.Koroleva and others. Metallurg 5 no.7:28-29 Jl '60.

Calculating the heating of steel sheets by a stationary circular gas flame. S.G.Guzov. Trudy VNIIAvtogen no.7:14-39 '60.

Sheet steel radiators. E.A.Belinkii, D.IA.Bologovskoi. Stroi.i arkhit.Len. 32 no.6:21-22 '60.

SHEET STEEL—MAGNETIC PROPERTIES

Dependence of magnetic induction in cold-rolled electrical steel on conditions of final annealing [with summary in English]. A.I.Beliakov, IU.N.IAroshenko. Stal' 20 no.8:750-752 Ag '60.

SHEET STEEL—WELDING

Use of coiled sheet steel is a progressive trend in planning welded structures. G.V.Raevskii. Avtom.svar. 13 no.7:26-32 Jl '60.

SHEKSNA RIVER—ELECTRIC LINES—OVERHEAD

Setting up of a power line span across the Sheksna river. E.P.Bondar'. Elek.sta. 31 no.6:73-76 Je '60.

SHEVCHENKO, TARAS, 1814-1861

Compilation of a dictionary of the language of Shevchenko's works. Ukr.mova v shkoli 10 no.3:90-92 My-Je '60.

Shevchenko i Kyivs'kyi universytet. [Kyiv] Vyd-vo Kyivs'koho univ., 1959. 85 p.
(MH)

Shevchenko Conference. E.M.Khmelevskaia. Vest.AN SSSR 30 no.7:112 Jl '60.

[Shevchenko studies] Pytannia Shevchenkoznavstva. Kyiv, Vyd-vo Akad. nauk URSR.
No.1. 1958. 1 v.
(NN)

SHEVCHENKO, TARAS, 1814-1861—FICTION

Stories on Taras' childhood ("Taras' childhood" by Dmytro Krasyts'kyi. Reviewed by V Kostenko). Sov Ukr 10 no.7:181-182 Jl '60.

SHIELDING (ELECTRICITY)

Protective shielding of lines carrying weak currents from dangerous effects of 110 kilovolt lines. V.D.Sokolov, V.I.Ivanov, V.V.Kulikov. Elek.sta. 31 no.4:92-93 Ap '60.

Use of single-wire rail networks. N.F.Kolliarenko, M.V.Kurovskii. Avtom.,telem.i sviaz' 4 no.7:4-7 Jl '60.

SHIGELLA

Antitoxic effect of levomycetin under experimental conditions [with summary in English]. V.A.Liashenko. Antibiotiki 5 no.1:112-115 Ja-F '60.

Determination of the antibiotic sensitivity and the phage sensitivity of freshly-isolated dysenterial cultures [with summary in English]. A.M.Tkachenko. Antibiotiki 5 no.1:81-87 Ja-F '60.

SHIGELLA PARADYSENTERIAE

Development of filtrable forms of typhoid and dysentery bacteria. D.P.Karabekov. Izv.AN Arm.SSR.Biol.nauki 13 no.1:55-62 Ja '60.

Improvement in the method for the isolation and identification of dysentery bacteria. I.A.Siroko and others. Voen.-med.zhur. no.5:61-64 My '60.

SHILIK VALLEY—GEOLOGY, STRUCTURAL

Morphological structure of the Shilik Valley. M.Zh.Zhandaev. Trudy Sekt.geog.AN Kazakh.S.S.R. no.6:199-204 '60.

SHIM, E.

"Night at the month's end" by E.Shim. Reviewed by G.Konstantinovskaia. Zvezda no.6:219-220 Je '60.

SHIP HANDLING

Bogdanov, K.A. [Marine navigation charts; manual for merchant ship handling] Morskie navigatsionnye karty; posobie dlia sudovoditelei morskogo flota. Leningrad, Izd-vo "Morskoi transport," 1960. 147 p.

Handling ships on underwater wings in passing. B.Ol'shamovskii. Rech.transp. 19 no.5:48-49 My '60.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP MODELS see subdivision under Leningrad

SHIP MODELS—RADIO CONTROL

Screw propeller rudder on a radio-controlled ship model. I.Efremov. Voen.znan. 36 no.7:32 Jl '60.

SHIP PROPULSION

Calculating the effect of ship propulsion speed on transient processes in ship power plants. M.A.Zak. Sudostroenie 26 no.6:23-25 Je '60.

Droplike device ["The Costa propulsion bulb" from "Shipbuilding and Shipping Record," no.3, 4, 5, 6, 8, 9 and 23, 1959]. D.P.Ukolov. Sudostroenie 26 no.6:66-67 Je '60.

Zvonkov, V.V., and L.I.Fomkinskii. [Ship tractive and propulsive speed calculations; a proposed guide] Sudovye tiagovye i skorostnye raschety; proekt rukovodstva. Moskva, Izd-vo "Rechnoi transport," 1959. 213 p.

SHIP PROPULSION, ELECTRIC

(see also subdivision under Volga River)

Automatic control of electric propulsion systems. S.B.Rukavishnikov. Trudy NTO sud.prom. 8 no.5:57-60 '59.

Design of the electric propulsion of the icebreaker "Lenin" (with an atomic power plant). N.A.Agafonov. Trudy NTO sud.prom. 8 no.5:81-93 '59.

Designing and testing electric propulsion plants on whalers. IA.G.Pikus. Trudy NTO sud.prom. 8 no.5:95-112 '59.

Economical regulation of direct current electrical propulsion systems. G.A.Meleshkin. Trudy NTO sud.prom. 8 no.5:61-72 '59.

Electric propulsion on Russian rescue vessels. N.A.Kuznetsov. Trudy NTO sud.prom. 8 no.5:131-139 '59.

Justification for use at the present time of electric ship propulsion. S.I.Antonov. Trudy NTO sud.prom. 8 no.5:19-32 '59.

Mounting and delivery of a direct current electric propulsion plant on 5000-ton capacity ships. P.I.Traper. Trudy NTO sud.prom. 8 no.5:117-129 '59.

Operation of diesel-electric propulsion ships of the Murmansk Steamship Line. L.G.Danilov. Trudy NTO sud.prom. 8 no.5:173-185 '59.

tems with triple winding exciters for electric propulsion diagrams. I.S.Mendeleev, A.A.Troetskaia, L.V.Sverdlik. Sudostroenie 26 no.6:29-32 Je '60.

Present state and development of modern electric propulsion systems in foreign countries. B.A.Trofimov. Trudy NTO sud.prom. 8 no.5:33-56 '59.

Present state of electric ship propulsion in the U.S.S.R. and ways to expand it further. V.I.Polonskii. Trudy NTO sud.prom. 8 no.5:7-17 '59.

Requirements of diagrams for modern electric propulsion systems on icebreakers and ships sailing in ice conditions. M.N.Sidorov, V.IA.IAgodkin. Trudy NTO sud.prom. 8 no.5:73-80 '59.

Using power produced by electric propulsion plants for auxiliary ship needs. L.V.Chernikov. Trudy NTO sud.prom. 8 no.5:113-115 '59.

SHIP PROPULSION, ELECTRIC—CONGRESSES

From the decisions of the Second All-Union Scientific Technological Conference on electric ship propulsion. Trudy NTO sud.prom. 8 no.5:187-189 '59.

SHIP PROPULSION, ELECTRIC—TESTING

Testing electrically propelled ships and measures to improve their operation. A.B.Khaikin. Trudy NTO sud.prom. 8 no.5:149-172 '59.

SHIP RESISTANCE

Method of measuring small launch resistance in open basins. L.M.Krivonosov. Sudostroenie 26 no.6:38-39 Je '60.

SHIPBUILDING

(see also subdivision under Great Britain; Hungary, Netherlands)

Certain measures for the economy of electric power. P.K.Kuchinskii. Sudostroenie no.7:59-60 Jl '60.

Conference on prospects for the mechanization and expansion of the practice of welding in protective atmospheres in shipbuilding. M.R.Shraerman. Svar.proizv. no.7:42-43 Jl '60.

Economy of electric power consumption in shipbuilding. A.IA.Ostretsov, IU.B.Shenkman. Sudostroenie no.7:58-59 Jl '60.

Some potentialities for economy of electric power consumption in shipbuilding. I.IA.Popilov. Sudostroenie no.7:55-58 Jl '60.

Spaced payments. B.N.Zhuchkov. Sudostroenie 26 no.6:46-48 Je '60.

Third Plenum of the Central Administration of the Scientific Technological Society. Sudostroenie no.7:80-82 Jl '60.

Tomorrow's intercontinental ship. V.Gartvig. Tekh.mol. 28 no.6:19-22 '60.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—CONGRESSES

All-Union Conference on Safety Techniques and Industrial Hygiene in Shipbuilding. Sudostroenie no.7:79-80 Jl '60.

SHIPBUILDING—EQUIPMENT AND SUPPLIES see subdivision under Sweden

SHIPBUILDING—EXHIBITIONS see subdivision under London

SHIPBUILDING—FINANCE

The problem of monopolistic organizations of the highest developed type in Russia. K.F.Shatsillo. Ist.arkh. 6 no.4:120-142 My-Je '60.

SHIPBUILDING—RESEARCH

With increasing activity. V.Shabalov. NTO 2 no.7:54 Jl '60.

SHIPFITTING

Making thin-sheet bulkheads and recesses. E.E.Ratskii. Sudostroenie 26 no.6:58-59 Je '60.

Methods of covering up openings for the passage of bulb iron bars of the framing. A.M.Piskunov. Sudostroenie 26 no.6:61 Je '60.

SHIPFITTING—EQUIPMENT AND SUPPLIES

Machine tool for grinding ship fittings. S.I.Bronshtein, A.IA.Zelichenko. Sudostroenie no.7:61-64 Jl '60.

SHIPS

(see also subdivision under Soviet Far East)

"Lenin"-type river passenger vessels. V.M.Kerichev. Sudostroenie 26 no.6:1-8 Je '60.

SHIPS—AIR CONDITIONING

Air conditioning system on the diesel-propelled ship "Leninogorsk" and its operation in the tropics. I.V.Tarabrin. Sudostroenie no.7:19-22 Jl '60.

SHIPS—CARGO

Determining the loading capacity of perishible cargo carriers. I.G.Sokolov. Sudostroenie no.7:6-9 Jl '60.

SHIPS—EQUIPMENT AND SUPPLIES

Nikitin, G. M. [Electric drives for ship machinery] Sudovye elektroprivody. Leningrad, Izd-vo "Rechnoi transport," Leningr. otd-nie, 1960. 295 p.

SHIPS—LAUNCHING

Data on merchant ship launchings in foreign countries, in 1959 [from "Lloyd's Register" February 1960]. Sudostroenie 26 no.6:70-73 Je '60.

SHIPS—MAINTENANCE AND REPAIR

Standardization of cabins and equipment in ship repairing. P. G. Turchin. Sudostroenie no.7:49-52 Jl '60

SHIPS—PAINTING

Over-all mechanization of the cleaning and painting of ship hulls. M. I. Romanets. Sudostroenie 26 no.6:57-58 Je '60

SHIPS—WELDING

Thermal method of straightening welded ship structures. N. V. Burmistrov. Sudostroenie 26 no.6:40-45 Je '60.

Welding bulb-bar hull frames on copper straps. A. M. Plokunov. Sudostroenie no.7:64-65 Jl '60.

SHIPS, ELECTRICITY ON see Electricity on ships

SHIPWORMS see subdivision under Black Sea

SHIPYARDS see subdivision under Leningrad

SHIPYARDS—EQUIPMENT AND SUPPLIES see subdivision under Sveltoye

SHIRVAN STEPPE see Kura Lowland

SHLYAKHOVO REGION (STALINGRAD PROVINCE)—OIL FIELDS

From Devonian depths. Izv. vys. ucheb. zav.; neft' i gaz 3 no.6:38 '60

SHOCK

Characteristics of the oxidation-reduction processes in burn shock. A. P. Dovgansikii. Zdravookhranenie 3 no.3:46-49 My-Je '60.

Influence of a tourniquet on the toxicity of muscle extracts. V. M. Kushko, V. M. Shepelev. Uch. zap. 2-go MGMI 17:87-95 '59.

New drugs and medicine. V. O. Mitrofanov. Kaz. med. zhur. 40 no.5:137 S-O '60.

Posttransfusion shock reaction from Rh-incompatible blood. I. I. Kantarovich. Zdrav. Belor. 1 no.1:34-35 Mr '59

Some measures against complications caused by an experimentally applied tourniquet. V. M. Kushko, G. M. Ivchenko. Uch. zap. 2-go MGMI 17:319-324 '59.

SHOCK ABSORBERS

Design of rubberized air-cushion shock absorbers. V. L. Biderman, B. L. Bukhin. Rasch. na prochn. no.5:15-50 '60.

SHOCK WAVES

Method of shock wave calculation. V. P. Korobeinikov. Dokl. AN SSSR 133 no.4:771-772 Ag '60.

Nonequilibrium state behind a shock wave in air. S. A. Losev, N. A. Generalov. Dokl. AN SSSR 133 no.4:872-874 Ag '60.

Skin effect and shock waves in an induction gas discharge [with summary in English]. S. P. Grebennikov, M. D. Raizer. Zhur. eksp. i teor. fiz. 38 no.6:1665-1667 Je '60.

Structure of the shock wave in a relativistic case. S. S. Moiseev. Izv. vys. ucheb. zav.; fiz. no.3:156-161 '60.

SHOE INDUSTRY

New method of strengthening the lower part of house slippers and light street shoes. A. Naishein. Prom koop. 15 no.6:32 Je '60.

Store, factory, warehouse. R. Sinitsyn. Sov torg 33 no.7:33-36 Jl '60.

Utilization of hidden potentialities in the leather and shoe industries. Biul. tekh.-ekon. inform. no.7:66-70 '60.

SHOE INDUSTRY—FINANCE see subdivision under Kiev

SHOE MACHINERY

The ZDK machine for the leather and shoe industry. D. I. Luk'ianov. Biul. tekh.-ekon. inform. no.7:43-44 '60.

SHOEMAKERS see subdivision under Minsk

SHOINDYKOL' REGION

Partial destruction of populations of the vole Lagurus lagurus by heavy rains. I. G. Shubin. Trudy Inst. zool. AN Kazakh SSR 13:83-90 '60

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

After the "Virgin soil upturned." A. Sofronov. Ogonek 38 no.31:8-9 Jl '60.

An epic novel describes the life of our people. V. Baskakov. Agitator no.10:60-62 My '60.

SHOOTING CONTESTS

(see also subdivision under Kiev)

Make rifle training more closely approximate competition. V. Iodko. Voen. znan. 36 no.7:26-27 Jl '60.

SHOPPING CENTERS

Combined commercial and public-service enterprises in newly-built residential districts. A. IA. Gadzinskii, L. B. Fedorova, O. N. IAnitskii. Izv. ASiA no.2:69-77 '60

Shopping centers in cities. S. Serebriakov and others. Sov. torg. 33 no.7:7-11 Jl '60

SHORE LINES

(see also subdivision under Aral Sea)

Effect of the shape of the shore line on the dynamic regimen of winds. S. M. Popov. Izv. AN SSSR. Ser. geofiz. no.7:1073-1076 Jl '60.

SHORE PROTECTION

Green breakwaters. M. Chornenko. Znan. sila 35 no.7:44 Jl '60.

SHOSTKA—MOTION-PICTURE PHOTOGRAPHY—FILMS

Magic ribbon. Mykhailo Halushko. Ukraina no.15:21-22 Ag '60.

SHOT PEENING

Portable shot-peening unit with a continuous shot circulation. P. V. Ganov. Mashinostroitel' no.7:10 Jl '60.

Unit for separating shot from sand and dust. A. B. Margulon. Mashinostroitel' no.7:34 Jl '60

SHOULDER JOINT—DISLOCATION

Rational therapy and expert testimony of military personnel with habitual dislocation of the shoulder. G. K. Ordzhonikidze. Voen. med. zhur. no.5:47-48 My '60.

SHOWER BATHS

Automatic water heating system for mine shower baths. IU. S. Zhdanov, S. T. Sergeev. Ugol' Ukr. 4 no.6:31 Je '60

SHRAMKOVKA—SUGAR MANUFACTURE

Vacuum "windflask" pumps and their utilization in the sugar industry. F. V. Krasnoianskii. Sakh. prom. 34 no.6:65 Je '60.

SHREWS see subdivision under Kazakhstan, Ukraine

SHREWS AS CARRIERS OF DISEASE

Leptospirosis of small insectivores in Shakhovskaya District, Moscow Province [with summary in English]. M. IA. Lavrova, A. P. Vishniakov, I. V. Prokhorova. Zool. zhur. 39 no.7:1069-1079 Jl '60

SHRUBS

Injury of trees and shrubs due to sharp drops in temperature during the vegetative period. V. I. Tkachenko. Biul. Glav. bot. sada no.39:13-16 '60.

"Key for the identification of trees and shrubs in a leafless state" by A. I. Novikov. Reviewed by I. I. Shchepot'ev. Bot. zhur. 45 no.6:915-920 Je '60.

Landscape gardening in Dzhezkazgan. N. L. Semiotrochova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no.3:75-86 '60.

Tkachenko, V. I. [Trees and shrubs of the North American flora in the botanical garden of Frunze] Derev'ia i kustarniki severoamerikanskoi flory v usloviiakh Botanicheskogo sada goroda Frunze. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1960. 129 p.

SHRUBS—FERTILIZERS AND MANURES

Using mineral fertilizers in growing seedlings of decorative shrubs. A. P. Ivanov. Biul. Inst. biol. AN BSSR no.3:161-164 '60.

SHUBERT, FRANZ PETER, 1797-1828

Konen, V. D. [Schubert] Shubert. Izd. 2., dop. Moskva, Gos muzykal'noe izd-vo, 1959. 303 p.

SHUL'TS, VIKTOR L'VOVICH

Twenty-fifth anniversary of V. L. Shul'ts' career. V. P. Suslov. Izv. AN Uz. SSR. Ser. tekh. nauk. no.4:78 '60.

SHUNKOV, VIKTOR IVANOVICH, 1900-

V. I. Shunkov's anniversary. M. I. Afanas'eva. Sov bibl no.3:158-159 '60

SHUSHKODOM—RETAIL TRADE

This worries me (conclusion). Ekaterina Kolomzina. Sov. potreb. koop. 5 no.6:10-19 Je '60

SHUTTERS, PHOTOGRAPHIC

Light sources and shutters for high-speed regular and motion-picture photography. V. G. Pell'. Tekh. kino i telev. 4 no.6:79-80 Je '60.

SHVARTS, EVGENII L'VOVICH

"Puppet city", plays for the marionette theater by Evg. Shvarts. Reviewed by Evg. Demment. Zvezda no.5:211-214 My '60

SHVARTS, VIACHESLAV GRIGOR'EVICH, 1838-1869

Unknown letters written by V. G. Perov. A. Vereshchagina. Iskusstvo 23 no.6:68-69 '60.

SHYSHKO, SERHII FEDOROVYCH

Through the eyes of a painter. IA. Ban. Ukraina no.16:16-16 Jl '60.

SIAMESE TALES see Tales, Siamese

SIAVA—ACETIC ACID

Use of fluoropolyethylene plastics in the production of acetic acid. I. A. Fedorov. Gidroliz. i lesokhim. prom. 13 no.5:33 '60.

SIAVA—POLYETHYLENE

Use of fluoropolyethylene plastics in the production of acetic acid. P. A. Fedorov. Gidroliz. i lesokhim. prom. 13 no.5:31 '60

SIBERIA—ACADEMY OF SCIENCES OF THE U.S.S.R.

Development of research in the Siberian branch of the Academy of Sciences of the U.S.S.R. Izv. Sib. otd. AN SSSR no.1:3-16 '60

SIBERIA—BEAVERS

Siberian beavers. I. IAnitskii. [illegible] 18-21 Jl '60

SIBERIA—BOOKSELLERS AND BOOKSELLING

Contrasts in the book [illegible]. An. Dremov. Vop. lit. 4 no.8:215-230 Ag '60.

SIBERIA—CHICKEN MITE

Case of mass attack of the chicken mite Dermanyssus gallinae on man in Siberia. [illegible] V. D. Bolshakov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19,100-110 '59

SIBERIA—DESCRIPTION AND TRAVEL

Report of [illegible] '60

SIBERIA—ECONOMIC CONDITIONS

Economic growth of Siberia and the expansion of transportation. I. M. Gromov. Zhel. dor. transp. 42 no.7:9-13 Jl '60

Discover Siberia. [illegible] no.10:12-15 My '60.

SIBERIA—ELECTRIC LOCOMOTIVES

Experience in the use of [illegible] electric locomotives on the Krasnoyarsk Railroad. [illegible] Elek. i tepl. tiaga 4 no.5:40-42 My '60

SIBERIA—EROSION

Ravine erosion in Siberia. N. I. [illegible] Vest. Mosk. un., Ser. 5: Geog. 15 no.3:[illegible] '60

SIBERIA—FUNGI

New species of fungi from Siberian soils. H. A. Kutik. Bot. mat. Otd. spor. rast. 13:[illegible] '60

SIBERIA—GEOLOGY, STRATIGRAPHIC

Tectonic structure of the [illegible] of Siberian and the Far East. [illegible] Vest. AN Kazakh. [illegible] Ap '60

SIBERIA—GLIDERS AND SOARING

Now it's your turn, [illegible] glider pilots! [illegible] Kr. Tryl. rod. 11 no.[illegible] '60

SIBERIA—HISTORY

Studying the history of Siberia and the Far East. V. I. Shunkov. Vest. AN SSSR 30 no.7:105-107 Jl '60

SIBERIA—HORTICULTURE

Siberia gardens are growing. M. A. Lisavenko. Nauka i zhizn' 27 no.6:[illegible] '60

SIBERIA—NATURAL RESOURCES

Productive forces and science in Siberia. N. Nekrasov. Mir nauki no.7:38-42 '59

SIBERIA—PARASITES—RODENTIA

Program of work of the parasitological stations in the antiplague institutions of Siberia and the Far East. I. P. Zherdev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17,240-251 '58

SIBERIA—PARASITOLOGY—BIBLIOGRAPHY

I. G. Ioff, Soviet parasitologist, and his investigations in Siberia and the Far East. I. P. Zherdev. [illegible] Izv. Irk. gos. nauch.-issl. protivochum. inst. 17,5-19 '58.

SIBERIA—POULTRY BREEDING

Guinea fowl. I. N. Vaitsman. [illegible] 61-64 Jl '60.

SIBERIA—RAILROADS

Economic growth of Siberia and the expansion of transportation. I. M. Gromov. Zhel. dor. transp. 42 no.7:9-13 Jl '60.

SIBERIA—SCIENCE

Productive forces and science in Siberia. N. Nekrasov. Mir nauki no.7:38-42 '59.

Clothing and adornment elements on the sculpture portraying man of the upper Paleolithic Period in Europe and Siberia. Z.A.Abramova. Mat.i issl.po arkheol. 79:126-140 '60.

SIBERIA—SUGAR INDUSTRY

Prospects for the development of sugar manufacture in Siberia and in the East. S.E.Fridman. Sakh.prom. 34 no.7:10-12 Jl '60.

SIBERIA—WILDLIFE, CONSERVATION OF

"Protect nature" by V.N.Skalon. Reviewed by E.E. Syroechkovskii. Vop.geog. no.48,201-203 '60.

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Geotectonic divisions of the southern part of Khabarovsk Territory and Sakhalin and Amur Provinces. V.V. Onikhimovskii. Trudy DFAN SSSR.Ser.geol. 4:3-52 '60.

SIBERIA, EASTERN—GRANITE

Jurassic and Cretaceous granitoids in the Stanovoy, Dzhugdzhur, and Pribrezhnyy Ranges and the magmatism in nonfolded areas. L.I.Krasnyi. Izv.vys.ucheb.zav.;geol.i razv. no.3:23-31 Mr '60.

SIBERIA, EASTERN—INDUSTRIES

Zubkov, A.I. [Prospects for the development of the industrial centers of Eastern Siberia] Perspektivy razvitiia promyshlennykh uzlov Vostochnoi Sibiri. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3, Ekonomika, no.21)

SIBERIA, EASTERN—INSECTS AS CARRIERS OF DISEASE

Parasitological work in the sanitary protection of state frontiers. I.F.Zhovtyi and others. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:240-257 '57.

SIBERIA, EASTERN—LOESS

Molodykh, I.I. [Loess in the southern part of the area between the Angara and Oka rivers] Lessovye porody iuzhnoi chasti Angaro-Okinskogo mezhdurech'ia. Irkutsk, Akad.nauk SSSR, 1960. 64 p.

SIBERIA, EASTERN—MITES

Materials for a study of the trombiculid mites of Siberia and the Far East. I.F.Zhovtyi and others. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:156-172 '57.

SIBERIA, EASTERN—NATURAL RESOURCES

Zubkov, A.I. [Prospects for the development of the industrial centers of Eastern Siberia] Perspektivy razvitiia promyshlennykh uzlov Vostochnoi Sibiri. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.3, Ekonomika, no.21)

SIBERIA, EASTERN—RAILROADS—CONSTRUCTION

Organization of the construction of the Tayshet-Lena railroad cannot serve as an example for the construction projects of Eastern Siberia. V.V.Zhdanov. Transp.stroi. 10 no.5:47-49 My '60.

SIBERIA, EASTERN—WATER VOLES

Eastern limits of the water vole. N.I.Firstov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:125-129 '57.

SIBERIA, WESTERN—ALFALFA

Savel'ev, N.M. [Biological principles underlying the cultivation of alfalfa for seed production in Western Siberia] Biologicheskie osnovy vozdelyvaniia semennoi liutserny v Zapadnoi Sibiri. Moskva, Izd-vo Akad.nauk SSSR, 1960. 350 p.

SIBERIA, WESTERN—ENCEPHALITIS

Prerequisites of the division of the West Siberian Lowland into epidemiological landscape regions with regard to tick-borne encephalitis. G.I.Netskii, O.V.Ravdonikas. Trudy Inst.zool.AN Kazakh.SSR 12:30-42 '60.

Types of foci of tick-borne encephalitis in Western Siberia and their elimination. S.P.Karpov, V.M.Popov, A.G.Kolmakova. Trudy Inst.zool.AN Kazakh.SSR 12:23-29 '60.

SIBERIA, WESTERN—FROZEN GROUND

Deep-lying formations of permafrost rocks in Western Siberia. A.A.Zemtsov. Izv.AN SSSR.Ser.geog. no.4:88-93 Jl-Ag '60.

SIBERIA, WESTERN—WATER SUPPLY, RURAL—CONGRESSES

Interprovince conference of specialists in the water economy of the Urals and Western Siberia. V.P.Boguslavskii. Gidr.i mel. 12 no.6:62-63 Je '60.

SIBERIAN FOLKLORE see Folklore, Siberian

SIBERIAN PLATFORM—CORALS, FOSSIL

Biostratigraphic characteristics of Ordovician and Silurian Tabulata and Heliolitidae of the Siberian Platform. B.S.Sokolov. Dokl.AN SSSR 133 no.2:435-437 Jl '60.

Macrorelief and distribution of some useful minerals in the trap zone of central Siberia. IA.A.Galushko. Dokl.AN SSSR 133 no.1:189-192 Jl '60.

Morphological characteristics of the Siberian Platform relief and neotectonics. S.S.Korzhuev. Izv.AN SSSR.Ser.geog. no.4:11-23 Jl-Ag '60.

SIBERIAN PLATFORM—ILMENORUTILE

Ilmenorutile from carbonatites in the northern Siberian Platform. M.I.Tuchkova. Inform.biul.NIIGA no.14:28-29 '59.

SIBERIAN PLATFORM—MINES AND MINERAL RESOURCES

Macrorelief and distribution of some useful minerals in the trap zone of central Siberia. IA.A.Galushko. Dokl.AN SSSR 133 no.1:189-192 Jl '60.

SIBIRTSEV, NIKOLAI MIKHAILOVICH, 1860-1900

In memory of Professor Nikolai Mikhailovich Sibirtsev; on the one-hundredth anniversary of his birth and sixtieth anniversary of his death. N.A.Kachinskii. Vest.Mosk.un.Ser.6: Biol.,pochv. 15 no.3:54-66 My-Je '60.

Life and activities of Nikolai Mikhailovich Sibirtsev. S.S.Sobolev. Pochvovedenie no.7:3-7 '60.

N.M.Sibirtsev's work on soil classification and cartography. IU.A.Liverovskii. Pochvovedenie no.7:8-13 '60.

One-hundredth anniversary of Nikolai Mikhailovich Sibirtsev's birth. I.V.Tiurin. Pochvovedenie no.7:1-2 '60.

SICILY—SOCIAL CONDITIONS

Mafia. Igor' Biriukov. Smena 37 no.11:20-30 Je '60

SIEROZEM SOILS see subdivision under Chu Valley; Talas Valley

SIGNALS AND SIGNALING, AUTOMOBILE

I'm in a hurry! Get out of my way! Znan.sila 35 no.5:13 My '60.

SIKHOTE-ALIN' PRESERVE—NEMATODA

Nematodes Encephalonema longimicrofilaria gen. et sp. n. from the brain of birds [with summary in English]. A.M.Parukhin, P.G.Oshmarin. Zool.zhur. 39 no.6:934-936 Je '60.

SIKHOTE-ALIN' RANGE—BOTANY

New plant species in the alpine flora of the Sikhote-Alin' Range. G.E.Kurentsova, N.G.Vasil'ev. Bot.zhur. 45 no.5:717-719 My '60.

SIKHOTE-ALIN' RANGE—ROCKS, IGNEOUS

Petrochemical characteristics of Mesozoic and Cenozoic volcanic rocks on the eastern slope of the southern Sikhote-Alin' Range. E.V.Bykovskaia. Zap.Vses.min.ob-va 89 no.2:195-207 '60.

SILANE

Acyloxysilanes. IU.K.IUr'ev, Z.V.Beliakova. Usp.khim. 29 no.7:809-832 Jl '60.

Conjugated systems. Part 121: Addition of lithium alkyls to trialkylvinylacetylenylsilanes. A.A.Petrov, A.V.Kormer, M.D.Stadnichuk. Zhur.ob.khim. 30 no.7:2243-2248 Jl '60.

Control of the production of organosilicon liquids and lacquers. Report No.2: Control of the process of synthesis of ethylethoxysilanes. V.T.Shemiatenkova and others. Plast.massy no.4:15-17 '60.

Investigation of the composition of phenylethoxysilanes produced in the phenylation of the ethyl ester of o-silicic acid. D.IA.Zhinkin, A.G.Kuznetsova, M.A.Chinenova. Plast.massy no.4:13-15 '60.

SILICA

(see also subdivision under Bol'shaya Shaytanovka Valley)

Interaction in the system BeO - SiO_2. E.N.Isupova, E.K.Keler. Zhur.neorg.khim. 5 no.5:1126-1131 My '60.

Sorption of water vapor and the heat of wetting of silica gels [with summary in English]. E.F.Nekriach, Z.A.Samchenko. Koll.zhur. 22 no.3:293-296 My-Je '60.

Theory of the corpuscular structure of xerogels. Part 1: Preparation of silica gels from large globules with different numbers of contacts, and investigation of the gels by the adsorption method [with summary in English]. A.V.Kiselev, T.A.Pogosian. Koll.zhur. 22 no.3:314-322 My-Je '60.

SILICATES

(see also subdivision under Aldan Plateau)

Budnikov, P.P. [Selected works] Izbrannye trudy. Kiev, Izd-vo Akad.nauk USSR, 1960. 571 p.

Characteristics of the foliation in binary silicate and borate systems. A.G.Kotlova, IA.I.Ol'shanskii, A.I.Tsvetkov. Trudy IGEM 42:3-20 '60.

Glassy gallium silicates and their properties. S.K.Dubrovo, I.S.Lileev. Zhur.prikl.khim. 33 no.7:1471-1476 Jl '60.

lecture of December 8, 1959). N.A.Toropov. Zhur.neorg.khim. 5 no.4:763-771 Ap '60.

Problems of the crystal chemistry of silicates. N.V.Belov. Kristallografiia 5 no.1:15-18 Ja-F '60.

Production and use of autoclave-hardened cellular concretes and silicates. I.T.Kudriashov. Bet.i zhel.-bet. no.6:245-247 Je '60.

Technology and properties of cellular silicates made with super-fine grained lime. I.T.Kudriashov, E.S.Grodzenskaia. Stroi.mat. 6 no.7:18-21 Jl '60.

SILICIC ACID

Investigation of the composition of phenylethoxysilanes produced in the phenylation of the ethyl ester of o-silicic acid. D.IA.Zhinkin, A.G.Kuznetsova, M.A.Chinenova. Plast.massy no.4:13-15 '60.

Rapid method for determining silicic acid in clay, kaolin, and highly aluminous "uralit" compositions. G.F.Proskuriakova, E.M.Shtol'man. Stek.i ker. 17 no.7:32-35 Jl '60.

SILICIDES

Electric, thermoelectric, and galvanomagnetic properties of silicides of transition metals. V.S.Neshpor, G.V.Samsonov. Dokl.AN SSSR 133 no.4:817-820 Ag '60.

SILICON

Cyclotron resonance in germanium and silicon and the roll of negative effective masses [with summary in English]. IU.Kagan. Zhur.eksp.i teor.fiz. 38 no.6:1854-1865 Je '60.

Electrochemical and photoelectrochemical behavior of a silicon electrode. S.U.Izidinov, T.I.Borisova, V.I.Veselovskii. Dokl.AN SSSR 133 no.2:392-395 Jl '60.

Kinetics of electrode processes on a silicon electrode in acid and alkaline solutions. E.N.Paleolog, K.S.Korotkova, N.D.Tomashov. Dokl.AN SSSR 133 no.1:170-173 Jl '60

Lomashov, I.P. [Germanium and silicon are the most important semiconductors] Germanii i kremnii - vazhneishie poluprovodnikovye materialy. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 51 p.

Silicon diffusion in chromium steel. Z.G.Ordina. Metalloved.i term.obr.met. no.6:46-47 Je '60.

Weltzin, W., and H.Hauschild. [Silicones and their use in finishing textile products. Translated from the German by A.A.Rogovina] O silikonakh i ikh primenenii v otdelke tekstil'nykh izdelii. Pod red.B.M.Bogoslovskogo. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1958. 89 p.

SILICON—ANALYSIS

Determination of microimpurities in silicon from the γ-spectra of their radioisotopes. K.I.Erokhina and others. Zav.lab. 26 no.7:821-827 '60.

Determination of silicon and other impurities in selenium. V.L.Ginzburg, N.P.Glikhovetskaia. Zav.lab. 26 no.5:559-561 '60.

New method for the simultaneous determination of silicon and halides in silicon organic compounds. M.N.Chumachenko and others. Dokl.AN SSSR 133 no.1:138-140 Jl '60.

Radioactivation analysis of semiconducting silicon by means of a multi-channel γ-spectrometer [with summary in English]. I.E.Makasheva, I.A.Maslov, A.P.Obukhov. Zhur.anal.khim. 15 no.3:329-333 My-Je '60.

SILICON CHLORIDE

Standard enthalpy of formation of silicon tetrachloride. A.F.Vorob'ev, V.P.Kolesov, S.M.Skuratov. Zhur.neorg.khim. 5 no.7:1402-1408 Jl '60.

Systems: $SiCl_4$ - PCl_3, $SiCl_4$ - $POCl_3$, and $SiCl_4$ - PCl_5. L.A.Nisel'son, G.V.Seriakov. Zhur.neorg.khim. 5 no.5:1139-1145 My '60.

SILICON-CHROMIUM ALLOYS

Studying slag viscosity and the best slag composition for making single-stage silicon-chromium alloys. N.L.Zhilo. Stal' 20 no.8:715 Ag '60.

SILICON-COPPER ALLOYS

Determination of carbon in silicon-copper alloys
Terent'ev, B M.Luskina, S.V.Slavtsilio. Pl
no 5 65-66 '60

SILICON CRYSTALS

Etching composition f
con single crystals.
Zav.lab. 26 no.6:7

SILICON FLUORIDES

Separation of silicon fluori
in the welding process an
Podgaetskii, T.P.Noviko
19-22 Je '60.

SILICON IODIDE

Systems SiI_4 - BI_3 and SiI_4-
Cherniaev. Zhur.neorg.kh
'60.

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON ORGANIC COMPOUNDS
Effect of polar additives on the quality of lithium greases based on silicone liquids. L.G.Gromova, A.I.Dintses. Khim.i tekh.topl.i masel 5 no.6:29-35 Je '60.
New method for the simultaneous determination of silicon and halides in silicon organic compounds. M.N. Chumachenko and others. Dokl.AN SSSR 133 no.1:138-140 Jl '60.
Prosniakov, A.G. [Conquered molecule] Pokorennaia molekula. [Moskva] Mosk.rabochii, 1960. 55 p.
Synthesis of organosilicon oligomers containing hydroxy phenyl groups. K.A.Andrianov, A.A.Zhdanov, L.S. Bikaheeva. Plast.massy no.5:18-21 '60.
Tetraacyloxysilanes in organic synthesis. Part 28. Acylation of benzene by silicon β-chloropropionic and γ-chlorobutyric anhydrides. Part 29. Preparation of organic acid anhydrides from their silicon anhydrides. IU.K.Iur'ev and others. Vest.Mosk.un.Ser.2:Khim. 15 no.1:61-64 '60.
Tris (triorganosilyl) phosphates. N.F.Orlov, M.G.Voronkov. Zhur.ob.khim. 30 no.7:2224-2229 Jl '60.

SILK MANUFACTURE
Comparative data on the operation of a finishing carriage type unit and of the OK-1 machine. N.IA.Kirilenko, K.IA.Iofina. Khim.volok. no.3:56-58 '60.
Improve planning in the supply of silk fabrics. A.Kiprianov. Sov.torg. 33 no.6:58 Je '60.

SILK MANUFACTURE—HYGIENIC ASPECTS
Happiness. B.Tret'iachenko. Okhr.truda i sots.strakh. 3 no.3:44-45 Mr '60.

SILKWORMS
Biodynamics of cocoon spinning in white-cocoon varieties of the silkworm Bombyx mori. I.Khalmatov. Uzb.biol. zhur. no.3:65-69 '60.
Development of wintering pupae of the pernyi moth under different temperature and light conditions. K.V.Kar[illegible], N.V.Ka[illegible]. Prats.Inst.zool.AN URSR 16:71-80 '60.
Features of the emergence, flight and mating of the pernyi moth (Antheraea pernyi G. M.). P.O.Sytko. Prats.Inst.zool.AN URSR 16:81-90 '60.
Growth of certain varieties and hybrids of the pernyi silkworm fed under different thermal conditions. V.O. Kolybin. Prats.Inst.zool.AN URSR 16:111-117 '60.
Hygrothermal conditions and duration of the wintering of eggs of white cocoon varieties of pernyi moths in the Ukrainian S.S.R. I.V.Karlash. Prats.Inst.zool. AN URSR 16:[illegible]-110 '60.
Mating and fertilizing ability of the male pernyi moth as related to length of time kept at different temperatures. A.V.Bobach. Prats.Inst.zool.AN URSR 16:91-95 '60.
Relation between the sexual dimorphism of the Chinese pernyi moth. P.O.Sytko. Prats.Inst.zool.AN URSR 16:68-71 '60.

SILLIMANITE
Cement-fibrolite partition slabs. I.Kadushkin. Sil'.bud. 10 no.5:7 My '60.

SILOS
Determining the pressure of cement on walls of reinforced concrete silos by experiment. B.A.Petrov. Sbor. nauch.trud.LISI no.30:172-185 '60.
Mobile wooden and metal casings for concreting silos. S.G.Shi[illegible]kovaikov. Prom.stroi. 38 no.6:11-16 '60.
"Norms and technical specifications for designing structures for emitting feeds." Biul.stroi.tekh. 17 no.6: 6-8 Je '60.

SILOXANE
Methods of synthesis of 1,n-diethoxymethylchloromethylsiloxanes and reactions of substitution of chlorine in the α-chloromethyl group. K.A.Andrianova, L.M.Volkova. Zhur.ob.khim. 30 no.7:2393-2397 Jl '60.
Reaction of structure formation of polydimethylsiloxanes during the cold vulcanization of polysiloxane rubbers. Z.N.Nudel'man, A.S.Novikov. Kauch.i rez. 19 no.5:17-20 My '60.
Reactions of bis (phenylaminomethyl) tetramethyldisiloxane with acids. K.A.Andrianov, L.M.Volkova. Zhur. ob.khim. 30 no.7:2397-2400 Jl '60.
Synthesis and properties of vinylsiloxane rubber. L.K. Stavitskii, V.M.Svetozarova. Kauch.i rez. 19 no.5: 6-11 My '60.

SILT
Solving a problem on the transportation of silt and its simulation. Ways for expanding research on the movement of silt. I.V.Egiazarov. Izv.AN Arm.SSR. Ser.tekh.nauk 13 no.1:3-20 '60.

SILVER
Effect of selenium and tellurium on the catalytic action of silver in the oxidation of ethylene. V.E.Ostrovskii, N.V.Kul'kova, A.D.Nedbaeva. Dokl.AN SSSR 133 no.1:75-77 Ag '60.
Oligodynamic action of chemically pure metallic silver [with summary in English]. A.I.Kl[illegible], I.A.Kam[illegible]. Mikrobiologiia 29 no.3:[illegible] My-Je '60.

SILVER CHLORIDE
Exposing dislocations in rolled plates of silver chloride by etching. V.M.Stepanova, V.V.Pokrovskii, V.R. Regel'. Kristallografiia 5 no.1:108-114 Ja-F '60.
Interaction between silver chloride, lead chloride, and zinc in melts. A.P.Pal'kin, IU.P.Afinogenov. Zhur. neorg.khim. 5 no.7:1555-1558 Jl '60.

SILVER-CHROMIUM-PALLADIUM ALLOYS see Palladium-silver-chromium alloys

SILVER CYANATE
Fluorination of silver and potassium cyanates. A.IA. IAkubovich, M.A.Engin, S.P.Makarov. Zhur.ob.khim. 30 no.7:2374-2377 Jl '60.

SILVER IONS
"Holy water" and silver. B.N.Komarov. Nauka i zhizn' 27 no.6:49 Je '60.
Investigating the interaction of macrocyanines with silver ions in solution. K.I.Pokrovskaia. Usp.nauch.fot. 7:191-200 '60.

SILVER SULFIDE
Electric conductivity of fused silver sulfide. A.A. Velikanov. Ukr.khim.zhur. 26 no.3:319-324 '60.

SILYL GROUP
Vibration frequencies of Si - H and Si - D bonds, and electronegativity of silyl groups. V.A.Ponomarenko, IU.P.Egorov. Izv.AN SSSR.Otd.khim.nauk no.6: 1133-1135 Je '60.

SIMFEROPOL—CLOTHING INDUSTRY
A factory of communist labor. S.Tkachuk. Blok.agit [Ukr.] no.11:50-55 My '60.

SIMFEROPOL—ELECTRIC MACHINERY INDUSTRY
You shouldn't tolerate the inefficient work of your coworkers. A.Shatkov. Blok.agit [Ukr.] no.16:[illegible] Je '60.

SIMILITUDE, THEORY OF
Similitude laws for a turbulent boundary layer on a flat plate [with summary in English]. K.V.Grishanin. Inzh.-fiz.zhur. no.2:32-35 F '60.

SIMONOV, KONSTANTIN MIKHAILOVICH, 1915-
In the name of the living ("The living and the dead", a novel by K.Simonov. Reviewed by I.Vinogradov). Novyi mir 36 no.8:[illegible] Ag '60.

SIMPLIFICATION IN INDUSTRY
Standardization of cabins and equipment in ship repairing. P.G.Turchin. Sudostroenie no.7:49-52 Jl '60.

SINITSKII, VLADIMIR MIKHAILOVICH, 1896-
At the exhibition of landscape paintings by V.Sinitskii. [illegible] 41 no.5:38-40 '60.

SINKIANG PROVINCE see Sinkiang Uigur Autonomous region

SINKIANG UIGUR AUTONOMOUS REGION—WATER SUPPLY ENGINEERING
Construction of water intakes in the Sinkiang Uigur Autonomous Region of the Chinese People's Republic. S.V.Pankovskii. Gidr.i mel. 12 no.5:40-50 My '60.

SINTERING
Economy of fuel and quality of the sinter. V.V.Vinogradov. Metallurg 5 no.7:5-7 Jl '60.
Effect of heterodiffusion in surface layers of particles on shrinkage during sintering [with summary in English] I.M.Fedorchenko. Dop.AN URSR no.6:781-787 '60.
Kinetics of the sintering of metallic powders. R.R.Mints. Zhur.neorg.khim. 5 no.4:900-911 Ap '60.
New methods of investigating the sintering process. I.D. Mogil'nitskii, L.A.Grabovskii. Tsvet.met. 33 no.7: 19-21 '60.
Sintering of magnetite concentrates containing pyrrhotine. M.S.Bykov. Izv.vys.ucheb.zav.;chern.met. no.6: 30-40 '60.
Studying conditions for the acceleration of the sintering process and preparing a high-basicity fluxed sinter. N.V.Kets, A.I.Konstantinov. Stal' 20 no.8:690 Ag '60.

SINUSITIS
Albumin-globulin and phagocytic coefficients in chronic paranasal sinusitis. P.V.Sergienko. [illegible] 19 no.5:120-131 S-O '59.

SIUTSOU, IVAN, 1922-1959
Literant life ("Troubles and happiness", a novel by Ivan Siutsou. Reviewed by V.Kryshtal'). Belarus' 17 no.8:30 Ag '60.

SIZING (TEXTILE)
Conversion of sizing machines to gas. V.M.Korolev, R.V.Shingarev. Izv.vys.ucheb.zav.;tekh.tekst.prom. no.3:88-91 '60.

SKATING see subdivision under Vienna

SKATING RINKS see subdivision under Tallinn

SKIDEL' DISTRICT—AGRICULTURE
How we attained a rich harvest. [illegible] Belarus' 17 no.[illegible] '60.

SKIDEL REGION—AGRICULTURE—TECHNOLOGICAL INNOVATIONS
[illegible]

SKIN
Importance of capillaroscopy and dermal thermometry in the diagnosis of the early stages of obliterating endarteritis. M.D.Aratunov. [illegible] '58.
Morphology of the face [illegible] Dokl.AN [illegible]
Recent [illegible]
Seasonal changes [illegible]
Skin temperature [illegible]
Some cytochemical indications of [illegible] in the epithelium and fibroblasts of the skin [illegible]
Structure of the cuticle [illegible]

SKIN—CARE AND HYGIENE
Young people [illegible]

SKIN—DISEASES
[illegible]
Kuibyshev. [illegible] [Collection of research [illegible]] [illegible] 102 p. (DISEASES)
Zil'bergol'ts, M.L. [illegible] 1959. 102 p. (DISEASES)

SKIN—INNERVATION
[illegible]
Role of the functional state of the [illegible] [with summary in English] [illegible]

SKIN—TRANSPLANTATION
Comparative [illegible] [with summary in English] [illegible]

SKIN—WOUNDS AND INJURIES
Regenerative hypertrophy of [illegible] [with summary in English] [illegible]

SKIN EFFECT
Skin effect at [illegible] [with summary in English] [illegible] M.D. Raizer. [illegible] '60.

SKIN GRAFTING
[illegible]

SKIRTS
[illegible]

SKITSKII, BORIS VASIL'EVICH, [illegible]
Boris Vasil'evich [illegible] 29 My-Je '60.

SKULL—ABNORMITIES AND DEFORMITIES
Problem of the [illegible]

SKULL—WOUNDS AND INJURIES
Irradiation of excitation [illegible] system function [illegible] Trudy [illegible] '59.

Phasic conditions in patients with late consequences of closed craniocerebral trauma. A. I. Stepanov. Trudy LIETIN 2:187-196 '59.

Problems of disability evaluation in neurotic manifestations at a late period following closed craniocerebral trauma. A. S. Borzunova, M. M. Topina, E. A. Sanamian. Trudy LIETIN 2:218-224 '59.

Role of pathogenetic therapy (vagosympathetic block and medication sleep) in the treatment of patients with closed skull injuries [in Azerbaijani with Russian summary]. G. R. Kurbanov, D. M. Mamedov. Azerb. med. zhur. no. 5:53-55 My '60.

Some peculiarities in the structure of response reactions of persons who have suffered closed craniocerebral trauma. B. D. Asafov. Trudy LIETIN 2:197-203 '59.

SKULTE, ADOLFS, 1909-

A vocal symphony by A. Skulte. V. Berzinh. Sov. muz. 24 no. 6:14-16 Je '60

SKURKO, EVGENII IVANOVICH, 1912-

"Poetry of struggle. Maksim Tank and western White Russian literature" by Uladzimir Kalesnik. Reviewed by G. Shkrabo. Vop. lit. 4 no. 8:199-201 Ag '60.

SLADKOV, IVAN DAVYDOVYCH, 1889-1932

Lanin, R. S. Ivan Sladkov. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 125 p. (Moriaki-geroi grazhdanskoi voiny)

SLAG

Cement made of molten slags. I. D. Ershov. TSement 26 no. 3:11-16 My-Je '60.

Effect of the change of primary slag composition on the temperature of the hearth and blast furnace performance. A. A. Gluzmel'farb. Izv. vys. ucheb. zav.; chern. met. no. 6:15-20 '60.

Effect of using activated furnace slag compositions instead of plain concretes in making certain reinforced concrete construction elements. A. G. Kalashchenko, A. S. Zorich. Sbor. trud. IUZHNII no. 3:161-109 '59.

Evaluating the binding properties of slags according to their chemical and mineralogical composition. P. P. Budnikov, V. S. Gorshkov, T. A. Khmelevskaia. Stroi. mat. 6 no. 5:29-31 My '60

Hardening of the separate components of furnace slags. IU. M. Butt, O. M. Astreeva, Z. S. Krasnomoshchnikaia. TSement 26 no. 3:6-13 My-Je '60.

Slag formation during blast furnace smelting with fluxed sinter [with summary in English]. B. N. Starshinov and others. Stal' 20 no. 8:673-680 Ag '60.

Smelting ilmenite concentrates for the preparation of rich titanium slag. V. IU. Kravnik. TSvet. met. 33 no. 5: 49-56 My '60.

"Using slags as aggregates for lightweight concretes" by M. P. Elinzon. Reviewed by V. V. Lapin, G. A. Buzhevich. Bet. i zhel. bet. no. 7:336-337 Jl '60.

SLAG—ELECTRIC PROPERTIES

Determining the electric conductivity of high-temperature slags. B. A. Lisitkov, V. M. Pustyl'nikov. Vest. AN Kazakh. SSR 16 no. 5:70-75 My '60.

SLAG—SPECTRA

Accuracy of the spectrographic method of analysis of open hearth slags. K. I. Ionova. Zav. lab. 26 no. 5: 551-557 '60

Use of the plasmatron for the spectrum analysis of slags. IU. K. Kvaratskheli. Zav. lab. 26 no. 5:557-560 '60.

SLAG—TESTING

Studying slag viscosity and the best slag composition for making single-stage silicon-chromium alloys. N. L. Zhilo. Stal' 20 no. 8:715 Ag '60.

SLATE ROOFING see Roofing, Slate

SLEEP

Motor activity of the dog stomach during digestion and under drug-induced sleep. Part 2: Effect of sleep on the motor activity of the dog stomach during digestion [with summary in English]. A. P. Poleshchuk. Fiziol. zhur. [Ukr.] 6 no. 2:201-212 '60.

SLEEP—THERAPEUTIC USE

Influence of medication sleep on the secretory function of the stomach [with summary in English]. A. P. Poleshchuk. Vrach. delo no. 6:569-576 Je '60.

Role of pathogenetic therapy (vagosympathetic block and medication sleep) in the treatment of patients with closed skull injuries (in Azerbaijani with Russian summary). G. R. Kurbanov, D. M. Mamedov. Azerb. med. zhur. no 5:53-55 My '60.

SLIDE RULE

Slide rule for determining parameters of welding in an atmosphere of inert gases. I. L. Koval'skii. Svar. proizv. no. 8:42-43 Ag '60.

SLONIM DISTRICT—SWINE—FEEDING AND FEEDS

So that we may have the mountains of meat. A. Rakuts' Rab i sial 36 no 6:10 Je '60

A vocal cycle by S. Slonimskii. R. Frid. Sov. muz. 24 no. 7:46-48 Jl '60.

SLONITSA VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Microfauna of Oligocene and Miocene deposits of the Vorotyshche River (Ciscarpathia). N. N. Subbotina. Trudy VNIGRI no. 153:157-263 '60.

SLOT MACHINES see Vending machines

SLOWACKI, JULIUSZ, 1809-1849

Problems in the works of Juliusz Slowacki at the beginning of the 1840's. N. Balashov, IA. Staniukovich. Vop. lit. 4 no. 7:144-163 Jl '60.

SLUCH' VALLEY—PASTURES AND MEADOWS

Vegetation of bottom-land meadows in the middle Sluch' Valley. I. I. IAsinskii. Vestsi AN BSSR. Ser. biial. nav. no. 2:53-66 '60

SLUCH' VALLEY—PLANT COMMUNITIES

Plant association in the upper floodlands of the Sluch' River. I. I. IAsinskii. Biul. Inst. biol. AN BSSR no. 3: 40-45 '58.

SLUICE GATES

Hydraulic characteristics of conical floodgates. N. V. Kokala. Gidr. stroi. 30 no. 7:46-50 Jl '60.

SLUICE GATES—VIBRATION

Investigating the pulsations of a hydrodynamic gross load as a basis for calculating the vibration of flat submerged gates. A. S. Abelev. Izv. VNIIG 58:26-51 '58.

SMALLPOX
(see also subdivision under Moscow)

Dubrovinskii, S. B. [Smallpox and smallpox vaccination] Ospa i ospoprivivanie. Moskva, Medgiz, 1959. 160 p. (Biblioteka prakticheskogo vracha)
(DNLM)

SMALLPOX—PREVENTION

Case of complication following smallpox vaccination. V. K. Viazhevich. Fel'd. i akush. 25 no. 5:41-45 My '60.

SMELIAKOV, IAROSLAV VASIL'EVICH, 1913-

"A discussion about what is most important", new book of verse by IAroslav Smeliakov. Reviewed by Al Mikhailov. Novyi mir 36 no 6:256-259 Je '60

SMELL

Dog scent and its role in trailing [with summary in English]. L. V. Krushinskii, D. A. Fless, V. V. Rylov. Biul. MOIP. Otd. biol. 65 no. 1:127-134 Ja-F '60.

SMELTING

Process of mineral formation in the smelting of oxidized nickel ores. V. V. Lapin, N. N. Kurtseva. Trudy IGEM 12:41-50 '60.

SMELTING—EQUIPMENT AND SUPPLIES

Determining moments by the weight of the liquid metal being poured through the nozzle of a conic ladle. V. A. Karpeko. Izv. vys. ucheb. zav.; chern. met. no. 6:155-171 '60

SMELTING—QUALITY CONTROL

Improving 18KhNVA steel properties. N. V. Kats, A. I. Komissarov. Stal' 20 no. 8:721 Ag '60.

SMELTING—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

SMELTING—TESTING

Methods of investigating heats of charge-resistance batch furnaces. S. I. Khitrik. Trudy NTO chern. met. 18: 3-10 '59.

SMIDOVICH, VIKENTII VIKENT'EVICH, 1867-1945

V. Veresaev's work on a short story. IU. Babushkin. Vop. lit. 4 no. 7:192-204 Jl '60.

SMIRNOV, BORIS LEONIDOVICH

Cleaving the diseases.... V. Krupin. Ogonek 38 no. 33: 20-21 Ag '60.

SMIRNOVA-ZAMKOVA, ALEKSANDRA IVANOVNA, 1880-

Aleksandra Ivanovna Smirnova-Zamkova, on her 80th birthday. N. N. Strotinin. Vrach. delo no. 7:139-140 Jl '60.

Eightieth birthday of Aleksandra Ivanovna Smirnova-Zamkova, member of the Academy of Sciences of the Ukrainian S.S.R. R. IE. Kavets'kyi. Fiziol. zhur. [Ukr.] 6 no. 3:421-424 My-Je '60.

SMOKE PREVENTION

Controlling smoke in housing developments around electric power stations. N. Vlasenko. Zhil. stroi. no. 7:6-8 Jl '60.

SMOKING

May nursing mothers smoke? M. M. Bubnova. Zdorov'e 6 no. 6:13 Je '60

AND BAKERIES—EQUIPMENT
AND SUPPLIES

Our efficiency promoters. V. A. Drozdov. Khleb. i kond. prom. 4 no. 7:35 Jl '60.

SMOLENSK—MEDICINE—STUDY AND TEACHING

Russia (1917- R. S. F. S. R.) Ministerstvo zdravookhraneniia. [Forty years of the Smolensk State Medical Institute, 1920-1960] 40 let Smolenskomu gosudarstvennomu meditsinskomu institutu, 1920-1960 gg. Red. kollegiia: G. M. Starikov i dr. Smolensk, Izd-vo Smolenskogo gos. med. in-ta, 1960. 189 p.

SMOLENSK—MUSIC

Musical spring in Smolensk. S. Borisova. Sov. muz. 24 no. 6:161-166 Je '60.

SMOLENSK PROVINCE—REPAIR AND SUPPLY STATIONS

Boarders against their will. I. Gordeev. Fin. SSSR 21 no. 5:57-59 My '60.

SMOLYCH, IURII, 1900-

Flowering talent. Vasyl' Kozachenko. Ukraina no. 14: 8 Jl '60.

A writer goes forward with the people. Sov. Ukr. 10 no. 7:3-5 Jl '60.

SMOTRICH VALLEY—CAVES

Mystery of Zaluch'ye caverns. S. Shkurko. Ukraina no. 15:32 Ag '60.

SNAKES—PARASITES see Parasites—Snakes

SNORING

Can snoring be cured? M. E. Puzin. Zdorov'e 6 no 6: 31 Je '60

SNOW see subdivision under Ural Valley; Volga Valley

SNOW—OPTICAL PROPERTIES

Albedo of the surface of drift ice. N. N. Briazgin. Probl. Arkt. i Antarkt. no. 1:33-39 '59.

SNOW SURVEYS

Kuz'min, P. P. [Formation of the snow cover and methods of determining the snow supply] Formirovanie snezhnogo pokrova i metody opredeleniia snegozapasov. Leningrad, Gidrometeor. izd-vo, 1960. 169 p.

SNOWDROPS

Biological characteristics of bulbaceous geophytes as related to their past and present ecology. I. P. Savos'kin. Bot. zhur. 45 no. 7:1073-1078 Jl '60.

SOAKING PITS see Furnaces, Heating

SOBINKA—BRICK INDUSTRY

A plant works all the year round. A. Kuz'min. Prom. koop. 14 no. 6:20 Je '60.

SOCCER

A bravo for the team. Jacques Modin. Ogonek 38 no. 30:24 Jl '60.

Fedotov is on the field again. M. Aleksandrov. Smena 37 no. 11:16 Je '60

The first registration of the cup is in Moscow. M. Merzhanov. Ogonek 38 no. 29:25-26 Jl '60.

If we remember the past. Aleksandr Starostin. Smena 37 no 10:10-11 My '60.

Soccer became younger. M. Merzhanov. Ogonek 38 no. 26:31 Je '60.

SOCHI—DESCRIPTION

[Sochi; on the 50th anniversary of the Sochi-Matsesta Resort] Sochi; k 50-letiiu Sochi-Matsestinskogo kurorta. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1959. 62 p.

SOCHI—SANATORIUMS

Sanatorium "Avangard," a rest home of the pensioners. V. Ivanov. Sots. obesp. 21 no. 5:35-36 My '60

SOCIAL CONDITIONS

People's thanks! Sov. mor. 20 no. 10:1 My '60.

SOCIAL CONFLICT

Is the class struggle in contemporary capitalist society abating? F. Karabanov. Otv. na vop. trud. no. 112:28-33 '60.

The nature of contradictions relating to the surviving traces of capitalism in the conscience of the Soviet people. B. G. Dolgodilin. Vest. Mosk. un. Ser. 8. Ekon., filos. 15 no. 4:51-62 Jl-Ag '60.

SOCIAL DEMOCRATIC PARTY see subdivision under Germany, West

SOCIAL DISTINCTIONS see Class distinction

SOCIAL GROUP WORK see subdivision under Bashkiria; Kharkov; Kharkov Government, Lithuania; Lvov Province; Ukraine

SOCIAL GROUP WORK—STUDY AND TEACHING

Apropos of a form of education; selected notes Sots. kul't. 13 no. 6:19-20 Je '60.

New methods in the training of club personnel O. Sokal's'kyi. Sots. kul't. 13 no. 6 21-22 Je '60.

SOCIAL SCIENCE RESEARCH see subdivision under Ukraine

SOCIAL SCIENCES
(see also subdivision under Ukraine)

How V. G. Belinskii tried to solve the problem of the intrinsic nature of practical work and its role in the cognitive process B. M Ivanov Uch. zap. Kaf. filos RPI no 2:135-145 '59.

Results of a discussion. A. I. Verbin, F. K. Kochetkov, D. I. Koshelevskii. Vop. filos. 14 no. 7:167-170 '60.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

Improvement of the teaching of social sciences. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:163-166 '56.

SOCIAL SECURITY see Insurance, Social

SOCIALISM see subdivision under Korea

SOCIALISM—BIBLIOGRAPHY see Bibliography—Socialism

SOCIALISM—CONGRESSES

Problems of public education at the Brussels Congress of the First International. S. A. Frumov. Sov. pedag. 24 no. 4:131-150 Ap '60.

Unpublished document by V. I. Lenin. Nov. i noveish. ist. no. 2:3-7 '60.

SOCIALISM AND WOMEN see Women and socialism

SOCIALIST COMPETITION
(see also subdivision under Kazakhstan, Leningrad, Leninogorsk; Moscow, Ukraine)

Among the initiators of the competition S T. Grigor'ev Uchet. i fin. v kolkh. i sovkhoz 17 no 5 5-8 My '60

Answering our readers Sov. profsoiuzy 16 no. 9:39-42 My '60

Appeal of the participants in the All-Union Conference of Leading People in the Competition for the Title of Brigade and Shock Worker of Communist Labor to all working people of the Soviet Union. Geod. i kart. no. 6: 3-7 Je '60.

Competing with the railroad workers of the German Democratic Republic. V. V Gorbatov. Put' i put. khoz. 4 no. 7:6-7 Jl '60.

Constellation of labor Mikhail Matusovskii Moskva 4 no. 7:3-12 '60.

Following Lenin's precepts. Put' i put. khoz. 4 no. 4:4 Ap '60.

From socialist to communist labor. A. Liapin. Vop. ekon. no. 8:32-44 Ag '60.

Grishin, V. V. [Develop the competition of the brigades and shock workers of communist labor in every possible way; a report and closing address at the All-Union Conference of the Leading Brigades and Shock Workers of Communist Labor, May 27-30, 1960] Vsemerno razvivat' sorevnovanie brigad i udarnikov kommunisticheskogo truda; doklad i zakliuchitel'noe slovo na Vsesoiuznom soveshchanii peredovikov sorevnovaniia brigad i udarnikov kommunisticheskogo truda 27 i 30 maia 1960 goda. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 47 p.

If you succeed, help your comrade. L. Pozdniakova. Komsom. zhizn' no. 10:10-13 My '60.

Joyous upbringing. M. Roshchin. Znamia 30 no. 8: 134-157 Ag '60.

Leading workers in socialist competition. Zhil.-kom khoz 10 no 6 4-5 '60

My comrades. Valentina Gaganova. Znamia 30 no. 7: 149-154 Jl '60.

Nationwide expansion of the innovators' movement. Put' i put. khoz. 4 no. 7:1-2 Jl '60.

Powerful movement of modern times. Zhel. dor. transp. 42 no. 7:3-8 Jl '60.

Promote communist labor. Avt transp 38 no 7 1-3 Jl '60.

Questions dictated by life. V. Voronkov Sov profsoiuzy 16 no. 9 19-21 My '60.

Resounding step of leading workers I Iroshnikova Ogonek 38 no 23 1-3 Je '60.

"Scouts of the future" movement grows from day to day. Komsom. zhizn' no. 10:7-10 My '60.

Scouts report .. G. Anzimirov Smena 37 no 11 2-3 Je '60

Tested method of communist construction Sov. profsoiuzy 16 no 9 32-34 My '60

Two cities at the same level of heroism and work. S. Sergeev. Otv. na vop. trud. no. 115:3-10 '60.

Unquenchable light of Lenin's idea of socialist competition. A. Veshchikov, S. Levitin. Polit. samoobr. 4 no. 5: 18-30 My '60.

We are going to extend considerably the socialist competition. Obshchestv pit. no. 6 3-4 Je '60.

Zakhar'in, A. I. [Benefits of production mechanization] Chto daet mekhanizatsiia proizvodstva. [Leningrad] Lenizdat, 1960. 50 p. (Moskva i Leningrad sorevnuiutsia)

SOCIALIST JOURNALISM see Journalism, Socialist

SOCIALIST PARTIES see subdivision under Austria; France

SOCIETY, PRIMITIVE

Development of property forms in a primitive society as a basis for determining its historical divisions. A. I. Pershits. Trudy Inst. etn. 54:151-172 '60.

Division of labor in a primitive society. N. A. Butinov. Trudy Inst. etn 54:109-150 '60.

On the problem of the military democracy. M. O. Kosven. Trudy Inst. etn. 54:241-261 '60.

SOCIOLOGY
(see also subdivision under Great Britain)

"Forms of social consciousness" by V. Kelle, M. Koval'zon. Reviewed by A. A. Ivanov [in English]. Vest. ist. mir. kul't. no. 2:143-146 Mr-Ap '60.

Marxism-Leninism on the role of external conditions in the development of human societies K. I Lukashov Vestsi AN BSSR Ser. hram nav. no. 2:35-43 '60

Shariia, K. S. [Relationship between general and specific laws of social development] K voprosu o sootnoshenii obshchikh i spetsificheskikh zakonov obshchestvennogo razvitiia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1960. 115 p.

SOCIOLOGY—CONGRESSES

Notes about the work of the Fourth International Congress of Sociologists K. Buslau Vestsi AN BSSR Ser. hram. nav no. 2 132-134 '60

The Third International Sociological Congress. Vest. Mosk. un. Ser. ekon., filos., prava 11 no. 2:189-190 '56.

SODA INDUSTRY

Selection of a parameter regulating the conditions of heating a distillation station for soda production. G A Tkach Khim prom 2 122-127 Mr '60.

SODIUM

On the discovery of the polymerizing influence of metallic sodium. M. L. Genusov. Trudy LTI no. 58:43-44 '59.

"Sodium and potassium" by A. F. Alabyshev and others. Reviewed by I. IA. Volkind Zhur. prikl. khim 33 no 7: 1661-1663 Jl '60.

SODIUM—ISOTOPES

Angular distribution of Na^{24} nuclei and fission fragments in the interaction of high energy protons with nuclei of gold and uranium A. K Lavrukhina and others Zhur. eksp. i teor. fiz. 38 no 3 994-995 Mr '60.

SODIUM ALUMINATE

Letter to the editor. M. S. Beletskii, IU. G. Saksonov. Zhur. neorg khim 5 no 5:1183 My '60.

SODIUM BROMIDE

Fusibility diagram of a ternary system consisting of sodium, potassium, and lead bromides. I. I. Il'iasov, G. G. Shchemeleva, A. G. Bergman. Zhur. neorg. khim. 5 no. 6:1254-1256 Je '60.

SODIUM CARBONATE

Solubility in the system Na_2SO_4 - $NaHCO_3$ - $NaCl$ - H_2O. G. V. Sukmanskaia, P. S. Bogoiavlenskii. Zhur. neorg. khim. 5 no. 4:978-984 Ap '60.

SODIUM CHLORIDE see Salt

SODIUM CHLORITE

Radiation chemistry of oxychlorine compounds. Part 1: Action of X rays on aqueous solutions of sodium chlorite [with summary in English]. L. T. Bugaenko, E. P. Kaliazin, N. A. Bakh. Zhur. fiz. khim. 34 no. 6:1243-1249 Je '60.

SODIUM FORMATE

Continuous method of production of sodium formate from a solution of sodium hydroxide and carbon monoxide S. N. Kazarnovskii, O. L. Lebedev. Khim. prom. 2:114-115 Mr '60.

SODIUM GALLIUM CARBONATE

Some physicochemical properties of sodium gallium carbonate. T. V. Permiakova, I. S. Lileev. Zhur. neorg. khim 5 no. 5:999-1002 My '60.

SODIUM HYDROXIDE

Anodic oxidation of magnesium in alkali solutions [with summary in English]. B. A. Pospelov. Zhur. fiz. khim. 34 no. 5:957-958 My '60.

Continuous method of production of sodium formiate from a solution of sodium hydroxide and carbon monoxide S. N. Kazarnovskii, O. L. Lebedev. Khim. prom. 2 114-115 Mr '60.

Exchange of a sulfonic group for a hydroxy group in the aromatic series. Part 5: Kinetics of the reactions between a sodium hydroxide solution and the sodium salts of 1-naphthalenesulfonic acid and 2-methyl-6-naphthalenesulfonic acid. N. N. Vorozhtsov, S. M. Shein. Ukr. khim. zhur. 26 no. 3:341-346 '60.

SODIUM IODIDE CRYSTALS

Determination of small amounts of thallium in single crystals of sodium iodide by thallium. A. M. Bulgakova, A. M. Volkova, G. S. Plotnikova. Trudy IREA no. 23: 102-105 '59.

SODIUM IODINE CRYSTALS

Growth of NaI (Tl) single crystals with doubly controlled temperature. B. A. Belikovich, A. B. Lyskovich. Kristallografiia 5 no. 1:120-126 Ja-F '60.

SODIUM METAPHOSPHATE

Potentiometric determination of the solubility of metal oxides in fused sodium metaphosphate IU. K. Delimarskii, V. N. Andreeva Zhur. neorg khim 5 no 5:1123-1125 My '60.

SODIUM NIOBATE CRYSTALS

Spiral growth layers on sodium niobate crystals. N. V. Gliki, V. A. Timofeeva. Kristallografiia 5 no. 1:105-107 Ja-F '60.

SODIUM OXIDE

Solubility isotherm of the system Na_2O - H_2O - As_2O_5 at 75° (concerning the process of the alkaline refining of lead). G. G. Urazov, B. M. Lipshits, V. S. Lovchikov. Zhur. neorg. khim. 5 no. 4:950-952 Ap '60.

SODIUM PERCHLORATE

Fusibility diagram for the binary system $NaClO_4$ - $LiClO_4$. I. A. Zakharova, V. G. Markova, A. A. Zinov'ev. Zhur. neorg. khim. 5 no. 4:914-916 Ap '60.

SODIUM PYROPHOSPHATE

Solubility of throium pyrophosphate in acids and study of solid phase - solution equilibria in the systems ThP_2O_7 - $Na_4P_2O_7$ - H_2O and ThP_2O_7 - $Th(NO_3)_4$ - H_2O F M Filinov and others. Zhur neorg. khim 5 no. 5 1149-1156 My '60.

SODIUM SILICATE

Solubility diagram of the quaternary system Na_2SiO_3 - K_2SiO_3 - $NaOH$ - KOH - H_2O. Report No. 1: Solubility diagram of the system Na_2SiO_3 - KOH - H_2O at 0°C. M. G. Manvelian and others. Izv. AN Arm. SSR Khim. nauki 13 no. 1:25-30 '60.

SODIUM SULFATE

Mutual solubility in the quaternary system H_3BO_3 - Na_2SO_4 - $MgSO_4$ - H_2O at 60°. A. D. Bokturov, E. G. Konobritskii. Zhur. neorg. khim. 5 no. 4:945-949 Ap '60.

Solubility in the system Na_2SO_4 - $NaHCO_3$ - $NaCl$ - H_2O. G. V. Sukmanskaia, P. S. Bogoiavlenskii. Zhur. neorg. khim. 5 no. 4:978-984 Ap '60.

Study of the solubility of K_2SO_4 and Na_2SO_4 in a mixture of alkali - aluminate solutions of potassium and sodium. B. Kh. Shvartsman. Zhur. prikl. khim. 33 no. 5: 1048-1052 My '60.

SODIUM SULFITE

Bubble absorption of sulfur dioxide resulting in the production of a concentrated solution of ammonium bisulfite I. N Kuz'minykh, D. M Popov, B. I. Gorbachev. Khim prom. 2:128-132 Mr '60.

New state standards for anhydrous sodium sulfite and hydroquinone (paradioxybenzol). Tekh. kino i telev. 4 no. 6:73 Je '60.

SODIUM THIOCYANATE

Copolymerization of acrylonitrile and α-vinylpyridine in an aqueous solution of sodium thiocyanate. M. A. Zharkova, G. I Kudriavtsev. Khim. volok no. 3: 15-18 '60

SODIUM TUNGSTATE

Interaction between Na_2WO_4 and $C_2O_4^{=}$ ions in aqueous solution. A. A. Vorontsova, I. V. Tananaev. Zhur. neorg. khim. 5 no. 4:964-968 Ap '60.

Use of sodium tungstate in the titrimetric determination of iron and titanium [with summary in English]. L. I. Veselago. Zhur. anal. khim. 15 no. 3:321-324 My-Je '60.

SOFIA—THEATER

At performances in Sofia. B. L'vov-Anokhin. Teatr no. 8:175-180 Ag '60.

The play "King Lear" presented for a diploma. E. Sh. Teatr 21 no 6:185-186 Je '60

SOFRONOV, ANATOLII VLADIMIROVICH, 1911-

Original character. N. Gromov. Znamia 30 no. 7:222-224 Jl '60.

SOGDIAN LANGUAGE—VERB

The past tense with the morpheme "z" in the Sogdian language [with summary in English]. M. N. Bogoliubov. Vest. LGU 15 no. 14:140-141 '60.

SOIL BINDING

Vegetation for the stabilization of embankment slopes. S. E. Kuznetsov. Put' i put. khoz. 4 no. 7:20-21 Jl '60.

Role of organic matter in the formation of mobile mineral phosphates. A.N.Ilialetdinov. Izv.AN Kazakh.SSR. Ser.bot.i pochv. no.3:26-31 '60.

State of thiamine in soils [with summary in English]. A.G.Gebgard, R.F.Repitskii, E.I.Shteinberg Izv. AN SSSR.Ser.biol. no.3:401-408 My-Je '60.

OIL CHEMISTRY see subdivision under Kura Lowland; Lenkoran region

OIL CONSERVATION

(see also subdivision under China)

Calculating the width of erosion-preventing forest stands. I.I.Starchenko. Pochvovedenie no.7:110-111 '60.

OIL FAUNA

Materials on practical use of predatory fungi in the control of some geohelminthiases. F.F.Soprunov, IU.IA.Tendetnik. Trudy Gel'm.lab. 10:192-194 '60.

OIL FORMATION

Soil formation processes and classification of alluvial soils in the steppe zone of the Central Black Earth Region [with summary in English]. E.P.Voronova. Pochvovedenie no.7:43-52 '60.

IL FREEZING

Calculating the speed of freezing percolating soils by a series of cores until the consolidation of ground-ice cylinders. A.I.Pekhovich. Izv.VNIIG 58:187-200 '58.

Studying processes of moisture migration and the formation of segregational ice in freezing and frozen rocks A.A.Ananian. Trudy Gidroproekta 3:121-140 '60

Uniform distribution of the refrigerant in pipes. P.I. Pleskunov, G.I.Solomakhin. Izv.vys.ucheb.zav.;stroi i arkhit. no.2:117-120 '60.

Use of the freezing method in deep ground investigations in the construction of the Volga Hydroelectric Power Station. IA.L.Kogan Trudy Gidroproekta 3:63-74 '60.

IL MECHANICS

(see also subdivision under Caspian Sea; Salekhard region; Stalingrad Hydroelectric Power Station region; Switzerland; Volga Hydroelectric Power Station region)

bout E.I.Medkov's article "Calculating natural foundations according to their deformations." Osn.,fund.i mekh.grun. 2, no.4:25-26 '60.

alculating the stability and strength of earth foundations of hydraulic structures. I.N.Shcherbina. Trudy Gidroproekta 2:137-167 '59.

"Calculating the strength of foundations" by V.G. Berezantsev. Reviewed by M.V.Malyshev. Osn., fund.i mekh.grun. 2 no.3:31-32 '60.

ompressibility of clayey soils. S.N.Egorov. Trudy Gidroproekta 3:75-90 '60.

onference on methods and instruments for testing mechanical properties of soils. Osn.,fund.i mekh.grun. 2 no.4:12 '60.

ynamic compression testing of saturated sand. I.A. Sazykin. Transp.stroi. 10 no.7:39-41 Jl '60.

ffect of organic materials in fill foundations on the settlement of structures. V.I.Krutov. Osn., fund.i mekh.grun. 2 no.3:26 '60.

xperimental study of the forces of lateral friction of concrete surfaces against soil [with summary in English]. H.M.Petrenko. Dop.AN URSR no.6:740-745 '60.

iltration capacity and deformations due to loads and to the lowering of the water table in loess and loesslike soils in the southeastern part of the Ukraine. I.N. Kruglov. Osn., fund.i mekh.grun. 2 no.3:10-12 '60.

nvestigation of clayey soils as material for hydraulic embankments. I.A.Vinkhirev. Trudy Gidroproekta 3:191-208 '60.

aboratory methods of determining the shear strength of cohesive soils. G.P.TSarev. Trudy Gidroproekta 3:171-177 '60

ethod for fast determination of soil strength. F.S. Lovetskii. Trudy Gidroproekta 3:178-190 '60.

ethod of calculating cohesive forces in estimating the erosion resistance of cohesive soils. TS.E.Mirtskhulava Meteor.i gidrol. no.7:30-32 Jl '60.

onerosive velocities for noncohesive soils and factors determining them. V.S.Knoroz. Izv.VNIIG 59:62-84 '58.

recise solution of the problem of dynamic pressure of bulk materials on a supporting wall considered as a system with two degrees of freedom N.K.Snitko Izv. vys.ucheb.zav.;stroi.i arkhit. no 2:52-57 '60.

ropagation velocity of longitudinal waves in granular media. F.M.Liakhovitskii. Trudy Gidroproekta 3:319-325 '60.

eismoacoustic study of the monolithic properties of hard and semihard rocks. V.I.Koptev. Trudy Gidroproekta 3:299-303 '60.

he theory of stress distribution in granular soil foundations. I.I.Kandaurov. Osn.,fund.i mekh.grun. 2 no.4:6-9 '60.

IL MECHANICS—BIBLIOGRAPHY see Bibliography—Soil mechanics

SOIL MICRO-ORGANISMS

(see also subdivision under Khibiny Mountains; Lenkoran Lowland, Tien Shan)

Microflora of oribatid mites (Oribatei) [with summary in English]. E.A.Moskacheva. Zool.zhur. 39 no.7: 1025-1031 Jl '60.

New fungi isolated from soils of Leningrad Province. O.P.Kamyshko. Bot.mat.Otd.spor.rast. 13:162-167 '60.

New species of fungi from Siberian soils. S.A.Kulik. Bot.mat.Otd.spor.rast. 13:133-137 '60.

SOIL MOISTURE

Effect of soil factors on principal characteristics of some forest types in the southern taiga zone [with summary in English]. A.IA.Orlov. Biul.MOIP.Otd.biol. 65 no.3:116-131 My-Je '60.

Lower limit of the availability of moisture of plants in peat soils [with summary in English]. F.R.Zaidel'man, V.G.Vinogradov. Pochvovedenie no.7:98-100 '60.

Moisture balance in clayey soils near foundations of finished buildings. F.I.Fedorov. Osn.,fund.i mekh.grun. 2 no.4:18-19 '60.

Moisture in clayey soils as one of the factors of their bearing capacity. E.T.Panfilov. Osn.,fund.i mekh. grun. 2 no.4:13-14 '60.

"Physiological aridity" of habitat in tundras K.V.Zvorykin, N.L.Chepurko Vop.geog no 48 242-255 '60.

SOIL PARTICLES see subdivision under Tomsk Province

SOIL PERCOLATION

(see also subdivision under Moscow Province; Stalingrad Hydroelectric Power Station region; Ukraine)

Calculating the amount of seepage through bedding sands. N.I.Ershov. Avt.dor. 23 no.7:23-25 Jl '60.

Coefficient of water yield in Boussinesq's equation. O.N.Nosova. Izv.VNIIG 58:213-221 '58.

Effect of protective facings on elements of a percolating flow in the body and the foundation of earth dams N.I. Druzhinin. Izv.VNIIG 58:201-212 '58.

Effect of the distribution of the fractions on the infiltration ability of large-size various-grained soils. Sh.B. Sugurov. Izv.AN Kazakh.SSR.Ser.energ. no.2:60-65 '60.

Experimental investigation of the coefficient of water yield in Boussinesq's equation. O.N.Nosova. Izv. VNIIG 59:200-209 '58.

Experimental investigation of the seepage capacity of hydraulic fill. I.P.Fedorenko. Izv.VNIIG 58:222-230 '58.

Method of seepage calculations in designing earth dams. A.O.Voshchinin Trudy Gidroproekta 2 57-77 '59

Seepage calculations for hydraulic tunnels. G.M.Lomize, V.M.Nasberg. Izv.VNIIG 58:162-176 '58.

SOIL PHYSICS

Effect of lamination on the magnitude of structural cohesion of soils. I.S.Bashindzhagian. Dokl.AN Azerb.SSR 16 no.3:271-274 '60.

SOIL RESEARCH

(see also subdivision under Kazakhstan)

Relation between the specific electric conductivity and the porosity of soils [with summary in English]. D.A. Fridrikhsberg, IU.S.Bol'shakova, T.S.Lipshits. Koll. zhur. 22 no.3:357-364 My-Je '60.

SOIL STABILIZATION

Consolidating loess soils by colmatation. V.S.Shekhovtsov. Osn., fund.i mekh.grun. 2 no.3:15-17 '60.

Consolidating microporous loesslike soils by the method of silication. A.A.Akimov. Osn., fund.i mekh.grun. 2 no.3:14-15 '60.

The new LKVVIA-3 soil-compacting machine. S.A.Gusev. Gidr.i mel. 12 no.7:61-64 Jl '60.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions for deep stabilization of macroporous sagging (loess) soils using soil piles in constructing foundations of buildings and structures] Instruktsii po glubinnomu uplotneniiu makroporistykh prosadochnykh (lessovykh) gruntov gruntovymi svaiami v osnovanii zdanii i sooruzhenii (SN 33-58). Moskva, Gos.izd-vo lit-ry po stroit., arkhit.i stroit.materialam, 1959. 35 p.

Soil piles. N.Landa. Stroitel' no.6:22 Je '60.

"Vibrators for packing concrete mixes and soils" by M.P. Zubanov. Reviewed by V.V.Eliseev. Stroi.i dor. mashinostr. 5 no.7:40 Jl '60.

SOIL STABILIZATION—COLD WEATHER CONDITIONS

Stabilizing sagging soils by heavy ramming and without using moisture under winter conditions. S.N.Egorov. Osn., fund.i mekh.grun. 2 no.3:18-20 '60.

SOIL TEMPERATURE

(see also subdivision under Saratov Province)

Dynamics of chlorophyll accumulation in oat leaves (Avena sativa L.) in relation to soil temperature and nitrogen nutrition. R.S.Limar'. Bot.zhur. 45 no.5:739-742 My '60.

of soil factors on principal characteristics of some forest types in the southern taiga zone [with summary in English]. A.IA.Orlov Biul MOIP.Otd.biol 65 no 3 166-131 My-Je '60

Flow of heat into the earth when air temperature is above soil temperature F.A Beletskii. Trudy SIMSKII no.14:142-145 '59.

Variable character of the thermal and physical properties of soils according to their contour, and their effect on the temperature of the soil [with summary in English]. A.F.Chudnovskii. Inzh.-fiz.zhur. no.7:51-59 Jl '60.

SOILS

(see also subdivision under Aral Sea region; Arpa Valley, Tien Shan Province; Baikal region; Buryat-Mongolia; Dnieper Basin; Europe, Eastern; Kirghizistan, North Kazakhstan Province; Ortosyrt; Pskov Province)

Chizhevskii, M.G., and others. [Agriculture with principles of soil science] Zemledelie s osnovami pochvovedeniia. Pod red.M.G.Chizhevskogo. Izd.2., perer. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 431 p.
(DA)

"History of soil science in Russia" by D.G.Vilenskii. Reviewed by N.P.Remezov. Vop.ist.est.i tekh. no.9: 180-182 '60.

Nikol'skii, N.N. [Soil science; a textbook for practical experiments] Pochvovedenie; posobie dlia prakticheskikh zaniatii. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 320 p.
(DA)

SOILS—ANALYSIS

(see also subdivision under Kura-Aras Lowland)

Determining the total amount of potassium in soils with the spirit flame photometer. P.G.Grabarov, E.A. Solodnikova. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3:44-47 '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Soils; methods of laboratory analysis] Grunty; metody laboratornykh opredelenii. Izd ofitsial'noe. Moskva, 1959. 18 p. (Gosudarstvennye standarty SSSR)

SOILS—BACTERIOLOGY

Seasonal dynamics of microbiological processes and its agronomic significance. E.N.Mishustin, Z.F.Tepliakova. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3: 15-25 '60.

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CLASSIFICATION

(see also subdivision under Azerbaijan)

N.M.Sibirtsev's work on soil classification and cartography. IU.A.Liverovskii. Pochvovedenie no.7:8-13 '60.

SOILS—COMPOSITION

(see also subdivision under Karelian Isthmus)

Immediate tasks in studying the biological cycle of elements and its role in soil formation. N.P.Remezov. Vest.Mosk.un.Ser.6: Biol.,pochv. 15 no 3:8-18 My-Je '60.

Role of the roots of herbaceous vegetation in the nitrogen and mineral cycle. L.N.Bykova, N.G.Zyrin. Vest. Mosk.un.Ser.6: Biol.,pochv. 15 no.3:67-75 My-Je '60.

SOILS—MAPS

N.M.Sibirtsev's work on soil classification and cartography. IU.A.Liverovskii. Pochvovedenie no.7:8-13 '60.

SOILS—PHOSPHORUS CONTENT

Role of organic matter in the formation of mobile mineral phosphates. A.N.Ilialetdinov. Izv.AN Kazakh.SSR. Ser.bot.i pochv. no.3:26-31 '60.

SOILS—POTASSIUM CONTENT

Determining the total amount of potassium in soils with the spirit flame photometer. P.G.Grabarov, E.A. Solodnikova. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3:44-47 '60.

SOKOLOVSKII, AVRAAM LEVKOVICH, 1904-1960
Avraam Levkovich Sokolovskii. Khleb.i kond.prom. 4 no.7:48 Jl '60.

SOKOL'SKII, DMITRII VLADIMIROVICH, 1910-
Anniversary celebration of Academician D.V.Sokol'skii of the Kazakh Academy of Sciences. E.G.Golodov. Vest.AN Kazakh.SSR 16 no.6:76-77 Je '60.

SOKOL'SKII, NIKOLAI GRIGOR'EVICH, 1897-1960
Nikolai Grigor'evich Sokol'skii; obituary. Avt.dor. 23 no.7:29 Jl '60.

SOLAR ENERGY
(see also subdivision under Georgia)
Elements for automatically controlling the tracking of a solar heat-power station. IA.T.Shermazanian, R.R.Aparisi. Izv.AN Arm.SSR.Ser.tekh.nauk 13 no.1:57-70 '60.
Radiant heating ring around the planet. M.Gorodskii. Tekh.mol. 28 no.5:23-24 '60.
A ring around the earth. S.Bobrin. Belarus' 17 no.8:19 Ag '60.

SOLAR HEATING
Solar water heaters. B.V.Petukhov. Vod.i san.tekh. no.8:9-13 Ag '60.

SOLAR PLEXUS
Sources of afferent spinal nerve fibers of the semilunar ganglia of the solar plexus in a cat. I.B.Khelmman. Trudy Inst.fiziol.AN BSSR 3:247-251 '59.

SOLAR RADIATION
Actinometric observations in the U.S.S.R. foreseen in the program of the International Geophysical Year [with summary in English]. Z.I.Pivovarova, T.T.Pleshkova. Nek.probl.meteor. no.1:96-111 '60.
Nonstationary continuous emission of flares [with summary in English]. A.B.Severnyi. Izv.Krym.astrofiz.obser. 22:67-71 '60.
Relation between the intensity of radiation streams and atmospheric stratification. I.I.Sakali. Trudy UkrNIGMI no.19:90-95 '59.
Sun is returned to the city. S.Muratov. Zdorov'e 6 no.7:26-27 Je '60.

SOLAR RADIATION—OBSERVATIONS
Recorded integral heat values of solar radiation between 61° n. lat. and 60° n. lat. IU.G.Rybkov. Dokl.AN SSSR 133 no.2:352-354 Jl '60.

SOLAR RADIATION—PHYSIOLOGICAL EFFECT
In the hot sun. I.M.Grigorovskii. Zdorov'e 6 no.7:30 Je '60.

SOLAR SPECTRUM see Spectrum, Solar

SOLAR WATER HEATERS
Once more on solar water heaters. B.Petukhov. N.i zh. [illegible] no.7:68 Jl '60.

SOLDER AND SOLDERING
BM-1 gaseous flux for gas and solid soldering, welding and hard facing, and equipment for its use. Khim.prom. no.1:85-86 Ja-F '60.
"Metal soldering in furnaces with protective atmospheres" by R.E.Fesenbin. Reviewed by I.P.Petrunin, V.M.Komarov. Svar.proizv. no.8:41 Ag '60.
Synthetic powder instead of lead-tin solders. I.S.M.Vol. Obm.tekh.opyt.mor.transp. no.13:14 '60.
Transformer type electric soldering tool. V.I.Il'inkov, V.I.Kutuzov. Vest.elektroprom. 31 no.6:73-74 Je '60.

SOLDER AND SOLDERING—EQUIPMENT AND SUPPLIES
Universal painting soldering iron. V.A.Salin. Mashinostroitel' no.7:13 Jl '60.

SOLDIERS
The crimes of imperialistic militarism. A.Kotarev. Prop.i agit. 41 no.9:49-51 My '60.

SOLDIERS—RECREATION
Makeikin, A.V., and A.A.Shpakovskii. [Communist Youth League organization and soldiers' off duty hours] Komsomol'skaia organizatsiia i dosug voinov. Moskva, Voen.izd-vo M-va obor.SSSR, 1960. 63 p. (Bibliotechka komsomol'skogo aktivista)

SOLID SOLUTIONS see Solutions, Solid

SOLIDS
Calorimeter for measuring the enthalpy of decomposition of solids [with summary in English]. A.P.Vorob'ev, N.M.Privalova, S.M.Skuratov. Zhur.fiz.khim. 34 no.5:1142-1144 My '60.
Method of group theory in the quantum physics of a solid (spatial symmetry). A.V.Sokolov, V.P.Shirokovskii. Usp.fiz.nauk 71 no.3:485-514 Jl '60.

SOLOMATINA, ZINAIDA FEDOROVNA
The hero of socialist labor. M.Borisov. Grazhd.av. 17 no.5:8 My '60.

SOLONCHAK SOILS
(see also subdivision under Volga-Akhtuba Flood Plain)
Activity of enzymes in Solonchak soils. A.Sh.Galstian. Dokl.AN Arm.SSR 30 no.1:61-63 '60.

SOLONETZ SOILS
(see also subdivision under Pavlodar Province, Semipalatinsk Province)
Physicochemical investigations with reference to the reclamation of Solonetz soils [with summary in English]. I.N.Antipov-Karataev. Izv.AN SSSR.Ser.biol. no.3:361-370 My-Je '60.

SOLOUKHIN, VLADIMIR ALEKSEEVICH, 1924-
Poetry of a pastoral childhood ("Dewdrop" by Vladimir Soloukhin. Reviewed by IU.Burtin). Novyi mir 36 no.7:250-254 Jl '60.

SOLOV'EVA, NADEZHDA MIKHAILOVNA
Badge of Honor. A.Lomarev. Zemlia sibirsk. 15 no.6:11 Je '60.

SOLOV'EVSK—ANIMALS, HABITS AND BEHAVIOR OF
Diurnal activity of the Mongolian gerbil and Brandt's field mouse. A.N.Leont'ev. Izv.Irk.gos.nauch.-issl.protivochum.inst. 16:78-84 '57.

SOLUBILITY
Ionization potential of atoms and reciprocal solubility of metals. A.A.Vorob'ev, P.A.Savintsev, [illegible]. Izv.vys.ucheb.zav.;fiz. no.3:133-134 '60.
Study of the solubility of K_2SO_4 and Na_2SO_4 in a mixture of alkali-aluminate solutions of potassium and sodium. B.Ekh.Shvartsman. Zhur.prikl.khim. 33 no.5:1048-1052 My '60.

SOLUTION (CHEMISTRY)
Adiabatic theory of electron processes in solutions. V.G.Levich, R.R.Dogonadze. Dokl.AN SSSR 133 no.1:158-161 Jl '60.
Concentration sensitivity of some elements in a high frequency discharge with hydraulic compression. Zh.Zheenbaev. Izv.vys.ucheb.zav.;fiz. no.3:101-106 '60.
"The electrochemistry of solutions" by N.A.Izmailov. Reviewed by A.P.Kreshkov. Zhur.anal.khim. 15 no.3:380-381 My-Je '60.

SOLUTION (CHEMISTRY)—ELECTRIC PROPERTIES
Theory of solutions. Part 10: Effect of fluctuations on the dielectric constant of homogeneous isotropic systems [with summary in English]. M.I.Shakhparonov. Zhur.fiz.khim. 34 no.7:1476-1487 Jl '60.

SOLUTION (CHEMISTRY)—THERMAL PROPERTIES
Thermal conductivity of nonaqueous salt solutions [with summary in English]. I.G.Fil'darov. Zhur.fiz.khim. 34 no.6:1205-1211 Je '60.

SOLUTIONS, SOLID
Crystal structure of a solid solution consisting of 61.1% paradiiodobenzene and [illegible]% paradibromobenzene. Tran Dun Chat, IU.T.Struchkov. Izv.AN SSSR.Otd.khim.nauk no.6:1010-1011 Je '60.
Determining the number of independent parameters of long-range and short-range order in multicomponent solid solutions. A.N.Men', [illegible]. Fiz.met.i metalloved. 9 no.6:802-809 Je '60.

SOLUTIONS, SOLID—OPTICAL PROPERTIES
Scattering of X-rays by strongly distorted homogeneous solid solutions. M.A.Krivoglaz. Kristallografiia 5 no.1:24-31 Ja-F '60.

SOLVENTS
Treating cotton fibers with organic solvents to increase the friction force between separate fibers. [illegible], Sh.U.Usmanov, V.E.Rubkin. Izv.vys.ucheb.zav.;tekh.tekst.prom. no.1:31-34 '60.

SOMALIA
Somaliland. Blok.agit. [Ukr.] no.10:61-63 Je '60.

SOMALIA—ECONOMIC CONDITIONS
The Somali Republic. V.Ismailov. Nov.vrem. 18 no.29:14-15 Jl '60.
Somalia's struggle for independence. I.Zarina. Mir.ekon.i mezhdunar.otn. no.7:131-134 Jl '60.

SOMALIA—POLITICS AND GOVERNMENT
The Somali Republic. V.Ismailov. Nov.vrem. 18 no.29:14-15 Jl '60.
Somalia's struggle for independence. I.Zarina. Mir.ekon.i mezhdunar.otn. no.7:131-134 Jl '60.

SORBENTS
Soveshchanie po prirodnym mineral'nym sorbentam. Kiev, 1958. [Natural mineral sorbents; proceedings of the conference held June 9-12, 1958 in Kiev] Prirodnye mineral'nye sorbenty; trudy. Kiev, 1960. 370 p.

SORBOSE
Improvement of processes for the isolation of crystalline sorbose. L.O.Shnaidman, O.N.Shevyreva. Trudy VNIVI 6:60-62 '59.
Methods for the isolation of diacetone sorbose from the reaction mass in the production of ascorbic acid. L.O.Shnaidman and others. Trudy VNIVI 6:30-[illegible] '59.
Oxydation of diacetone sorbose by permanganate. L.O.Shnaidman and others. Trudy VNIVI 6:[illegible] '59.
Salt separation of the products of the acetonation of sorbose. E.A.Petrova, L.P.Litvak, R.R.Lantor. Trudy VNIVI 6:[illegible] '59.

SOROKINSKIY DISTRICT (TYUMEN' PROVINCE)—DISORDERLY CONDUCT
The most important problem concerns the prevention of offenses. M.[illegible]. Sov.deput.trud. no.7:75-78 Jl '60.

SORPTION
Contribution to the study of trace element sorption by the carbonate system of natural waters. O.A.Alekin, N.P.Moricheva. Dokl.AN SSSR 133 no.4:[illegible] Ag '60.
Sorption of water vapor and the heat of wetting of silica gels [with summary in English]. [illegible], Z.A.Samchenko. Koll.zhur. 22 no.[illegible]-200 My-Je '60.
Sorption of water vapor and the heats of wetting of some polyamides [with summary in English]. [illegible], Z.A.Samchenko. Koll.zhur. 22 no.[illegible] My-Je '60.

SORTING DEVICES—TECHNOLOGICAL INNOVATIONS
[illegible]. N.Chertkov. [illegible] no.8:[illegible] Ag '60.

[illegible] DISTRICT—BRONZES
Findings of bronze ornaments in [illegible] districts. IU.S.Vinogradskii, [illegible]. [illegible] '60.

SOUND
Rzhevkin, S.N. [Lecture course on the theory of sound] Kurs lektsii po teorii zvuka. [Moscow] Izd-vo Mosk. univ., 1960. 334 p.
Unilateral conditions [illegible] into one [illegible]. [illegible] AN [illegible] 21 no.1:[illegible] Ap '60.

SOUND—EQUIPMENT AND SUPPLIES
Artificial reverberation [illegible]. A.Dol'nik. [illegible]
Selective [illegible] microphones. [illegible] Je '60.

SOUND—RECORDING AND REPRODUCING
Telegraphic distortions [illegible]. IU.A.Molodtsov. [illegible] '60.
Feedback method for correcting the frequency [illegible] characteristics of electromechanical [illegible]. IU.G.Zarenin. [illegible] '60.
Modernization of the [illegible] motion picture projector. [illegible]
Scientific [illegible].

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND—SPEED
Measurement of [illegible].

SOUND WAVES
Effect of heat conductivity on the [illegible] crystals [with summary in English]. [illegible]. Zhur.eksp.i teor.fiz. [illegible]

SOUNDING ROCKETS see Rockets [illegible]

SOUTH AFRICA, UNION OF—[illegible]
Survey of the foreign press. [illegible] '60.

SOUTH AFRICA, UNION OF—METALLURGY
Metallurgy in foreign countries. [illegible] Metallurg [illegible]

SOUTH AFRICA, UNION OF—NATIVE RACES
What have witches to do with it. [illegible] Jl '60.

SOUTH AFRICA, UNION OF—POLITICS AND GOVERNMENT
What have witches to do with it. [illegible] Jl '60.

SOUTH KAZAKHSTAN PROVINCE—CLIMATE
Climate of South Kazakhstan. [illegible]

SOUTH KAZAKHSTAN PROVINCE—FARM BUILDINGS
An economic method of building in a village. N.Mel'nikov. Nar.khoz.Kazakh. [illegible] My '60.

SOUTH KAZAKHSTAN PROVINCE—HOUSING
An economic method of building in a village. N.Mel'nikov. Nar.khoz.Kazakh. 18 no.5:35-37 My '60.

SOUTHERN BUG VALLEY—STONE AGE

Neolithic period in the Bug Valley and the problem of the development of the Tripol'ye Culture. V.N.Danilenko. Krat.soob.Inst.arkheol AN URSR no.9:3-9 '60.

SOVEREIGNTY

The nature of sovereignty K Savichev Otv na vop trud no 136 31-37 '60

SOVETSKAYA GAVAN—FLEAS

Brief communication on fleas among rodents from the vicinity of Sovetskaya Gavan N.S Beliaeva. Izv. Irk.gos.nauch -issl.protivochum.inst. 17:131-133 '58.

SOVIET CENTRAL ASIA—BOTANY—MAPS

"Vegetation map of Central Asia." Reviewed by G.I. Dokhman. Biul.MOIP.Otd.biol. 65 no.1:151-153 Ja-F '60.

SOVIET CENTRAL ASIA—CARUM

A new genus of the carrot family. B.K.Shishkin. Bot mat Gerb. 20:279-281 '60

SOVIET CENTRAL ASIA—CLIMATE

Balashova, E.N., O.M. Zhitomirskaia, and O.A. Semenova. [Climatic characteristics of the republics of Central Asia] Klimaticheskoe opisanie respublik Srednei Azii. Leningrad, Gidrometeor.izd-vo, 1960. 240 p.

SOVIET CENTRAL ASIA—DEUTEROMYCETES

Diagnoses of new species of fungi [in Latin] B.K.Kalymbetov. Bot.mat.Otd.spor.rast. 13:246-249 '60.

SOVIET CENTRAL ASIA—GAS, NATURAL—GEOLOGY

Oil and gas potentials of Central Asia. N.Tunov. Geol. nefti i gaza 4 no.6:48-51 Je '60.

SOVIET CENTRAL ASIA—GYPSUM

Chemical characteristics of certain gypsums in Central Asia V M Glushchenko. Zap Uz otd Vses min ob-va no 13:139-145 '59

SOVIET CENTRAL ASIA—HISTORY

Together forever. Uzbekistan 16 no.6:17 Je '60.

SOVIET CENTRAL ASIA—JURINEA

New species of the genus Jurinea Cass. from Central Asia. M M.Il'in Bot.mat.Gerb. 20 341-355 '60

SOVIET CENTRAL ASIA—MAPS

Maps of Central Asia, Kazakhstan and adjoining lands, prepared by Ivan Lilutev. R L. Iligai Izv.Uzb.fil. Geog ob-va 1 119-172 '60

SOVIET CENTRAL ASIA—PETROLEUM GEOLOGY

Oil and gas potentials of Central Asia. N.Tunov. Geol. nefti i gaza 4 no.6:48-51 Je '60.

SOVIET CENTRAL ASIA—RAILROADS—CONSTRUCTION

Thirty years of the Turkestan-Siberia Railroad. G.I. Novozhilov. Transp.stroi. 10 no.5:58-60,62 My '60.

SOVIET CENTRAL ASIA—RIVERS

Sources of Central Asia rivers P. M Mashukov Izv. Uzb fil Geog ob-va 1:5-13 '60.

SOVIET CENTRAL ASIA—SCULPIN

Bullheads (genus Cottus) of Central Asia. A.P.Turdakov. Izv.AN Kir.SSR,Ser.biol.nauk 1 no.4:125-136 '59.

SOVIET CENTRAL ASIA—SOCIAL CONDITIONS

Altmyshbaev, A. [Survivals of the past in the consciousness of the people of Central Asia and the role of socialist culture in the struggle against them] Nekotorye perezhitki proshlogo v soznanii liudei v Srednei Azii i rol' sotsialisticheskoi kul'tury v bor'be s nimi. Frunze, Akad.nauk Kirgizskoi SSR, Otdel filosofii i prava, 1958. 90 p.

SOVIET CENTRAL ASIA—TRADE ROUTES

On the problem of the means of communication from Central Asia to Russia in the 16th-17th century. M.IU. IUldashev. Izv.AN Uz.SSR,Ser.obshchestv.nauk no.3:35-41 '60.

SOVIET CENTRAL ASIA IN LITERATURE

I saw the birth of the new. Vl. Lugovskoi. Vop.lit. 4 no.7:172-180 Jl '60.

SOVIET FAR EAST—DEUTEROMYCETES

The new fungus Phyllosticta actinidiae. A.A.Ablakatova, E.Z.Koval'. Bot.mat.Otd.spor.rast. 13:243-244 '60.

SOVIET FAR EAST—FISHING BOATS

Work of a propaganda ship during the fishing season. M.Mahuta. Agitator no.14:57 Jl '60.

SOVIET FAR EAST—GASTEROMYCETES

New interesting species of Gasteromycetes from the Far East. P.E.Sosin. Bot.mat.Otd.spor.rast. 13:207-214 '60.

Rub, M.G. [Granitoids in the Khankay region and their basic metalliferous characteristics] Granitoidy Prikhankaiskogo raiona i osnovnye cherty ikh metallonosnosti Moskva, Izd-vo Akad nauk SSSR, 1960 358 p (Akademiia nauk SSSR Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii Trudy, no 33)

SOVIET FAR EAST—HISTORY

Studying the history of Siberia and the Far East. V.I. Shunkov. Vest.AN SSSR 30 no.7:105-107 Jl '60.

SOVIET FAR EAST—LAMELLIBRANCHIATA

Skarlato, O.A. [Bivalvular mollusks in Far Eastern seas of the U.S.S.R. (order Dysodonta)] Dvustvorchatye molliuski dal'nevostochnykh morei SSSR (Otriad Dysodonta) Moskva, Izd-vo Akad. nauk SSSR, 1960. 151 p. (Opredeliteli po faune SSSR, no 71)

SOVIET FAR EAST—LIBRARIES

Regional Conference of the Libraries of the Far East. L M Vadikovskaia Sov bibl no 3 158 '60

SOVIET FAR EAST—LICHENS

New representatives of the genus Cetraria in the U.S.S.R. A.N.Oksner, K.A.Rassadina. Bot.mat.Otd.spor.rast. 13:5-14 '60.

Some new and interesting species of Parmelia and Hypogymnia in the U.S.S.R. K.A.Rassadina. Bot.mat.Otd. spor.rast. 13:20-25 '60.

SOVIET FAR EAST—MOTHS

Biology and distribution in different habitats of Acrocercops amurensis Vl.Kuznetzov sp.n. (Lepidoptera, Lithocolletidae), a serious pest of the Mongolian oak [with summary in English]. V.I.Kuznetsov. Zool. zhur. 39 no.6 858-865 Je '60.

SOVIET FAR EAST—ORE DEPOSITS

Basic metallogenetic characteristics of the northwestern part of the Pacific ore belt. M.I.Itsikson and others. Geol.rud.mestorozh. no.1.16-44 Ja-F '60.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Kubiin, S.S. [Bolsheviks in the Far East, 1918-1922] Bol'sheviki na Dal'nem Vostoke, 1918-1922 gg. Moskva, Gos.izd-vo polit.lit-ry, 1960. 125 p.

SOVIET FAR EAST—SHIPS

How ships should be constructed for use in Far Eastern waters V Markitanov. NTO 2 no.7.40 Jl '60.

SOVIET FAR EAST—SUGAR INDUSTRY

Prospects for the development of sugar manufacture in Siberia and in the East. S.E.Fridman. Sakh.prom. 34 no.7.10-12 Jl '60.

SOVIET FAR EAST—WILLOWS

Materials on the morphology and systematics of the willow family. A.K.Skvortsov. Bot mat Gerb. 20.66-89 '60

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Armenia)

How the Ukraine was represented at the Second All-Russian Congress of the Soviets S.M Korolivs'kyi Ukr ist.zhur 4 no.4:27-36 Jl-Ag '60.

To be exact E. Chermenskii Kommunist 37 no 12 120-121 Ag '60

SOWING

(see also subdivision under Leningrad Province)

Checkrowing with an automatic electronic device. I.M. Shvartsman, O.S.Kobiakov, IU.P.Kostin. Izv.AN Uz. SSR.Ser.tekh.nauk. no.3:68-70 '60.

SOYBEAN FLOUR

Effect of different fractions of soybean flour on streptomycin biosynthesis and growth of the culture of strain LS-1 of Actinomyces streptomycini O Z.Grabovskaia. Dokl AN SSSR 133 no 1 218-220 Jl '60

SPACE AND TIME

Time paradoxes. M.Shirokov, V.Brodovskii. Tekh. mol. 28 no.6:10-13 '60.

SPACE BIOLOGY—RESEARCH

Five flights of "Otvazhnaia." A Golikov, K. Ivanov. Ogonek 38 no 28:30 Jl '60

SPACE FLIGHT

Before the jump into space Smena 37 no.10 16 My '60

House in outer space. G.Anfilov. Znan.sila 35 no.6:4 Je '60.

Let's be optimistic. R.Perel'man, K.Staniukovich. Znan.sila 35 no.7:38-40 Jl '60.

Let's dream about and discuss flight toward far-off worlds. Znan.sila 35 no.7:30 Jl '60.

Man to fly to the stars. A.Dmitriev. Znan.sila 35 no.7:30-31 Jl '60.

Man will fly into space. B.Liapunov. Nauka i zhyttia 10 no.6:7-10 Je '60.

Not by photon rockets. V.Smilga. Znan.sila 35 no.7: 31-33 Jl '60.

voyages. M.Syrotynyn. Nauka i zhyttia 10 no.6 6 Je '60.

One should not exagerate the dangers. A.Chudakov. Znan sila 35 no.7.37-38 Jl '60.

Peace rockets. M.G.Kroshkin. Nauka i zhizn' 27 no.6: 5-10 Je '60.

Preparing for a great journey. B.S.Danilin. Nauka i zhizn' 27 no.7,8-10 Jl '60.

Protection against radiation is possible A Dmitriev. Znan.sila 35 no 7:37 Jl '60.

Return from outer space. V.A.Parfenov. Nauka i zhizn' 27 no.6:31-33 Je '60.

Soviet combination of space ship and satellite enables men to look forward to space flight Radio no 6 1 Je '60

Space ships are on the starting line. Vokrug sveta no.6:12-13 Je '60.

Toward the stars. V.Dobronravov. Ukraina no.11:18-19 Jl '60.

"Vacuum" is impassable. M.Karev. Znan.sila 35 no.7 35-36 Jl '60.

SPACE FLIGHT TO MARS

Future flights to Mars and Venus. V.Putiata. Blok. agit.[Ukr.] no.13 49-55 My '60

SPACE FLIGHT TO THE MOON

"By rocket to the moon" by V.I.Levantovskii. Reviewed by L.S.Khrenov. Nauka i zhizn' 27 no.6:73-74 Je '60.

SPACE FLIGHT TO VENUS

Future flights to Mars and Venus V Putiata Blok agit [Ukr] no 13 49-55 My '60

Space flight to Venus. A.A.Shternfel'd. Nauka i zhyttia 10 no.7 18-21 Jl '60.

SPACE LAW

Preparation and discussion of the legal problems of outer space. F.N.Kovalev, I.I.Cheprov. Sov gos.i pravo no 7:130-138 Jl '60.

SPACE PERCEPTION

Beritashvili, I.S. [Neural mechanisms of spatial orientation in higher vertebrates] O nervnykh mekhanizmakh prostranstvennoi orientatsii vysshikh pozvonochnykh zhivotnykh. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1959 346 p

Comparative analysis of touch and vision. Report No.2. Peculiarities of the orienting-exploratory movements of the eyes in children of preschool age. V.P.Zinchenko. Dokl.APN no.2:53-56 '60.

Coordination of eyeball movements in newly born infants and space perception. Report No.1. A.M.Fonarev. Dokl.APN no.4:85-88 '59.

Development of spatial differentiation in primary school pupils during physical education classes A S Revzon Dokl APN no 1 99-100 '60

Influence of a 180° turn on the topographical concepts of the blind. N.G.Khoprenіnova. Dokl.APN no.2:115-116 '60.

Peculiarities of the orienting and exploratory activity of children in the visual appreciation of the shape of plane geometry figures. E.E.Shulenko. Dokl.APN no.2: 61-64 '60.

The use of spatial concepts in the process of forming the ability to determine directions and distances. D.K. Gilev. Dokl.APN no.2:33-36 '60.

SPACE SHIPS

New phase in the conquest of outer space. S Vsekhsviats'kyi Ukraina no 11 5- Je '60

Preparing for a great journey. B.S.Danilin. Nauka i zhizn' 27 no.7,8-10 Jl '60.

Soviet combination of space ship and satellite enables men to look forward to space flight. Radio no.6:1 Je '60.

Soviet space ship. E.Hurtovenko. Nauka i zhyttia 10 no.6.4-5 Je '60.

Steps toward outer space. E.Fedorov, A.Masevich. Tekh.mol. 28 no.6:8-9 '60.

SPACE VEHICLES

Soviet space rockets. IU.A.Pobedonostsev. Vest.Vozd. Fl. no.5:56-61 My '60.

SPACES, GENERALIZED

Affine connectivity spaces adjoint to n-vector fields IU I.Levin Dokl.AN SSSR 133 no 1 24-27 Jl '60

Classes of domains and imbedding theorems for functional spaces. V.G.Maz'ia. Dokl.AN SSSR 133 no.3:527-530 Jl '60.

Fractional exponents of the Laplace operator and Sobolev spaces of fractional order [with summary in English]. V.M.Babich Vest.LGU 15 no.13:94-114 '60

Homogeneous cones E B Vinberg. Dokl AN SSSR 133 no 1 9-12 Jl '60

Plancherel's measure for the factor-space SL(n; R)/SO (n; R) T.S.Bkhanu Murti. Dokl.AN SSSR 133 no.3:503-506 Jl '60.

Solving nonlinear integral equations in a Banach space. IA.D Mamedov. Dokl.AN Azerb.SSR 16 no.4:327-330 '60.

SPACES, GENERALIZED (Continued)

Some properties of potential operators in reflective separable spaces. M.I. Kadets. Izv. vys. ucheb. zav., mat. no. 2:104-107 '60.

Special forms of absolute continuity of infinite matrice-mappings in coordinate Orlicz spaces. IU. I. Gribanov. Izv. vys. ucheb. zav.; mat. no. 2:57-64 '60.

Stieltjes integral in K-spaces. Romulus Cristescu. Dokl. AN SSSR 133 no. 3:519-522 Jl '60.

SPAIN—ECONOMIC CONDITIONS

The country under discussion: Spain twenty-one years later Claudio Juarez V zashch mira no 7 27-38 Je '60

Present-day Spain. IU. Lopatin Otv na vop trud no 116 43-53 '60

SPAIN—FOREIGN RELATIONS—ARMENIA

Spain and Armenia [in Armenian with summary in Russian]. Arshak Alpoiadzhian. Ist.-filol. zhur. no. 4.86-104 '59.

SPAIN—POLITICS AND GOVERNMENT

The country under discussion: Spain twenty-one years later Claudio Juarez V zashch mira no 7,27-38 Je '60

Present-day Spain. IU. Lopatin Otv. na vop trud no. 116.43-53 '60

SPAIN—REPATRIATION

In foreign countries. Sov. iust. no. 8:20 Jl '60.

SPAIN—SOCIAL CONDITIONS

Spain, Spain.... Ogonek 38 no. 26:14-15 Je '60.

SPAIN—STUDENTS

Spain today and Spanish students (conclusion). Milton de Carvalho. Vsem. stud. nov. 14 no. 3/4:24-25 Mr-Ap '60.

SPANISH AMERICA see Latin America

SPARROWS see subdivision under Ili Delta

SPASMS

Influence of antispasmodic drugs and spasmodic poisons on the course and "threshold" of seizures resembling epilepsy. K.I. Pogodaev. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:210-227 '60.

SPECIFIC HEAT see Heat capacity

SPECTROCHEMISTRY

Determining the total amount of potassium in soils with the spirit flame photometer. P.G. Grabarov, E.A. Solodnikova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:44-47 '60.

SPECTROGRAPH

Kalinin, S. K., and others. [Atlas of spectral lines for a glass spectrograph] Atlas spektral'nykh linii dlia stekliannogo spektrografa. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 61 p., 26 charts (in portfolio)

SPECTROMETER

Automatic unit for measuring spectra in a magnetic spectrometer. I. IA. Korol'kov, N. A. Burgov. Prib i tekh. eksp no 2,99-103 Mr-Ap '60.

Cherenkov's gamma spectrometer with total absorption V. F. Grushin, V. A. Zapevalov, E. M. Leikin Prib i tekh. eksp. no. 2:27-32 Mr-Ap '60.

Introduction of analyzed gases into the ion source of a mass spectrometer [with summary in English] M S Chupakhin Zhur anal. khim 15 no 2 155-158 Mr-Ap '60

Magnetic gamma-spectrometer with high resolving power. L. V. Goroshev and others. Izv. AN SSSR Ser. fiz. 24 no. 7:791-801 Jl '60.

Magnetic spectrometer with double focusing. A.S. Deineko and others. Izv. AN SSSR Ser. fiz. 24 no. 7: 924-926 Jl '60.

Measuring the apparatus function of an IKS-11 spectrometer. O. D. Dmitievskii, V. A. Nikitin. Opt. i spektr. 8 no. 1:117-118 Ja '60.

Scanning distortions in single-beam spectrometers. O. D. Dmitrievskii, V. A. Nikitin. Opt. i spektr. 8 no 1: 120-121 Ja '60.

Spectrometer for investigating nuclear magnetic resonance in crystals. A. G. Lundin, G M. Mikhailov Prib i tekh. eksp. no 2 90-92 Mr-Ap '60.

SPECTROPHOTOMETER

Flame spectrophotometer with a spectrum recorder and its uses [with summary in English] N. S. Poluektov, S B Popova, L. A Ovchar Zhur anal khim 15 no 2 131-137 Mr-Ap '60

SPECTROPHOTOMETRY

Materials on a spectrophotometric method for the determination of the quality of 4-methyl-5-oxyethylthiazole. V. A. Deviatnin, G. A. Fedorova. Trudy VNIVI 6:285-287 '59.

Measurements with double-beam spectrophotometers. L. A. Gribov. Opt. i spektr. 8 no. 1:123 Ja '60.

Photoelectric spectrocomparator [with summary in English]. A. V. Bruns, V. Bumba. Izv. Krym. astrofiz. obser. 22:134-143 '60.

Some problems in the quantitative spectrophotometric analysis of the cell. L. S. Agroskin and others. TSitologiia 2 no 3:337-352 My-Je '60.

Spectrophotometry of lunar features. A. N. Sergeeva. Izv. Kom po fiz plan no 1 59-66 '59

SPECTRUM, INFRARED

Broad absorption bands in infrared spectra of adsorbed molecules. L. M. Roev. Dokl. AN SSSR 133 no. 3:561-563 Jl '60.

Conditions for determining the characteristic infrared band intensities of polyatomic molecules. L. M. Sverdlov. Opt. i spektr. 9 no. 1:40-45 Jl '60.

Determining the absolute value of the intensity parameters in an infrared absorption spectrum when time distortions are absent Part 2. V. M. Chulanovskii, I. V. Peisakhson, D. N. Shchepkin. Opt. i spektr. 8 no. 1,57-60 Ja '60.

Ratio of the signal of the component being investigated to the signal of the total radiation flux in infrared gas analyzers. O. A. Sall. Opt. i spektr 8 no. 1:135-137 Ja '60.

Width and shape of infrared absorption bands. G. G. Petrash. Opt. i spektr. 9 no. 1:121-123 Jl '60.

SPECTRUM, MOLECULAR

Conditions for determining the characteristic infrared band intensities of polyatomic molecules. L. M. Sverdlov. Opt. i spektr. 9 no. 1:40-45 Jl '60.

Nonadiabatic vibrational excitation of molecules attending molecular collisions. E. E. Nikitin. Opt. i spektr. 9 no. 1:16-21 Jl '60.

Relation between the vibrational frequencies of isotopic molecules (rules of the sums and of the sums of the products for the squares of the frequencies). L. M. Sverdlov. Opt. i spektr. 8 no 1 36-39 Ja '60.

Some aspects of the spectroscopy of complex molecules. S. I. Kubarev. Opt. i spektr. 9 no. 1:3-6 Jl '60.

SPECTRUM, SOLAR

Lines of the rare earths in quiet and active regions of the sun [with summary in English] N. N. Stepanian. Izv. Krym. astrofiz. obser. 22:56-66 '60.

Spectroscopic investigation of the Dα line in flares [with summary in English]. A. N. Koval'. Izv. Krym. astrofiz. obser. 22:81-83 '60.

SPECTRUM, X-RAY

Effect of temperature on characteristic energy losses of electrons in iron [with summary in English]. I B. Borovskii and others. Zhur eksp i teor fiz. 38 no. 5 1383-1387 My '60

Investigation of the main X-ray K-absorption edge in selenium [with summary in English] D Bally, L Miuller Zhur eksp i teor. fiz 38 no. 5 1381-1382 My '60.

SPECTRUM ANALYSIS

Absolute spectral response of photocells [with summary in English] M. N. Smolkin Inzh.-fiz. zhur. no. 6:104-106 Je '60.

Concentration sensitivity of some elements in a high frequency discharge with hydraulic compression. Zh. Zheenbaev. Izv. vys. ucheb. zav., fiz. no. 3:103-106 '60.

Device for preparing powder samples for spectral analysis IU. N. Kuznetsov. Zav lab 26 no. 5 623 '60.

Discussion. V. N. Chulanovskii and others. Opt. i spektr. 8 no. 1 126-127 Ja '60.

Effect of scanning and the selection of optimum measuring conditions. G. G. Petrash. Opt. i spektr. 8 no. 1: 122-123 Ja '60.

Possibility of application of the (n, 2n) reaction in nuclear spectroscopy [with summary in English]. V. V. Komarov, A. B. Kurepin, A. M. Popova. Zhur. eksp. i teor. fiz. 38 no. 6.1824-1828 Je '60.

Role played by the material and form of the stationary electrode in suppressing structural effects. I. A. Grikit. Zav. lab. 26 no. 5:577-581 '60.

Use of spectral methods for the analysis of vitamins. L. V. Luk'ianova. Trudy VNIVI 6 269-280 '59.

SPECTRUM ANALYSIS—CONGRESSES

Third Ural Symposium on Spectroscopy. S. G. Bogomolov, A. B. Shaevich. Opt. i spektr. 9 no. 1:127-129 Jl '60.

SPEECH, DISORDERS OF

Phonetical speech defects of oligophrenic and allied student groups in the schools for mentally handicapped children. M. E. Khvatsev Uch. zap Ped. inst. Gerts. 171 225-262 '59.

Radio amateurs have restored his voice. V. Rozhnov. Radio no. 7:17 Jl '60.

SPEECH THERAPY

Rozhdestvenskaia, V. I. [Speech therapy for stuttering children of preschool age; handbook for instructors of speech therapy] Vospitanie rechi zaikaiushchikhsia doshkol'nikov; posobie dlia uchitelei- logopedov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1960. 63 p.

Such children need special care R. Ramanishka Rab. i sial 36 no 6:22 Je '60

SPEED INDICATORS—TESTING

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Instruction 242-57 for test] testing tachometers, speedometers, and revolution counters] Instruktsiia 242-57 po poverke takhometrov, spidometrov i schetchikov oborotov. Izd. ofitsial'noe. Moskva, 1959. 27 p.

SPEEDOMETERS

Recommendation for the deciphering of an SL2 speedometer ribbon. P. S. Gurskii, E. M. Merro, N. M. Khutorianskii. Elek. i tepl. tiaga 4 no. 5 32-34 My '60.

SPELLING, PSYCHOLOGY OF

Formation of spelling skill as a mental activity. V. V. Repkin Vop. psikhol. 6 no. 2.135-141 Mr-Ap '60.

SPENCER, LEONARD JAMES, 1870-1959

Leonard James Spencer; obituary. D. P. Grigor'ev. Zap. Vses. min. ob-va 89 no. 2:251-252 '60.

SPENDIAROV, ALEKSANDRO AFANAS'EVICH, 1871-1928

The life and works of A. Spendiarov ("Aleksandr Afanas'evich Spendiarov" by G. Tigranov. Reviewed by E Nalbandian). Sov. muz. 24 no. 6:194-195 Je '60.

SPHALERITE see subdivision under Kara-Mazar Mountains

SPHYGMOGRAPH

Significance of sphygmography in the diagnosis of neurocirculatory dystonia. V. P. Nikitin. Voen.-med. zhur. no. 5:22-26 My '60.

SPIDERS

Spiders of the genus Synaema, group Globosum (F.) in the U.S.S.R. [with summary in English]. A. S. Utochkin. Zool. zhur. 39 no. 7:1019-1024 Jl '60.

SPILLWAYS

Calculating the conjugate state of head and tail water for spillway dams with a slit-type outlet on the apron and use of the mutual impinging of streams for energy dissipation. M. E. Faktorovich. Izv. VNIIG 59:177-186 '59.

Determining the coefficient of discharge of efficiently shaped trapezoid spillways. V. A. Bol'shakov. Izv vys. ucheb zav; stroi i arkhit. no. 2:100-105 '60.

Spillways with multiflow energy dissipation on slitlike sloping aprons. M. E. Faktorovich. Gidr. stroi. 30 no. 7:52-53 Jl '60.

SPINAL CORD

Distribution of the myelinated nerve fibers in the roots of the lumbar and sacral segments of the spinal cord [with summary in English]. S. S. Mikhailov, A. G. Mikhailov. Arkh. anat. gist. i embr 38 no. 1:75-82 Ja '60.

Effect of electric polarization of the spinal cord on the electrotonic potentials of its ventral roots [with summary in English] I. P. Semenlutin. Fiziol. zhur. [Ukr.] 6 no 3 311-320 My-Je '60.

Effect of proprioceptive impulses on the fatigue and restoration of the reflex activity of the spinal cord [with summary in English]. E. I. Slyvko. Fiziol. zhur. [Ukr.] 6 no. 3.321-327 My-Je '60.

Experimental morphological investigations of interneuronal connections of the spinal cord [with summary in English]. V. I. Pylypenko. Fiziol. zhur [Ukr.] 6 no. 4: 470-480 Jl-Ag '60.

Motor interoceptive reflexes from the bladder following transsection of the spinal cord in rabbits. R. A. IAkimovich. Trudy Inst. fiziol. AN BSSR 3:205-211 '59.

SPINAL CORD—TUMORS

Disturbances of the endocrine metabolism in tumors of the spinal cord. S. A. Grinberg. Kaz. med. zhur. 40 no. 5:33-35 S-O '59.

SPINAL CORD—WOUNDS AND INJURIES

Pathomorphology of closed spinal injuries. L. A. Tovdoradze. Soob. AN Gruz. SSR 24 no. 4:501-506 Ap '60.

SPINAL NERVES see Nerves, Spinal

SPINDLE TREE

A brief survey of the spindle tree system in the U.S.S.R.; additions and corrections. IA. I. Prokhanov. Bot. mat. Gerb. 20:409-412 '60.

Contribution to the study of the genus Euonymus L. T. G. Leonova. Bot. zhur. 45 no. 5:750-758 My '60.

SPINE

Radiographic studies of the variability and nature of the inheritance of the number of vertebrae in crossbreeding the Large White Breed with the Swedish Landrace for market production. B. C. Aleksandrov. Biul. MOIP. Otd. biol. 65 no. 3:157 My-Je '60.

SPINE—TUBERCULOSIS

Tuberculosis of the spine in World War II invalids. V. V. Pirusskaia. Trudy LIETIN 2:287-303 '59.

[illegible]

STALINGRAD HYDROELECTRIC POWER STATION REGION—WATER, UNDERGROUND

New method for calculating a system of water level lowering wells [illegible]

STALINGRAD PROVINCE—GEOLOGY, STRATIGRAPHIC

[illegible] of problems of stratigraphic classification [illegible] of Paleogene deposits in the [illegible] of the Volga Valley [illegible]

STALINGRAD PROVINCE—HYDROLOGY

[illegible] the northwestern part of the Caspian Lowland in the trans-Volga portion of Stalingrad Province [illegible] of hydrochemical conditions [illegible]

STALINGRAD PROVINCE—OIL FIELDS—PRODUCTION METHODS

In the economic councils of the oil regions of our country. Neft khoz. [illegible]

STALINGRAD PROVINCE—RETAIL TRADE

[illegible]

STALINGRAD PROVINCE—VOCATIONAL EDUCATION

[illegible]

STALINGRAD PROVINCE—WATER, UNDERGROUND

[illegible] of water conditions in the northwestern Caspian Lowland in the trans-Volga portion of Stalingrad Province [illegible]

STALINO—COMMUNITY CENTERS

[illegible]

STALINO—NEWSPAPERS

[illegible] in the city of [illegible] in Russia [illegible]

STALINO (STALINO PROVINCE)—COAL PREPARATION

[illegible] with coal rectifying machines at [illegible] Coal Preparation Plant [illegible]

STALINO PROVINCE—AGRICULTURE

[illegible]

STALINO PROVINCE—COAL MINES AND MINING

[illegible]

[illegible]

STALINO PROVINCE—[illegible]

[illegible]

STALINSK—FOUNDRIES, IRON AND STEEL

[illegible]

STALINSK—LABOR AND LABORING [illegible]

[illegible]

STALINSK—METALLURGY

[illegible]

STALINSK—[illegible]

[illegible]

STAMPING [illegible]

[illegible]

[illegible]

STANDARDIZATION

[illegible] International [illegible]

[illegible]

STANDARDIZATION (Continued)

Determining the economic efficacy of standardization. Kunow. Standartizatsiia 24 no 6:58-59 Je '60.

From technical periodicals. I. Povarennykh. Standartizatsiia 24 no 7:63-64 Jl '60.

New standard regulations on standardization agencies. Standartizatsiia 24 no 7:3-6 Jl '60

Standard regulations on a basic standardization organization. Standartizatsiia 24 no. 7:52-53 Jl '60.

Standard regulations on a standardization office in an economic council. Standartizatsiia 24 no 7:55-56 Jl '60.

Standard regulations on standardization offices in enterprises and organizations (scientific research institutes, special design offices, regional design offices, central design offices, industrial design offices, etc.) Standartizatsiia 24 no 7:54-55 Jl '60.

STANDARDIZATION—BIBLIOGRAPHY see Bibliography—Standardization

STANDARDS, ENGINEERING

Collected state standards. Standartizatsiia 24 no. 6:61-62 Je '60.

Drafts of international recommendations developed by technical committees of the International Standardization Organization. Standartizatsiia 24 no. 7:61 Jl '60

[Information index of standards.] Informatsionnyi ukazatel' standartov 31 no. 6 '60

List of current compulsory norms for architectural planning as of May 1, 1960. Biul. stroi. tekh. 17 no 6 36 46 Je '60

New norms approved by the State Construction Office of the U.S.S.R. in the first quarter of 1960. Biul. stroi. tekh. 17 no 6 17 Je '60

New translations of foreign norms. Biul. stroi. tekh. 17 no 6 12-41 Je '60

Recommendations on the International Standardization Organization. Standartizatsiia 24 no. 7:59-60 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Index to state standards in 1960; as of Jan. 1, 1960. Official edition] Ukazatel' gosudarstvennykh standartov 1960, po sostoianiiu na 1/1 1960 g. Izd. ofitsial'noe. Moskva, 1960. 578 p. (Gosudarstvennye standarty SSSR)

Standard drafts submitted to the Committee. Standartizatsiia 24 no. 7:50-51 Jl '60

STANISLAV ECONOMIC REGION—ECONOMIC GEOGRAPHY

Studies by Chernovtsy economic geographers. F. N. Sukhopara, V. A. Vitrova, A. I. Prokhorov. Izv AN SSSR Ser. geog. no. 4:114-115 Jl Ag '60

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938

Stanislavskii, his seekings and the revolution ("Collected works in eight volumes." Vols 5, 6 by K. S. Stanislavskii. Reviewed by A. Matskin) Teatr 21 no 6 123-130 Je '60

STANKEVICH, IADVIGA VATSLAVOVNA, 1909 1959

IA. V. Stankevich, obituary. Sov. arkheol. 4 no. 2:317 '60.

STAPHYLOCOCCUS

Need for amino acids and for some metabolites by staphylococci which have acquired resistance to various antibiotics [with summary in English]. A. I. Moroz. Antibiotiki 5 no. 1:57-60 Ja F '60.

Use of staphylococcal mutants with defective oxidation for the investigation of anticancerous antibiotics [with summary in English]. G. F. Gauze, G. V. Kochetkova. Antibiotiki 5 no. 1:63-64 Ja-F '60

STAPHYLOCOCCUS AUREUS

Composition of deoxyribonucleic acid in the 209-P staphylococci, sensitive and resistant to certain antibiotics. M. A. Gubernıev, N. A. Ugoleva. Dokl. AN SSSR 133 no. 2:460-163 Jl '60.

STARAYA BARDA DISTRICT—TULAREMIA

Discovery of the tick Haemaphysalis concinna Koch, naturally infected with tularemia microbes. N. G. Olsuf'ev, V. G. Petrov. Trudy Inst. zool. AN Kazakh. SSR 12:54-56 '60.

STARAYA LADOGA—HISTORY

Orlov, S. N. [Staraya Ladoga; historical study] Staraia Ladoga; istoricheskii ocherk. [Leningrad] Lenizdat, 1960. 119 p. (Goroda Leningradskoi oblasti)

STARAYA LADOGA—MOUNDS

An early Slavic burial ground with cremation in Staraya Ladoga. S. N. Orlov. Sov. arkheol. 4 no 2:251-253 '60.

STARAYA RUSSIA—AMATEUR THEATRICALS

Valia Petukhova's diary. Teatr 21 no. 8:140-154 Ag '60.

STARCH

Antibacterial properties of starch iodide and its component [with summary in English]. V. O. Makhnach and others. Mikrobiologiia 29 no 3:451-454 My-Je '60

Effect of enzymic preparations of molds on the elastic-resilient-viscous properties of hydrated protein and starch structures. B. A. Nikolaev, S. S. Shkadina. Dokl. AN SSSR 133 no 4:891-896 Ag '60.

Equilibrium in the system starch - alcohol-water mixture [with summary in English]. O. D. Kurilenko, I. A. IAkovkina. Koll. zhur. 22 no. 3:262-267 My-Je '60

Processing wheat flour to starch. N. I. Cherniatov. Sakh. prom. 34 no 6:62-63 Je '60

Sorption of water vapor by hydrophilic high polymers. Part 1. Sorption and heat of wetting isotherms of starch, agar, and gelatin. A. V. Dumanskii, E. F. Nekriach. Ukr. khim. zhur. 26 no. 3:290-298 '60

STARCH INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Kilns)

Dextrin-producing apparatus with chamber heating. P. A. Chutskii, N. A. Shtrobokov. Sakh. prom. 34 no. 7 69-70 Jl '60.

Modern separators in the starch industry. N. A. Bakanov. Sakh. prom. 34 no. 7:55-60 Jl '60.

Use and improvement of the operation of large capacity centrifugals in the cornstarch industry (from "Stärke," no. 12, 1959). N. A. Bakanov. Sakh. prom. 34 no 6 66-67 Je '60.

Using Lapson sieves. B. L. Bychkov. Sakh. prom. 34 no. 6:63-66 Je '60.

STAROBEL'SK DISTRICT—ADMINISTRATIVE REMEDIES

Complaints and the deputies. M. Mavrodi. Sov. depat. trud. no. 7:78-79 Jl '60.

STARODINO DISTRICT—WOMEN AS FARMERS

Career of an outstanding woman. E. Skvlon. M. Ivachev. Rab. i selial. 36 no 6:6-7 Je '60

STAROZHILOVO DISTRICT—FARM MANAGEMENT

Determining specialization and rational combining of branches. N. Semenov, I. Ishchenko. Plan. khoz. 11 no 6:61-68 Je '60

STARS

Precision of the determination of spectral classes and color excesses of O-A-F class stars by the method of two-color diagrams [with summary in English]. I. S. Beliakina, P. I. Chugainov. Izv. Krym. astrofiz. obser. 22:211-221 '60

Star composed of hyperons. Biul. tekh. 4 no. 5:10-11 My '60.

STARS—SPECTRA

The equivalent widths of absorption lines in spectra of the 62 stars of B0-A5 classes [with summary in English]. I. M. Kopylov. Izv. Krym. astrofiz. obser. 22:189-206 '60.

On [illegible] strengths determined on the basis of the study of stellar spectra [with summary in English]. M. I. Botvinchuk, A. A. Botvinchuk. Izv. Krym. astrofiz. obser. 22:231-256 '60

Photoelectric determination of equivalent widths of H lines in the spectra of early type stars [with summary in English]. N. A. Dimov, V. B. Nikonov. Izv. Krym. astrofiz. obser. 22:170-188 '60

Spectrophotometric study of hydrogen lines in the spectra of peculiar A0 class stars. Part 1. Hydrogen lines in the spectra of "manganese", "silicon", and "europium" stars [with summary in English]. I. M. Kopylov, I. S. Gaikin. Izv. Krym. astrofiz. obser. 22:[illegible] '60.

STARS, NEW

Mechanism of formation of emission bands in the spectrum of nova Herculis 1934 and physical conditions in its envelope [with summary in English]. E. R. Mustel', B. N. Kumaigorodskaia. Izv. Krym. astrofiz. obser. 22:207-224 '60.

Radiation of novae. Part 2 [with summary in English]. V. G. Gorbatskii. Vest. LGU 15 no 13:119-140 '60

STARYY OSKOL REGION—QUARTZITE—MAGNETIC PROPERTIES

Magnetic susceptibility of ferruginous quartzites from the Staryy Oskol iron ore region of the Kursk Magnetic Anomaly. V. V. Kopaev, I. A. Martynova. Izv. AN SSSR. Ser. geofiz. no. 7:988-997 Jl '60

STARYY SAMBOR DISTRICT—LIBRARIES, RURAL

Books and people. Mykola Hartoshyk. Suts knyh. 14 no. 7:35-36 Jl '60.

STATE, THE

Akademiia nauk SSSR. Institut prava. [Critical evaluation of bourgeois reformist and revisionist theories in the field of the state and law] Kritika burzhuazno-reformistskikh i revizionistskikh teorii v voprosakh gosudarstva i prava. Pod red. B. A. Pokrovskogo. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 205 p.

Aleksandrov, I. G., and others. [Basic theoretical principles of the state and law] Osnovy teorii gosudarstva i prava. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 438 p.

Arzhanov, M. A. [Correlation between the state and law] Gosudarstvo i pravo v ikh sootnoshenii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 285 p.

STATE AND CHURCH see Church and state

STATE FARMS

(see also subdivision under Akmolinsk Province, Estonia; Kazakhstan, Mongolia)

[illegible]

Labor planning at the [illegible] state farms. [illegible]

Mister Smith at [illegible]

[illegible]

STATE FARMS—ACCOUNTING

(see also subdivision under Sverdlovsk Province)

Accounting simplified [illegible] My '60

STATISTICS

General indices of production volume in industry. D. Gombarenko [illegible] no. 2 [illegible] '60.

On the path to [illegible]

Report of the [illegible]

[illegible]

[illegible]

[illegible]

STAVROPOL [illegible]

[illegible]

STAVROPOL TERRITORY—AGRICULTURE—TECHNOLOGICAL INNOVATIONS

[illegible]

STAVROPOL TERRITORY—COLLECTIVE FARMS—[illegible]

[illegible]

STAVROPOL TERRITORY—[illegible]

[illegible] Jl '60.

STAVROPOL TERRITORY—[illegible] ACCOUNTING

[illegible]

STAVROPOL TERRITORY—[illegible]

[illegible]

STEAM

[illegible]

STEAM—THERMAL PROPERTIES

Experimental [illegible] A. A. [illegible] '60.

STEAM ENGINES

Automatic [illegible]

Establishing the [illegible]

STEAM POWER PLANTS

(see also [illegible])

Aleksandrov, [illegible]

[illegible] of steam power plants [illegible]

Tal'[illegible] 1960. [illegible] p.

STEAM TURBINES

(see also [illegible])

Calculating [illegible]

Develop[illegible]

Effectiveness of equipping power systems with industrial power plants of low capacity using counterpressure turbines [with summary in English, p.2]. G.I. Rosslovskii and others. Teploenergetika 7 no.7:64-69 Jl '60.

Erosion control of the last stages of large steam turbines. IU.I. Kosiak, V.P. Savukov. Energomashinostroenie 6 no.7:35-38 Jl '60

Experimental dynamic characteristics of a boiler-turbine unit. N.IA. Zaslavskaia, L.K. Suleimenova. Izv. AN Kazakh. SSR. Ser. energ. no.2:112-117 '60.

Gukasova, E.A., and others. [Aerodynamic improvement of bladed apparatus of steam and gas turbines] Aerodinamicheskoe sovershenstvovanie lopatochnykh apparatov parovykh i gazovykh turbin. Pod red. V.S. Zhukovskogo i S.S. Kutateladze. Moskva, Gos. energ. izd-vo, 1960. 340 p.

Hermetic sealing of steam turbine condenser pipe plates. L.D. Berman, S.N. Fuks. Elek. sta. 31 no.4:32-36 Ap '60.

High-chromium semiferrite steels for blades and rotors of steam turbines operating at temperatures from 575° to 600°. G.P. Fedortsev-Lutikov, M.F. Sheolenev. [Trudy] TSNIITMASH 100:164-187 '59.

Investigating the relaxation stability of steam-turbine materials. Z.N. Petropavlovskaia. [Trudy] TSNIITMASH 100:188-217 '59.

Letter to the editor. IU.IA. Kachurner. Teploenergetika 7 no.7:95 Jl '60.

Lukin, G.IA. [Steam turbines on modern seagoing vessels; an atlas] Parovye turbiny sovremennykh morskikh sudov, atlas. Moskva, Izd-vo "Morskoi transport," 1960. 94 p.
[Description to the atlas] Opisanie k atlasu. 94 p.

Methods for determining the dynamic characteristics of a boiler turbine unit. I.V. Chupriianov. Izv. AN Kazakh SSR. Ser. energ. no.2:118-131 '60.

Methods of increasing the reliability and speed of the control response of steam turbines [with summary in English]. V.N. Veller. Avtom. i telem. 21 no.6: 840-846 Je '60.

Operation of the AT-25-1 turbine steam extraction exceeding the indicated limit. IU.IA. Vilenskii. Energetik 8 no.6:21-26 Je '60.

Principles for the selection of metals for fastening parts of boilers and turbines. V.Z. Tsetlin. [Trudy] TSNIITMASH 100:240-258 '59

Shliakhin, P.N. [Steam turbines] Parovye turbiny. Izd.3., ispr. i dop. Moskva, Gos. energ. izd-vo, 1960. 255 p., diagr.

Study of water seals in a steam turbine. K.I. Rad'ko. Trudy Ural politekh. inst. no.70:40-58 '59

STEAM TURBINES—MAINTENANCE AND REPAIR

Cleaning turbine condensers and surface heaters. IU.N. Peralnin. Energetik 8 no.6:20-21 Je '60.

Eliminating the defects in the operation of the VPT-25-3 turbine. I.G. Nikolaev, V.N. Semenov. Energetik 8 no.6:19-20 Je '60.

Iolenbaum, V.S., and M.A. Glachaev. [Inspection and repair of small steam turbines] Reviziia i remont parovykh turbin maloi moshchnosti. Izd.2., ispr. i dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 337 p.

STEAMBOATS—HANDLING

Drozdov, O.A., and K.V. Postnikov. [Operation of "Khasan"-type vessels] Opyt ekspluatatsii sudov tipa "Khasan." Moskva, Izd-vo "Morskoi transport," 1960. 70 p. (Biblioteka po obmenu opytom na morskom transporte)

STEAMPIPES

Checking creep in superheated steam supply lines during use. M.S. Mastennikov. Energokhoz za rub. no.3: 20-23 My-Je '60

Damages to the screen pipes of steam boilers due to deposits of iron oxides. A.A. Kot. Elek. sta. 31 no.6: 26-28 Je '60.

Use of a matrix calculation in determining the rigidity of steam pipelines. IA. Dvorshak. Inzh.-fiz. zhur. no.6: 116-117 Je '60.

STEARIC ACID

Effect of primary aliphatic alcohols on the sol-coagel transition temperature of aqueous sodium stearate solutions [with summary in English]. A.I. IUrzhenko, G.F. Storozh. Koll. zhur. 22 no.3:376-381 My-Je '60.

Reactions of oleic and stearic acids with sulfur. I.T. Tarasenko. Zhur. prikl. khim. 33 no.5:1203-1207 My '60.

STEEL

(see also subdivision under Hunedoara, Rumania)

Conference on the use of heat-resistant steels in power machinery manufacture. M.N. Sokolova. Energomashinostroenie 6 no.7:44 Jl '60.

Copper plating of steel in an ammonium electrolyte containing monovalent copper ions. V.D. Kamkin, M.L. Portsovskii. Zhur. prikl. khim. 33 no.5:1215-1217 My '60.

summary in English]. H.V. Karpenko, V.T. Stepurenko. Dop. AN URSR no.6:791-794 '60.

Effect of the thermal treatment of EI694R austenitic steel on the limit of its long-time strength. A.A. Moiseev and others. Elek. sta. 31 no.6:24-26 Je '60.

Measuring the temperature of liquid steel by means of low-temperature pickups. I.V. Karpov. Zav. lab. 26 no.6: 731-736 '60.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. [Some technological problems in the manufacture of heavy machinery] Nekotorye voprosy tekhnologii tiazhelogo mashinostroeniia. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry. ([Trudy], no.96).
Pt.1. [Steel smelting and casting, founding, heat treatment, shaping metals by pressure] Vyplavka i razlivka stali, liteinoe proizvodstvo, termicheskaia obrabotka, obrabotka metallov davleniem. 1960. 266 p.

STEEL—ANALYSIS

Dependence of pipe discards because of laps on the chemical composition of the steel [with summary in English]. N.K. Solomakha. Stal' 20 no.8:729-730 Ag '60.

STEEL—BRITTLENESS

Brittle failure of austenite steel products. E.I. Urlupin. Metalloved. i term. obr. met. no.6:43-45 Je '60.

Effect of austenitizing conditions on the tendency of steel toward temper brittleness. M.L. Bernshtein, N.N. Kulenkova. Sbor. Inst. stali no.39:297-305 '60.

Steel embrittlement in the nitriding process. E.P. Mogilevskii. Metalloved. i term. obr. met. no.6:50-52 Je '60.

STEEL—COLD WORKING

Changes in the mechanical properties of steel under the effect of cold rolling. N.A. Troshchenkov, L.A. Zagadchenko. Stal' 20 no.8:735-738 Ag '60.

Drawing of steel tubes without drying. Z.A. Grinberg. Trudy NTO chern. met. 15:105-112 '59.

Effect of prestressing on the plasticity of steel No.20 at various speeds and temperatures of testing. G.I. Pogodin-Alekseev, S.V. Zhuravlev. Trudy NTO chern. met. 15:130-143 '59

STEEL—CORROSION

Behavior of iron and steel in oxidizing solutions. N.D. Tomashov, N.P. Zhuk, E.N. Miroliubov. Sbor. Inst. stali no.39:438-449 '60.

Corrosion resistance of steel materials used in the production of acetic acid. E.A. Fedorov, L.G. Voitkova, A.V. Zhdanova. Gidroliz. i lesokhim. prom. 13 no.4: 18-19 '60.

Effect of oxidizing agents on the inhibiting properties of phosphates. A.IA. Shatalov, I.K. Marshakov, T.A. Rabtsova. Zhur. prikl. khim. 33 no.5:1030-1036 My '60.

Effect of the solvent composition on the anodic behavior of low carbon steel. V.V. Gerasimov, A.I. Gromova. Zhur. prikl. khim. 33 no.7:1503-1507 Jl '60.

STEEL—DEFECTS

Flake-type cracks in large cylindrical forgings. F.M. Mikhailov, E.G. Karmanova. Trudy NTO chern. met. 15:122-130 '60.

Interaction of titanium with nitrogen and carbon in liquid steel. IU.G. Gurevich. Izv. vys. ucheb. zav.; chern. met. no.6:59-67 '60

Preventing flake formation in rolled steel. A.A. Rastorguev, D.A. Litvinenko. Trudy NTO chern. met. 15: 56-66 '59.

Sensitivity of the electric method of exposing lamination in sheet steel. I.E. Bolotov, B.A. Soldatov. Zav. lab. 26 no.7:847-849 '60.

Ways of preventing the formation of flakes in large forgings made of basic open-hearth steel. A.I. Kondrashov. Trudy NTO chern. met. 15:113-121 '59.

STEEL—ELECTRIC PROPERTIES

Improved electrical steel with additions of aluminum and arsenic. D.I. Gabrielian, G.N. Kadykova. Sbor. trud. TSNIICHM no.23:47-54 '60.

STEEL—ELECTROMETALLURGY

Economy of electric power in making electrical steel. A.F. Kablukovskii, A.M. Martynushkin. Metallurg 5 no.7:13-17 Jl '60.

Loss of addition elements in induction furnace steel smelting. V.A. Shakhnovich. Lit. proizv. no.7:39 Jl '60.

STEEL—FATIGUE

Fatigue testing of armature steel with a periodical profile. L.T. Timoshuk, N.I. Nistratov. Zav. lab. 26 no.5:598-600 '60.

Rated fatigue limit of steel. A.A. Bal'. Prom. stroi. 38 no.6:54-56 '60.

STEEL—HEAT TREATMENT

Changes in the carbide phase during the tempering of hardened steel. V.G. Permiakov, M.V. Belous. Izv. vys. ucheb. zav.; chern. met. no.6:116-123 '60

products. V.I. Sivak, M.A. Tylkin. Stal' 20 no.8 754-755 Ag '60.

Growth of graphitic steel during cyclic heat treatment [with summary in English]. K.P. Bunin, O.O. Baranov, M.I. Prytomanova. Dop. AN URSR no.6:776-779 '60.

Gultaev, A.P. [Heat treatment of steel] Termicheskaia obrabotka stali. Izd.2., perer. i dop. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 495 p.

STEEL—MAGNETIC PROPERTIES

Improving the electromagnetic properties of electrical steel. N.V. Keis, A.I. Komissarov. Stal' 20 no.8:721 Ag '60.

STEEL—METALLOGRAPHY

Determining the contamination of the ShKh15 steel by nonmetallic oxide inclusions. V.A. Kudrin and others. Zav. lab. 26 no.6:732-733 '60.

Effect of cold working on the fine crystal structure of heat-resistant austenite steels. M.L. Bernshtein, Chu Jih-ch'ang. Metalloved. i term. obr. met. no.6: 7-9 Je '60.

Effect of internal stresses on flake formation in steel. D.IA. Povolotskii, O.A. Bakshi. Izv. vys. ucheb. zav.; chern. met. no.6:124-130 '60.

Effect of the rate of cooling of steel on the temperature and the incubation period of flake formation. L.B. Krepysheva. Izv. vys. ucheb. zav.; chern. met. no.6 131-139 '60

Kinds of mechanism and kinetics of austenite formation during steel heating. I.N. Kidin. Sbor. Inst. stali no.39:250-266 '60.

Kinetics of the isothermal transformation of austenite in roller bearing steel prepared with use of induction heating. I.N. Kidin, IU.A. Bashnin, K.S. Lechikevich. Sbor. Inst. stali no.39:281-296 '60.

Methods of exposing dislocations in transformer steel. E.G. Krivonosova. Zav. lab. 26 no.6:725-728 '60.

New method of investigating the dissolving of the carbide phase in austenite in electric heating. A.V. Belotskii, V.N. Gridnev. Izv. vys. ucheb. zav.; chern. met. no.6, 95-102 '60

Recrystallization texture of cold-rolled electrical steel. L.P. Kudriavtsev. Fiz. met. i metalloved. 9 no.6:939-940 Je '60.

"Temper and strain aging of carbon steels" by K.M. Pogodina-Alekseeva. Reviewed by Z. Svistunova. NTO 2 no.7:62-63 Jl '60

STEEL—METALLURGY

Changes in steel composition in the process of pouring. G.N. Oiks, O.A. Barbashin, V.P. Kaltygin. Sbor. Inst. stali no.39:40-46 '60.

Deoxidation and desulfuration of steel by aluminum. V.A. Skachko. Lit. proizv. no.7:43-44 Je '60.

Efficient procedure for the making of ball-bearing steel [with summary in English]. S.G. Voinov. Stal' 20 no.8:716-721 Ag '60.

For an early carrying out of resolutions made by the 21st Congress of the Communist Party of the Soviet Union. V. Andreev. Metallurg 5 no.8:1-3 Ag '60.

Heat resistance of austenite steels in gaseous media. E.D. Davidovskaia, L.P. Kestel'. [Trudy] TSNIITMASH 100:59-60 '59.

Interaction between the oxides of carbide forming metals with solid carbon. IU.A. Pavlov. Sbor. Inst. stali no.39:10-22 '60.

Lifshits, S.I. [Steelmaking in converters] Proizvodstvo stali v konverterakh; uchebnoe posobie dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 262 p.

Making axle steel in high-capacity open-hearth furnaces. N.V. Keis, O.IA. Vainshtein, V.A. Khriukina. Metallurg 5 no.8:16-18 Ag '60.

Ryss, M.A., and IA.N. Khodorovskii. [Production of ferroalloys] Proizvodstvo ferrosplavov; uchebnik dlia podgotovki kvalifitsirovannykh rabochikh na proizvodstve. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1960. 292 p.

Using the regular pattern of decarburization for the automatic regulation of the steel-smelting process. O.D. Zorin. Izv. vys. ucheb. zav.; chern. met. no.6 54-58 '60

STEEL—QUENCHING

Effect of the rate of cooling of steel on the temperature and the incubation period of flake formation. L.B. Krepysheva. Izv. vys. ucheb. zav., chern. met. no.6: 131-139 '60.

STEEL—STANDARDS

Ordinary and high-grade structural carbon steels. Standartizatsiia 24 no.7:20-23 Jl '60.

STEEL—TESTING

Causes for the delayed breakdown of bolts made of high-strength steels. O.L. Bendryshev, V.V. Pet'ko, IA.B. Fridman. Vest. mash. 40 no.7:6-10 Jl '60.

Certain geometrical characteristics of the deformation of steel in the flow plateau [with summary in English]. N.N. Davidenkov, E.I. Brainin. Inzh.-fiz. zhur. no.2: 86-89 F '60.

STEEL—TESTING (Continued)

Investigating critical loads for steel subjected to combined stress loading under biaxial stressed conditions. V.M.Chebanov. Uch.zap.LGU no.280:136-146 '60.

Motion picture photography of the deformation of steel specimens in the yield strength area. I. I. Brainin. Izv. vys. ucheb. zav.; chern. met. no.6:108-112 '60.

Study of the effect of basic geometrical parameters of notching on the results of testing for impact strength. B. M. Ovsiannikov. Zav. lab. 26 no.6:756-759 '60.

Uniform and centered plasticity of steel as a factor in tensile testing. N. N. Davidenkov. Zav. lab. 26 no.7: 897-900 '60.

Using high-carbon steel instead of cement steel for machine-tool parts. T. M. Morozova, A. P. Skvortsova. Stan. i instr. 31 no.7:27-29 Jl '60.

STEEL—THERMAL PROPERTIES

Heat resistance of highly phosphorous austenitic steel. S. M. Vinarov, M. F. Alekseenko, G. N. Orekhov. Izv. vys. ucheb. zav.; chern. met. no.6:108-113 '60.

STEEL—WELDING

Automatic welding of 1Kh18N9T steels under a ceramic [illegible] flux. K.V.Liubavskii, I.P.L'vova. Svar. proizv. no.7:1-5 Jl '60.

Effect of ferrite on austenite weld metal properties. I.N.Getmanenko. Avtom. svar. 13 no.6:76-81 Je '60.

Effect of heterogeneity in the weld zone of pearlitic steels on their properties. L.S.Livshits, S.I.Panich. Svar. proizv. no.7:13-15 Jl '60.

Electric slag welding of EI651 steel. D.A.Dudko. Avtom. svar. 13 no.6:63-69 Je '60.

Estimating weld metal resistance to the formation of hot cracks in arc welding of steel. V.S.Gavriliuk. Svar. proizv. no.8:10-12 Ag '60.

Strength of weld joints in carbon and alloyed steels during simultaneous hot rolling. E.I.Astrov. Svar. proizv. no.8:4-6 Ag '60.

Welding 1Kh18N9T steel with low-carbon steel. V.A. Besednyi, A.N.Brikman. Khim. mash. no.4:11-17 Jl-Ag '60.

STEEL, AUTOMOBILE—COLD WORKING

Mechanical aging of 08kp steel. B.S.Natapov, E.S.Fal'kevich. Izv. vys. ucheb. zav.; chern. met. no.6:114-119 '60.

STEEL, STAINLESS

Corrosion and electrochemical properties of stainless steels under conditions of cathodic polarization in nitric acid solutions. Report No. 1: Characteristics of the spontaneous solution of steels. E.N.Mirolubov, M.M. Kurtepov, N.D.Tomashov. Izv. AN SSSR. Otd. khim. nauk no.6:1015-1021 Je '60.

Properties of cemented stainless steels. D.I.Vishniakov, A.A.Sovalova. Trudy MATI no.43:12-24 '60.

Use of readily available high-chromium stainless steels. A.A.Babakov, T.A.Zhadan. Khim. mash. no.4:2-4 Jl-Ag '60.

STEEL, STAINLESS—CLEANING

Investigating the efficiency of cleaning stainless steel on 800 and 1100 rolling mills. N.V.Kein, A.I.Komissarov. Stal' 20 no.8:740 Ag '60.

STEEL, STAINLESS—CORROSION

Effect of the rate of cooling on the stability of stainless seams against knife-line and general corrosion. A.A. Akulov, V.V.Spitsyn. Avtom. svar. 13 no.7:43-46 Jl '60.

Possibility of increasing the stability of stainless steel welds to intercrystalline corrosion by increasing the rate of cooling. A.I.Akulov, V.V.Spitsyn. Avtom. svar. 13 no.6:12-18 Je '60.

STEEL, STAINLESS—METALLURGY

Improving the smelting process and the surface quality of 1Kh18N9T stainless steel ingots. N.V.Kein, A.I. Komissarov. Stal' 20 no.8:721 Ag '60.

STEEL, STAINLESS—WELDING

All-Union Conference on the corrosion resistance of stainless steel welds. P.T.Dmitriev. Khim. mash. no.4:47-49 Jl-Ag '60.

STEEL, STRUCTURAL

Mechanical properties of steels used in construction. IU.N.Tikhenko. Sbor. trud. IUZhNII no.3:255-267 '59.

Preventing cracks in craters of welded 14G2 steel joints. A.IA.Brodskii. Prom. stroi. 38 no.6:59-60 '60.

Problems in the further development of structural steel elements. N.P.Mel'nikov. Prom. stroi. 38 no.7:6-10 '60.

Stability of plane bending beyond elastic limits. I.G.Kil'nov. Sbor. nauch. trud. LISI no.30:153-171 '59.

"Technical specifications for making and assembling carbon and low-alloy steel construction elements." Biul. stroi. tekh. 17 no.8:10-11 Je '60.

STEEL, STRUCTURAL—BRITTLENESS

Evaluating the tendency of structural steel toward brittle failure by its reaction to burns by the electrode. M.M. Kraichik, N.V.Pashkov. Svar. proizv. no.8:8-9 Ag '60.

STEEL, STRUCTURAL—CORROSION

Corrosion of steel reinforcements in cement mortars and concretes. S. B. Maliavskii. Sbor. trud. IUZhNII no.3:218-225 '59.

STEEL, STRUCTURAL—ELECTROMETALLURGY

Use of oxygen and complex deoxidizers to accelerate the process of electric smelting of structural steel. I.P. [illegible]. Sbor. Inst. stali no.39:40-72 '60.

STEEL, STRUCTURAL—TESTING

Stand for testing steel construction elements. A.S. Zorich, N.N.Karakhan. Sbor. trud. IUZhNII no.3:111-120 '59.

STEEL, STRUCTURAL—WELDING

Arc welding of 30XG2S reinforcing steel for prestressed reinforced concrete construction elements. Bet. i zhel.-bet. no.6:261-266 Je '60.

Resistance welding of angles for concrete reinforcement fittings. B.N.Orlov. Svar. proizv. no.8:31-33 Ag '60.

STEEL ALLOYS

Effect of the alloying additives on the mechanical properties of steel at high and low temperatures. M.P. Kondratovskii, N.N.Gubaev. Izv. vys. ucheb. zav.; stroi. i arkhit. no.2:12-19 '60.

Properties of 10Kh12NVMFA heat-resistant steel. D.IA. Vishniakov, M.A.Fingol'man, S.V.Rutskova. Trudy MATI no.43:25-31 '60.

STEEL ALLOYS—COLD WORKING

Mechanical and thermomechanical hardening of low-alloy and low-carbon steel [with summary in English]. I.D.Kuzema, A.V.Prokhorov. Stal' 20 no.8:745-750 Ag '60.

STEEL ALLOYS—HEAT TREATMENT

Causes of a low degree of toughness in 30KhGSNA steel. N.V.Kein, A.I.Komissarov. Stal' 20 no.8:757 Ag '60.

Reduced annealing of cold-rolled 08kp steel sheets. G.F.Chub. Stal' 20 no.8:757 Ag '60.

STEEL ALLOYS—METALLOGRAPHY

Characteristics of the behavior of 1Kh18N9T nitrided steel remaining for a long time at high temperatures. A.V.Kontenko and others. Fiz. met. i metalloved. 9 no.6:868-877 Je '60.

Effect of plastic deformation on phase transformations in silicon and nickel steels. IU.A.Syzoev, F.V. Vasil'eva, M.A.Krasil'nikova. Izv. vys. ucheb. zav.; fiz. no.3:216-222 '60.

Effect of the alloying elements on the kinetics of the growth of carbide phase crystals in isothermic tempering. M.P.Arbuzov. Izv. vys. ucheb. zav.; fiz. no.3: 76-82 '60.

STEEL ALLOYS—METALLURGY

Use of nitrogen as an alloying element in open-hearth low-alloy steel (from foreign journals). E.S.Levinson. Stal' 20 no.8:755-756 Ag '60.

STEEL CASTINGS

Cast austenite steels for stationary steam and gas turbines. G.P.Fedortsov-Lutikov and others. [Trudy] TsNIITMASH 100:183-191 '59.

Novikov, P.G., E.F.Idelluyna, and M.V.Frolova. [Foreign practices in making large steel castings] Proizvodstvo krupnogo stal'nogo lit'ia za rubezhom. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 62 p.

STEEL CASTINGS—DEFECTS

Sakhanovich, V.E. [Correcting defects in steel castings by welding] Ispravlenie defektov stal'nogo lit'ia svarkoi; iz opyta ChTZ. Pod red. P.N.Berezkina. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 78 p.

STEEL CASTINGS—HEAT TREATMENT

Improving the structure and properties of cast high-speed steel by annealing. IU.A.Geller, IU.I.Karavanov. Stan. i instr. 31 no.7:29-31 Jl '60.

STEEL CASTINGS—TESTING

Properties of 12Kh11V2NMF-L steel castings. A.I. Sitnov, G.P.Fedortsov-Lutikov, M.F.Meshcheriakov. Metalloved. i term. obr. met. no.6:2-7 Je '60.

STEEL CASTINGS—WELDING

Sakhanovich, V.E. [Correcting defects in steel castings by welding] Ispravlenie defektov stal'nogo lit'ia svarkoi; iz opyta ChTZ. Pod red. P.N.Berezkina. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 78 p.

STEEL FORGINGS

Dependence of 1Kh18N9T steel properties on forging conditions. V.I.Zalesskii, T.G.Kreshchishin. Sbor. Inst. stali no.39:226-249 '60.

Flake-type cracks in large cylindrical forgings. F.M. Mikhailov, E.G.Karmanova. Trudy NTO chern. met. 15:122-130 '59.

Ways of preventing the formation of flakes in large forgings made of basic open-hearth steel. A.I.Kondrashov. Trudy NTO chern. met. 15:113-121 '59.

STEEL FORGINGS—WELDING

Electric slag welding of medium-alloy steel forgings of 100 mm. thickness. G.V.[illegible]. [illegible] no.8:24-26 Ap '60.

STEEL INDUSTRY

(see also subdivision under Dnepropetrovsk, Great Britain, Krivoy Rog, Magnitogorsk, Ukraine, Zhdanov)

Day of Soviet Steelworkers. V. [illegible]. [illegible] no.108:10-11 '60.

[illegible] economize metal in every possible way. [illegible]. Blok. agit. [illegible] '60.

STEEL INDUSTRY—HYGIENIC ASPECTS see subdivision under Nizhniy Tagil

STEEL INDUSTRY—SAFETY MEASURES see subdivision under Moscow

STEEL INGOTS

Experimental production of [illegible] ingots [with summary in English]. [illegible] and others. Stal' 20 no.8:699-703 Ag '60.

Mechanism of the effect of [illegible] on the formation of rimmed steel in [illegible]. V. [illegible]. Izv. vys. ucheb. zav.; chern. met. [illegible] '60.

Remote control of steel pouring from a [illegible] ladle [with summary in English]. [illegible] and others. Stal' 20 no.8:[illegible] Ag '60.

STEEL INGOTS—DEFECTS

Bely, N.I. [Ways of reducing [illegible] rolling mills] Puti snizheniia [illegible]. Khar'kov, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1959. 125 p.

STEELWORKS see subdivision under Dunaujvaros, Hungary

STEERING GEAR

Hydrodynamic characteristics of twin rudders. [illegible]. Rech. transp. [illegible] My '60.

Screw propellers [illegible]. [illegible]

STEERING GEAR—TESTING

Testing the steering devices of diesel-electric propelled freighters. A.Fedosov, M.Titov. Rech. transp. 19 no.6:24-25 My '60.

STEFAN, Bishop of Mozhaysk, [illegible]

Address by his Holiness Patriarch Aleksii on conferring the prelatic crosier [illegible], Bishop of Mozhaysk. Zhur. Mosk. Patr. no.6:21 [illegible] Je '60.

Nomination and consecration of Archimandrite Stefan (Nikitin). Zhur. Mosk. Patr. no.6:[illegible] Je '60.

STEPANOV, IGOR' VIKTOROVICH, [illegible]

Igor' Viktorovich Stepanov; obituary. [illegible] no.1:58 Ja '60.

STEPANOV, PETR [illegible]

[illegible] 43 no.14 [illegible] '60.

STEPPE FLORA

Classifying the vegetation [illegible]. Nikitin [illegible]

STEREOCHEMISTRY

[illegible] Je '60.

[illegible] '60.

[illegible]

[illegible] '60.

STEREOPHONIC SOUND SYSTEMS

Number of channels in a stereophonic sound reproducing system in wide-screen motion picture theaters. N.F. Nalarov. Tekh. kino i telev. 4 no.7:14-21 Jl '60.

Quality of stereophonic sound in motion picture theaters. N.F.Nalarov. Tekh. kino i telev. 4 no.6:47-49 Je '60.

Stereophonic records. I.Vol'kov-Lannit. Nauka i tekh. 4 no.5:19-21 My '60.

Stereophonic sound systems. [illegible]. Nauka i tekh. 4 no.5:16-19 My '60.

Stereosound. [illegible] My '60.

STEREOSCOPIC PHOTOGRAPHY see Photography, Stereoscopic

Flowering, pollination, and embryology of Sternbergia lutea (L.) Ker.-Gawl. and S. fischeriana (Herb.) Roem. G. E. Kapinos. Bot. zhur. 45 no. 7:1044-1055 Jl '60.

Variation of the incompatibility reaction in rye [with summary in English]. I. M. Surikov. Zhur. ob. biol. 21 no. 4:270-278 Jl-Ag '60.

STERN, ISAAC, 1920-

Great performances of foreign musicians. Georgii Polianovskii, Elena [illegible], I. IAmpol'skii. Sov. muz. 24 no. 7:138-143 Jl '60.

STERNBERGIA see subdivision under Azerbaijan

STERNUM—FRACTURE

Isolated fracture of the sternum. P. A. Tarovich. Zdrav. Belor. 4 no. 3:60 Mr '60.

STEROIDS

Synthesis of steroid compounds and related substances. Report No. 40. Synthesis of steroid analogs lacking the D ring. I. N. Nazarov, S. I. Zav'ialov. Izv. AN SSSR. Otd. khim. nauk no. 6:1080-1087 Je '60.

STIL, ANDRE, 1921-

"We'll love one another tomorrow" by André Stil. Reviewed by V. [illegible]. Zvezda no. 5:217-218 My '60.

STILBAZO

Photometric determination of yttrium with stilbazo [with summary in English]. L. S. Serdiuk, G. P. [illegible]. Zhur. anal. khim. 15 no. 3:297-300 My-Je '60.

STILT-LEGGED FLIES see subdivision under Ivanovo

STIMULANTS

Artem'ev, B. IA. [Awakening and antinarcotic action of stimulators of the nervous system] Probuzhdaiushchee i antinarkoticheskoe deistvie stimuliatorov nervnoi sistemy. [Leningrad] Gos. izd-vo med. lit-ry, Leningr. otd-nie, 1959. 203 p.
(DNLM)

STOCK AND STOCKBREEDING

(see also subdivision under Bol'shaya Vradiyevka District; Estonia; Gur'yev Province; Moscow Province; Ternopol Province)

Inheritance of characters and selection of farm animals. P. F. Rokitskii. Biul. MOIP. Otd. biol. 65 no. 3:153-154 My-Je '60.

It isn't enough to enact a law; a review of the editor's mail. Sov. deput. trud. no. 7:80-82 Jl '60.

The most important problem of stockbreeding is to increase the production of meat, milk, wool, and eggs in every possible way. P. Seleznev. Polit. samoobr. 4 no. 7:[illegible]-75 Jl '60.

The problem of individual development of animals in the history of Russian animal science. E. N. Mirzoian. Biul. MOIP. Otd. biol. 65 no. 3:155-156 My-Je '60.

Role of the biological science in solving problems of stockbreeding. S. N. Bogoliubskii. Biul. MOIP. Otd. biol. 65 no. 3:156-157 My-Je '60.

Vaitsekhovich, F. N., and K. I. Eremeev. [Ways of reducing expenses in the production of meat and milk] Puti snizheniia zatrat na proizvodstvo miasa i moloka. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1959. 102 p.
(DA)

[Ways of increasing the output of meat, milk, and butter per person; a collection of lectures] Puti uvelicheniia proizvodstva miasa, moloka i masla na dushu naseleniia, sbornik lektsii. Leningrad, 1959. 170 p.
(DA)

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY see subdivision under Uman' District

STOCK AND STOCKBREEDING—PRODUCTION STANDARDS see subdivision under Voskresenskoye District

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Content and organization of instruction and practical work of ninth grade students in rural schools in connection with the study of the "Fundamentals of stock breeding." A. E. Stavrovskii. Dokl. APN no. 2:21-24 '60.

Using farming as a medium for the study of zoology. G. N. Vasilevskaia. Biol. v shkole no. 4:18-21 Jl-Ag '60.

STOCKINGS see Hosiery

STOKERS, MECHANICAL

Automatic feeding of straw to steam-engine burners without the use of cyclones. I. N. Levitskii. Tekst. prom. 20 no. 7:70-72 Jl '60.

STOKERS, MECHANICAL—ELECTRIC DRIVING

Power supplying circuits for electric drives of fuel feeding systems. A. A. Grinberg and others. Elek. sta. 31 no. 6:87-89 Je '60.

Effect of green apple juice on the secretory and evacuatory functions of the human stomach [with summary in English]. A. H. Kondilenko. Fiziol. zhur. [Ukr.] 6 no. 2:240-251 '60.

Gastric reflexes originating in the intestine following extirpation of the premotor zone of the cerebral cortex in dogs. I. A. Bulygin, L. V. Ilina, L. A. Pribluda. Trudy Inst. fiziol. AN BSSR 3:120-132 '59.

Motor activity of the dog stomach during digestion and under drug-induced sleep. Part 2: Effect of sleep on the motor activity of the dog stomach during digestion [with summary in English]. A. P. Poleshchuk. Fiziol. zhur. [Ukr.] 6 no. 2:201-212 '60.

Role of the functional state of the stomach in gastric reflex reactions induced by stimulation of the skin [with summary in English]. A. K. Podshybiakin. Fiziol. zhur. [Ukr.] 6 no. 2:168-172 '60.

STOMACH—CANCER

Sivkov, I. I. [Importance of gastroscopy in the diagnosis of stomach cancer] Znachenie gastroskopii v diagnostike raka zheludka. Moskva, Gos. izd-vo med. lit-ry, 1959. 106 p.
(DNLM)

Study of the common features of the antigenic composition of malignant tumors and polypi of the human stomach [with summary in English]. G. A Piskunova, V N. Kolmykova. Pat. fiziol. i eksp. terap. 4 no. 3:30-36 My-Je '60.

Tager, I. L. [Mistakes and difficulties in the radioscopic diagnosis of stomach cancer] Oshibki i trudnosti v rentgenodiagnostike raka zheludka. Moskva, Medgiz, 1959. 168 p.
(DNLM)

Trace element concentration in the organism of patients with stomach cancer. I. S. Hal'ko. Vestsi AN BSSR. Ser. biial. nav. no. 2:117-120 '60.

X-ray diagnosis of stomach cancer in anemia patients. F. S. Kadyrov. Med. zhur. Uzb. no. 12:22-28 D '58.

STOMACH—DISEASES

Gastric tetany as a result of arteriomesenteric obstruction. I. B. Gordon. Vrach. delo no. 6:635-637 Je '60.

Influence on medication sleep on the secretory function of the stomach [with summary in English]. A. P. Poleshchuk. Vrach. delo no. 6:569-576 Je '60.

Method evaluating pain intensity in stomach diseases. V. I. Vorob'ev. Voen.-med. zhur. no. 6:87-88 Je '60.

Moiseenko, M. D. [Gastric and intestinal phlegmon] Flegmona zheludka i kishechnika. [Leningrad] Medgiz, 1958. 133 p. (Biblioteka prakticheskogo vracha)
(DNLM)

Significance of the gastroscopic method of study in achylous states. IU. A. TSeditin. Voen.-med. zhur. no. 6:71-74 Je '60.

STOMACH—INFLAMMATION

Diphenylamine test as an index of the inflammatory process in chronic gastritis. R. L. Bloch, V. A. Enaian, I. N. Lobanova. Lab. delo 6 no. 3:23-30 My-Je '60.

Functional disorders of the large intestine in peptic ulcer and chronic gastritis. A. V. Frol'kis. Voen.-med. zhur. no. 6:65-71 Je '60.

STOMACH—INNERVATION

Effect of extirpation of certain cortical zones in animals on interoceptive reflexes from the stomach as revealed by carbohydrate metabolism. T. M. Mironova. Trudy Inst. fiziol. AN BSSR 3:133-139 '59.

Effect of irrigating the gastric mucosa with a soda solution on interoceptive reflexes from the gall bladder. B. F. Osipov. Trudy Inst. fiziol. AN BSSR 3:225-235 '59.

Effect of stimulating *gastric* mechanoreceptors on bile formation during muscular activity of the animal [with summary in English]. A. H. Zahorodnieva. Fiziol. zhur. [Ukr.] 6 no. 4:526-531 Jl-Ag '60.

Effect of stimulation of gastric receptors on the absorption of chlorides from the small intestine [In Azerbaijani with summary in Russian] A. I. Aliev. Uch. zap. AGU. Biol. ser. no. 1:77-82 '59.

Features of carbohydrate metabolism and energy exchange in the brain following stimulation of the *gastric receptors*. K. V. Fomichenko. Trudy Inst. fiziol. AN BSSR 3:140-154 '59.

Studies on the regulation of protein metabolism in gastric tissues by the use of *labeled methionine* (S^{35}). R. I. Safarov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:125-130 '60.

STOMACH—RADIOGRAPHY

Radiographic indexes of the condition of compensation in digestion at a late period following resection of the stomach in the light of the tasks of disability evaluation. IU. N. Zadvornov. Trudy LIETIN 2:352-360 '59.

X-ray diagnosis of stomach cancer in anemia patients. F. S. Kadyrov. Med. zhur. Uzb. no. 12:22-28 D '58.

STOMACH—SECRETIONS

Changes in the temperature of the gastric mucosa due to the effect of histamine [with summary in English]. S. V. Zemlians'kyi, V. IA. Berezovs'kyi. Fiziol. zhur. [Ukr.] 6 no. 3:336-343 My-Je '60.

secretory function of the stomach in gastrostomy *patients*. M. N. IAtsentiuk. Vrach. delo no. 7:136-137 Jl '60.

Influence on medication sleep on the secretory function of the stomach [with summary in English]. A. P. Peleshchuk. Vrach. delo no. 6:569-576 Je '60.

Observation of the *secretory function* of the stomach following disturbances of the integrity of the cerebral cortex. N. P. Sokol'skaia. Trudy Inst. fiziol. AN Kazakh SSR 2:102-105 '59.

STOMACH—TUMORS

Sarcoma of the stomach. A. M. Charnyi. Kaz. med. zhur. 40 no. 5:30-33 S-O '59.

STONE, CRUSHED

(see also subdivision under Moscow Province)

"Golden" crushed stone. M. N. Provodina. Put' i put. khoz. 4 no. 6:27-28 Je '60.

Increasing the capacity of crushed stone plants. D. I. Sobol'. Put' i put. khoz. 4 no. 6:28-30 Je '60.

New apparatus and automatic control systems for stone-crushing plants. N. V. Dmitrievskii. Mekh. stroi. 17 no. 7:11-16 Jl '60.

New screens. G. G. Velikii, G. R. Il'iashenko. Put' i put. khoz. 4 no. 6:31 Je '60.

STONE, CRUSHED—TESTING

Testing crushed materials in shelf-type drums. D. M. Bolichenko. Avt. dor. 23 no. 7:17-18 Jl '60.

STONE AGE

(see also subdivision under Bashkiria; Bol'shiye Liakhvi Valley; Brichmulla; Charysh Valley; Dnieper Valley, Europe, Eastern; Iturup Island; Kalinin region, Kazakhstan, Kostroma Valley; Krasnodar Territory; Nizhnyaya Buret', Angara Valley, Oskol Valley; Ossetia; Sventoji Valley, Ural Mountain region)

From the publishers. Mat. i issl. po arkheol. 79:5-7 '60.

Some problems in the study of the Stone Age economy. S. N. Zamiatnin. Trudy Inst. etn. 54:80-108 '60.

STONE AND ORE BREAKERS

Metal detectors. V. I. Cherkasov. Put' i put. khoz. 4 no. 7:37 Jl '60.

STONE IMPLEMENTS see subdivision under Chokurcha Cave

STONE INDUSTRY

(see also subdivision under Moscow Province)

Improving the planning of stone crushing plants. G. G. Velikii, I. D. Reshetniak. Put' i put. khoz. 4 no. 8:33 Ag '60.

STONECUTTING see subdivision under Balkhash region

STOPING (MINING)

(see also subdivision under Donets Basin)

Lamination of roof rocks during stoping. A. A. Orlov. Ugol' 35 no. 5:44-47 My '60.

STOPING (MINING)—EQUIPMENT AND SUPPLIES

Potentialities for the increase of labor productivity in connection with the mechanization of stoping operations. A. D. Shortanbaev. Ugol' 35 no. 7:13-15 Jl '60.

STORAGE BATTERIES

Nickel-zinc storage cell. V. V. Romanov and others. Zhur. prikl. khim. 33 no. 7:1556-1563 Jl '60.

Use of trilon in the analysis of the active masses of a storage cell and of lead oxide. N. A. Filippova, T. F. Dubrovskaia. Zav. lab. 26 no. 6:711-716 '60.

STORE FIXTURES

Revolving rack, a panel for the cutting of fabrics, and a stand for the diplay of shoes constructed by M. I. Cherepakhov. Sov. torg. 33 no. 6:74-75 Je '60.

STORES, RETAIL—EQUIPMENT AND SUPPLIES

All-Russian congress on the equipment of trade and public eating establishments. Sov. torg. 33 no. 6:5-15 Je '60.

STORKS

Comparative study of the ecology and development of white and black storks and the grey bittern. A. P. Krapivnyi. Biul. Inst. biol. AN BSSR no. 3:239-245 '58.

STRABISMUS

Fisher, E. M. [Concomitant strabismus and its treatment] Sodruzhestvennoe kosoglazie i ego lechenie. Moskva, Medgiz, 1958. 219 p.
(DNLM)

How to eliminate strabismus. E. M. Belostotskii. Zdorov'e 6 no. 6:20-21 Je '60

Pil'man, N. I. [Functional therapy for concomitant strabismus in children] Funktsional'noe lechenie sodruzhestvennogo kosoglaziia u detei. Izd. 2., dop. Kiev, Gosmedizdat USSR, 1959. 165 p.
(DNLM)

STRABO

Sources used by Strabo in his description of ancient Caucasian Albania. Kemal Aliev. Dokl. AN Azerb. SSR 16 no. 4:419-422 '60.

STRAIN GAUGES

Measurement techniques in using strain-measuring points of tractors. A. V. Vasil'ev, S. P. Volkov, E. N. Dokuchaeva. Trudy NATI no. 20:52-71 '60.

Mirror strain gauge for measuring linear and angular deformations. S. E. Khanin. Izv. vys. ucheb. zav.; mashinostr. no. 5:61-64 '60.

Strain gauges for measuring acceleration. V. P. Neniukov, A. S. Zhmur, G. I. Lingin. Izm. tekh. no. 7:20-40 Jl '60.

Theoretical and engineering bases for developing special strain-measuring points. A. V. Vasil'ev. Trudy NATI no. 20:3-51 '60.

Use of a wire strain gauge for measuring contact stresses. P. I. Anson. Zav. lab. 26 no. 5:620 '60.

Using a strain-measuring shoe in measuring the reaction of ground to the crawler. A. V. Vasil'ev, S. P. Volkov. Trudy NATI no. 20:72-88 '60.

Using wire transducers for measuring high pressures. G. G. Leontiova, I. N. Polandov. Prib. i tekh. eksp. no. 2:159 Mr-Ap '60.

STRAINS AND STRESSES

Action of internal forces in beams subjected to bending beyond elastic limits. IU. N. Tikhonko. Sbor. trud. IUZHNII no. 3:280-294 '59.

Bearing capacity of reinforced concrete and prestressed elements subjected to cross-bending. A. S. Zorich. Sbor. trud. IUZHNII no. 3:64-75 '59.

Calculating strains in sucker rods. V. M. Kasianov. Neft. khoz. 38 no. 3:51-54 Mr '60.

Calculating the redistribution of stresses in continuous prestressed reinforced concrete girders. Ch'eng Wên-shan. Bet. i zhel.-bet. no. 7:318-319 Jl '60.

Classification and occurrence of residual stresses. V. M. Finkel', V. F. Belorukov. Zav. lab. 26 no. 7:859-860 '60.

Deformations (rigidity) of prestressed reinforced concrete bent elements. V. N. Rozhdestvenskii. Sbor. trud. IUZHNII no. 3:99-120 '59.

Deformations of slag-pumice concretes. A. I. Semenov. Sbor. trud. IUZHNII no. 3:76-98 '59.

Dependence of normal and shear stresses on the magnitude of strain when aluminum naphthenate gel passes to a steady flow from a state of rest. A. A. Trapeznikov, A. S. Morozov, G. G. Petrzhik. Dokl. AN SSSR 133 no. 3:637-640 Jl '60.

Designing cross sections according to the tendency to form cracks. A. A. Gvozdev, S. A. Dmitriev. Bet. i zhel.-bet. no. 7:331-332 Jl '60.

Designing for skew deflection reinforced concrete crane beams, purlins, and horizontal frame elements of external walls with double and single reinforcements. M. S. Torianik. Bet. i zhel.-bet. no. 6:285-291 Je '60.

Designing prestressed bent reinforced concrete elements for crack resistance. V. N. Baikov. Bet. i zhel.-bet. no. 7:330-331 Jl '60.

Designing prestressed reinforced concrete sections for crack resistance by substituting elastic cross-sections. A. M. Rozenbliumas. Bet. i zhel.-bet. no. 7:326-330 Jl '60.

Designing statically indeterminate girders of minimum weight for several load combinations acting at different times or for live loads. N. A. Sorov. Sbor. nauch. trud. LISI no. 30:26-40 '59.

Differential stress-rigidity relations in continuous girders. A. B. Izraelit. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2:25-34 '60.

Effect of internal stresses on flake formation in steel. D. IA. Povolotskii, O. A. Bakshi. Izv. vys. ucheb. zav.; chern. met. no. 6:124-130 '60.

Effect of the stress transmission on the distribution of preliminary stresses in anchorage zones. V. M. Kol'ner. Bet. i zhel.-bet. no. 7:319-321 Jl '60.

Experimental and theoretical investigations of the distribution of stresses transmitted to the ballast by reinforced concrete ties. A. G. Kalenichenko. Sbor. trud. IUZHNII no. 3:129-160 '59.

Experimental investigation of the loss of prestress in wire-reinforced composite girders. A. I. Semenov, G. K. Sherzhukov. Sbor. trud. IUZHNII no. 3:198-208 '59.

Formation of cracks in and rigidity of I- and II-shaped reinforced concrete construction elements subjected to bending. K. I. Vilkov. Izv. vys. ucheb. zav.; stroi. i arkhit. no. 2:87-90 '60.

Influence of the orientation of metal defects on stress concentration. I. M. Pavlov, A. V. Krupin. Sbor. Inst. stali no. 39:161-172 '60.

Internal stresses in chromium platings deposited from a tetrachromate electrolyte. M. A. Shluger, A. IA. Riabol, V. A. Kazakov. Zhur. prikl. khim. 33 no. 5:1217-1218 My '60.

Investigating the relaxation stability of steam-turbine materials. Z. N. Petropavlovskaia. [Trudy] TSNIITMASH 100:238-247 '59.

Loss of local stability in shafts of steel television towers. B. I. Beliaev. Prom. stroi. 38 no. 7:31-34 '60.

The necessity of considering block joints in calculating temperature stresses in hydraulic structures. R. N. Petrashen'. Trudy Gidroproekta 2:118-131 '59.

Optical properties of plastics used in the polarization-optical method for investigating stresses. I. I. Bugakov. Uch. zap. LGU no. 280:68-70 '60.

Practical methods for designing reinforced concrete construction elements taking into account rheological properties of materials. S. I. Frailfel'd, O. V. Pal'chinskii. Sbor. trud. IUZHNII no. 1:3-63 '59.

Precast reinforced concrete construction elements of buildings subjected to large dynamic loads. V. G. Pigulevskii. Prom. stroi. 38 no. 6:36-39 '60.

Problem of contact in mechanical engineering. B. S. Koval'skii. Izv. vys. ucheb. zav.; mashinostr. no. 6:81-87 '60.

Relaxation capacity of refractory compounds [with summary in English]. I. M. Frantsevych, O. M. Pilliankevych. Dop. AN URSR no. 3:339-341 '60.

Relieving stress on a continuous track. M. S. Bochenkov. Put' i put. khoz. 4 no. 7:11-11 Jl '60.

Results of the discussion "on the classification and occurrence of residual stresses." N. N. Davidenkov. Zav. lab. 26 no. 7:861-863 '60.

Site selection for stress transmitters in remote dynamometric systems. I. G. Belov, G. M. Kulish. Neft. khoz. 38 no. 3:29-31 Mr '60.

Stability of plane bending beyond elastic limits. I. G. Kilnov. Sbor. nauch. trud. LISI no. 30:153-171 '59.

Stress distribution in turbodrill parts. R. I. Melik-Gaikazova. Neft. khoz. 38 no. 6:11-15 Je '60.

Theoretical strength and the critical failure stress of solids. G. M. Bartenev, I. V. Razumovskaia. Dokl. AN SSSR 133 no. 2:341-344 Jl '60.

Using the optical method in investigating stress distribution in specimens loaded with their own weight. V. I. Trumbachev. [illegible] no. 5:326-335 '60.

STRAKHOV, NIKOLAI MIKHAILOVICH, 1900-

Sixtieth birthday of Academician N. M. Strakhov. Geol. rud. mestorozh. no. 3:1-4 My-Je '60.

STRANSKII, IVAN FEDOROVICH, 1880-1959

Ivan Fedorovich Stranskii (Apr. 10, 1880-Oct. 30, 1959); obituary. Pochvovedenie no. 7:116-117 '60.

STRATEGY see subdivision under Germany, West

STRATOSPHERE see Atmosphere, Upper

STREAM MEASUREMENTS

Method for computing the widening of a stream with asymmetrical whirlpools [with summary in English]. N. H. Poznaia. Dop. AN URSR no. 6:748-750 '60.

STREET LIGHTING

(see also subdivision under Leningrad)

Road and street lighting. I. A. Tolstoi. Gor. khoz. Mosk. 34 no. 5:37-39 My '60.

STREET LIGHTING--HANDBOOKS, MANUALS, ETC.

Vinogradov, IU. A., and G. A. Zdanovich. [Electrician's handbook for street lighting] V pomoshch' elektromontoru ulichnogo osveshcheniia. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 178 p.

STREET RAILWAYS

More about the organization of management of municipal electric transportation systems. I. Kudyak, P. Lokhin, I. Ryan. Zhil.-kom. khoz. 10 no. 6:13-14 '60.

Volochnov, V. N., A. N. Trofimov, and M. N. Shpolianskii, eds. [Engineering handbook on city electric railroad transportation in three volumes] Tekhnicheskii spravochnik po gorodskomu elektrotransportu v trekh tomakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR.
Vol. 2. [Streetcar transportation] Tramvai. Otv. red. V. N. Volochnov. 1960. 565 p.

STREET RAILWAYS--COST OF OPERATION see subdivision under Moscow

STREET RAILWAYS--EMPLOYEES

Attention, streetcars! M. Lazarev. Neva no. 6:210-220 '60.

STREETCARS--CONGRESSES

Conference to discuss the new "Technical rules on the operation of streetcars and trolleys." D. K. Tomilianovich. Elektrichestvo no. 6:93 Je '60.

STREETCARS--MAINTENANCE AND REPAIR

Chertok, M. S. [Maintenance and repair of electric streetcar equipment] Remont oborudovaniia tramvainykh vagonov, uchebnoe posobie dlia slesarei. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 289 p.

New regulations for maintaining and operating streetcars and trolley buses. V. Volochnov. Zhil.-kom. khoz. 10 no. 6:11-12 '60.

STRENGTH OF MATERIALS

Accelerated method of determining long-period strength, based on the measurement of thickness. I. R. Rokhlin. Zav. lab. 26 no. 7:850-852 '60.

Breakdown of parts and metal components of machines caused by varying stresses. A. E. Laptev. Vest. mash. 40 no. 7:3-6 Jl '60.

Designing pipelines. A. F. Nechushkin. Stroi. mekh. i rasch. soor. 2 no. 4:44 '60.

Investigating the yield point and some other effects in case of combined stress loading. G. B. Talypov, V. N. Konstantov. Uch. zap. LGU no. 280:113-118 '60.

Machine for programming tests for long period strength. V. I. Kovpak. Zav. lab. 26 no. 7:867-868 '60.

Rudltsyn, M. N. [Strength of materials] Soprotivlenie materialov, vvodnaia lektsiia. Minsk, Red.-izdat. otdel BPI im. I. V. Stalina, 1958. 20 p.

Selecting the theory of strength for designing metal pipes. L. I. Levitskii. Stroi. mekh. i rasch. soor. 2 no. 4:38-43 '60.

Selection of chemically resistant materials for heaters and teeth of rotors of colloid mills used for preparing concentrated mineral and fertilizer emulsions of DDT, GKhTsG, and LIAM. M. M. [illegible], I. I. [illegible], A. A. [illegible]. [Trudy] NIUIF no. 164:68-77 '59.

Setup for the programmed testing of heat resistant materials for long period strength. M. A. [illegible], I. P. Ivanov, B. M. [illegible]. Zav. lab. 26 no. 7:865-866 '60.

Tests for long period strength employing samples. V. G. [illegible]. Zav. lab. 26 no. 7:[illegible] '60.

Use of the UIM-5 machine for testing long period strength under changing cyclic loads. [illegible]. Zav. lab. 26 no. 7:[illegible] '60.

Variability of strength limits of brittle materials and its relation to the rated effect. V. V. Bolotin. Stroi. mekh. i rasch. soor. 2 no. 4:1-7 '60.

Volkov, S. D. [Statistical theory of the strength of materials] Statisticheskaia teoriia prochnosti. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 176 p.

STRENGTH OF MATERIALS--TESTING

Afanas'ev, A. M., and V. A. Mar'in. [Laboratory work on the strength of materials] Laboratornyi praktikum po soprotivleniiu materialov. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 204 p.

STREPTOMYCIN

Clinical aspects of [illegible] in patients with [illegible]

Combined streptomycin [illegible]

Compound treatment [illegible]

Dynamics of the cerebrospinal fluid in children [illegible] tuberculous meningitis [illegible] Zdrav. [illegible]

Effect of different [illegible]

Experimental [illegible]

Mechanism of [illegible]

Peculiarities of the [illegible]

"Pentadal" of [illegible]

[illegible]

Streptomycin in the [illegible]

Streptomycin [illegible]

Study of the [illegible]

Treatment of [illegible]

STRESS (PHYSIOLOGY)

Relation of degenerative dystrophic changes [illegible] to functional stress. [illegible] 2:251-260 '59.

STRIKES AND LOCKOUTS--[illegible] see subdivision under New York (City)

STRIKES AND LOCKOUTS--COAL MINERS see subdivision under Japan

STRING QUARTETS see subdivision under Moscow

STRINGED INSTRUMENTS, BOWED

Struve, B. A. [The evolution of the viola and violin] Protsess formirovaniia viol i skripok. Moskva, Gos. muzykal'noe izd-vo, 1959. 266 p. illus.

STRIP MINING

Crew of the "Severnyi" open-pit mine. I. Nikulin. Mast. ugl. 9 no.7:3 Jl '60.

Determining the better length of blind dumps in excavator waste piling. I. I. Rusakii. Izv. vys. ucheb. zav.; gor. zhur. no.7:[illegible] '60.

Efficient type of drain sump for open-pit mines. V. B. Nikulin. Izv. vys. ucheb. zav.; gor. zhur. no.7:125-130 '60.

Feasibility of open-pit mining of potassium deposits. A. N. Andreichev. Gor. zhur. no.7:14-17 Jl '60.

Granular explosives for charging flooded boreholes in opencut workings. B. IA. Svetlov, R. N. Solntseva, M. I. Titushkina. Vzryv. delo no.44/1:40-57 '60.

Helicopter descends into open-pit mines. M. V. Vasil'ev. Nauka i zhizn' 27 no.6:63 Je '60.

Studying slides in open-cast workings. V. K. Bogdanovskii, A. M. Nikolaev, G. G. Skvortsov. Razved. i okh. nedr 26 no.5:17-30 My '60.

STRIP MINING—SAFETY MEASURES

Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Unified safety regulations in open-cut mining] Edinye pravila bezopasnosti pri razrabotke mestorozhdenii poleznykh iskopaemykh otkrytym sposobom. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 61 p.

Safety regulations in open-pit mine truck haulage. V. S. Khokhriakov, S. E. Il'barchuk, R. I. Shugomskii. Izv. vys. ucheb. zav.; gor. zhur. no.7:101-104 '60.

STRONGYLOIDIASIS

(see also subdivision under Moldavia; Polesye)

Resistance to freezing and desiccation of invading larvae of certain strongylids of sheep. V. N. Trach. Pratsi In-tu zool. AN URSR 15:58 '58.

STRONTIUM ISOTOPES

Desorption of microquantities of strontium and cesium from montmorillonite and kaolinite [with summary in English]. V. V. Gromov. Zhur. fiz. khim. 34 no.6:1357-1361 Je '60.

Migration of radiostrontium in biogeocenoses. N. A. Timofeeva. Dokl. AN SSSR 133 no.2:400-401 Jl '60.

Spins and parity levels of Y^{87-90} and Sr^{89}. N. I. Zaika, O. F. Nemets. Izv. AN SSSR Ser. fiz. 24 no.7:865-868 Jl '60.

STRONTIUM CHLORIDE

Kinetics of reactions between strontium, barium, and lead chlorides and bromine vapor [with summary in English]. V. A. Khitrov. Zhur. fiz. khim. 34 no.6:1304-1309 Je '60.

STRONTIUM FLUORIDE

Ternary systems of strontium fluoride and alkali metal fluorides. V. T. Berezhnaia, G. A. Bukhalova. Zhur. neorg. khim. 5 no.4:925-930 Ap '60.

STRUCTURAL FRAMES

Calculating the stability of certain elastic frame systems. A. N. Raevskii. Sbor. nauch. trud. LISI no.30:127-152 '59.

Determining stability of flat frames with latticed cross bars. A. N. Raevskii. Sbor. nauch. trud. LISI no.30:88-104 '59.

STRUCTURAL FRAMES—WELDING

Metal structure welding in an atmosphere of carbon dioxide. A. S. Volkov. Svar. proizv. no.7:26-27 Jl '60.

STRUCTURES, THEORY OF

Experimental principle in structural mechanics. V. A. Bovin. Sbor. trud. NIZhNII no.3:295-312 '59.

Saltko, N. K. [Dynamics of structures] Dinamika sooruzhenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 355 p.

STUDENT ACTIVITIES

(see also subdivision under Honduras; Moscow)

"Contact with production." Vsem. stud. nov. 14 no.3/4:27-28 Mr-Ap '60.

Our children. V. Krotetskii. Sem'ia i shkola 15 no.5:6-8 My '60.

Self-service in secondary schools. Shkola i proizv. 4 no.6:93-95 Je '60.

Students, science, modernity. A. Arkhipenko. Vsem. stud. nov. 14 no.3/4:19-20 Mr-Ap '60.

Work education of students in eight-year schools. A. N. Rus'ko, M. I. Rozenberg. Sov. pedag. 24 no.5:10-20 My '60.

(see also subdivision under Germany, East; Lahore; Spain)

Editors' mail. Vsem. stud. nov. 14 no.3/4:32 Mr-Ap '60.

Students' life. Vsem. stud. nov. 14 no.3/4:29-31 Mr-Ap '60.

A useful and fruitful meeting. Smena 37 no.15:16-17 Ag '60.

STUDENTS, AFRICAN—CONGRESSES

The sons of Africa. Abu Gidari. Vsem. stud. nov. 14 no.3/4:15-16 Mr-Ap '60.

STUDENTS, FOREIGN

Children of all lands. N. Sheremet'evskaia. Teatr 21 no.8:172-173 Ag '60.

STUDENTS, RUSSIAN see subdivision under United States

STUDY, METHOD OF

Methods for the independent study of books. D. Benikov. Sots. kul't. 13 no.6:17 Je '60.

STUKALOV, OLEG

Who lives in the little house? ("House of cards", a play in 10 episodes by O. Stukalov. Reviewed by N. Zaitsev) Neva no.6:205-206 '60.

STYLE, LITERARY

Word, form, and style (a discussion of the book "On the language of belles-lettres" by V. Vinogradov). Vop. lit. 4 no.8:40-67 Ag '60.

Word and image; on the results of a discussion. Vop. lit. 4 no.7:98-115 Jl '60.

STYRENE

Aralkylation of phenol by styrene and α-methylstyrene. S. V. Zavgorodnii, D. A. Zaitsev, D. P. El'chinov. Zhur. ob. khim. 30 no.7:2196-2199 Jl '60.

Experiments for increasing the selectivity and activity of styrene-process catalysts. V. P. Shatalov, L. A. Velikanova. Khim. prom. no.1:31-33 Ja-F '60.

Fluorostyrenes. Report No.1: Synthesis of p-fluorostyrene and 2,5-difluorostyrene. S. G. Malkevich, L. V. Chereshkevich. Plast. massy no.4:1-4 '60.

Fluorostyrenes. Report No.2: Polymerization of para-fluorostyrene and 2,5-difluorostyrene. S. G. Malkevich, L. V. Chereshkevich. Plast. massy no.5:3-5 '60.

Wetted-wall rectification of a styrene - ethylbenzene mixture. V. A. Malinov, N. A. Malafeev, N. M. Zhavoronkov. Khim. prom. 2:153-157 Mr '60.

SUBMARINE BOATS

Combat friendship is strong. G. Liubimova. Sov. mor. 20 no.11:20-21 Je '60.

Communists are in the advance guard. Sov. mor. 20 no.8:1 Ap '60.

Confidence in the commander. G. I. Shchedrin, A. S. Murakhov. Sov. mor. 20 no.10:16-19 My '60.

During a patrol. M. Beredin. Voen. znan. 36 no.7:10-11 Jl '60.

Miniature submarines in the Second World War. K. Gurevich. Voen. znan. 36 no.8:37-39 Ag '60.

Our strength. N. Anchurovskaia. Sov. mor. 20 no.10:7-9 My '60.

Resourcefulness. I. A. Kolyshkin. Sov. mor. 20 no.8:16-17 Ap '60.

Submarine takes off to sea. Voen. znan. 36 no.8:10 Ag '60.

This is romance. N. Lanina. Sov. voin 42 no.7:2-3 Jl '60.

SUBMARINE BOATS—MODELS

Submarine model with a rubber engine. A. Kuroptev. Voen. znan. 36 no.8:33-34 Ag '60.

SUBMARINE DIVING see Diving, Submarine

SUBMARINE GEOLOGY see subdivision under Baku Archipelago

SUBMARINE TELEVISION see Television, Submarine

SUBMARINE TOPOGRAPHY see subdivision under Indian Ocean (Madagascar region)

SUBSIDENCES (EARTH MOVEMENTS) see subdivision under Bulgaria

SUBSTITUTION (CHEMISTRY)

Regularities in the substitution of benzene hydrogen by alkyl groups. Part 10 [with summary in English]. E. P. Babin and others. Zhur. fiz. khim. 34 no.7:1380-1384 Jl '60.

Significance of the kinetic isotope effect in the theory of hydrogen substitution in aromatic systems. F. M. Vainshtein, E. A. Shilov. Dokl. AN SSSR 133 no.3:581-584 Jl '60.

SUBWAYS

(see also subdivision under Moscow)

Subway builders. E. Reznichenko. Mast. ugl. 9 no.7:22-23 Jl '60.

SUCCINIC DEHYDROGENASE

Cytoenzymological observations on succinic dehydrogenase by means of the tellurite method. G. I. Roskin, S. B. Kozhukhova. TSitologiia 2 no.3:353-363 My-Je '60.

SUCKER RODS

Calculating strains in sucker rods. V. M. Kasianov. Neft. khoz. 38 no.3:51-54 Mr '60.

SUDAN—DESCRIPTION AND TRAVEL

Through the Sudan and Ethiopia. M. S. IAkovlev, D. M. Shteinberg. Vest. AN SSSR 30 no.7:72-77 Jl '60.

SUGAR

Automatic recording device for determining the rate of disintegration of a piece of refined sugar in water under pressure. A. A. Grokhovskii, A. A. Soroka. Sakh. prom. 34 no.6:39-40 Je '60.

SUGAR—ANALYSIS

Rapid method of determining the moisture of sugar and of raw raffinade mush. E. B. Lysianskii. Sakh. prom. 34 no.7:34-38 Jl '60.

SUGAR—DRYING

Intensification of the process of drying refined sugar. B. M. Braginskaia, I. S. Leibman, M. T. Molchadskii. Sakh. prom. 34 no.6:27-29 Je '60.

SUGAR BEETS

(see also subdivision under Belgorod Province; Kirghizistan; Kornin)

Action of heptachlor and chlorindan introduced into the soil upon the larvae of beet curculionidae. S. A. Persin. Sakh. prom. 34 no.6:70-71 Je '60.

Conference on the continuous method of harvesting sugar beets. I. P. Lepeshkin. Sakh. prom. 34 no.6:16-18 Je '60.

Creators of monospermous sugar beets. F. Butchenko. Nauka i zhyttia 10 no.6:16-19 Je '60.

Determination of the dirt tare of beets at the receiving stations. P. N. Shemiakin. Sakh. prom. 34 no.7:25-27 Jl '60.

Field loader and cleaner of beets equipped with a grab crane (from "Sucrerie Française," Ap., 1959). Sakh. prom. 34 no.7:72 Jl '60.

Laureates of the Lenin Prize. M. K. Mel'nik. Sakh. prom. 34 no.6:67-68 Je '60.

Losses of beets during their mechanized loading into motortrucks and railroad cars. P. N. Shemiakin. Sakh. prom. 34 no.6:29-31 Je '60.

Monogermous sugar beets in the field. I. F. Buzanov. Nauka i zhizn' 27 no.7:21-24 Jl '60.

Operation of hydraulic conveyers. V. N. Peretminskii. Sakh. prom. 34 no.6:31-34 Je '60.

Processing sugar beets harvested by the continuous method. S. M. Moroz, V. I. Bessarabov. Sakh. prom. 34 no.7:23-25 Jl '60.

Storage of mother-beet roots with uncut leaves. K. N. Khuchua. Sakh. prom. 34 no.7:57-60 Jl '60.

Theory and practice of stone-removing operations (from "Zucker," no.4, 1960. Sakh. prom. 34 no.7:74-76 Jl '60.

SUGAR BEETS—FERTILIZERS AND MANURES

(see also subdivision under Mironovka)

Effect of different methods of trace element application on the size of chloroplasts and chlorophyll accumulation in sugar beet leaves. T. N. Godnev, R. A. Lipskaia. Vestsi AN BSSR. Ser. biial. nav. no.2:130-132 '60.

Latest in fertilizers, herbicides, and poisonous chemicals for sugar beets. S. E. Fridman. Sakh. prom. 34 no.6:73 Je '60.

SUGAR BEETS—HARVESTING

Boev, V. R. [Organizing the harvesting and hauling of sugar beets] Organizatsiia uborki i vyvozki sakharnoi svekly. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 80 p.
(DA)

Harvesting sugar-beet seed plants in separate stages. A. M. Fomichev. Sakh. prom. 34 no.7:55-57 Jl '60.

SUGAR BEETS—TRANSPORTATION

For the revision of the sugar-beet supply system. G. I. Maliutin. Sakh. prom. 34 no.6:10-11 Je '60.

SUGAR CANE

Processing unrefined sugar cane. S. I. Gerasimov. Sakh. prom. 34 no.6:15-16 Je '60.

SUGAR GROWING—CONGRESSES

All-Russian Conference of Sugar-Beet Growers. S. E. Fridman. Sakh. prom. 34 no.6:18-19 Je '60.

SUGAR INDUSTRY

(see also subdivision under Alma-Ata; Belgorod Province; L'gov; Moscow; Siberia; Soviet Far East; Ussuriysk)

Balance sheet of the production and consumption of sugar in some foreign countries during the 1958/1959 production season. N. D. Pokrovskaia, V. I. Koniaeva. Sakh. prom. 34 no.7:71 Jl '60.

Brief reports. Sakh. prom. 34 no.6:34 Je '60.

SUGAR INDUSTRY (Continued)

Brief reports. Sakh.prom. 34 no.7:16,51 Jl '60.

Expanding the role of the planning departments of sugar factories. R.T.Babita. Sakh.prom. 34 no.7:47 Jl '60.

From the pages of information bulletin of the Economic Councils. P.K.Popov. Sakh.prom. 34 no.6:78-79 Je '60.

Improving the quality and lowering the costs of the construction of sugar factories. A.V.Budnyi. Sakh.prom. 34 no.7:1-5 Jl '60.

Insufficient utilization of the sources for the increase of sugar supplies. N.G.Popov. Sakh.prom. 34 no.6:1-6 Je '60.

More about the technical, industrial, and financial plan of a sugar factory. V.K.IUrachkovskii. Sakh.prom. 34 no.7:49 Jl '60.

Shorter workday in sugar factories. A.P.Kostyrin. Sakh.prom. 34 no.6:44-47 Je '60.

Stock taking and quantity control at granulated sugar and raffinade factories. I.A.Rostripenko. Sakh.prom. 34 no.7:48 Jl '60.

SUGAR INDUSTRY—BIBLIOGRAPHY see Bibliography—Sugar Industry

SUGAR INDUSTRY—CONGRESSES

All-Ukrainian Conference of Sugar Industry Workers. N.A.Domchinskii. Sakh.prom. 34 no.7:70-70 Jl '60.

Brief reports. Sakh.prom. 34 no.6:28 Je '60.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES

Mechanization of the repair of packing bags. O.A.Kliuchenkov. Sakh.prom. 34 no.6:31 Je '60.

More about the defects in the design of sugar factories. I.B.Bal'tser, I.E.Zingel'. Sakh.prom. 34 no.6:42-43 Je '60.

Reduce communication lines in sugar factories. L.V.Krampol'. Sakh.prom. 34 no.6:56 Je '60.

Testing beet-pulp presses of different makes (from "Zeitschrift für die Zuckerindustrie," no.1, 1959). Sakh.prom. 34 no.6:74-76 Je '60.

SUGAR INDUSTRY—EXHIBITIONS

Brief reports. Sakh.prom. 34 no.6:10 Je '60.

SUGAR MACHINERY see subdivision under Kuybyshev

SUGAR MANUFACTURE

(see also subdivision under Belgorod Province; Kshen, Kursk Province; Kursk, Shramkovka)

Effect of invert sugar on the rate of sedimentation and filtration of juice of the first carbonation (from "Listy cukrovarnicke," no.1, 1960). V.I.Chopik. Sakh.prom. 34 no.6:76-77 Je '60.

Evaporating sugar solutions. V.P.Mitrofanov. Sakh.prom. 34 no.6:15-19 Je '60.

For the minimum duration of technological processes. L.E.Fleishman. Sakh.prom. 34 no.7:21-23 Jl '60.

Methods for calculating the yield of a raw refining pulp. I.F.Zelikman. Sakh.prom. 34 no.6:25-27 Je '60.

New method of juice purification in sugar-beet manufacture. A.F.IAkimov. Sakh.prom. 34 no.7:17-21 Jl '60.

"Processes and machinery in sugar-beet manufacture" by S.F.Zhigalov. Reviewed by I.A.Trub. Sakh.prom. 34 no.7:77-79 Jl '60.

System for the treatment of water used in the diffusion process. G.S.Benin. Sakh.prom. 34 no.6:31-34 Je '60.

Technological system for the purification of juice. I.M.Litvak. Sakh.prom. 34 no.6:20 Je '60.

SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES

Automatic regulation of a multiple-unit evaporator assembly (from "Zeitschrift für die Zuckerindustrie," no.1, 1960). Sakh.prom. 34 no.6:73 Je '60.

Determination of the economic effectiveness of the introduction of new techniques, and of the mechanization and automatization of production processes. N.V.Vinogradov. Sakh.prom. 34 no.6:49-53 Je '60.

SUGAR RESEARCH

New scientific center. V.G.IAtsenko. Sakh.prom. 34 no.6:1-4 Je '60.

SUKHORUKOVA, GALINA

Galina Sukhorukova. IU.Malyshev. Sov.muz. 24 no.6:134-135 Je '60.

SUKHOY DONETS RIVER—HARBOR

Using industrial methods in building mooring quays in the Ust'-Donets Port. K.D.Ladychenko, G.I.Grishin. Transp.stroi. 10 no.5:18-21 My '60.

SUKHOY LOG DISTRICT—JOURNALISM

Is it our business? It is! I.Andreev. Sov.pech. no.7:20 Jl '60.

SUKHUMI—COLD STORAGE WAREHOUSES

Painting the flat roof of a cold storage warehouse with aluminum powder. V.IUrchenko. Khol.tekh. 37 no.3:51 My-Je '60.

SUKHUMI—MONKEYS AD LABORATORY ANIMALS

Monkeys in the service of science. I.Hryhorovs'kyi. Nauka i zhyttia 10 no.6:37-38 Je '60.

SUKOCHAVI REGION—ALGAE

Desmidiaceous algae of the genus Staurastrum Meyen from lakes of the Sukorhavi region (Georgian S.S.R.). D.A.Tarnogradskii. Bot.mat.Otd.spor.rast. 13:87-100 '60.

SULA VALLEY (POLTAVA PROVINCE)—WILDLIFE, CONSERVATION OF

Revival of the doomed. V.A.Fedorov. Priroda 49 no.7:79-80 Jl '60.

SULFAPYRIDINE

Nicotinic acid and sulfidine. I.V.Bogdanova. Trudy VNIVI 8:216-219 '59.

SULFATES

Potentiometric determination of sulfate ions [with summary in English]. E.I.Vail', V.A.Kremer, A.P.Mirnaia. Zhur.anal.khim. 15 no.3:369-370 My-Je '60.

Purification and concentration of antiplague sera with neutral salts. P.A.Sherstnev and others. Izv.Irk.gos.nauch.-issl.protivochum.inst. 14:177-182 '57.

Sintering of some sulfates. A.IA.Zvorykin. Zhur.prikl.khim. 33 no.5:1019-1031 My '60.

Some characteristics of the interaction between sulfates and sulfides. N.I.Gapanskii, N.P.Diev. Zhur.neorg.khim. 5 no.5:1022-1027 My '60.

SULFIDES

(see also subdivision under Altai Mountains, Madneuli region, Russia, Northern)

Determination of sulfide, hydrosulfide and hydrogen sulfide present simultaneously in pure aqueous solutions [with summary in English]. K.P.Mishchenko, I.A.Tumanova, I.P.Elia. Zhur.anal.khim. 15 no.2:211-217 Mr-Ap '60.

Geochemistry of principal sulfide copper-zinc deposits in the U.S.S.R. [with summary in English, pp.308-309]. E.N.Ilieev. Probl.geokhim. no.1:6-304 '59.

Higher mercury content of fault zones in certain sulfide deposits. N.A.Ozerova. Geol.rud.mestorozh. no.3:90-95 My-Je '60.

An instance of coke formation in coals in contact with a sulfide vein. L.N.Sultanova. Geol.rud.mestorozh. no.6:85-89 N-D '59.

Organic insectofungicides. Part 61: Interaction between bis(dialkoxythiophosphono) disulfides and trialkyl and diarylphosphites. N.N.Mel'nikov, K.D.Shvetsova-Shilovskaia, M.IA.Kagan. Zhur.ob.khim. 30 no.7:2319-2322 Jl '60.

Simultaneous action of sulfides and organic compounds on the acid corrosion and brittleness of iron [with summary in English]. Z.A.Iofa, G.N.Tomashova. Zhur.fiz.khim. 34 no.5:1036-1044 My '60.

Some characteristics of the interaction between sulfates and sulfides. N.I.Gapanskii, N.P.Diev. Zhur.neorg.khim. 5 no.5:1022-1027 My '60.

SULFIDES—CLASSIFICATION

Principles for mineralogical classification of complex sulfide ores for industrial purposes [with summary in English, p.311]. E.K.Lazarenko, B.V.Merlich. Probl.geokhim. no.1:218-227 '59.

SULFIDES—ELECTRIC PROPERTIES

Studying the potentials of certain sulfide minerals. V.N.Gapirdashvili. Soob.AN Gruz.SSR 24 no.4:407-411 Ap '60.

SULFIDES—ELECTROMETALLURGY

Certain problems in the electric smelting of sulfide ores. IA.Kh.Osipov and others. Tsvet.met. 33 no.7:[illegible] Jl '60.

SULFITE LIQUOR

At the Scientific Research Institute of Hydrolysis and Wood Chemistry, Gidroliz.i lesokhim.prom. 13 no.4:31-32 '60.

Efficient system of preparation of sulfite liquor for biochemical processing. S.A.Sapotnitskii, N.V.Glushchenko. Gidroliz.i lesokhim.prom. 13 no.5:9 '60.

SULFONAMIDES

Effect of sulfonamides administered to chicks on the sporulation capacity of oocysts of the chicken coccidia Eimeria necatrix [with summary in English]. Z.M.Kogan. Zool.zhur. 39 no.7:978-983 Jl '60.

Treatment of diabetes mellitus with sulfanilamide preparations. A.P.Babinovich, N.M.Libman. Vrach.delo no.6:641-642 Je '60.

SULFONES

Sulfamethine treatment of otitis media purulenta chronica in tuberculosis patients. G.B.Podgaetskii, P.I.Pukh. Pat.,klin.i terap.tub. no.9:210-213 '58.

SULFONIC ACIDS

Wetting powders of sulfonate esters for use in water suspensions. S.I.Bezuglyi, B.A.Aktinov, V.G.Antonova. [Trudy] NIUIF no.165:21-31 '59.

SULFUR

Formation of ordered structures in the precipitation of suspended particles. I.F.Efremov, A.V.Khasin. Trudy LTI no.58:17-23 '59.

Mechanism of the sulfide corrosion of iron. Part 1. Kinetic aspects of the process [with summary in English]. P.V.Gel'd, A.K.[illegible] Zhur.fiz.khim. 34 no.7:1585-1593 Jl '60.

Principles of the efficient utilization of hydrogen in the processes of hydrodesulfurization of motor fuels. V.D.[illegible] and others. Khim.i tekh.topl.i masel [illegible] no.7:1-6 Jl '60.

Reactions of oleic and elaidic acids with sulfur. [illegible] Taranenko. Zhur.prikl.khim. 33 no.5:[illegible] My '60.

Thermodynamics of sulfur dissolved in liquid iron. [illegible] '60.

SULFUR—ANALYSIS

More accurate and rapid method of determining mineral sulfur (pyrite and sulfide) in coals. [illegible] '60.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR DIOXIDE

Bubble absorption of sulfur dioxide [illegible] in the production of [illegible]

Influence of sulfurous [illegible] others. Trudy VNIVI [illegible]

SULFUR ORGANIC COMPOUNDS

Studying the mechanism of [illegible] by some sulfur [illegible] Ag '60.

SULFUR TRIOXIDE

Synthesis of [illegible] system [illegible] V.A.[illegible] Jl '60.

SULFUR TRIOXIDE—SPECTRA

Frequencies of the [illegible] molecule [illegible]

SULFURIC ACID

Action of sulfuric acid [illegible] My '60.

Effect of sulfuric acid [illegible]

[illegible]

Optimum [illegible] A.G.[illegible]

[illegible]

[illegible]

Synthesis of [illegible] for the system [illegible] V.A.[illegible] Jl '60.

Sulfoacetic anhydride [illegible] sulfuric acid [illegible] system. [illegible] V.Mal[illegible] 2119-2120 Jl '60.

Sulfoacetic anhydride [illegible] sulfuric acid [illegible] and artificial [illegible] 30 no.7:2120-2124 Jl '60.

SULTONES

[illegible]

SUMMER

Climate of summer [illegible] Jl '60.

Harvest time [illegible] Jl '60.

SUMMER HOMES see subdivision under [illegible]

SUMMER RESORTS see subdivision under Dnieper Valley; Dniester Valley

SUMY DISTRICT—AGRICULTURE

A "council of progressive [illegible]" farm. A.Man[illegible] Je '60.

SUMY PROVINCE—PLANT [illegible]

[illegible]

[illegible]
[illegible] of heavy nuclei on single particle [illegible] transitions and decay [with summary [illegible]] [illegible]

[illegible]

[illegible]

[illegible] PHYTOPATHOLOGY
[illegible]

[illegible]

SURGEONS
Surgeons who are Lenin Prize winners. N.I. Krakovskii. Voen.-med. zhur. no.6:11-14 Je '60.

SURGERY
Razumovskii, V.I. [Selected works] Izbrannye trudy. Moskva, Medgiz, 1959. 281 p.
(DNLM)

Struchkov, V.I. [Studies in general and emergency surgery] Ocherki po obshchei i neotlozhnoi khirurgii. Izd. 2., dop. i perer. Moskva, Medgiz, 1959. 344 p.
(DNLM)

SURGERY - CONGRESSES
S"ezd khirurgov Rossiiskoi Federatsii. 1st, 1958. [Proceedings of the Congress of Surgeons of the Russian Federation] Trudy. Leningrad, 1958. 1 v.
(DNLM)

SURGERY - STUDY AND TEACHING
Askhangel'skaia-Levina, M.B. [Methodological manual for practical studies in general surgery] Metodicheskoe posobie k prakticheskim zaniatiiam po obshchei khirurgii. [Leningrad] Medgiz, 1959. 209 p.
(DNLM)

SURGERY, ASEPTIC AND ANTISEPTIC
Letter to the editors of "Meditsinskaia sestra." Med. sestra 19 no.8:44 Ag '60.

SURGERY, MILITARY
[illegible] problems in modern military field surgery. A.A. Vishnevskii, M.I. Shraiber. Voen.-med. zhur. no.6:31-[illegible]

SURGERY, OPERATIVE
V[illegible], V.P., and V.A. Ivanov. [Operative surgery and topographic anatomy] Operativnaia khirurgiia i topograficheskaia anatomiia. Moskva, Medgiz, 1959. [illegible] p.
(DNLM)

SURGICAL INSTRUMENTS AND APPARATUS
[illegible]

SURGICAL OPERATIONS see Operations, Surgical

[illegible]

SURKHANDAR'YA VALLEY - WATER, UNDERGROUND
[illegible]

SURVEYING
Petrov, M.P., and [illegible] Vasilenko. [Engineering surveying for [illegible] electric power [illegible]] [illegible] Moskva, [illegible] 1960. [illegible]

[illegible]

[illegible] operations [illegible]

[illegible] operations [illegible]

[illegible], V.P., [illegible], and [illegible] [illegible] 1960. [illegible]

SURVEYING - BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING - CONGRESSES
[illegible] Congress of the All [illegible] and Geodetic [illegible]

SURVEYING - [illegible]
[illegible]

SUSAMYR VALLEY—PHYTOGEOGRAPHY

Kornova, I. G. [Station geobotanical investigations in the Susamyr Valley] Statsionarnye geobotanicheskie issledovaniia Susamyrskoi doliny. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1959. 174 p.

SUSLIKS

(see also subdivision under Chernyye Zemli; Kara-Kalpak; Kazakhstan, Kiakhta District, Buryat-Mongolia; Manchuria; Transbaikalia, Uzbekistan; West Kazakhstan Province)

Determination of the age of the long-tailed suslik (Citellus undulatus Pall) A. N. Leont'ev, I. M. Vorotnikova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:60-68 '57.

Diet of the Daurian suslik. A. A. Moskovskii. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:56-59 '57.

Effect of dry and moist food on the characteristics of thermoregulation and some blood indices of the suslik Citellus pygmaeus Pall. [with summary in English] V. P. Kozakevich. Zool. zhur. 39 no.6:917-932 Je '60.

SUSLIKS—DISEASES AND PESTS

Cytological data on experimental plague in long-tailed susliks. N. V. Ol'kova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:31-41 '59.

Cytological data on experimental plague in long-tailed susliks and in marmots in relation to their fatness. N. V. Ol'kova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:43-54 '59.

Experimental plague among marmots and long-tailed susliks. E. I. Klets and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:15-30 '59.

SUSLIKS—PARASITES see Parasites—Susliks

SUSLIKS AS CARRIERS OF DISEASE

Materials on coccidia parasitic in the suslik Citellus fulvus Pall. in Alma-Ata Province. S. K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 12:91-93 '60.

SUSPENSIONS (CHEMISTRY)

Formation of ordered structures in the precipitation of suspended particles. I. F. Efremov, A. V. [illegible] Trudy LTI no.50:17-22 '59.

Sedimentation of the solid phase of a suspension [with summary in English]. U. TS. Andres. Inzh.-fiz. zhur. no.7:124-126 Jl '60.

SUVOROV, ALEKSANDR VASIL'EVICH, 1729-1800

Portraits of Suvorov in the Hermitage. A. V. Pomarnatskii. Trudy Gos. Erm. 3:120-153 '59.

SVENTOJI VALLEY—BRONZE AGE

Stone and bronze age site of Samantonis. R. K. Rimantene. Sov. arkheol. 4 no.2:115-127 '60.

SVENTOJI VALLEY—STONE AGE

Stone and bronze age site of Samantonis. R. K. Rimantene. Sov. arkheol. 4 no.2:115-127 '60.

SVERDLOV, IAKOV MIKHAILOVICH, 1885-1919

Companion in arms of Lenin's combat days. V. Dovlatov. Mast. ugl. 9 no.7:29 Jl '60.

IA. M. Sverdlov; on the 75th anniversary of his birth. Agitator no.10:24 My '60.

IA. M. Sverdlov; on the 75th anniversary of his birth. Prop. i agit. 41 no.9:63 My '60.

Sverdlov, IA. M. [Selected works in three volumes] Vybrani tvory v tr'okh tomakh. Kyiv, Derzh. vyd-vo polit. lit-ry URSR.
Vol. 1. 1960. 365 p.

IA. M. Sverdlov's thoughts on culture and education. I. Prokop'ev. Nar. obr. no.7:111-117 Jl '60.

IAkov Mikhailovich Sverdlov. K. T. Sverdlova (Novgorodtseva). Novyi mir 36 no.6:131-139 Je '60.

IAkov Mikhailovich Sverdlov. Sov. voin 42 no.10:6-7 My '60.

Life dedicated to the people. F. Mal'kala, R. Olenina. Smena 37 no.11:11 Je '60.

This is for the whole life. B. Ivanov. Ogonek 38 no.23:26 My '60.

SVERDLOVSK—BOOKBINDING

The bindery of our printing plant. A. S. Smoliar. Poligr. proizv. no.6:19 Je '60.

Let's develop the work of efficiency promoters. Z. N. Rubtsova. Poligr. proizv. no.6:20-21 Je '60.

SVERDLOVSK—CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

Experience in rubberizing articles at the Ural Chemical Machine Plant. I. G. Maizel', A. A. Samsonova. Khim. mash. no.4:39-40 Jl-Ag '60.

SVERDLOVSK—COLOR PRINTING

Using the method of "masking" in zincography. V. V. Polzik. Poligr. proizv. no.6:20 Je '60.

SVERDLOVSK—FILTERS AND FILTRATION

Manufacture of filter parts from vinyl plastics. A. I. Zaitsev. Khim. mash. no.4:38-39 Jl-Ag '60.

SVERDLOVSK—HISTORY

On the book "Outline history of Sverdlovsk." Novyi mir 36 no.6:281 Je '60.

SVERDLOVSK—LOADING AND UNLOADING

Over-all mechanization of loading-unloading operations. M. A. Rappoport. Zhel. dor. transp. 42 no.7:75-78 Jl '60.

SVERDLOVSK—MACHINERY INDUSTRY

Makarov, E. M. [Father of factories; outline history of the Ural Machine Plant] Otets zavodov; ocherk iz istorii Uralmashzavoda. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 149 p.

Public offices for economic analysis. D. Shmelev. NTO 2 no.7:11 Jl '60.

SVERDLOVSK—PARACHUTING

Relay competition. S. Klokov. Kryl. rod. 11 no.5:9 My '60.

SVERDLOVSK—PRINTING INDUSTRY

In the struggle for technical progress. P. A. Tsarev. Poligr. proizv. no.6:16 Je '60.

Printers will meet their obligations. M. A. Kaplan. Poligr. proizv. no.6:18-19 Je '60.

The typesetting shop is going to fulfill its plan. L. S. Rudenko. Poligr. proizv. no.6:17-18 Je '60.

We are preparing for the shift to the seven-hour workday. A. V. Morozov. Poligr. proizv. no.6:17 Je '60.

SVERDLOVSK—PRINTING MACHINERY AND SUPPLIES

Small-scale mechanization is a possibility for increasing the productivity of labor. V. A. Rubtsov. Poligr. proizv. no.6:21 Je '60.

SVERDLOVSK—RAILROADS—FREIGHT

Mechanization of loading and unloading on the Sverdlovsk Railroad. A. M. Mel'nikov. Mekh. i avtom. proizv. 14 no.6:19-21 Je '60.

SVERDLOVSK—RESTAURANTS, LUNCHROOMS, ETC.

Best restaurant at the Ural Chemical Machinery Plant. M. Bekel'man. Obshchestv. pit. no.6:28-29 Je '60.

Collective of communist labor. I. Bortnev. Obshchestv. pit. no.6:27-28 Je '60.

SVERDLOVSK—RUBBERIZED FABRICS

Experience in rubberizing articles at the Ural Chemical Machine Plant. I. G. Maizel', A. A. Samsonova. Khim. mash. no.4:39-40 Jl-Ag '60.

SVERDLOVSK—TECHNICAL EDUCATION

More complex production demands a higher quality of training. M. Vlaskov. Prof.-tekh. obr. 17 no.6:15-16 Je '60.

SVERDLOVSK PROVINCE—DRILLING AND BORING MACHINERY

Walker-drill. Tekh. mol. 28 no.5:8 '60.

SVERDLOVSK PROVINCE—JOURNALISM

Character of an evening newspaper. N. [illegible] Sov. pech. no.7:17-19 Jl '60.

His Majesty, the working class. Mikh. Pol'skii. Sov. pech. no.7:10-11 Jl '60.

On the pulse of life. Mikh. Soldatkin. Sov. pech. no.7:14-16 Jl '60.

SVERDLOVSK PROVINCE—RAILROADS

For a 7-hour workday without decreasing productivity. N. Lapikov. Sov. profsoiuzy 16 no.9:27-29 My '60.

SVERDLOVSK PROVINCE—STATE FARMS—ACCOUNTING

An efficient means of control. S. S. Plotnikov. Uchet i fin. v kolkh. i sovkhoz. 17 no.5:24-25 My '60.

SVERDLOVSK PROVINCE—YEAST

To develop the yeast production in the Sverdlovsk Province. I. P. Rustam. Gidroliz. i lesokhim. prom. 13 no.1:28 '60.

SVETLOYE—SHIPYARDS—EQUIPMENT AND SUPPLIES

Over-all mechanization of the submarine assembling of precast reinforced concrete slips. N. V. Krasnov, K. D. Ladychenko. Transp. stroi. 10 no.6:36-39 Je '60.

SVETOGORSK—GAS PURIFICATION

Purification of waste gases by an experimental froth-type unit at the Svetogorsk cellulose sulfate plant. V. F. Maksimov, N. M. Isaeva. Trudy LTI no.50:65-70 '59.

SVIRIDOV, GEORGII VASIL'EVICH, 1915

Close cooperation between music and poetry. L. [illegible] Kul't. i zhizn' 4 no.8:30-31 '60.

SWAMPS

(see also subdivision under Irshava District)

Deep drainage of flat bogs. S. P. Avel'ianov, D. P. Ilinovich, V. M. Ignat'eva. Gidr. i mel. 12 no.5:21-[illegible] My '60.

SWANS—PARASITES see Parasites—Swans

SWEDEN—ATLASES

"Atlas of Sweden" [in Swedish]. Reviewed by L. P. Serebrianyi. Izv. AN SSSR. Ser. geog. no.4:125-126 Jl-Ag '60.

SWEDEN—ATOMIC WEAPONS

Sweden and atomic weapons. [illegible] Mir. ekon. i mezhdunar. otn. [illegible] 108 [illegible]

SWEDEN—[illegible]

Swedish perishable goods [illegible] weight, [illegible]

SWEDEN—LENIN, VLADIMIR IL'ICH, 1870-1924

Lenin in Sweden, 1917. [illegible]

SWEDEN—LUMBER—DRYING

New developments in the [illegible] (from "[illegible]" no. [illegible]) [illegible] My '60.

SWEDEN—MUSIC

Letter from Sweden. [illegible]

SWEDEN—PALEOGEOGRAPHY

Results of the [illegible] graphy of Sweden. [illegible]

SWEDEN—SHIPBUILDING—EQUIPMENT AND SUPPLIES

[illegible] made of glass plastics [illegible]

SWEDEN—WATER SUPPLY ENGINEERING

Water supply of [illegible]

SWIMMING

[illegible], Z. P. [illegible] 1960. [illegible] p.

[illegible] Jl '60.

[illegible] My '60.

SWIMMING—[illegible]

[illegible]

SWINE see subdivision under [illegible]

SWINE—FEEDING AND FEEDS

(see also subdivision under [illegible] District, Zabol[illegible])

[illegible]

[illegible]

[illegible] (USA)

SWINE—PHYSIOLOGY

Effect of [illegible]

SWINE BREEDING

Bibliography of the [illegible]

SWINE ERYSIPELAS see [illegible]

SWITCHING THEORY

Commutator [illegible]

Complexity of [illegible] of formulas, [illegible] '60.

Determination of the [illegible]

Effect of transient [illegible] bar system. [illegible] 35-55 '59.

High-speed [illegible] computers. [illegible]

Limiting of the number of [illegible] 119-124 '59.

Study of regulating type [illegible] Probl. peredachi inform. no.4:133-[illegible]

Synthesis of [illegible] Probl. kib. no.3 [illegible]

SWITZERLAND—AERIAL PHOTOGRAMMETRY

Aerial photographic [illegible] Switzerland [illegible] My '60.

Airplane model building in foreign countries. Kryl.rod. 11 no.7:26 Jl '60.

SWITZERLAND—ELECTRICITY, INJURIES FROM

Statistics of electrical injuries in Switzerland during 1957 (from "Bulletin SEV," no.5, 1959). IA.E.Vol'fkovich. Prom.energ. 15 no.6:46-47 Je '60.

SWITZERLAND—SOIL MECHANICS

Combined device for probing soil. N.M.Kukharov. Transp.stroi. 10 no.6:58 Je '60.

SYAS' VALLEY—GANOIDEI, FOSSIL

Systematic position of Eusthenopteron wenjukowi (Rohon). E.I.Vorob'eva. Paleont.zhur. no.2:121-128 '60.

SYLLOGISM

Lukasiewicz, Jan. [Aristotle's syllogistic from the standpoint of modern formal logic. Translated from the English. Preface by P.S.Popov] Aristotelevskaia sillogistika s tochki zreniia sovremennoi formal'noi logiki. Moskva, Izd-vo inostr. lit-ry, 1959. 310 p.

SYLVINITE

Electrostatic concentration of sylvinite and phosphorite ores. A.I.Angelov, IU.IA.Golger. Khim.prom. no.2:168-172 Mr '60.

SYMMETRY (BIOLOGY)

Asymmetry of plant leaves and flowers. IU.A.Urmantsev. Dokl.AN SSSR 133 no.2:480-481 Jl '60.

Biomechanical asymmetry and its correction in prosthesis [with summary in English]. I.Sh.Morein. Biofizika 5 no.3:327-333 '60.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPATHOMIMETICS

Influence of vegetative stimulators on cell division in the epithelium of the cornea [with summary in English]. E.S.Tsareva. Biul.eksp.biol.i med. 49 no.1:115-117 Ja '60.

SYMPHONY ORCHESTRAS

(see also subdivision under Moscow)

The first time in the United States. Konstantin Ivanov. Kul't i zhizn' 4 no.6:48-51 '60.

How to improve the work of symphony orchestras. I.Vigner. Sov.muz. 24 no.7:124-126 Jl '60.

Our orchestras should and can be the best in the world. K.Kondrashin. Sov.muz. 24 no.6:121-124 Je '60.

SYMPHYLLOCARPUS see subdivision under Amur Valley; Sungari Valley

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Experimental studies of the compression of a cluster of electrons in a 280 Mev synchrotron. A.G.Frolov, and others. Dokl.AN SSSR 133 no.3:564-567 Jl '60.

High-voltage supply of rotating plates of the ion beam inlet system for the chamber of a proton-synchrotron of 10 Gev. G.A.Zeitlenok, L.P.Zinov'ev, I.M.Rotte. Prib.i tekh.eksp. no.2:16-20 Mr-Ap '60.

Modeling of the phase motion of particles in a proton-synchrotron by means of a system providing for the inertial synchronization of the frequency-modulated oscillator. A.A.Vasil'ev. Dokl.AN SSSR 133 no.2:115-118 Jl '60.

Studying the energy dependence of photonuclear interaction cross sections by means of a synchrotron. B.G.Vasil'kov, B.B.Govorkov, A.V.Kutsenko. Prib.i tekh.eksp. no.2:23-26 Mr-Ap '60.

SYNTHETIC PRODUCTS

Corn starch instead of flour. B.Nakhmanovich. NTO 2 no.7:22 Jl '60.

PresnIakov, A.G. [Conquered molecule] Pokorennaia molekula. [Moskva] Mosk.rabochii, 1960. 55 p.

Scientific and Technical Council of the All-Union Scientific Research Institute of Petroleum Chemicals. V.I.Klimenko. Khim.prom. no.2:167 Mr '60.

SYNTHETIC RESINS see Resins, Synthetic

SYNTHETIC RUBBER see Rubber, Synthetic

SYR DARYA VALLEY—DARKLING BEETLES

Larvae of the genus Adesmia Fisch. (Coleoptera, Tenebrionidae) [with summary in English]. N.G.Skopin. Zool.zhur. 39 no.7:1039-1043 Jl '60.

SYRINGES

Syringe with sterilizer and spirit lamp. S.I.Svetlov. Med.sestra 19 no.8:35-36 Ag '60.

SYSTEMS (CHEMISTRY)

Chemical processes in heterogeneous systems. M.S.Nemtsov. Zhur.prikl.khim. 33 no.5:1075-1084 My '60.

Comments on D.S.Korzhinskii's article "Extreme states in systems with completely mobile components." A.V.Storonkin. Zhur.fiz.khim. 34 no.7:1643-1644 Jl '60.

sodium, and potassium chlorides and sulfates. E.K.Akopov, A.G.Bergman. Zhur.neorg.khim. 5 no.6:1257-1266 Je '60.

Component analysis of binary systems by means of the attenuation of γ-radiation [with summary in English]. V.S.Merkulov, A.V.Klimushev. Zhur.fiz.khim. 34 no.6:1373-1376 Je '60.

Further remarks on extreme states (reply to A.V.Storonkin). D.S.Korzhinskii. Zhur.fiz.khim. 34 no.7:1645-1646 Jl '60.

Fusibility diagram for a quaternary system consisting of chlorides and sulfates of lithium, sodium, and potassium. E.K.Akopov. Zhur.neorg.khim. 5 no.7:1577-1587 Jl '60.

Metastable equilibria in the quaternary system Mg^{2+}, Ca^{2+} CO_3^{2-}, SO_4^{2-} - H_2O at P_{CO_2} = 1 atm. and t = 25°. I.G.Berg, I.A.Borisova. Zhur.neorg.khim. 5 no.6:1287-1289 Je '60.

More about the study of liquid systems by means of the deviation of viscosity logarithms from additivity. A.IA.Deich. Zhur.fiz.khim. 34 no.6:1382-1383 Je '60.

Phase separation in liquid inorganic systems. I.N.Beliaev. Usp.khim. 29 no.7:899-912 Jl '60.

Phases of the system chromium - nickel - niobium [with summary in English]. V.M.Svechnykov, V.M.Pan. Dop.AN URSR no.5:634-637 '60.

Physicochemical analysis of silicate systems (Kurnakov lecture of December 9, 1959). N.A.Toropov. Zhur.neorg.khim. 5 no.4:763-771 Ap '60.

Properties of binary systems formed by C_5 hydrocarbons. S.K.Ogorodnikov, V.B.Kogan, M.S.Nemtsov. Zhur.prikl.khim. 33 no.7:1599-1607 Jl '60.

Shape of the liquidus curves of phase diagrams for systems with chemical interaction. T.N.Sumarokova. Zhur.neorg.khim. 5 no.7:1572-1576 Jl '60.

Solubility and composition of the solid phases in the system Na_2SO_4 - Na_2CO_3 - NaOH - H_2O at 25 to 150°. I.S.Itkina, V.F.Kokhova. Zhur.neorg.khim. 5 no.6:1288-1298 Je '60.

Solubility diagram of the quaternary system Na_2SiO_3 - K_2SiO_3 - NaOH - KOH - H_2O. Report No.1: Solubility diagram of the system Na_2SiO_3 - KOH - H_2O at 0°C. M.G.Manvelian and others. Izv.AN Arm.SSR Khim.nauki 13 no.1:25-30 '60.

Study of equilibrium systems with five or more components. V.A.Ocheretnyi. Zhur.neorg.khim. 5 no.7:1588-1597 Jl '60.

System acetic anhydride - sulfuric acid. Part 2: Synthesis of sulfoacetic acid and volumetric investigations of an "artificial system." T.V.Mal'kova. Zhur.ob.khim. 30 no.7:2120-2124 Jl '60.

Ternary system Na_2Cl_2 - K_2Cl_2 - $BaSO_4$. N.V.Khakhlova, N.S.Dombrovskaia. Zhur.neorg.khim. 5 no.4:920-924 Ap '60.

Ternary systems of potassium sulfate, chromate, and tungstate, and of potassium molybdate, chromate, and tungstate. G.A.Bukhalova, Z.A.Mateiko. Zhur.neorg.khim. 5 no.5:1132-1134 My '60.

Thermal analysis of the systems $NdCl_3$ - $FeCl_3$, $FeCl_3$ - NaCl, $FeCl_3$ - KCl, $FeCl_3$ - CsCl, and $NdCl_3$ - $FeCl_3$ - KCl. V.I.Ionov, I.S.Morozov, B.G.Korshunov. Zhur.neorg.khim. 5 no.6:1248-1253 Je '60.

Thermodynamic theory of critical phenomena in three-component systems. Part 3: On the shape of the cusp at the critical point of a ternary system [with summary in English]. A.V.Storonkin, A.I.Rusanov. Zhur.fiz.khim. 34 no.5:977-982 My '60.

Thermodynamic theory of critical phenomena in three-component systems. Part 4: Critical curves of a three-component system [with summary in English]. A.V.Storonkin, A.I.Rusanov. Zhur.fiz.khim. 34 no.6:1212-1218 Je '60.

25° Solubility isotherms of the ternary systems Mg^{2+}, Ca^{2+} ∥ CO_3^{2-} - H_2O, Na^+, Ca^{2+} ∥ CO_3^{2-} - H_2O, and Na^+, Mg^{2+} ∥ CO_3^{2-} - H_2O at P_{CO_2} = 1 atm. and t = 25°. I.G.Berg, I.A.Borisova. Zhur.neorg.khim. 5 no.6:1283-1286 Je '60.

TAGANROG—POLICE PATROL

Patrolmen in Taganrog try to improve their work. K.Raitses. Sov.iust. no.7:11 Jl '60.

TAGANROG—THEATER

"The cherry orchard." M.Turovskaia. Teatr 21 no.8:115-117 Ag '60.

TAGORE, RABINDRANATH, 1861-1941

Meeting with Rabindranath Tagore. Aleksandr Filatov. V zashch.mira no.7:77-79 Je '60.

TAILINGS (METALLURGY)

Filtration studies of the tailing storage pond at the Kadzharan Copper-Molybdenum Combine. V.M.Shestakov. TSvet.met. 33 no.5:10-14 My '60.

Trends in the design of dams for tailing storage ponds. S.N.Bilnov. TSvet.met. 33 no.5:5-10 My '60.

TAJIK LANGUAGE—DIALECTS

Tajik dialects and their diffusion [with summary in English]. N.A.Melekh. Vest.LGU 15 no.14:140-151 '60.

——AERONAUTICS IN MEDICINE

Around us. Ogonek 38 no.25:19 Je '60.

TAJIKISTAN—HYDROELECTRIC POWER STATIONS

Subduing the Vakhsh [with English summary in insert]. B.Snegov. Sovr.Vost. no.7:14-16 Jl '60.

TAJIKISTAN—LICE

Materials on the ecology of the louse Haematopinus suis L. parasitic on the Central Asian wild boar [with summary in English]. T.G.Mel'nikova. Zool.zhur. 39 no.6:866-872 Je '60.

TAJIKISTAN—POLICE PATROL

A review of the newspapers of the Union Republics. Sots.zakon. 37 no.6:83 Je '60.

TAJIKISTAN—STATISTICS—CONGRESSES

Conference of the activist group of Central Statistical Administration workers of the Tajik S.S.R. Vest.stat. no.7:69 '60.

TAL', MIKHAIL

Chess. A.Lilienthal'. Mast.ugl. 9 no.6:31 '60.

TALAS ALA-TAU—GABBRO

Alkaline gabbroid intrusions in the northwestern spurs of the Talas Ala-Tau. M.P.Orlova. Uch.zap.LGU no.291:91-121 '60.

TALAS VALLEY—DACE

Dace from the Talas River basin. S.Litvak. Sbor.nauch.rab.stud.Nauch.stud.ob-va Kir.un. no.2:59-61 '59.

TALAS VALLEY—SIEROZEM SOILS

Skeletal Sierozems of northern Kirghizistan and their reclamation. N.K.Bazhenov. Izv.AN Kir.SSR.Ser.biol.nauk 2 no.2:63-109 '60.

TALC see subdivision under Dzhetyg region (Ural Mountains)

TALES

The Russian manuscript of the tale "Peter, knight of the golden keys." K.M.Novikova. Sbor.trud.MZPI no.6:219-249 '59.

TALES, SIAMESE

Brief notes on new books. Inostr.lit. no.8:258-259 Ag '60.

TALLINN—ARCHITECTURE—DESIGNS AND PLANS

Innovations in architectural design. L.Serebrianyi. NT 4 no.7:44 Jl '60.

TALLINN—FACTORIES—FIRES AND FIRE PREVENTION

Victoria Elht, chief of a volunteer fire brigade. E.Günterval'd. Pozh.delo 6 no.7:30 Jl '60.

TALLINN—SKATING RINKS

Artificial ice skating rink in Tallinn. Khol.tekh. 37 no.3:68 My-Je '60.

TALLINN—YEAST

New sulfite yeast plant. L.V.Alton. Gidroliz.i lesokhim.prom. 13 no.5:18-21 '60.

TALMUD

Voropaeva, K.L. ["Sacred books" and who wrote them] "Sviashchennye knigi" i kto ikh napisal. [Leningrad] Lenizdat, 1959. 69 p. (Bibliotechka ateista)

TALSI—FIRE EXTINCTION—WATER SUPPLY

We are building reservoirs. I.Emel'ianov. Pozh.delo 6 no.7:31 Jl '60.

TALYSH MOUNTAINS—FUNGI IN AGRICULTURE

Peronosporales fungi parasitic on farm crops in the Talysh [in Azerbaijani with summary in Russian]. S.A.Dzhafarov. Dokl.AN Azerb.SSR 16 no.3:293-297 '60.

TAMAN PENINSULA—DIATOMS, FOSSIL

New interesting diatoms from Maeotic deposits of the Black Sea region. A.I.Proshkina-Lavrenko. Bot.mat.Otd.spor.rast. 13:64-68 '60.

TAMBOV PROVINCE—ARTESIAN WELLS

Casing of wells with asbestos-cement pipes on collective and state farms of Tambov Province. V.I.Zaburdaev. Gidr.i mel. 12 no.6:36-38 Je '60.

TAMBOV PROVINCE—COMMUNIST EDUCATION

We should skillfully combine all forms of mass propaganda. G.Lapchinskii. Polit.samoobr. 4 no.6:87-91 Je '60.

TAMBOV PROVINCE—RED SPIDER

Materials on the biology of tetranychid mites damaging fruit trees in Tambov Province [with summary in English]. R.S.Rymashevskaia. Zool.zhur. 39 no.6:842-847 Je '60.

TAMIL LANGUAGE

Andronov, M.S. [The Tamil language] Tamil'skii iazyk. Pod obshchei red. G.P. Serdiuchenko. Moskva, Izd-vo vostochnoi lit-ry, 1960. 72 p. (IAzyki zarubezhnogo Vostoka i Afriki)

TANK, MAKSIM, pseud see Skurko, Evgenii Ivanovich, 1912-

TANK VESSELS

(see also subdivision under Great Britain)

Petroleum fleet operations according to the principle of permanently attaching tows to the barges. I. Dubrovin. Rech. transp. 10 no. 5:10-12 My '60.

TANK VESSELS—CLEANING

Gas removal by emulsion from barges transporting gasoline. P. Taube, O. Sevast'ianov. Rech. transp. 19 no. 5:15-16 My '60.

TANK VESSELS—HANDLING

Kukharenko, G.IA. [Sailing to the Antarctic to join a whaler fleet] Plavanie v Antarktiku k kitoboinoi flotilii. Moskva, Izd-vo "Morskoi transport," 1960. 26 p.

TANK WARFARE

Glory to our Soviet tank crews! P. Markov. Voen. znan. 36 no. 8:1-2 Ag '60.

In a leading armored unit. A. Zelentsov. Voen. znan. 36 no. 8:8-9 Ag '60.

TANKS

Calculating and plotting calibration tables of oil tanks with pontoon roofs. Z.O. Liandres. Neft. khoz. 38 no. 3:55-59 Mr '60.

Calculating gas connections for oil storage tanks. V.I. Titkov. Neft. khoz. 38 no. 6:61-64 Je '60.

Determining the capacity of tanks for storing liquefied gases with natural evaporation. N. Riabtsev. Zhil.-kom. khoz. 10 no. 6:10-11 '60.

Device for determining the deflection of horizontal oil tanks. S.N. Gol'dberg. Neft. khoz. 38 no. 3:59-61 Mr '60.

Plastic oil tanks. S.I. Idashkin. Stroi. truboprov. 5 no. 6:30-31 Je '60.

Steel tanks of a great holding capacity without bracings. A.S. Arzunian. Stroi. truboprov. 5 no. 6:14-17 Je '60.

TANKS—STANDARDS

Change No. 1 in "Technical specifications for making and assembling vertical cylindrical steel tanks for storing petroleum and petroleum products." Biul. stroi. tekh. 17 no. 7:25 Jl '60.

TANKS—WELDING

Assembly line for the manufacture of 60 m^3 welded tanks. D.P. Antonets, A.V. Zhigalo, R.G. Polotskii. Svar. proizv. no. 6:14-17 Je '60.

TANNING MATERIALS

Methods of tanning photographic emulsions. V.L. Zelikman. Usp. nauch. fot. 7:161-169 '60.

TANNU-TUVA see Tuva Autonomous Province

TANTALUM

Formation of Eu^{145} in the reaction of deep splitting on Ta. A.A. Bashilov and others. Izv. AN SSSR Ser. fiz. 24 no. 7:768-770 Jl '60.

"Tantalum and niobium" by G.V. Samsonov, V.I. Konstantinov. Reviewed by E.I. Gurovich. Zhur. neorg. khim. 5 no. 7:1630 Jl '60.

TANTALUM—ANALYSIS

Determination of small amounts of tantalum and niobium in granites with the aid of isotope dilution. A.P. Savostin, I.P. Alimarin. Vest. Mosk. un. Ser. 2 Khim. 15 no. 1:45-48 '60.

Methods of determining small amounts of niobium and tantalum in raw ores. V.S. Bykova, V.I. Skrizhinskaia. Zav. lab. 26 no. 5:523-529 '60.

TANTALUM—ISOTOPES

Gamma spectra of isotopes of a tantalum fraction. E.P. Grigor'ev and others. Izv. AN SSSR Ser. fiz. 24 no. 7:845-846 Jl '60.

TANTALUM COMPOUNDS

Double aryl diazonium chloride salts of niobium and tantalum. V.M. Cherkasov, I.F. Vladimirtsev. Zhur. ob. khim. 30 no. 7:2235-2238 Jl '60.

TANTALUM NITRIDE

Acid resistance and methods of analysis of titanium, zirconium, niobium and tantalum nitrides. O.I. Popova, G.T. Kabannik. Zhur. neorg. khim. 5 no. 4:930-934 Ap '60.

TAPESTRY

Making patterns for tapestry weaving. I.Z. Reshetnik. Tekst. prom. 20 no. 7:34-39 Jl '60.

TAPEWORMS

(see also subdivision under Kazakhstan)

Pseudandrya monardi (Cyclophyllidea) as indicator of the common origin of Anoplocephalata. A.A. Spasskii. Trudy Gel'm. lab. 10:195-197 '60.

TARTU—PSYCHOLOGY

Psychology at Tartu University (1802-1940). K.A. Ramul'. Vop. psikhol. 6 no. 2:128-134 Mr-Ap '60.

TASHKENT—GALINSOGA

A new weed in the flora of Uzbekistan. M.M. Nabiev. Uzb. biol. zhur. no. 3:70 '60.

TASHKENT—GRAPEVINES

Phenology of wild species of the genus Vitis L. in Tashkent. Uzb. biol. zhur. no. 3:27-34 '60.

TASHKENT—TEXTILE INDUSTRY

Sadykova, N. [Stalin textile plant in Tashkent; an historical account] Tashkentskii tekstil'nyi kombinat im. Stalina; istoricheskii ocherk. Tashkent, Akad. nauk UzSSR. Muzei istorii, 1959. 66 p.
(MiU)

TASHKENT PROVINCE—ALFALFA—FERTILIZERS AND MANURES

Effect of potassium fertilizers on hay yields and accumulation of the root mass of alfalfa in meadow soils of the irrigated zone of Central Asia [with summary in English]. M.Z. Kaziev, Kh.Z. Usmanov. Pochvovedenie no. 7:81-86 '60.

TASHKENT PROVINCE—CLUBS—FINANCE

What do the account figures tell us? K. Shishkov. Klub 9 no. 5:10-11 My '60.

TASHKENT PROVINCE—COTTON—IRRIGATION

Use of the irrigation system with distributing pipelines on the "Farkhad" State Cotton Farm. G.M. Zlotnikov. Gidr. i mel. 13 no. 6:40-49 Je '60.

TASHKENT PROVINCE—RAILROADS—FREIGHT

Idle time of freight cars has been reduced. I. Solov'ev. NTO 3 no. 7:43 Jl '60.

TASTE

Effect of stimulation of the taste receptors on interoceptive vascular reflexes. R.S. Zhur. Trudy Inst. fiziol. AN BSSR 3:81-89 '59.

TATAR A.S.S.R.—BONUS SYSTEM

How supplementary wages are being determined in the Tatar A.S.S.R. P. Varfolomeev. Fin. SSSR 21 no. 5:56-57 My '60.

TATAR A.S.S.R.—BUDGET

Role of the budget in the development of the economy and culture of the Tatar A.S.S.R. Kh. Alupov. Fin. SSSR 21 no. 7:15-18 Jl '60.

TATAR A.S.S.R.—ECONOMIC CONDITIONS

Role of the budget in the development of the economy and culture of the Tatar A.S.S.R. Kh. Alupov. Fin. SSSR 21 no. 7:15-18 Jl '60.

TATAR A.S.S.R.—EDUCATION, COOPERATIVE

Reorganization of schools in the Tatar A.S.S.R. M. Makhmudov. Sov. pedag. 24 no. 4:91-98 Ap '60.

TATAR A.S.S.R.—FOREST ECOLOGY

Applying the concepts of series and cycle to the study of mixed coniferous-deciduous woods [with summary in English]. V.S. Porfir'ev. Biul. MOIP. Otd. biol. 65 no. 3:93-102 My-Je '60.

TATAR A.S.S.R.—MEDICINE

Brief news. Kaz. med. zhur. 40 no. 5:127-130 S-O '59.

TATAR A.S.S.R.—PETROLEUM

Osipov, I.Z. [Tataria's treasure] Sokrovishcha Tatarii. Kazan', Tatarskoe knizhnoe izd-vo, 1959. 246 p.
(NN)

TATAR A.S.S.R.—PETROLEUM INDUSTRY

Tatar petroleum workers are striving for the fulfillment of the seven-year plan. A.T. Shmarev. Neft. khoz. 38 no. 1:12-18 Ja '60.

TATAR A.S.S.R.—PUBLIC HEALTH

Public health system of the Tatar A.S.S.R. on the 42nd anniversary of the October Revolution. F.Kh. Fatkullin. Kaz. med. zhur. 40 no. 5:3-5 S-O '59.

TATAR A.S.S.R.—RETAIL TRADE

Trade in the Tatar A.S.S.R. N. Krainov. Sov. torg. 33 no. 6:45-47 Je '60.

TATAR A.S.S.R.—SOCIAL CONDITIONS

New life of a Tatar family. M. Akhmetzianov. Sem'ia i shkola 15 no. 6:33 Je '60.

TATAR A.S.S.R.—TECHNICAL EDUCATION

Youth of Tataria are studying. O. Ivanova. Komsom. zhizn' no. 10:13-16 My '60.

TATARSK—ELECTRIC RAILROADS—SUBSTATIONS

Experiment at the Tatarsk traction substation. A.R. Sumin. Elek. i tepl. tiaga 4 no. 5:22 My '60.

TATRA MOUNTAINS—NATIONAL PARKS AND RESERVES

On the Slopes of the Tatra Mountains. I. Oros. Nauka i zhizn' 27 no. 5:49-50 My '60.

TAX COLLECTION

Shortcomings in planning deductions from profits. IA. Moreinis. Fin. SSSR 21 no. 7:53-57 Jl '60.

TAXATION

Tax robbery. S. Tatlybaev. Blok. agit. [Len.] no. 16:10-15 Je '60.

A vigorous economic expansion is the basis for a steady improvement in the welfare of the Soviet people. Ekon. sel'khoz. [illegible] no. 6:3-9 Je '60.

Ziablin, S.P. [Without taxes, without war] Bez nalogov, bez voiny. Moskva, Gos. izd-vo polit. lit-ry, 1960. 31 p.

TAXATION, EXEMPTION FROM

Kyrylenko, K.V. [Tax exemptions of some groups of the Soviet people] Pil'hy [illegible]. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1959. 76 p.

TAXICABS see subdivision under Moscow

TAXODIACEAE, FOSSIL see subdivision under Kaliningrad Province

TAYSHET—SEWAGE—PURIFICATION

Plan for the purification of sewages of the Tayshet [illegible] wood chemical plant. [illegible] Gidroliz. i lesokhim. prom. [illegible] '60.

TBILISI see Tiflis

TEA

Flavonoid transformation in crushing tea leaves. [illegible] Dzhemukhadze, M.N. [illegible] Dokl. AN [illegible] no. 4:469-471 [illegible] '60.

Geographical variability of the tea plant as raw material for the tea industry [with summary in English]. [illegible] Dzhemukhadze. Izv. AN [illegible] biol. [illegible] My-Je '60.

TEA—STANDARDS

Russia (1923- U.S.S.R.) [illegible] standartov. [Tea and coffee] [illegible] ofitsial'noe. Moskva, 1959. 61 p. ([illegible] standarty SSSR)

TEACHERS

(see also subdivision under White Russia)

Bibliographer's page. [illegible]

Books about the best teachers of Leningrad. [illegible] by E.A. [illegible] Petrova. Reviewed by [illegible] no. 5:93-94 My-Je '60.

Decision of the Central Committee of the C.P.S.U. and the Council of Ministers of the U.S.S.R. [illegible] Nat. shk. [illegible] '60.

"Russian teacher." Reviewed by [illegible] no. 7:139-140 Jl '60.

TEACHERS, TRAINING OF

Aid for class advisers. V.I. [illegible] no. 1:57-59 Ja '60.

Conference of workers of the pedagogical faculties. O. Vrieslava, [illegible] Nach. shk. 30 [illegible] 95-99 Je '60.

In close cooperation with schools. D. [illegible] Sov. pedag. 24 no. 4:134-136 Ap '60.

TEACHERS' COLLEGES see subdivision under [illegible]

TEACHERS' INSTITUTES see subdivision under France

TEACHERS OF THE DEAF

Compiling the characteristics of [illegible] '60.

TEACHING

A book on an important topic [illegible] and authority of the teacher" [illegible] Reviewed by V.A. [illegible] Sov. pedag. 24 no. 5:141-144 My '60.

"Combination of the [illegible] in teaching." Edited by [illegible] Reviewed by [illegible] Vop. psikhol. 6 no. 2:[illegible] Mr-Ap '60.

Current problems in teaching. [illegible] '60.

If you are a teacher. N. [illegible] 92-98 Ag '60.

Straightforwardness and frankness. [illegible] Jl '60.

Types of teaching and the ways of improving the efficiency of lessons in boarding schools. M.S. [illegible], I.M. Stepankov. Dokl. APN no. 4:41-44 '59.

We should see everything that [illegible] things. [illegible] '60.

TECHNETIUM

Chromatographic method for purifying technetium. A.F. Kuzina, V.I. Spitsyn. Zhur. neorg. khim. 5 no. 5:[illegible] 1012 My '60.

[illegible] 17-18 My '60.

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under India, Iraq

TECHNICAL ASSISTANCE, WHITE RUSSIAN see subdivision under United Arab Republic

TECHNICAL EDUCATION

(see also subdivision under Azerbaijan, Chernomorskiy, Krasnodar Territory, Czechoslovakia; Dnepropetrovsk; France, Kalinin Province; Kaluga Province, Leningrad, Moscow, Tatar A. S. S R.)

The activity of party organizations in heavy industry for on the job training of engineering and technical staffs during the first five-year plan V N, Veter Nauch dokl vys shkoly,ist nauki no 1 37-49 '60

Akademiia pedagogicheskikh nauk RSFSR. Moscow. Institut metodov obucheniia. [Technical education practices in city schools] Opyt tekhnicheskogo obucheniia v gorodskoi shkole. Moskva, 1959. 164 p.
(NNC)

Assembly-line production in a school? P. Poliakov. Prof.-tekh.obr. 17 no.5:12 13 My '60.

Bagramov, L. A. [What disturbs them; the U.S.A. has lost the competition in the training of specialists] Chto ikh trevozhit; SShA proigrali sorevnovanie v oblasti podgotovki spetsialistov. Moskva, Gos.izd-vo polit. lit-ry, 1960. 40 p.

Be worthy of the times! D. Molotov. Prof.-tekh.obr. 17 no.5 26 28 My '60.

Cultural and technical development of Soviet workers. M.T.Iovchuk. Vop.filos. 14 no.7:34-49 '60.

Don't be afraid of progress. L.M.Kuz'min. Sred.spets. obr. 7 no.6:7-10 Je '60.

Humanities in technical education. M.Wildi. Mir nauki no.7:29-34 '60.

In close cooperation with schools. B.Ratskii. Sov.pedag. 24 no.4:154-156 Ap '60.

In the Ministry of Higher and Secondary Special Education of the U.S.S.R. Sred.spets.obr. 7 no.6:60-63 Je '60.

Mendeleevskii s"ezd. 8th, Moscow, 1959. [Symposium on the higher chemical and technical education] Simpozium po vysshemu khimicheskomu i tekhnologicheskomu obrazovaniiu. Moskva, Izd-vo Akad.nauk SSSR, 1959. 62 p. (Referaty dokladov i soobshchenii, no.18)

News from schools. P.Galibov and others. Prof.-tekh. obr. 17 no.5:32, 3 of cover My '60.

Notes on education. F.Cherkashin. Prof.-tekh.obr. 17 no.6:24 26 Je '60.

Scientific bases of technical education. H.Levy. Mir nauki no.7:1-6 '59.

Share technical knowledge with the masses. I.Kononov, V.Davydov. Mas.ugl. 9 no.7:10 Jl '60.

Technical education as part of a unified system of education. I.Gerensian. Mir nauki no.7:13-19 '59.

The training of industrial and technical personnel in Russia from 1820 through the 1850's. N.S.Kiniapina. Ist. SSSR 4 no.3:110 131 My Je '60.

Training of specialists is the most important factor. S.Kuznetsov. NTO 2 no.7:35 Jl '60

University for increasing the qualification of engineers and technicians. Lit.proizv. no.7:3 of cover Je '60.

TECHNICAL EDUCATION—BIBLIOGRAPHY see Bibliography—Technical education

TECHNICAL EDUCATION - EXHIBITIONS see subdivision under Penza

TECHNICAL EDUCATION—PERIODICALS see subdivision under Europe, Eastern

TECHNICAL LIBRARIES

(see also subdivision under Krasnoyarsk, Moscow; Perovo, Rostov on-Don)

Bring technical literature to the masses. Bibliotekar' no.7:1-3 Jl '60.

TECHNICAL SOCIETIES

Brief news. NTO 2 no 7:64 Jl '60.

Inspection committee of the primary organization. V A. Pankratov. NTO 2 no 7:59-60 Jl '60.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Georgia; Hungary; Irkutsk; Kazakhstan; Kiev Province)

Advertising board. Izobr.i rats. no.8:60-61 Ag '60.

Aid technological progress with credit. G.Ivanovskii, K.Sukhova, A.Alushiev. Den.i kred. 18 no.7:16-28 Jl '60.

Carrying out decisions of the June Plenum of the Central Committee of the CPSU. Mekh.i avtom.proizv. 14 no.6:1-3 Je '60.

Carrying out the plan for the development and introduction of technological innovations. Biul.tekh.-ekon. inform. no.7:66-67 '60.

Consultation on efficiency promotion and inventions. Razved i okh nedr 26 no 5 52-53 My '60

Efficient, economical, and high grade. G.Porozhenko. Izobr.i rats. no.8:18-21 Ag '60.

Foreign news. Izobr.i rats. no.8:64 Ag '60.

Foreign technological innovations Okhr. truda i sots strakh 3 no 3 71 Mr '60

Important objectives of the Exhibition of Achievements of the National Economy of the U.S.S.R. A.F.Shchegolev Mekh.i avtom.proizv. 14 no.6:4-6 Je '60.

Innovations are at the door. A.N.Dem'ianovich. Izobr. i rats. no.8 2-3 Ag '60.

Interesting initiative of the periodical "Gornyi Zhurnal." Mekh.i avtom.proizv. 14 no.6:61 Je '60.

Inventions made to order. V.Antonov. Znan.sila 35 no.6: 16-18 Je '60

New exhibits in the Transportation Pavilion at the Exhibition of Achievements of the Soviet National Economy A.Zebin Avt.transp. 38 no 7 51-54 Jl '60

Prompted by the thought of the future I.Petrov. NTO 2 no 7.23-24 Jl '60

Rewards to the best. P.Zakharov. NTO 2 no.7:42 Jl '60.

Science and the workshop. A.I.Kriebko, IA G.Panovko. Ogonek 38 no.29:12-13 Jl '60

Shortsighted stinginess. I.Karasev. Izobr.i rats. no.8:50-51 Ag '60.

Stars on the map D.Basilov. Ogonek 38 no.27 3 Jl '60

Suggestions which save millions. L.Kostiushko, G.Ul'chenko NTO 2 no.7:43 Jl '60

Where is the boundary? N.Shalito. Izobr.i rats. no.8 53-55 Ag '60.

TECHNOLOGICAL INNOVATIONS—EXHIBITIONS

Exhibition of industrial achievements. G.U.Dashevskaia. Metalloved.i term.obr.met. no.6:47-49 Je '60.

TECHNOLOGY

(see also subdivision under Czechoslovakia)

Around the world. Tekh.mol. 28 no.5:30-31 '60.

Around the world. Tekh.mol. 28 no.6:38-39 '60.

The era of boundless prospects (to be concluded). Oleh Pyasruzhovs'kyi. Nauka i zhyttia 10 no.7:22-25 Jl '60.

In the laboratories and institutes of our country. Tekh. mol. 28 no.6:23 '60.

A little about everything Nauka i zhizn' 27 no 5:70-71 My '60

A little bit about everything. Nauka i zhizn' 27 no.6: 70-71 Je '60.

A little bit about everything. Znan.sila 35 no.5:36-37 My '60.

Pocket-size books and the wide world. P.Rebinder. Tekh.mol. 28 no.5:34 '60.

Revisions brought about in a single decade, 1950-1960. Znan.sila 35 no.7:45 Jl '60.

Rubtsov, I.E. [Regularity of scientific and technological progress under socialism] Zakonomernosti nauchno-tekhnicheskogo progressa pri sotsializme. Moskva, Znanie, 1960. 40 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.2., Filosofiia, no.6)
(MH)

Scientists came to the factory... A.Efim'ev. Nauka i zhizn' 27 no.7:2-7 Jl '60.

Sixty years plus ten more. Znan.sila 35 no.6:40-47 Je '60.

Technical progress is the law of our life. Okhr.truda i sots.strakh. 3 no 6:1-5 Je '60

Today and tomorrow of science and technology. A.Sysoev. Znan.sila 35 no.7:46 Jl '60.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—HISTORIOGRAPHY

In the learned council of the Institute of History of Science and Technology of the Academy of Sciences of the U.S.S.R. T.F.Bedretdinova. Vop.ist.est.i tekh. no.9:185-186 '60.

TECHNOLOGY—PERIODICALS

Open letter to the editorial board of "Voprosy istorii estestvoznaniia i tekhniki." V.N.Sukachev, E.N.Pavlovskii, P.A.Baranov. Vop.ist.est.i tekh. no.9:197-198 '60.

TECHNOLOGY AND CIVILIZATION

Episkoposov, G.I. [Technological progress and the problem of preserving the peace] Tekhnicheskii progress i problema sokhraneniia mira. Moskva, Izd-vo In-ta mezhdunar.otnoshenii, 1960. 58 p.

Science and the society of the atomic age. N.N.Semenov. Vop.filos. 14 no.7:24-33 '60.

TECUMSEH, SHAWNEE CHIEF, 1768-1813—FICTION

"Tecumtha" [in English] by Wallace Havelock Robb. Reviewed by G. Zhuravlev. Inostr.lit. no.7:268-269 Jl '60.

TEETH—CARE AND HYGIENE

Oral hygiene at a remote garrison. A.T.Kuz'min, M.L. Gerber. Voen.-med.zhur. no.6:70 Je '60.

University of beauty and health. Smena 37 no.15:31 Ag '60.

People will be people ("Seed sown in sand"; a novel by V.Teitelboim. Reviewed by V.Kutelshchikova). Inost lit. no.7:262-264 Jl '60.

TELECOMMUNICATION

(see also subdivision under Leningrad, Ul'yanovsk)

Admission for graduate study. Vest.sviazi 20 no.4:32 Ap '60.

Certificates of invention. Elektrosviaz' 14 no.6:74 Je '60.

Fifth Plenum of the Trade-Union Central Committee. Vest.sviazi 20 no.4:31 Ap '60.

For continued improvement in the operation of communication centers. Vest.sviazi 20 no.4:30 Ap '60.

Foreign patents. Elektrosviaz' 14 no.6:75 Je '60.

Frequency characteristics of DATs-50 point-type arc lamps. V.A.Parshinskii. Svetotekhnika 6 no.7:11-13 Jl '60.

Lenin's ideas are turned into reality. Vest.sviazi 20 no.4:1-2 Ap '60.

Novikov, V.A. [Long-distance communications] Dal'niai sviaz'. Moskva, Vses.izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniia, 1960. 240 p.

Parameters of a high-frequency overhead communicatio line. V.V.Roditi. Elektrosviaz' 14 no.6.54-57 Je '6

Zvonigorodskii, I.S. [Remote control communication channels] Kanaly sviazi dlia telemekhaniki. Moskva, Gos.energ.izd-vo, 1960. 151 p.

TELECOMMUNICATION—ACCOUNTING

Eliminate the shortcomings in the business accounting system. R.N.Maniakhina, V.K.Bazyk. Vest.sviazi 20 no.6:16 Je '60.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—COMPETITIONS

Leaders of socialist competitions. Radio no.7:15 Jl '60.

TELECOMMUNICATION—CONGRESSES

At the A.S.Popov Society of Radio Engineering and Telecommunication. I.G.Stoliarov. Radiotekhnika 15 no.7:75-76 Jl '60.

Meeting of planning and finance personnel. Vest.sviazi 20 no.4:32 Ap '60.

TELECOMMUNICATION—EMPLOYEES

In reply to the concern of the party and government. Vest.sviazi 20 no.6:18 Je '60.

Leaders in socialist competition. Vest.sviazi 20 no.6 27-28 Je '60.

Legislation on the adjustment of pay for communication workers. N.I.Bakhgorskii. Vest.sviazi 20 no.6:17-Je '60.

TELEGRAPH

(see also subdivision under Gorkiy; Lithuania)

[Automatic commutation in general telegraph networks] Avtomaticheskaia kommutatsiia v telegrafnykh setiakh obshchego pol'zovaniia; informatsionnyi sbornik. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1959. 119 p. (Tekhnika sviazi za rubezhom)

Effect of phase skipping on signal distortion in an FM voice-frequency carrier telegraphy channel. N.N. Etrukhin. Elektrosviaz' 14 no.6:50-53 Je '60.

Improvement in the telephone reception of telegrams fro municipal communication centers. IA.A.Shevchenko. Vest.sviazi 20 no.4:25-26 Ap '60.

Polokhin, S.I. [Theory of wire communications] Teoriia sviazi po provodam. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio, 1960. 461 p.

Telegraph agencies in Russian during the 19th century. B.I.Esin. Vest.Mosk.un.Ser.7; Filol.,zhur. no.1: 61-67 '60.

TELEGRAPH—CODES

Classroom equipment for studying the telegraph code. S.Matlin. V pom.radioliub. no.5:59-72 '58.

TELEGRAPH—EQUIPMENT AND SUPPLIES

Classroom equipment for studying the telegraph code. S.Matlin. V.pom.radioliub. no.5:59-72 '58.

New automatic teletypewriter. G.U.Osipenko. Vest. sviazi 20 no.4:11-13 Ap '60.

TELEGRAPH, WIRELESS

Second Interagency Competition of Radio Operators. B.TSyganov. Radio no.6 18 Je '60.

TELEMETERING

Discrete telemetering system using a contactless remot control and signaling device. N.I.Kalatozishvili, G.I Nadiradze, R.P.Megrelishvili. Soob.AN Gruz.SSR 24 no.3:325-327 Mr '60.

"Instrumentation for relaying data by radio from rockets and missiles." Reviewed by M.V.Maksimov. Vest. Vozd.Fl. no.2:88-89 F '60.

TELEPHONE
(see also subdivision under Riga)

Polekhin, S. I. [Theory of wire communications] Teoriia sviazi po provodam. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 401 p.

Telephone load. B. S. Livshits. Probl. pered. inform. no.4:56-64 '59.

TELEPHONE—EQUIPMENT AND SUPPLIES

TaB-1 telephone apparatus for rural communication. L.P. Finkler. Vest. sviazi 20 no.6:9-10 Je '60.

TELEPHONE, AUTOMATIC

Automatic coupling of public telephones with long-distance switching centers. D. V. Perkin. Vest. sviazi 20 no.4:27-28 Ap '60.

Commutator of a machine for synthesis of switching circuits. V. G. Lazarev, IU. L. Sagalovich. Probl. pered. inform. no.4:124-132 '59.

Comparison of controlling devices in automatic telephone exchanges of the crossbar system. M. M. Podvidze, G.D. Khanin. Elektrosviaz' 14 no.7:60-65 Jl '60.

Crossbar automatic telephone exchange with a capacity of 40 to 80 numbers. B.S. Livshits, I. Kh. Movshovich. Vest. sviazi 20 no.4:15-16 Ap '60.

Determination of the optimum coefficient of expansion in a two-stage switching circuit which is used in link selecting operation. E. I. Melik-Gaikazova, A. D. Kharkevich. Probl. pered. inform. no.4:27-34 '59.

Device for transmitting a selective call from an automatic telephone exchange. A.P. Sapron, A.I. Mogilin, K. I. Nazarov. Avtom., telem. i sviaz' 4 no.6:28-31 Je '60.

Direct dialing of numbers through automatic telephone exchanges by use of TsB-2 commutators. G. M. Sharofeev. Avtom., telem. i sviaz' 4 no.7:34-35 Jl '60.

Effect of transposed switching-in on the carrying capacity of selection stages of automatic telephones of the crossbar system. G. G. Savvin. Probl. pered. inform. no.4:35-55 '59.

Equivalent behavior of relay networks. T. L. Maistrova. Probl. pered. inform. no.4:97-114 '59.

Fully fixed Markov chains in independent contact-relay networks and analogous determined systems. G. N. Povarov. Probl. pered. inform. no.4:85-96 '59.

Livshits, B. S., G. A. Novikov, and I. S. Karafonov. [Rural automatic telephone stations] Sel'skie avtomaticheskie telefonnye stantsii. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 195 p.

Markhai, E. V., V. N. Roginskii, and A. D. Kharkevich. [Automatic telephony] Avtomaticheskaia telefoniia. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1960. 635 p.

Outgoing trunk from the TsB*183 commutator at ATS-33 automatic telephone exchanges. I. F. Makatnov. Avtom., telem. i sviaz' 4 no.7:37-38 Jl '60.

Selection of group formation networks with consideration of the intricacy of control systems. G. G. Savvin, A. D. Kharkevich. Probl. pered. inform. no.4:5-18 '59.

Training of personnel to service VRS equipment at automatic telephone exchanges. A. G. Ezhov. Vest. sviazi 20 no.6:26-27 Je '60.

Use of multidimensional local limiting theorem in calculating the probability of existence of two-stage telephone systems with refusals. G. P. Basharin. Probl. pered. inform. no.4:19-26 '59.

TELEPHONE, AUTOMATIC—EQUIPMENT AND SUPPLIES

Investigating the precision of the rotation mechanisms of ten-step switch rotors of an automatic telephone station. P. A. Lebedev. Trudy Inst. mash. Sem. po tochn. v mash. i prib. no.14:3-10 '60.

TELEPHONE, AUTOMATIC—TESTING

Testing device for VRS automatic telephone stations with a capacity of 20 numbers. D. G. Nalbandian. Vest. sviazi 20 no.6:16 Je '60.

TELEPHONE LINES

Sokolov, V. V. [Urban telephone lines] Linii gorodskikh telefonnykh setei. Moskva, Gos. izd-vo lit-ry po voprosam sviazi i radio, 1959. 303 p.

TELEPHOTOGRAPHY

Objectives with long focal length lenses. IU. Irov. Sov. foto 20 no.7:30-32 Jl '60.

TELESCOPE

System for the automatic coordination of the rotation of the dome with the movement of an equatorially mounted telescope [with summary in English] IU. A. Sabinin, V. P. Egorov. Izv. Krym. astrofiz. obser. 22:275-287 '60.

TELEVISION
(see also subdivision under Kurgan)

Around us. Ogonek 38 no.25:10 Je '60.

Books on television ("Electric transmission of pictures" by A. V. Tarantsov. Reviewed by F. I. Barsukov, IU. I. Beliaev). Vest. Vozd. Fl. no.6:87-89 Je '60.

Device for tuning a television set. M. Vitte. V pom. radioliub. no.5:3-14 '58.

Improve the training of radiobroadcasting and television specialists. A. P. Efimov. Vest. sviazi 20 no.4:31 Ap '60.

Question of decreasing excessive information in a television signal. V. A. Makhonin. Probl. pered. inform. no.4:140-151 '59.

Questions on the design and tying-in of standard television centers. I. I. Govallo. Vest. sviazi 20 no.4:17-18 Ap '60.

Scientific session dedicated to Radio Day. Tekh. kino i telev. 4 no.7:96-3 of cover Jl '60.

Two more remarks. A. Kotelenko. Radio no.6:40 Je '60.

TELEVISION—ANTENNAS

Magnetic antenna attachment for a television set. P. Trifonov. Radio no.7:29-30 Jl '60.

Test results of a wide-band antenna. IU. Rutkovskii. Radio no.6:52 Je '60.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EQUIPMENT AND SUPPLIES
(see also subdivision under France)

Video magnetic tape recording. I. Okhotnikov, I. Polikov. Znan. sila 35 no.5:16-19 My '60.

TELEVISION—PICTURE TUBES

Journey into television kinescope. A. Daltabin. Radio no.6:28-31 Je '60.

TELEVISION—RECEIVERS AND RECEPTION
(see also subdivision under Gorkiy Province)

Amateur design of a television set. A. Drugov, P. Korobeinikov. Radio no.7:31-33 Jl '60.

Control and testing TV unit for tuning black-and-white and color receivers. N. IU. Balmakov, I. N. Deshevskii, I. P. Zakharov. Tekh. kino i telev. 4 no.7:31-36 Jl '60.

Means for improving operational characteristics of a receiving television network. A. M. Kantseva. Vest. sviazi 20 no.4:31-32 Ap '60.

Operational reliability of television sets. A. M. Kantseva, V. D. Kladovshchikov, M. M. Latin. Tekh. kino i telev. 4 no.6:65-70 Je '60.

Spiral scanning. K. V. Saptykin. Tekh. kino i telev. 4 no.6:60-64 Je '60.

Stepanian, M. A. [For the buyer of a television set] Pokupateliu o televizorakh. Pod red. L. D. Fel'dman. Moskva, Gos. izd-vo torg. lit-ry, 1960. 61 p.

Television receiver. A. Pilikian. Radio no.7:25-28 Jl '60.

"Volna" and "Druzhba" television sets. V. Klibson and others. Radio no.6:11-16 Je '60.

TELEVISION—TRANSMITTERS AND TRANSMISSION

Driving synchronizing generator. M. G. Garb, V. M. Iligalov, D. A. Saf'ian. Tekh. kino i telev. 4 no.7:10-24 Jl '60.

Outlook for the use of vidicons in low frame frequency television systems. A. G. Kondrat'ev, IU. G. Minenko. Tekh. kino i telev. 4 no.7:63-67 Jl '60.

TELEVISION, SUBMARINE

Gabin, N. V. [Underwater television] Podvodnoe televidenie. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 97 p.

Through the pages of foreign magazines. Radio no.6:60-61 Je '60.

TELEVISION BROADCASTING

Some potential directions in the development of television broadcasting techniques. S. I. Kataev. Tekh. kino i telev. 4 no.6:3-8 Je '60.

TELEVISION BROADCASTING OF FILMS see subdivision under Leningrad

TELEVISION CAMERAS

Determining the longitudinal resolving power of pick-up tubes by two points of the aperture characteristic. M. V. Antipin. Tekh. kino i telev. 4 no.6:49-56 Je '60.

Methods for measuring geometric distortions in pick-up tubes. K. A. Fedorov. Tekh. kino i telev. 4 no.7:59-63 Jl '60.

Signal generation in an image iconoscope with dot trace scanning. I. I. Khramov. Radiotekhnika 15 no.6:45-[illegible] Je '60.

TELEVISION IN EDUCATION

Television and its use in education. V. T. Ruzheinikov. Sov. pedag. 24 no.5:50-51 My '60.

TELEVISION IN GEOLOGY

Television in geology. M. Krajčík. Nauka i zhizn' 27 no.6:73 Je '60.

TELLURITE

Cytoenzymological observations on succinic dehydrogenase by means of the tellurite method. G. I. Roskin, S. D. Korzhukhova. Tsitologiia 2 no.3:351-[illegible] My-Je '60.

TELLURIUM
(see also subdivision under Transcarpathia)

Effect of selenium and tellurium on the catalytic action of silver in the oxidation of ethylene. V. L. Ostrovskii, N. V. Kul'kova, A. D. Rodionova. Dokl. AN SSSR 133 no.4:875-877 Ag '60.

Isolating tellurium from solution [illegible] cementation with [illegible] P. P. [illegible] A. A. [illegible] no.7:[illegible] '60.

Studying the [illegible] of the system [illegible] A. A. [illegible] Dokl. AN SSSR [illegible] '60.

TELLURIUM—ANALYSIS

Trihydroxyfluorone derivatives as reagents for tellurium. [illegible] '60.

TELLURIUM—ISOTOPES

New isotope Te[illegible] [illegible] '60.

TELLURIUM-GOLD ALLOYS

Investigating [illegible] gold alloys [with summary in English] [illegible] '60.

TEMPERAMENT

Conference on problems on the role of the types of nervous system in [illegible] '60.

Scientific conference [illegible] of temp[illegible] AN [illegible]

TEMPERATURE [illegible]
Boiling [illegible]

TEMPERATURE—MEASUREMENT

Approximate solution [illegible] [with summary in English] [illegible]

Determining the [illegible] [with summary in English] [illegible]

High-temperature [illegible] and other [illegible] no.6 [illegible] '60.

Measuring the temperature [illegible] of low temperature pickup [illegible] '60.

Measuring the temperature [illegible]

Some [illegible]

Using [illegible]

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of [illegible]

Effect of [illegible] [with summary [illegible]]

Influence of [illegible]

Influence of the temperature [illegible] [with summary [illegible]] '60.

Relation between [illegible]

Sensitivity of [illegible] Dokl. AN [illegible]

Influence of [illegible]

Survival of [illegible] [with summary in English] [illegible]

TEMPERATURE REGULATOR

Temperature [illegible]

TEMPERING

Effect of [illegible] toward temper [illegible] Kuleshova [illegible]

Effect of the alloying elements [illegible] growth of carbide phase [illegible] tempering. M. P. Ar[illegible] 78-82 '60.

Tempering [illegible] A. A. Alexandrov [illegible] '60.

TEMPLES, ARMENIAN

The Zvartnots Temple [in Armenian with summary in Russian]. Karo Kafadarian. Ist.-filol. zhur. no. 4:174-194 '59.

TEN COMMANDMENTS see Commandments, Ten

TENDRIAKOV, VLADIMIR FEDOROVICH, 1923-

A man must dare! ("Catching the fleeting day" by V. Tendriakov. Reviewed by E. Gromov). Smena 37 no. 13:22 Jl '60.

TENGIZ, LAKE—FLAMINGOS

Flamingos on Lake Tengiz (central Kazakhstan). I. A. Dolgushin. Trudy Inst. zool. AN Kazakh. SSR 13:125-132 '60.

TENNIS

Tennis rackets in little hands. Ogonek 38 no. 22:28-29 My '60.

TER-OVANESIAN, IGOR'

"How can you joke like that, dear doctor!" A. Starkov. Ogonek 38 no. 32:5-7 Ag '60.

TERBIUM

Investigating the duration and intensity of the luminescence of trivalent gadolinium and terbium ions in solutions. E. V. Kondrat'eva, G. I. Lazeeva. Opt. i spekt. 8 no. 1:132-135 Ja '60.

Variation of the duration of the luminescence of trivalent gadolinium and terbium ions in a sulfuric acid-water system as related to the concentration of the components. E. V. Kondrat'ev. Opt. i spekt. 8 no. 1:130-132 Ja '60.

TERBIUM—ISOTOPES

Gamma radiation from Tb^{160}. N. A. Voinova and others. Izv. AN SSSR Ser. fiz. 24 no. 7:853-857 Jl '60.

TEREK DELTA REGION—HYDROLOGY

Some features of the level regimen in the estuary region of the Terek River. I. P. Beltsev. Trudy GOIN no. 40. 61-78 '60.

TEREK-KUMA PLAIN—ROCKS—THERMAL PROPERTIES

Geothermal characteristics of the Ozek-Suat oil field and other regions of the Terek-Kuma Plain. K. I. Vorob'eva. Geol. nefti i gaza 4 no. 6:42-46 Je '60.

TEREK RIVER—BARRAGES

Damming the channel of the Terek River by directed blasting. P. S. Lobachev. Gidr. stroi. 30 no. 6:17-19 Je '60.

TEREK VALLEY—PASTURE RESEARCH

Seasonal dynamics of herbage in different associations of semidesert microcomplexes. I. I. Volkova. Bot. zhur. 45 no. 7:1027-1031 Jl '60.

TEREPHTHALIC ACID

Fractional composition of polyethylene terephthalate. A. A. Geller, A. A. Konkin, V. A. Miagkov. Khim. volok. no. 3:10-12 '60.

Processing polyethylene terephthalate into a film. N. V. Andrianova, L. G. Batalova, I. F. Kanavets. Plast. massy no. 1:16-27 '60.

TERMAKUL' REGION—MINERAL WATER BIOLOGY

Mass death of animals in mineralized and self-precipitating lakes of Western Siberia and northern Kazakhstan [with summary in English]. N. K. Dokalbakh. Zool. zhur. 39 no. 7:1088-1090 Jl '60.

TERNOPOL PROVINCE—AGRICULTURAL POLICY

Three one-year plans for selling meat to the state. G. Shevchuk. Ekon. sel'khoz. 31 no. 6:9-17 Je '60.

TERNOPOL PROVINCE—ATHEISM

Evening lectures on scientific atheism. V. Kulish. Agitator no. 14:47-48 Jl '60.

TERNOPOL PROVINCE—STOCK AND STOCKBREEDING

Three one-year plans for selling meat to the state. G. Shevchuk. Ekon. sel'khoz. 31 no. 6:9-17 Je '60.

TERPHENYL

Isolating o-terphenyl from vat residues of benzene pyrolysis. E. P. Kaplan, A. D. Petrov. Zhur. prikl. khim. 33 no. 5:1226-1229 My '60.

Preparation of p-terphenyl of high purity. L. A. Mikhailova and others. Trudy IREA no. 23:11-13 '59.

TERRACING

Determining the distance between terraces. M. N. Ivanovskii. Trudy SIMSKH no. 14:74-79 '59.

TERRAMYCIN

Comparative characteristics of strains of Act. rimosus (producer of oxytetracycline) and experimentally produced variants [with summary in English]. S. M. Rudaia, N. K. Solov'eva. Mikrobiologiia 29 no. 3:433-440 My-Je '60.

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

A new polypore of the family Scutigeraceae in Kirghizistan. A. S. Bondartsev. Bot. mat. Otd. spor. rast. 13:220-221 '60.

TESLENKO, K.

Confident step ("As long as I am alive, I will love" by M. Lisovs'ka, K. Teslenko. Reviewed by O. Balakirev). Sov. Ukr. 10 no. 7:179-181 Jl '60.

TESTICLE—INNERVATION

Changes in the testicle and epididymis following the removal of spinal sensory ganglia. V. G. Kondratenko. Dokl. AN SSSR 134 no. 3:713-715 Jl '60.

Changes in the testicle following denervation. V. G. Kondratenko. Biul. MOIP. Otd. biol. 65 no. 3:146 My-Je '60.

TESTING LABORATORIES

(see also subdivision under Kiev)

Organizing the work of factory laboratories. P. M. Sapov. Zav. lab. 26 no. 5:643-645 '60.

TESTING LABORATORIES—EQUIPMENT AND SUPPLIES

Brief reports. Zav. lab. 26 no. 5:638-642 '60.

TESTING MACHINES

Apparatus for determining Young's modulus at high temperatures. P. I. Mel'nichuk, A. B. Lindichenko. Zav. lab. 26 no. 5:619-620 '60.

Apparatus for investigating the gripping of metals during a reciprocating-rotary motion. K. A. Krylov. Zav. lab. 26 no. 6:764-765 '60.

Assembly for inducing cyclic stresses of 16-20 kc frequency in samples. IU. F. Balalaev. Zav. lab. 26 no. 5:617-619 '60.

Attachment to a tensile machine for tests at high temperatures and in a vacuum. N. D. Sobolev, S. V. Borisov. Zav. lab. 26 no. 7:877-879 '60.

Attachment to the R-5 machine. L. K. Videit, V. M. Chibanov. Zav. lab. 26 no. 7:881-882 '60.

Brief reports. Zav. lab. 26 no. 7:892-894 '60.

Certain structural improvements in P-5 tensile testing machines for short time testing at high temperatures. G. N. Rostovtsev and others. Trudy MATI no. 43:131-133 '60.

Device for cutting holes in test samples designed for the MI-type friction machine. Li Hon-Gir, V. B. Lladskii, A. Pulatov. Zav. lab. 26 no. 6:768-769 '60.

Device for fastening samples in tensile testing. B. I. Garber, L. M. Perunina. Zav. lab. 26 no. 7:882-883 '60.

Device for testing the tensile strength of heated specimens. V. S. Zoteev. Zav. lab. 26 no. 7:879-880 '60.

Device for the high-temperature determination of the compressive strength of specimens made of high-melting compounds. L. L. Vereikina, V. N. Rudenko, G. V. Samsonov. Zav. lab. 26 no. 5:620-621 '60.

Improvement of the apparatus for determining the softening of ores and agglomerates. V. I. Korotich. 26 no. 5:628 '60.

Machine for programming tests for long-period strength. V. I. Kovpak. Zav. lab. 26 no. 7:867-869 '60.

Machine for testing friction pairs for wear under conditions of nonuniform loading. F. IA. Zagavura. Zav. lab. 26 no. 6:765-766 '60.

Machine for testing hard-alloy tools for repeated impact. M. M. Tenenbaum and others. Zav. lab. 26 no. 7:883-884 '60.

Machine for testing the simultaneous cyclic torsion and constant tension. P. A. Pavlov, A. A. Paromenskii, I. I. Lifshits. Zav. lab. 26 no. 6:762-764 '60.

New systems of ballistic impact machines for testing materials. S. A. Dovnar. Dokl. AN BSSR 4 no. 6:253-255 Je '60.

Use of the UIM-5 machine for testing long-period strength under changing cyclic loads. L. B. Getsov, B. F. Plasunkov. Zav. lab. 26 no. 7:869-871 '60.

TESTS, MEDICAL see Medical tests

TETANUS

Some peculiarities of functional changes in the central nervous system in experimental tetanus and the mechanisms of action of tetanus toxin. Report no. 3: Central and peripheral action of tetanus toxin [with summary in English]. G. N. Kryzhanovskii. Biul. eksp. biol. i med. 49 no. 1:42-48 Ja '60.

TETANY

Gastric tetany as a result of arteriomesenteric obstruction. I. B. Gordon. Vrach. delo no. 6:635-637 Je '60.

TETRACYCLINE

Influence of tetracycline hydrochloride on the peripheral blood picture in guinea pigs in experimental gas gangrene produced by B. perfringens [with summary in English]. IU. D. Chirkin. Antibiotiki 5 no. 1:102-107 Ja-F '60.

TETRAHEDRA

One property of two-fold homologous tetrahedrons. A. P. Kazionova. Izv. vys. ucheb. zav.; mat. no. 2:108-109 '60.

(see also subdivision under Kurama Range)

Epitaxic growing of galenite and tetrahedrite. I. Mincheva-Stefanova. Zap. Vses. min. ob-va 89 no. 2:213-219 '60.

TETRAZOLE

Thiazolotetrazoles and triazenes synthesized from them. V. IA. Pochinok, S. D. Zaitseva. Ukr. khim. zhur. 26 no. 3:351-355 '60.

TETRI-TSKARO DISTRICT—BRECCIA

Petrography of Paleocene volcanic formations in Tetri-TSkaro District. G. A. Mikadze. Soob. AN Gruz. SSR 24 no. 3:303-309 Mr '60.

TETRYL

Kinetics of the thermal decomposition of dinitroxydiethylnitramine. F. I. Dubovitskii and others. Izv. AN SSSR. Otd. khim. nauk no. 6:1126-1128 Je '60.

Thermal explosion of dinitroxydiethylnitramine under conditions of pure convective heat transfer. F. I. Dubovitskii, V. V. Barzykin, A. G. Merzhanov. Izv. AN SSSR. Otd. khim. nauk no. 6:1124-1126 Je '60.

TETYUKHE REGION (MARITIME TERRITORY)—GEOLOGY, STRATIGRAPHIC

Absolute chronology of Mesozoic and Cenozoic volcanic and intrusive formations in the Olga-Tetyukhe area. E. V. Bykovskaia, N. I. Polevaia, N. S. Podgornaia. Sov. geol. 3 no. 5:107-114 My '60.

TETYUKHE VALLEY—GEOLOGY, ECONOMIC

Geology and mineralogy of the Pervyy Sovetskiy Rudnik deposit (Tetyukhe Valley). I. N. Khetchikov. Trudy DVFAN SSSR Ser. geol. 4:53-167 '60.

TEXTILE CHEMISTRY—CONGRESSES

Sixth Congress of the International Federation of Societies of Textile Chemists and Dyers. N. I. Abramova. Khim. prom. 2:175-176 Mr '60.

TEXTILE FABRICS

For advanced standards in the quality and grading of clothing and fabrics. D. A. Kobylianskii, A. B. Sintakov. Shvein. prom. no. 3:13-17 My-Je '60.

Improving the wearing characteristics of consumers' fabrics. Tekst. prom. 20 no. 7:45-48 Jl '60.

Manufacture of cotton-rayon mixture fabrics. Z. I. Lazurova, L. G. Ivanova. Tekst. prom. 20 no. 7:29-32 Jl '60.

TEXTILE FABRICS—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Haberdashery; net material] Galantereinye izdeliia, tiul'. Izd. ofitsial'noe. Moskva, 1959. 30 p. (Gosudarstvennye standarty SSSR)

TEXTILE FACTORIES

(see also subdivision under Barnaul; Moscow Province; Shchelkovo)

Selecting the most efficient column system for multistoried cotton mills. D. A. Egorov. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:154-157 '60.

TEXTILE FACTORIES—AIR CONDITIONING

Air conditioning in the textile industry. M. M. Ratmanov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 3:144-153 '60.

TEXTILE FIBERS—ELECTRIC PROPERTIES

Effect of finishes on the electric conductivity of staple fibers. K. S. Tugeev. Tekst. prom. 20 no. 6:43-44 Je '60.

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Balakovo; Canada; Leningrad Economic region; United States)

Balance sheet of the synthetic fibers industry operations in 1958-1959. Khim. volok. no. 3:1-2 '60.

Fulfillment of self-imposed socialist obligations. Khim. volok. no. 3:73-74 '60.

Improvement of the physical and mechanical properties of polyamide and polyester fibers (from "Text. Res. J." no. 10, 1959). Khim. volok. no. 3:71 '60.

Investigating polyacrylonitrile fibers obtained with various degrees of draft. N. B. IAnovskaia, K. K. Potapova. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 3:24-29 '60.

Iodine reaction of polyvinyl alcohol solutions, and fibers and films based on it. L. A. Vol'f, A. I. Meos. Khim. volok. no. 3:21-22 '60.

Knit fabrics with casein fiber content. M. M. Minantkova. Tekst. prom. 20 no. 6:57-58 Je '60.

Pneumatic-tube transportation in the synthetic fibers industry. V. Manduk. Khim. volok. no. 3:46-50 '60.

Polynose fiber. Khim. volok. no. 3:70 '60.

Possibility of raising the heat stability of polyolefin fibers under the influence of ionizing radiation. S. A. Nechaeva, IU. M. Malinskii, Z. A. Rogovin. Khim. volok. no. 3:7-9 '60.

Preliminary data on the world production of synthetic fibers in 1959. G. E. Birger. Khim. volok. no. 3:58-60 '60.

TEXTILE FIBERS, SYNTHETIC (Continued)

R. Robson's book "The man-made fibres industry" reviewed by G.P. Birger. G.A. Kirmanova. Khim volok no.3 70-70 '60

Recommendations have been developed and what then? N. Agapova, Z. Lobazova, A. Popov. NTO 2 no.7 51-52 Jl '60

Using cotton machinery for processing low-count rayon fibers mixed with cotton. G.A. Terent'ev. Izv.vys.ucheb.zav., tekh.tekst.prom. no.3:77-85 '60

Utilization of chitin in the manufacture of artificial fiber. Pao Ch'ih-ming. Khim volok no.3 30-31 '60

World production of synthetic fibers. I.V. Zernov. Izv.vys.ucheb.zav., tekh.tekst.prom. no.3:3-8 '60.

TEXTILE FINISHING

Effect of finishes on the electric conductivity of staple fibers. K.S. Tugeev. Tekst.prom. 20 no.6:44-14 Je '60.

Practices in improving the finish and dressing of fabric selections. A.I. Bat'kov. Tekst.prom. 20 no.7 65-67 Jl '60.

TEXTILE INDUSTRY

(see also subdivision under Azerbaijan, Czechoslovakia, Latvia; Moscow, Moscow Province; Tashkent, Vladimir Province)

Consultation. G.S. Gromadskii and others. Tekst.prom. 20 no.6:03-05 Je '60.

Demonstration of the new developments in textile techniques on the screen. V.T. Ivanov. Tekst.prom. 20 no.6:47-50 Je '60.

"Economics of the textile industry" by I.G. Ioffe, L.A. Matzlin. Tekst.prom. 20 no.7:82 86 Jl '60.

In preparation for the plenum of the Central Committee of the CPSU. Tekst.prom. 20 no.7:1 3 Jl '60.

Make efficient use of electric power and save ferrous and nonferrous metals. Tekst.prom. 30 no.6 1-3 Je '60.

Mechanization of the conveying of the sliver and top. I.P. Volkov, A.S. Udalov. Tekst.prom. 20 no.6:50-57 Je '60.

On the threshold of 1965. A.P. Chumikova. Tekst.prom. 20 no.6:45-47 Je '60.

Organization of the textile trade can be improved. I. Turchin. Sov.torg. 33 no.6:01 Je '60.

Using electric power efficiently. A. Simelov. Tekst. prom. 20 no.7:62-64 Jl '60.

Using the principle of material self-interest as a means of reducing yarn breakage. M.N. Bellinin. Tekst.prom. 20 no.7:73-75 Jl '60.

Weltzin, W., and H. Hauschild. [Silicones and their use in finishing textile products. Translated from the German by A.A. Rogovina] O silikonakh i ikh primenenii v otdelke tekstil'nykh izdelii. Pod red. B.M. Bogoslovskogo. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po legkoi promyshl., 1960. 80 p.

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—STUDY AND TEACHING

Correspondence courses on automatization and mechanization of production operations. Tekst.prom. 20 no.6:87 Je '60.

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Automation and mechanization at a spinning and weaving factory. N.N. Pavlov, V.N. Khal'fin. Mekh.i avtom. proizv. 14 no.6:12-16 Je '60.

Growing activities of efficiency promoters. Tekst.prom. 20 no.7:87-88 Jl '60.

TEXTILE MACHINERY

(see also subdivision under Great Britain, Japan)

Braiding spindle with a double movement of the thread. B.S. Peskov. Tekst.prom. 20 no.6:36-38 Je '60.

Conversion of sizing machines to gas. V.M. Korolev, R.V. Shingarev. Izv.vys.ucheb.zav., tekh.tekst.prom. no.3:86-91 '60.

Independent designers' bureau. A.P. Katerinchuk. Tekst.prom. 20 no.6:90 Je '60.

New programmed regulator. G.S. Iuberman. Tekst. prom. 20 no.6:16-20 Je '60.

On the method of determining the over-all efficiency of new machinery. IU. Nurenkov. Nauch.dokl.vys. shkoly;ekon.nauki no.2:35-44 '60.

Results of the investigating of the comb mechanism with drop combs. K.F. Kravchenko. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.3:137-143 '60.

TEXTILE PRINTING

Discharge printing of white and color patterns on fabrics dyed with fast turquoise dyes. V.E. Rostovtsev. Tekst. prom. 30 no.6:38-40 Je '60.

Printing on top wool. A.I. Matetskii, V.B. Potripaka. Izv.vys.ucheb.zav., tekh.tekst.prom. no.3:116-121 '60.

TEXTILE RESEARCH

Adopting new techniques and technology. Tekst.prom. 20 no.7:80 Jl '60.

Radioactive isotopes to be used in the textile industry. Tekst.prom. 20 no.7:86-87 Jl '60.

TEXTILE SCHOOLS

Correspondence courses for workers in the textile and haberdashery industry. Tekst.prom. 20 no.7:88 Jl '60.

TEXTILE WORKERS

(see also subdivision under Kharkov)

Heroes of socialist labor rank first in production. S.IA. Shvartsman, G.A. Tarashkina, N.M. Samokhina. Tekst. prom. 20 no.7:55 59 Jl '60.

The social composition of workers in the linen factories employing serf labor during the 1750's and 1760's. Ch.G. Volodarskaia. Nauch.dokl.vys.shkoly;ist.nauki no.2 116-130 '60

TEXTILE WORKERS—EDUCATION AND TRAINING

To those who begin their life of work. Serafima Kolova. Mol.komm. no.7 11-19 Jl '60

TEXTILE WORKERS—LABOR PRODUCTIVITY

Striving for 200 kilo-counts per man per hour. L.G. Barabanov. Tekst.prom. 20 no.7:59 62 Jl '60.

THACKERAY, WILLIAM MAKEPEACE, 1811-1863

A book on Thackeray ("Thackeray the satirist" by V. Ivasheva. Reviewed by N. Ugrumova). Vop.lit. 4 no.8:225 228 Ag '60.

THAILAND—MILITARY ASSISTANCE, AMERICAN

"Friendship," American style. IU. Fedorov. Sovr.Vost. no.7:43-44 Jl '60.

THAILAND—RICE

"Friendship," American style. IU. Fedorov. Sovr.Vost. no.7:43 44 Jl '60.

THALLIUM

Effect of sample composition on the vaporization rate of thallium on a carbon electrode. IU. Alekseevskii. Sbor. nauch.rab.stud.Nauch.stud.ob-va Kir.un. no.1:31-39 '60.

Ivanov, V.V., and others. [Thallium; its geochemistry, mineralogy, genetic types of its deposits, and its geochemical characteristics] Tallii, osnovnye cherty geokhimii i mineralogii, geneticheskie tipy mestorozhdenii i geokhimicheskie provintsii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 164 p.

THALLIUM—ANALYSIS

Determination of small amounts of thallium in single crystals of sodium iodide by thallium. A.M. Bulgakova, A.M. Volkova, G.S. Plotnikova. Trudy IRI A no.31 102 105 '59.

Studies in the analytical chemistry of thallium. Report No.4: Diantipyrylpropylmethane as a reagent for the quantitative determination of thallium [with summary in English]. A.I. Busev, V.G. Tiptsova. Zhur.anal.khim. 15 no.3:201 204 My Je '60.

THALLIUM BROMIDE

Fusibility diagram in a ternary system of potassium, thallium and lead bromides. S.D. Gromakov, I.I. Ribkov, A.G. Bergman. Zhur.neorg.khim. 5 no.5:1115 1118 My '60

THALLIUM CHLORIDE

Interaction between $NbCl_5$ and $TlCl_4$, and between $TaCl_5$ and $TlCl_4$. L.A. Nisel'son. Zhur.neorg.khim. 5 no.7:1634 Jl '60.

THAWING

Study of snow thawing by means of radioisotopes. IU.N. Apaskin. Izv.AN SSSR Ser.geog. no.4:117 121 Jl Ag '60

THEATER

(see also subdivision under Akmolinsk Province, Alma Ata; Armenia, Ashkhabad, Azerbaijan, Bashkiria; Bukovina; China; Czechoslovakia; Daghestan, Erivan, Genoa, Italy; Georgia, Gorkiy, Groznyy, Jassy, Rumania; Kazakhstan, Kiev, Kostroma; Krasnodar, Leningrad, London, Mexico, Minsk, Moscow, Paris, Peiping, Petropavlovsk, Riga, Rumania, Sofia; Stalinbad, Taganrog, Tula, United States, Ural'sk, Viljandi, White Russia)

The Art Council discusses new performances. Teatr 21 no.6:130 113 Je '60

Art diary. N. Pavlova, V. Ryzhkov, G. Karklin'. Ogonek 38 no.26 21 Je '60.

The Chekhov of this year. M. Stroeva. Teatr 21 no.8: 123-130 Ag '60.

Correspondence with readers. Teatr 21 no.6:190-191 Je '60

Correspondence with readers. Teatr 21 no.7:152 Jl '60

Fashionable art and genuine art. Vl. Prokof'ev. Teatr 21 no.8:53 71 Ag '60.

From the editors. Teatr 21 no.8:103-104 Ag '60.

A lesson in geography (on touring). IU. Smelkov. Teatr 21 no.6:147 Je '60

Life, the theater, and the audience. A. Solodovnikov. Teatr 21 no.6:32-46 Je '60

News from Astrakhan and other cities. Teatr 21 no.6: 137, 150-151, 156-157 Je '60

News for Komsomolsk-On-Amur and other cities. Teatr 21 no.7:156-165, 172 Jl '60.

On a conventional level. [illegible] Teatr 21 no.6: 106 109 Je '60

On style in conformity with the time. [illegible] Teatr 21 no.6 [illegible] Je '60

A position or a profession? [illegible] Teatr 21 no.7: 171 172 Jl '60

Repertoire of the theater for 1960 [illegible] Teatr 21 no.6 [illegible] Je '60

Soviet stage director [illegible] Teatr 21 no.8:106-108 Ag '60

The stage director, the actor, and the playwright. I. Vishen. Teatr 21 no.6 [illegible] Je '60

Time and style. A. [illegible] Teatr 21 no.6 [illegible] Je '60

THEATER—BIBLIOGRAPHY see Bibliography—Theater

THEATER—COMPETITIONS

Competitions of the creative workers of the theater. N. [illegible] Teatr 21 no.8 [illegible] Ag '60

THEATER—PERIODICALS

Theatrical Moscow and "Teatral'naia Moskva". [illegible] Teatr 21 no.7 [illegible] Jl '60

THEATER—PRODUCTION AND DIRECTION

An answer. [illegible] Teatr [illegible] Ag '60

From the role of stage director [illegible] Teatr 21 no.6 [illegible] Je '60

Get to work! [illegible] Teatr 21 [illegible] Jl '60

A letter from a theater director. [illegible] Teatr 21 no.7 86-88 Jl '60

National tradition and contemporary form. [illegible] Teatr 21 no.7 [illegible] Jl '60

Ten plus one null. [illegible] Teatr [illegible] Ag '60

The time dictates. [illegible] Teatr 21 [illegible] Jl '60.

Vital position of the stage director. [illegible] Teatr 21 [illegible] Jl '60

THEATER AUDIENCES see [illegible] Theater

THEATERS see subdivision under Estonia, Moscow

THEATERS—CONSTRUCTION

Architectural designs. [illegible] Teatr 21 no.7 150 157 Jl '60

THEODOLITES

[illegible]

THEORY OF GAMES see Games, Theory of

THEORY OF [illegible] see [illegible]

THERAPEUTICS

[illegible] Volga [illegible] Antsiferov [illegible] medgiz, 40 [illegible]

THERAPEUTICS—CONGRESSES

[Proceedings of the fourth [illegible]] [illegible] Vol.1 1958. (DNLM)

THERAPEUTICS, PHYSIOLOGICAL

(see also subdivision under [illegible])

Effectiveness of [illegible] '60

Physical [illegible] 4 no.1 20 30 [illegible]

THERMAL DIFFUSIVITY

New thermal diffusivity data [illegible] system. [illegible] Izv. vys.ucheb.zav., [illegible]

THERMAL STRESSES

Abramov, V.V. [New method of calculating thermal stresses] [illegible] Gor'kii, 1959. 52 p. (Gorky. Politekhnicheskii institut. Trudy, v.15, no.3)

Elastic plastic equilibrium [illegible] in the presence of a static [illegible] V.L. [illegible]

Formation of [illegible] stresses [illegible] metals. [illegible] no.6:[illegible] Je '60

Local failures of welded joints in austenite steam pipelines. K.V.Liubavskii, IU.M.Nikitin. Avtom.svar. 13 no.7:12-25 Jl '60.

Thermal method of straightening welded ship structures. N.V.Burmistrov. Sudostroenie 26 no.6 10-15 Je '60

THERMIONIC EMISSION

Study of the changes in thermoionic properties of rhenium coated tungsten cathode. M.I Smorodinova, E P Sytaia. Trudy SAGU no 148 9-22 '59.

Thermionic conversion of heat energy into electrical energy using thorium carbide N D. Morgulis, IU P Korchevoi Atom energ 9 no 1 49-51 Jl '60

THERMISTORS

Experimental use of semiconductor thermistors in time-delay circuits. M.A.Balashov. Trudy MAI no.112 121-124 '59.

Oscillatory circuit of a termistor [with summary in English]. A.G.Shashkov, A.S.Kasperovich. Inzh.-fiz. zhur. no.7:37-42 Jl '60.

Temperature control circuit using thermistors. G.K. Nechaev. Elektrichestvo no.6:85-86 Je '60.

THERMIT

Use of thermit for breaking oversize rock lumps. V.A Zhelvakov, S.M.Petukhov Shakht stroi. 4 no 7 25 Jl '60.

THERMOCHEMISTRY

Transfer of mass in vegetables during cooking. N.I. Kovalev. Sbor.nauch.rab.Len.inst.sov.torg. no.16: 84-93 '59.

THERMOCOUPLES

Controlling temperature in glass-melting furnaces. V.M. Obukhov. Stek.i ker. 17 no.7:41-42 Jl '60.

Determination of air temperature in pneumatic devices on metallurgical machines S.N Kozhevnikov, V.F.Peshat Izv vys ucheb zav.,chern.met. no 6 193-195 '60

Measurement of temperature at a point of the surface of an electric conductor. V.I.Svinoruk, L.F.Lependin. Zav.lab. 26 no.6:736-738 '60.

Some sources of error in the measurement of temperature by means of thermocouples. V.S Mikheev. Zav lab. 26 no.5 616 '60

THERMODYNAMICS

Causality principle and the second law of thermodynamics. IA.P.Terletskii. Dokl.AN SSSR 133 no.2:330 332 Jl '60.

Development of thermal power engineering in the U.S.S.R. and the problems of thermodynamics. M.P.Vukalovich, V.A.Kirillin. Teploenergetika 7 no.7:3-4 Jl '60.

History of chemical thermodynamics of Russia. A.IA. Kipnis. Vop.ist.est.i tekh. no.9:125-129 '60.

Lavrov, N.V., V.V.Korobov, and V.I. Filippova. [Thermodynamics of gasification reactions and of synthesis from gases] Termodinamika reaktsii gazifikatsii i sinteza iz gazov. Moskva, Izd-vo Akad.nauk SSSR, 1960. 97 p.

Mizderskii, IA.IU., and E.V.Rovinskii. [Theory of airplane engines] Teoriia aviatsionnykh dvigatelei. Moskva, Voen.izd-vo M-va obor.SSSR.

Pt.1. [Fundamentals of thermodynamics and gas dynamics] Osnovy termodinamiki i gazovoi dinamiki. 1960. 210 p.

Methods of measuring the coefficient of thermal activity of fluids [with summary in English]. L.P.Filippov. Inzh.-fiz.zhur. no.7:121-123 Jl '60.

Mikriukov, V.E. [Course of thermodynamics] Kurs termodinamiki. Izd.3. Moskva, Gos.uchebno-pedagog. izd-vo M-va prosv.RSFSR, 1960. 236 p.

Negative and limit temperatures [with summary in English]. IU.B.Rumer. Zhur.eksp.i teor.fiz. 38 no.6: 1899-1902 Je '60.

Physical nature of phase transitions of the second order. V.K.Semenchenko. Zhur.fiz.khim. 34 no.7:1049-1050 Jl '60.

Relation between the thermodynamic stability of a system and the kinetics of the processes taking place within it. V.K.Semenchenko. Zhur.fiz.khim. 34 no.6: 1384-1385 Je '60.

Thermodynamic functions of air at high temperatures [with summary in English]. E.V.Stupochenko and others. Zhur.fiz.khim. 34 no.6 1265-1274 Je '60.

Thermodynamic theory of critical phenomena in three-component systems. Part 5 [with summary in English]. A.V.Storonkin, A.I.Rusanov. Zhur.fiz.khim. 34 no.7:1407-1413 Jl '60.

THERMODYNAMICS—TABLES, CALCULATIONS, ETC.

Predvoditelev, A.S., and others. [Thermodynamic functions of the air for temperatures from 1,000 to 12,000°K and pressures from 0.001 to 1,000 atm.; graph of the functions] Termodinamicheskie funktsii vozdukha dlia temperatura ot 1000 do 12000°K i davlenii ot 0,001 do 1000 atm. grafiki funktsii. Moskva, Izd-vo Akad.nauk SSSR, 1960. 53 p.

THERMOELECTRICITY

Method of investigating the differential thermo-emf at high temperatures. Basic diagram. V.S.Kutsev and others. Zhur.neorg.khim. 5 no.4:891-893 Ap '60.

Effect of vanadium on the thermomagnetic properties of permendur T.V.Krasnopevtseva. Sbor.trud. TSNIICHM no.23:213-218 '60.

THERMOMETERS

Tables for instrumental corrections in the readings of reversing deep-sea thermometers. V.A.Shamont'ev. Probl.Arkt.i Antarkt. no.1:109-116 '59.

THERMOMETERS—TESTING

Checking the sensitivity of differential resistance thermometers in unbalanced bridge circuits I G Kachurin. Izm.tekh. no 7:38-39 Jl '60.

THERMOMETRY

Difference in the temperature coefficients of the resistance of some kinds of platinum in the range of 10.8 and 273.16° K. D.I.Sharevskaia and others. Izm tekh. no.7:34-37 Jl '60

THERMOSTAT

Semiconductor instrument for checking, signaling, and automatic regulation of temperature of liquid products. V.F.Evstratov, I.M.Makarevich, I.I.Simon. Priborostroenie no.7:25-26 Jl '60.

System for thermostatic control of a furnace up to 1,400° C. E.I.Banashek and others Prib i tekh eksp no 2:156-159 Mr-Ap '60.

THIADIAZOLE

Chemistry of 2, 1, 3-thiodiazole. Part II: Chlorination and bromination of 1',2'-naphtho-2,1,3-thiodiazole. V.G.Pesin, A.M.Khaletskii, L.A.Kaukhova. Zhur ob. khim. 30 no.7:2187-2192 Jl '60.

THIAMINE

Influence of vitamin B_1 on arterial pressure. V.S.Balaban, V.E.Nagornskaia. Vrach.delo no.7 31-33 Jl '60.

Method for studying phosphoric esters of thiamine. V.I. Koltunova. Trudy VNIVI 6 246-249 '59.

State of thiamine in soils [with summary in English]. A.G.Gelgard, R.F.Repitskii, E.I.Shteinberg. Izv AN SSSR.Ser.biol. no 3:401-408 My-Je '60.

Vitamin B_1 and pyruvic acid. F.S.Pekker. Trudy VNIVI 6.203-206 '59.

Vitamin B_1 and the level of blood sugar. F.S.Pekker. Trudy VNIVI 6.207-216 '59.

THIAZOLE

Antituberculous action of derivatives of benzthiazole. R.P.Vel'tman, S.G.Rykhlis, T.S.Ginzburg. Pat.,klin i terap.tub. no.8 89-91 '58.

Materials on a spectrophotometric method for the determination of the quality of 4 methyl-5-oxyethylthiazole. V.A.Deviatnin, G.A.Fedorova. Trudy VNIVI 6:285-297 '59.

Method for the synthesis of 4-methyl-5-β-oxyethylthiazole. I.M.Liuntanskii, E.S.Zhdanovich. Trudy VNIVI 6 28-30 '59.

Obtaining 4-methyl-5-β-oxyethylthiazole. I.A.Rubtsov, M.V.Baltakina, E.S.Zhdanovich. Trudy VNIVI 6:27-28 '59.

Synthesis and rearrangements in the thiazoline imine series. Part 3: Rearrangement of 2-imino-3-phenyl-4-thiazolines into 2-phenylaminothiazoles. K.M.Murav'eva, M.N.Shchukina. Zhur.obkhim. 30 no.7: 2340-2343 Jl '60.

THIAZOLIDINE

Synthesis and rearrangements in the thiazoline imine series. Part 4: Effect of acetylating agents on 2-acylimino-4-hydroxythiazolidines. K.M.Murav'eva, M.N. Shchukina. Zhur.ob.khim. 30 no.7:2344-2348 Jl '60.

THIAZOLINE

Synthesis and rearrangements in the thiazoline imine series. Part 3: Rearrangement of 2-imino-3-phenyl-4-thiazolines into 2-phenylaminothiazoles. K.M.Murav'eva, M.N.Shchukina. Zhur.ob.khim. 30 no.7: 2340-2343 Jl '60.

THICKNESS MEASUREMENT

Accelerated method of determining long-period strength, based on the measurement of thickness. I.N.Rokhlin. Zav.lab. 26 no.7:850-852 '60.

Continuous determination of the thickness of nickel-phosphorus coatings G.G.Zusmanovich. Zav.lab. 26 no 7:838 839 '60.

Determination of the thickness of zinc coatings by means of tagged atoms. I.A.Berman, S.A.Khaletskaia. Zav. lab. 26 no.7:826-827 '60.

Radiometric method of measuring the thickness of coatings. T.M.Khrenkova. Zav.lab 26 no 7:833-835 '60

THIOBACILLUS

Participation of Thiobacillus ferrooxidans in the oxidation of sulfide ores in pyrite deposits of the Central Urals [with summary in English] N.N.Lialikova Mikrobiologiia 29 no 3:382-387 My-Je '60.

THIOLS

Influence of thio compounds on the antitumor action of some ethyleneimines [with summary in English]. I.M. Petsakhovich, P.IA.Sologub, IA M.Telengator. Pat. fiziol i eksp terap 4 no.3 43-46 My-Je '60.

Effect of the concentration of thionine blue in a solution on its adsorption by growing lead nitrate crystals. E.N. Slavnova. Kristallografiia 5 no.1:89-97 Ja-F '60.

THIONYL CHLORIDE

Furan series. Part 6: β-Chloroethylamines of the furan series. K.IU.Novitskii and others. Zhur.ob.khim. 30 no.7:2199-2202 Jl '60.

THIOPHENE

(see also subdivision under United States)

Synthesis of some thiophene derivatives and study of their behavior as ingredients of rubber (accelerators and antioxidants). A.S.Kuz'minskii and others. Zhur. prikl.khim. 33 no.5:1182-1187 My '60.

THIOPHENEDICARBOXYLIC ACID

Derivatives of thiophene and tetrahydrothiophene (thiophane). Report No.1: Synthesis of some amino esters of 2,5-tetrahydrothiophenedicarboxylic acid. A.L. Mndzhoian and others. Izv.AN Arm.SSR Khim.nauki 13 no.1:63-67 '60.

THIOPHOSPHOROUS ACID

New method of synthesizing esters of phosphonic and thiophosphonic acids. Part 34: Addition of dialkylthiophosphorous acids and acid esters of ethyl- and phenylphosphonous acids to unsaturated hydrocarbons. A.N. Pudovik, I.V.Konovalova. Zhur.ob.khim. 30 no.7: 2348-2352 Jl '60.

THIOPHOSPHORYL CHLORIDE

Interaction between $NbCl_5$ and $PSCl_3$, and between $TaCl_5$ and $PSCl_3$. L.A.Nisel'son. Zhur.neorg.khim. 5 no.7 1634 Jl '60.

THIOSULFATES

Thiosulfate complexes of rhodium with ammonia. I.I. Chernlaev, A.G.Maiorova. Zhur neorg.khim. 5 no.6:1208-1220 Je '60.

THOMAS PROCESS see Bessemer Process

THOMSON EFFECT

Theory of Thomson effect in semiconductors. F.G. Serova. Izv.vys.ucheb.zav.,fiz. no.3:133-129 '60.

THORIUM—ANALYSIS

Photometric determination of small amounts of thorium with arsenazo [with summary in English]. V.I.Kuznetsov, I.V.Nikol'skaia. Zhur.anal.khim. 15 no.3: 299-305 My-Je '60.

Photometric determination of thorium in monazites with arsenazo II [with summary in English] V I Kuznetsov, S B Savvin. Zhur anal khim. 15 no.2:175-179 Mr-Ap '60

THORIUM—ISOTOPES

Methods for the determination of the absolute quantities of ionium ($_{90}Th^{230}$) [with summary in English] K B. Zaborenko, N V Filippova Zhur anal khim 15 no 2 203-206 Mr-Ap '60.

THORIUM CARBIDE

Preparation of thorium carbides. G.V.Samsonov, T.IA. Kosolapova, V.N Paderno. Zhur.prikl khim 33 no 7:1661-1664 Jl '60.

Thermionic conversion of heat energy into electrical energy using thorium carbide. N.D Morgulis, IU P. Korchevoi. Atom energ. 9 no 1:49-51 Jl '60

THORIUM COMPOUNDS

Extraction of thorium and zirconium in the form of inner-complex compounds. V.I.Kuznetsov, Fan Min-e. Zhur.neorg.khim. 5 no.6:1375-1382 Je '60.

Spectrophotometric investigation of the reaction of complex formation between thorium and o-(1,8-dihydroxy-3,6-disulfo-2-naphthylazo) benzenearsonic acid (arsenazo). A.E.Klygin, V.K.Pavlova. Zhur.neorg.khim. 5 no.7:1516-1521 Jl '60.

THORIUM NITRATE

Solubility of thorium pyrophosphate in acids and study of solid phase - solution equilibria in the systems ThP_2O_7 - $Na_4P_2O_7$ - H_2O and ThP_2O_7 - $Th(NO_3)_4$ - H_2O. F.M.Filinov and others. Zhur neorg khim. 5 no.5:1149-1156 My '60.

THORIUM PYROPHOSPHATE

Solubility of thorium pyrophosphate in acids and study of solid phase - solution equilibria in the systems ThP_2O_7 - $Na_4P_2O_7$ - H_2O and ThP_2O_7 - $Th(NO_3)_4$ - H_2O. F.M.Filinov and others. Zhur neorg khim. 5 no.5:1149-1156 My '60.

THOUGHT AND THINKING

Active role of the cognitive subject in the reflectional process. L.K.Naumenko. Izv.AN Kazakh.SSR.Ser. ekon., filos.i prava no.1:75-86 '60.

Disturbance of abstraction and of the naming of spatial attributes in the case of a syndrome of a lesion of the inferior parietal lobe of the dominant hemisphere. E.P.Kok. Dokl.APN no.2:121-124 '60.

The laws of thought. P.I.Nikitin. Vest.Mosk.un.Ser. ekon.,filos.,prava 11 no.2:60-64 '56.

THOUGHT AND THINKING (Continued)

Leninist theory of reflection and psychology [with summary in English]. A.A.Smirnov. Vop.psikhol. 6 no.2:10-34 Mr-Ap '60

Principle of "parallelism of form and content in thought" and its significance for traditional research in logic and psychology. Report No.1: Two plans for the study of linguistic deliberation. G.P.Shchedrovitskii, N.G. Alekseev. Dokl.APN no.2:75-80 '60.

Psychological mechanisms of the formation of mental actions. I.I.Neponmiashchaia. Vest.Mosk.un.Ser. ekon., filos., prava 11 no.2:99-108 '56.

Rachkov, P. A. [Thought and language] Myshlenie i iazyk. [Moskva] Izd-vo Mosk. univ., 1960. 38 p.

The role of reformulations in the solution of problems K A Slavskaia Dokl APN no 1 59-60 '60

Structural analysis of the thought process. Report No.1. V.V.Davydov. Dokl.APN no.2:81-84 '60.

Study of the material substratum of mental processes in the investigations of Soviet psychologists [with summary in English]. P.A.Shevarev. Vop.psikhol 6 no 2 35-46 Mr-Ap '60.

The ways of logical investigation of thought. V.S. Shvyrev. Dokl.APN no.2.69-74 '60.

THREAD

Production lines in thread manufacture. M.R.Zhitomirskii. Tekst.prom. 20 no.7:63-64 Jl '60.

THROAT—DISEASES

Ratner, V.A. [Acute faucitis] Ostrye vospaleniia zeva. Moskva, Medgiz, 1959. 219 p.
(DNLM)

THROMBOSIS

Clinical symptomatology and treatment of the beginning thrombosis of an anastomosis between a branch of the aorta and the pulmonary artery. N.M.Sadykhov. Azerb.med.zhur. no.5:3-10 My '60.

THRUSHES see subdivision under Malaya Almaatinka Valley

THULIUM—DECAY

Transition with an energy of 106 kev in the Tu^{187} nucleus. A.S.Basina, V.A.Morozov. Izv.AN SSSR Ser.fiz. 24 no.7 817 Jl '60.

THYROID GLAND

Influence of vitamin C on the accumulation of iodine by the thyroid gland. A.Sh.Byshevskii. Vrach.delo no.7:134-135 Jl '60.

"Iodine metabolism and thyroid hormones" by IA.Kh. Turakulov. Reviewed by M F. Merezhinskii. Uzb biol.zhur no.3:73-74 '60.

Role of adrenaline in the transmission of reflex influences to the thyroid gland [with summary in English] M G Amiragova. Biul.eksp.biol.i med. 49 no.1 21-25 Ja '60.

Site of the synthesis of protein-bound iodine in the thyroid gland [with summary in English]. V.I.Levenson. Biul. eksp.biol.i med. 49 no.1.62-66 Ja '60.

Thyroid gland function in leukemias [in Azerbaijani with Russian summary]. S.P.Mirzamamedova. Azerb med.zhur. no.5:10-14 My '60.

THYROID GLAND—TUMORS

Case of leukemic lymphadenosis with a tumor-like aggressive growth of the thyroid gland in a five-year old child. V.A.Smirnov. Zdrav.Kazakh. 18 no.1:70-73 '58.

TIBET—GEOGRAPHY

Nature of eastern Tibet. S.V.Zonn. Vest.AN SSSR 30 no.7:67-71 Jl '60.

TICKET OF LEAVE see Parole

TICKS
(see also subdivision under Kizil-Iurt District; Mongolia; Sakhalin; Transbaikalia)

Comparative data on the biology of some species of ticks of the genus Ornithodorus. A.N.Pavlovskii, A.N.Skrynnik. Dokl.AN SSSR 133 no.3 734-736 Jl '60.

Development of the preimaginal phases of Ixodes ricinus L. and Dermacentor pictus Nerm. I.T.Arzamasov. Biul.Inst.biol.AN BSSR no.3 254-258 '58.

TICKS AS CARRIERS OF DISEASE
(see also subdivision under Chita Province; Kazakhstan; Ukraine)

Anthropurgic formation of natural disease foci. A.N. Pavlovskii. Trudy Inst.zool.AN Kazakh.SSR 12:8-10 '60.

Biological foundations of epidemiological prognosis of tick-borne encephalitis [with summary in English]. S.A.Shilova. Biul.MOIP.Otd.biol. 65 no.1:37-47 Ja-F '60.

Changes in the blood and urine of animals infected with tick-borne paralysis. V.N.Kusov, Z.K.Pospelova, V.M.Peteshev. Trudy Inst.zool.AN Kazakh.SSR 12: 226-235 '60.

Discovery of the tick Haemaphysalis concinna Koch. naturally infected with tularemia microbes. N.G. Olsuf'ev, V.G.Petrov. Trudy Inst.zool.AN Kazakh. SSR 12:54-56 '60.

Epidemiology of tick-borne encephalitis in East Kazakhstan Province. S.I.Rybalko, E F.Petrova, E.T.Prikhod'ko. Trudy Inst.zool.AN Kazakh.SSR 12 43-53 '60.

Establishing types of foci of tick-borne encephalitis. P.A.Petrishcheva. Trudy Inst.zool.AN Kazakh.SSR 12:15-22 '60.

Prerequisites of the division of the West Siberian Lowland into epidemiological landscape regions with regard to tick-borne encephalitis. G.I.Netskii, O.V.Ravdonikas. Trudy Inst.zool.AN Kazakh.SSR 12 30-42 '60.

Types of foci of tick-borne encephalitis in Western Siberia and their elimination. S.P.Karpov, V.M. Popov, A.G.Kolmakova. Trudy Inst.zool.AN Kazakh. SSR 12 23-29 '60

TIDAL POWER see subdivision under China

TIDES

Tides. A.A.Mikhailov. Nauka i zhizn' 27 no.6:77 Je '60.

TIEN SHAN—MARMOTS—DISEASES AND PESTS

Characteristics of the strains of the causative agent of plague isolated from marmots in the Tien Shan. E.P. Makarova, N.I.Makarov. Izv Irk gos nauch.-issl protivochum.inst. 15:109-112 '57

Culturability of the plague microbe from the organs of Tien Shan marmots. E.P.Makarova, N.I.Makarov. Izv.Irk.gos.nauch-issl protivochum inst. 15·103-107 '57.

TIEN SHAN—PALEOBOTANY, STRATIGRAPHIC

Discovery of fossil Quaternary flora in the Tien Shan. V.S.Kornilova. Vest.AN Kazakh.SSR 16 no.5·89-90 My '60.

TIEN SHAN—PARTRIDGES

Materials on the reproduction, feeding, and molting of the snow cock (Tetraogallus himalayensis) M.A.Kuz'mina Trudy Inst zool AN Kazakh SSR 13 133-141 '60

TIEN SHAN—PASTURE RESEARCH

Studying the age composition of plant populations in grass-wormwood pastures and conserving their productivity N.V Trulevich Vop geog no 48 205-222 '60.

TIEN SHAN—PHYSICAL GEOGRAPHY

Hollow hill. A.P.Gorbunov. Priroda 49 no.7·111 Jl '60.

TIEN SHAN—REDSTART

Biology of the redstart Phenicurus erythronotus Eversm. in the central Tien Shan [with summary in English]. L.S.Stepanian. Zool.zhur. 39 no.6 940-942 Je '60.

TIEN SHAN—SOIL MICRO-ORGANISMS

Comparative microbiological characteristics of some soil types in the central Tien Shan. E.G.Vukhrer. Izv.AN Kir.SSR.Ser.biol.nauk 2 no.2 111-128 '60.

TIFLIS—AMATEUR ART ACTIVITIES

In the Tiflis school for community center employees. V.M.Gurgenidze. Sred.spets.obr. 7 no.6·38-40 Je '60

TIFLIS—COAL MINES AND MINING—SAFETY MEASURES

With the assistance of public cooperation. G.Bagdasarov. Mast.ugl. 9 no.7:23 Jl '60.

TIFLIS—COKE INDUSTRY—BY-PRODUCTS

Experience in operating benzene scrubbers with spiral metallic packing on solar oil. I.E.Ginzburg, K.L. Kirla, V.D.Parshin. Koks i khim. no.5·44-46 '60.

TIFLIS—PLASTERING

Dmitrii Chernysh and his brigade. M.A.Musin. Transp. stroi. 10 no.5:8 My '60.

TIFLIS—PLASTICS INDUSTRY

Kuprava, N.M. [Tiflis plastics manufacturing plant. Tbilisskii zavod "plastmass." Tbilisi, Gos.izd-vo "Sabchota Sakartvelo,"] 1959. 66 p. [In Georgian.]

TIGERS see subdivision under Vietnam, South

TIGIL' DISTRICT (KAMCHATKA)—GEOLOGY, STRATIGRAPHIC

Biostratigraphy of Tertiary sediments on western Kamchatka [with summary in English]. L.V.Krishtofovich, A.P.Il'ina. Biul.MOIP.Otd.geol. 35 no.1:98-110 Ja-F '60.

TIKHONOV, NIKOLAI SEMENOVICH, 1896-

Poet and citizen. V.Shoshin. Neva no.6:186-191 '60.

"Verse on China" by Nikolai Tikhonov Reviewed by A. Amsterdam. Zvezda no 5 211-212 My '60.

TIKHONOV, PETR TIKHONOVICH, 1897-1960

Petr Tikhonovich Tikhonov; obituary. Poligr.proizv. no.5·32 My '60.

TILES

Conveying turntable for sorting tiles. M.P.Spektor. Stek.i ker. 17 no.7·44-46 Jl '60.

TILES, ROOFING
(see also subdivision under Kamanets-Podolskiy, Nikolayev Province; Selidovka)

Investigating technological parameters and sands used in producing cement-sand roofing tiles. K.S.Kutataladze, K B.Tandilova. Stroi mat. 6 no.7:33-35 Jl '60.

Shop for producing sand-cement roofing tiles H.Sereda Sil' bud 10 no 5 5-6 My '60.

Simplest design of a steam-producing unit. IA.Kamenuka Sil'.bud. 10 no 5·22 My '60.

TILLAGE

Organizing senior students' work in mechanized inter-row tilling. N.L.Roshchin. Shkola i proizv. 4 no.6·54-58 Je '60.

TIMAN RIDGE—GEOLOGY, STRUCTURAL

Origin of the Timan Ridge. P.E.Offman. Biul.MOIP.Otd. geol. 35 no.1.116-119 Ja-F '60.

TIMBER—STANDARDS

New state standards for timbers. A.A.Romanov. Put' i put.khoz. 4 no.4.37-38 Ap '60.

TIME PERCEPTION

Differentiation of the duration of a conditioned stimulus. G.I.Shirkova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4:63-72 '60.

Influence of the strength of a conditioned sound stimulus on the conditioned reaction to time in man. M.A.Alekseev. Trudy Inst.vys.nerv deiat.Ser.fiziol. 4:21-28 '60.

Time as a component of the conditioned stimulus. G.I. Shirkova. Trudy Inst.vys.nerv.deiat.Ser.fiziol. 4 47-62 '60.

TIME STUDY

On the analysis of the utilization of working time. P.Derezin and others. Bukhg.uchet 17 no.6·33-39 Je '60.

Raikher, M.S., and I.N.Kaminskii. [Work-time study in mines] Issledovanie rabochego vremeni na shakhtakh. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 226 p.

TIMIRIAZEV, KLIMENT ARKAD'EVICH, 1843-1920

Chailakhian, M.Kh. [K.A.Timiriazev, scientist, fighter, and thinker] K.A.Timiriazev - uchenyi, borets, myslitel'. Moskva, Izd-vo "Znanie," 1960. 29 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser.8, Biologiia i meditsina, no.11)

Photography and the feeling of the nature K.Timiriazev. Sov foto 20 no 6 40-41 Je '60

TIN

Anisotropy of surface tension on the boundary between the superconducting and normal phases in tin [with summary in English] IU V.Sharvin, V.F.Gantmakher Zhur eksp.i teor fiz 38 no.5 1456-1170 My '60

Contact differences of potential between Sn and Sn-Te alloys, and electrocapillary phenomena on Sn-Te alloys [with summary in English]. V.A.Kuznetsov and others. Zhur.fiz.khim. 34 no.6·1345-1350 Je '60.

New isomer Sn113m I.P Selinov, V.L. Chikhladze Zhur eksp.i teor fiz 38 no 3 1012 Mr '60.

Properties of metallic solutions. Part 6: Effect of adding indium and germanium on the surface tension and microstructure of tin [with summary in English]. Pokrovskii, D.S.Tissen. Zhur.fiz.khim. 34 no. 1238-1242 Je '60.

TIN—ISOTOPES

Effect of a magnetic field on the resonance absorption of γ-rays. V.A.Liubimov, A.I.Alikhanov. Zhur.eksp. i teor.fiz. 38 no.6:1912-1014 Je '60.

TIN COMPOUNDS

Diantipyrylmethane - chloride complexes of tin. M.M. Tananaiko. Ukr.khim.zhur. 26 no.3·373-376 '60.

TIN ORES see subdivision under Khingan Mountains, Russia, Northern

TIN PLATE

Anodic passivation of tin plate in sodium hydroxide solutions [with summary in English]. A.I.Levin, M.E. Prostakov, V.P.Kochergin. Zhur.fiz.khim. 34 no.5: 1117-1120 My '60.

TIN SULFIDE

Temperature dependence of the vapor pressure of tin sulfide. D.N.Klushin, V.IA.Chernykh. Zhur.neorg. khim. 5 no.7·1409-1412 Jl '60.

TIN-TELLURIUM ALLOYS

Contact differences of potential between Sn and Sn-Te alloys, and electrocapillary phenomena on Sn-Te alloys [with summary in English]. V.A.Kuznetsov and others. Zhur.fiz.khim. 34 no.6:1345-1350 Je '60.

TINAKI, LAKE—SERRATIA

Cause of the reddening of water in some salt lakes [with summary in English] B.I Kurochkin Mikrobiologiia 29 no.3 422-427 My-Je '60

TINNING

Semiautomatic unit for hot tinning of spring set ends. V.I.Volkov. Priborostroenie no.7:19-21 Jl '60.

United States)

Effect of the quality of cord on the behavior of tire (from "Man-made Textiles," no. 424, 1959). Kauch.i rez. 19 no.7:64 Jl '60.

Prospects for new types of tire cord (from "Chem. Eng. News," no. 13, 1959). Kauch.i rez. 19 no.7:61 Jl '60

TIRES, RUBBER
(see also subdivision under Baku)

Effect of the quality of cord on the behavior of tire (from "Man-made Textiles," no. 424, 1959). Kauch.i rez. 19 no.7:61 Jl '60.

Machine for cutting pressed out rubber on bicycle tire casings. V.I.Feiman. Kauch.i rez. 19 no.7:48-49 Jl '60.

Mechanizing tire repair. F.K.Miller. Obm.tekh.opyt. po avt.transp. no.3:33-40 '60

Tires with a meridional pattern of cord threads in the carcass. V.I.Biderman. Kauch.i rez. 19 no.7:10-12 Jl '60.

TIRES, RUBBER—TESTING
Ultrasonic flaw detection in tire casings. L.P.Malkina, A.P.Pukhov, V.A.Ivanov. Kauch.i rez. 19 no.7:12-20 Jl '60.

TISSUE CULTURE
Plant grown in a laboratory test tube. G.Dudova. Znan. sila 35 no.7:15 Jl '60.

Rhythmical variation of oxygen tension in live tissues. A.D.Snezhko. Dokl AN SSSR 131 no.4:984-987 Ap '60

Some morphophysiological characteristics of embryos preserved under unfavorable conditions [with summary in English]. [illegible] Fiziol.zhur. [Ukr.] 6 no.3:100-300 My-Je '60

TISSUE EXTRACTS
Comparative study of antigenic properties of cardiac tissues in different animals and man [with summary in English]. R.P.Averkina. Zhur.ob.biol. 21 no.3:206-212 My-Je '60

Compound treatment of experimental tuberculosis with antibacterial drugs (streptomycin and p-aminosalicylic acid) and with a stimulator ([illegible]). G.D.Popov. Pat.,klin.i terap.tub. no.8:240-250 '59

Increase in the viability and activity of bull semen due to the effect of biogenic stimulators [with summary in English]. A.P.Volosevich. Zhur.ob.biol. 21 no.4:305-307 Jl-Ag '60.

Influence of a tourniquet on the toxicity of muscle extracts. V.M.Kushko, V.M.Shepelev. Uch.zap. 2-go MGMI 17:67-69 '60.

Influence of tissue therapy in the complex treatment of pulmonary tuberculosis on the various functions of the body. M.A.Bronnikin. Pat.,klin.i terap.tub. no.8: 161-168 '59

Role of some nonspecific substances in raising the quality of antiplague serums. P.D.Sikorko, L.I.Khundanov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 19:149-155 '58.

Variations in the assimilation of cardiac hydrolysates and extracts by different organs and the effect of the preparations on protein synthesis in normal rats and rats with cardiac injuries. L.V.Polezhaev, V.I.Mant'eva. Dokl. AN SSSR 133 no.2:463-466 Jl '60.

TISSUE METABOLISM
Studies on the regulation of protein metabolism in gastric tissues by the use of labeled methionine (S^{35}). R.I.Safarov. Izv. AN Azerb.SSR.Ser.biol.i med.nauk no.3: 125-130 '60.

TISSUES
Lalmantsova, L.V. [Method for the study of the accommodation of irritable tissues] Metodika issledovaniia akkomodatsii vozbudimykh tkanei. [Leningrad] Medgiz, 1959. 81 p.

TITANIUM
(see also subdivision under Krasnoyarsk Territory)

Cutting titanium by friction sawing. M.S.Karpyshev. Tsvet.met. 33 no.7:88-89 Jl '60.

Effect of grain size on the mechanical properties and notch sensitivity of commercially pure titanium. V.I.Chernetsov. Metalloved.i term.obr.met. no.6:40-43 Je '60.

Electronic paramagnetic resonance of the Ti^{3+} ion in corundum. I.S.Kornienko, A.M.Prokhorov. Zhur.eksp.i teor.fiz. 38 no.5:1651-1652 My '60

Equilibrium states in Ti-H and Zr-H systems at low pressures [with summary in English]. V.V.Sof'ina, N.G.Pavlovskaia. Zhur.fiz.khim. 34 no.5:1104-1109 My '60.

Interaction of titanium with nitrogen and carbon in liquid steel. IU.G.Gurevich. Izv.vys.ucheb.zav.; chern.met. no.4:59-67 '60.

Manufacture of chemical equipment from titanium. G.I.Shvarts, A.N.Chistiakova, I.S.Makarova. Khim. mash. no.4:8-10 Jl-Ag '60.

Moroz, L.S., and others. [Titanium and its alloys] Titan i ego splavy. Pod red. L.S.Moroza. Leningrad Gos. soiuznoe izd-vo sudostroit. promyshl.
Vol.1. [Commercially pure titanium] Tekhnicheskii chistyi titan. 1960. 515 p.

A.G.Samartsev. Zhur.prikl.khim. 33 no.5:1141-1146 My '60.

Products of the reaction between metallic titanium and titanium tetrachloride. L.V.Biriukova, IU.G.Saksonov. Zhur. neorg.khim. 5 no.5:993-998 My '60

Rolling titanium powder into a thin strip using the method of the Gorky Polytechnical Institute. G.I.Aksenov and others. Titan i ego splavy no.3:152-158 '60.

Titanium and its alloys as structural materials. I.IA.Klimov, V.V.Andreeva. Khim.mash. no.4:5-8 Jl-Ag '60

Use of titanium in metalworking plants. A.S.Kamyshkov. Titan i ego splavy no.3:159-162 '60.

TITANIUM—ANALYSIS
Determination of zirconium from the reaction with pyrocatechol violet in titanium and its alloys. IU.A.Chernikhov, B.M.Dobkina, E.I.Petrova. Zav.lab. 26 no.5: 629-631 '60.

Sensitive and selective photometric method of determining titanium with disulfophenylfluorone [with summary in English]. V.A.Nazarenko, E.A.Biriuk. Zhur. anal.khim. 15 no.3:306-310 My-Je '60.

Separation of titanium from tungsten by ion exchange chromatography [with summary in English]. D.I.Riabchikov, V.E.Bukhtiarov. Zhur. anal.khim. 15 no.2:242 Mr-Ap '60

Use of sodium tungstate in the titrimetric determination of iron and titanium [with summary in English]. L.I.Veselago. Zhur.anal.khim. 15 no.3:321-324 My-Je '60.

TITANIUM—FATIGUE
Cyclic strength of titanium and its weld joints. M.A.Lipinaeva. Titan i ego splavy no.3:113-123 '60.

TITANIUM—HYDROGEN CONTENT
Effect of hydrogen on the mechanical properties of titanium and its alloys in various conditions of stretching. B.A.Livanov, A.A.Bukhanova, B.A.Kolachev. Trudy MATI no.43:100-105 '60.

TITANIUM—ISOTOPES
Spins and parity levels of Ti 47-50 and Si^{60}. N.I.Zaika, O.F.Nemets. Izv.AN SSSR Ser.fiz. 24 no.7:865-868 Jl '60.

TITANIUM—METALLOGRAPHY
Transformations during the electric heating of commercial titanium in titanium-iron alloys. V.N.Gridnev. Titan i ego splavy no.3:61-65 '60.

TITANIUM—OXYGEN CONTENT
Gas diffusion into titanium during its heating in the open air and the effect of diffusing gases on the mechanical and technological properties of sheet titanium. V.N.Moiseev. Titan i ego splavy no.3:17-23 '60

TITANIUM—PERMEABILITY
Interaction of titanium sponge with moist atmospheres and air. V.A.Livanov, A.A.Bukhanova, B.A.Kolachev. Trudy MATI no.43:91-99 '60.

TITANIUM—WELDING
Argon shielded arc welding of titanium parts. D.A.Polinkov. Titan i ego splavy no.3:147-151 '60.

Cyclic strength of titanium and its weld joints. M.A.Lipinaeva. Titan i ego splavy no.3:113-123 '60.

Metallurgical processes in titanium welding. S.M.Gurevich. Titan i ego splavy no.3:124-134 '60.

Weldability of VT1 titanium and the VT5 titanium alloy. M.Kh.Shorshorov, G.V.Nazarov. Titan i ego splavy no.3:135-140 '60.

TITANIUM ALLOYS
Developing and testing titanium-base ceramic metal alloys. N.N.Timoshenko, E.V.Petunina. Titan i ego splavy no.3:99-106 '60.

Heat treatment and the mechanical properties of Cr 5-14 % Al titanium alloys. V.N.Moiseev. Metalloved. i term.obr.met. no.6:30-40 Je '60.

Improvement of the spectral method for determining hydrogen in titanium alloys. N.G.Isaev. Zav.lab. 26 no.5:577 '60.

Mastering by metallurgical plants of the technology of shape rolling of titanium alloy rods. L.N.Morozov and others. TSvet.met. 33 no.5:57-61 My '60.

Nitriding titanium alloys in pure nitrogen. E.N.Novikova. Titan i ego splavy no.3:35-40 '60.

Titanium and its alloys as structural materials. I.IA.Klimov, V.V.Andreeva. Khim.mash. no.4:5-8 Jl-Ag '60.

Titanium-base alloys for the manufacture of sheet. S.G.Glazunov, E.A.Borisova. Titan i ego splavy no.3:90-93 '60.

TITANIUM ALLOYS—HEAT TREATMENT
Effect of heat treatment on the structure and properties of titanium alloys. B.A.Borok, I.S.Golubeva, R.P.Shchegoleva. Titan i ego splavy no.3:10-16 '60.

Investigating the effect of heat treatment on the mechanical properties of titanium alloys. O.P.Danilova, I.P.Druzhinina, M.V.Mal'tsev. Titan i ego splavy no.3:52-57 '60.

TITANIUM ALLOYS—METALLOGRAPHY
Effect of polymorphic transformations on diffusion in titanium S.Z.Bokshtein, S.T.Kishkin, V.B.Osvenskii. Metalloved.i term.obr.met. no.6:21-26 Je '60

Highly resistant, titanium-base, beta alloy. E.V.Petunina. Metalloved.i term.obr.met. no.6:27-30 Je '60.

Phase analysis of complex titanium alloys. N.I.Blok, A.I.Glazova, N.F.Lashko. Titan i ego splavy no.3: 107-112 '60.

Some regularities of component distribution in zonal smelting, arc smelting with consumable electrodes and continuous casting. B.A.Kolachev, R.M.Gabidullin, V.V.Konokotin. Trudy MATI no.43:106-117 '60.

TITANIUM ALLOYS—TESTING
High strength titanium alloys for the manufacture of sheet. E.A.Borisova, S.G.Glazunov, G.N.Tarasenko. Titan i ego splavy no.3:94-98 '60.

Investigating titanium-base alloys for work at above 400° temperatures. V.N.Neugodova. Titan i ego splavy no.3:74-79 '60.

Regular pattern of changes of the mechanical and technological properties of titanium base ternary alloys (with aluminum, chromium, manganese, molybdenum, and iron). L.P.Luzhnikov, V.M.Novikova. Titan i ego splavy no.3:66-73 '60.

TITANIUM ALLOYS—THERMAL PROPERTIES
Heat-resistant VT3 and VT3-1 titanium alloys. O.P.Solonina, G.M.Kokhova. Titan i ego splavy no.3:79-83 '60.

TITANIUM ALLOYS—WELDING
Weldability of VT1 titanium and the VT5 titanium alloy. M.Kh.Shorshorov, G.V.Nazarov. Titan i ego splavy no.3:135-140 '60.

Welding of titanium-base alloys. M.V.Poplavko, N.N.Manuilov, L.A.Gruzdeva. Titan i ego splavy no.3: 141-146 '60.

TITANIUM-ALUMINUM ALLOYS
Investigating the microstructure and the mechanical properties of titanium-aluminum alloys. N.N.Timoshenko, E.V.Petunina. Titan i ego splavy no.3:3-9 '60.

TITANIUM-ALUMINUM ALLOYS—METALLOGRAPHY
Characteristics of plasticity and aging of binary titanium-aluminum alloys. R.N.Nikitenko. Titan i ego splavy no.3:41-51 '60.

TITANIUM CARBIDE
Electrochemical behavior of titanium carbide in a chloride melt. M.V.Smirnov, IU.N.Krasnov. Zhur. neorg.khim. 5 no.6:1244-1247 Je '60

TITANIUM CHLORIDE
Liquid - vapor phase equilibria in systems formed by $TiCl_4$ with chloro- and trichloroacetyl chlorides. G.V.Seriakov, S.A.Vaks, L.S.Sidorina. Zhur.ob.khim. 30 no.7:2130-2133 Jl '60.

Mechanism of interaction between titanium tetrachloride and magnesium under optimum temperature conditions of the reduction process. R.A.Sandler. Zhur.prikl. khim. 33 no.5:1013-1019 My '60.

Products of the reaction between metallic titanium and titanium tetrachloride. L.V.Biriukova, IU.G.Saksonov Zhur. neorg.khim. 5 no.5:993-998 My '60

Rate of reaction of titanium tetrachloride with magnesium R.A.Sandler. Zhur.prikl khim. 33 no.7:1465-1470 Jl '60

Solubility in the system $TiCl_3$ -NH_4Cl - H_2O (0° isotherm). I.S.Morozov, G.M.Toptygina. Zhur.neorg. khim. 5 no.7:1637-1639 Jl '60.

TITANIUM COMPOUNDS
Argentometric determination of chlorine in n-tetrabutyl titanate. IA.I.Chuikov. Zav.lab. 26 no.5:550 '60.

Phase diagram of the system TiFe - V. Bi TSin-Khua, I.I.Kornilov. Zhur.neorg.khim. 5 no.4:902-907 Ap '60.

Reactions of triphenylaluminum with halogen compounds of titanium in solutions of fluorobenzene and deuterobenzene. E.V.Mitrofanova, A.N.Artemov, G.G.Petukhov. Zhur.ob.khim. 30 no.7:2138-2141 Jl '60.

TITANIUM-COPPER ALLOYS see Copper-titanium alloys

TITANIUM HALIDES
Reactions of organometallic compounds with heavy metal salts. Report No. 2: Reactions of ethyllithium with cobalt and titanium halides. V.A.Kropachev and others. Izv.AN SSSR.Otd.khim.nauk no.6:1041-1046 Je '60.

TITANIUM-IRON ALLOYS—HEAT TREATMENT
Transformations during the electric heating of commercial titanium in titanium-iron alloys. V.N.Gridnev. Titan i ego splavy no.3:61-65 '60.

TITANIUM NITRIDE
Acid resistance and methods of analysis of titanium, zirconium, niobium and tantalum nitrides. O.I.Popova, G.T.Kabannik. Zhur.neorg.khim. 5 no.4:930-934 Ap '60.

TITANIUM OXIDE

Catalytic conversions of alcohols and cyclic hydrocarbons on titanium dioxide. A. A. Tolstopiatova, A. A. Balandin, I. E. Konenko. Dokl. AN SSSR 133 no.1:130-133 Jl '60.

Interaction between $BaCO_3$ with TiO_2 and ZrO_2 during heating. N. B. Karpenko, E. K. Keler. Zhur. neorg. khim. 5 no.6:1207-1262 Je '60.

TITANOMAGNETITE see subdivision under Billimbay Mountain

TITMICE see subdivision under Ili Delta

TITRATION

Titration in nonaqueous medium [with summary in English]. J. Minczewski. Zhur. anal. khim. 15 no.2:151-154 Mr-Ap '60.

TITRIMETERS

Instrument for photoelectric titration. M. L. TSap. Zav. lab. 26 no.7:890-891 '60.

TKIBULI—COAL MINES AND MINING

Coal losses in various mining systems used in the mines of Tkibuli deposit. A. D. Kuchtinashvili. Ugol' 35 no.5:31-32 My '60.

TKVIBULI see Tkibuli

TOADSTOOLS see Mushrooms

TOBACCO—PHYSIOLOGICAL EFFECT

University of beauty and health. Smena 37 no.15:31 Ag '60.

TOBACCO—VARIETIES see subdivision under Kazakhstan

TOCOPHEROL

Isolation of tocopherols by chromatography. M. P. Zakharova, M. S. Kastornykh. Trudy VNIVI 6:88-92 '59.

Obtaining vitamin E concentrates by means of high-vacuum distillation. F. N. Martinson and others. Trudy VNIVI 6:75-81 '59.

Polarographic determination of tocopherols in vegetable oils. V. I. Koltunova. Trudy VNIVI 6:260-265 '59.

Study of the effect of a vitamin E concentrate obtained by means of molecular distillation on guinea pig's bodies. A. A. Selezeneva. Trudy VNIVI 6:230-238 '59.

TOGLIATTI, PALMIRO, 1893-

"Honorable collective farmer" of the village of Rusanovo. Ukraina no.11:7 Jl '60.

TOGOLOK MOLDO, 1860-1941

The fiery bard. A. Kazakbaev. Ogonek 38 no.24:19 Je '60.

TOGUZAK VALLEY—GEOLOGY, STRATIGRAPHIC

Recent data on the vertical distribution of foraminifera in Devonian and Carboniferous boundary layers of the Southern Urals. A. A. Sultanaev. Dokl. AN SSSR 133 no.4:921-924 Ag '60.

TOKYO—DESCRIPTION

Tokyo diary. Ulrich Makosch. Vokrug sveta no.6:29-32 Je '60.

TOKYO—SOCIAL CONDITIONS

Tokyo opens its eyes. Takeni Kaiko. Inostr. lit. no.8:237-244 Ag '60.

TOLERANCE (ENGINEERING)

Applying preferred zones of tolerances. D. I. Litvalitis, T. A. Semenova. Standartizatsiia 24 no.6:41-45 Je '60.

Check calculation of tolerances for moving blades of turbines. I. G. Fridlender. Trudy Inst. mash. Sem. po toch. v mash. i prib. no.14:44-68 '60.

Determination of errors in the shape of surfaces in connection with the establishment of tolerances. A. K. Kutai. Standartizatsiia 24 no.7:7-11 Jl '60.

Interconnection of surface smoothness and the precision of dimensions and fits. S. I. Ruzin. Vest. mash. 40 no.7:61-66 Jl '60.

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Tolerances and fits; official edition] Dopuski i posadki; izd. ofitsial'noe. Moskva, 1956. 119 p. (Gosudarstvennye standarty SSSR)

Standardizing tolerances for arrangement in the manufacture of instruments. A. S. Smirnov. Standartizatsiia 24 no.7:12-15 Jl '60.

Widening the area of the application of preferred zones of tolerances based on functional interchangeability. A. K. Kutai. Standartizatsiia 24 no.6:6-11 Je '60.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Bulgakov, V. F. [L. N. Tolstoi in the last year of his life; a diary of L. N. Tolstoi's secretary] L. N. Tolstoi v poslednii god ego zhizni; dnevnik sekretaria L. N. Tolstogo. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1960. 511 p. (Seriia literaturnykh memuarov)

"The Caucasus in the works of L. N. Tolstoi" by B. S. Vinogradov. Reviewed by IA. Bilinkis. Vop. lit. 4 no.8:211-214 Ag '60.

L. N. Tolstoi's "War and peace", problems and poetics by A. A. Saburov. Reviewed by E. Motyleva. Novyi mir 36 no.6:259-263 Je '60.

"L. N. Tolstoi's 'War and peace'." Reviewed by E. Polotskaia. Vop. lit. 4 no.8:214-218 Ag '60.

Repin, I. E. [I. E. Repin and L. N. Tolstoi] I. E. Repin i L. N. Tolstoi. Moskva, Iskusstvo, 1949. 1 v. (RPB)

Romain Rolland and Tolstoi. I. Ovchinnikova. V zashch. mira no.7:71-76 Jl '60.

V. I. Lenin on L. N. Tolstoi, the artist and thinker. V. Shcherbina. Zvezda no.5:180-189 My '60.

TOLUAMIDE

Study of repellents. Report No.9: Diethyltoluamides. I. Kh. Zolotarev, T. V. Kalakutskaia. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.1:18-21 My-Je '60.

TOLUBEEV, IURII V.

"Poetry of life" by G. A. Kapralov. Reviewed by S. Ostrovoy. Zvezda no.5:217 My '60.

TOLUENE

Alkylation of toluene by C_{10} olefins in the presence of sulfuric acid. Kh. I. Kozmerov, A. Z. Dorogochinskii. Khim. i tekh. topl. i masel 5 no.5:36-41 My '60.

Detonation parameters of trotyl - hexogen mixtures. A. N. Dremin, G. A. Adadurov. Izv. AN SSSR, Otd. khim. nauk no.6:1130-1131 Je '60.

Intragranular chemical transformations in vinyltoluene - divinylbenzene copolymers. A. B. Davankov, N. A. Mordvintseva. Zhur. prikl. khim. 33 no.7:1676-1679 Jl '60.

TOLUENE—SPECTRA

Determination of the isomers of cymene and tert-butyl toluene by infrared absorption spectra [with summary in English]. IU. IA. Mikhailenko, N. N. Lebedev, L. L. Kokshin. Zhur. anal. khim. 15 no.2:159-161 Mr-Ap '60

TOLUIDINE

Heats of mixing dioxane with chloroform and o-toluidine. O. S. Osipov, M. A. Panina, L. S. IAgubian. Zhur. ob. khim. 30 no.7:2127-2130 Jl '60.

TOMATOES

Results of field tests of a new method for crossing tomato varieties. N. V. Atrashenok. Biul. Inst. biol. AN BSSR no.3:223-224 '58.

Vegetative reproduction of tomatoes. M. F. Putilov. Shkola i proizv. 4 no.6:62-63 Je '60.

TOMATOES—WATER REQUIREMENTS

Effect of different soil moisture conditions on the development of tomatoes and cell sap concentration in tomato leaves. V. F. Belik. Bot. zhur. 45 no.7:1057-1066 Jl '60.

TOMSK—POLITICS AND GOVERNMENT

After the abolition of city districts. V. Antonov. Sov. deput. trud. no.7:63-68 Jl '60.

TOMSK PROVINCE—MINERALS IN SOIL

Forms of phosphorus in Gray forest soils and Chernozem meadow soils of Tomsk Province. L. M. Burlakova. Izv. Sib. otd. AN SSSR no.1:130-143 '60.

TOMSK PROVINCE—PRODUCE TRADE

Principle of material self-interest and the new state delivery system of agricultural products. K. Mogil'nitskaia. Nauch. dokl. vys. shkoly; ekon. nauki no.2:53-61 '60.

TOMSK PROVINCE—SOIL PARTICLES

Groups of particles less than 0.01 mm. in diameter in meadow Chernozems and Gray forest soils of Tomsk Province. Z. D. Kuznetsova. Izv. Sib. otd. AN SSSR no.1:114-119 '60.

TONGUE

New raw and semiprocessed tongue products. A. Ilyinsh. Obshchestv. pit. no.6:37 Je '60.

TONSILS—DISEASES

(see also subdivision under Minsk)

New advances in the treatment of anginas in children. N. I. Nisevich, V. S. Kazarin. Vop. okh. mat. i det. 5 no.4:28-32 Jl-Ag '60.

Some problems in the etiology of angina and chronic tonsillitis. A. N. Kolpin. Zdrav. Belor. 6 no.3:16-17 Mr '60

TONSILS—SURGERY see subdivision under Gomel'

TOOL STEEL

Rolling 750-kg. ingots of high speed R18 steel. N. D. Aksev. Stal' 20 no.8:731-732 Ag '60.

TOOL STEEL—HEAT TREATMENT

Isothermal treatment of tool steels. D. IA. Vishniakov, A. A. Sovalova, G. B. Stroganov. Trudy MATI no.43:5-11 '60.

TOOL STEEL—STANDARDS

Russia (1923- U.S.S.R.) [illegible] [Metal cutting tools, tool steel, [illegible] aids for the machinery industry [illegible] cutting tools] [illegible] Moskva, [illegible] standarty SSSR)
No. 1, 1960. 159 p.

TOOLS—STANDARDS

[Forging tools; design and specifications] [illegible] Moskva, [illegible] 1960. 103 p. [illegible]

TOPOGRAPHIC MAPS

[illegible]

TOPOGRAPHICAL SURVEYING

[illegible]

TORPEDO BOATS

That's the way, [illegible]

TORRICELLI, EVANGELISTA, 1608-1647

[illegible]

TORSION

[illegible]

TORQUE—MEASUREMENT

[illegible]

TORUM

[illegible]

TOURMALINE

[illegible]

TOVSTONOGOV, G. A.

"Poetry of life" [illegible]

[illegible]

Antitoxic effect of levomycetin under experimental conditions [with summary in English]. V.A Liashenko. Antibiotiki 5 no.1:112-115 Ja-F '60.

Recent data on the pathogenesis of bacterial neurointoxication. A.D.Ado, V.V.Mikhailov. Usp.sovr biol 49 no.3:373-387 My-Je '60.

Some peculiarities of functional changes in the central nervous system in experimental tetanus and the mechanisms of action of tetanus toxin. Report no.3: Central and peripheral action of tetanus toxin [with summary in English] G.N.Kryzhanovskii Biul.eksp. biol.i med. 49 no.1:42-48 Ja '60.

TOXOPLASMOSIS

Case of congenital toxoplasmosis. L.G.Gerekke, M.S. Dats-Epshtein. Zdravookhranenie 3 no.3:59-61 My-Je '60.

Serum diagnosis of toxoplasmosis. A.V.Levit. Trudy Inst.zool.AN Kazakh.SSR 12:75-77 '60.

Some aspects of the problem of toxoplasmosis. D.N. Zasukhin. Trudy Inst.zool.AN Kazakh.SSR 12:64-72 '60.

Studying the biology of Toxoplasma and their preservability outside the organism. V.A.Saltaev, A.K.Shuntrov. Trudy Inst.zool.AN Kazakh.SSR 12:73-74 '60.

TOWERS

New reticular wooden construction elements. N.F.Svirin. Sbor.nauch.trud.LISI no.30:105-116 '59.

TOWING

Zvonkov, V.V., and L.I.Fomkinskii. [Ship tractive and propulsive speed calculations; a proposed guide] Sudovye tiagovye i skorostnye raschety; proekt rukovodstva. Moskva, Izd-vo "Rechnoi transport," 1959. 213 p.

TOY INDUSTRY

Rossikhina, S.V. [Russian toys] Russkaia narodnaia igrushka. Moskva, Vses.koop.izd-vo, 1959. 64 p. (Khudozhestvennye promysly RSFSR)

TOYS

Let's talk about toys. V.Prozhohin. Ukraina no.14:25 Jl '60.

Spring toys. IU.A.Bugel'skii. Doshk.vosp 33 no 5: 90-93 My '60.

TRACE ELEMENTS

Characteristics of trace element distribution in intrusive rocks on the southwestern slope of the Chatkal Range (Central Asia). P.S.Kozlova. Trudy IGEM no.27:106-124 '60.

Contribution to the study of trace element sorption by the carbonate system of natural waters. O.A.Alekin, N.P.Moricheva. Dokl.AN SSSR 133 no.4:943-946 Ag '60.

Effect of boron, manganese and copper on the resistance of the cotton plant to cotton aphids [in Azerbaijani with summary in Russian]. A.A.Abdinbekova. Dokl.AN Azerb.SSR 16 no.3:299-302 '60.

Effect of different methods of trace element application on the size of chloroplasts and chlorophyll accumulation in sugar beet leaves. T.N.Godnev, H.A.Lipskaia. Vestsi AN BSSR,Ser.biial.nav. no.2:130-132 '60.

Effect of trace elements on the intensity of respiration and photosynthesis in cotton leaves at different temperatures [in Azerbaijani with summary in Russian]. A.Kh Tagi-zade. Uch.zap.AGU.Biol ser. no.1:83-86 '60.

Experiment in treating seeds with trace elements before seeding. V.S.Kheladze, A.B.Matinian. Biul.Glav.bot. sada no.36:103-104 '60.

Experiments on the effect of Co, Mn, and I on embryogenesis in fishes and amphibians. A.Turdakov, K.Ozarovskaia. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.4:81-86 '59.

Genetic classes of chlorine waters in sediments and the distribution of trace elements in them. L.S.Balashov. Biul.MOIP.Otd.geol. 35 no.1:121-125 Ja-F '60.

TRACE ELEMENTS—SPECTRA

Spectrum analysis for the determination of traces of impurities in organic compounds. Sh.I.Peizulaev, L.K. Popova, R.L.Slusareva. Zav.lab. 26 no.5:552-553 '60.

TRACERS (BIOLOGY)

Using the radioisotope of phosphorus in studying phosphorus metabolism in the ontogeny of spring wheat (Triticum vulgare Host). L.N.Kazanskaia. Bot.zhur. 45 no.7:1055-1059 Jl '60.

TRACK ATHLETICS

Pushkarev, K.M. [This is how champions are made] Tak stanoviatsia chempionami. Moskva, Gos.izd-vo "Fizkul'tura i sport," 1960. 171 p.

[Tables for evaluating results in track] Tablitsy otsenki rezul'tatov v legkoi atletike. Moskva, Gos.izd-vo Fizkul'tura i sport, 1959. 339 p.

TRACKING AND TRAILING

Dog scent and its role in trailing [with summary in English]. Biul.MOIP.Otd.biol. 65 no.1:127-134 Ja-F '60.

Minsk

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS

see subdivision under Kharkov

TRACTOR TRAINS

Conference on high-roadability tractor trains. L.IA. Martzynovskii, IU.P.Sorochan. Avt.prom. no.7 39-42 Jl '60.

Green light for tractor trains A Gvozdev, S Okolovich Avt.transp 38 no.7 12-13 Jl '60

TRACTORS

Lipatova, V.A., and A.G.Koshelev. [Collective-farm tractor brigade on a cost-accounting basis] Kolkhoznaia traktornaia brigada na khozraschete. [Moskva] Sovetskaia Rossiia [1959] 22 p.
(DA)

There are two of them on the big field. Aleksei Musatov. Znamia 30 no.8:150-175 Ag '60

[Tractor and combine operators and truck drivers.] Traktorist, kombainer i shofer no.12 D '59

Tractor as an electric power station. B.Glebov. Otv.na vop.trud. no.114:58-64 '60.

Trubnikov, G.I. [Efficient use of tractors] O proizvoditel'nom ispol'zovanii traktorov. Moskva, Vses.uchebno-pedagog.izd-vo Trudrezervizdat, 1959. 101 p. (Biblioteka molodogo rabochego)

TRACTORS—ELECTRIC EQUIPMENT

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Electric equipment for tractors and motor vehicles] Avtotraktornoe elektrotekhnicheskoe oborudovanie Izd.ofitsial'noe. Moskva, 1959. 170 p.

TRACTORS—EQUIPMENT AND SUPPLIES

Foreign designs of supporting and coupling devices. IU.P.Sorochan. Avt.prom. no.7:32-35 Jl '60.

Minskii traktornyi zavod. [Catalog of spare parts for the MZT-2, MTZ-5, MTZ-5K, MTZ-5M, MTZ-5L, MTZ-7M, and MTZ-7L "Belarus'" tractors] Katalog zapasnykh chastei traktora "Belarus'" modelei MTZ-2, MTZ-5, MTZ-5K, MTZ-5M, MTZ-5L, MTZ-7M i MTZ-7L. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 575 p.

TRACTORS—MAINTENANCE AND REPAIR

Lapitskii, M.S., and G.G.Astvatsaturov. [Equipment for dismounting, assembling, and adjusting diesel tractors] Oborudovanie dlia razborki, sborki i regulirovki dizel'nykh traktorov. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 139 p.

Moscow. Nauchno-issledovatel'skii institut truda. TSentral'noe biuro promyshlennykh normativov po truda. [Handbook on repairing the "Stalinets-80" tractor and hoisting winches of tractors with standard time norms] Spravochnik po organizatsii remonta traktora "Stalinets-80" i lebedok traktora-pod"emnika s tipovymi normami vremeni. Moskva, Gos.nauchno-tekhn.izd-vo neft.i gorno-toplivnoi lit-ry, 1960. 419 p.

TRACTORS—TECHNOLOGICAL INNOVATIONS

Automatic machines furrow the steppe. I.Loginov. Izobr.i rats. no.8:42-49 Ag '60.

TRACTORS—TRANSMISSION DEVICES

Hydraulic transmissions of agricultural tractors. IA.E. Ilinovich. Izv.vys.ucheb.zav.,mashinostr. no.6:51-61 '60.

TRACTORS—WELDING

Automatic welding of the S-100 tractor frame joints. I.F.Kobzev, N.A Karpov Svar proizv no.6 30-32 Je '60.

TRADE ROUTES

see subdivision under Soviet Central Asia

TRADE UNIONS

(see also subdivision under Germany, West; Kazakhstan; Lugansk Province; United States)

Active workers of trade unions participating in the work of the congress. Mast.ugl. 9 no.6:6-8 '60.

Dalmashnov, A.A. [Soviet trade unions in the struggle for peace] Sovetskie profsoiuzy v bor'be za mir. [Moskva] Izd-vo VTsSPS, 1959. 125 p.

A book which tries to deceive the workers ("Freedom of the trade-union movement and the protection of trade-union rights" [In French]. Reviewed by P.Gusin). Sov.gos.i pravo no.7:201-204 Jl '60.

Construction projects of the seven-year plan should have general inspection Sov.profsoiuzy 16 no 9 2-4 My '60.

The Eighteenth Congress of the Government Employees Trade Union. Fin.SSSR 21 no.7:86-89 Jl '60.

Fourth Congress of the Trade Union of Textile and Light Industry Workers. Tekst.prom. 20 no.6:86 Je '60.

In the All-Union Council of Trade Unions Sov.profsoiuzy 16 no 9 62-63 My '60

In the Presidium of the All-Union Central Council of Trade Unions. Okhr truda i sots strakh 3 no.3:72-73 Mr '60

In the socialist competition the main thing is to help the laggin.. Mast ugl. 9 no 5 11 My '60.

physical education. N.Khromov, N Korshakov Sov. profsoiuzy 16 no.9 52-53 My '60

Marx, Karl, and Friedrich Engels. [Karl Marx and Friedrich Engels on trade unions] K Marks i F.Engel's o profsoiuzakh. [Moskva] Izd-vo VTsSPS Profizdat, 1959. 357 p.

A militant program—such are the decisions of the congress I.Vladychenko. Mast ugl 9 no 5 1-2 My '60

School of training, school of communism Okhr.truda i sots strakh 3 no 3 1-5 Mr '60

Solidarity, unity, peace! G.Kazadei Sov profsoiuzy 16 no 9 55-58 My '60

Statement made after the congress. A.Kurov. Mast.ugl. 9 no.6:9 '60.

Such people won't let you down. P.Korol'. Mast.ugl. 9 no.7:11 Jl '60.

Tested method of communist construction Sov profsoiuzy 16 no 9 32-34 My '60

[Trade-union group organizer's guide; trade unions in our country; how to organize work in the trade-union group; for the trade-union group organizer on the seven-year plan; concise economics dictionary; legal advice, for the notebook of the trade-union group organizer] Sputnik profgruporga: Professional'nye soiuzy nashei strany; Kak organizovat' rabotu v profgruppe; Profgruporgu o semiletke, kratkii ekonomicheskii slovar'; IUridicheskaia konsul'tatsiia; V bloknot profgruporga. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 286 p.

Unity is our insurance of victories to come Sov.profsoiuzy 16 no 9 59-61 My '60

Work with the masses should have a higher level. Mast. ugl. 9 no.7:12 Jl '60.

TRADE UNIONS—BIBLIOGRAPHY

see Bibliography—Trade unions

TRADE UNIONS—CONGRESSES

At the Fifth Congress of Metallurgical Workers' Trade Union. P.F Smirnov. TSvet met. 33 no 7 1-4 Jl '60.

Dzhelomanov, V.S. [Eleventh Congress of Soviet Trade Unions] XI s"ezd sovetskikh profsoiuzov. [Moskva] Izd-vo VTsSPS Profizdat, 1960. 77 p.

From the Fourth Congress of the Trade Union of Workers of the Machinery Industry. D.M.Speranskii. Mashinostroitel' no.7:5-6 Jl '60.

Republican congresses of trade unions. Sov profsoiuzy 16 no 9 62-64 My '60.

Second Congress of the Trade Union of Local Industry and Communal Economy Workers Zhil.-kom khoz 10 no 6 3 '60

TRAFFIC ACCIDENTS

(see also subdivision under Moscow Province)

"Epidemic" of automobile accidents in the West. Jacques Derogy. V zashch.mira no.5:91-96 My '60.

TRAFFIC ENGINEERING

(see also subdivision under Kharkov; Moscow)

Artem'ev, S.P., and P.I.Pushkin, comps. [Fourth International Week for the Study of Traffic Engineering and International Congress on Traffic Safety] IV Mezhdunarodnaia nedelia po izucheniiu tekhniki dorozhnogo dvizheniia i Mezhdunarodnyi kongress po dorozhnoi bezopasnosti. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 142 p.

Investigating the motion of an automobile overtaking another. I.V.Begma Izv.vys.ucheb.zav.,stroi.i arkhit. no 2:145-142 '60.

Methods for organizing automobile and pedestrian traffic in residential microdistricts [with summary in English, p.74]. I.O.Fomin, M.M.D'omin. Visnyk ABiA URSR no.2:20-25 '60.

Speedways in large Soviet cities. V.P.Khodataev. Izv. ASiA no.2:95-104 '60.

TRAFFIC REGULATIONS

Answering readers' queries. Za bezop.dvizh. no.6: 14-15 Je '60.

How to interpret traffic regulations. Za bezop.dvizh. no.6:11 Je '60.

Russia (1923- U.S.S.R.) Ministerstvo vnutrennikh del. [Traffic regulations in the U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSSR. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 125 p.

TRAFFIC SAFETY

For the health and happiness of children! T.Veselovskaia and others. Za bezop.dvizh. no.6:8-10 Je '60.

They are fighting for traffic discipline. M Kotikovskaia Avt.transp 38 no.7 44 Jl '60

TRAFFIC SAFETY—CONGRESSES

Artem'ev, S.P., and P.I.Pushkin, comps. [Fourth International Week for the Study of Traffic Engineering and International Congress on Traffic Safety] IV Mezhdunarodnaia nedelia po izucheniiu tekhniki dorozhnogo dvizheniia i Mezhdunarodnyi kongress po dorozhnoi bezopasnosti. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shosseinykh dorog RSFSR, 1960. 142 p.

TRAFFIC SIGNS AND SIGNALS—MODELS
Training model of a traffic light. P. Vrublevskii. Avt. transp. 38 no.7:16-17 Jl '60.

TRAFFIC SIGNS AND SIGNALS—STANDARDS
Road signs. V. Pashkov, V. Gracheva. Standartizatsiia 24 no.6:51-54 Je '60.

TRAFFIC SURVEYS
(see also subdivision under Moscow)
Transit time of passengers of the Moscow subway. I.M. IAkushkin. Gor. khoz. Mosk. 34 no.7:21-26 Jl '60.

TRAFFIC VIOLATIONS
(see also subdivision under Kazakhstan)
From the court room. M. Levinson. Za bezop. dvizh. no.6:16 Je '60.

TRAIN FERRIES see subdivision under Caspian Sea

TRANS-ILI ALA-TAU—GLACIERS
Extent of glaciation of the Trans-Ili Ala-Tau. V.A. [illegible]. Trudy Inst. geog. AN Kazakh. S.S.R. no.6:130-155 '60.

TRANS-ILI ALA-TAU—LADYBIRDS
Hibernation sites of some Coccinellidae in southeastern Kazakhstan [with summary in English]. G.I. Savoiskaia. Zool. zhur. 39 no.6:882-887 Je '60.

TRANSAMINASE
Diagnostic value of transaminase and aldolase in the blood serum in acute coronary insufficiency. B.I. Korovkin, N.A. Belov, A.S. Kantorovich. Voen. med. zhur. no.5:36-39 My '60.

TRANSBAIKALIA—ANIMALS
Finds of mammal corpses in the steppes of southeastern Transbaikalia. I.I. Samolina. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:139-141 '57.

TRANSBAIKALIA—BIRDS OF PREY
Data on the number and diet of birds of prey of southeastern Transbaikalia. B.I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:111-131 '57.

TRANSBAIKALIA—CLIMATE
Climate of southeastern Transbaikalia and a historical survey of plague infection in relation to climatic changes. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:10-58 '57.

TRANSBAIKALIA—FIELD MICE
Materials on the ecology of Brandt's field mouse; Report No. 5: Peculiarities of seasonal and diurnal activity. V.P. Khrustselevskii, O.A. Kopylova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:68-77 '57.

Number of gregarious field mice in southeastern Transbaikalia. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:85-91 '57.

TRANSBAIKALIA—FLEAS
Fleas of the Daurian pika during the period of the massive growth of their numbers. I.F. Zhovtyi, O.A. Kopylova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:293-298 '57.

Materials on the ecology of the fleas of the Daurian suslik in Transbaikalia. O.I. Pauller, P.A. Chipizubova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:101-119 '58.

Method of determining the physiological age of the female of Oropsylla silantiewi Wagn. and seasonal changes in the age composition of the flea population. V.N. Prokop'ev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:91-100 '58.

Number of generations and the duration of the developmental cycle of Oropsylla silantiewi Wagn. (Aphaniptera) in Transbaikalia. I.F. Zhovtyi, V.N. Prokop'ev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:21-26 '58.

Observations on the wintering of fleas on the marmot in Transbaikalia. I.F. Zhovtyi, B.I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:27-31 '58.

Species composition and seasonal changes in the number of fleas of the Mongolian gerbil (Meriones unguiculatus A. M. Edw.) in the steppe area of southeastern Transbaikalia. A.A. Timofeeva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:53-57 '58.

TRANSBAIKALIA—FLUORITE
Characteristics of the distribution of fluorite deposits in the southern part of eastern Transbaikalia. P.A. Strona. Izv. vys. ucheb. zav.; geol. i razv. 3 no.4:89-97 Ap '60.

TRANSBAIKALIA—GERBILS
Poisoned bait in the control of the Mongolian gerbil in southeastern Transbaikalia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:[illegible]-248 '57.

TRANSBAIKALIA—MAN—INFLUENCE OF CLIMATE
Boenko, I.D., and V.A. Kozlov. [Influence of the climate of Transbaikalia on the human body] O vliianii klimata Zabaikal'ia na organizm cheloveka. [Chita] Chitinskoe knizhnoe izd-vo, 1959. 79 p.

TRANSBAIKALIA—MARMOTS
Number of marmots in southeastern Transbaikalia. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:3-11 '57.

TRANSBAIKALIA—MITES
Materials for a study of the trombidiid mites (Trombiculinae Ewing) of Transbaikalia. I.F. Zhovtyi and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:219-226 '58.

New species of the genus Trombicula (Acariformes, Trombiculidae) from Transbaikalia. P.G. Shluger, N.D. Emel'ianova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:171-176 '57.

TRANSBAIKALIA—MOLYBDENITE
Dissolving and redeposition of molybdenite during the formation of microcline in the Pervomaiskoye deposit. I.P. [illegible]. Geol. rud. mestorozh. no.3:61-70 My-Je '60.

TRANSBAIKALIA—MOUNTAINS
New concepts on the orography of Transbaikalia. N.[illegible] and others. Izv. AN SSSR. Ser. geog. no.2:82-88 Mr-Ap '60.

TRANSBAIKALIA—PARASITES—MAMMALS
Brief survey of mammal ectoparasites of the Mongolian Transbaikalian plague focus in relation to their epizootiological significance. N.D. Emel'ianova, I.F. Zhovtyi. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:259-281 '57.

TRANSBAIKALIA—PLAGUE
Climate of southeastern Transbaikalia and a historical survey of plague infection in relation to climatic changes. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:10-58 '57.

TRANSBAIKALIA—PLAGUE—BIBLIOGRAPHY
Ivan Stepanovich Dubchenko from the history of the study of natural foci of plague in Transbaikalia. I.V. Domaradskii, I.F. Zhovtyi. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:250-[illegible] '57.

TRANSBAIKALIA—RODENT CONTROL
Control of marmots with a "mixture" of chloropicrin and a calcium cyanide mixture. B.I. Peshkov, V.M. Lipaev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:[illegible] '57.

Extermination of the marmot in Transbaikalia by means of poisoning from automobiles. N.V. Nekipelov, IU.I. Mirotvortsev, G.P. Plotnikova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:116-121 '58.

TRANSBAIKALIA—RODENTIA
Household rodents in southeastern Transbaikalia. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:77-81 '58.

Observations on the hibernation of some mammals. N.V. Nekipelov, B.I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:33-40 '58.

Seasonal changes in the histostructure of the skin among some rodent species of Transbaikalia. L.I. Osipenko, I.F. Zhovtyi. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:55-66 '58.

TRANSBAIKALIA—RODENTIA—DISEASES AND PESTS
Characteristics of some bacillary infections of rodents in the steppes of Transbaikalia. From "Materialy po epizootologii," No.5, 1957. By A.I. [illegible], O.I. [illegible]enko. Reviewed by L.A. Timofeeva, V. IA. Golubkova, G.P. Apo[illegible]. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:261-265 '57.

Climate of southeastern Transbaikalia and a historical survey of plague infection in relation to climatic changes. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:10-58 '57.

Search for plague and other epizootic diseases in a Transbaikalian plague focus. Report No. 2. L.A. Timofeeva and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:3-17 '57.

Search for plague and other epizootic diseases in a Transbaikalian plague focus. Report No. 3. L.A. Timofeeva and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:3-15 '58.

TRANSBAIKALIA—RODENTIA—EXTERMINATION
Extermination of rodents in southeastern Transbaikalia. N.V. Nekipelov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:215-217 '57.

TRANSBAIKALIA—SUSLIKS
Supplementary data on the diet of the Daurian suslik. M.G. Petukhov, B.I. Peshkov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 1[illegible]:101-104 '58.

TRANSBAIKALIA—TICKS
Comparative data on the biology and diffusion of Ixodes crenulatus Koch and Dermacentor nuttalli Ol. N.D. Emel'ianova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:209-216 '58.

Study of the morphology of the Transbaikalian tick Ixodes crenulatus Koch, 1844 (Ixodidae, parasitiformes). N.D. Emel'ianova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:185-198 '58.

New data on the Ixodidae of western Transbaikalia. N.D. Emel'ianova, O.F. Pauller. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:197-204 '58.

TRANSBAIKALIA—WOLFRAMITE
Genesis of wolframite deposits in Transbaikalia. A.D. Shcheglov. Geol. rud. mestorozh. no.6:124-130 N-D '59.

TRANSCARPATHIA—COMMUNIST PARTY
[illegible], V.I. [On the road to victory; history of the Communist organization in the Transcarpathian Ukraine, 1929-1938] Na [illegible] 1929-1938 rr. Uzhhorod, Zakarpats'ke [illegible] vyd-vo, 1958. 217 p. ([illegible])

TRANSCARPATHIA—CRETINISM
Clinical aspects of attenuated forms of [illegible] 57-61 Jl '60.

TRANSCARPATHIA—[illegible]
[illegible] '60.

TRANSCARPATHIA—FLEAS
[illegible] '60.

TRANSCARPATHIA—GAS, NATURAL—GEOLOGY
[illegible]

TRANSCARPATHIA—GOITER
[illegible]

TRANSCARPATHIA—PETROLEUM GEOLOGY
[illegible]

TRANSCARPATHIA—[illegible]
[illegible]

TRANSCARPATHIA—[illegible]
[illegible]

TRANSCAUCASIA—COMMUNIST PARTY OF THE SOVIET UNION. PARTY WORK
[illegible]

TRANSCAUCASIA—[illegible]
[illegible]

TRANSDUCERS
[illegible]

TRANSFORMATIONS (MATHEMATICS)
[illegible]

TRANSIENTS (DYNAMICS)
[illegible]

TRANS[illegible]
[illegible]

TRANSISTOR AMPLIFIERS
[illegible]

TRANSISTOR [illegible]
Analysis of the stability [illegible]

Transistorized [illegible] 44-46 Jl '60.

Distribution of potential, field and concentration of current carriers in the region of the strong field of the alloy p--n junctions and pin-structures. Part 2. IU.S.Riabinkin. Izv.vys.ucheb.zav.,fiz. no.3,27-31 '60

Frequency instability of a P403 transistorized self-oscillator. S.L.Kunina. Elektrosviaz' 14 no.7:20-37 Jl '60

High-frequency transistors. I.Palekhov. Radio no.6:23-26 Je '60

Input and transfer admittance of a transistor under unsteady conditions [with summary in English]. E.I. Adirovich. Inzh.-fiz.zhur. no.7:28-36 Jl '60.

Kalsman, IA.A. [Low power junction transistors] Poluprovodnikovye ploskostnye malomoshchnye triody. Moskva, Gos.energ.izd-vo, 1960. 248 p.

Step-by-step control system equipped with semiconductors. T'ang Yung huang. Izv.vys.ucheb.zav., mashinostr. no.6:3-15 '60.

Sabbotina, E.P. [Laboratory methods for studying transistor devices] Laboratornye metody izucheniia poluprovodnikovykh priborov. [Leningrad] Izd-vo Leningr. univ., 1960. 132 p.

Surge protection of transistorized communications and automatic control systems. M.I.Vakhnin. Vest.TSNII MPS 19 no.4:7-10 '60.

TRANSIT SYSTEMS see subdivision under Moscow

TRANSLATING AND INTERPRETING

Language and translation section. R.Meilate. Sov.pech. no.7:40-42 Jl '60.

TRANSLATORS

Translated by Petro Okhrimenko. Mykola Romanika. Ukraina no.11:21 Je '60

TRANSPORT OF SICK AND WOUNDED

Transport of wounded and sick on ships. I.M.Shliago. Voen.-med.zhur. no.6:84-87 My '60.

TRANSPORTATION

(see also subdivision under Kirghizistan; Moscow)

Povorozhenko, V.V., and others. [Transportation in the U.S.S.R.] Transport SSSR. Pod obshchei red. V.G. Bakaeva. Moskva, Izd-vo "Morskoi transport," 1960. 536 p.

"Prognoses" of American economists and the real state of Soviet transportation. A.G.Napanko. Zhel.dor. transp. 42 no.7:60-65 Jl '60.

TRANSPORTATION--BUILDINGS AND STRUCTURES

The achievement of socialist objectives is a matter of honor for every group of workers. Transp.stroi. 10 no.5:1-4 My '60.

Brief news. Transp.stroi. 10 no.5:63 - 3 of cover My '60.

Brief news. Transp.stroi. 10 no.6:62-64 Je '60.

Efficiency promotion and inventing in the construction operations of the transportation industry. P.V.Egorov. Transp.stroi. 10 no.7:4-6 Jl '60.

Put industrial plants into operation with greater speed. Transp.stroi. 10 no.6:1-3 Je '60.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Frunze, Kirghizistan; Moscow, Riga; Ukraine)

Appeal of members of the conference of young specialists of the Leningrad Automotive Transportation Administration to all specialists of automotive transportation organizations of the Ministry of Automotive Transportation and Highways of the R.S.F.S.R. Avt.transp. 38 no.7:5 Jl '60.

Automotive transportation and regional planning. I.Silvek, I.Ostrovskii, N.Tiutiun. Stroi.i arkhit. 8 no.7:9 Jl '60.

Every trailer should be in operation. Avt.transp. 38 no.7:8 Jl '60

Potentialities for the development of automotive transportation. V.Kaz'min. NTO 2 no.7:30 Jl '60.

Urban truck routes. A.Isaev. Arkhit.SSSR no.5:27-31 '60

TRANSPORTATION, AUTOMOTIVE--LABOR PRODUCTIVITY

(see also subdivision under Alma-Ata)

Transition to the seven-hour working day and potentialities for the increase of labor productivity. B.Trostianskii. Avt.transp. 38 no.7:38-40 Jl '60

TRANSPORTATION, AUTOMOTIVE--LAWS AND REGULATIONS

New regulations on centralized management of freight hauling. IA.Bergman, A.Evstratov. Avt.transp. 38 no.7:14-15 Jl '60

TRAPPING

(see also subdivision under Chukchi National Area)

Modified live animal trap for rodents. D.V.Shakhurov. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:229-230 '57

TRAVEL AGENTS see subdivision under Moscow

Letter to the editor. Izv.vys.ucheb.zav.; radiofiz. 3 no.2:344 '60.

TRAVERSES (SURVEYING)

Notes on V.S.Vandalov's article "Permissible length of theodolite traverses in systems with nodal points." M.E.Sedyshev. Geod.i kart. no.6:72-73 Je '60.

TRAWLS AND TRAWLING see subdivision under Great Britain

TREE PLANTING

Generalizing the experience acquired in planting and transplanting some coniferous species in the city of Frunze. T.E.Zolotarev. Izv.AN Kir.SSR.Ser.biol. nauk 1 no.3:49-66 '59.

Green breakwaters. M.Chernenko. Znan.sila 35 no.7:44 Jl '60.

It is time to start an over-all tree planting program. B.V.Kondrashov. Put' i put.khoz. 4 no.7:39 Jl '60

Mechanization of tree planting operations for snow protection. A.IA.Samsitsev. Put' i put.khoz. 4 no.7:40-41 Jl '60.

TREE RINGS

Effect of defoliation on the formation of annual rings in the red ash. V.A.Palandzhian, P.A.Khurshudian, B.M.Abramian. Izv.AN Arm.SSR.Biol.nauki 13 no.1:85-92 Ja '60.

TREE TAPPING

(see also subdivision under Leningrad Economic region)

Change-over of wood-chemical establishments to the 7-hour workday. G.V.Nazarov. Gidroliz.i lesokhim. prom. 13 no.4:24-25 '60.

For further technical progress in the tree-tapping industry. A.F.Shutov. Gidroliz.i lesokhim.prom. 13 no.3:1-3 '60.

Fork for marking out the width of groove belts. G.B. Olovenikov. Gidroliz.i lesokhim.prom. 13 no.3:27 '60.

Organization of experimental production enterprises for long-period resin tapping. A.V.Gordeev. Gidroliz.i lesokhim.prom. 13 no.5:14-16 '60.

Use of chemicals in tree tapping and their effect on the vital activity and growth of woods. P.S.Trefilov. Gidroliz.i lesokhim.prom. 13 no.4:20-21 '60.

TREES

(see also subdivision under Khabarovsk region)

Formation of summer shoots in arboraceous plants and its classification [with summary in English]. I.A. Grudzinskaia. Bot.zhur. 45 no.7:966-976 Jl '60.

Injury of trees and shrubs due to sharp drops in temperature during the vegetative period. V.I.Tkachenko. Biul.Glav.bot.sada no.36:13-16 '60.

"Key for the identification of trees and shrubs in a leafless state" by A.L.Novikov. Reviewed by V.L.Sucheptal'ev. Bot.zhur. 45 no.6:925-928 Je '60

Landscape gardening in Dzhezkazgan. N.L.Semiotrochova. Izv.AN Kazakh.SSR.Ser.bot.i pochv. no.3:75-86 '60.

Nekrasov, V.I. [Pre-sowing cultivation of forest-tree seeds at low temperatures] Predposevnaia obrabotka semian lesnykh drevesnykh porod ponizhennymi temperaturami. Moskva, Izd-vo Akad.nauk SSSR, 1960. 105 p.

Program for studying the genetic nature of forest tree varieties under acclimatization. V.I.Nekrasov. Izv. Sib.otd.AN SSSR no.5:77-87 '60

Results of studies on nitrogen and mineral leaching from tree crowns by rain. I.K.Sviridova. Dokl.AN SSSR 133 no.3:706-708 Jl '60.

Tkachenko, V.I. [Trees and shrubs of the North American flora in the botanical garden of Frunze] Derev'ia i kustarniki severoamerikanskoi flory v usloviiakh Botanicheskogo sada goroda Frunze. Frunze, Izd-vo Akad.nauk Kirgizskoi SSR, 1960. 129 p.

TREES--WATER REQUIREMENTS

(see also subdivision under Azerbaijan)

The problem of stag-headedness in the arid forest tracts of northern Kirghizistan. I.G.Karata-Korbut. Izv.AN Kir.SSR.Ser.biol.nauk 1 no.3:37-47 '59.

TREMATODA

(see also subdivision under Dnieper River; Omsk Province, Tuva Autonomous Province)

Biology of the trematodes Strigea strigis (Schrank, 1788) and Strigea sphaerula (Rud., 1803). V.E.Sudarikov. Trudy Gel'm.lab. 10:217-226 '60.

Experimentally obtained sexually mature metacercaria of Tetracotyle ardeae (Trematoda, Strigeidae). V.E.Sudarikov. Trudy Gel'm.lab. 10:227-230 '60.

TRET'IAKOVA, EVGENIIA NIKOLAEVNA, 1890-

Evgeniia Nikolaevna Tret'iakova. Vop.okh.mat.i det. 5 no.4:94 Jl-Ag '60

TRENT AFFAIR, NOV. 8, 1861

The Trent Affair and Russian public opinion. I.IA.Levitas. Uch.zap.GGU no.51:81-86 '59.

TREPONEMA PALLIDUM

Effect of aqueous extract of propolis on pathogenic Leptospira and Treponema pallidum [with summary in English]. Z.Kh.Karimova. Antibiotiki 5 no.1:122-124 Ja-F '60.

TRIALS (ESPIONAGE)

[The trial of Francis H. Powers, American flier and spy, August 17-19, 1960] Sudebnyi protsess po ugolovnomu delu amerikanskogo letchika-shpiona Frensisa G. Pauersa, 17-19 avgusta 1960 goda. Moskva, Gos.izd-vo polit.lit-ry, 1960. 183 p.

TRIANGULATION

Barshai, S.E. [Adjustment of the figures in triangulation by the use of formulas] Uravnoveshivanie tipovykh figur trianguliatsii po gotovym formulam. Moskva, Izd-vo geod.lit-ry, 1960. 150 p.

Direction adjustment in triangulation networks. I.I.Kupchinov. Geod.i kart. no.5:10-17 My '60

Planning second-and third-order triangulation networks. S.M.Gornykh. Geod.i kart. no.6:24 Je '60.

Work of a mixed reconnaissance and construction brigade in a mountain region. L.N.Sergeev. Geod.i kart. no.5:25-26 My '60

TRIANGULATION SIGNAL TOWERS

Use of portable pyramids in making observations from second- and third-order triangulation points. Z.S. Khaimov. Geod.i kart. no.5:17-22 My '60

TRIAZENE

Thiazolotetrazoles and triazenes synthesized from them. V.IA.Pochinok, S.D.Zaitseva. Ukr.khim.zhur. 26 no.3:351-355 '60.

TRIAZINE

Detonation parameters of trotyl - hexogen mixtures. A.N. Dremin, G.A.Adadurov. Izv.AN SSSR.Otd.khim.nauk no.6:1130-1131 Je '60.

Effect of lowered temperature on regeneration in amphibians and the resistance of the regenerate under these conditions to the cytostatic effect of novoembichin and triethyleniminotriazine. E.Ch.Pukhal'skaia. Biul. MOIP.Otd.biol. 65 no.3:144 My-Je '60

Optical investigation of the molecular structure of S-triazine derivatives. Part 6. E.N.Boitsov, A.I.Finkel'shtein. Opt.i spektr. 9 no.1:51-56 Jl '60.

Preparation of bis-2,4-ethylamino-6-chloro-sym-triazine. D.Matolcsi, L.Gerög, A.Veg. Zhur.prikl. khim. 33 no.5:1221-1226 My '60.

TRICHINA AND TRICHINOSIS

Clinical aspects and treatment of nervous system diseases in trichinosis. L.B.Narinskii. Voen.-med.zhur. no.6:83 Je '60.

Muscular phase of acquired immunity in trichinosis. K.P. Matov. Trudy Gel'm.lab. 10:134-142 '60.

Role of rodents and insectivorous mammals in the maintenance of natural foci of trichinosis [with summary in English]. IU.A.Berezantsev. Zool.zhur. 39 no.6:832-837 Je '60.

TRICHOCEPHALIASIS

Functional significance and origin of the differentiation of the body of Trichocephalus into the filamentous anterior and thickened posterior part [with summary in English]. P.G.Oshmarin. Zool.zhur. 39 no.7:1091-1092 Jl '60.

TRICHOMONIASIS see subdivision under Alma-Ata Province

TRICYCLOHEXANONE

Condensation of aldehydes and ketones. Part 6: Conversion of phenyl- and furyltricyclohexanolones into 9-phenyl- and furylhydroacridines. M.N.Tilichenko, V.G. Kharchenko. Zhur.ob.khim. 30 no.7:2283-2285 Jl '60.

TRIETHYLAMINE

Heat capacity of separating solutions of triethylamine in light and heavy water [with summary in English]. V.P.Skripov, V.M.Kostin. Zhur.fiz.khim. 34 no.7:1503-1507 Jl '60.

TRIGONOMETRICAL FUNCTIONS

Sinakevich, S.V. [Trigonometrical functions] Trigonometricheskie funktsii; posobie dlia uchitelei. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR, 1959. 177 p.

TRILOBITES

Chernysheva, N.E. [Upper Silurian and Devonian trilobites of the Kuznetsk Basin] Verkhnesiluriiskie i devonskie trilobity Kuznetskogo basseina. Moskva, Gos.izd-vo geol. lit-ry, 1959. 71 p.
(CU)

TRITICUM-AGROPYRON HYBRIDS

Branched-ear Triticum-Agropyron hybrids. N.V.TSitsin, V.F.Liubimova. Biul.Glav.bot.sada no.36:3-10 '60.

TRITIUM

Use of tritium in the determination of the relative rate constants of the cleavage of organic hydrogen. Reactivity of carbon - hydrogen bonds of n-heptane [with summary in English]. V.L.Antonovskii, I.V.Berezin. Zhur.fiz.khim. 34 no.6:1286-1293 Je '60.

TRITIUM—ANALYSIS
Determination of tritium [with summary in English] G.N. Prusov, N.A. Aladzhalova. Zhur. anal. khim. 15 no.2:238-239 Mr-Ap '60.

TRITONS (TRITIUM IONS)
High energy deuterons and tritons in photonuclear reactions [with summary in English] V.P. Chizhov. Zhur. eksp. i teor. fiz. 38 no.3:909-910 Mr '60.

TROFIMOV, FEDOR A
Mironov and his friends ("Load of birch firewood" by Fedor Trofimov. Reviewed by M. Rotner) Sov. pech. no.6:41-42 Je '60.

TROLLEY BUSES
(see also subdivision under: Crimea, Moscow)
Fluorescent lighting of double-unit trolley buses. IA.B. Zil'berblat, V.G. Koriagin, O.G. Kortarin. Gor. khoz. Mosk. 34 no.7:36-38 Jl '60.

TROLLEY BUSES—CONGRESSES
Conference to discuss the new "Technical rules on the operation of streetcars and trolleys." D.K. Tomilinovich. Elektrichestvo no.6:88 Je '60.

TROLLEY BUSES—MAINTENANCE AND REPAIR
New regulations for maintaining and operating streetcars and trolley buses. V. Volochnev. Zhil.-kom. khoz. 10 no.6:11-12 '60.

TROPICAL PLANTS
Tropical plants in aquariums. L.G. Nazarov. Priroda 49 no.7:108-110 Jl '60.

TROUT see subdivision under Issyk-Kul'

TRUCK TRAILERS see subdivision under Irbit

TRUSKAVETS—KIDNEYS—DISEASES
Treatment of patients with chronic nephritis at the Truskavets health resort. M.A. Dudchenko. Vrach. *med. zhur.* no.6:49-52 Je '60.

TRUSKAVETS—MINERAL WATERS
Mazurenko, G.I. [Diseases of the liver and the biliary tracts and their treatment at the Truskavets Health Resort] Zakhvoriuvannia pechinky i zhovchnykh putei i ikh likuvannia na kurorti Truskavets. [L'vov] Izd-vo L'vovskogo univ., 1960. 92 p.
(DNLM)

TRUSTS, INDUSTRIAL see subdivision under Great *Britain; United States*

TRYPANOSOMIASIS
Cultivation of trypanosomes in chick embryos. V.I. Novinskaia. Trudy Inst. zool. AN Kazakh. SSR 12:70-81 '60.
Evolution and phylogeny of flagellate parasites in the blood (Haemoflagellata) [with summary in English] S.A. Grom. Zool. zhur. 39 no.7:961-977 Jl '60.
Natural foci of human trypanosomiases [with summary in English]. C.A. Hoare. Zool. zhur. 39 no.6:801-810 Je '60.

TSAKHURS
Materials on the ethnology of the Rutuls and the Tsakhurs. M.M. Ikhilov. Krat. soob. Inst. etn. no.34:24-30 '60.

TSIMLYANSK HYDROELECTRIC POWER STATION
Automatic control of frequency and power at the Tsimlyansk Hydroelectric Power Station. N.V. Paulin, A.G. Tikhimov, V.M. Pokrovskii. Elek. sta. 31 no.6:59-60 Je '60

TSIMLYANSK RESERVOIR
Reservoir influence on hydrological and hydrochemical conditions in the lower course of rivers. L.K. Shelomov, M.K. Spichak. Dokl. AN SSSR 133 no.2:457-460 Jl '60.

TSIMLYANSK RESERVOIR—COAST CHANGES
Using materials of aerial photographic surveying in studying the Tsimlyansk Reservoir. N.N. Sokolov. Trudy GGI no.74:55-70 '60.

TSITOVICH, HENADZI IVANOVICH, 1910-
A life devoted to songs. E. Rakava. Belarus' 17 no.8:17 Ag '60.

TSIURUPA, E
Truthful narrative about a journalist ("Siberian fires" by E. Tsiurupa. Reviewed by Lev Mar) Sov. pech. no.6:42 Je '60

TSKHALTUBO—HEALTH RESORTS, WATERING PLACES, ETC.—HEATING AND VENTILATION
Pump-operated heat-supply system at the Tskhaltubo health resort. G.V. Kolpakov, G.A. Kotetishvili. Vod. i san. tekh. no.8:5-8 Ag '60.

TSMOKALENKO, DMYTRO
Fathers and sons ("Years of austerity"; a tale by Dmytro Tsmokalenko. Reviewed by Miroslava Gurladi) Sov. Ukr. 10 no.7:182-184 Jl '60.

TUAPSE DISTRICT—ROCKS, IGNEOUS
Geological and petrographical survey of magmatic rocks in the Pshish-Tuapse interfluve, northwestern Caucasus. A.M. Borsuk. Trudy IGEM no.27:210-228 '60.

TUARKYR—HORSETAIL, FOSSIL
New species of Equisetales from the middle Jurassic of western Turkmenia. A.I. Turakova. Paleont. zhur. no.2:149-152 '60.

TUBERCULIN
Experimental study of the combined action of phthivazid and tuberculin in the treatment of tuberculous diseases of the eyes. I.IA. Khomiak. Pat., klin. i terap. tub. no.8:235-240 '59.
Phthivazid and tuberculin treatment of patients with tuberculous diseases of the eyes. P.A. Khomiak. Pat., klin. i terap. tub. no.8:232-236 '59.
Some problems of tuberculin diagnosis and tuberculin therapy in the clinical aspects of tuberculosis of the eye. I.IA. Khomiak. Pat., klin. i terap. tub. no.8:247-254 '59.
Tuberculin therapy by means of electrophoresis. Z.M. Orlova. Pat., klin. i terap. tub. no.8:158-161 '59.
Tuberculin therapy in intraocular tuberculosis. A.A. Bel'tiukova. Pat., klin. i terap. tub. no.8:217-224 '59.

TUBERCULOSIS
(see also subdivision under Gomel', Kazakhstan)
Acute miliary tuberculosis in young persons. V.P. Rudin, R.D. Okhrimenko. Pat., klin. i terap. tub. no.8:102-106 '59.
Amyloidosis of the internal organs in primary and postprimary tuberculosis. P.T. Shlapak. Pat., klin. i terap. tub. no.8:258-262 '59.
Blood gases in lung resections in pulmonary tuberculosis patients. A.I. Gofman. Pat., klin. i terap. tub. no.8:298-302 '59.
Blood protein fractions in children in various forms of pulmonary tuberculosis treated with antibacterial preparations. Z.V. Barkanova, R.P. Vel'tman. Pat., klin. i terap. tub. no.8:39-40 '59.
Blood proteins in patients with fibrous cavernous tuberculosis. R.M. Lakhalinskaia, R.P. Vel'tman. Pat., klin. i terap. tub. no.8:41-44 '59.
Blood transfusion as a method of stimulating therapy for patients with tuberculosis. V.P. Rudin, N.I. Grib. Pat., klin. i terap. tub. no.8:161-165 '59.
Candidamycosis in the clinical aspects of pulmonary tuberculosis. T.I. Konchakovskaia, V.A. Kuznetsova. Pat., klin. i terap. tub. no.8:267-269 '59.
Causes of the ineffectiveness of lung collapse surgery in pulmonary tuberculosis. G.G. Gorovenko and others. Pat., klin. i terap. tub. no.8:377-384 '59.
Change in external respiration in connection with surgery for the removal of a tuberculous lung. Report No.1. V.P. Nikolaeva. Pat., klin. i terap. tub. no.8:300-304 '59.
Change in immunologic reactions in patients with pulmonary tuberculosis following surgery. I.P. Chernushenko. Pat., klin. i terap. tub. no.8:110-114 '59.
Changes in the blood protein fractions in guinea pigs under the influence of vaccination and infection with tuberculosis. R.M. Lakhalinskaia, R.P. Vel'tman, I.L. Chernushenko. Pat., klin. i terap. tub. no.8:78-82 '59.
Changes in the degree of oxygen saturation of the blood in pulmonary tuberculosis patients under the influence of chest surgery. P.I. Kal'chinskii, B.S. Kokhov. Pat., klin. i terap. tub. no.8:285-288 '59.
Characteristics of recrudescences in patients with cavernous pulmonary tuberculosis following antibacterial treatment of short duration. B.P. IAshchenko. Pat., klin. i terap. tub. no.8:121-125 '59.
Clinical aspects and treatment of spontaneous pneumothorax. V.V. Trofimova. Pat., klin. i terap. tub. no.8:179-183 '59.
Clinical forms of tuberculous polyserositis. N.B. Shcherbak. Pat., klin. i terap. tub. no.8:107-109 '59.
Compound treatment of experimental tuberculosis with antibacterial drugs (streptomycin and paraaminosalicylic acid) and with a stimulator (muskulin) G.D. Popov. Pat., klin. i terap. tub. no.8:240-250 '59.
Condition of the structures of interorganic innervation mechanisms of the striated muscles in experimental tuberculosis. V.K. Zhgenti, N.I. Kalandadze, Tn.V. Gachechiladze. Soob. AN Gruz. SSR 24 no.4:479-484 Ap '60.
Diagnostic significance of the Congo red test in general amyloidosis in patients with pulmonary tuberculosis. P.T. Shlapak. Pat., klin. i terap. tub. no.8:255-258 '59.
Dispensary treatment of chronic forms of pulmonary tuberculosis without stopping work. N.I. Kivelevich, S.I. Hunina, G.A. Soplev. Zdrav. Belor. 4 no.1:54 Mr '60.
Effectiveness of sanatorium treatment of pulmonary tuberculosis patients with chronic pneumopleuritis. K.P. Prosvirnov. Sov. zdrav. Kirg. no.1:40-45 Ja-F '60.
Effectiveness of treating pulmonary tuberculosis under dispensary conditions with consideration of functional changes. L.B. Akselrod, L.S. Kuz'mich. Pat., klin. i terap. tub. no.8:114-117 '59.
Effectiveness of treatment of pulmonary tuberculosis in children and adolescents in the "Dubenai" sanatorium. B.P. Grom-Topor, D.S. Kononova. Zdravookhranenie 3 no.3:39-43 My-Je '60.
Experimental investigation of the combined drug therapy of tuberculosis. M.I. [illegible]. Pat., klin. i terap. tub. no.8:244-247 '59.
Further investigations on the problem of late results in the treatment of pulmonary tuberculosis with antibacterial preparations. G.D. Popov. Pat., klin. i terap. tub. no.8:170-174 '59.
Gas exchange and oxygen saturation of the blood in tuberculosis patients in relation to lung resections. V.P. Nikolaeva. Pat., klin. i terap. tub. no.8:[illegible] '59.
Granulocyte composition of the blood in patients with destructive forms of pulmonary tuberculosis. A.I. Gofman. Pat., klin. i terap. tub. no.8:[illegible] '59.
Healing of postoperative wounds in pulmonary tuberculosis. S.I. [illegible]. Pat., klin. i terap. tub. no.8:331-337 '59.
Hemodynamic disturbances following the use of therapeutic pneumoperitoneum. [illegible]. Pat., klin. i terap. tub. no.8:[illegible] '59.
Higher nervous activity in tuberculosis before surgery. A.A. [illegible]. Pat., klin. i terap. tub. no.8:[illegible] '59.
Immediate and late results of antibacterial therapy of pulmonary tuberculosis. [illegible]. Pat., klin. i terap. tub. no.8:[illegible] '59.
Immediate results of treating patients with newly detected destructive pulmonary tuberculosis. A.N. [illegible]. Pat., klin. i terap. tub. no.8:[illegible] '59.
Influence of tissue therapy in the complex treatment of pulmonary tuberculosis on the [illegible] of the body. M.A. [illegible]. Pat., klin. i terap. tub. no.8:[illegible] '59.
Miliary tuberculosis in middle-aged and elderly people. V.P. Rudin, R.D. Okhrimenko. Pat., klin. i terap. tub. no.8:107-108 '59.
Morphology of healing in infiltrative pulmonary tuberculosis. [illegible]
Neurohumoral changes in the blood [illegible] following [illegible]
Our experience in [illegible]
[illegible]
Place of the [illegible]
[illegible]
Residual [illegible]
Respiration in [illegible]
Results of treating infiltrative [illegible] tuberculosis [illegible] with antibacterial drugs [illegible] [with Russian summary] [illegible]
Results of the [illegible] infection [illegible]
Some problems in the clinical aspects [illegible] treatment of [illegible]
Streptomycin therapy [illegible] tuberculosis [illegible] of immunity [illegible]
Sulfamethine treatment of [illegible] tuberculosis patients [illegible]
Tomographic [illegible] tuberculosis [illegible]
Tomographic investigation [illegible]
Transition from [illegible]
Treatment of patients with [illegible]
"Treatment of [illegible]
Treatment of [illegible]
Use of [illegible]

TUBERCULOSIS—HOSPITALS AND SANATORIUMS
(see also subdivision under China)
Urgent problems [illegible]

Calculating the radial groove section for the cold rolling of tubes IU. F Shevakin Trudy NTO chern met 15 83-92 '59

Drawing of steel tubes without drying. Z. A. Grinberg. Trudy NTO chern. met. 15:105-112 '59

Investigating the nonuniformity of wall thickness in the automatic method of tube production. IA. L. Vatkin, I. D. Kronfel'd, S. V. Rozhnov. Trudy NTO chern. met. 15:67-82 '59.

Technological process and equipment for tube production V. A. Zarak TSvet met 33 no. 7 91-94 Jl '60

TUBERS

Significance of gibberellin for tuber formation [with summary in English]. V. I. Razumov. Bot. zhur. 45 no. 7: 939-950 Jl '60.

TUFA see subdivision under Vilyuy Valley

TUGBOATS

Petroleum fleet operations according to the principle of permanently attaching tows to the barges. I. Dubrovin, V. Safronov. Rech. transp. 19 no. 5:10-12 My '60.

TULA—ACCORDION

The Tula accordion is disfigured. A. Morov. Ogonek 38 no. 26:17 Je '60.

TULA—GUNSMITHING

The 18th century life account of a bourgeois gunsmith from Tula. O. E. Vol'tsenburg. Trudy Gos. Erm. 3:93-100 '59.

TULA—KINDERGARTENS

Our best institutions P. M. Zakharevskii. Doshk. vosp. 33 no 5 64-65 My '60.

TULA—THEATER

"First snowfall." N. Smoliiakhin. Teatr 21 no. 8:110-120 Ag '60.

TULA PROVINCE—INDUSTRIES

Bakulov, G. D., and D. G. Solomentsev. [Industry of the Tula Economic Region] Promyshlennost' Tul'skogo ekonomicheskogo raiona. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 360 p.

TULAREMIA

(see also subdivision under Buryat-Mongolia; Irkutsk Province; Krasnoyarsk Territory; Nerchinsk District, Chita Province; Nizhneudinsk District; Staraya Barda District; Yakutia)

Diagnostic significance of the method of repeated passages in white mice in the isolation of Bact. tularense cultures of varying virulence. N. G. Olsuf'ev, M. P. Tereshchenko Izv. Irk. gos nauch -issl. protivochum. inst. 14 60-78 '57.

Epizootic and outbreak of tularemia in the Baikal-Kudar muskrat breeding farm of the Buryat-Mongol A. S. S. R. M. I. Antsiferov, F. P. Potapova, T. G. Lisnik. Izv. Irk. gos. nauch. -issl. protivochum. inst. 15:205-209 '57.

From the editors. Izv. Irk. gos. nauch. -issl. protivochum. inst. 19:166 '58.

Mechanism of immunity in tularemia. Report no 1: Immunity following vaccination with an attenuated strain in conjunction with the use of antibacterial doses of streptomycin. V. L. Titova, E. P. Potapova. Izv. Irk. gos. nauch. -issl. protivochum. inst 14.60-65 '57

Role of the microorganism in immunity to tularemia. V. S. Kolesnik. Izv. Irk. gos. nauch. -issl protivochum. inst 20:237-245 '59.

Survival time of the causative agent of tularemia in immune white mice. N. D. Alterova, E. P. Potapova. Izv. Irk gos. nauch -issl. protivochum. inst. 14 53-59 '57.

Tularemia outbreaks in the U. S. S. R. from 1921 to 1942. N. V. Nekipelov. Izv. Irk gos nauch. -issl. protivochum. inst. 20.133-146 '59.

TUMANIAN, OVANES, 1869-1923

Tumanian's quatrains [in Armenian with summary in Russian]. Kh. S. Sarkisian. Ist. -filol. zhur. no. 4:80-85 '59.

TUMORS

Appearance of tumors in dogs following "disruption" of the nervous system. K. M. Kalmykova, O. M. Nosalevich. Vrach. delo no. 7:68-71 Jl '60.

Influence of methionine on the distribution of Se75 in the organs and its renal excretion in healthy rats and in animals with sarcoma 45 [with summary in English] N. M. Fil'chagin. Pat. fiziol. i eksp terap. 4 no 3:40-49 My-Je '60

Some controversial questions of the viral etiology of tumors. A. G. Varshavskii. Pat. fiziol. i eksp. terap. 4 no. 3:74-76 My-Je '60.

TUMORS, PLANT

Phytooncology. V. L. Ryzhkov. Priroda 49 no. 7:31-36 Jl '60.

TUNDRAS

"Physiological aridity" of habitat in tundras. K. V. Zvorykin, N. L. Chepurko. Vop geog. no. 48 242-255 '60.

Characteristics of the oxidation of tung oil. G. L. IUkhnovskii, B. M. Rudenko. Masl. -zhir. prom. 26 no. 7. 26-29 Jl '60.

TUNGLIAO—RODENTIA—DISEASES AND PESTS

Finding of Daurian hamsters, field mice, and weasels spontaneously infected with plague. I. F. Tereshchenko, Z. S. Volchenkova, V. V. Shkilev. Izv. Irk. gos. nauch -issl. protivochum. inst. 15:79-82 '57.

TUNGSTEN

Effect of small amounts of tungsten impurities on self-diffusion of iron. V. V. Sanadze, K. G. Tatrishvili. Izv. vys. ucheb. zav.; fiz. no. 3:93-96 '60.

Precision measurements of unit cell parameters (determination of the parameter of tungsten). M. M. Umanskii, V. V. Zubenko, Z. K. Zolina. Kristallografiia 5 no. 1: 51-55 Ja-F '60.

Preparation of large single crystal tungsten cathodes. U. V. Azizov, V. M. Sultanov. Trudy SAGU no. 148:91-98 '59.

Study of the changes in thermoionic properties of rhenium coated tungsten cathode. M. I. Smorodinova, E P. Sytaia. Trudy SAGU no. 148:9-22 '59

System W - WS_2. S. A. Shchukarev, M. P. Morozova, Kh. Damon. Zhur. ob. khim. 30 no. 7:2102-2104 Jl '60.

TUNGSTEN—ANALYSIS

Determination of tungsten in alloys containing niobium I. P. Kharlamov, P IA. IAkovlev, M. I Lykova. Zav lab. 26 no 7:786-787 '60.

Separation of titanium from tungsten by ion exchange chromatography [with summary in English] D I Riabchikov, V E Bukhtiarov Zhur anal. khim 15 no. 2 242 Mr-Ap '60

TUNGSTEN CHLORIDE

Properties of tungsten hexachloride alcohol solutions and films produced from them. Z. V. Shirokshina, N. V. Sutkovskaia. Zhur. prikl. khim. 33 no. 5 1001-1008 My '60.

TUNGSTEN-NICKEL-CHROMIUM ALLOYS see Nickel-chromium-tungsten alloys

TUNGSTEN-RHENIUM ALLOYS

Regeneration of rhenium from rhenium-tungsten alloy wastes. G. I. Abashin. TSvet. met. 33 no. 5:69-70 My '60.

TUNGSTEN STEEL—METALLOGRAPHY

Dependence of carbon concentration in the solid solution of tungsten steel on induction heating parameters. I. N. Kidin. Sbor. Inst. stali no. 39:315-324 '60.

TUNGSTEN SULFIDE

System W - WS_2. S. A. Shchukarev, M. P. Morozova, Kh. Damon. Zhur. ob. khim. 30 no. 7:2102-2104 Jl '60.

TUNKINSKIYE GOL'TSY—SAXIFRAGE

A new species of the genus Saxifraga L. (section Boraphila Engl.). L. I Malyshev. Bot. mat. Gerb. 20:183-185 '60.

TUNNELING

(see also subdivision under Mont Blanc; United States)

Data on the inspection of precast tunnel linings. N. V. Smirnov. Transp. stroi. 10 no. 5:43-45 My '60.

Estimating the stability of rocks in tunneling. I. N. Shubin. Transp. stroi. 10 no. 5:45-47 My '60.

Future tunnel and subway builders. I. Ogloblin. Znan. sila 35 no. 5:25-26 My '60.

Mechanized rock excavation in tunnel construction. P. A. Chasovitin, N. E. Cherkasov. Transp. stroi. 10 no. 6: 15-19 Je '60.

Subway builders. E. Reznichenko. Mast. ugl. 9 no. 7: 22-23 Jl '60.

TUNNELS

(see also subdivision under Gibraltar)

Seepage calculations for hydraulic tunnels. G. M. Lomize, V. M. Nasberg. Izv. VNIIG 58:162-176 '58.

TURBANOV, PAVEL VASIL'EVICH, 1905-1960

Pavel Vasil'evich Turbanov; obituary (1905-1960). M. V. Kulikov Sov. geol 3 no 5:138 My '60.

TURBIDITY

Use of Orlov's bathometer in measuring turbidity under laboratory conditions B M Levin, N. A Mikhailova. Trudy MIIT no. 107:47-69 '60.

TURBINES

(see also subdivision under Leningrad)

Cast austenite steels for stationary steam and gas turbines. G. P. Fedortsov-Lutikov and others. [Trudy] TSNIITMASH 100:163-191 '60.

Determining the deflection of the rotor of a turbine during the transition through the first critical speed. M. I. Lappa. Energomashinostroenie 6 no. 7:9-12 Jl '60.

Selecting a tolerance zone for blade pitches and determining effective clearance between the bearing surfaces of teeth of multibearing base joints of turbine blades. Ch. G. Mustafin, B. P. Sokolov. Izv. Sib. otd. AN SSSR no. 1:41-55 '60.

(see also subdivision under Leningrad)

Forming the blading by undercutting the blades of the initial stage. A. M. Zavadovskii, Kh. L. Babenko, V. A. Agafonov. Energomashinostroenie 6 no. 7:19-21 Jl '60

TURBODRILLS

(see also subdivision under Hungary)

Analyzing diagrams of automatically controlled turbodrills, comments on A. A. Minin's article published in "Neftianoe khoziaistvo" no. 10, 1959. M. G. Eskin. Neft. khoz. 38 no. 3:23-27 Mr '60.

New design of a turbodrill. N. B. Babaev. Neft. khoz. 38 no. 1.36-38 Ja '60.

Reduction turbodrill for deep well drilling. G. A. Liubimov. Neft. khoz. 38 no. 1:38-43 Ja '60.

Stress distribution in turbodrill parts. N. I. Melik-Gaikazova. Neft. khoz. 38 no. 6.41-45 Je '60.

Using deflected sectional turbodrills for increasing deep slant hole drilling rates. A. A. Movsumov, G. E. Karasik Neft. khoz. 38 no. 6:36-40 Je '60

Using sectional turbodrills at pressures of 180-200 atmospheres. N. V. Nikanorov. Neft. khoz. 38 no. 3:11-13 Mr '60.

TURBOGENERATORS

End packings of a turbogenerator shaft with conical carrying surface I IA. Tokar' Vest elektroprom 31 no 6 60-63 Je '60

Five Volkhov electric power stations in one unit. S. Lipchin. IUn. tekh. 4 no. 5:6 My '60.

New method for controlling electric currents in the bearings of turbogenerators. L. D. Klapchuk. Elek. sta. 31 no. 6:78-79 Je '60.

Testing of TV2-100-2 turbogenerators which use AGP-1 automatic field quenching apparatus. E. S. Gaba, I. N. Petrushevskii. Elek. sta. 31 no. 4:87-89 Ap '60.

Working drawing of the TVM-60 turbogenerator. K. K. Chernev. Elek. sta. 31 no. 6:90-91 Je '60.

TURBOGENERATORS—COOLING

Improvement in the ventilation at the ends of rotor windings of turbogenerators. S. I. Khazan. Elek. sta. 31 no. 4:81-82 Ap '60.

TURBOGENERATORS—WINDINGS

Analysis of data on the aging of stator insulation of a large turbogenerator. A. V. Gritsenko, G. I. Lysakovskii. Elek. sta. 31 no. 4:82-85 Ap '60.

Defects in soldered connections of turbogenerator stator windings and measurements taken to correct them. IA. S. Urintsev. Elek. sta. 31 no. 4:85-87 Ap '60.

TURBOMACHINES

Approximate evaluation of the critical speed of a rotor-antifriction bearings system of high-speed turbomachines. E. V. Korovkin. Vest. mash. 40 no. 7:19-24 Jl '60.

TURBULENCE

Combustion of atomized liquid fuel in a turbulent air flow [with summary in English] E. K. Chekalin. Inzh -fiz. zhur no. 6:87-90 Je '60.

Homogeneous rapid deformation of turbulence in a gas. V. A. Frost. Dokl. AN SSSR 133 no. 4.773-776 Ag '60.

Similitude laws for a turbulent boundary layer on a flat plate [with summary in English]. K. V. Grishanin. Inzh. -fiz. zhur. no. 2:32-35 F '60.

Structure of large-scale pulsations in open streams. V. M. Makkaveev. Trudy GGI no. 74:3-21 '60.

TURGAY GATES—PALEOBOTANY

Kornilova, V. S. [Lower Miocene flora of Kushuk (Turgay Gates)] Nizhnemiotsenovaia flora Kushuka (Turgaiskii progib). Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1960. 128 p., illus.

TURGAY VALLEY—LAKES

Kustanay Lake Expedition. G. G. Rybakov. Vest. AN Kazakh. SSR 16 no. 5:91 My '60.

TURGAY VALLEY—PHYSICAL GEOGRAPHY

Structural analysis of steppe and semidesert land forms based on materials from aerial photography. V. A. Nikolaev. Vest. Mosk. un. Ser. 5: Geog. 15 no. 3:15-21 My-Je '60.

TURGENEV, IVAN SERGEEVICH, 1818-1883

On the question of portraying the people in "A sportsman's sketches" by I. S. Turgenev. ZA. Vorob'eva. Uch. zap. Ped. inst Gerts. 210:27-46 '59

TURGOT, ANNE ROBERT JACQUES, 1727-1781

The historical process in the works of Turgot. N. P. Sokolov. Uch. zap. GGU no. 51:23-50 '59.

TURGUNBAEVA, MUKARRAM

Mukarram Turgunbaeva. D. Aleksandrov. Uzbekiston 18 no. 6:22 Je '59.

TURKA DISTRICT—UKRAINIAN LANGUAGE—DIALECTS

Some morphological characteristics of Ukrainian dialects in the Turka District of Lvov Province. D. H. Bandrivs'kyi. Dosl. i mat. z ukr. movy 2:3-11 '60.

TURKESTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Role of the Turkestan Commission in the consolidation of the Soviet Government in Central Asia in 1919-1920. A.I.Ishanov. Izv.AN Uz.SSR.Ser. obshchestv. nauk no.3:11-19 '60.

TURKESTAN—REVOLUTION, 1917-1921—FOOD QUESTION
The creation and operation of food supply detachments in the Turkestan A.S.S.R. in 1920-1921. A.R.Rakhimov. Izv.AN Uz.SSR.Ser.obshchestv.nauk no.3:20-21 '60.

TURKEY—CENTAUREA
Two new species of the genus Centaurea L., section Pseudophelloides (Boiss.) D. Sosn. from Turkey. N.N. Tsvelev. Bot. mat. Gerb. 20:400-401 '60

TURKEY—DESCRIPTION AND TRAVEL
Touring the roads of the world. Jiri Hanzelka, Miroslav Zikmund. Vokrug sveta no.6:16-19 Je '60.

TURKEY—FOREIGN RELATIONS—RUSSIA
Economic cooperation between the U.S.S.R. and Turkey in 1923-1925. I.I. Chernikov. Ukr. ist. zhur. 4 no.4: 51-64 Jl-Ag '60
From the history of Soviet-Turkish relations in 1926-1929. P.G.Saakian. Izv.AN Arm.SSR.Obshchestv. nauki no.2:17-26 '60.
In the Turkey of Ataturk. S. Aralov. Mezhdunar. zhizn' 7 no.8:113-119 Ag '60
Live in peace and friendship. D. Potskhverija. Sovr. Vost. no.7:33-34 Jl '60.
The principles of Ataturk. Iu.Plotnikov. Nov.vrem. 18 no.29:29-30 Jl '60.

TURKEY—POLITICS AND GOVERNMENT
Live in peace and friendship. D. Potskhverija. Sovr. Vost. no.7:33-34 Jl '60.
The principles of Ataturk. Iu.Plotnikov. Nov.vrem. 18 no.29:29-30 Jl '60.

TURKEY—POPULATION
The population of the Ottoman Empire during the 15th and 16th centuries [with summary in English]. A.D. Novichev. Vest.LGU 15 no.14:39-47 '60.

TURKMEN-KALA DISTRICT—APRICOT
Unusual fruiting of an apricot tree. S.D. Stepanenko. Priroda 49 no.7:95 Jl '60.

TURKMEN POETRY—TRANSLATIONS INTO RUSSIAN
Skosyrev, P.G., ed. [Poetry of Turkmenistan; verse] Poeziia Turkmenii; stikhi. Moskva, Sovetskii pisatel', 1949. 94 p.
(CtY)

TURKMENISTAN—ALGAE
New and interesting blue-green algae from the takyrs. L.N. Novichkova. Bot. mat. Otd. spor. rast. 13:30-34 '60.
New finds of the interesting alga Lochmiopsis sibirica Woronich. et Popova. N.V.Shlubkova. Bot. mat. Otd. spor. rast. 13:69-71 '60.

TURKMENISTAN—ECONOMIC CONDITIONS
The story about the running water. V.Kaupin. Ogonek 38 no.25:8-9 Je '60.

TURKMENISTAN—PARACHUTING
Parachutists of Turkmenia are competing. N.Guseev. Kryl. rod. 11 no.7:6 Jl '60.

TURKMENISTAN—WATER SUPPLY
The story about the running water. V.Kaupin. Ogonek 38 no.25:8-9 Je '60

TURKMENISTAN—WILLOWS
Materials on the morphology and systematics of the willow family. A.K Skvortsov. Bot. mat. Gerb. 20:68-99 '60.

TURNING
Calculating the precision of machining on automatic single-spindle lathes. A.N.Kurapov. Trudy MAI no.110:68-70 '60.
My path to craftsmanship. G.S.Kononov. Blok. agit. [Len.] no.13:20-27 My '60

TURNIPS
Accumulation of chlorophyll a and b and changes in the size and number of chloroplasts in turnip leaves as related to different light qualities. L.V.Kakhnovich. Dokl. AN BSSR 4 no.6:263-264 Je '60.

TURNOVER (BUSINESS)
Using the budget data of collective farm laborers in planning turnover. Iu. Shishkin. Sov. potreb. koop. 4 no.6: 11-43 Je '60

TURPENTINE
(see also subdivision under United States)
Vapor densities of some intermediate products of the wood resin and turpentine industry. N.A.Gurich, V.I.Iliatov, A.N.Komarova. Gidroliz. i lesokhim. prom. 13 no.5:15-17 '60.

TURSUN-ZADE, MIRZO, 1911-
The voice of free Asia ("The voice of Asia" and "Khasan-arbakesh" by Mirzo Tursun-zade. Reviewed by A. Kondratovich). Novyi mir 36 no.6:245-248 Je '60

TURTKUL' DISTRICT—AGRICULTURE—LABOR PRODUCTIVITY
Indices of labor productivity in collective farm production; based on materials of Turtkul' District, Kara-Kalpak A.S.S.R. collective farms. V. M. Gabidullin. Izv.AN Uz.SSR.Ser.obshchestv.nauk no.3:3-10 '60.

TUVA AUTONOMOUS PROVINCE—PIKAS
Ecology of Daurian and Mongolian pikas. V.N. Prokopiev. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:110-114 '57.

TUVA AUTONOMOUS PROVINCE—TREMATODA
Helminths of the class Monogenoidea from fishes of the Tuva Autonomous Province. A. A. Spasskii, V. A. Roitman. Trudy Gel'm. lab. 10:198-211 '60

TUYMAZY REGION (BASHKIRIA)—OIL WELL DRILLING
It pays to drill small diameter wells. A.A.Shirokov, L.A.Latypov. Neftianik 5 no.6:7-9 Je '60.

TVARDOVSKII, ALEKSANDR TRIFONOVICH, 1910-
Aleksandr Tvardovskii. G.Plisetskii. Sem'ia i shkola 15 no.6:29 Je '60
On the way. ... I. Motiashov. Moskva 4 no.7:194-197 '60
The prose of Aleksandr Tvardovskii. I. Kuz'michev. Zvezda no.6:201-204 Je '60.
Secrets of a "simple style." A.Turkov. Znamia 30 no.7: 196-200 Jl '60.
Tvardovskii and Soviet poetry. P. Vykhodtsev. Neva no.6:194-198 '60

TWILIGHT
White nights. I. A. Toldin. Nauka i zhizn' 27 no.7:79 Jl '60.

2,4-D
Effect of 2,4-D on pond invertebrates [with summary in English]. L.P. Braginskii, E.P. Beliavskaia. Dop. AN URSR no.4:540-541 '60.

TYMPANIC MEMBRANE—DISEASES
Clinical aspects and expert testimony in granulous myringitis. K.I. Bobrinskov. Voen. med. zhur. no.5: 54-57 My '60.

TYPE AND TYPE FOUNDING
Letters to the editor. Poligr. proizv. no.6:11 Ie '60
Production and use of new type faces. G.H. Gil'e. Poligr. proizv. no.6:10-11 Je '60
Selection of type faces. S.B. Telingater. Poligr. proizv. no.6:7 Je '60
Some problems in making type faces to be used in manual typesetting. A I Filimonov. Poligr. proizv. no.6: 12-14 Je '60
Standardization of type alloys. A. A. Samsonov, V. A. Popov. Poligr. proizv. no.5:21-26 My '60.
What hinders the introduction of new type faces. P. Ch. Bagirov. Poligr. proizv. no.6:8-10 Je '60

TYPESETTING
Some problems in making type faces to be used in manual typesetting. A I Filimonov. Poligr. proizv. no.6: 12-14 Je '60

TYPEWRITERS
Determining the law of motion of typewriter mechanisms. A.S. Nemkevich. Izv.vys.ucheb.zav.; mashinostr. no.5:28-30 '60.

TYPHOID FEVER
Typhoid and paratyphoid bacteria carriage among children as shown by data from pathoanatomical sections. Z.M.Ismenko. Azerb.med.zhur. no.5:58-61 My '60

TYPHOID FEVER—AGGLUTINATION REACTION
Peculiarities of Widal's reaction in typhoid-paratyphoid patients treated with synthomycin. S.I.Shapiro. Kaz. med.zhur. 40 no.5:10 S-O '59.

TYPOLOGY (PSYCHOLOGY)
Some conditions for comparing typological properties and nervous processes according to laboratory and "life" indices. R.I. Sverchkova. Dokl APN no.1: 81-84 '60

TYULENIY ISLAND—SEALS (ANIMALS)
Materials on the population dynamics of fur seals on Tyuleniy Island [with summary in English]. S.V. Dorofeev. Biul. MOIP. Otd. biol. 65 no.1:20-35 Ja-F '60

TYUMEN—INDUSTRIAL SAFETY
"Controlling the implementation of safety measures." Zhil.-kom. khoz. 10 no.6:32 '60

TYUMEN PROVINCE—BAKERS AND BAKERIES
Village bakeries. S.Timokhin. Khleb. i kond. prom. 4 no.7:40 Jl '60.

UDMURT A.S.S.R.—HISTORY
Izhevsk. Udmurtskii nauchno-issledovatel'skii institut istorii, ekonomiki, literatury i iazyka. [Outline history of the Udmurt A.S.S.R.] Ocherki istorii Udmurtskoi ASSR. Izhevsk, Udmurtskoe knizhnoe izd-vo.
Vol 1. 1958
(DNC)

UDMURT A.S.S.R.—INDUSTRIAL MANAGEMENT
Here they are, the potentials! [illegible] no.5:51 [illegible] '60.

UDMURT LANGUAGE—GRAMMAR
Alatyrev, V. I. [Problems of Udmurt linguistics] Voprosy udmurtskogo iazykoznaniia. Izhevsk, Udmurtskoe knizhnoe izd-vo.
Vol 1. 1959. 211 p.

UDMURT LANGUAGE—LEXICOGRAPHY
Alatyrev, V. I. [Problems of Udmurt lexicography] Voprosy udmurtskogo iazykoznaniia. Izhevsk, Udmurtskoe knizhnoe izd-vo.
Vol 1. 1959. 211 p.

UDOKAN REGION—GEOLOGY, ECONOMIC
Considering geomorphological characteristics in the industrial evaluation of deposits of copper [illegible] (Udokan deposit). [illegible] Izv. vys. ucheb. zav.; geol. i razv. [illegible]

UFA—MOTORBUSES
[illegible] '60

UGAMSKIY RANGE—[illegible]
[illegible]

UGANDA—POLITICS AND GOVERNMENT
After the [illegible]

UGANDA—UNIVERSITIES AND COLLEGES
After the [illegible]

UKHTA—EDUCATION, HIGHER
[illegible]

UKRAINE—ADULT EDUCATION
[illegible]

UKRAINE—AGRICULTURAL ADMINISTRATION
[illegible]

UKRAINE—AGRICULTURE
[illegible]

UKRAINE—AGRICULTURE—[illegible]
Prospects for [illegible]

UKRAINE—AMATEUR ART ACTIVITIES
[illegible]

UKRAINE—ARCHAEOLOGY
Out of the depths [illegible]

UKRAINE—ARCHITECTURE
Ukrainian [illegible]

UKRAINE—ARTESIAN WELLS
Construction of [illegible] casing. [illegible] '60.

UKRAINE—ATHEISM
[illegible]

UKRAINE—ATHEISM—CONGRESSES
Republic-wide [illegible]

UKRAINE—ATOMIC [illegible]
Approval of the [illegible] '60.

UKRAINE—AUTHORS AND READERS
Creative meetings. [illegible] 183-188 Ag '60.

[illegible]

[illegible] Ms '60

In the [illegible] office of the Ukrainian S.S.R. [illegible] '60

[illegible] of the Academy of Construction and Architecture [illegible] Ukrainian S.S.R. in 1959 and plans [illegible] 1960 [with summary in English, p. [illegible]] Visnyk AN URSR [illegible] '60

UKRAINE — CONSTRUCTION INDUSTRY — ACCOUNTING

[illegible] for the work [illegible] building machinery and [illegible] Budivel'[illegible] '60

UKRAINE — COLLEGES

[illegible] Ukrainian [illegible] AN URSR [illegible]

[illegible]

UKRAINE — FARM BUILDINGS

Intensify the control of the construction and improvement of [illegible] no. 5 [illegible] My '60

Lenin collective farm is being built [illegible] no. 5 [illegible] My '60

On rural construction sites [illegible] no. 5 [illegible] of cover My '60

UKRAINE — FARM MANAGEMENT

Practice in working out and introducing a scientifically based system of agricultural administration in the Ukraine [illegible] '60

UKRAINE — FARM MECHANIZATION

Tkachenko, O.H. [Mechanization and electrification of agriculture in the Ukraine during the seven year plan] [illegible] Kyiv, 1960. 30 p. [illegible]

UKRAINE — FEEDS

We shall double and triple the output of feeds [illegible] My '60

UKRAINE — FIELD CROPS

We should give particular attention to intertilled crops [illegible] '60.

UKRAINE — FIELD MICE

[illegible]

UKRAINE — FLAX

[illegible]

UKRAINE — FOOD INDUSTRY — EQUIPMENT AND SUPPLIES

[illegible]

UKRAINE — FRUIT CULTURE

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UKRAINE — GYMNASTICS

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UKRAINE — [illegible]

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UKRAINE — HEALTH RESORTS, WATERING PLACES, ETC.

[illegible]

UKRAINE — HEMIPTERA

[illegible]

UKRAINE — HISTORICAL RESEARCH

[illegible]

UKRAINE — HISTORY

[illegible] [the Ukraine] [illegible]

UKRAINE — HYDRAULIC MINING

[illegible]

UKRAINE — INDUSTRIAL ORGANIZATION

[illegible] [Organization of the national economy and its management in the Soviet Ukrainian State, [illegible]] [illegible] Vyd-vo Akad. [illegible] 232 p.

UKRAINE—INDUSTRIES

Good results. Ukraina no.11:? Je '60.

Let's prepare for the plenary session of the Central Committee of the CPSU. Blok agit [Ukr.] no.16:1-8 Je '60.

On the main road. I.S.Savel'iev. Nauka i zhyttia 10 no.7:7-10 Jl '60.

We exceeded the plan for the first quarter, according to information from the Central Statistical Administration attached to the Council of Ministers of the Ukrainian S.S.R. Blok agit [Ukr.] no.11:16-48 My '60.

UKRAINE—JERBOAS

Occurrence of Sicista subtilis in the Ukraine [with summary in English]. K.A.Tatarynov. Dop.AN URSR no.4: 512-514 '60.

UKRAINE—LABOR AND LABORING CLASSES—CONGRESSES

Kiev. Instytut istorii partii. [Ukrainian workers to V.I. Lenin, collected documents] Trudiashchiesia Ukrainy V.I.Leninu, sbornik dokumentov. Kiev, Gos.izd-vo polit.lit-ry USSR, 1960. 371 p.

UKRAINE—LAW

Laws enacted by the rulers of our country. Ukraina no.11:5 Jl '60.

UKRAINE—LIQUOR INDUSTRY

Seminar of the workers of the alcohol, and liqueur and vodka industry of the Ukraine. I.V.Nikolaeva. Spirt. prom. 26 no.5:46-47 '60.

UKRAINE—LOESS

Filtration capacity and deformations due to loads and to the lowering of the water table in loess and loesslike soils in the southeastern part of the Ukraine. I.N. Kruglov. Osn., fund.i mekh.grun. 2 no.1:10-12 '60.

UKRAINE—MACHINERY INDUSTRY

Let's economize metal. M.Bosyaov. Blok agit [Ukr.] no.11:37-41 My '60.

This agitates many people. Georgii Orel. Sov.Ukr. 10 no.7:134-139 Jl '60.

UKRAINE—MARMOTS

Material on the ecology of the baibak in the Ukraine. V.M.Sosnovich. Pratsi Inst. zool. AN URSR 16:21-30 '60.

UKRAINE—MATHEMATICAL RESEARCH

Current situation and prospects for expanding research in the Mathematics Institute of the Ukrainian Academy of Sciences. Dop.AN URSR no.5:603-605 '60.

UKRAINE—MEDICAL LABORATORIES

On the history of the development of laboratory work in the western provinces of the Ukraine and White Russia. N.B.Tsvilikovich. Lab.delo 6 no.3:58-59 My-Je '60.

UKRAINE—MEDICINE

Brief news. Vrach.delo no.6:669-670 Je '60.

UKRAINE—MEDICINE, INDUSTRIAL

Let's improve workers' medical care continuously. P.Shapik. Okhr.truda i sots.strakh. 3 no.3:21-22 Mr '60.

UKRAINE—MICROPALEONTOLOGY

Microfauna of neotic sediments of the Ukraine and the boundary between the Meotic and the Pontic [with summary in English]. Dop.AN URSR no.1:104-109 '60.

UKRAINE—MINES AND MINERAL RESOURCES

The Ukraine opens its riches. P.Nad'ozhyn. Nauka i zhyttia 10 no.5:10-13 My '60.

UKRAINE—MOTION-PICTURE PLAYS

Epic poem about the fate of our people. Valentyn Rechmedin. Ukraina no.11:20-21 Je '60.

UKRAINE—MOTION PICTURES

The masters of Ukrainian cinema art prepare for the ten-day festival. Nikolai Kurpov. Sov.Ukr. 10 no.8: 143-150 Ag '60.

"Motion pictures that aren't shown on the screen." B.Voitsms'kyi. Ukraina no.11:25-26 Je '60.

UKRAINE—NEWSPAPER AND PERIODICAL CIRCULATION

At a conference of postal workers and members of the Press Union of the Ukraine. Rasspr.pech. no.7:13 Jl '60.

UKRAINE—ONOBRYCHIS

Onobrychis radiata M.B., a new Caucasian plant in the flora of the eastern Ukraine. S.V.Golitsyn, V.I. Danilov. Bot.zhur. 45 no.5:727-730 My '60.

UKRAINE—PALEOBOTANY

History of the development of vegetation in the left bank area of the Ukrainian forest steppe during the late Glacial and postglacial periods [with summary in English]. O.T.Artiushenko. Ukr.bot.zhur. 17 no.1: 48-65 '60.

UKRAINE—PARASITOLOGY

Parasitological research in the Ukraine under the Soviet regime and current objectives in parasitology. O.P. Markevych. Pratsi Inst. zool. AN URSR 16:3-21 '59.

UKRAINE—PEASANT UPRISINGS

A book about the struggle of the Ukrainian masses after the liberation war of the 17th century ("Popular movements in the left bank and eastern Ukraine from 1650 to 1700" by K.I.Stetsiuk. Reviewed by A.O.Vvedens'kyi, L.V.Zbyl'ins'ka). Ukr.ist.zhur. 3 no.4:132-134 Jl-Ag '60.

Useful study ("The peasant movement in the Ukraine relating to the carrying out of the Reform of 1861" by N.Leshchenko. Reviewed by L.Oliinyk, O.Hora). Nauka i zhyttia 10 no.6:59-60 Je '60.

UKRAINE—PEASANTRY

Social differentiation and the beginning of social disintegration of the peasantry in the right bank Ukraine of the first half of the 19th century. A.Z.Baraboi. Ukr. ist.zhur. 3 no.4:37-46 Jl-Ag '60.

UKRAINE—PERIODICALS

Our readers on our periodical. Blok agit [Ukr.] no.36:65 D '59.

UKRAINE—PETROLEUM INDUSTRY

Progress of the petroleum industry in the Ukraine. V.M. Bucvich, R.D.Faniev. Neft.khoz. 38 no.1:37-40 Ja '60.

UKRAINE—PHYSICAL EDUCATION AND TRAINING

Don't give less attention to questions of physical education. A.A.Shishmareva. Sred.spets.obr. 7 no.6: 12-14 Je '60.

UKRAINE—PHYSICAL THERAPY

Ways of developing physical therapy care in the Ukrainian S.S.R. V.N.Sovetov. Vrach.delo no.6:879-880 Je '60.

UKRAINE—PHYSIOLOGY

Vorontsov, D.S., V.M.Nikitin, and P.M.Serkov. [An outline of the history of physiology in the Ukraine] Narysy z istorii fiziolohii na Ukraini. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 251 p.

UKRAINE—PRECAST CONCRETE

Ways of saving electric power in producing precast reinforced concrete. I.Kachmarov, S.Konstipov, M.Leshchinskii. Stroi.truboprov. 8 no.7:1-2 Jl '60.

UKRAINE—PUBLIC HEALTH

Brief news. Vrach.delo no.7:154-156 Jl '60.

In the Ministry of Public Health of the Ukrainian S.S.R. Vrach.delo no.6:665-666 Je '60.

In the Ministry of Public Health of the Ukrainian S.S.R. Vrach.delo no.7:149-151 Jl '60.

UKRAINE—PUBLIC UTILITIES—COST OF CONSTRUCTION

Reducing expenses for public utilities and improvements of residential sections. V.Artemchuk. Zhil.stroi. no.6:15-20 Je '60.

UKRAINE—RAIN AND RAINFALL

Distribution of precipitation amounting to a daily minimum of 100 mm in the Ukraine. V.N.Babichenko. Trudy UkrNIGMI no.18:0-30 '59.

UKRAINE—RARE METALS

Geochemical methods for exploring for rare metals [with summary in English]. R.S.Duchkov, H.P.Markevych. Dop.AN URSR no.3:410-413 '60.

UKRAINE—RATS

Ecological features of the occurrence of rats on stock farms in the Ukraine. V.I.Abelentsev. Pratsi Inst. zool. AN URSR 16:31-40 '60.

UKRAINE—RATS—EXTERMINATION

Developing methods for controlling rats on stock farms. V.I.Abelentsev. Pratsi Inst.zool.AN URSR 16:60-66 '60.

UKRAINE—REFRIGERATION AND REFRIGERATING MACHINERY—CONGRESSES

Scientific and Technical Conference of the Refrigeration Workers of the Ukraine. Khol.tekh. 37 no.3:87-88 My-Je '60.

UKRAINE—REGIONAL PLANNING

Automotive transportation and regional planning. I.Sh vak, I.Ostrovskii, N.Tsitlin. Stroi.truboprov. 8 no.7: 8-9 Jl '60.

UKRAINE—REINFORCED CONCRETE CONSTRUCTION

Use of reinforced concrete on Ukrainian communication lines. G.Z.Sinchenko. Vest.sviazi 20 no.4:21-25 Ap '60.

UKRAINE—RELATIONS (GENERAL) WITH BULGARIA

From the history of Bulgarian-Ukrainian relations. Petko Atanasov. Ukr.ist.zhur. 4 no.1:65-73 Jl-Ag '60.

UKRAINE—RELATIONS (GENERAL) WITH CHINA

Materials on Soviet-Chinese [illegible] relations in 1924-1925, submitted by [illegible]. Ukr.ist. zhur. 4 no.4:106-108 Jl-Ag '60.

Our relations with the Chinese People's Republic. Visnyk AN URSR no. [illegible] '60.

UKRAINE—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

[illegible] cooperation [illegible] no.5:10-12 My '60.

UKRAINE—RELATIONS (GENERAL) WITH INDIA

Friendship. Ukraina no.11: [illegible] '60.

UKRAINE—RELATIONS (GENERAL) WITH RUSSIA

[illegible] and Russian [illegible] Ukraina no.11 [illegible] '60.

UKRAINE—RELIGION AND LITERATURE

Ostryk, I.I. [illegible] Kyiv, 1960. 30 p. [illegible]

UKRAINE—RESEARCH

Approval of [illegible] institutions of the [illegible] Sciences of the Ukrainian Academy [illegible] Dop.AN URSR [illegible]

UKRAINE—RETAIL TRADE

Collective farm worker [illegible]

UKRAINE—REVOLUTION, 1917-1921

Kommunisticheskaia partiia Ukrainy. [illegible] oblastnoi komitet. [illegible] 1917-1920] [illegible] 1917-1920 [illegible] Vyd-vo, 1958. 156 p.

(Ukr.)

Kulinych, I.M., and [illegible] Ukraine. 1918-1920] [illegible] Kyiv, Vyd-vo Akad.nauk URSR, 19[illegible]

Miliaev, [illegible]

[Unforgettable [illegible]] [illegible] Kyiv, Vyd-vo [illegible] 1960. 245 p.

UKRAINE—ROADS

Automotive transportation [illegible] vak, I.Ostrovskii, N.Tsitlin [illegible] Jl '60.

UKRAINE—RURAL ELECTRIFICATION

For further expansion [illegible] Ap '60.

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

A review of N.K.Krupskaia's correspondence with Social Democratic organizations of the Ukraine [illegible] M.I.Gorlenkova, G.M.[illegible] Ist.arkh. 6 no.3:00-105 My-Je '60.

Shmorhun, P.M. [V.I.Lenin and [illegible] organizations in the Ukraine, 1907-1917] V.I.Lenin i [illegible] organizatsii Ukrainy 1907-1917 gg. Kyiv, Derzh. vyd-vo polit.lit-ry URSR, 1960. [illegible]

UKRAINE—SANITARY ENGINEERING

Providing collective farms [illegible] engineering installations [illegible] My '60.

UKRAINE—SCIENCE—INTERNATIONAL COOPERATION

[illegible]

UKRAINE—SHREWS

Population density of [illegible] and its variation [illegible] [with summary in English] [illegible] no.[illegible]

UKRAINE—SOCIAL CONDITIONS—[illegible]

[illegible] A.I. [illegible]

UKRAINE—SOCIAL GROUP WORK

[illegible]

[illegible]

UKRAINE—SOCIAL SCIENCE RESEARCH

General [illegible] the Academy of [illegible] Makarenko. [illegible] Ag

Approval of the research plan for institutions in the Department of the Social Sciences of the Ukrainian Academy of Sciences for 1960. Dop. AN URSR no.5:602-603 '60.

UKRAINE—SOCIALIST COMPETITION

The future is conceived today. N.Ravliuk. Sov.Ukr. 10 no.8:151-155 Ag '60.

UKRAINE—SOIL PERCOLATION

Experimental investigation of seepage in the southern part of the Ukrainian steppe. V.I.Aravin, V.A.Bushmanov. Izv.VNIIG 50:176-190 '58.

UKRAINE—SPINELS

Characteristics of spinel from alluvial deposits and the weathering crust of crystalline rocks of the middle Dnieper and Bug Valleys [with summary in English]. M.II.Diadchenko. Dop.AN URSR no.4:513-516 '60.

UKRAINE—SPRUCE

Two subspecies of Picea excelsa Link and the problem of their ranges [with summary in English]. M.A. Golubets. Bot.zhur. 45 no.5:684-694 My '60.

UKRAINE—STEEL INDUSTRY

More metal for our dear motherland. K Sytsko. Blok agit.[Ukr.] no.16 1-7 Je '60

UKRAINE—TICKS AS CARRIERS OF DISEASE

Number of nymphal stages in the tick Alectorobius asperus (Ornithodorus verrucosus) [with summary in English]. V.V.Slonatenko. Zool.zhur. 39 no.6: 936-937 Je '60.

UKRAINE—TRANSPORTATION, AUTOMOTIVE

Pioneers of the future. N.Gorelov. Avt.transp 38 no.7 8-9 Jl '60.

UKRAINE—VITICULTURE

Korneichuk, V.D., and E.K.Plakida. [Fertilizing vineyards in the Ukraine] Udobrenie vinogradnikov na Ukraine. [Odessa] Odesskoe obl.izd-vo, 1955. 99 p.
(DA)

UKRAINE—WEEDS

Neoteny in annual weeds [with summary in English]. L.V. Poltenov. Ukr.bot.zhur. 17 no.3:20-33 '60

UKRAINE—WINDS

Climatic characteristics of dry winds in the Ukraine. I.E.Buchinskii. Trudy UkrNIGMI no.16:10-29 '59.

UKRAINE—WORLD WAR, 1939-1945

The participation of the Armenian people in the liberation of the Ukraine during the Great Patriotic War [in Armenian with summary in Russian]. S.V.Kharmandarian. Ist.-filol.zhur. no.4:132-139 '59.

UKRAINE—WORMS, INTESTINAL AND PARASITIC

Study of helminth parasites of vipers in the Ukrainian S.S.R. V.P.Sharpylo. Pratsi Inst.zool.AN URSR 15:59-63 '59.

UKRAINE—YOUTH

Holiday of the young builders of communism; on the twenty-sixth of June, Day of Soviet Youth Blok agit [Ukr.] no.16 40-53 Je '60.

UKRAINE, WESTERN—BIBLIOGRAPHY

Akademiia nauk URSR, Kiev. Biblioteka. [Reunification of Ukrainian lands in the united Soviet Ukrainian state, 1939-1959] Vozz'iednannia ukrains'kykh zemel' v iedynii Ukrains'kii Radians'kii derzhavi, 1939-1959 rr.; bibliografichnyi pokazhchyk. Kyiv, 1959. 95 p.

UKRAINE, WESTERN—ECONOMIC CONDITIONS—BIBLIOGRAPHY

Description of the building of socialism in the western provinces of the Ukrainian S.S.R. I.Kh Sas. Ukr. ist. zhur 4 no 4:104-109 Jl-Ag '60

UKRAINE, WESTERN—WATER, UNDERGROUND

Geochemistry of underground waters in mineral deposits of the Western Ukraine [with summary in English, p.311]. O.A.Goleva. Probl.geokhim. no.1:228-248 '59.

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN DRAMA—COLLECTIONS

[Five plays: If you love, by M.Zarudnyi. Indomitable girl from Poltava, by P.Luben's'kyi. Word of truth, by IU.Kostiuk. Tubly, by A.Shyian. Black waltz, by I.Kocherha] 5[i.e. P'iat'] p'ies: IAkshcho ty liubysh by M.Zarudnyi. Neskorena poltavchanka by P.Luben's'kyi. Slovo pravdy by IU.Kostiuk. Kotyhoroshko by A.Shyian. Chornyi val's by I.Kocherha. Kyiv, Derzhlitvydav, 1959. 285 p.
(MH)

UKRAINIAN DRAMA—HISTORY AND CRITICISM

Datsenko, D.IE. [The image of a builder of communism in Ukrainian dramaturgy and on the stage] Obraz budivnyka komunizmu v ukrains'kii dramaturgii i na stseni. Kyiv, 1960. 38 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser.6, no.16)

Substantive adjectives pertaining to human beings in the Old Russian and Ukrainian languages. D.H.Hrynchyshyn. Dosl.i mat.z ukr.movy 2:12-30 '60.

UKRAINIAN LANGUAGE—CONJUNCTIONS

Derivative conjunctions and their syntactic functions in the Ukrainian manuscripts of the 14th and 15th centuries. L.L.Humets'ka. Dosl.i mat.z ukr.movy 2:31-44 '60.

UKRAINIAN LANGUAGE—DIALECTS see subdivision under Turka District

UKRAINIAN LANGUAGE—DICTIONARIES—RUSSIAN

Hrinchenko, Borys. [Dictionary of the Ukrainian language] Slovar' ukrains'koi movy. [Kyiv, Vyd.Akad. nauk URSR, 1958] 4 v.
(RPB)

UKRAINIAN LANGUAGE—MORPHOLOGY

Some complicated cases of the morphological analysis of words. O.M.Finkel'. Ukr.mova v shkoli 10 no.3 8-15 My-Je '60.

UKRAINIAN LANGUAGE—NOUN

Declension of masculine nouns in the Ukrainian manuscripts of the 16th century. I.M.Kernyts'kyi. Dosl.i mat.z ukr.movy 2:45-66 '60.

UKRAINIAN LANGUAGE—ORTHOGRAPHY

Answering our readers' questions. Ukr.mova v shkoli 10 no.3:67-70 My-Je '60.

History of Ukrainian orthography in Galicia, 1917-1939. V.L.Karpova. Dosl.i mat.z ukr.movy 2:124-142 '60.

[Ukrainian orthography] Ukrains'kyi pravopys. Vyd.2., vypr.i dop. Kyiv,Vyd-vo Akad.nauk URSR, 1960. 271 p.

UKRAINIAN LANGUAGE—STUDY AND TEACHING

"Basic forms of Ukrainian-language classes in grades 5 to 7" by O.A.Petrovs'ka. Reviewed by M.T.Dotsenko. Ukr.mova v shkoli 10 no.3:71-74 My-Je '60.

Communist education in language classes. Ukr.mova v shkoli 10 no.3:3-7 My-Je '60.

How to develop students' language when studying verbs in secondary schools. P.S.Stril'tsiv. Ukr.mova v shkoli 10 no.3:20-27 My-Je '60.

Independent work of students in Ukrainian language classes. M.F.Kryvchans'ka, V.IA.Matviieieva. Ukr. mova v shkoli 10 no.3:37-40 My-Je '60.

Kulyk, D.M., and A.M.Kulyk. [The Ukrainian language; a textbook for the 6th-7th grades of the secondary school] Ukrains'ka mova; pidruchnykh dlia 5-7 klasiv seredn'oi shkoly. Vyd.5., vypr. Kyiv, Derzh.uchebn-pedagog.vyd-vo "Radians'ka shkola."

Pt.1. [Phonetics and morphology] Fonetyka i morfologiia. 1960. 278 p.

Linguistic analysis as an effective method of teaching languages. IE.M.Dmytrovs'kyi. Ukr.mova v shkoli 10 no.3:47-52 My-Je '60.

Our important objective is to forestall the linguistic errors of upper-class students. D.I.Stepanyshyn. Ukr.mova v shkoli 10 no.3:44-47 My-Je '60.

Results of the discussion of the Ukrainian language program. Ukr.mova v shkoli 10 no.3:63-66 My-Je '60.

Some suggestions for the Ukrainian language program for eight-year schools. N.V.Panchenko. Ukr.mova v shkoli 10 no.3:61-62 My-Je '60.

Studies in the field of Ukrainian and Russian linguistics in Ukrainian universities in 1960. Ukr.mova v shkoli 10 no.3:92-95 My-Je '60.

"Studies on the Ukrainian language." Reviewed by O.Mashtabei. Ukr.mova v shkoli 10 no.3:81-84 My-Je '60.

Teachers discuss the Ukrainian language program for eight-year schools. Ukr.mova v shkoli 10 no.3:58-61 My-Je '60.

"Textbook on the present-day Ukrainian literary language" by M.A.Zhovtobriukh, D.M.Kulyk. Part 1. Reviewed by I.O.Vasylenko. Ukr.mova v shkoli 10 no.3:74-81 My-Je '60.

UKRAINIAN LANGUAGE—SYNTAX

Our experience in reviewing syntax. M.I.Sytnyk. Ukr. mova v shkoli 10 no.3:32-36 My-Je '60.

UKRAINIAN LANGUAGE—TERMS AND PHRASES

Professional, administrative, and legal vocabulary of Ukrainian business correspondence in the late 16th and early 17th century; based on the manuscripts of the Lvov Synodal Society. M.L.Khudash. Dosl.i mat.z ukr. movy 2:86-123 '60.

UKRAINIAN LANGUAGE—VERB

How to develop students' language when studying verbs in secondary schools. P.S.Stril'tsiv. Ukr.mova v shkoli 10 no.3:20-27 My-Je '60.

IUrchuk, L.A. [Problems in the suffixal formation of verbs in the present-day Ukrainian language] Pytannia sufiksal'noho slovotvorennia diiesliv u suchasnii ukrains'kii movi. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 97 p.

Synonymous verbs in I.Franko's poems. L.M.Poliuha. Dosl.i mat.z ukr.movy 2:67-85 '60.

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

On affairs and people of our times. L.Novichenko. Vop. lit. 4 no 7:3-28 Jl '60.

A wealth of experience ("History of Ukrainian literature." Vol 2. Reviewed by S Shakhovskii) Vop.lit 4 no.8: 183-196 Ag '60.

UKRAINIAN LITERATURE—PERIODICALS

Bernshtein, M.D. [The periodical "Osnova" and Ukranian literature at the close of the 1850's and 1860's] Zhurnal "Osnova" i ukrains'kyi literaturnyi protses kintsia 50-60-kh rokov XIX st. Kyiv, Vyd-vo Akad.nauk URSR, 1959. 215 p.

UKRAINIAN LITERATURE—STUDY AND TEACHING

Creative recitation of literary material in the senior grades of schools for young workers. M.I.Kotiuzhyns'kyi. Ukr.mova v shkoli 10 no.3:41-44 My-Je '60.

How to help school children understand the texts of literary works. V.P.Halkin. Ukr.mova v shkoli 10 no.3: 28-31 My-Je '60.

Work of the Shevchenko Institute of Literature of the Ukrainian Academy of Sciences. Dop.AN URSR no.4: 550-551 '60.

UKRAINIAN POTTERY see Pottery, Ukrainian

UKRAINIAN WIT AND HUMOR

[Smiles of the Dnieper Valley; satire and humor] Prydniprovs'ki usmishky; satyra i humor. [Dnipropetrovs'k] Dnipropetrovs'ke knyzh. vyd-vo, 1959. 95 p.
(MH)

UKRAINANS see subdivision under Canada, United States

ULAN BATOR—ASTRONOMICAL OBSERVATORIES

Observatory near Ulan-Bator. Sovr.Mong. 5 no.5:37 My '60.

ULAN BATOR—ELECTRIC POWER PLANTS

Development of power engineering in Ulan Bator. Sovr. Mong. no.1,9-10 Ja-F '58.

ULAN BATOR—FIELD MICE—DISEASES AND PESTS

Relation of Brandt's field mouse to experimental plague. Z.I.Shchekunova. Izv.Irk.gos.nauch.-issl.protivochum.inst. 15:95-102 '57.

ULAN BATOR—FLOUR MILLS

At the Ulan Bator milling combine. T.Pil'zhe. Sovr. Mong. 5 no.5:7-9 My '60.

ULAN BATOR—PIONEERS (COMMUNIST YOUTH)

Naming the Pioneer Palace of Ulan Bator in honor of Lenin. Sovr.Mong. 5 no.5:4 My '60.

ULAN BATOR—RADIO STATIONS

New radio station is being put to use. Sovr.Mong. 5 no.5:5-6 My '60.

ULS VALLEY—PERIDOTITE

Peridotites from the basin of the Uls River (Northern Urals) and their relation to the kimberlite group. IU.D.Smirnov, A.A.Kukharenko. Uch.zap.LGU no.291:64-90 '60.

ULTRASONIC TESTING

Some characteristics of the acoustic impedance method of flaw detection. IU.V.Lange. Zav.lab. 26 no.7:842-847 '60

Ultrasonic flaw detection in tire casings. Kh.E. Malkina, A.P.Pukhov, V.A.Ionov. Kauch.i rez. 19 no.7:12-20 Jl '60.

Ultrasonic rail inspection. V.B.Kozlov. Put'i put.khoz. 4 no.6:13-15 Je '60.

ULTRASONIC WAVES

Absorption of ultrasonic waves in zinc at low temperatures [with summary in English]. A.A.Galkin, A.P. Koroliuk. Zhur.eksp.i teor.fiz. 38 no.6:1688-1694 Je '60.

Contribution to the theory of the absorption of ultrasonic waves in metals [with summary in English]. V.P.Silin. Zhur eksp.i teor.fiz. 38 no.3 977-983 Mr '60.

Fine structure of the Rayleigh light scattering in solutions, and the dispersion of hyperacoustic oscillations L.V. Lanshina, M.I.Shakhparonov. Dokl.AN SSSR 133 no.3: 624-626 Jl '60.

Oxidation of coals and humic acids under the influence of ultrasonic waves B I.Losev, N.G.Lidina Dokl AN SSSR 133 no 1 186-188 Jl '60

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Experimental investigation of the use of ultrasonic waves in the disinfection of water. L.I.El'piner. Vod.i san. tekh. no.8:27-30 Ag '60.

Role of ultrasound in the processes of chemical technology. A.M.Ginstling, A.A.Baram. Khim.prom. no.1:9-19 Ja-F '60.

Sokolov, V.S. [Flow detection without rupture of parts] Kontrol' bez razrusheniia detalei. [Moskva] Mosk. rabochii, 1960. 94 p.

Standardization of ultrasonic oscillators and converters. V.N.Shchepotov. Standartizatsiia 24 no.7:20-24 Jl '60.

Strength of weld joints in aluminum alloys made by ultrasonic welding. L.L.Silin, V.A.Kuznetsova, M.A.El'iasheva. Svar.proizv. no.7:5-8 Jl '60.

Visible invisible things. B.Dunaevskii. NTO 2 no.7: 29-31 Jl '60.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Effect of ultrasound on thermal inflammation [with summary in English]. M. M. Smyk, E. M. Skublevskii. Pat. fiziol. i eksp. terap. 4 no. 3:27-31 My-Je '60

Influence of ultrasound on the biological properties of malignant tissue [with summary in English]. K. P. Balitskii, M. I. Gurevich. Pat. fiziol. i eksp. terap. 4 no. 3:31-35 My-Je '60.

ULTRASONICS

Fridman, V. M. [Ultrasound; from the "Voskresnye chteniia" Politechnical Museum in Moscow] Ul'trazvuk; po materialam "Voskresnykh chtenii" Politekhnicheskogo muzeia v g. Moskve. Moskva, Izd-vo "Znanie," 1960. 47 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no. 10)

ULTRAVIOLET RAYS

Effect of ultraviolet radiation on the seignetteelectric properties of triglycine sulfate crystals. I. M. Sil'vestrova, N. A. Romanov. Kristallografiia 5 no. 1:147-150 Ja-F '60.

Ultraviolet absorption by the giant axon of sepia in a state of rest and excitation [with summary in English]. L. P. Kaiushin, R. G. Liudkovskaia, I. P. Shmelev. Biofizika 5 no. 3:270-283 '60.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of various doses of ultraviolet radiation on the production of variants of Asp. oryzae synthesizing active proteases [with summary in English]. S. Z. Brotskaia. Mikrobiologiia 29 no. 3:350-362 My-Je '60

Experimental variability of Aspergillus niger. Report No. 3: Formation of citric acid by variants of Asp. niger obtained through ultraviolet irradiation [with summary in English]. A. A. Imshenetskii, L. I. Solntseva, N. P. Kuranova. Mikrobiologiia 29 no. 3:351-357 My-Je '60

Respiration of a mutant of Aspergillus niger obtained by ultraviolet irradiation [with summary in English]. N. M. Verbina. Mikrobiologiia 29 no. 3:364-370 My-Je '60.

Sun in cow barns. M. Lesovoi. Znan. sila 35 no. 6:30 Je '60.

ULTRAVIOLET RAYS—THERAPEUTIC USE

Doctor Fedorov's method. N. I. Krakovskii. Zdorov'e 6 no. 6:30 Je '60

Physical therapy for dysentery patients. S. L. Zabrodskii. Vrach. delo no. 7:91-94 Jl '60.

Ultraviolet irradiation in the over-all treatment of paradentosis. S. I. Krysktab, Z. M. Epel'bein. Vrach. delo no. 7:126-137 Jl '60.

Ultraviolet lighting system for a gymnasium. A. P. Laptev. Svetotekhnika 6 no. 7:13-15 Jl '60.

UL'YANOVKA DISTRICT—SCHOOLS—ACCOUNTING

Centralizing accounting in schools of the Ul'yanovka District Department of Public Education. I. Voronchuk. Bukhg. uchet 17 no. 6:57-59 Je '60.

UL'YANOVSK—POSTAL SERVICE

Lenin's fatherland. S. G. Vulikh. Vest. sviazi 20 no. 4:8-10 Ap '60.

UL'YANOVSK—TELECOMMUNICATION

Lenin's fatherland. S. G. Vulikh. Vest. sviazi 20 no. 4:8-10 Ap '60.

UL'YANOVSK PROVINCE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the terrigenous part of the lower Carboniferous in the Volga Valley portion of Ul'yanovsk Province (Okhotnich'ya and Barvarovka areas). A. M. Loginova. Izv. vys. ucheb. zav.; geol. i razv. no. 3:37-41 Mr '60.

UL'YANOVSK PROVINCE—INDUSTRIAL HYGIENE

Together with party organizations. V. Isakov. Okhr. truda i sots. strakh. 3 no. 6:19-21 Je '60.

UL'YANOVSK PROVINCE—OIL FIELDS

Petroleum in Ul'yanovsk Province. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 6:38 '60

UMAN' DISTRICT—STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

Hidden potentialities for the increase of labor productivity in stockbreeding. IA. Poluliakh, V. Kolonii. Ekon. sel'khoz. 31 no. 6:60-64 Je '60

UNDERDEVELOPED AREAS

Avoid unnecessary expenditures [with English summary in insert]. O. N. Bhoj. Sovr. Vost. no. 7:26 Jl '60.

Bourgeois economists on "the trade conditions" of underdeveloped countries [with English summary in appendix]. A. Frumkin. Vnesh. torg. 30 no. 7:30-37 '60.

By whom and how are the underdeveloped countries being helped? N. Semin. Kul't. i zhizn' 4 no. 6:7-12 '60.

Disarmament and independence. Lev. Stepanov. Nov. vrem. 18 no. 28:7-9 Jl '60.

UNDERGROUND LITERATURE see subdivision under Archangel

UNDERPASSES
(see also subdivision under Moscow)

Street passing under a street. Znan. sila 35 no. 7:10 Jl '60.

UNDERWATER EXPLORATION see Diving, Submarine

UNDULANT FEVER see Brucellosis

UNION CATALOGS see Catalogs, Union

UNION OF SOUTH AFRICA see South Africa, Union of

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC—FOREIGN RELATIONS—UNITED STATES

Unsuccessful provocations. V. Tolstikov. Mezhdunar. zhizn' 7 no. 8:130 Ag '60

UNITED ARAB REPUBLIC—GAS, NATURAL—GEOLOGY

Oil and gas prospects in the United Arab Republic. P. P. Zabarinskii. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 6:88, 124 '60.

UNITED ARAB REPUBLIC—PETROLEUM GEOLOGY

Oil and gas prospects in the United Arab Republic. P. P. Zabarinskii. Izv. vys. ucheb. zav.; neft' i gaz 3 no. 6:88, 124 '60

UNITED ARAB REPUBLIC—TECHNICAL ASSISTANCE, WHITE RUSSIAN

Dump trucks go to the Nile. I. Vasil'ev. Belarus' 17 no. 5:13 My '60

UNITED NATIONS

Krylov, S. B. [A history of the founding of the United Nations; the drafting of the text of the charter of the United Nations, 1944-1945] Istoriia sozdaniia Organizatsii Ob"edinennykh Natsii; razrabotka teksta Organizatsii Ob"edinennykh Natsii, 1944-1945. Pod. red. G. I. Tunkina. Moskva, Izd-vo IMO 1960. 342 p.

Some problems in the history of the United Nations and its work. G. I. Morozov. Sov. gos. i pravo no. 7:130-139 Jl '60.

The United Nations. V. Demidov. Mezhdunar. zhizn' 7 no. 8:103-113 Ag '60.

"United Nations Organization, fifteenth anniversary of the U. N. Charter" by G. I. Morozov. Reviewed by V. Gantman. Nov. vrem. 18 no. 29:30-31 Jl '60

UNITED NATIONS—INTERNATIONAL TRUSTEESHIPS

Colonial expropriation of land in the trust territories of Africa. V. F. Mashkova. Vest. Mosk. un. Ser. ekon., filos. 15 no. 4:25-35 Jl-Ag '60.

UNITED STATES

Declaration of the American National Committee for a Sane Nuclear Policy. V zashch. mira no. 5:29-30 My '60.

UNITED STATES—AGED

Abroad. Wail of the aged. "We cannot exist on what we get!" John Stone. Sots. obesp. 21 no. 5:61-63 My '60

UNITED STATES—AGRICULTURE

S'omyk, P. N. [With American farmers; an agronomist's notebook] U amerykans'kykh fermeriv, notatky agronoma. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1960. 63 p.

Wheeler, George Shaw. [Development and problems of agriculture in the U. S. A. Translated from the English. Preface by E. Shifrin.] Razvitie sel'skogo khoziaistva SShA i ego problemy. Moskva, Izd-vo inostr. lit-ry, 1959. 412 p.

UNITED STATES—AIR FORCE

Political aggression behind the screen of national security ("The impact of the air power." Reviewed by P. F. Berezin). Vest. Vozd. Fl. no. 7:89-91 Jl '60.

UNITED STATES—AIR FORCE—EDUCATION, NONMILITARY

Who finds disarmament "dangerous." Thomas G. Buchanan. V zashch. mira no. 5:14-20 My '60.

UNITED STATES—AIRPLANES—TURBOJET ENGINES

Convergent-nozzle turbofan engines. P. I. Ishanovskii. Grazhd. av. 17 no. 6:32 Jl-Je '60

UNITED STATES—AIRPLANES—WINGS

Materials for the manufacture of leading edges for supersonic aircraft (from "Missiles and Rockets" no. 53, 1959). Metalloved. i term. obr. met. no. 6:54 Je '60.

UNITED STATES—AMMONIUM SULFATE

Use of spent pickling solution for producing ammonium sulfate (from "Chemical Engineering," no. 14, 1959). Koks i khim. no. 5:62 '60.

UNITED STATES—ANIMALS, TRAINING OF

Trained sperm whales. M. Drozdov. Znan. sila 35 no. 5:35 My '60.

UNITED STATES—ARCHIVES

Archives abroad. E. G. Baskakov, Z. P. Pol'shikova. Ist. arkh. 6 no. 3:225-233 My-Je '60.

UNITED STATES—ARMAMENTS

Militarization of the national economy and technological progress in the U. S. A. A. B. Nikolaev. Vest. Mosk. un. Ser. ekon., filos. prava 11 no. 3:47-67 '56.

UNITED STATES—ARMED FORCES—APPROPRIATIONS AND EXPENDITURES

How the national budget of the U. S. A. reflects the aggressive policy of the Pentagon. A. [illegible]. Polit. samoobr. [illegible] no. 6:71-77 Je '60

UNITED STATES—ARMY

"Kalomanno." Nov. vrem. 18 no. 31:22-23 Jl '60.

UNITED STATES—ATOMIC WEAPONS

Dangerous play with fire. Blok. agit. (Ukr.) no. 18:50-60 Je '60

UNITED STATES—BANKS AND BANKING, CENTRAL

[Federal Reserve System, purposes and functions. Translated from the English. Preface by E. Dregel'] Federal'naia rezervnaia sistema, tseli i funktsii. Moskva, Gosfinizdat, 1959. 201 p.

UNITED STATES—BELEMNITES

"[illegible] Mississippian belemnites" [in English] by Rousseau H. Flower, Mackenzie Gordon. Reviewed by V. N. Shimanskii. Paleont. zhur. no. 2:158-161 '60

UNITED STATES—BENZENE

Continuous chemical refining of crude benzene with the removal of thiophene (from "Blast Furnace and Steel Plant," no. 2, 1959). Koks i khim. no. 5:64 '60.

UNITED STATES—BRIDGES, WOODEN

Wooden highway bridges in the United States. [illegible] Avt. dor. 23 no. 7:30-33 Jl '60.

UNITED STATES—BUDGET

How the national budget of the U. S. A. reflects the aggressive policy of the Pentagon. [illegible] Polit. samoobr. [illegible] Je '60

UNITED STATES—BUTYL RUBBER

Butyl rubber of higher thermal stability (from "Rubber World," no. 4, 1959). [illegible] My '60.

UNITED STATES—CARBON BLACK

[illegible] '60

UNITED STATES—CEMENT INDUSTRIES

From the pages of journals. [illegible] My-Je '60

UNITED STATES—CHILDREN—EMPLOYMENT

Exploitation of child labor in the U. S. A. [illegible] Mol. kommun. no. 7:105-109 Jl '60

UNITED STATES—COAL—CARBONIZATION

Investigating the distribution of charges in [illegible] combustion chambers. Koks i khim. no. 6:64 '60

UNITED STATES—COAL—PIPELINES

Pipelines on approach roads to cargo wharves and harbors. F. Duchin. Rech. transp. 19 no. 5:52 My '60.

UNITED STATES—COAL MINES AND MINING

Mechanization of coal cutting operations in United States mines. [illegible] no. 6:40-43 Je '60

UNITED STATES—COMMERCE—RUSSIA

Soviet-American trade relations from 1924 through 1933. I. Rabinovich. Nauch. dokl. vys. shkoly; [illegible] no. 2:94-107 '60.

What impedes the development of Soviet-American trade. [illegible] '60

UNITED STATES—COMMUNISM AND RELIGION

Who finds disarmament "dangerous." [illegible] Buchanan. V zashch. mira no. 5:14-20 My '60

UNITED STATES—COMMUNIST PARTY

Workers of the USA struggle for [illegible]

UNITED STATES—CRACKING PROCESS

Technical methods and equipment in foreign [illegible]. Neftianik 5 no. 6:33 Je '60.

UNITED STATES—CRIME AND CRIMINALS

Crimes in the "society of common welfare." A. I. [illegible]nov, V. F. Guliev. Sov. gos. i pravo no. 7:97-105 Jl '60

UNITED STATES—CULTURE

America No. 1 and America No. 2. V. Zakharchenko. Ogonek 38 no. 32:18-21 Ag '60

Survey of the foreign press. Inostr. lit. no. 8:21?-216 Ag '60.

UNITED STATES—DEFENSES

The morning after. Nov. vrem. 18 no. 29:23-24 Jl '60

UNITED STATES—DESCRIPTION AND TRAVEL

America No. 1 and America No. 2. V. Zakharchenko. Ogonek 38 no. 32:18-21 Ag '60

UNITED STATES—DRUG INDUSTRY

Another speculation. Nov. vrem. 18 no. 29:22-23 Jl '60.

Machinery and tractor-mounted equipment for step-by-step excavation and cleaning of canals and grading of slopes (U.S.A.). I.I.Mer. Gidr. i mel. 12 no.6:53-56 Je '60.

UNITED STATES—ECONOMIC CONDITIONS

"Economic humanism" and its nature. G Khromushin. Novyi mir 36 no 6:175-185 Je '60

Militarization of the national economy and technological progress in the U.S.A. A.B.Nikolaev. Vest.Mosk.un.Ser.ekon.,filos.,prava 11 no.2:47-57 '56.

Victor Perlo answers our questions. Nov.vrem. 18 no.29:10-13 Jl '60.

What is concealed by advertising. V.Androsov. Otv.na vop.trud. no 114:30-43 '60.

UNITED STATES—EDUCATION

System of education in the United States. M. Zinina. Otv na vop.trud no.115:57-59 '60.

UNITED STATES—ELECTRIC POWER DISTRIBUTION

Interconnected electric power systems in U.S.A. (from "Electrical World," no 8, 1960) I A.Syromiatnikov. Energokhoz.za rub. no.3:32-33 My-Je '60.

UNITED STATES—ELECTRIC POWER PLANTS

Industrial electric power plants in the U.S.A. A.D. Abramovich. Energokhoz.za rub. no.3:10-19 My-Je '60.

Large turbine units for TVA steam power plants in the U.S.A. L A Artemov. Energokhoz.za rub. no.3:10 My-Je '60.

UNITED STATES—ELECTRONICS INDUSTRY

The development of the electronics industry in the United States. F. Levshin. Mir.ekon.i mezhdunar.otn. no.7:135-137 Jl '60

UNITED STATES—FIGHTER PLANES

Interception of aerial targets. A.V.Aleksandrov. Vest. Vozd.fl. no.5:80-83 My '60.

UNITED STATES—FINANCIAL STATEMENTS

Vel'tman, N.R. [Financial statements of monopolies reveal...] Balansy monopolii svidetel'stvuiut... Moskva, Izd-vo IMO, 1960. 30 p.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

United States monopolistic expansion in Africa. V.Bogoslovskii. Mir.ekon.i mezhdunar.otn. no.7:119-130 Jl '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AUSTRIA

Words and deeds. Nov.vrem. 18 no.31:22 Jl '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—CUBA

Cuba forewarned. Mezhdunar zhizn' 7 no 8:121-133 Ag '60

David and Goliath. Nov.vrem. 18 no.28:2-3 Jl '60.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

Will Western Europe free itself from its dependence on the United States? N.Molchanov. Nov.vrem. 18 no.28:14-17 Jl '60.

UNITED STATES—FOREIGN RELATIONS

American "bastions" are cracking. Ogonek 38 no.23:6-7 Je '60

The American policy of aggression is on the point of collapse. Iu.Frantsev. Polit.samoobr. 4 no.7:45-55 Jl '60.

The latest error of President Eisenhower. Nov.vrem. 18 no.31:1-2 Jl '60.

The latest imperialist "doctrine." M.Lazarev. Mir. ekon.i mezhdunar.otn. no.7:49-57 Jl '60.

Masny's grimaces. I Lapitskii. Mezhdunar zhizn' 7 no 8:125-128 Ag '60.

Only the truth attracts. Vsevolod Kochetov. Ogonek 38 no 22:6 My '60

Reader's letter. Nov.vrem 18 no 29:13 Jl '60.

Two worlds and two policies. V. Zhukov. Mol komm. no 7:12-17 Jl '60

U-2, RB-47 and United States foreign policy. I Mikuson. Mezhdunar zhizn' 7 no 8:30-38 Ag '60

The United States blocked the meeting of the summit conference. Blok agit [Ukr.] no 16:54-57 Je '60

UNITED STATES—FOREIGN RELATIONS—CAMBODIA

The Cambodian people stand for neutrality. V. Shlenov. Sovr. Vost. no.7:44-45 Jl '60.

UNITED STATES—FOREIGN RELATIONS—CUBA

Cuba and the United States. Nov.vrem. 18 no.31:2-3 Jl '60.

Prisoners of obsolete conceptions. Nov vrem. 18 no 29:21 Jl '60.

UNITED STATES—FOREIGN RELATIONS—FAR EAST

Operation "Nightmare." I.Shatunovskii. Ogonek 38 no.26:3 Je '60.

Wheeler, George, S. [American policy in Germany, 1945-1950. Translated from the German. Preface by Z. Sheinis] Amerikanskaia politika v Germanii, 1945-1950. Moskva, Izd-vo inostr.lit-ry, 1960. 309 p.

UNITED STATES—FOREIGN RELATIONS—GERMANY, WEST

Bonn-Washington. A.Turov. Sov.voin 42 no.7:24-25 Jl '60.

UNITED STATES—FOREIGN RELATIONS—GREAT BRITAIN

Great Britain and the United States of America, from the pages of Anthony Eden's memoirs. I Maiskii. Mir. ekon.i mezhdunar.otn. no.7:111-154 Jl '60.

UNITED STATES—FOREIGN RELATIONS—JAPAN

The Japanese people didn't let Eisenhower visit their country. Blok agit.[Ukr.] no 18:57-58 Je '60.

Nation-wide struggle for peace in Japan. Blok agit [Ukr.] no 35:58-60 D '59

Photographs that Haggerty brought to Eisenhower. M.Efimov. Ogonek 38 no.25:4-5 Je '60.

The sharpening political crisis in Japan. D Dubrovskii Mezhdunar zhizn' 7 no.8:21-29 Ag '60

Soviet-Japanese relations. V.Semenov. Otv.na vop.trud. no 114:20-31 '60.

Tokyo opens its eyes. Takesi Kaiko. Inostr.lit. no.8: 237-244 Ag '60.

UNITED STATES—FOREIGN RELATIONS—LATIN AMERICA

Monroe Doctrine? V.Vainshtok, L.Rubinshtein. Ogonek 38 no.30:6-7 Jl '60.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

"Czars and presidents, the story of a forgotten friendship" [in English] by Alexandre Tarsaidze. Reviewed by B.P. Kanevskii. Ist.SSSR 4 no.3:197-199 My-Je '60.

Guilty without extenuating circumstances ("They shall be called to account; facts about the treacherous policy of America's ruling circles" by M.A.Kharlamov. Reviewed by N.Osipenko). Nov.vrem. 18 no.31:30-31 Jl '60.

Provocative policy of American imperialists. Blok.agit. [Ukr.] no.18:37-46 Je '60.

The Trent Affair and Russian public opinion. I.IA.Levitas. Uch.zap.GGU no.51:81-96 '59.

UNITED STATES—FOREIGN RELATIONS—UNITED ARAB REPUBLIC

Unsuccessful provocations. V.Tuliakov. Mezhdunar zhizn' 7 no.8:130 Ag '60.

UNITED STATES—FORGING

Drop forging in the United States. E.I.Semenov. Vest. mash. 40 no.7:75-80 Jl '60.

UNITED STATES—FREIGHTERS

Cargo-handling devices on new American perishable cargo carriers. Sudostroenie 26 no.6:63-66 Je '60.

Containers ships [from "Shipping World," no. 3409, 1960, "Norwegian Shipping News," no. 3, 1960, "Lloyd's List and Shipping Gazette," no. 45270, 1960]. Sudostroenie no.7:73 Jl '60.

UNITED STATES—GLUING

Gluing panels in a high-frequency current field (from "Woodworking Industry," no. 3, 1959). Der.prom. 9 no.5:30 My '60.

UNITED STATES—GOLD

The armament race and the gold reserve of the U.S.A. I.Zlobin. Den.i kred. 18 no.7:76-82 Jl '60.

UNITED STATES—GUMS AND RESINS

New resin-turpentine products. E.N.Olstrakh. Gidroliz. i lesokhim.prom. 13 no.5:31-32 '60.

UNITED STATES—HEAT-RESISTANT ALLOYS

Alloy for high durability gas turbine blades (from "American Society of Mechanical Engineers," no. A191, 1958). L.B.Getsov. Metalloved.i term.obr.met. no.6:54-57 Je '60.

UNITED STATES—HISTORY

Akademiia nauk SSSR. Institut istorii. [Essays on the contemporary and modern history of the United States] Ocherki novoi i noveishei istorii SShA v dvukh tomakh. Moskva.
Vol.1. 1960. 630 p.

F.V.Karzhavin and his journey to America. A.I.Startsev. Ist.SSSR 4 no.3:132-139 My-Je '60.

UNITED STATES—INDUSTRIAL ELECTRIC TRUCKS

Automatic industrial electric trucks. Znan.sila 35 no.7:50 Jl '60.

UNITED STATES—INDUSTRIAL EQUIPMENT

Prerequisites for the expansion in the replacement of capital equipment in the U.S.A. after the Second World War. V.Antonov. Nauch.dokl.vys.shkoly;ekon.nauki no.2:84-93 '60.

Present-day capitalism and technological progress. Vest.Mosk.un.Ser.ekon.,filos.,prava 11 no.2:170-181 '56.

UNITED STATES—INTELLIGENCE SERVICE

Allen Dulles, the no.1 spy. Lev.Bezymens'kyi. Ukraina no.15:28-29 Ag '60.

Washington Thursdays. B Konstantinov. Ogonek 38 no 23:6-7 Je '60

UNITED STATES—LABOR AND LABORING CLASSES

Labor aristocracy in the United States. A Kats. Mir. ekon.i mezhdunar otn. no 7:86-97 Jl '60.

On the state of the fundamental strata and groups of the industrial proletariat in the United States (on the question of differentiating characteristics in the state of the American proletariat). V.V.Motylev. Sbor. trud.MZPI no.6:63-83 '58.

Workers of the USA struggle for their rights. N.Mostovets. Polit samoobr. 4 no 6:61-70 Je '60

UNITED STATES—LABOR LAWS AND LEGISLATION

Antilabor reform of the labor law of the U.S.A. S.A. Ivanov. Sov.gos.i pravo no.7:110-119 Jl '60.

UNITED STATES—LOBBYING

Lobbyists at work. A.IAkovlev. Polit.samoobr. 4 no.5:141-143 My '60.

UNITED STATES—MERCHANT MARINE

The American Maritime Union and its policy. G.Tarasova. Nov.vrem. 18 no.28:17-19 Jl '60.

UNITED STATES—METAL CLEANING

Hydraulic scale removal in United States metallurgical plants [from "Iron and Steel Engineer" no. 12, 1958]. A M Savin. Metallurg 5 no.8:37-38 Ag '60.

UNITED STATES—MILITARY BASES

American military bases as a threat to peace. Blok agit [Ukr.] no.16:58-59 Je '60

UNITED STATES—MILITARY POLICY

Osgood, Robert Endicott. [Limited war. Translated from the English. Preface by V.V.Mochalov] Ogranichennaia voina. Moskva, Voen.izd-vo M-va obor. SSSR, 1960. 383 p.

UNITED STATES—NEGROES—CIVIL RIGHTS

Through the pages of foreign newspapers. Sots.zakon. 37 no.6:94-96 Je '60.

UNITED STATES—NEGROES—SEGREGATION

"They looked at us as if we were monsters." Jane Filliol. Zhen.mira no.6:22 '60.

UNITED STATES—PHOTOGRAPHY OF CHILDREN

Children are the flowers of life. Albert Kahn. Sov.foto 20 no.6:22-24 Je '60

UNITED STATES—PLANTS—SOILLESS CULTURE

Soilless culture of grass. Znan.sila 35 no.7:51 Jl '60.

UNITED STATES—PLYWOOD

Production line for plywood repairs (from "Lumberman," no.13, 1959). Der.prom. 9 no.7:32 Jl '60.

UNITED STATES—POLYETHYLENE

Latest developments in the extrusion of polyethylene films (from "Brit Plast," no. 2, 1960). Plast massy no.5:71 '60.

UNITED STATES—PUBLIC HEALTH

Public health in the U.S.A. V.Saprykov. Otv.na vop trud no 116:38-42 '60.

UNITED STATES—RAILROADS—FREIGHT CARS

Gondola freight cars made of aluminum alloys (from "Railway Age," April 1960). Zhel.dor.transp. 42 no.7: 92 Jl '60.

Gondola freight cars with increased load capacity (from "Railway Age," March 1960). Zhel.dor.transp. 42 no.7:93 Jl '60.

UNITED STATES—RAILROADS—MAINTENANCE AND REPAIR

Tie handler. D.P.Belov. Put' i put.khoz. 4 no.6:48 Je '60.

UNITED STATES—REFRIGERATOR CARS

New refrigirator cars (from "Railway Age," March 1960). Zhel.dor.transp. 42 no.7:92-93 Jl '60.

UNITED STATES—REFUGEES, BALTIC—POLITICAL ACTIVITIES

Unasked for "liberators." Phillip Bonoski. Ogonek 38 no 29:25 Jl '60.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Children are the flowers of life. Albert Kahn. Sov foto 20 no.6:22-24 Je '60.

The first time in the United States. Konstantin Ivanov. Kul't.i zhizn' 4 no.6:48-51 '60

UNITED STATES—SAND AND GRAVEL PLANTS
Processing of gravel in the United States. A.I. Bychkov. Stroi.mat. 6 no.5:38-40 My '60.

UNITED STATES—SANDING MACHINES
New type of abrasive wheels (from "Wood-worker," 78, no.7,1959). Der. prom. 9 no.5:8 My '60.

UNITED STATES—STUDENTS, RUSSIAN
A useful beginning... (to be continued) N. Vorob'shinin. Vin.m,stud,nov. 11 no.1/1 21-23 Mr-Ap '60.

UNITED STATES—TEXTILE FIBERS, SYNTHETIC
Likra, polyurethan fiber. Khim.volok. no.1:71 '60.

UNITED STATES—THEATER
First impressions. P. Markov. Teatr 21 no.6:161-168 Je '60.

UNITED STATES—THIOPHENE
Continuous chemical refining of crude benzene with the removal of thiophene (from "Blast Furnace and Steel Plant," no.2, 1959). Koks i khim. no.5:61 '60.

UNITED STATES—TIRE FABRICS
Carbon black rubbers prepared by a new method. Kauch. i rez. 19 no.5:63 My '60.

UNITED STATES—TRADE UNIONS
The American Maritime Union and its policy. B.Tarasova. Nov.vrem. 18 no.28:17-19 Jl '60.
Meany's grimaces. I.Lapitskii. Mezhdunar. zhizn' 7 no.8:125-126 Ag '60.

UNITED STATES—TRUSTS, INDUSTRIAL
Voltoman, N.R. [Financial statements of monopolies reveal...] Balansy monopolii svidetel'stvuiut... Moskva, Izd-vo IMO, 1960. 30 p.

UNITED STATES—TUNNELING
Construction of a double-track tunnel in the United States. I.S.Voitenko. Transp.stroi. 10 no.6:56-57 Je '60.

UNITED STATES—TURPENTINE
New resin-turpentine products. P.N.Obtrakh. Gidroliz. i lesokhim. prom. 13 no.5:31-32 '60.

UNITED STATES—UKRAINIANS
"Ukrainian labor immigration in the U.S.A. and Canada in the late 19th and early 20th century" by A.M.Shlepakov. Reviewed by M.I.Lozinsk. Ukr.ist.zhur. 4 no.4:128-130 Jl-Ag '60.

UNITED STATES—WAR—ECONOMIC ASPECTS
The armament race and the gold reserve of the U.S.A. I.Zlobin. Den.i kred. 18 no.7:76-83 Jl '60.

UNITED STATES CONGRESS—RULES AND PRACTICE
Essentially the same story. V.Shakhov. Sov.deput.trud. no.7:107-110 Jl '60.

UNIVERSITIES AND COLLEGES
(see also subdivision under Eindhoven, Holland; Moscow; Poland; Uganda)
First stage of the reform of Soviet institutions of higher education. R.Korcha. Mat.Soob.Inf.otd.Inst.po Each SSSR no.11:21-30 Ap '60.

UNIVERSITIES AND COLLEGES—ENTRANCE REQUIREMENTS
Ezhov, V.A., IU.D.Margolis, and S.I.Peshtich. [How to prepare yourself to take college entrance examinations; the history of the U.S.S.R.] Kak gotovit'sia k priemnym ekzamenam v vuz; istoriia SSSR. [Leningrad] Leningr.univ., 1959. 98 p.
(NNC)
Sault, V.N., and V.IU.Padalko. [How to prepare for entrance examinations in institutions of higher learning; physics] Kak gotovit'sia k priemnym ekzamenam v VUZ; fizika. [Leningrad] Izd-vo Leningr.univ., 1960. 261 p.

UNJUST ENRICHMENT
Aron Gusovskii's last flight. V.Tonkikh. Sov.iust. no.6:16-19 Jl '60.

UNSATURATED COMPOUNDS
Synthesis of some new unsaturated esters. M.T.Dangian, S.V.Arakelian. Izv.AN Arm.SSR Khim.nauki 13 no.1:51-53 '60.

UN'YA VALLEY—CAVES
The Un'ya cave site in the Pechora River Basin. G.A.Chernov. Sov.arkheol. 4 no.2:234-238 '60.

UPLISTSIKHE—CAVE CHURCHES
Three-nave cave basilica in the ancient city of Uplistsikhe. N.G.Chubinashvili. Soob.AN Gruz.SSR 24 no.4:507-512 Ap '60.

URAL MOUNTAIN REGION—APARTMENT HOUSES
Work practices of the Bazstroi Trust. M. Monastyrskii, A.Andrievskaia. Stroitel' no.6:3-6 Je '60.

URAL MOUNTAIN REGION—BRONZE AGE
On cultures of the trans-Ural forest zone. N.P.Kiparisova. Sov.arkheol. 4 no.2:7-21 '60.

URAL MOUNTAIN REGION—BUILDING TRADES—STUDY AND TEACHING
Expand the dissemination of advanced practices. T.Lodochkina. Stroitel' no.6:10 Je '60.

URAL MOUNTAIN REGION—CHEMICAL APPARATUS—WELDING
Mechanization of welding operations at the Ural Chemical Machinery Plant. I.N.Starichenko. Svar.proizv. no.6:25-26 Je '60.

URAL MOUNTAIN REGION—COLLECTIVE FARMS—INCOME DISTRIBUTION
In the Department of Economic Research of the Urals Branch of the Academy of Sciences of the U.S.S.R. V.Slobodin. Vop.ekon. no.4:159-160 Ap '60.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC
Precised unified diagrams of the Paleozoic stratigraphy of the Volga-Ural oil-bearing province, 1960. S.V. Semikhatova and others. Geol.nefti i gaza 4 no.6:57-3 of cover Je '60.

URAL MOUNTAIN REGION—HISTORY
More attention to local history. V.V.Mukhin. Ist.SSSR 4 no.3:204-205 My-Je '60.

URAL MOUNTAIN REGION—LIBRARY CONFERENCES
Meeting of the Council of the Ural Regional Union of Libraries. V.P.Novoselov. Sov.bibl. no.4:157 '60.

URAL MOUNTAIN REGION—METALLURGICAL LABORATORIES
In the central laboratory of the Verkh-Isetskiy Metallurgical Plant. G.N.Shubin. Zav.lab. 26 no.7:897-898 '60.

URAL MOUNTAIN REGION—PALEOGEOGRAPHY
Main stages in the ethnic-cultural history and paleogeography of the Urals. O.N.Bader. Mat.i issl.po arkheol. 79:88-101 '60.

URAL MOUNTAIN REGION—POWER RESOURCES
In the Department of Economic Research of the Urals Branch of the Academy of Sciences of the U.S.S.R. V.Slobodin. Vop.ekon. no.4:159-160 Ap '60.

URAL MOUNTAIN REGION—PROSPECTING
Greater responsibilities with greater rights. I.A.Shulaenko. Razved.i okh.nedr 26 no.5:50-51 My '60.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1921
October in the Trans-Urals. "The October Socialist Revolution and the struggle for the establishment of the Soviet regime in the Trans-Urals" by P.I.Roshchevskii. Reviewed by M.L.Itkin. Ist.SSSR 4 no.3:165-166 My-Je '60.
Sverdlovsk. Institut istorii partii. [Communists of the Ural Mountain Region during the civil war] Kommunisty Urala v gody grazhdanskoi voiny. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1959. 470 p.
(NNC)

URAL MOUNTAIN REGION—STONE AGE
Main stages in the ethnic-cultural history and paleogeography of the Urals. O.N.Bader. Mat.i issl.po arkheol. 79:88-101 '60.
On cultures of the trans-Ural forest zone. N.P.Kiparisova. Sov.arkheol. 4 no.2:7-24 '60.

URAL MOUNTAIN REGION—WATER SUPPLY, RURAL—CONGRESSES
Interprovince conference of specialists in the water economy of the Urals and Western Siberia. V.P.Bogoslovskii. Gidr.i mel. 12 no.6:62-64 Je '60.

URAL MOUNTAINS—AMMONOIDEA
"More Mississippian goniatites" [in English] by Rousseau H.Flower, Mackenzie Gordon. Reviewed by V.N.Shimanskii. Paleont.zhur. no.2:156-162 '60.

URAL MOUNTAINS—BAUXITE
Weathered surface and its association with the bauxites of the Northern Urals. P.L.Vinokurov, I.S.Gutkin. Geol.rud.mestorozh. no.1:111-119 Ja-F '60.

URAL MOUNTAINS—CLIMATE
Climatic characteristics of the central Urals. A.G.Chikishev. Biul.MOIP.Otd.geol. 35 no.1:127-129 Ja-F '60.

URAL MOUNTAINS—COPPER MINES AND MINING
Increasing the output of cement copper at Ural's copper mines. V.Karabach. Gor.zhur. no.7:31 Jl '60.

URAL MOUNTAINS—COPPER ORES
Geochemical characteristics of the distribution of chemical elements in copper-zinc deposits of the Central Urals [with summary in English, pp.209-210]. F.K. Lazarenko. Probl.geokhim. no.1:190-217 '59.

URAL MOUNTAINS—CORALS, FOSSIL
Pseudouralinia and Cystophrentis from the upper Tournaisian of the sub-Arctic Urals. IU.G.Rogozov. Paleont.zhur. no.2:40-43 '60.

URAL MOUNTAINS—GEOLOGY
Characteristics of Devonian sediments and new data on the geological history of the Urals. [illegible] M. Andronov. Biul.MOIP.Otd.geol. 35 no.1:[illegible] Ja-F '60.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Find of remains of [illegible] in the Karabash area and the age of [illegible] deposits. A.D.[illegible] Sov.geol. 3 no.[illegible] My '60.

URAL MOUNTAINS—GLACIOLOGICAL RESEARCH
Bolshaya Khadyta Station. D.IU.Vendel. Nauka i zhizn' 27 no.6:58-59 Je '60.

URAL MOUNTAINS—ORE DEPOSITS
Vein rocks in the Bardym deposit and their association with pyrite ores and formations [illegible] [with summary in English]. [illegible] geol. 3 no.[illegible] My '60.

URAL MOUNTAINS—PINE
Pine forests of the southern Urals. [illegible] A.M.[illegible] Priroda 49 no.[illegible] '60.

URAL MOUNTAINS—PYRITES
[illegible] of pyrite deposits in the central Urals. A.N.[illegible] [illegible] geol.[illegible] no.[illegible] 105 Mr '60.
Participation of [illegible] in the oxidation of sulfide ores in pyrite deposits of the Central Urals [with summary in English]. [illegible] Mikrobiologiia [illegible]

URAL MOUNTAINS—QUARTZ
Role of colloids in the formation of quartz in pyrite deposits of the Central Urals [with summary in English, p.[illegible]]. IU.A.Polkanov. Probl.geokhim. no.1:[illegible] '59.

URAL MOUNTAINS—ZINC ORES
Geochemical characteristics of the distribution of chemical elements in copper-zinc deposits of the Central Urals [with summary in English, pp.209-210]. F.K. Lazarenko. Probl.geokhim. no.1:190-217 '59.

URAL VALLEY—MUSHROOMS
Some pore fungi on deciduous plants in the flood plain of the Ural River. IU.V.Sinadskii, M.A.Bondartseva. Bot.mat.Otd.spor.rast. 13:[illegible] '60.

URAL VALLEY—SNOW
Distribution of snow in drainage basins of the southern part of the trans-Volga region and the spring surface runoff. N.V.Razumikhin. [illegible] 92 no.[illegible] 105 '60.

URAL VALLEY—WOOD-DECAYING FUNGI
Some pore fungi on deciduous plants in the flood plain of the Ural River. IU.V.Sinadskii, M.A.Bondartseva. Bot.mat.Otd.spor.rast. 13:[illegible] '60.

URAL'SK—INDUSTRIAL MANAGEMENT
[illegible] 49-[illegible] Jl '60.

URAL'SK—THEATER
A whole century. [illegible] Teatr [illegible] 140-141 Je '60.

URANATES
Complex nature of the uranates. [illegible] 1401-1412 Jl '60.

URANIC ACID
Conditions under which [illegible] '60.

URANINITE
Behavior of [illegible] solutions with [illegible]
Chemical [illegible] Jl '60.

URANIUM
Extraction of uranium from [illegible] by means of tributyl phosphate. V.M.Vdovenko, A.A.Lipovskii, S.A.Nikitina. [illegible] 5 no.4:[illegible]-940 Ap '60.
[illegible] [with summary in English] [illegible]
Internal friction in [illegible] Atom.energ. [illegible]
Mechanism of extraction of uranium with tributyl phosphate from hydrochloric acid solutions. [illegible] Shevchenko and others. [illegible] 1095-1097 My '60.
Remarks of V.I.Baranov [illegible]
Some remarks on A.G.Betekhtin's [illegible] radioactive elements [illegible] deposits" V.I.Baranov [illegible] 124 [illegible]

Uranium minerals; handbook by M. V. Soboleva, I. A. Pudovkina. Reviewed by G. S. Gritsaenko, I. N. Belova. Zap. Vses. min. ob-va 89 no. 2:247-250 '60.

Wulfenite containing uranium. A. A. Chernikov and others. Zap. Vses. min. ob-va 89 no. 2:180-186 '60.

URANIUM—ANALYSIS

Analytical chemistry of uranium. Report No. 1. Luminescence method for determining uranium [with summary in English]. V. F. Grigor'ev, V. F. Luk'ianov, E. P. Duderova. Zhur. anal. khim. 15 no. 2:184-190 Mr-Ap '60.

Photometric determination of microquantities of uranium with arsenazo III [with summary in English]. V. F. Luk'ianov, S. B. Savvin, I. V. Nikol'skaia. Zhur. anal. khim. 15 no. 3:311-314 My-Je '60.

Spectral determination of uranium by the method of isotope additions [with summary in English]. N. P. Ivanov. Zhur. anal. khim. 15 no. 3:316-320 My-Je '60.

URANIUM—ISOTOPES

Comparing the probabilities of triple fission on U^{233}, U^{235} and Pu^{239}. V. V. Dmitriev and others. Zhur. eksp. i teor. fiz. 38 no. 3:998-999 Mr '60.

Investigation of α-decay of U^{236} [with summary in English]. A. P. Komar, G. A. Korolev, G. E. Kocharov. Zhur. eksp. i teor. fiz. 38 no. 5:1436-1438 My '60.

Kinetic energy of the fragments of the photofission of U^{238} [with summary in English]. B. A. Bochagov, A. P. Komar, G. E. Soliakin. Zhur. eksp. i teor. fiz. 38 no. 5:1374-1380 My '60.

Measuring the spectra and average number of neutrons in the fission of U^{235} and U^{238} induced by 14.3 Mev neutrons [with summary in English]. IU. A. Vasil'ev and others. Zhur. eksp. i teor. fiz. 38 no. 3:671-684 Mr '60.

Range and kinetic energy dispersion of U^{233} fission fragments [with summary in English]. K. A. Petrzhak, IU. G. Petrov, E. A. Shliamin. Zhur. eksp. i teor. fiz. 38 no. 6:1723-1726 Je '60.

URANIUM COMPOUNDS

Polarography of uranium compounds in carbonate and bicarbonate solutions. A. I. Stabrovskii. Zhur. neorg. khim. 5 no. 4:811-820 Ap '60.

URANIUM FLUORIDE

Heat capacity of UF$_4$ in the interval of 100 to 400°. G. L. Gal'chenko, IU. V. Gagarinskii, M. M. Popov. Zhur. neorg. khim. 5 no. 7:1631-1633 Jl '60.

URANIUM ORES

Exogenous processes in the formation of uranium deposits. A. G. Betekhtin. Geol. rud. mestorozh. no. 6:5-26 N-D '59.

Surazhskii, D. IA. [Methods of prospecting and exploration of uranium deposits] Metody poiskov i razvedki mestorozhdenii urana. Pod red. V. I. Smirnova. Moskva, Izd-vo glav. upr. po ispol'zovaniiu atomnoi energii pri Sovete Ministrov SSSR, 1960. 240 p.

Uranium mineralization in carbonate sedimentary rocks. V. I. Danchev and others. Geol. rud. mestorozh. no. 6:27-41 N-D '59.

Use of the isotopic composition of lead in the prospecting for uranium ores. D. IA. Surazhskii, A. I. Tugarinov. Atom. energ. 9 no. 1:21-26 Jl '60.

URANIUM OXALATE

Solubility product of uranium (IV) oxalate, and composition and dissociation constants of oxalate complexes of U (IV) ions in aqueous solutions. E. A. Zakharova, A. I. Moskvin. Zhur. neorg. khim. 5 no. 6:1228-1233 Je '60.

URANIUM OXIDE

Experimental data on the crystallization of the uranium dioxide under hydrothermal conditions. B. P. Rafal'skii, IU. M. Kandykin. Geol. rud. mestorozh. no. 1:98-106 Ja-F '60.

URANYL COMPOUNDS

Aquooxalatosulfate compounds of uranyl. I. I. Cherniaev, V. A. Golovnia, R. N. Shchelokov. Zhur. neorg. khim. 5 no. 7:1451-1466 Jl '60.

Thiocyanate compounds of uranyl. V. P. Markov, E. N. Traggeim. Zhur. neorg. khim. 5 no. 7:1467-1473 Jl '60.

Thiocyanate uranyl compounds. V. P. Markov, E. N. Traggeim. Zhur. neorg. khim. 5 no. 7:1493-1501 Jl '60.

URANYL NITRATE

Behavior of copper nitrate in the extraction of uranyl and plutonium nitrates with tributyl phosphate solutions. V. B. Shevchenko, I. V. Shilin, IU. F. Zhdanov. Zhur. neorg. khim. 5 no. 6:1366-1374 Je '60.

URANYL THIOSULFATE

Uranyl thiosulfate. A. E. Klygin, N. S. Koliada. Zhur. neorg. khim. 5 no. 5:1170-1171 My '60.

UREA

Adaptation of somatic muscles of the frog to the action of urea. N. B. Il'inskaia. Dokl. AN SSSR 133 no. 3:722-725 Jl '60.

Vertman, S G Ryklis, T S. Ginzburg. Pat., klin. i terap. tub. no. 8:88-91 '58.

Comparative cytophysiological analysis of the reactivity of muscle fibers to the action of urea. B. P. Ushakov, S. A. Krolenko. Dokl. AN SSSR 133 no. 3:726-729 Jl '60.

Complex formation of carbamide in the presence of water as an activator. J. Bathory. Khim. i tekh. topl. i masel 5 no. 5:21-26 My '60.

Determination of small amounts of thiourea in copper electrolytes on a rotating platinum anode [with summary in English]. V. I. Ginzburg. Zhur. anal. khim. 15 no. 3:355-358 My-Je '60.

Kinetics of the condensation reaction between urea and formaldehyde at high temperatures. V. N. Gorbunov, S. S. Rydvanova. Plast. massy no. 4:5-8 '60.

Some new derivatives of thiourea. Furoyl- and benzoylthiourea. I. G. Gakh, Z. N. Nazarova. Zhur. ob. khim. 30 no. 7:2183-2186 Jl '60.

Synthesis and rearrangements in the thiazoline imine series. Part 1: Condensation of chloroacetone and α-chlorocyclohexanone with sym. diaryl- and arylacylthioureas. K. M. Murav'eva, M. N. Shchukina. Zhur. ob. khim. 30 no. 7:2327-2334 Jl '60.

Synthesis and rearrangements in the thiazoline imine series. Part 2: Condensation of ω-bromoacetophenone with N-phenyl-N'-acylthioureas. K. M. Murav'eva, M. N. Shchukina. Zhur. ob. khim. 30 no. 7:2334-2340 Jl '60.

URETHAN

Likra, polyurethan fiber. Khim. volok. no. 3:71 '60.

Polyurethans as construction materials. Di Pinto, McCready. Kauch. i rez. 19 no. 5:58-63 My '60.

URGINEA

Biological characteristics of bulbaceous geophytes as related to their past and present ecology. I. P. Savos'kin. Bot. zhur. 45 no. 7:1073-1078 Jl '60.

URINE—ANALYSIS AND PATHOLOGY

Change in the mineral composition of the urine (potassium, calcium, inorganic phosphorus, and chlorine) in rabbits following the removal of a tourniquet. O. D. Sidorenko. Uch. zap. 2-go MGMI 17:211-214 '58.

Changes in the blood and urine of animals infected with tick-borne paralysis. V. N. Kusov, Z. K. Pospelova, V. M. Petoshev. Trudy Inst. zool. AN Kazakh. SSR 12:226-235 '60.

Complexometric determination of calcium and magnesium in the urine. S. I. Pekhtereva. Lab. delo 6 no. 3:17-20 My-Je '60.

URINE—SUPPRESSION

Ontogenetic changes in the osmoregulating reflex [with summary in English]. L. I. Kurduban, IA. D. Finkinshtein. Biul. eksp. biol. i med. 49 no. 1:17-20 Ja '60.

UROBILINS

Simplified method for determining the curve of the daily secretion of urobilin. P. S. Stepanov. Lab. delo 6 no. 3:32 My-Je '60.

URT-GOLYN-ULAN-KISA (MONGOLIA)—PLAGUE

Plague outbreak among marmot hunters in the vicinity of Urt-Golyn-Ulan-Kisa. G. S. Letov, P. IA. Usova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:111-115 '59.

URUGUAY—COMMUNISM

The influence of Leninism on the labor movement in Uruguay. Francisco R. Pintos. Nov. i noveish. ist. no. 2:70-93 '60.

URUGUAY—LABOR AND LABORING CLASSES

The influence of Leninism on the labor movement in Uruguay. Francisco R. Pintos. Nov. i noveish. ist. no. 2:70-93 '60.

URVANTSEV, NIKOLAI NIKOLAEVICH

Awarding the Grand Gold Medal of the Geographical Society of the U.S.S.R. to N. N. Urvantsev. Inform. biul. NIIGA no. 14:5-6 '59.

URYUPINSK—BANKS AND BANKING—ACCOUNTING

Our potentials. D. Fedorov. Den. i kred. 18 no. 7:64-65 Jl '60.

URYUPINSK—MACHINE ACCOUNTING

Our potentials. D. Fedorov. Den. i kred. 18 no. 7:64-65 Jl '60.

USMAN, SEMBEN

"My motherland, my wonderful country!"; a novel by Semben Usman. Reviewed by L. Kletskii. Zvezda no. 5:219 My '60.

USPENSKII, GLEB IVANOVICH, 1843-1902

On the problem of a positive hero in G. I. Uspenskii's book "Destruction." A. I. Nikitina. Uch. zap. Ped. inst. Gerts 210:47-65 '59.

USSURIYSK—RATS

Case of importation of black rats into the city of Ussuriysk. V. V. Shkilev, L. V. Temnikova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 19:98-100 '58.

Construction work under the seven-year plan. Sakh. prom. 34 no. 6:59 Je '60.

USTYUZHNA—CHURCH DEDICATION

Church ceremony on the occasion of the renovation of an ancient church. Zhur. Mosk. Patr. no. 6:31 Je '60.

UTERUS

Relation between restorative processes in the uterus and the duration of its activity [with summary in English]. S. I. Moldavs'ka. Fiziol. zhur. [Ukr.] 6 no. 3:365-371 My-Je '60.

UTERUS—CANCER

Early diagnosis of cancer of the cervix uteri. N. V. Fedorova. Lab. delo 6 no. 3:4-6 My-Je '60.

UTERUS—INNERVATION

Structure of intramural innervating mechanisms of the uterus in animals before pregnancy, at various stages in pregnancy, and during and after labor. M. S. Gigineishvili. Soob. AN Gruz. SSR 24 no. 4:485-492 Ap '60.

UTERUS—TUMORS

Combination of fibromyoma of the corpus uteri with extrauterine pregnancy. F. M. Sabirov. Kaz. med. zhur. 40 no. 5:78-79 S-O '59.

UYAR—SAND CLEANING

The washing of sand for making contact-network poles. N. E. Vashchenko. Transp. stroi. 10 no. 6:55 Je '60.

UZBEK LANGUAGE—TECHNICAL UZBEK

Study textbooks on popular scientific literature on physics in the Uzbek language during the 40 years of Soviet power (1917 to 1957). A. A. Samigdzhanov. Trudy SAGU no. 118:99-115 '59.

UZBEK MANUSCRIPTS see Manuscripts, Uzbek

UZBEKISTAN—AGRICULTURAL MACHINERY INDUSTRY

Affairs and needs of a plant. G. Nikolaev. Uzbekiston 18 no. 6:11 Je '59.

UZBEKISTAN—ALLUVIUM

Accumulation of sediment in dry valleys. G. F. Tetiukhin. Izv. Uzb. fil. Geog. ob-va 4:104-105 '60.

UZBEKISTAN—ANTHRAXOLITE

Find of anthraxolite in the Uch-Kulach complex metal deposit. G. M. Chebotarev, G. P. Chebotareva. Zap. Uz. otd. Vses. min. ob-va no. 13:134-138 '59.

UZBEKISTAN—CHEMICAL INDUSTRIES

Conference of the workers of chemical and cement industries of Uzbekistan. R. N. Ivanov. Zav. lab. 26 no. 7:906 '60.

UZBEKISTAN—COTTON GROWING

For the over-all mechanization of cotton growing. M. Ibragimov. Mol. komm. no. 8:35-42 Ag '60.

UZBEKISTAN—CRIMINAL LAW

New criminal code of the Uzbek S. S. R. Kh. Sulaimanova. Sots. zakon. 37 no. 6:24-27 Je '60.

UZBEKISTAN—DEUTEROMYCETES

New species of imperfect fungi collected in Uzbekistan in 1954. N. P. Golovina. Bot. mat. Otd. spor. rast. 13:233-240 '60.

UZBEKISTAN—ECONOMIC CONDITIONS

Academic session of the Academy of Sciences of the Uzbek S.S.R. dedicated to the 90th anniversary of V. I. Lenin's birth. V. F. Samyshkin. Izv. AN Uz. SSR. Ser. obshchestv. nauk no. 3:56-59 '60.

In the land of plenty. Sovr. Vost. no. 7:17-19 Jl '60.

Observer's notes. Uzbekiston 18 no. 6:2 Je '59.

UZBEKISTAN—FAMILY

Bikzhanova, M. A. [Family on the collective farms of the Uzbekistan] Sem'ia kolkhozakh Uzbekistana; na materialakh kolkhozov Namanganskoi oblasti. Tashkent, Izd-vo Akad. nauk Uz. SSR, 1959. 134 p.

UZBEKISTAN—FARM MECHANIZATION

For the over-all mechanization of cotton growing. M. Ibragimov. Mol. komm. no. 8:35-42 Ag '60.

UZBEKISTAN—FINANCE

For a fuller disclosure of hidden potentialities and their speedier realization. V. Muratkhodzhaev. Fin. SSSR 21 no. 7:37-41 Jl '60.

UZBEKISTAN—FISH CULTURE

Pisciculturel research in Uzbekistan. V. F. Gurvich. Uch. biol. zhur. no. 3:39-41 '60.

UZBEKISTAN—GAS—HEATING AND COOKING

Gas for mass consumption. R. I. Rakhimov. Uzbekiston 18 no. 6:19 Je '59.

UZBEKISTAN—GEOGRAPHY

"The Uzbek S. S. R." ed. by N. L. Korzhenevskii. Reviewed by IU. G. Saushkin. Izv. Uzb. fil. Geog. ob-va 4:123-125 '60.

UZBEKISTAN—GEOLOGY, STRUCTURAL
V.I. Lipskii's geomorphological observations within the territory of present-day Uzbekistan. O.IU. Poslavskaia. Izv. Uzb. fil. Geog. ob-va 4:81-89 '60.

UZBEKISTAN—HISTORY
Zevelev, A.I. [History of the civil war in Uzbekistan] Iz istorii grazhdanskoi voiny v Uzbekistane. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1959. 406 p.
(MH)

UZBEKISTAN—HISTORY—BIBLIOGRAPHY
Review of literature on the problem of the formation of the Uzbek bourgeois nation. O.P. Umurzakova. Izv. AN Uz.SSR. Ser. obshchestv. nauk no.3:54-55 '60.

UZBEKISTAN—HISTORY—STUDY AND TEACHING
From the work practice of academic seminars. O.D. Chekhovich. Izv. AN Uz.SSR. Ser. obshchestv. nauk no.3:64-65 '60.

UZBEKISTAN—MINERALOGY
Mineralogical study of certain items found in the course of archeological excavations in the Ak-tepe. N.I. Vlasichenko. Zap. Uz. otd. Vses. min. ob-va no.11: 120-124 '59.

UZBEKISTAN—MOTION-PICTURE PLAYS
To bear suffering. I. Levshina. Isk. kino no.5:100-105 My '60.

UZBEKISTAN—MUSIC—HISTORY AND CRITICISM
Vyzgo, T.S. [Uzbek S.S.R.] Uzbekskaia SSR. Izd. 2. Moskva, Muzgiz, 1957. 91 p. (Muzykal'naia kul'tura soiuznykh respublik)
(CU)

UZBEKISTAN—ORIENTAL STUDIES
Uzbek orientalists on the eve of the congress [with English summary in insert]. Sabokhat Azimdzhanova. Sov. Vost. no.7:6-7 Jl '60.

UZBEKISTAN—POLITICS AND GOVERNMENT
Agzamkhodzhaev, A., and Sh.Z. Urazaev. [Development of the Soviet Uzbek state] Razvitie sovetskoi gosudarstvennosti v Uzbekistane. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 135 p.

Second session of the Supreme Soviet of the Uzbek S.S.R. Uzbekiston 18 no.6:3 Je '60.

UZBEKISTAN—PUPPETS AND PUPPET PLAYS
Live puppets. D. Ginzberg. Uzbekiston 18 no.6:25 Je '60.

UZBEKISTAN—REGIONAL PLANNING
Regional planning in Uzbekistan. A. Zotov. Arkhit. SSSR no.7:31-33 '60.

UZBEKISTAN—RESERVOIRS
Smell of the sea. K. Madaliev. Uzbekiston 18 no.6: 13 Je '60.

UZBEKISTAN—ROAD CONSTRUCTION
Road construction in Uzbekistan is carried out by collective farmers. V.K. Zhivaev. Avt. dor. 23 no.7:30 Jl '60.

UZBEKISTAN—SPORTS
Sports page. D. Ostrilskii, N. IAkubov. Uzbekiston 18 no.6:23 Je '60.

UZBEKISTAN—SUSLIKS
Ecology of the susliks Citellus fulvus and Spermophilopsis leptodactylus in Uzbekistan. M.S. Sultanov. Uzb. biol. zhur. no.3:40-54 '60.

UZBEKS
"Tarikh-i-Abu-l-Khair-Khani" as a source of the history of nomadic Uzbeks. B. Akhmedov. Vest. LGU 15 no.14: 147-149 '60.

UZBOY—PHYSICAL GEOGRAPHY
Soil and geobotanical characteristics of geomorphological elements in the lower Uzboy. B.V. Vinogradov. Bot. zhur. 45 no.5:720-727 My '60.

UZBOY—RUNOFF
On the existence of Uzboy runoff through the Adzhaib. L.G. Nikiforov. Vest. Mosk. un. Ser. 5 Geog. 15 no.3: 69-71 My-Je '60.

UZHGOROD—PLANE TREE
Forefather of European plane trees. M. Mykhailov. Ukraina no.13:12 Jl '60.

UZUN-KOL VALLEY—ANTIQUITIES
A settlement at the mouth of the Uzun-Kol River. T.M. Mineeva. Sov. arkheol. 4 no.2:193-207 '60.

VACATIONS
In the Presidium of the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 3 no.3:72-73 Mr '60.

VACCINATION
Complex immunization with live vaccines. I.I. Klein and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:225-236 '59.

Harmlessness of bivalent live plague vaccine from strains 17 and EV to guinea pigs. L.I. Klein, R.S. Kolesnik. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:113-116 '57.

Immunity. R. Florkin. Sem'ia i shkola 15 no.6:11-[illegible] Je '60.

On proposal for a card register of preventive inoculations given to children. A.N. Adamchenko. Zdrav. Belor. 5 no.3:[illegible] Mr '59.

VACCINES
Determination of the immunogenic properties of serially produced bivalent vaccines on the basis of minimal immunizing doses. V.IA. Mikhaleva and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:207-211 '59.

Experimental and morphological data on the effect on the body of bivalent live plague vaccine. L.I. Klein, R.S. Kolesnik. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:107-112 '57.

Experimental development of a vaccine against ornithosis (psittacosis). I.I. Terskikh, L.N. Kuborina, V.M. Bolotovskii. Voen.-med. zhur. no.6:29-32 Je '60.

Immunogenic properties of bivalent vaccine in relation to the dissociation of standard vaccines of plague strains. V.IA. Mikhaleva and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:211-217 '59.

New vaccine of B. Pestis 17 strain. V.IA. Mikhaleva. Izv. Irk. gos. nauch.-issl. protivochum. inst. 15:127-135 '57.

Obtaining cholera monovaccine resistant to lysis. V.I. Titova and others. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14:79-81 '57.

Significance of the capsule of the plague microbe in the problem of live vaccines. A.D. Garmonova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:100-106 '59.

VACUUM
Danilin, B.S. [Vacuum] Vakuum. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no.16)

VACUUM APPARATUS
Danilin, B.S. [Vacuum] Vakuum. Moskva, Izd-vo "Znanie," 1960. 30 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 4, Nauka i tekhnika, no.16)

High-vacuum quartz oven with rotating membrane for measurements of surface tension at high temperatures and other investigations [with summary in English]. V.I. Smirnova, B.F. Ormont. Zhur. fiz. khim. 34 no.6:1386-1389 Je '60.

Single-chamber vacuum-drying apparatus (first variant) and the method of working on it. V.P. Lesnov. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:[illegible] '59.

Use of the vacuum-extractor in obstetrics. G.I. Gendelev. Fel'd. i akush. 25 no.5:59-60 My '60.

Vacuum unit for thermal treatment. B.M. IAkovlev, B.A. Apaev. [illegible] 36 no.5:67-[illegible] '60.

VACUUM METALLURGY
Akademiia nauk SSSR. Institut metallurgii. [Use of vacuum in metallurgy] Primenenie vakuuma v metallurgii. Moskva, Izd-vo Akad. nauk SSSR, 1960. 143 p.

Industrial testing of the vacuum method of zinc distillation out of silver scum. M.P. Smirnov and others. Tsvet. met. 33 no.5:31-38 My '60.

VACUUM PUMPS
Friction-ion pump. V.I. Kushtyshev. Priroda 49 no.7:112 Jl '60.

Investigating miniature models of an ionic pump. G.A. Kovalevskii, S.A. Kuchai. Prib. i tekh. eksp. no.2: 100-105 Mr-Ap '60.

VAGUS NERVE
Peculiarities in the physiology of bile secretion in hens. V.V. Ili. Trudy Inst. fiziol. AN Kazakh. SSR 4:91-95 '60.

Respiratory atrioventricular block. P.B. Babskii, I.S. Ul'ianinskii. Dokl. AN SSSR 133 no.3:710-713 Jl '60.

VALLEYS
Elements of the morphometric analysis of river valleys. I.V. Bashaev, N.S. Kalachev. Izv. AN Kazakh. SSR. Ser. energ. no.2:3-11 '60.

VALVES
Diaphragm regulating valves for viscous liquids. M.G. Slobodkin, A.I. Frolov. Khim. i tekh. topl. i masel 5 no.6:50-53 Je '60.

Practical advice pertaining to the operation of the engineer's valve, conditional No. 222. V.N. Gora. Elek. i tepl. tiaga 4 no.3:44-46 Mr '60.

VANADIUM
Effect of vanadium on the properties of commercial alloys with a nickel base. I.M. Savitskii, U.K. Duisemaliev. Vest. AN Kazakh. SSR 16 no.6:43-47 Je '60.

Phase diagram of the system TiFe - V. Di Tsin-Kuan, I.I. Kornilov. Zhur. neorg. khim. 5 no.4:903-907 Ap '60.

Separation of vanadium from phosphorus by electrolysis. A.S. [illegible], O.A. [illegible]. Zhur. prikl. khim. 33 no.7:[illegible] Jl '60.

Vanadium removal from iron melt in the converter by blowing in pulverized oxidizers [with summary in English]. A.N. [illegible]. Stal' 20 no.4:[illegible] Ap '60.

VANADIUM—ANALYSIS
Gravimetric microdetermination of vanadium by means of [illegible] [with summary in English]. [illegible] 15 no.2:[illegible] Mr-Ap '60.

VANADIUM OXIDE
Characteristics of the catalytic oxidation of naphthalene. Part 1. Kinetics of oxidation of phthalic anhydride on a vanadium oxide catalyst. V.IA. Vol'fson, L.P. [illegible], V.A. Roiter. Ukr. khim. zhur. 26 no.3: 305-311 '60.

VANADIUM PERMENDUR
Effect of vanadium on the thermomagnetic properties of permendur. [illegible] TSNIIChM no.[illegible] '60.

VAPOR DENSITY
Experimental determination of [illegible]

Vapor densities of some intermediate products of the coal-tar and turpentine industry. N.A. [illegible], A.N. [illegible] '60.

VAPOR PRESSURE
Direct method of vapor pressure determination [with summary in English]. [illegible] Zhur. fiz. khim. 34 no.7:[illegible] Jl '60.

Effect of oxide films on the rate of vaporization [with summary in English]. A.A. [illegible] Zhur. fiz. khim. 34 no.[illegible] '60.

Measurement of the [illegible]

Measurement of the [illegible]

Temperature dependence of [illegible]

Vapor pressure of [illegible]

VARVAROVKA—HOSPITALS, RURAL
Work of a consolidated [illegible] '60.

[illegible]

[illegible]

[illegible]

[illegible]

[illegible] DISTRICT—[illegible]

[illegible]

[illegible]

[illegible]

VAUDEVILLE
[illegible]

[illegible]

[illegible]

VEGETABLE GARDENING
(see also [illegible] White Russia)

Alimov, M.D. [Vegetables [illegible]] [illegible] 1960. [illegible]
(DA)

Collective and private vegetable gardens [illegible] no.6:[illegible] Je '60.

Il'in, B.A. [illegible] tables and [illegible] Voprosy ekonomiki [illegible] 1960. 118 p.

[illegible], D.V., ed. [Vegetables [illegible]] [illegible] sel'khoz. lit-ry, [illegible]
(DA)

[Private garden plots and orchards] Sad i ogorod na priusadebnom uchastke. Izd. 2, dop. [Moskva] Mosk. rabochii, 1959. 398 p.
(DA)

Useful advice to truck farmers. B. Aleksandrov. Sem'ia i shkola 15 no.6 14-15 Je '60.

Vegetables on a conveyer. V. Mikhailov. Nauka i zhizn' 27 no.7 35-39 Jl '60

VEGETABLE GARDENING—STUDY AND TEACHING

Children's vegetable garden. F. Devochkin. Doshk. vosp. 33 no.5 70-76 My '60

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE TRADE see subdivision under Moscow

VEGETABLES—STORAGE

Effect of hydroxybiphenyl on some pathogenic organisms in fruit, vegetables, and potatoes. N.M.L'vova, K.V. Nikitina. Sbor. nauch. rab. Len. inst. sov. torg. no.16: 72-75 '59.

VEHICLES

Ancient vehicles from bronze age burial mounds on the shore of Sevan Lake. A.O. Mnatsakanian. Sov. arkheol. 4 no.2:139-152 '60.

VEINS

Age-connected changes in the venous valves of the lower extremities [with summary in English]. T.A. Chetchueva. Arkh. anat. gist. i embr. 38 no.1 64-71 Ja '60

VELAZQUEZ, DIEGO RODRIQUEZ DE SILVA Y, 1599-1660

Diego Velazquez. Smena 37 no.15:25 Ag '60.

Master of merciless portraiture. K. Kravchenko. Ogonek 38 no.32 16 Ag '60.

Velázquez. E. Varnabyina. Belarus' 17 no.8:31 Ag '60.

Velazquez. K. Malitskaia. Kul't. i zhizn' 4 no.7 50 '60

VELIKIYE LUKI—PENSIONERS—SOCIETIES, ETC.

Council of pensioners employs the physically handicapped. N. Karaseva. Sots. obesp. 21 no.6:42-43 Je '60.

VELVET

Manufacture of knit velveteen. L.S. Smirnov, B.G. Asper. Tekst. prom. 20 no.7:43-44 Jl '60.

VENDING MACHINES

An important link in technical progress in commerce. I. Akulov. Sov. torg. 33 no.7 5-6 Jl '60

A stall for vending machines. I. Gorbachevskii, N. Zhloba. Sov. torg. 33 no.7 18 Jl '60

Vending machine for the sale of milk in bottles. M. Zinov'ev, I. Il'kin. Sov. torg. 33 no.6:68-71 Je '60.

VENEERS AND VENEERING

Efficient shape of fixing pins for veneer peeling machines. N. A. Zhukov. Der. prom. 9 no.5 7-8 My '60

Potentials for increasing the output of graded veneer. P. S. Gakhman. Der. prom. 9 no.7:10-11 Jl '60.

VENEREOLOGY—BIBLIOGRAPHY see Bibliography—Venereology

VENOM

If bitten by a snake. P. P. Talyzin. Zdorov'e 6 no.7:25 Jl '60

VENOM—PHYSIOLOGICAL EFFECT

"Acute abdomen" following the bite of a karakurt (Latrodectus tredecimguttatis). IA. A. Blagodarnyi. Zdrav. Kazakh. 18 no.1:60-64 '58.

VENOM—THERAPEUTIC USE

Treatment of hypertension with dibazole combined with preparations of bee venom KF-1. A.V. Levitskii. Vrach. delo no.7:119-120 Jl '60.

VENTILATION

Effect of outlets installed near the suction orifice of the ventilator on its characteristics. V. D. Dmitriev. Vod. i san. tekh. no.7:23-24 Je '60.

Standard for ventilation air ducts with rectangular cross sections. I. S. Kilachko and others. Mont. i spets. rab. v stroi. 22 no.7:28-29 Jl '60.

VENUS (PLANET)

Venus, a mysterious planet. V. Konopl'ova. Ukraina no.14:26 Ag '60.

VERDI, GIUSEPPE, 1813-1901

The melodies of Verdi. R. Shaverdian. Sov. muz. 24 no.6:94-101 Je '60

VERESAEV, V.V., pseud. see Smidovich, Vikentii Vikent'evich, 1867-1945

VERESHCHAGIN, NIKOLAI STEPANOVICH, b.1770

New materials on N. S. Vereshchagin, a prominent master in the art of bone carving. I. N. Ukhanova. Trudy Gos. Erm. 3:111-119 '59.

The voice of the past. P. Shastitko. Kul't. i zhizn' 4 no.7 59-60 '60.

VERHAEREN, EMILE, 1855-1916

The literary works of Emile Verhaeren from the 1880's to the beginning of the 1890's. I.D Nikiforova. Uch. zap. Kaf. zarub. lit. MGPI no.4 129-138 '59.

VERMICULITE

(see also subdivision under Kovdor region, Kola Peninsula)

Vermiculite deposits and their development in foreign countries. Razved. i okh. nedr 26 no.5 57-58 My '60

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945

Start of a systematic study of deposits of radioactive minerals in pre-Revolutionary Russia, work of V. I. Vernadskii. I. I. Zaitseva. Vop. ist. est. i tekh. no.9: 121-124 '60.

VERONESE, PAOLO CAGLIARI, 1528-1588

A rediscovered work by P. Veronese. Iskusstvo 23 no.5: 68-69 '60.

VERKHOYANSK RANGE—GEOLOGY

New data on the geology of the northern Verkhoyansk Range. V. M. Lazurkin. Inform. biul. NIIGA no.14:50-58 '59.

VETERANS

For those who are getting demobilized from the army. S. Kop'ev. Otv. na vop. trud. no.115:27-35 '60.

VETERANS—EMPLOYMENT

Before the big campaign. B. Gurnov. Smena 37 no.10:2 My '60.

VETERINARY BACTERIOLOGY

Miraculous preparations. P. Karasev. NTO 2 no.7:63 Jl '60.

VETERINARY HYGIENE see subdivision under Mongolia

VETERINARY MEDICINE

Changes in the blood and urine of animals infected with tick-borne paralysis. V.N. Kusov, Z.K. Pospelova, V.M. Peteshev. Trudy Inst. zool. AN Kazakh. SSR 12: 226-235 '60.

Oganesian, P.A. [Advances in veterinary medicine] Novoe v lechenii zhivotnykh. Moskva, Gos. izd-vo sel'khoz lit-ry, 1959. 260 p.
(DA)

VETERINARY MYCOLOGY

Akademiia nauk URSR, Kiev. Instytut mikrobiologii. [Mycotoxicoses in man and farm animals] Mikotoksikozy cheloveka i sel'skokhoziaistvennykh zhivotnykh. Pod red. V. I. Bilai. Kiev, 1960. 160 p.

VETERINARY PARASITOLOGY

Immunization of farm animals against helminthiases. V.S. Ershov. Trudy Inst. zool. AN Kazakh. SSR 12:96-103 '60.

VETERINARY PHYSIOLOGY—STUDY AND TEACHING

Zherebtsov, P.I., and others. [Practical work in the physiology of farm animals] Praktikum po fiziologii sel'skokhoziaistvennykh zhivotnykh. Pod red. P.I. Zherebtsova. Moskva, Gos. izd-vo "Vysshaia shkola," 1959. 447 p.

VETERINARY RESEARCH

Study of blood groups in animals and birds [with summary in English]. Kh. F. Kushner, L. A. Zubareva. Zhur. ob. biol. 21 no.3:161-174 My-Je '60.

VETLUGA—SAND, FOUNDRY

Production of wood-pitch foundry binder. Z. G. Aseeva. Gidroliz. i lesokhim. prom. 13 no.3:24 '60.

VIADUCTS

(see also subdivision under Moscow)

Precast diaphragms for span structures. Z. Freidina and others. Avt. dor. 23 no.7:32-3 of cover Jl '60.

VIBRATED CONCRETE

Power-activated vibration rolling. V. Riabchenko, I. Nepomniashchii. Stroi. i arkhit. Mosk. 9 no.7:20-23 Jl '60.

Using molds in packing concrete by vibration. A. I. Lazin. Gidr. stroi. 30 no.7:53-54 Jl '60.

Using vibrocavitation in making reinforced concrete products. V. M. Liposvskii. Stroi. i arkhit. Len. 22 no.7: 25-26 '60.

"Vibrators for packing concrete mixes and soils" by M.P. Zubanov. Reviewed by V. V. Eliseev. Stroi. i dor. mashinostr. 5 no.7:40 Jl '60.

VIBRATION

Conference on the use of vibration. E. P. Miklashevskii. Mekh. stroi. 17 no.7:32-3 of cover. Jl '60.

Nature of the vibroviscosity of incoherent soils. M. V. Bunin. Izv. vys. ucheb. zav.; stroi. i arkhit. no.2:138-144 '60.

Results of the conference on using vibration in constructing foundations. D. D. Barkan. Osn., fund. i mekh. grun. 2 no.4:10-12 '60.

Shear vibrations of a system with many degrees of freedom beyond the elastic limit. S. S. Darbinian. Izv. AN Arm. SSR. Ser. tekh. nauk 13 no.1:21-27 '60.

Snitko, N. K. [Dynamics of structures] Dinamika sooruzhenii. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 355 p.

"Using vibration methods in construction" by D. D. Barkan. Reviewed by A. S. Golovachev. Osn., fund. i mekh. grun. 2 no.3:30-31 '60

VIBRATION—ELECTROMECHANICAL ANALOGIES

Simulation of a vibro-rammer by use of an MN-8 computer. V. A. Bebikhov. Izv. vys. ucheb. zav.; radiofiz. 3 no.2: 311-315 '60.

VIBRATION—INDUSTRIAL APPLICATIONS

Useful vibrations. N. Dolgopolov. Znan. sila 35 no.7: 16-18 Jl '60.

VIBRATION—MEASUREMENT

Biber, L. A. [Vibrograph with galvanometer recording] Vibragrafy s gal'vanometricheskoi registratsiei. Moskva, Gos. energ. izd-vo, 1960. 87 p. (Iz opyta sovetskoi energetiki)

VIBRATORS

Artificial reverberation and reverberators. S. Krechmer, A. Dol'nik. Radio no.6 57-59 Je '60.

Economic effectiveness of using vibration methods in constructing sheet-pile walls. L. N. Steletskaia. Osn., fund. i mekh. grun. 2 no.3 19-20 '60.

Making reinforced concrete products by the method of gradual vibration stamping. K. E. Gorianinov, I. I. Mamontov, B. D. Trinker. Stroi. i arkhit. Len. 22 no.6: 23-24 '60.

The new LKVVIA-3 soil-compacting machine. S. A. Gusev. Gidr. i mel. 12 no.7:61-64 Jl '60.

Practice of the Krivoy Rog Basin Geology Trust in using bottom hole vibrators for eliminating the sticking of pipes. A. A. Pitade. Razved. i okh. nedr 26 no.5 45-46 My '60

Rod vibrators. Bet. i zhel.-bet. no.6:281 Je '60.

Rolling vibration stands for making large thin-walled prestressed reinforced concrete panels. A. A. Susnikov. Stroi. i dor. mashinostr. 5 no.6:17-20 Je '60.

The SVU-55 self-propelling vibratory drilling unit. D. A. Alekseev, A. M. Gel'fgat. Gidr. stroi. 30 no.6:46-47 Je '60.

Unit for making reinforced concrete products by the method of continuous vibration rolling. N. IA. Kozlov. Stroi. i dor. mashinostr. 5 no.6:13-16 Je '60.

Use of vibration sorting in the dressing of chrysotile asbesto ores. V. M. Arashkevich, A. V. Volegov. Izv. vys. ucheb. zav.; gor. zhur. no.7:134-138 '60

Useful vibrations. N. Dolgopolov. Znan. sila 35 no.7: 16-18 Jl '60.

Using vibrating units in making convex slabs. A. Borisov. Stroi. i arkhit. Len. 22 no.7:29 '60.

Vibrating mesh-reinforced concrete construction elements. D. Biriukovich, V. Semenchuk. Stroi. i arkhit. 8 no.5: 21 My '60.

Vibration cleaner of conveyer belts. IU. D. Tarasov. Gor. zhur. no.7:74-75 Jl '60.

Vibration packing of concrete mixes in vertical molds. A. K. Mkrtumian, V. E. Boiko. Mekh. stroi. 17 no.5 16 My '60

"Vibrators for packing concrete mixes and soils" by M. P. Zubanov. Reviewed by V. V. Eliseev. Stroi. i dor. mashinostr. 5 no.7:40 Jl '60.

Vibratory tamping of concrete ties. D.N. Kolenchuk. Put' i put. khoz. 4 no.6:25-26 Je '60.

Vibroactivation of fine concretes. E.V. Chuprunenko, K. A. Olekhnovich, K. I. Marchenko. Bet. i zhel.-bet. no.6:279-280 Je '60.

VIBRATORS—FOUNDATIONS

Approximate method of designing vibration-table foundations for vibrations. S. A. Osmakov. Osn., fund. i mekh. grun. 2 no.3:4-6 '60.

VIBRIO COMMA

Meat-acid hydrolysate for growing cholera and plague microbes. L. I. Noskova, N. Z. Trofimenko, V. S. Mikhno. Izv. Irk. gos. nauch.-issl. protivochum. inst. 18:111-115 '58.

VICO, GIAMBATTISTA, 1668-1744

A letter written by Giambattista Vico to Angelo Calogera. E. V. Bernadskaia. Vest. ist. mir. kul't. no.2:124-128 Mr-Ap '60.

VIENNA—BALLET

Prokof'ev's "Romeo and Juliet" performed in Vienna. Marcel Rubin. Sov. muz. 24 no.7:186-187 Jl '60.

VIENNA—SKATING

Two hours in dreamland. V. Gaevskii. Teatr 21 no.8: 190-191 Ag '60.

VIETH VON GOLSSENAU, ARNOLD FRIEDRICH, 1889-

A talk with Ludwig Renn. Jacque Dubois. V zashch. mira no.5:29-33 My '60.

VIETNAM—LACQUER AND LACQUERING

Vietnamese lacquer. Le Than Dyk. Iskusstvo 23 no.5: 46-51 '60.

VIETNAM—PEASANT UPRISINGS

Ognetov, I.A. [The Tay Son uprising in Vietnam, 1771-1802] Vosstanie Tai-shonov vo V'etname, 1771-1802. Moskva, Izd-vo vostochnoi lit-ry, 1960. 105 p.

VIETNAM, NORTH

Bortniak, IA.M. [Democratic Republic of Vietnam] Demokratychna Respublika V'ietnam. Kyiv, 1960. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Ser. 3, no. 7)

VIETNAM, NORTH—ECONOMIC CONDITIONS

Moscow. Institut mezhdunarodnykh otnoshenii. [Fifteen years of the Democratic Republic of Vietnam] 15 let Demokraticheskoi Respubliki V'etnam. Moskva, Izd-vo IMO, 1960. 145 p.

Outposts of socialism in the East. I. Podatak. Kommunist 37 no.12:85-90 Ag '60.

VIETNAM, NORTH—EDUCATION

Development of public education in the Democratic Republic of Vietnam. P.I. Samoukov. Sov. pedag. 24 no.5:64-72 My '60.

VIETNAM, NORTH—LOCAL GOVERNMENT

[Basic acts concerning local organs of the State government in the Democratic Republic of Vietnam, the Korean People's Democratic Republic, and the Mongolian People's Republic; a collection of documents] Osnovnye normativnye akty o mestnykh organakh gosudarstvennoi vlasti i upravleniia Demokraticheskoi Respubliki V'etnam, Koreiskoi Narodno-Demokraticheskoi Respubliki i Mongol'skoi Narodnoi Respubliki; sbornik dokumentov. Moskva, Gos. izd-vo iurid. lit-ry, 1960. 211 p. (Mestnye organy gosudarstvennoi vlasti i upravleniia zarubezhnykh sotsialisticheskikh gosudarstv)

VIETNAM, NORTH—POLITICS AND GOVERNMENT

Moscow. Institut mezhdunarodnykh otnoshenii. [Fifteen years of the Democratic Republic of Vietnam] 15 let Demokraticheskoi Respubliki V'etnam. Moskva, Izd-vo IMO, 1960. 145 p.

VIETNAM, SOUTH—TIGERS

Night in the jungle. Keith Oran. Vokrug sveta no.8:52-54 Jl '60.

VIL'GORT (KOMI A.S.S.R.)—ARBORETUMS

Exotic plants in the north. M.M. Chereshkin. Biul. Glav. bot. sada no.36:39-47 '60.

VILJANDI—THEATER

The touring "Ugala." M. Zlobina. Teatr 21 no.6:90-91 Je '60.

VILLA, CLAUDIO

Claudio Villa sings. G.P. Teatr 21 no.7:160 Jl '60.

An Italian singer of popular music. I. Vladimirov. Sov. muz. 24 no.6:157 Je '60.

VILNIUS—APARTMENT HOUSES

Vilnius. M. Lozovich, A. Sipko. Zhil. stroi. no.7:24-25 Jl '60.

VILNIUS—GENERATIVE ORGANS, FEMALE—DISEASES

Incidence of gynecological diseases among workers in some industrial enterprises of Vilnius. A.I. Kuznetsova. Zdrav. Belor. 4 no.4:26-28 Mr '58.

VILNIUS—PENSIONERS—SOCIETIES, ETC.

Vilnius, Lithuanian S.S.R. A. Devetidze, A. Paulus. Sots. obesp. 21 no.6:45 Je '60.

VILYUY VALLEY—DIABASE

Geochemistry of diabases and tuffs in the central Vilyuy Valley. I.P. Lokmov. Izv. vys. ucheb. zav.; geol. i razv. 3 no.4:72-74 Ap '60.

VILYUY VALLEY—TUFA

Geochemistry of diabases and tuffs in the central Vilyuy Valley. I.P. Lokmov. Izv. vys. ucheb. zav.; geol. i razv. 3 no.4:72-74 Ap '60.

VINNITSA—ACUPUNCTURE

So that they could breathe easily. Borys Sylin. Ukraina no.15:24 Ag '60.

VINNITSA PROVINCE—FISH PONDS

"Golden" carps. IA. Mykolenko, V. Voroniuk. Ukraina no.14:16 Jl '60.

VINYL ACETATE

Inhibiting influence and the structure of inhibitors. Part 4. Inhibited polymerization of vinyl acetate [with summary in English]. Z.A. Galstyan, Kh.S. Bagdasar'ian. Zhur. fiz. khim. 34 no.5:1110-1116 My '60.

Synthesis of polyvinyl butyral by the exchange of the alcohol groups of polyvinyl acetate and dimethyl butyral. L.Z. Kizarian, T.O. Zapresian. Izv. AN Arm. SSR. Khim. nauki 13 no.1:37-41 '60.

VINYL ALCOHOL

Heat-resistant polyvinyl alcohol (from "Paint Technology" no. 257, 1959). Plast. massy no.5:72 '60.

Iodine reaction of polyvinyl alcohol solutions, and fibers and films based on it. I.A. Vol'f, A.I. Meos. Khim. volok. no.3:[illegible] '60.

VINYL COMPOUNDS

Synthesis of polyvinyl butyral by the exchange of the alcohol groups of polyvinyl acetate and dimethyl butyral. L.Z. Kizarian, T.O. Zapresian. Izv. AN Arm. SSR. Khim. nauki 13 no.1:37-41 '60.

Very strong vinyl polymer (from "Rubber and Plastics Age" no.5, 1959). Plast. massy no.5:71-72 '60.

VINYLATION

Some properties of enol acetates. Part 5: Vinylation of carbonyl compounds. I.V. Machinskaia, V.A. Barkhash, A.T. Prudchenko. Zhur. ob. khim. 30 no.7:2357-2362 Jl '60.

VIOLIN

A rare image of an ancient violin. A.M. Ishtchian. Izv. AN Arm. SSR. Obshchestv. nauki no.2:79-80 '60.

VIRUSES

Akademiia meditsinskikh nauk SSSR, Moscow. Institut virusologii. [Physiology and biochemistry of viruses] Fiziologiia i biokhimiia virusov. Pod red. P.N. Kosiakova, V.L. Ryzhkova i I.M. Tarasevich. Moskva, Gos. izd-vo med. lit-ry, 1959. 181 p.

Effect of light of different spectral composition on the reproduction of the tobacco mosaic virus. A.V. Krylov, V.A. Gudkova, G.A. Tarakanova. Dokl. AN SSSR 133 no.4:974-975 Ag '60.

Sukhov, K.S. [General virology] Obshchaia virusologiia. Moskva, Sovetskaia nauka, 1959. 275 p.

VISCOSE

Protection against corrosion of filter press plates and frames in viscose production. G.V. Fedorova. Khim. volok. no.4:58-60 '60.

Refining of viscose by means of oxidation inhibitors. I.I. Al'tman, N.A. Mel'nikova. Bum. prom. 35 no.[illegible] '60.

VISCOSIMETRY

Vibration method for measuring absolute viscosity. G.S. Rozin. Zav. lab. 26 no.6:723-725 '60.

VISCOSITY

Additivity of the viscosity logarithms of liquid mixtures. A.B. Zdanovskii. Zhur. fiz. khim. 34 no.6:1300-1301 Je '60.

Application of the principle of corresponding states to the viscosity of gases at atmospheric pressure [with summary in English]. A.A. Tarzimanov. Inzh.-fiz. zhur. no.[illegible]:71-77 [illegible] '60.

Comparison of the activation energy for the reorientation of molecules with the activation energy of viscous flow. M.I. Vuks. Opt. i spektr. 9 no.1:99-101 Jl '60.

Equilibrium and motion of a sphere in a viscoplastic liquid. [illegible] Andreev. Dokl. AN SSSR 133 no.4:777-780 Ag '60.

Generalized relation between the viscosity of distillate fuels and the temperature [with summary in English]. F.A. Kolach, V.B. Zenkevich. Inzh.-fiz. zhur. 3 no.7:95-97 Jl '60.

More about the study of liquid systems by means of the deviation of viscosity logarithms from additivity. V.N. Deich. Zhur. fiz. khim. 34 no.6:1382-1384 Je '60.

VISES

Electromechanical vises. V.L. Drozhzhin. Stan. i instr. 31 no.7:33 Jl '60.

VISHERA VALLEY—LITHOLOGY

Old Vishera. L.N. Zhervinov, L.P. Lokhat. [illegible] no.4:[illegible] '58.

VISION

Acuteness of vision under reduced illumination in persons with astigmatism. M.A. Ilikhin. Voen.-med. zhur. no.6:83 Je '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.1: Significance of the successive production of similar motor reactions for the sharpness of visual analysis of conditional stimuli. V.G. Samsonova. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 5:3-18 '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.2: Resistance in the differentiation of the stimulus following one or three positive conditioned reactions. V.G. Samsonova. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 5:[illegible] '60.

Change in the sharpness of visual analysis during the interaction of successively produced conditioned reactions in the adult subject. Report No.3: Significance of the verbalization of complex stimuli for the sharpness of their analysis. V.G. Samsonova. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 5:[illegible]-28 '60.

Dosed X-irradiation of various regions of the head and visual perceptions [with summary in English]. G.I. Gurtovoi, I.O. Burdianskaia. Biofizika 5 no.3:[illegible]-361 '60.

Perception of very bright images motionless in relation to the retina [with summary in English]. A.L. Iarbus. Biofizika 5 no.3:[illegible] '60.

VISUAL AIDS

"Combination of the teacher's word and visual aids in teaching." Edited by L.V. [illegible]. Reviewed by [illegible]. Vop. psikhol. 6 no.2:[illegible] Mr-Ap '60.

Psychological bases of teaching methods. Report No.1: Methods of student work with visual material and its role in the formation of knowledge. [illegible]. Dokl. APN no.1:[illegible] '60.

VITAMIN THERAPY

Atherosclerosis and vitamins. IA. [illegible] no.6 [illegible] '60.

VITAMINS

Alcoholysate of glycerides as a method of purifying and enriching concentrates with vitamins A and E obtained by molecular distillation. [illegible] Trudy VNIVI 6:[illegible] '59.

Bacteriostatic effect of some vitamins. [illegible]

Dry, highly dispersed, stable preparations of fat-soluble vitamins for prophylactic and therapeutic purposes. R.P. [illegible]. Trudy VNIVI 6:[illegible]

Interaction of vitamins C, P and B1 [with summary in English]. [illegible] Biul. eksp. biol. i med. 49 no.[illegible] '60.

New preparations of vitamins A, D2 and B12 for [illegible] purposes. R.P. [illegible]. Trudy VNIVI 6:[illegible]

Second [illegible] of Vitaminology [illegible]

Standard for the [illegible]

Study of the influence of [illegible] Trudy VNIVI [illegible]

Study of the stability of [illegible] Trudy VNIVI [illegible]

[illegible]

Vitamins A, B1 and [illegible]

VITAMIN A

[illegible]

VITAMIN B1 see Thiamine

VITAMIN B6 see Pyridoxine

VITAMIN D

[illegible]

VITAMIN E see Tocopherol

VITAMIN P

[illegible]

VITAMIN [illegible] see Vitamin P

VITEBSK—CLOTHING INDUSTRY

[illegible]

VITEBSK—CONSERVATORIES OF MUSIC

[illegible]

VITEBSK—[illegible]

[illegible]

VITEBSK—[illegible]

[illegible]

VITEBSK—[illegible]

[illegible]

VITEBSK—SURGICAL SOCIETIES

[illegible]

VITEBSK PROVINCE—[illegible]

[illegible]

(see also subdivision under Armenia, Shchebetovka, Ukraine)

Grapes are made sweeter. F. P. Kashchenko. Nauka i zhizn' 27 no.6:34 Je '60.

Incomplete handbook with confusing recommendations ("Economy and organization of fruit culture and viticulture" by F. I. IAkovenko, I. G. Gavrilov. Reviewed by I. Belokhonov, P. Dubrova, A. Minaev) Ekon. sel'khoz. 31 no.6:121-126 Je '60

VITRUVIUS POLLIO

Sumbadze, L. Z. [Colchis dwelling according to Vitruvius] Kolkhidskoe zhilishche po Vitruviiu. Tbilisi, Izd-vo Akad. nauk Gruz. SSR, 1960. 51 p., illus.

VLADIMIR PROVINCE—BANKS AND BANKING

The effectiveness of credit-payment sanctions. A. Medvedev, E. Galynskaia. Den. i kred. 18 no.7:59-63 Jl '60.

VLADIMIR PROVINCE—COMMUNISM

V. I. Lenin and the first Marxist groups in the Vladimir Government. N. P. Kravchenko. Nauch. dokl. vys. shkoly; ist. nauki no.2:93-115 '60

VLADIMIR PROVINCE—COMMUNIST EDUCATION

Bureau of a province party committee discusses the results of the school year. V. Palenov. Polit. samoobr. 4 no.7:76-81 Jl '60.

VLADIMIR PROVINCE—INDUSTRIES

We try to determine the hidden potentialities of industrial enterprises. I. Leont'ev. Mol. komm. no.7:61-64 Jl '60

VLADIMIR PROVINCE—TEXTILE INDUSTRY

They reached the threshold of 1965. S. I. Baranova, E. A. Butkov. Tekst. prom. 20 no.6:80 Je '60.

VLADIMIROV, IVAN VLADIMIROVICH, 1897-1960

Ivan Vladimirovich Vladimirov, obituary. Sem'ia i shkola 15 no.5:11 My '60

VLADIVOSTOK

Natives of Vladivostok about their city. M. F. Larionkin. Ogonek 38 no.27:17-18 Jl '60

VLADIVOSTOK—ACTING—STUDY AND TEACHING

Routine of a studio. Z. Dicharov. Teatr 21 no.6:152 Je '60.

VLADIVOSTOK—CITY PLANNING

Expansion of Vladivostok. Arkhit. SSSR no.6:55 '60

VLADIVOSTOK—DESCRIPTION

At the turn of the second century... S. Morozov. Ogonek 38 no.27:16 Jl '60.

A city which is far away but ours. E. Kamenetskii. Voen. znan. 36 no.7:21 Jl '60.

Glorious Vladivostok is 100 years old. Sov. mor. 20 no.11:1-2 Je '60.

The hundredth anniversary of Vladivostok. Semen Shurtakov. Smena 37 no.13:5 Jl '60.

VLADIVOSTOK—FLEAS

Fleas on rodents in Vladivostok. N. G. Karaaukhova. Izv. Irk. gos. nauch.-issl. protivochum. inst. 17:115-130 '58.

VLADIVOSTOK—NAVAL MUSEUMS

Museum displays tell the story. V. Protasov. Sov. mor. 20 no.11:19 Je '60.

VLADIVOSTOK—PASTEURELLA PSEUDOTUBERCULOSIS

Isolation of the causative agent of pseudotuberculosis from gray and white rats in Vladivostok. A. P. Deviatova, O. A. Mikhailova, T. I. IAkunina. Izv. Irk. gos. nauch.-issl. protivochum. inst. 20:303-305 '59

VLADIVOSTOK—RADIO JOURNALISM

This is Vladivostok speaking. N. Petrov, S. Il'chenko. Sov. pech. no.6:30-32 Je '60

VLADIVOSTOK REGION—METEOROLOGY

Regimen of the lower troposphere in the Vladivostok area during the summer monsoon period. O. K. Il'inskii. Meteor. i gidrol. no.7:25-27 Jl '60

VLASOV MOVEMENT

Soldiers of the "Vlasov Army" in Soviet literature. A. Gaev. Mat. i soob. Inst. po izuch. SSSR no.12/13:36-55 F-Mr '60

VOCATIONAL EDUCATION

(see also subdivision under Czechoslovakia, Finland; Georgia, Lahti; Moscow; Stalingrad Province)

Development of students' initiative and creative activity during work classes. I. I. Smagin. Shkola i proizv. 4 no.6:24-25 Je '60.

Improve the system of work training in secondary schools. M. I. Rozenberg. Shkola i proizv. 4 no.6:9-15 Je '60.

training in secondary schools. A. A. Sever'ianov. Shkola i proizv. 4 no.6:19-23 Je '60.

Some interconnections between academic instruction and students' work in school workshops and in industry. O. F. Fedorova. Dokl. APN no.1:5-6 '60

VOCATIONAL REHABILITATION

Council of pensioners employs the physically handicapped. N. Karaseva. Sots. obesp. 21 no.6:42-43 Je '60.

Physically handicapped in the artels of producers' cooperative societies. M. Sharapov. Sots. obesp. 21 no.6:33-34 Je '60.

VOITENKO, FEDOR

"I am staying in the Maritime Territory." IU. Vinogradov. Sov. mor. 20 no.11:22 Je '60.

VOLCANIC ASH, TUFF, ETC

Effect of volcanic deposits on forest vegetation in the central part of the Kamchatka Valley. V. V. Stefin. Dokl. AN SSSR 133 no.4:947-949 Ag '60.

VOLCANOES

First All-Union Conference on Volcanology. S. I. Naboko. Geol. rud. mestorozh. no.1:122-125 Ja-F '60.

VOLGA-AKHTUBA FLOOD PLAIN—SOLONCHAK SOILS

Change of soil properties in banked sections of the Volga-Akhtuba Flood Plain [with summary in English]. A. A. Popov. Pochvovedenie no.7:63-73 '60.

VOLGA DELTA—BREAM

Elementary populations of young bream in the outer Volga Delta. A. N. Pavlovа. Vest. Mosk. un. Ser. 6: Biol., pochv. 15 no.3:22-32 My-Je '60

VOLGA DELTA—HYDROLOGY

Possible distribution of water discharge in arms of the eastern part of the Volga Delta in connection with the construction of hydraulic works. S. S. Baidin. Trudy GOIN no.49:7-10 '60

VOLGA DELTA REGION—SALINITY

Calculation of spatial distribution of water salinity in shore waters near river estuaries based on estuary studies of the Volga River. L. S. Borishanskii. Trudy GOIN no.49:30-46 '60.

VOLGA DELTA REGION—SEA ICE

Some characteristics of the ice regimen in the shore area near the estuary of the Volga River. N. A. Skriptunov. Trudy GOIN no.49:86-97 '60.

VOLGA HYDROELECTRIC POWER STATION

Malyshev, N. A., N. V. Razin, and G. A. Russo. [The V. I. Lenin Hydroelectric Power Station on the Volga] Volzhskaia gidroelektrostantsiia imeni V. I. Lenina. Pod obshchei red. G. A. Russo. Moskva, Gos. energ. izd-vo, 1960. 75 p.

VOLGA HYDROELECTRIC POWER STATION—DAMS

In situ investigation of the work of the anchored upstream floor of the Volga Hydroelectric Power Station. L. IA. Grodzenskaia, A. I. TSarev. Trudy Gidroproekta 2:160-170 '59.

VOLGA HYDROELECTRIC POWER STATION REGION—SOIL MECHANICS

Use of the freezing method in deep ground investigations in the construction of the Volga Hydroelectric Power Station. IA. L. Kogan. Trudy Gidroproekta 3:63-74 '60.

VOLGA HYDROELECTRIC POWER STATION REGION—WATER, UNDERGROUND—ANALYSIS

Effect of aging on the results obtained in determining the aggressiveness of underground waters. M. V. Simonova. Trudy Gidroproekta 3:269-279 '60.

VOLGA RIVER—DESCRIPTION AND TRAVEL

Likhodeev, L. I. [The Volga flows into the Caspian Sea; gay talk about serious things] Volga vpadaet v Kaspiiskoe more; veselyi razgovor o ser'eznykh veshchakh. Moskva, Gos. izd-vo polit. lit-ry, 1960. 125 p. (Stranitsy nashei zhizni)

VOLGA RIVER—SHIP PROPULSION, ELECTRIC

Building and operation on the Volga of diesel-electric propulsion plants. V. I. Lychkovskii. Trudy NTO sud. prom. 8 no.5:141-148 '59.

VOLGA-URAL REGION—GEOLOGY

Basic geological characteristics of the northern part of the Volga-Ural region. I. M. Birina. Trudy VNIGNI no.25:3-117 '59.

VOLGA-URAL REGION—GEOLOGY, STRATIGRAPHIC

Permian stratigraphy and paleogeography of the northern part of the Volga-Ural region. Z. I. Borozdina. Trudy VNIGNI no.25:118-200 '59.

VOLGA-URAL REGION—PETROLEUM GEOLOGY

Derviz, T. L., and others. [Volga-Ural oil-bearing region; Jurassic and Cretaceous sediments] Volgo-Ural'skaia neftenosnaia oblast'; iurskie i melovye otlozheniia. Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1959. 360 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no.145)

Correlating terraces of the lower and middle Volga Valley with the terraces of the Caspian Sea. P. V. Fedorov, IU. M. Vasil'ev. Dokl. AN SSSR 133 no.2:442-445 Jl '60.

Precized unified diagrams of the Paleozoic stratigraphy of the Volga-Ural oil-bearing province, 1960. S. V. Semikhatova and others. Geol. nefti i gaza 4 no.6:52-3 of cover Je '60.

VOLGA VALLEY—GEOLOGY, STRUCTURAL

On the binary reverse asymmetry of several ravines in the Stalingrad area of the Volga Valley. V. A. Nikolaev. Vest. Mosk. un. Ser. 5, Geog. 15 no.3:72-73 My-Je '60.

VOLGA VALLEY—HEMORRHAGIC FEVER

Epidemiology of hemorrhagic fever with a renal syndrome in foci of the Middle Volga region. T. A. Bashkirev, V. A. Boiko. Kaz. med. zhur. 40 no.5:52-56 S-O '59.

VOLGA VALLEY—SNOW

Distribution of snow in drainage basins of the southern part of the trans-Volga region and the spring surface runoff. N. V. Razumikhin. Uch. zap. LGU no.292:81-105 '60.

VOLGA VALLEY—WATER, UNDERGROUND

Kamenskii, G. N., and others [Ground waters of the Caspian Depression and their regimen in the Volga-Ural interfluve] Gruntovye vody Prikaspiiskoi nizmennosti i ikh rezhim v predelakh Volgo-Ural'skogo mezhdurech'ia. Moskva, Izd-vo Akad. nauk SSSR, 1960. 179 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 27)

VOLHYNIA—CITIES AND TOWNS RUINED, EXTINCT, ETC.

On the planning of late Tripol'ye settlements in eastern Volhynia. N. M. Shmagili. Krat. soob. Inst. arkheol. AN URSR no.9:52-54 '60.

VOLLEYBALL

Six men and a ball. Mikhail Aleksandrov. Ogonek 38 no.24:29 Je '60

VOLOGDA PROVINCE—LUMBERING

More lumber for our country! A. Stal'. Agitator no.10:43-45 My '60.

VOLOSHINA, VARVARA DANILOVNA

The honorable leader of the crew. V. Kovalenko. Sem'ia i shkola 15 no.5:34-35 My '60

VOLOSOVO DISTRICT—AGRICULTURE

Encourage new methods of work. V. Bondarchuk. Biok. agit. [Len.] no.4:36-41 F '60.

Kladov, N. D., and A. V. Vlasov. [Let's carry out the seven-year plan in five years; from the work practice of collective and state farms in Volosovo District] Semiletku v piat' let; iz opyta raboty kolkhozov i sovkhozov Volosovskogo raiona. [Leningrad] Lenizdat, 1959. 92 p.

VOLTAGE REGULATORS

High-speed electromagnetic regulator. D. B. Osichanskii. Sakh. prom. 34 no.7:39 Jl '60.

Increasing the operating reliability of stabilizing circuits. V. Gumeniuk. Radio no.6:44 Je '60

Strong regulation in electric systems. V. A. Venikov, and others. Elek. sta. 31 no.6:43-48 Je '60.

Using positive feedback in power supply stabilizers. A. A. Sanin, S. A. Sergeev. Prib. i tekh. eksp. no.2:80-82 Mr-Ap '60

Voltage regulator. IU. Veselov. Sov. foto 20 no.3:33 Mr '60.

Voltage stabilizer. L. G. Ivanov. Put' i put. khoz. 4 no.8:28 Ag '60.

Voltage stabilizer with a transformer magnetized by a permanent magnet. I. I. Pekker, V. V. TSokanov. Izv. vys. ucheb. zav.; elektromekh. 3 no.2:132-139 '60.

VOLTMETER

Inductance compensation of the error caused by the effect of the curve shape for a simple circuit of a rectifier voltmeter. K. B. Karandeev, I. A. Zakharin. Izm. tekh. no.7:41-45 Jl '60.

New instruments. N. N. Skvortsov. Priborostroenie no.7:18-19 Jl '60.

Transistorized microvoltmeter. B. Rogachev, E. Sedel'nikov, A. Temes. Radio no.6:20-22 Je '60.

VOLUMETRIC ANALYSIS see Titration

VOLYN' PROVINCE—BUILDING

We use combined methods of building. V. Hrushko. Sil' bud. 10 no.4:11-15 Ap '60.

VOLYNICH, ETHEL LILLIAN (BOOLE), 1864-1960

Flaming soul. Boris Polevoi. Ogonek 38 no.32:4 Ag '60.

"Sincere partisan" of the Russian revolution. E. Taratuta. Ogonek 38 no.32:3-4 Ag '60.

VOLYNSKII, LEONID NAUMOVICH

"High bank", stories by L. Volynskii. Reviewed by G. Kuznetsov. Zvezda no. 5 213 My '60

Stories of a peaceful life ("High bank", stories by Leonid Volynskii. Reviewed by G. Munblit). Novyi mir 36 no. 6:252-258 Je '60

VOLZHSK—PAPER INDUSTRY

Modernization of the Mari Combine. D.G. Vlatkin. Bum. prom. 35 no. 6 17 Je '60.

VON PIRQUET, CLEMENS FREIHERR, 1874-1929

Clemens Pirquet. B. P. Aleksandrovskii. Pat., klin. i terap. tub. no. 6:373-376 '58.

VORONEZH—AGRICULTURAL MACHINERY INDUSTRY

Personal interest and the common good. I. Zhatkikh. Agitator no. 14:57 Jl '60.

VORONEZH—GRAIN

Change payment procedure for cereal products. V. Rabbo. Den. i kred. 18 no. 8:40-43 Ag '60.

VORONEZH—GROCERY TRADE

Staff of a city grocery store keeps its word. V. Sazonov. Sov. torg. 33 no. 7 18-20 Jl '60

VORONEZH—PARACHUTING

In the homeland of mass parachutism. Sh. Agamirov. Kryl. rod. 11 no. 7:7-8 Jl '60.

VORONEZH—POWER PRESSES

"The true trade-union activist." P. Orlov. Okhr. truda i sots. strakh. 3 no. 6:55 Je '60

VORONEZH—RETAIL TRADE

When a customer comes . . . P. Luk'ianov. Ogonek 38 no. 28:8 Jl '60.

VORONEZH—YEAST

Increasing the productivity of yeast-growing plants. E. A. Plevako. Khleb. i kond. prom. 4 no. 7:10 30 Jl '60.

VORONEZH PROVINCE—AGRICULTURE

In close connection with reality. M. P'ianykh. NTO 2 no. 7:41 Jl '60.

VORONEZH PROVINCE—PHYSICAL EDUCATION AND TRAINING

Good example of the Voronezh members. A. Oniutsev. Komsom. zhizn' no. 13:21 24 Jl '60.

VORONIKHIN, ANDREI NIKIFOROVICH, 1759-1814

A. N. Voronikhin (a biographical sketch). G. G. Grimm. Trudy Gos. Erm. 3:170-187 '59.

An outstanding Russian architect. Stroi. i arkhit. Len. 22 no. 6:3 of cover '60.

VORONIN, VLADIMIR VASIL'EVICH, 1870-

Awarding the Bogomolets Prize. Dop. AN URSR no. 4:551 '60.

VORONINA, TAT'IANA

A quartet by T. Voronina. K. Rizhak. Sov. muz. 24 no. 7:40-40 Jl '60.

VORONOVO—ARCHITECTURE

Palentreer, S.N. [Voronovo Estate] Usad'ba Voronovo. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 70 p. (Sokrovishcha russkogo zodchestva)

VOROSHILOV—LISTERELLA

Case of isolation of Listerella in Voroshilov. E. N. Khvoshchenko, N. V. Sintsova, Z. F. Padalko. Izv. Irk. gos. nauch.-issl. protivochum. inst. 14 26-30 '57

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOROTYSHCHE VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Microfauna of Oligocene and Miocene deposits of the Vorotyshche River (Ciscarpathia). N. N. Subbotina. Trudy VNIGRI no. 153:157-263 '60.

VOROVSKII, VATSLAV VATSLAVOVICH, 1872-1923

V. Vorovskii, a skilled revolutionary propagandist. N. Pilashev. Mol. komm. no. 7 94-97 Jl '60

VORSKLA VALLEY—BOTANY, MEDICAL

Resources of medicinal plants in the Vorskla Valley [with summary in English]. D. S. Ivashyn. Ukr. bot. zhur. 17 no. 3:66-71 '60.

VORSKLA VALLEY—MUSHROOMS

Mushrooms in oak forests of the Vorskla Valley. B. V. Ganzha. Bot. zhur. 45 no. 5:758-764 My '60.

VOSKRESENSK DISTRICT—INSURANCE, SOCIAL

Community organizations are taking over some of our duties. I. Safronov. Sots. obesp. 21 no. 5 17-18 My '60

VOSKRESENSKOYE DISTRICT—STOCK AND STOCK-BREEDING—PRODUCTION STANDARDS

Collective farm practice in establishing work norms and wages in stockbreeding. Reviewed by F. A. Zubarev. Uchet i fin. v kolkh. i sovkhoz. 17 no. 5 59 60 My '60

VOTINSK—BRIQUETS (FUEL)

Experience in modernizing small peat-briquet factories. P. A. Beliaev. Torf. prom. 37 no. 4:28-30 '60.

VOTINSK—RESERVOIRS

Sectional reinforced concrete for organizing transportation on the Votkinsk Reservoir. V. Gurevich. Rech. transp. 19 no. 5:31-32 My '60.

VULCANIZATION

Electric vulcanizers. I. Rae. Avt. transp. 38 no. 7 25-28 Jl '60.

Radiation vulcanization of elastomers (from "Rubber Age," no. 2, 1959). Kauch. i rez. 19 no. 5:61 My '60

Study of internal pressures in the process of molding and vulcanization of rubbers. I. S. Okhrimenko and others. Kauch. i rez. 19 no. 7:39 44 Jl '60.

Synthesis of some thiophene derivatives and study of their behavior as ingredients of rubber (accelerators and antioxidants). A. S. Kuz'minskii and others. Zhur. prikl. khim. 33 no. 5 1182 1187 My '60.

VYATKA OVAL—GEOLOGY, STRATIGRAPHIC

Stratigraphy and lithology of Devonian and lower Carboniferous sediments as revealed by R-1 and R-2 wells drilled in the Shikhovo-Chepets uplift. L. M. Birina. Trudy VNIGNI no. 25:201-2?? '59.

VYBORG—FERMENTATION

Machine for the hydraulic mixing of pulp in fermenting tanks. L. M. Zinger. Gidroliz. i lesokhim. prom. 13 no. 3:22 23 '60.

VYKSA DISTRICT—PRODUCE TRADE

"Needless administrative control." Part. zhizn' no. 14:78 Jl '60.

VYLEGZHANIN, IL'IA

"And so it is with the passing of time" ("Masters of the road of life", verse by Il'ia Vylegzhanin. Reviewed by Lev Smirnov, Ilia Shcheglov). Sov. Ukr. 10 no. 8, 175-178 Ag '60.

VYSHNE VOLOTSK DISTRICT—SAND AND GRAVEL PLANTS

What's new in the extraction of flooded sand, gravel, and rubble deposits. S. I. Shalkin. Mekh. stroi. 17 no. 7 8 11 Jl '60.

VYTEGRA VALLEY—EROSION

Formation of transverse terraces of the Vytegra River and history of the development of Lake Onega. M. N. Potyvkin. Trudy Gidroproekta 3 321 331 '60

WAGES

(see also subdivision under Maritime Territory)

Answers to questions concerning labor and wages. Politprotzv. no. 6:33-21 Je '60

Answers to readers' questions. Transp. stroi. 10 no. 7: 59 Jl '60.

Bliakhman, L. S. [Why the rate of labor productivity must overtake the rate of wage increase] Pochemu rost proizvoditel'nosti truda dolzhen operezhat' rost zarabotnoi platy. [Leningrad] Lenizdat, 1960. 43 p. (Ivuchaiushchim ekonomiku promyshlennosti)

Collective farm practice in establishing work norms and wages in stockbreeding. Reviewed by F. A. Zubarev. Uchet i fin. v kolkh. i sovkhoz. 17 no. 5 59 60 My '60

Completing the shift to the shortened workday and the introduction of the new wage system for workers of the building materials industry. G. M. Batekhin. Stroi. mat. 6 no. 7:1 5 Jl '60.

Consultations. Stroitel' no. 6:28 Je '60.

Discover and use production potentials ably. M. Amstislavskii. Nar. khoz. Kazakh. 18 no. 5:31-34 My '60.

Educational significance of different types and forms of student wages. V. A. IAkovlev. Shkola i proizv. 4 no. 6. 33-37 Je '60.

Equalizing of real earnings but not a levelling of wages. V. D'iachenko. Otv. na vop. trud. no. 116 10 18 '60.

Indices of the manpower structure. D. P. Rodin. Izv. vys. ucheb. zav.; gor. zhur. no. 7:10-41 '60.

Legislation on the adjustment of pay for communication workers. N. I. Bakhgorskii. Vest. sviazi 20 no. 6:17-18 Je '60.

Material and moral stimuli of socialist industry. G. Ulanovitskii. Kommunist 37 no. 12 31-35 Ag '60

New wages of motion-picture theater personnel. I. Levodianskyi. Sots. kul't. 13 no. 6:45-50 Je '60.

Norms and rates established by various agencies. Biul. stroi. tekh. 17 no. 7:26-31 Jl '60.

Okhapkin, K. A. [Economic effectiveness of monetary wages on collective farms] Ekonomicheskaia effektivnost' denezhnoi oplaty truda v kolkhozakh. Moskva, Gosplanizdat, 1960. 217 p.

Regional coefficients concerning wages of workers of building and repair organizations. Biul. stroi. tekh. 17 no. 6 21-24 Je '60.

Regional coefficients of wages. Ekon. stroi. no. 5:54 My '60.

Remuneration of the workers of state farms. A. Mikhlin. Otv. na vop. trud. no. 118:10 10 '60

Road builders change to the seven-hour workday. V. V. Sorokin. Avt. dor. 23 no. 7:2-3 Jl '60.

Several problems of wage organization in construction. M. Mozhina. Vop. ekon. no. 8:110-152 Ag '60.

[Transition to a shorter workday and new wage schedule in the printing industry, recommendations] Perevod na sokrashchennyi rabochii den' i novye usloviia oplaty truda v poligrafii, rekomendatsii. Moskva, Gos. izd-vo "Iskusstvo," 1960. 175 p.

Wages in the construction industry. [illegible] no. 6, 59 60 Je '60

Why is the number of categories in the new wage schedules smaller than in the previous ones. N. [illegible]. Otv. na vop. trud. no. 115 30 '60

WAGES—BIBLIOGRAPHY see Bibliography—Wages

WALKER, GERTRUD, 1870

Gertrud Walker. [illegible]. Zhen. mira no. 6 18-19 '60.

WALKING

1000 kilometers on foot. B. A. [illegible] 6 no. 6 [illegible] Je '60

WALL NEWSPAPERS

(see also subdivision under [illegible])

Daily bulletin. [illegible] 49 My '60

Photographic pictures in wall newspapers. [illegible] My '60

WALLS

Cement fibrolite partition slabs. [illegible] My '60

Effective exterior walls built of cellular concrete. [illegible] Jl '60

WALNUT

Walnuts. [illegible]

WALSH, JAMES EDWARD, BISHOP, [illegible]

Spies in cassocks. [illegible]

WAR

Fidelity to Marxism-Leninism. [illegible] no. 14 8 11 Jl '60

How V. I. Lenin [illegible] Vestnik AN SSSR [illegible]

On the nature of the [illegible] Ag '60

WAR—ECONOMIC ASPECTS

(see also subdivision under United States)

Financial aspects of the disarmament problem. M. [illegible]chevskii. Fin. SSSR 21 no. 7 [illegible] Jl '60

On the possibilities of averting war in the modern era. G. I. Vakhrikov. [illegible] '59.

The true facts concerning the [illegible] United States and [illegible]

WAR CRIME TRIALS—NUREMBERG, 1945-1946 see Nuremberg Trial of Major German War Criminals, 1945-1946

WAR CRIMINALS [illegible]

WAR MEMORIALS [illegible]

WARBLE FLIES [illegible]

WARPING MACHINES

Density of warp [illegible] no. 7:60 [illegible] Jl '60.

WARSAW—APARTMENT HOUSES

Using new [illegible] in Warsaw [illegible] H. Kalinskii [illegible]

WARSAW—FOOD INDUSTRY—CONGRESSES

Scientific-technological [illegible] in Warsaw [illegible]

WARSAW—OPERA

"Boris Godunov" in Warsaw. [illegible] 24 no. 8:161-162 Ag '60

WASHERS (MECHANICAL ENGINEERING)—STANDARDS

Round packing washers [illegible] Standartizatsiia 24 [illegible]

WASHING MACHINES

Apparatus for washing [illegible] 6 no. 3 [illegible] My-Je '60.

WASTE HEAT

Thermodynamic analysis of [illegible]

WATER

Analysis of the three [illegible] water. [illegible]

Analysis of water with the aid of the KU-2 cation exchanger. L. N. Podgornyi. Zav. lab. 26 no. 6:717-719 '60.

Objective methods for qualitative analysis of water. E. S. Shalashova, B. I. Krotkova. Vod i san tekh. no. 8:18-22 Ag '60.

WATER—BACTERIOLOGY

"Micro-organisms and the increase of the productivity of fish ponds" by A G. Rodina Reviewed by M V Ivanov Mikrobiologiia 29 no 3 463-464 My-Je '60

WATER—CHLORINATION see subdivision under Grodno

WATER—COMPOSITION

(see also subdivision under Don River)

Contribution to the study of trace element sorption by the carbonate system of natural waters. O. A. Alekin, N. P. Moricheva. Dokl. AN SSSR 133 no. 4:943-946 Ag '60.

Studying the transition of strontium and calcium in the biological cycle from soils into plants and animals [with summary in English]. G. D. Litovchenko, S. A. Shipitsyn. Zhur. ob. biol 21 no. 4:297-300 Jl-Ag '60.

WATER—ELECTRIC PROPERTIES

Electric conductivity of water as an indication of its viscosity. V M. Kaliakin. Trudy SIMSKH no 14 146-147 '59.

WATER—FLUORIDATION see subdivision under Austria; Kazakhstan

WATER—POLLUTION

Sanitary protection of reservoirs from pollution by waste waters of tanneries. S. IA. Naishtein and others. Vrach. delo no. 6:623-627 Je '60.

WATER—PURIFICATION

Effect of the coagulant dosage on the character of motion of the liquid in horizontal clarifiers [with summary in English, p. 74]. M. V. Demura. Visnyk ABIA URSR no. 2:52-58 '60.

Experimental investigation of the use of ultrasonic waves in the disinfection of water. I. I. El'piner. Vod. i san. tekh. no. 8:27-30 Ag '60.

Kul'skii, L. A. [Chemistry and technology of water treatment] Khimiia i tekhnologiia obrabotki vody. Kiev, Izd-vo Akad. nauk USSR, 1960. 359 p.

Kul'skii, L. A., and others. [Physicochemical foundations of water purification through coagulation] Fiziko-khimicheskie osnovy ochistki vody koaguliatsiei. Kiev, Izd-vo Akad. nauk USSR, 1960. 107 p.

Purification of water for drinking K. A. Ivanov. Zdorov'e 6 no. 7 31 Je '60

Sedimentation grids. Znan. sila 35 no. 7:26 Jl '60.

Use of an extremum controller for automatic dosing of lime in chemical water purifiers. K. G. Zeidel', V M Kuntsevich. Avtomatyka no. 2:76-80 '60.

Use of tagged atoms in hydraulic investigation of settling basins. I. I Mochitov. Vod. i san tekh no 7:1-5 Je '60.

WATER—SOFTENING

Industrial ion exchange unit for a thorough demineralization of water. V. P. Meleshko. Khim. prom. no. 1:41-44 Ja-F '60.

WATER—STERILIZATION

"Holy water" and silver. D. N. Konarev. Nauka i zhizn' 27 no. 6:40 Je '60.

WATER—THERMAL PROPERTIES

Heat capacity C_p of water and steam at the saturation line [with summary in English, p. 2]. A. E. Sheindlin, E. E. Shpil'rain, V. V. Sychev. Teploenergetika 7 no. 7:23-27 Jl '60.

Maximum heat capacity C_p of water [with summary in English, p. 2]. A. M. Sirota, B. K. Mal'tsev, P. E. Beliakova. Teploenergetika 7 no. 7:16-23 Jl '60.

Thermal properties of water under pressures up to 1200 kg/cm^2 and at temperatures up to 300°C. M. P. Vukalovich and others. Teploenergetika 7 no. 7:4-12 Jl '60.

WATER, UNDERGROUND

(see also subdivision under Stalingrad Hydroelectric Power Station region; Stalingrad Province; Surkhandar'ya Valley; Ukraine, Western; Volga Valley)

Abramov, S. K., and others. [Reservoir influence on hydrogeological conditions of adjacent areas] Vliianie vodokhranilishch na gidrogeologicheskie usloviia prilegaiushchikh territorii. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 318 p. (Inzhenernaia gidrogeologiia)

Effect of the velocity of underground waters on the destruction of concrete structures and cast iron tubings. V. F. Mil'ner. Biul. MOIP. Otd. geol. 35 no. 1:124 Ja-F '60.

Filtration capacity and deformations due to loads and to the lowering of the water table in loess and loesslike soils in the southeastern part of the Ukraine. I. N. Kruglov. Osn., fund. i mekh. grun. 2 no. 3:10-12 '60.

Genetic classes of chlorine waters in sediments and the distribution of trace elements in them. L. S. Balashov. Biul. MOIP. Otd. geol. 35 no. 1:124-125 Ja-F '60.

S Suren'iants Zhil -kom khoz 10 no 6 14-16 '60

Investigating the height of capillary rise in loess soils. V. A. Smirnov. Osn., fund. i mekh. grun 2 no. 3:12-13 '60.

Movement of underground waters in a massif between rivers. P. A. Kiselev. Dokl. AN BSSR 4 no. 6:259-262 Je '60.

Natural phenomena as factors determining the formation of genetic types of underground waters. V. A. Albagachieva. Biul. MOIP. Otd. geol. 35 no. 1 125-126 Ja-F '60.

Radius of influence of a well. P. IA. Polubarinova-Kochina. Izv. Sib. otd. AN SSSR no. 5:20-29 '60

Skabalianovich, I. A. [Hydrogeological calculations on the dynamics of ground waters] Gidrogeologicheskie raschety po dinamike podzemnykh vod. Izd. 2., dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1960. 404 p.

WATER, UNDERGROUND—ANALYSIS

(see also subdivision under Azov region, Kuban; Volga Hydroelectric Power Station region)

Hydrogeochemistry, its problems and methods. A. M. Ovchinnikov, V. V. Krasintseva. Izv. vys. ucheb. zav.; geol. i razv. 3 no. 4:103-111 Ap '60.

WATER, UNDERGROUND—BACTERIOLOGY

Conference on the geological activity of micro-organisms. M. V. Ivanov Mikrobiologiia 29 no 3 467-468 My-Je '60

WATER, UNDERGROUND—MAPS see subdivision under Kazakhstan

WATER CHESTNUT, FOSSIL see subdivision under Japan

WATER CLOSETS—STANDARDS

The all-Union state standard for flat-bowl "semichina" and faience children's toilets Biul stroi tekh 17 no 6 18 Je '60

The all Union state standard for high wall flushing tanks. Biul. stroi. tekh. 17 no. 7:23-24 Jl '60.

WATER FLEAS see subdivision under Fergana

WATER GAS

Technological parameters of a two stage water gas converter with optimum dimensions of catalyst tablets. B. I. Popov, A. S. Shmelev. Khim. prom. no. 1:45-47 Ja-F '60.

WATER GATES see Sluice gates

WATER HEATERS

Solar water heaters. B. V. Petukhov. Vod. i san. tekh. no. 8:9-13 Ag '60.

WATER IN THE BODY

Water balance in patients with chronic nonspecific pneumonia and bronchiectasis and its significance in solving problems of work organization for these patients. I. I. Likhnitskaia. Trudy LIETIN 2:131-135 '59.

WATER PIPES

Causes of steel pipe damage in water-supply systems. S. N. Anorov, N. E. Fomkin. Vod. i san. tekh. no. 8:25-27 Ag '60.

Flexible joints for water pipes. V. G. Il'in. Gidr. i mel 12 no. 5:41-44 My '60.

Readers' letters. Vod. i san. tekh. no. 8:34 Ag '60.

Use of glass pipes in the construction of exterior water-supply networks. A. N. Sakun. Gidr. i mel. 12 no. 6:25-30 Je '60.

WATER RESOURCES DEVELOPMENT

Measures for improving the utilization and protection of water resources of the U. S. S. R. Biul. stroi. tekh. 17 no. 7:3-6 Jl '60.

WATER SUPPLY

(see also subdivision under Turkmenistan)

Elements of the morphometric analysis of river valleys. I. V. Bustaev, N. S. Kalachev. Izv. AN Kazakh. SSR. Ser. energ. no. 2:3-14 '60.

WATER SUPPLY, INDUSTRIAL

Farforovskii, B. S., and IA. N. Platov. [Design of coolers for industrial water-supply systems] Proektirovanie okhladitelei dlia sistem proizvodstvennogo vodosnabzheniia. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1960. 170 p.

Industrial water supply and sewerage in modern petroleum refineries. S. A. Khaskin. Vod. i san. tekh. no. 8:22-24 Ag '60.

WATER SUPPLY, RURAL

Appeal of the participants of the Conference on Water Resources Development to all workers in the field of water economy. Gidr. i mel. 12 no. 5:3-5 My '60.

Principal tasks in the field of water resources development during the period 1959-1965 and technical progress in the construction of irrigation and pasture water-supply systems and structures. V. V. Matskevich. Gidr. i mel. 12 no. 5:6-23 My '60.

WATER SUPPLY, RURAL—CONGRESSES

Conference on Water Resources Development. S. A. Girshkan Gidr. i mel 12 no 5:59-64 My '60

WATER-SUPPLY ENGINEERING

(see also subdivision under Jassy, Rumania; Moscow; Sinkiang-Uigur Autonomous region, Sweden)

Improving the quality of underground drinking water S Suren'iants Zhil -kom khoz 10 no 6 14-16 '60

Kolobanov, S. K. [Water-supply and sewer systems] Vodoprovod i kanalizatsiia. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1960. 104 p. (V pomoshch' individual'nomu zastroishchiku)

Urban development and water supply. V. A. Kliachko. Izv. ASiA no. 2 88-94 '60

WATER-SUPPLY ENGINEERING—STANDARDS

Changes in standards Vod i san tekh no 7:27-28 Je '60

WATER VAPOR

Adsorption properties of carbon adsorbents. Report No. 5: Characteristics of the sorption of water vapor by activated carbon in the region of high relative pressures M. M Dubinin, E. G Zhukovskaia, E. D. Zaverina. Izv. AN SSSR. Otd khim nauk no 6:966-975 Je '60.

Effect of water vapor on the interaction between germanium and oxygen R Kh Burshtein, L A Larin, G. F Voronina Dokl AN SSSR 133 no 1 148-151 Jl '60

Heat capacity c_v in the two-phase region of the coexistence parameters of water [with summary in English]. V. V. Sychev. Inzh.-fiz. zhur. no. 7:10-16 Jl '60.

Heat exchange during vapor condensation inside horizontal tubes [with summary in English]. V V Konsetov Inzh -fiz. zhur no 6.9-16 Je '60.

WATER VOLES

(see also subdivision under Siberia, Eastern; White Russia)

Nutrition of the water vole. E. G. Samusenko. Biul. Inst. biol. AN BSSR no. 3:265-268 '58.

Relations between the muskrat, water vole, and Microtus oeconomus. E. G. Samusenko. Biul. Inst. biol. AN BSSR no. 3. 259-264 '58.

Stational distribution of water voles. E. G. Samusenko. Biul. Inst. biol. AN BSSR no. 3:231-236 '58.

WATERPROOFING

Combined effect of mechanical wear and aggression on plain and waterproof concrete brick. M I Khigerovich, L. P Orentlikher Izv. vys. ucheb. zav., stroi. i arkhit no. 2:20-24 '60.

Thorough waterproofing of products made of autoclave-hardened foamed cinder concrete. M. N. Plunglanskaia, L. M. Rozenfel'd. Stroi mat. 6 no. 7:37-38 Jl '60.

Using water-repellent materials in constructing composite roofs E Krichevskaia Stroi. i arkhit Mosk 8 no. 5 35 My '60

Waterproofing cold asphalt mastics. Stroi. i arkhit. Len. 22 no. 6:27 '60.

WAVE GUIDES

Device for measuring the voltage standing wave ratio of a generator. V. I. Pronenko, L. N. Brianskii. Izm. tekh. no. 7:48-49 Jl '60.

Dynamics of the particles in a cyclic wave guide accelerator. E. S. Kovalenko. Izv. vys. ucheb. zav., fiz. no. 3:175-179 '60.

Electromagnetic shock waves in a ferrite-filled strip wave guide. G. I. Freidman. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:276-284 '60.

Wave guide with a cross-shaped transverse section. V. M. Sedykh, A. F. Zorkin. Izv. vys. ucheb. zav.; radiofiz. 3 no. 2:269-275 '60.

Wave guides with circular cross section designed for operation as radio relay lines. A. A. Metrikin, N. S. Tarasov. Radiotekhnika 15 no. 7:10-15 Jl '60.

WAVE MOTION, THEORY OF

Keilis-Borok, V I. [Interference surface waves] Interferentsionnye poverkhnostnye volny Moskva, Izd-vo Akad. nauk SSSR, 1960. 194 p.

WAVES

Electric wavegraph and its use in research under laboratory and natural conditions [with summary in English]. V. F. Lobko, O. H. Dudchenko. Dop. AN URSR no. 4:459-461 '60.

Karaushev, A. V. [Wind waves and swells on reservoirs and lakes] Sgonno-nagonnye iavleniia na vodokhranilishchakh i ozerakh. Leningrad, Gidrometeor. izd-vo, 1960. 215 p.

Limiting the height reached by waves breaking on the flat slopes of earth structures. V. F. Kanarskii. Gidr. stroi. 30 no. 7:38-39 Jl '60.

Surface waves transmitted along the boundary between media with positive and negative dielectric constants [with summary in English]. B. S. Skorobohatov. Dop. AN URSR no. 5:623-625 '60.

"Technical specifications for determining the effect of waves on sea and river structures and shores." Biul. stroi. tekh. 17 no. 7:17-18 Jl '60.

Work of electrode wave meters. I. IA. Andreichuk, E. A. Genina. Izv. VNIIG 59:193-199 '58.

WEAPONS, ATOMIC see Atomic weapons

WEATHER FORECASTING
Development of numerical short-range forecasting on a physical basis. M I IUdin. Nek probl. meteor no. 1 24-26 '60.
Girs, A. A. [Fundamentals of long-range weather forecasting] Osnovy dolgosrochnykh prognozov pogody. Leningrad, Gidrometeor. izd-vo, 1960. 559 p.
Numerical solution of equations of atmospheric dynamics. N, I Buleev, G I. Marchuk. Nek. probl. meteor. no 1. 13-23 '60.
Short-range weather forecasting in nonadiabatic cases. I A Kibel'. Nek. probl. meteor. no. 1 7-12 '60.
Synoptic materials for a test of numerical forecasting methods M I IUdin Meteor i gidrol no 7 22-25 Jl '60

WEATHERING
Weathered surface and its association with the bauxites of the Northern Urals P. K. Vinokurov, E S. Gutkin. Geol. rud. mestorozh. no. 1 114-119 Ja-F '60.

WEDDELL SEA—HYDROLOGY
Bottom waters in the Weddell Sea. V. V. Klepikov. Inform biul. Sov. antark. eksp. no. 18 20-23 '60.

WEED KILLERS see Herbicides

WEEDS
(see also subdivision under Chuya Valley, Ukraine)
Nikitina, E V [Poisonous, noxious, and inedible plants in pastures of the Kirghiz S S R.] IAkovitye, vrednye i nepoedaemye rasteniia pastbishch Kirghizskoi SSR Frunze, Akad. nauk Kirgizskoi SSR, 1959 55 p

WEEVILS see subdivision under White Russia

WEIGHING MACHINES
Problems in the theory of automatic dosers. L. L. Makarov. Izv. vys. ucheb. zav., mashinostr. no. 5·11-25 '60.

WEIGHT LIFTING
Five achievements. B. Nalivaiko. Sov. voin 42 no. 10·28 My '60.

WEIGHTS AND MEASURES—CONGRESSES
The 48th session of the International Committee of Weights and Measures. Izm. tekh. no. 7 5-6 Jl '60.

WEIGHTS AND MEASURES—TESTING
Carrying out organized inspections. M. S. Bill'. Izm. tekh. no. 7:55-56 Jl '60.
Check sheets developed by the All-Union Scientific Research Institute of Metrology. K P Shirokov. Izm. tekh. no. 7:12-16 Jl '60

WELDING
(see also subdivision under Germany, East)
BM-1 gaseous flux for gas and solid soldering, welding and hard facing, and equipment for its use. Khim. prom. no. 1:85-86 Ja-F '60.
Communist Youth League is the patron of the welding industry. G. A. Maslov. Svar. proizv. no. 8·48 Ag '60.
Gluing substituting for welding. N. Bolgarov. Znan. sila 35 no. 6 30 Je '60.
High engineering efficiency of welded units. M. Popekhin. NTO 2 no 7·20-21 Jl '60
Nikolaev, G. A., and others. [Welding] Svarka. Red. serii "Mashinostroenie v 1959 gg." I. I. Changli. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1960. 106 p.
Programmed and cybernetic systems for the control of welding processes. B. E. Paton. Avtom. svar. 13 no. 7: 3-11 Jl '60.
Scientific-Technological Conference on the Organization of a Model Welding Section at the Likhachev Automobile Plant. L. K. Ershov. Svar. proizv. no. 7:42 Jl '60.
Slide rule for determining parameters of welding in an atmosphere of intert gases. I. L. Koval'skii. Svar. proizv. no. 8 42-43 Ag '60.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES
Conference of Moscow Province welders. M. M. Popekhin. Svar. proizv. no. 8:40-41 Ag '60.
Scientific technology conference on the welding of pipelines. A. S. Fal'kevich. Svar. proizv. no. 8 41-42 Ag '60.

WELDING—EQUIPMENT AND SUPPLIES
Conference on prospects for the mechanization and expansion of the practice of welding in protective atmospheres in shipbuilding. M. R. Shraerman. Svar. proizv. no. 7:42-43 Jl '60.
Device for tube centering. L. M. Reizin. Svar. proizv. no. 7:36 Jl '60.
Mechanized feed and removal of flux in the automatic built-up welding of metalworking equipment. P. E. Kosenko. M. A. Tylkin. Svar. proizv. no. 7:35-36 Jl '60.
Modernized semiautomatic equipment for welding aluminum. N. N. Belous. Svar. proizv. no. 7:37-38 Jl '60.
Modernizing the system of pneumatic flux feed to the semiautomatic PDShM-500 welding machine. V. V. Kabenkin, A. F. Nikitin. Svar. proizv. no. 8.32 Ag '60.
Welding equipment catalogs. IU. A. Terent'ev. Avtom. svar. 13 no. 7:94-95 Jl '60.

WELDING—EXHIBITIONS
Exhibition on the subject "Introduction of progressive welding techniques in U S S R industries Svar proizv no 6 46-47 Je '60

WELDING—HYGIENIC ASPECTS
Migai, K. V. [Improvement of working conditions in electric welding] Ozdorovlenie uslovii truda pri elektrosvarochnykh rabotakh. Leningrad, Gos. soiuznoe izd-vo sudostroit. promyshl., 1960. 100 p.

WELDING—PATENTS
Soviet inventions in welding. Svar. proizv. no. 8 45-46 Ag '60.

WELDING—TESTING
Effect of heterogeneity in the weld zone of pearlitic steels on their properties. L. S. Livshits, S. I. Panich. Svar. proizv. no. 7.13-15 Jl '60
Estimating weld metal resistance to the formation of hot cracks in arc welding of steel. V. S. Gavriliuk. Svar. proizv. no. 8 10-12 Ag '60
Formation of welding flakes in the metal of the seam under the effect of stress Svar proizv no 6 42-45 Je '60

WELDING, ELECTRIC see Electric welding

WELDING RESEARCH
In the Coordinating Council on Welding. A. M. Luk'ianenko. Avtom. svar. 13 no. 7·95 Jl '60.

WELDING RODS—STANDARDS
New state standard no 2246-60 for steel welding rods I N Grabov Svar proizv no 6 41-42 Je '60.

WELLS
(see also subdivision under Kalmyk A. S. S. R.)
Radius of influence of a well. P. IA. Polubarinova-Kochina. Izv. Sib. otd. AN SSSR no. 5·20-29 '60.
Work practices in underwater earthwork. IU. S. Vernikovskii. Gidr. i mel. 12 no. 7·53-54 Jl '60
Yield of imperfect water-table lowering wells in case of a straight chain of wells sunk in a homogeneous band-shaped layer. L. N Pavlovskaia. Izv. VNIIG 59.210-214 '58.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN PROVINCE—FOREST ECOLOGY
Effect of light on the development of steppe vegetation in forest stands under conditions prevailing in West Kazakhstan Province V P Lidov, M V Nadezhdina, I. A Petrenko Vop geog no 48 223-241 '60

WEST KAZAKHSTAN PROVINCE—MILLET
Economic significance of millet. S. Tarasov. Nar. khoz. Kazakh. 18 no. 5:60-61 My '60.

WEST KAZAKHSTAN PROVINCE—MUSHROOMS
Mushroom flora of western Kazakhstan V. V. Ivanov, O T. Kol'chenko Bot zhur 45 no 6 903-904 Je '60

WEST KAZAKHSTAN PROVINCE—PASTURES AND MEADOWS
Vegetative cover and feed resources in the area of landlocked rivers of the Caspian Lowland. O. M. Demina. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:51-74 '60.

WEST KAZAKHSTAN PROVINCE—SUSLIKS
Seasonal changes in the feeding of the lesser suslik (Citellus pygmaeus) and characteristics of its distribution in western Kazakhstan P. M. Butovskii. Trudy Inst zool. ZN Kazakh SSR 13 18-36 '60

WEST SHELF ICE—NAMES, GEOGRAPHICAL
The origin of a geographical name. IA. K. Inform. biul. Sov. antark. eksp. no. 18 41-42 '60.

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY
Matveevskaia, A. L., and E. V. Ivanova. [Geology of the southern part of the West Siberian Plain in connection with its oil and gas potentials] Geologicheskoe stroenie iuzhnoi chasti Zapadno-Sibirskoi nizmennosti v sviazi s voprosami neftegazonosnosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 263 p.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY
Matveevskaia, A. L., and E. V. Ivanova. [Geology of the southern part of the West Siberian Plain in connection with its oil and gas potentials] Geologicheskoe stroenie iuzhnoi chasti Zapadno-Sibirskoi nizmennosti v sviazi s voprosami neftegazonosnosti. Moskva, Izd-vo Akad. nauk SSSR, 1960. 263 p.

WEST SIBERIAN PLAIN—ROCKS—THERMAL PROPERTIES
Thermal studies of Mesozoic and Cenozoic sediments in the eastern part of the West Siberian Plain [with summary in English]. V. A. Koshliak Sov. geol. 3 no. 5 97-106 My '60

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WETTING
Interphase activity of oxygen in the systems liquid metal - solid oxide [with summary in English]. V. N. Eremenko, IU. V. Naidich, A. A. Nosonovich. Zhur. fiz. khim. 34 no. 6:1186-1189 Je '60.

WETTING AGENTS
Effect of wetting agents in mixtures and during multiple-layer coating. S M Levi Usp nauch fot 7.170-177 '60.

WHALERS
Designing and testing electric propulsion plants on whalers. IA. G. Pikus. Trudy NTO sud. prom. 8 no. 5 95-112 '59.

WHALES see subdivision under Antarctic regions

WHALING
"Nykshak", a hook for the retrieving small pieces at whale cutting. D. Sergeev. Krat. soob. Inst. etn. no. 33: 82-83 '60.
Where the tsunami raged. S. Morozov. Ogonek 38 no. 32 23-25 Ag '60

WHARVES
(see also subdivision under Rovno)
Justification of the traffic capacity of a wharf on the basis of the combined records of relations between ships and harbors. D. Volovoi, V. Savin. Rech. transp. 19 no. 5: 6-9 My '60.

WHEAT
(see also subdivision under Azerbaijan)
For the increase of grain yields by every possible means. [with summary in English]. N. V. TSitsin. Izv. AN SSSR. Ser. biol. no 3.326-337 My-Je '60.
Physiological characteristics of certain varieties of spring wheat and their growth and development [in Kazakh with summary in Russian]. F. A. Polimbetova. Vest. AN Kazakh. SSR 16 no. 5.12-40 My '60.
Polyploidy in wheat. A. R. Zhebrak. Biul. Inst. biol. AN BSSR no. 3·220-221 '58.
Processing wheat flour to starch. N. F. Chernialov. Sakh. prom. 34 no. 6 62-63 Je '60.
Using the radioisotope of phosphorus in studying phosphorus metabolism in the ontogeny of spring wheat (Triticum vulgare Host). L. N. Kazanskaia. Bot. zhur. 45 no. 7:1055-1059 Jl '60.

WHEAT—FERTILIZERS AND MANURES
(see also subdivision under Mardakert District)
Nitrogen, phosphorus, and potassium absorption in the ontogeny of wheat. I. A. Podvalkova. Bot. zhur. 45 no. 7:1025-1027 Jl '60.

WHEAT BREEDING
Studying the effect of certain growing conditions, heterologous pollination, and double pollination on the setting of seeds in remote hybridization of wheat and rye. N. V. Turbin, V. N. Zagrekova. Biul. Inst. biol. AN BSSR no. 3.170-176 '58.

WHEAT GERM
Use of wheat germ in the manufacture of baking products. K. E. Filatov. Khleb. i kond. prom. 4 no. 7·0-9 Jl '60.

WHEAT RUSTS see subdivision under Russia, Northwestern

WHEATEAR—PARASITES see Parasites—Wheatear

WHEELS
Calculating the interaction between wheels and peat deposits. M. M. Tanklevskii. Izv. vys. ucheb. zav.; gor. zhur. no. 7 82-86 '60.

WHITE RUSSIA—AERONAUTICS, COMMERCIAL
Support and develop all creative activities. Grazhd. av. 17 no. 5:3 My '60.

WHITE RUSSIA—ALFALFA—VARIETIES
Alfalfa varieties of promise for White Russia. Report No. 2. E. V. Khodasevich. Biul. Inst. biol. AN BSSR no. 3:68-72 '58.

WHITE RUSSIA—AMATEUR THEATRICALS
On a rural stage. Belarus' 17 no. 5·28 My '60

WHITE RUSSIA—APRICOT
Acclimatization of the apricot in White Russia. A. A. Liubenkov. Biul. Inst. biol. AN BSSR no. 3:73-75 '58.

WHITE RUSSIA—ART INDUSTRIES—EXHIBITIONS
At the White Russian Exhibition Rab. i sial 36 no 6.5 Je '60

WHITE RUSSIA—BALLET
New operas and ballets on the theater posters. IA. Sadouski. Belarus' 17 no. 8:8 Ag '60.

WHITE RUSSIA—BARLEY—VARIETIES
Some characteristics of hybrids obtained from hardy barley varieties and raised in peat soils. R. I. TSarova. Vestsi AN BSSR. Ser. biial. nav. no. 2:43-52 '60.

WHITE RUSSIA—BATS
Distribution and ecology of chiropterans in the White Russian S. S. R. A. M. Kurskou. Vestsi AN BSSR. Ser. biial. nav. no. 2:80-87 '60.

WHITE RUSSIA—BOTANY
New and rare plants collected in White Russia in the summer of 1957. N. V. Kozlovskaia. Biul. Inst. biol. AN BSSR no. 3:64-67 '58.

Scientific session of the Institute of Building Materials of the White Russian Economic Council. Stroi mat 6 no. 5:23 My '60

WHITE RUSSIA—CONFECTIONERY

Tasty candies. U. Biallou. Belarus' 17 no. 8:9 Ag '60.

WHITE RUSSIA—CONSTRUCTION INDUSTRY

New buildings should be cheap and beautiful and we must build them fast Belarus' 17 no 5 26 My '60

WHITE RUSSIA—CULTURE

Current manifestations of a struggle for independent White Russian culture. Ul. Hlybinny. Bel. zbor. 11: '59.

WHITE RUSSIA—DANCING

White Russian dance ensemble H. Zaharodni Belarus' 17 no 5 13 My '60

WHITE RUSSIA—EELS

Results of a 2-year observation of the growth and development of young eels in White Russian waters. S. V. Kokhnenko, E. A. Borovik. Biul. Inst. biol. AN BSSR no. 3:269-272 '59.

WHITE RUSSIA—FIBULA (ARCHAEOLOGY)

Fibulae. I. Sobal'. Belarus' 17 no. 8:32 Ag '60.

WHITE RUSSIA—FOREST RESERVES

A "forest university." Ul. Butarau. Belarus' 17 no. 8: 18-19 Ag '60.

WHITE RUSSIA—FORESTS AND FORESTRY

Present-day condition of White Russian forests. Bel. zbor. 11:134-143 '59.

WHITE RUSSIA—FRUIT CULTURE

Work in pomology at the White Russian Agricultural Academy. A. M. Ipats'eu, IU. H. Bakdanava Vestsi AN BSSR. Ser. biial. nav. no 3:74-79 '60.

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC

Recent data on the structure of the area of contact of the Dnieper-Donets Lowland and the Pripet Graben. I. V. IAkushkin. Dokl. AN BSSR 4 no. 6:256-258 Je '60.

WHITE RUSSIA—GRAPES

Fruit bearing of basal and replacement buds on the grape in White Russia. A. P. Savchenko. Biul. Inst. biol. AN BSSR no. 3.70-82 '58.

WHITE RUSSIA—HISTORY

Conference of White Russian historians. A. K. Kolesnikov. Vop. ist. KPSS 4 no 1.232 234 '60.

WHITE RUSSIA—HISTORY—SOURCES

Documents on the history of a fraternal people ("White Russia in the epoch of feudalism." Vol. I Reviewed by O. S. Kompan). Ukr ist zhur 4 no. 4:138-139 Jl-Ag '60

WHITE RUSSIA—HYBRID CORN

Studying the combination value of corn varieties in White Russia with a view toward obtaining local hybrids. A. N. Palilova. Biul. Inst. biol. AN BSSR no. 3:197-201 '58.

WHITE RUSSIA—INDUSTRIAL HYGIENE

Economic councils and industrial hygiene. V Krasil'nikov Okhr. truda i sots. strakh 3 no 3:30-33 Mr '60

Let us carry out the decision of the December Plenum of the Central Committee of the CPSU L. P. Barasov-skaia. Zdrav. Belor 4 no. 3:3-6 Mr '58

WHITE RUSSIA—INDUSTRIES

Standard-bearers of progress. Belarus' 17 no. 8:1 Ag '60.

WHITE RUSSIA—INFLUENZA

Incidence of influenza in the White Russian S. S. R. during the pandemic of 1957 IA. M. Selivanov. Zdrav Belor. 4 no 3 10 12 Mr '58

WHITE RUSSIA—LAND TENURE

How Lenin's land decree was carried out in White Russia ("Agrarian reforms of 1917-1918 in White Russia" by I Marchenko. Reviewed by R. Krachok) Vestsi AN BSSR. Ser. hram. nav. no. 2,127-131 '60

WHITE RUSSIA—MATCH INDUSTRY

Some problems of the expansion of the plywood and match industries of White Russia. T. A. Meretskaia. Der. prom. 9 no. 7:4-5 Jl '60.

WHITE RUSSIA—MEDICAL LABORATORIES

On the history of the development of laboratory work in the western provinces of the Ukraine and White Russia. N. B. Feltstovich. Lab. delo 6 no. 3:58-59 My-Je '60.

WHITE RUSSIA—MEDICAL PERSONNEL

Decree of the Presidium of the Supreme Soviet of the White Russian S S. R. on conferring the honorary status of Honored Physician of the White Russian S. S. R. to medical personnel of the republic. Zdrav. Belor 4 no 3:78 Mr '58.

Effect of climatic conditions on the population dynamics of murine rodents. V. F. TSerakhovich. Vestsi AN BSSR Ser. biial. nav. no. 2:88-91 '60.

WHITE RUSSIA—MONUMENTS

Monuments to our great leaders V. Valchok Belarus' 17 no 7 25 Jl '60

WHITE RUSSIA—MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION

Results of a public inspection. P. Kovalevskii. Pozh. delo 6 no. 7:31 Jl '60.

WHITE RUSSIA—MUSKRATS

The riches of our lakes. Vitali Vol'ski. Belarus' 17 no. 8:24-26 Ag '60.

WHITE RUSSIA—NAMES, GEOGRAPHICAL

There are some "Novosyolki" villages in each district Belarus' 17 no 7 20 Jl '60

WHITE RUSSIA—NATIONALITIES

The 40th anniversary of the White Russian S. S. R. and its Communist Party. P. Urban. Bel. zbor. 11:20-54 '59.

WHITE RUSSIA—PEASANTRY

A collection of documents on the peasant movement in White Russia ("The peasant movement in White Russia after the abolition of serfdom, 1861-1862." Reviewed by N. N. Ulashchik). Ist. arkh. 6 no. 3 201-205 My-Je '60.

WHITE RUSSIA—PHOTOGRAPHY—EXHIBITIONS

White Russia today. A. Myznikov Sov foto 20 no 5 23-24 My '60.

WHITE RUSSIA—PIONEERS (COMMUNIST YOUTH)

In Zagor'ye. M. Bury. Belarus' 17 no. 8:4-5 Ag '60.

WHITE RUSSIA—PLYWOOD INDUSTRY

Some problems of the expansion of the plywood and match industries of White Russia. T. A. Meretskaia. Der. prom. 9 no. 7:4-5 Jl '60.

WHITE RUSSIA—POLITICS AND GOVERNMENT

White Russia. Verkhovnyi Sovet. [The first session of the Fifth Supreme Soviet of the White Russian S. S. R., April 7-9, 1959; verbatim report] Pershaia sesiia Viarkhounaha Saveta Belaruskai SSR, piataha sklikannia 7-9 krasavika 1959 goda. Stenagrafichnaia spravazdacha Minsk, Dziarzh. vyd-va BSSR, 1959. 259 p.

White Russia. Verkhovnyi Sovet. [The second session of the Fifth Supreme Soviet of the White Russian S. S. R., November 19-20, 1959, verbatim report] Vtoraia sessiia Verkhovnogo Soveta Belorusskoi SSR piatogo sozyva, 19-20 noiabria 1959 goda; stenograficheskii otchet. Minsk, Gos. izd-vo BSSR. Red. sotsial'no-ekon. lit-ry, 1960. 275 p.

WHITE RUSSIA—POTASH INDUSTRY

A mine has begun its work. P. Valkadaeu. Belarus' 17 no. 8:2-3 Ag '60.

WHITE RUSSIA—PRECAST CONCRETE CONSTRUCTION

Experimental equipment for prefabricating room-units of apartment houses to be built in the White Russian S. S. R. Stroi. i dor. mashinostr. 5 no. 7:7-12 Jl '60.

WHITE RUSSIA—RAILROADS

Railroad transportation in White Russia. A. Konash. Bel. zbor. 11:101-133 '59.

WHITE RUSSIA—RAILROADS—FREIGHT

New methods of traffic organization for fast-freight trains. E. P. IUshkevich. Zhel. dor. transp. 42 no. 6:13-15 Je '60.

WHITE RUSSIA—RELATIONS (GENERAL) WITH POLAND

Friendly meetings with our neighbors I CharnIauski. Belarus' 17 no 5 2-3 My '60

WHITE RUSSIA—REVOLUTION, 1917-1921

The 40th anniversary of the White Russian S. S. R. and its Communist Party. P. Urban. Bel. zbor. 11:2054 '59.

WHITE RUSSIA—SALES TAX

Unjustified profit increase. I. Mokhort. Fin. SSSR 21 no. 7:74-76 Jl '60.

WHITE RUSSIA—TEACHERS

Teachers never grow old A Lazouskaia Rab i sial 36 no 6 21 Je '60

WHITE RUSSIA—THEATER

Current manifestations of a struggle for independent White Russian culture. Ul. Hlybinny. Bel. zbor. 11:55-68 '59.

The White Russian theater on its path toward denationalization. M. Kulikovich. Bel. zbor. 11:85-100 '59.

WHITE RUSSIA—VEGETABLE GARDENING

Effectiveness of the use of some herbicides in vegetable gardening. P. S. Zhukava. Vestsi AN BSSR. Ser. biial. nav. no. 2:67-73 '60.

WHITE RUSSIA—WATER VOLES

Migration of the water vole. E. G. Samusenko. Biul. Inst. biol. AN BSSR no. 3:280-282 '58.

WHITE RUSSIA—WEEVILS

Snout beetle species of the genus Apion occurring in the crowns of trees and shrubs in White Russia A. S. Shaliapienak. Vestsi AN BSSR. Ser. biial. nav. no. 2 92-101 '60.

WHITE RUSSIA—WOMEN AS TEACHERS

A warmhearted woman. F. Sobal'. Belarus' 17 no. 8: 20-21 Ag '60.

WHITE RUSSIA—WOOD-USING INDUSTRIES

Storing tar-impregnated stump wood. I. S. Setsko. Gidroliz. i lesokhim. prom. 13 no. 3 16-17 '60.

WHITE RUSSIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Behind enemy lines ("Work of the Communist Party of White Russia behind enemy lines" by I Kravchanka Reviewed by A Khatskevich) Belarus' 17 no 5 30 My '60

The fire of satire L Virnia Belarus' 17 no 5 22 My '60

WHITE RUSSIA—WRESTLING

One hundred and sixty victories. S Atsenkau Belarus' 17 no 7 27 Jl '60

WHITE RUSSIAN ACTORS see Actors, White Russian

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LANGUAGE—GRAMMAR

Minsk. Universitet. [Studies on the White Russian and Russian languages] Dasledavanni pa belaruskai i ruskai movakh. Minsk, Vyd-va Beldziarzhuniv. im. IU. L. Lenina, 1960. 179 p.

WHITE RUSSIAN LANGUAGE—VERBS

Verbs with suffixes ending in -iva, -yva in the White Russian literary language from the 15th to the 18th century A I IAnovich Vestsi AN BSSR. Ser hram nav no. 2,115-126 '60

WHITE RUSSIAN NEWSPAPERS

The fire of satire L Virnia Belarus' 17 no 5 22 My '60

WHITE RUSSIAN OPERA see Opera, White Russian

WHITE RUSSIAN PAINTINGS see Paintings, White Russian

WHITE SEA—HERRING

Relation between the fertility, variation of the egg size and fatness in the herring of the White Sea (Clupea harengus pallasi maris-albi Berg). I. E. Anokhina. Dokl. AN SSSR 133 no. 4:960-963 Ag '60.

WHITE SEA—INVERTEBRATES

The supposed depression of invertebrates with a long life cycle in the White Sea [with summary in English]. L A. Kuderskii. Zool. zhur. 39 no. 6,826-831 Je '60.

WHOLESALE TRADE

(see also subdivision under Buryat-Mongolia)

Questions posed by current conditions. A. Galkin Sov potreb. koop. 4 no 6:8-11 Je '60

Regional economic councils do not need marketing organizations V. Krutovskii Sov torg. 33 no 7 26-27 Jl '60

WILD BOAR

(see also subdivision under Alakul' region, Kazakhstan)

Range dynamics of some ungulates and the anthropocultural factor (materials on the problem of ranges) V. G Heptner. Vop geog no 48 14-23 '60

WILD BOAR—PARASITES see Parasites—Wild boar

WILD FLOWERS

Cultivating beautiful wild plants V. I. Korzhenevskii Biol v shkole no. 3 56 My-Je '60.

WILD RICE

A note on "Zizania latifolia Turcz." K. S. Afanas'ev. Bot. mat. Gerb. 20:45-47 '60.

WILDLIFE, CONSERVATION OF—CONGRESSES

First conference on the protection of nature in Bashkiria. V. N. Pavlinin. Zool. zhur. 39 no. 7 1117-1118 Jl '60.

WILKES LAND—FLATFISHES

Fish families hitherto unknown in Antarctica. Report No. 3: Pelagic fry of flatfishes (Pisces, Bothidae) near the Antarctic shores [with summary in English]. A. P. Andriiashev. Zool. zhur. 39 no. 7:1056-1061 Jl '60.

WILLIAMS, TENNESSEE, 1914-

On-stage and backstage; the plays of Tennessee Williams. G. Zlobin. Inostr. lit. no. 7:199-210 Jl '60.

WILLOWS see subdivision under Soviet Far East; Turkmenistan

WILNO see Vilnius

(see also subdivision under Georgia)

Energy of the "blue ocean." N. Pokidov. Znan. sila 35 no.6:24-25 Je '60.

IND PRESSURE

Designing cooling towers for wind loads. A.A. Boltukhov. Stroi. mekh. i rasch. soor. 2 no.4:33-36 '60.

Karaushev, A.V. [Wind waves and swells on reservoirs and lakes] Sgonno-nagonnye iavleniia na vodokhranilishchakh i ozerakh. Leningrad, Gidrometeor. izd-vo, 1960. 216 p.

IND TUNNELS

Original model. D. Pilisker. Kryl. rod. 11 no.6:17-18 Je '60

INDBREAKS, SHELTERBELTS, ETC.

On the protective mechanism of different types of windbreaks. IA.A. Smal'ko. Izv. AN SSSR. Ser. geog. no.4:99-104 Jl-Ag '60

INDLASS

Deep-sea oceanographic windlasses. N.N. Sysoev. Biul. Okean. kom. no.4:37-46 '60.

INDMILLS

Use of the Gall chain in wind-driven generators. S. Lopyrev. Radio no.7:28 Jl '60.

INDOWS

More about double-sash windows. V. Ermolenko, V. Gromov. Zhil. stroi. no.7:15-16 Jl '60.

Working drawings for "Wooden suspension sashes for windows of farm buildings." Biul. stroi. tekh. 17 no.7:21-22 Jl '60.

INDOWS—STANDARDS

Russia (1923- U.S.S.R.) Vsesoiuznyi komitet standartov. [Window and door fittings] Pribory dlia okon i dverei. Izd. ofitsial'noe. Moskva, 1960. 62 p. (Gosudarstvennye standarty SSSR).

INDS

(see also subdivision under Bol'shoy Shingan Mountain region; Buryat-Mongolia; Kara Kum; Ukraine)

Effect of the shape of the shore line on the dynamic regimen of winds. S.M. Popov. Izv. AN SSSR. Ser. geofiz. no.7:1072-1076 Jl '60.

Frequency spectra and functions of the distribution of probabilities of the vertical wind velocity component. A.S. Gurvich. Izv. AN SSSR. Ser. geofiz. no.7:1042-1046 Jl '60.

Orographic influences on the motion of baric centers. A.S. Dubov. Meteor. i gidrol. no.7:1-8 Jl '60

Role of winds in the destruction of shore ice. IU.V. Tarbeev. Trudy Okean. kom. 7:116-126 '60.

NE AND WINE MAKING

Processing by-products of the wine industry at essential oil mills. N.I. Barsukov, S.T. Ogorodnik, A.I. Lapteev. Masl.-zhir. prom. 26 no.7:15-31 Jl '60.

NTERGREEN

Shoot formation and life form characterization in the family Pyrolaceae Lindl. N.V. Shilova. Bot. zhur. 45 no.6:910-917 Je '60

IRE

Improved methods for winding high-tensile wire. I.D. Belov. Bet. i zhel.-bet. no.6:274-275 Je '60.

Joining the high-tensile wire. P.A. Kvasnitskii. Bet. i zhel.-bet. no.6:276-277 Je '60.

IRE BROADCASTING

(see also subdivision under Moldavia; Moscow)

Experiment in the use of radio centers containing KRU-2 and KRU-10 equipment. T.G. Ivanova, N.V. Loginin. Vest. sviazi 20 no.6:25-26 Je '60.

IRE NETTING

Mastering the production of high-density woven wire cloth. I.A. Leonov. Metallurg 5 no.8:32-33 Ag '60

IRE ROPE

Curvature radius of a free bending wire rope curve. I.I. Zhukov. Izv. vys. ucheb. zav.; gor. zhur. no.7:101-110 '60

Using prestressed concrete construction elements reinforced with double-stranded ropes. I.S. Gaklin. Bet. i zhel.-bet. no.7:303-306 Jl '60.

RE ROPE TRANSPORTATION see Cableways

RELESS TELEGRAPH see Telegraph, Wireless

REWORMS

Larvae of click beetles of the genus Melanotus Esch. (Coleoptera, Elateridae) in the European part of the U.S.S.R. [with summary in English]. V.G. Dolin. Zool. zhur. 39 no.7:1032-1038 Jl '60.

REWORMS—CONGRESSES

Conference of the Scientific Technical Council of the Ministry of Agriculture of the U.S.S.R. on problems in the study and organization of measures for the elimination of wireworms as mass pests in the agriculture and forestry of the U.S.S.R. N.S. Shcherbinovskii. Zool. zhur. 39 no.6:954-955 Je '60.

Structure of the epidermis in representatives of the family Hamamelidaceae. N.T. Skvortsova. Bot. zhur. 45 no.5:712-717 My '60.

WOLFRAMITE see subdivision under Transbaikalia

WOLVERINES see subdivision under Archangel Province

WOMEN

(see also subdivision under China)

Glory to working women! Sov. foto 20 no.3:1 Mr '60.

Good deeds of good people. Sots. obesp. 21 no.6:30-41 Je '60.

She is like everybody else. G. Anzimirov. Smena 37 no.15:22-23 Ag '60.

[Your friend] Podruga. [Moskva] Izd-vo TsK VLKSM "Molodaia gvardiia," 1959. 461 p.

WOMEN—CONGRESSES

Copenhagen, the city where past and future, memories and hopes met. Ivonne Klien. Zhen. mira no.6:6-10 '60.

WOMEN—DISEASES

Mandel'shtam, A.E. [Symptomatology and diagnosis of women's diseases, manual for physicians] Semiotika i diagnostika zhenskikh boleznei; rukovodstvo dlia vrachei. [Leningrad] Medgiz, 1959. 690 p. (DNLM)

WOMEN—EMPLOYMENT

How can I live without Lopanka? G. Kulikovskaia, D. Ukhtomskii. Ogonek 38 no.25:14-16 Je '60.

In the first ranks of the builders of communism. N. Motova. Okhr. truda i sots. strakh. 3 no.3:20-22 Mr '60

Questions and answers. K. Kostin, V. Korotkov. Okhr. truda i sots. strakh. 3 no.3:67-68 Mr '60

Women's work in the U.S.S.R. R.S. Gaenko. Mat. i nauch. konf. asp. Inst. po izuch. SSSR no.11:40-56 Ap '60

Zhenia remains at home. G. Kulikovskaia. Ogonek 38 no.28:14-16 Jl '60

WOMEN—LEGAL STATUS, LAWS, ETC.

Kopelianskaia, S.E. [Legal status of women and children in the U.S.S.R.] Prava materi i rebenka v SSSR. Izd.3. Moskva, Gos. izd-vo med. lit-ry, 1960. 130 p. (Nauchno-populiarnaia meditsinskaia literatura)

WOMEN—RIGHTS OF WOMEN

(see also subdivision under France; Japan)

V.I. Lenin on the liberation of women and public education of children. L.I. Krasnogorskaia. Sov. pedag. 24 no.4:60-72 Ap '60.

WOMEN AND SOCIALISM

The International Socialist Women's Conference of 1915. V.S. Nevolina, N.V. Orlova. Ist. arkh. 6 no.3:100-126 My-Je '60.

WOMEN AS ATHLETES

Around us. Ogonek 38 no.22:27 My '60

WOMEN AS ENGINEERS

Girls. V. Pietron. Belarus' 17 no.7:17 Jl '60

WOMEN AS FARMERS

(see also subdivision under Mogilev District; Mongolia; Starobino District)

A new day has begun. A. Kotliar. Ukraina no.14:10-11 Jl '60.

WOMEN AS MINERS

Our women heroes. V. Shutakov and others. Mast. ugl. 9 no.5:9-11 My '60

WOMEN AS PHYSICIANS

Physician of a district clinic. L. Liakhovskaia. Sem'ia i shkola 15 no.6:12 Je '60.

WOMEN AS TEACHERS see subdivision under White Russia

WOMEN IN AERONAUTICS

(see also subdivision under Odessa)

Airplanes take off into the night.. (continuation). M. Chechneva. Kryl. rod. 11 no.5:23-25 My '60

Airplanes take off into the night (to be continued) M. Chechneva. Kryl. rod. 11 no.6:21-22 Je '60.

Magid, A.S. [The Taman Aviation Guard Regiment] Gvardeiskii Tamanskii aviatsionnyi polk. Izd.3., dop. i perer. Moskva, Izd-vo DOSAAF, 1960. 287 p.

Planes take off into the night; (to be continued). M. Chechneva. Kryl. rod. 11 no.7:22-23 Jl '60.

WOMEN IN ART see subdivision under Nizhnyaya Buret' (Angara Valley)

WOMEN IN POLITICS

Serditova, S.N. [Struggle of the Bolsheviks for women workers, 1903-February 1917] Bol'sheviki v bor'be za zhenskie proletarskie massy, 1903 g.-fevral' 1917 g. Moskva, Gos. izd-vo polit. lit-ry, 1959. 133 p.

Editor's mail. Zhen. mira no.6:4-5 '60.

WOOD—CHEMISTRY

At the Scientific Research Institute of Hydrolysis and Wood Chemistry. Gidroliz. i lesokhim. prom. 13 no.5:11-13 '60.

In our specialized scientific research institutes. Gidroliz. i lesokhim. prom. 13 no.5:30 '60.

Obtaining "lignin acids" from hydrolytic lignin. B.V. Tronov, Z.A. Dobromyslova. Gidroliz. i lesokhim. prom. 13 no.1:3-4 '60.

Preparation of acids from wood powder. E.A. Alferova, V.I. Latunina. Gidroliz. i lesokhim. prom. 13 no.1:8-10 '60.

Problems in wood chemistry. Vest. AN SSSR 30 no.7:91-93 Jl '60

Prospects for developing the industry of the dry distillation of wood. D.B. Maksa. Gidroliz. i lesokhim. prom. 13 no.4:21-24 '60

Replacing copper in the equipment used for the production of acetic acid and butyl acetate. P.I. Kulikov. Gidroliz. i lesokhim. prom. 13 no.5:24-26 '60

WOOD—CHEMISTRY—BIBLIOGRAPHY see Bibliography—Wood—Chemistry

WOOD—MOISTURE

Decreasing the swelling of wooden construction elements. I.O. Lepnevskii. Stroi. mat. 6 no.5:13-14 My '60

WOOD—PRESERVATION

In the State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. Der. prom. 9 no.5:27 My '60

Tie processing in the factory. P.P. Belov. Put' i put. khoz. 4 no.7:17-18 Jl '60

Treating wood with antiseptic pastes. IU. Dmitriev. Sel'. stroi. 15 no.5:9-10 My '60

WOOD—THERMAL PROPERTIES

Rate of thermal decomposition of wood and peat [with summary in English]. IU.N. Korchunov, [illegible]. Inzh.-fiz. zhur. no.7:102-104 Jl '60.

WOOD, COMPRESSED

Compressed wood can be used in machine manufacture. P.N. Khukhrianskii. Biul. tekh.-ekon. inform. no.6:11-15 '60

Furniture made of fiber boards. V. Shepelevich. Prom. koop. 14 no.6:17-18 Je '60.

Investigating the strength of pressure-treated pine wood compressed perpendicularly to the fibers. B.I. Ogarkov, L.I. Kondratov. Der. prom. 9 no.7:11-13 Jl '60.

Wood-chip boards made of detarred chips. M.I. Nyanenko, I.A. Nyanenko. Gidroliz. i lesokhim. prom. 13 no.6:17 '60.

WOOD CARVING, UKRAINIAN

Wooden toys made by Mykola [illegible]. O. Kon. Ukraina no.11:9 Je '60

WOOD-DECAYING FUNGI see subdivision under Ural Valley

WOOD DISTILLATION

Dry distillation of wood as a potential source of furfural. V.I. Kortakin, A.I. Sokolova. Gidroliz. i lesokhim. prom. 13 no.5:3-6 '60.

Prospects for developing the industry of the dry distillation of wood. D.B. Maksa. Gidroliz. i lesokhim. prom. 13 no.4:21-24 '60.

Selective extraction of furfural from aqueous distillates of wood pyrolysis. V.P. Sumarokov, Z.M. Volodutskaia. Gidroliz. i lesokhim. prom. 13 no.5:7-11 '60.

WOOD FINISHING

Beliaeva, K.P. [Paint materials for finishing articles of wood] Lakokrasochnye materialy dlia otdelki izdelii iz dereva. Moskva, Gos. nauchno-tekhn. izd-vo khim. lit-ry, 1960. 73 p.

WOOD STAINING FUNGI

Conditions for the formation of the pigment complex of [illegible] in artificial cultures [with summary in English]. O.P. Nizkovskaia and others. Mikrobiologiia 29 no.3:441-445 My-Je '60

WOOD TAR

Distillation and coking of wood tars with a solid heat carrier. I.V. Gordon and others. Gidroliz. i lesokhim. prom. 13 no.1:1-4 '60.

Dyestuffs in acid water. I.V. Erofeeva, D.V. Tishchenko. Gidroliz. i lesokhim. prom. 13 no.4:7-9 '60.

WOOD-USING INDUSTRIES

(see also subdivision under Krasnoyarsk Territory; Neman; White Russia)

Apply the achievements of science and engineering to industry. Gidroliz. i lesokhim. prom. 13 no.5:1-2 '60.

Differentiated norms for raw stock consumption in manufacturing boxes. M.O. Mikhlin. Der. prom. 9 no.7:25 Jl '60.

WOOD-USING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Wood-using industries

OOD-USING INDUSTRIES—CONGRESSES

Sixth Plenum of the Central Committee of the Trade-Union. Bum.prom. 35 no.6:32 Je '60.

Third Plenum of the Central Administration of the Scientific and Technical Society of Paper and Wood-using Industries. Gidroliz.i lesokhim.prom. 13 no.3 29 '60.

To improve the work of our Scientific and Technical Society. Gidroliz.i lesokhim.prom. 13 no.4:30-31 '60.

OOD WASTE

Briquetting of wood waste. P. A. Davidenko Der.prom. 9 no 5:20-21 My '60

OODEN PIPE see Pipe, Wooden

OODPULP

(see also subdivision under Kaliningrad)

Aspen pulp G A Kalistratov Bum prom 35 no 5 12-14 My '60

Chemical woodpulp of leaf wood Bum prom 35 no 5 14 My '60

New method for a rapid determination of paper pulp concentration S N Ivanov Bum prom 35 no 5 31 My '60

New method of preparing chemical woodpulp. Bum. prom. 35 no.6:27 Je '60.

Organizing the processing of dry gap reed. S.P.Loteev. Bum.prom. 35 no.6:10-19 Je '60.

Semichemical sulfite pulp for corrugated paperboard. N.A.Rozenberger, I.P.Onokhin, M.M.Kopantsev. Bum.prom. 35 no.6:14-15 Je '60.

Sulfite semichemical pulp for corrugated paperboard N A Rozenberger, I P Onokhin, M M Kopantsev Bum prom 35 no 5 5-7 My '60

OODPULP INDUSTRY see subdivision under Finland

OODPULP INDUSTRY—BIBLIOGRAPHY see Bibliography—Woodpulp industry

OODPULP INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Zhidachov

OODWORK (MANUAL TRAINING)

New textbook for eight-year schools ("Woodwork and metalwork; a textbook for grades 5 and 6" by V. M. Tkachenko. Reviewed by V. P. Rudenko). Rad.shk. 10 no.7:92-94 Jl '60.

OODWORKING INDUSTRIES

From pages of technical and economic bulletins of economic councils. Der.prom. 9 no.7:28-29 Jl '60.

In the State Scientific and Technical Committee of the Council of Ministers of the U.S.S.R. Der prom. 9 no.5 27 My '60.

In the Scientific and Technical Society of the Papermaking and Woodworking Industry. Der.prom. 9 no.7:26-27 Jl '60.

Metal detectors used in the production of particle boards and wood flour. M.M.Tendler. Der.prom. 9 no.7:14 Jl '60.

"Planning the general layout of woodworking enterprises" by N O Nekhamkin. Reviewed by G IA.Trainin, L.A.Gurkov Der.prom 9 no.5 28 My '60.

Review of "Lectures on automation in the woodworking industries" by N.A.Morozov. V.D.Osipov. Mekh.i avtom.proizv. 14 no.6:60 Je '60.

OODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

OODWORKING INDUSTRIES—FIRES AND FIRE PREVENTION see subdivision under Moscow

OODWORKING MACHINERY

(see also subdivision under Germany, East; Kiev)

Device for manufacturing dowels. P.P.Matveev. Der prom. 9 no 5 25 My '60.

Efficient shape of fixing pins for veneer peeling machines. N.A.Zhukov. Der prom 9 no 5:7-8 My '60

Knife chippers for the production of industrial wood chips. V.D.Arkhangel'skii, N P.Rushnov. Der.prom. 9 no 5 11-15 My '60.

Lapin, P.I. [Hydraulic transmissions for woodworking machinery and their use] Gidroprivod derevoobrabatyvaiushchikh stankov i ego ekspluatatsiia. Moskva, Goslesbumizdat, 1960. 60 p.

New power heads for machine units. IU.S.Godik. Der. prom. 9 no.7:15-16 Jl '60.

The SVSh drilling and dowel-clinching machine. N.I. Gudzon. Biul.tekh.-ekon.inform. no.7:29-31 '60.

Semiautomatic woodworking machinery. M.Potapov. Stroi.i mkhit 9 no.5:25-26 My '60

Specialized machines for processing subassemblies for furniture made of panels. V P.Ogurtsov Der.prom. 9 no.5 21-24 My '60.

Tarasov, V.M. [Antifriction bearings used in sawmill and woodworking equipment; handbook] Podshipniki kacheniia lesopil'no-derevoobrabatyvaiushchego oborudovaniia; spravochnik. Moskva, Goslesbumizdat, 1959. 110 p.

Theoretical study of the problem of making chips in a drum chipper. E.P.Litsman. Gidroliz.i lesokhim. prom. 13 no.3:6-9 '60.

Volkov, A.P., and G.N.IAgotintsev. [Instruments at the Kostopol' Housing Construction Combine] Instrumental'noe khoziaistvo na Kostopol'skom domostroitel'nom kombinate. Moskva, Goslesbumizdat, 1960. 40 p.

WOODWORKING MACHINERY—SAFETY MEASURES

Guards for the frame peg cutting machine V.Galeev Okhr truda i sots.strakh 3 no 6 60 Je '60

WOOL

Deikhman, E.K. [Wool from new breeds of sheep, and its classification by quality] Sherst' ovets novykh porod i opredelenie ee kachestva. Moskva, TSentrosoiuz, 1958. 108 p.
(DA)

WOOL—STORAGE

Influence of storage conditions on the quality of woolen fabrics. N.I.Efimov, G.M.Plekhanova. Sbor.nauch. rab.Len.inst.sov.torg. no.15:61-68 '59.

WOOL INDUSTRY

Improving the raw wool receiving operations at industrial procurement points. N.V.Rogachev. Tekst.prom. 20 no.6 65-66 Je '60.

WOOLEN AND WORSTED MANUFACTURE

Disk wool retrievers. V.M.Sherishev. Tekst.prom. 20 no.7:16-19 Jl '60.

Printing on top wool. A.I.Matetskii, V.B.Petrinska. Izv.vys.ucheb zav.; tekh.tekst.prom. no.3,118-121 '60.

WORDS FOR COLORS see Colors, Words for

WORK

For the triumph of communist labor. Vop.filos. 14 no.7:3-14 '60.

Gradual rapprochement between intellectual and manual work N Markov Otv na vop trud no 11 3-9 '60.

He who does not work neither shall he eat. D.Zaslavskii. Mol.komm. no.8:20-27 Ag '60.

Psychological preparation of children for socially useful labor in the pupils' work team [with summary in English]. F.I.Ivashchenko, B.M.Rebus. Vop.psikhol. 6 no 2:116-127 Mr-Ap '60.

Psychological preparation of the primary grade students for work. A.A.Liublinskaia. Nach.shkola 20 no.6: 15-19 Je '60.

WORK CLOTHES

Electricians servicing contact networks need comfortable work clothes. V.I.Legen'kii. Elek.i tepl.tiaga 4 no.5: 46 My '60.

In the Presidium of the All-Union Central Council of Trade Unions. Okhr.truda i sots strakh. 3 no.6:72-74 Je '60

Workers should have work clothes of good quality N.Porokhin. Okhr truda i sots.strakh. 3 no.6.42-44 Je '60

WOR" MEASUREMENT

Reply to readers. Lab.delo 6 no.3:62 My-Je '60.

WORKINGMEN'S CLUBS

(see also subdivision under Chernovtsy, Stalino Province)

Response to "Master ugl'a" articles V.Perov, I.Ilatugina, D.Chichindaev. Mast ugl. 9 no 5 22 My '60

WORKS COUNCILS

Forms of public control. A.Binov. Den.i kred. 18 no.7:68-70 Jl '60.

Workers' control in Russia during the pre-October period. T.Bulba. Nauch.dokl.vys.shkoly;okon. nauki no.2:157-162 '60.

WORLD HEALTH ORGANIZATION

New president of the World Health Organization. Mir nauki no.7:47 '59.

WORLD POLITICS

Based on the "cold war" position ("Can a third world war be prevented" [in Danish] by Erik Kragh Reviewed by A Malov). Mezhdunar zhizn' 7 no 8 139-140 Ag '60.

The blocs of aggression and war. V.Lebedev. Agitator no.10:57-59 My '60.

Current problems in world politics, an international review of the January - June 1960 period. Mir.ekon.i mezhdunar.otn. no.7:3-33 Jl '60.

Disarmament, the fundamental problem of our time. Sovr. Vost. no.7:3-5 Jl '60.

"Disintegration of the colonial system of imperialism" by V.I Volkovyns'kyi Reviewed by L O Leshchenko. Ukr ist zhur 4 no 1:136-137 Jl-Ag '60

The dominant forces in the struggle for peace ("A world without arms is a world without war" by N.S Khrushchev Reviewed by L.N.Nikitin). Vop.ist KPSS 4 no.4 191-195 '60.

Don't relax in the struggle for the triumph of peaceful coexistence. Lev Sedin. V zashch.mira no 7.9-12 Je '60.

The facts are convincing. Gordon Schaffer. Inostr.lit. no.7:225-227 Jl '60.

False alarm. L.S. Nov.vrem. 18 no.28:20 Jl '60.

Hopes and hardships. Sahib Singh Sokhei. Sovr.Vost. no.7:20-21 Jl '60.

The last straw Pierre Cot. V zashch mira no 7 2-7 Je '60

The latest error of President Eisenhower. Nov.vrem. 18 no.31:1-2 Jl '60.

Lessons that should not be forgotten. D.Mel'nikov. V zashch.mira no.5:2-7 My '60.

Let's create favorable conditions for negotiations. Zhen. mira no 6:6 '60

Moscow. Akademiia obshchestvennykh nauk. Kafedra istorii mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia. [Some problems in international relations, collected articles] Nekotorye voprosy mezhdunarodnykh otnoshenii; sbornik statei. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 273 p.

On the possibilities of averting war in the modern era. G.I.Zaichikov. Sbor.trud.MZPI no.6:43-61 '58.

On the threshold of the summit conference Blok agit. [Ukr.] no 13 56-58 My '60

Peaceful coexistence is the objective law of the historical process. V.Mikheev. Prop.i agit. 41 no.9 17-24 My '60.

The peoples can do it! M Kotov Kul't i zhizn' 4 no 7 7-8 '60

Rotshtein, F.A. [International relations at the end of the 19th century] Mezhdunarodnye otnosheniia v kontse XIX veka. Moskva, Izd-vo Akad.nauk SSSR, 1960. 705 p.

The sky and politics Nikolai Gribachev Ogonek 38 no 23 4-5 Je '60

Solidarity, unity, peace! G.Kazadei Sov profsoiuzy 16 no.9 55-58 My '60

The struggle of the party for the reconstruction and development of the socialist economy in the postwar period; 1945-1953. V.Kapskii. Prop.i agit. 41 no.9:54-62 My '60.

Talks between A.I Mikoian and Jerome Davis and other members of a tourist group on a mission of peace. July 7, 1960 Mezhdunar.zhizn' 7 no 8:3-12 Ag '60

Two congresses [with English summary in insert]. P.Shastitko. Sovr.Vost. no.7:11-13 Jl '60.

The West must renounce its illusions. Arthur Wauters. V zashch.mira no 7 13-17 Je '60

What do the peoples expect from the conference of the heads of the governments of the four great powers. P.Ni-li. Otv.na vop.trud. no 11:18-25 '60.

World events. Nov.vrem. 18 no.28:32 Jl '60.

World events Nov.vrem 18 no 29 32 Jl '60.

World events. Nov.vrem. 18 no.31:32 Jl '60.

WORLD WAR, 1939-1945

(see also subdivision under Africa; Bukovina, Czechoslovakia; Dnieper Valley; Indonesia, Leningrad; Norway; Ukraine)

Berlin Conference of East German and Soviet Historians. G.F.Zastavenko. Nov.i noveish.ist. no.2:200-202 '60.

Cholyshev, D.V. [A great victory on the 15th anniversary of the victory of the Soviet Union in the Great Patriotic War] Velikaia pobeda; k 15-letiiu pobedy Sovetskogo Soiuza v Velikoi Otechestvennoi voine. Leningrad, Ob-vo po rasprostraneniiu polit.i nauchn. znanii RSFSR, Leningr.otd-nie 1960. 48 p.

A comprehensive study of the history of the Great Patriotic War ("History of the Great Patriotic War of the Soviet Union, 1941-1945 Vol.1. How the imperialist states prepared for the war and provoked it" Reviewed by N.Pavlenko, IU.Frantsev). Kommunist 37 no.12 71-80 Ag '60.

A document attesting to the heroism of Baltic soldiers in defense of their fatherland, 1941. V.A.Perezhogin. Ist.arkh. 6 no.3:61-68 My-Je '60.

The end of bloodthirsty Hitlerism should be a stern warning to aggressors. A.Poltorak. Polit.samoobr. 4 no.5.51-63 My '60.

The evacuation of industrial concerns during the period of the Great Patriotic War, 1941-1942. A.V.Mitrofanova. Ist.SSSR 4 no.3:33-48 My-Je '60.

Great victory of the Soviet people K.Telegin Voen ist zhur. 2 no.5 3-10 My '60

Heroic fight for peace and progress. V.TSebenko. Blok. agit. [Len.] no.14:10-19 My '60.

The lessons of history. L.Vysokoostrovs'kyi. Nauka i zhyttia 10 no.5 4-5 My '60.

Participation of combat engineer troops in military action during the Great Patriotic War ("Engineer troops of the Soviet army in the principal operations of the Great Patriotic War" by V I.Zheleznikh, A.D.TSirlin, K.S. Nazarov Reviewed by V.Istomin) Voen ist.zhur. 2 no 5 110-112 My '60

The patriotic movement for the collection of funds to arm the Soviet Army, 1941-1942. A.M.Sinitsin. Ist. arkh. 6 no.3:69-79 My-Je '60.

Secret agents against secret weapons (conclusion). Jacques Bergeaud Translated from the French by Evg.Zagorianskii. Moskva 4 no.7.152-176 '60.

Triumph of the Soviet Armed Forces in the Great Patriotic War; advice on methods. IU.Korablev. Prop.i agit. 41 no.8:49-57 Ap '60.

Wing to wing ("Normandy-Neman" by Francois de Joffre. Reviewed by N.Dontsov) Kryl.rod 11 no 6.29 Je '60

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Aerial hero Gastello and his followers. V. N. Gaponov. Ist. SSSR 4 no 3 78-88 My-Je '60.

Airplanes take off into the night (continuation) M Chechneva Kryl rod 11 no 5 23-25 My '60

Airplanes take off into the night (to be continued). M Chechneva. Kryl rod 11 no 6 21-22 Je '60

Chechel'nitskii, G. A. [The Moscow Guard Fighter Regiment, combat history of the 6th Moscow Guard Air Fighter Regiment in the Great Patriotic War] Moskovskii gvardeiskii shturmovoi, boevoi put' 6-go Moskovskogo gvardeiskogo shturmovogo ordena Lenina i ordena Suvorova II stepeni Krasnoznamennogo aviatsionnogo polka v Velikoi Otechestvennoi voine. Moskva, Voen izd-vo M-va obor. SSSR, 1960. 213 p.

During one flight E Nedutov Grazhd. av. 17 no. 5 10-11 My '60

The fatherland's winged sons, combat documents Kryl rod 11 no 5 2-3 My '60

Magid, A. S. [The Taman Aviation Guard Regiment] Gvardeiskii Tamanskii aviatsionnyi polk. Izd. 3., dop. i perer. Moskva, Izd-vo DOSAAF, 1960. 287 p.

On the eve of the victory. A. G. Fedorov. Vest. Vozd. Fl. no. 5·77-79 My '60.

Place in life. S. P. Gubarev. Vest. Vozd. Fl. no. 5:79-82 My '60.

Planes take off into the night; (to be continued) M. Chechneva. Kryl. rod. 11 no. 7 22-23 Jl '60

The red "Yaks" are attacking. A. V. Vorozheikin. Vest. Vozd. Fl. no. 5 72-77 My '60.

Thanks to the fliers! Thanks to the sailors! B. G. Gofman. Vest. Vozd. Fl. no. 2 80-83 F '60.

The valiant seven and their faiths. V. I Gubanov. Vest. Vozd. Fl. no. 6·80 Je '60.

WORLD WAR, 1939-1945—AERIAL OPERATIONS, FRENCH

Great brotherhood G Gofman Isk kino no 5 83-87 My '60.

WORLD WAR, 1939-1945—ART AND THE WAR

Cultural and educational institutions during the first years of the Great Patriotic War, 1941-1943. L. V. Maksakova. Ist. SSSR 4 no. 3·88-100 My-Je '60.

WORLD WAR, 1939-1945—ATROCITIES see subdivision under Latvia, Rovno Province

WORLD WAR, 1939-1945—CAMPAIGNS

A book on the Great Patriotic War of the Soviet Union between 1941-1945 ("The Great Patriotic War of the Soviet Union" by B S Tel'pukhovskii Reviewed by M. Alekseev, V Zubakov) Voen ist zhur 2 no 5 102-108 My '60

The Great Patriotic War of the Soviet people; a characterization of military operations on various fronts and at various periods of time S. V. Roginskii. Ist. SSSR 4 no 3·3-20 My-Je '60.

Over the Don River P Lebedenko Voen znan 36 no 8 35-36 Ag '60

Valor of tankers A Zhuravskii Voen znan 36 no 8 22 Ag '60

WORLD WAR, 1939-1945—CHILDREN see subdivision under Czechoslovakia

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

(see also subdivision under Hungary)

A review of Soviet-Czechoslovak relations during the period of the Great Patriotic War. Mezhdunar zhizn' 7 no 8 151-158 Ag '60.

Russia (1923- U. S. S. R.) Ministerstvo inostrannykh del. [Soviet-Czechoslovak relations during the Great Patriotic War, 1941-1945; documents and materials] Sovetsko-chekhoslovatskie otnosheniia vo vremia Velikoi Otechestvennoi voiny, 1941-1945 gg.; dokumenty i materialy. Red. kollegiia: IA. Vichek i dr. Moskva, Gos. izd-vo polit. lit-ry, 1960. 290 p.

The 20th anniversary of the Molotov-Ribbentrop Pact and the beginning of the Second World War. R. Kas'tsiuk. Bel. zbor. 11:69-84 '59.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

(see also subdivision under Armenia)

Book about an awakening continent ("Africa in World War II" by A IU. Shpirt Reviewed by S. A. Pervushin) Priroda 49 no 7:123 Jl '60

Shigalin, G. I. [National economy of the U. S. S. R. during the Patriotic War] Narodnoe khoziaistvo SSSR v period Velikoi Otechestvennoi voiny. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1960. 278 p.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

In the name of life; book two (to be continued). V. Giller. Znamia 30 no. 8 176-193 Ag '60

Physician heroes of the Soviet Union. F. V. Satrapinskii. Voen.-med. zhur. no. 5:7-10 My '60.

WORLD WAR, 1939-1945—NAVAL OPERATIONS

Confidence in the commander. G. I. Shchedrin, A. S. Morukhov. Sov. mor. 20 no. 10·18-19 My '60.

Miniature submarines in the Second World War K. Gurvich. Voen znan 36 no 8·37-38 Ag '60

"Tashkent" destroyer I Azarov Voen ist zhur 2 no 5 52-62 My '60

A year on the ocean. Oleksandr Hordii. Ukraina no. 14: 4-5 Jl '60.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

(see also subdivision under France)

Captain Peter. N. Chernikov. Ogonek 38 no. 32:17 Ag '60.

[Fighters remember days gone by] Boitsy vspominaiut minuvshie dni. Moskva, Voen. izd-vo M-va obor. SSSR, 1960. 229 p. (Voennye memuary)

Our White Russian woman S Babronak Belarus' 17 no 5 14-15 My '60

Road to the front. Fedor Mazhirin Sov. Ukr. 10 no. 7· 131-141 Jl '60

The tanks turned to the West (to be continued) N Popel' as told to V Kardin Zvezda no 5 120-145 My '60

The tanks turned to the West (to be continued). N. Popel' as told to V. Kardin. Zvezda no. 6:165-188 Je '60.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

(see also subdivision under Belgium; Czechoslovakia; Denmark, Mogilev Province, Poland, White Russia)

Kozlov, I. A. [In the Crimean underground] V Krymskom podpol'e. Moskva, Sovetskii pisatel', 1960. 542 p.

The partisan movement during the Great Patriotic War and bourgeois historiography. A. A. Kurnosov, E. S. Lagutin Ist. SSSR 4 no. 3 172-178 My-Je '60.

WORMS—ANATOMY

Functional significance and origin of the differentiation of the body of Trichocephalus into the filamentous anterior and thickened posterior part [with summary in English]. P. G. Oshmarin. Zool. zhur. 39 no 7. 1091-1092 Jl '60.

Tissular nature of submerged epithelium in cestodes. E. D. Logachev. Trudy Inst. zool. AN Kazakh. SSR 12 137-139 '60

WORMS, INTESTINAL AND PARASITIC

(see also subdivision under Alma-Ata Province; Belyaevka District; Kirghizistan, Krasnoyarsk Territory, Krivoy Rog District; Kyurdamir District; Lena Valley, Maritime Territory, Masurian Lakes, Polesye, Ukraine; Zaysan region)

Frequency of helminthiasis in children. M. O. Kolker. Zdravookhranenie 3 no. 3:20-24 My-Je '60.

Gordadze, G. N. [Helminths parasitic in man. Parazitornye glisty cheloveka. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1960. 30 p. [In Georgian.]

Helminth parasites of the Numididae (Galliformes) [in Azerbaijani with summary in Russian]. G. B. Kasimov. Dokl. AN Azerb. SSR 16 no. 3:303-305 '60.

Helminths parasitic in the king eider. K. M. Ryzhikov Trudy Gel'm. lab. 10:173-187 '60.

Immunization of farm animals against helminthiases. V. S. Ershov. Trudy Inst. zool. AN Kazakh. SSR 12 96-103 '60.

Shevtsov, A. A., and L. N. Zaskind. [Helminths and helminthiases of domestic water fowl] Gel'minty i gel'mintozy domashnikh vodoplavaiushchikh ptits. Khar'kov, Izd-vo Khar'kovskogo gos univ. im. A. M. Gor'kogo, 1960. 444 p.
(DA)

Vasil'kova, Z. G. [Helminthic diseases in man and their control] Glistnye zabolevaniia cheloveka i bor'ba s nimi. Izd. 5., ispr. i dop. Moskva, In-t sanitarnogo prosv. M-va zdravookhraneniia SSSR, 1957. 29 p. (V pomoshch lektoru)
(DNLM)

WORMS, INTESTINAL AND PARASITIC—RESEARCH

Use of an electric dust collector for the helminthological investigation of dust from household objects. V. A. Gefter. Lab. delo 6 no. 3:53-56 My-Je '60.

WORMWOOD

Seasonal development and productivity of wormwood and saltwort associations in the lowland pastures of northern Daghestan. I. F. Musaev. Bot. zhur. 45 no. 7:1011-1025 Jl '60.

WOUNDS

Kiev. Ukrainskii nauchno-issledovatel'skii institut ortopedii i travmatologii. [Collection of abstracts of scientific works] Sbornik referatov nauchnykh rabot. Kiev, 1957. 222 p.
(DNLM)

WRESTLING see subdivision under White Russia

WRITING—HISTORY

History of writing. M. Hurski. Belarus' 17 no. 8:21 Ag '60.

WRITING—MATERIALS AND INSTRUMENTS

Old Russian writing instruments from the tenth through the fifteenth century. A. F. Medvedev. Sov. arkheol. 4 no. 2:63-88 '60.

WULFENITE

Wulfenite containing uranium. A. A. Chernikov and others. Zap. Vses. min. ob-va 89 no. 2:180-186 '60.

X-RAY CRYSTALLOGRAPHY

Plastic bending unattended by the asterism of Laue diffraction patterns. A. A. Urusovskaia. Itogi nauki: Fiz.-mat nauki 3 67-74 '60.

Roentgenographic analysis of deformations in large-crystal aluminum. P. Kozlov. Sbor. nauch. rab. stud. Nauch. stud. ob-va Kir. un. no. 2.51-54 '59.

X-RAY PHOTOGRAPHY see Radiography

X-RAY SPECTRUM see Spectrum, X-ray

X RAYS

Determining the correlation between the quantum numbers of the K and L X-ray lines of some neutron deficient isotopes. V. D. Vitman and others. Izv. AN SSSR Ser. fiz. 24 no. 7·934-938 Jl '60.

Radiation chemistry of oxychlorine compounds. Part 1: Action of X rays on aqueous solutions of sodium chlorite [with summary in English]. L. T. Bugaenko, E. P. Kaliazin, N. A. Bakh. Zhur. fiz. khim. 34 no. 6:1243-1249 Je '60.

Scintillation counter for recording X radiation B. N. Vasichev and others. Prib i tekh. eksp. no 2 51-56 Mr-Ap '60

Use of stereoscopic X ray. S. I. Vaisburg. Voen.-med. zhur. no. 5:33-36 My '60.

X RAYS—DIFFRACTION

X-ray determination of ferro-magnesian chlorites. N. A. Kornilov. Zap. Vses. min. ob-va 89 no. 2·160-165 '60.

X RAYS—EQUIPMENT AND SUPPLIES

Apparatus for the X-ray examination of metallic parts. L. M. Suvorov Zav lab. 26 no 5 624 '60

Attachment to the URS- 50I X-ray apparatus for the study of deformation textures in thin, 50NP alloy strips. M. M. Borodkina. Sbor. trud. TSNIICHM no. 23:174-182 '60.

Determination of flaws in small spheres. A M Noskov Zav lab. 26 no 5 624-625 '60.

Preparation of a beryllium foil. V. M. Amonenko and others. Zav lab 26 no 5 625-626 '60.

Successes in the development of sources for short X-ray pulses D. M. Tarasov and others Prib i tekh. eksp no 2 118-121 Mr-Ap '60

X RAYS—INDUSTRIAL APPLICATIONS

First all-Union conference held in Kiev on X-ray study of raw minerals. V. A. Frank-Kamenetskii, I. V. Mikheeva, E. P. Sal'dau. Zap. Vses. min. ob-va 89 no. 2:257-259 '60.

"Investigation of materials by means of X and gamma rays" by V. Gaidovskii. Reviewed by V. S. Tokmakov. Zav. lab. 26 no. 7:910-911 '60.

Use of the X-ray method for investigating the performance of the ballast covering. A. K. Shafranovskii, IU. G. Vinogradov. Vest. TSNII MPS 19 no. 4:44-47 '60.

X RAYS—PHYSIOLOGICAL EFFECT

Change in the acid-base balance in rabbits following the acute and long-term action of X rays. E. I Flaen Zdravookhranenie 3 no 2 51-56 Mr-Ap '60

Dosed X-irradiation of various regions of the head and visual perceptions [with summary in English]. G. K. Gurtovoi, E. O. Burdianskaia Biofizika 5 no. 3:361-364 '60.

Influence of methionine and lipocaine on some factors of fat metabolism in the liver of rats exposed to X rays [with summary in English]. V. G. Vladimorov. Biul. eksp. biol. i med. 49 no. 1:59-62 Ja '60.

Influence of small doses of X rays on the alimentary conditioned reflexes in dogs. M. G. Airapetiants. Trudy Inst. vys. nerv. deiat. Ser. fiziol. 4:226-235 '60.

Influence of X irradiation of the recipient on homoplastic transplantation of the peripheral nerve [with summary in English]. IU. M. Gudzovskaia. Biul. eksp. biol. i med. 49 no. 1:110-114 Ja '60.

Injurious effect of an X-irradiated medium in relation to temperature. I. B. Smirnova. TSitologiia 2 no. 3: 371-373 My-Je '60.

Lung surgery in animals following the action of ionizing radiation. N. S. Telman. Voen.-med. zhur. no. 6:80-81 Je '60.

Radiation injuries. G. S. Grigor'iants. Med. zhur. Uzb. no. 12:88-90 D '58.

Studying the effect of ionizing radiation (X rays) on the eggs of Trichocephalus muris Schrank, 1788. N. P. Shikhobalova, L. S. Paruzhinskaia. Trudy Gel'm. lab. 10:248-253 '60.

X RAYS—SAFETY MEASURES

Possibilities of using a β-gamma-radiometer in medical institutions. L. I. Oskotskii. Voen.-med. zhur. no. 6: 37-39 Je '60.

X RAYS—SCATTERING

Scattering of X-rays by strongly distorted homogeneous solid solutions. M. A. Krivoglaz. Kristallografiia 5 no. 1:24-31 Ja-F '60.

X RAYS—SPECTRA

Effect of voltages on the line contrast of X-ray spectra. I. G. Dem'iankov Zav. lab. 26 no. 5.645 '60

X RAYS—THERAPEUTIC USE

Carrying out superficial X-ray therapy with radioscopic diagnostic apparatus. A. I. Kuz'min, A. I. Nesis. Zdrav. Kazakh. 18 no. 1:73-74 '58.

X-ray diagnosis and X-ray therapy of osteogenic sarcoma. A. A. Adzhi-Mollaev. Med. zhur. Uzb. no. 12 11-17 D '58.

Zil'bergol'ts, M. L. [X-ray therapy in dermatology; for radiotherapeutic physicians and dermatologists] Rentgenoterapiia v dermatologii; dlia vrachei rentgenoterapevtov i dermatologov. Moskva, Medgiz, 1950. 102 p.
(DNLM)

YACHT-BUILDING

Building of a 47-ton displacement cruising yacht. V. I. Derfabin and others. Sudostroenie 26 no. 6 37-38 Je '60.

Cruising sail yacht of 24.5-ton displacement. D. A. Kurbatov. Sudostroenie 26 no. 6:43-47 Je '60.

YACHT-BUILDING—BIBLIOGRAPHY see Bibliography—Yacht-building

YACHTS AND YACHTING

The yacht catches up with the wind. IU Krinichkov Voen znan 36 no 8:31-32 Ag '60

YAKUTIA—CESTODA

Cestodes of passerine birds parasitic in rodents. A. A. Spasskii, L. P. Spasskaia. Trudy Gel'm. lab. 10 212-216 '60.

YAKUTIA—FORESTS AND FORESTRY

Classification of burnt-over areas in southwestern and central Yakutia. I. P. Shcherbakov, R. V. Chugunova. Izv. Sib. otd. AN SSSR no. 1:127-136 '60.

YAKUTIA—GOLD ORES

Conditions governing the formation of certain banded structures of ores. P. A. Strona. Geol. rud. mestorozh no. 3:77-87 My-Je '60.

YAKUTIA—LANDSCAPE GARDENING

Chugunova, Z. A. [Landscaping settlements in permafrost districts, practices in central and southern Yakutia] Ozelenenie naselennykh mest v raionakh vechnoi merzloty; iz opyta raboty v TSentral'noi i IUzhnoi IAkutii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1960. 73 p.

YAKUTIA—LICHENS

New representatives of the genus Cetraria in the U.S.S.R. A. N. Oksner, K. A. Rassadina. Bot. mat. Otd. spor. rast. 13:5-11 '60.

YAKUTIA—NEMATODA

Tetrameres cygni, a new nematode from swans of Yakutia. K. M. Ryzhikov, D. P. Kozlov. Trudy Gel'm. lab. 10: 180-191 '60.

YAKUTIA—POPPY

New poppies from the Yakut A. S. S. R. A. I. Tolmachev. Bot. mat. Gerb. 20:163-182 '60.

YAKUTIA—QUARTZ

Conditions governing the formation of certain banded structures of ores. P. A. Strona. Geol. rud. mestorozh. no. 3:77-87 My-Je '60.

YAKUTIA—TULAREMIA

Some data on tularemia in Yakutia. Izv. Irk. gos. nauch.-issl. protivochum. inst. 16:211-214 '57.

YALTA—ORTHOPEDIA

Good-by, Yalta Semen Makarov. Ukraina no. 11 12-13 Je '60

YAMAL PENINSULA—LICHENS

The new species Cladonia oxneri Rass. K. A. Rassadina. Bot. mat. Otd. spor. rast. 13:14-20 '60.

YAROSLAVL—BIBLIOGRAPHY see Bibliography—Yaroslavl

YAROSLAVL—FLIGHT TRAINING

When there is no seasonal prevalence in flights. N. Kobyzev, V. Permiakov. Kryl. rod. 11 no 6 23-24 Je '60

YAROSLAVL—PENSIONERS—SOCIETIES, ETC.

The All-Union Central Council of Trade Unions has the floor. A Ushakov Sots obesp 21 no. 5 41-43 My '60

YAROSLAVL—RAILROADS—TIES

Live and work the communist way. F. I. Iurkevich, M. N. Provodina. Put' i put. khoz. 4 no. 4:8-10 Ap '60.

YAROSLAVL—SPINNING

Spinners operating without helpers. V. E. Kudinov, A. D. Hoeva, L. A. Morozova. Tekst. prom. 20 no. 6:58-50 Je '60.

YAROSLAVL PROVINCE—FOREST ECOLOGY

Effect of soil factors on principal characteristics of some forest types in the southern taiga zone [with summary in English]. A. IA. Orlov. Biul. MOIP. Otd. biol. 65 no. 3:116-131 My-Je '60.

YASINOVATAYA—RAILROADS—REPAIR SHOPS

Strengthen the friendship between workers of the Lugansk locomotive industry and the collective of the Yasinovataya repair shop. I. I. Mirskii. Elek. i tepl. tiaga 4 no. 5:3 My '60.

YASINOVKA—COAL PREPARATION—EQUIPMENT AND SUPPLIES

Improving the performance and increasing the output of slurry jigging machines. A. I. Ol'fert and others. Koks i khim. no. 5:22 '60.

YASINOVKA—FLOTATION—EQUIPMENT AND SUPPLIES

Automatization of the flotation division at the Yasinovka By-Product Coking Plant by means of radioactive density meters. A. Z. Kulishenko. Koks i khim. no. 5:17-19 '60.

YAYA VALLEY—GEOLOGY, STRATIGRAPHIC

Contribution to the study of the Yaya horizon of siliceous rocks in Western Siberia. M. G. Gorbunov. Dokl. AN SSSR 133 no. 2:427-430 Jl '60.

YEAST
(see also subdivision under Kansk, Krasnodar; Sverdlovsk Province; Tallinn; Voronezh)

Classification and identification of sporeforming Saccharomycetes [in Latin]. V. I. Kudriavtsev. Bot. mat. Otd. spor. rast. 13:130-151 '60.

Classification of yeasts [with summary in English] J. Zsolt Mikrobiologiia 29 no 3:377-381 My-Je '60

Effect of the temperature conditions of hydrolysis on the alcohol-forming capacity of yeasts. M. K. Raitseva. Gidroliz. i lesokhim. prom. 13 no. 5:12-13 '60.

Flotation method of isolating yeasts from yeast beer. K. P. Andreev and others. Gidroliz. i lesokhim. prom. 13 no. 3:11 14 '60.

In the Permanent Commission on the Chemical Processing of Plant Materials by Hydrolysis. Gidroliz. i lesokhim. prom. 13 no. 3:31 '60.

Modernization of the VSB and VSV yeast separators. Z. B. Kristall. Gidroliz. i lesokhim. prom. 13 no. 1:27-29 '60.

YEGOR'YEVSK—AERONAUTICS—STUDY AND TEACHING

In training shops. V. Borzov. Grazhd. av. 17 no 6:? Je '60.

YEGOR'YEVSK—LIBRARIES

Services performed by the active group. A. Mogil'kov. Bibliotekar' no. 7:33-34 Jl '60.

YEGOR'YEVSK—PENSIONS

Under community control. V. Salomatin Sots. obesp 21 no. 5 12-15 My '60

YELETS—LIGHTWEIGHT CONCRETE

Small housing construction combines producing precast elements made of cellular materials. N. I. Vasil'ev. Stroi. mat. 6 no. 7:26-29 Jl '60.

YENISEY RIVER—SALMON

Morphological characteristics of the Siberian white salmon (Stenodus leucichthys nelma (Pallas)) of the Yenisey River [with summary in English]. V. A. Krasikova. Zool. zhur. 39 no. 7:1103-1106 Jl '60.

YENISEY VALLEY—IRON ORES

Problem of the commercial exploitation of the Angara-Pit iron ore basin. A. I. Zubkov. Izv. Sib. otd. AN SSSR no. 5:13-19 '60.

YENISEY VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Recent faunal and floral finds in the Taz strata of the Yenisey Valley between the Igarka and Podkamennaya Tunguska Rivers. S. A. Arkhipov, Z. V. Aleshinskaia. Dokl. AN SSSR 133 no. 4:901-904 Ag '60.

YEREVAN see Erivan

YESIL' DISTRICT—BAPTISTS

How a group of Baptists disintegrated. V. Nosov. Part. zhizn' Kazakh. 30 no. 7:68-71 Jl '60.

YETI see subdivision under Mongolia

YEVPATORIYA—HEALTH RESORTS, WATERING PLACES, ETC.

Sorkin, A. Z. [Yevpatoriya Health Resort] Kurort Evpatoriia. Moskva, Gos. izd-vo med. lit-ry, 1960. 56 p. (Nauchno-populiarnaia meditsinskaia literatura)

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH
(see also subdivision under Gay; Italy; Ukraine)

Festival of youth. Komsom. zhizn' no. 11:29-31 Je '60.

Levashova, S. A., and M. S. Kharchenko. [Culture in everyday life of youth] Kul'tura v bytu molodezhi. Moskva, Izd-vo "Znanie," 1960. 38 p. (Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii. Ser. 10, Molodezhnaia, no. 6)

We will have it this way! Smena 37 no. 11 1 Je '60

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH HOSTELS see subdivision under Leningrad

YTTERBIUM—ISOTOPES

Spectrum of conversion electrons of Lu^{167} + Yb^{167}. A. S. Basina, B. S. Dzhelepov, V. A. Chikhladze. Izv. AN SSSR Ser. fiz. 24 no. 7:807-810 Jl '60.

YTTRIUM—ANALYSIS

Photometric determination of yttrium with stilbazo [with summary in English]. L. S. Serdiuk, G. P. Fedorova. Zhur. anal. khim. 15 no. 3:287-290 My-Je '60.

YTTRIUM COMPOUNDS

Complex formation of some α-hydroxy acids with yttrium and cerium. V. I. Spitsyn, O Voitekh. Dokl. AN SSSR 133 no. 3:613-616 Jl '60.

YTTRIUM NITRATE

Solubility in the system $Y(NO_3)_3 - NH_4NO_3 - H_2O$ at 25 and 50°. F. M. Perel'man, A. IA. Zvorykin, G. A. Demina. Zhur. neorg. khim. 5 no. 4:900-903 Ap '60.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia.] Nov. lit. po IUg. no. 5 '60.

YUGOSLAVIA—INDUSTRIES

Yugoslav exhibition of consumers' goods. A. Il'ina. Vnesh. torg. 40 no. 7:15-16 '60.

YUGOSLAVIA—ORTHODOX EASTERN CHURCH—PERIODICALS

Review of "Glasnik," journal of the Serbian Orthodox Church, nos. 2-4, February-April 1960. E. Karmanov. Zhur. Mosk. Patr. no. 6.70-71 Je '60.

YUNNAN PROVINCE—GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS

A year in Yunnan; biogeographical notes. A. G. Voronov. Vest. Mosk. un. Ser. 5:Geog. 15 no. 3:60-66 My-Je '60.

YUR'YEV-POL'SKIY—CATHEDRALS

On the original composition form of the "Seven sleeping boys" on the facade of the Georgievskii Cathedral in Yur'yev-Pol'skiy. G. K. Vagner. Sov. arkheol. 4 no. 2: 263-270 '60.

YUSHTA—BOTANY—STUDY AND TEACHING

Valuable experience of the Yushta school. M. F. Trusovtseva. Biol v shkole no. 3:33-37 My-Je '60

YUZHNO-KURIL'SKIY STRAIT—DIATOMS

New interesting diatoms forming thalloid gelatinous colonies. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 13:50-63 '60.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAK, SERGEI L'VOVICH, 1899-

Deserving workers in the industry of synthetic fibers. Khim. volok. no 3.77 '60.

ZAKATALY DISTRICT—ICHNEUMON FLIES

Ichneumon flies of the families Ichneumonidae and Braconidae in the Nukha-Zakataly zone of Azerbaijan [in Azerbaijani with summary in Russian]. A. A. Abdinbekova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:81-92 '60.

ZAKHAROV, EVGENII GORDEEVICH, 1909-

The sculptor E. Zakharov. Zh. Matsulevich. Iskusstvo 23 no. 5:40-42 '60.

ZAN'KOVETS'KA, MARIIA KONSTANTYNIVNA, 1860-1934

Unforgettable encounters. M. Mykyshn. Ukraina no. 16: 25 Ag '60.

ZAPOROZH'YE—ABRASIVES INDUSTRY

How they economize electric power at the Zaporozh'ye Abrasives Plant Blok. agit (Ukr.) no. 35:38-41 D '59.

ZAPOROZH'YE—ALUMINUM INDUSTRY

In close contact with life A. Nasekan Blok. agit [Ukr.] no. 18:8-14 Je '60

ZAPOROZH'YE—AUTOMOBILE INDUSTRY

Tiny automobiles on our highways. I. Pashkov. Ukraina no 11 8 Je '60

"Zaporozhets" automobile leaves the plant. Nauka i zhyttia 10 no. 7:16-17 Jl '60.

ZAPOROZH'YE—CITY PLANNING

New principles of planning and building the center of Zaporozh'ye [with summary in English, p. 74]. A. D. Ivanova, H. D. Orlekhova. Visnyk AHiA URSR no. 2: 10-15 '60.

ZAPOROZH'YE—COKE INDUSTRY—BY-PRODUCTS

At the Zaporozh'ye By-Product Coking Plant. A. Ginzburg. Koks i khim. no. 5:60 '60.

ZAPOROZH'YE—COKE OVENS

Automatic heating of coke ovens. B. IA. Livshits, V. E. Mel'nikov. Koks i khim. no. 6:20-22 '60.

ZAPOROZH'YE—OILS AND FATS

Experience in the continuous splitting of fats in a column-type apparatus. M. V. Irodov and others. Masl.-zhir. prom. 26 no. 7:30-31 Jl '60.

no.11 [illegible] '60.

APOROZH'YE PROVINCE—BUILDING MATERIALS
Use only local materials in building. Sil' bud 10 no.5 6-7 My '60

APOROZH'YE PROVINCE—COLLECTIVE FARMS—TECHNOLOGICAL INNOVATIONS
The rural innovators are making progress. N.Gusarov. Izob.i rats. no.8:40-41 Ag '60.

APOROZH'YE PROVINCE—GIRDERS
Making wire-reinforced concrete beams. V.Nesterov. Strol.i arkhit. 8 no.7 10 Jl '60

VOLZHSK—CHEMICAL INDUSTRIES—HYGIENIC ASPECTS
n reliable hands. I. Sitov. Okhr. truda i sots. strakh 3 no.6 26 27 Je '60

YSAN REGION—WORMS, INTESTINAL AND PARASITIC
Helminth fauna of birds in the Zaysan Depression. V.IA. Panin. Trudy Inst.zool.AN Kazakh.SSR 13 166-172 '60.

OLDUNOV—LINOTYPE
utomatic switch for starting the heating of linotype boilers. G.G.Grib. Polig.proizv. no.5:27 10 My '60.

LENOGORSK—SUMMER HOMES
ummer apartments of the "Architect" Rest Home in Zelenogorsk. E.I. Arkhit.SSSR no.7:49-51 '60

LENOVSKIY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
n the report of a district committee and in real life. S.Shultugin. Part. zhizn' Kazakh. 30 no.7:61-67 Jl '60.

RNOVOY—AGRICULTURAL RESEARCH
Scholarly seminars. P.Vinogradov. NTO 2 no.7:17 Jl '60.

ANA-ARKINSKIY DISTRICT—PLANTS—TRANSPIRATION
cclimatization of some plants in the semiarid climate of Kazakhstan. Zh.Zhatkanbaev. Izv.AN Kazakh.SSR. Ser.bot.i pochv. no.3:89-100 '60.

DANOV—MOTION PICTURES, DOCUMENTARY
newspaper on the motion picture screen. V.Kovalev. Agitator no.10:56 My '60.

DANOV—STEEL INDUSTRY
utomatic machines regulate the blast furnace process. P.Petro. Blok agit (Ukr.) no.15:15-17 D '60
he steel is coming! V.Gontashenko. Sov.volu 19 no.7:20-21 Jl '60.

ELEZNODOROZHNYY—EDUCATION OF CHILDREN
has become an eight year school. [illegible] Nar.obr. no.7:01-102 Jl '60

ELIABOV, ANDREI IVANOVICH, 1851-1881
Lelankin, A.V. [Andrei Zheliabov, a hero of "Narodnaia Volia"] Andrei Zheliabov — geroi "Narodnoi voli." [Moskva] Izd-vo sotsial'no-ekon.lit-ry, 1959. 73 p.

DACHOV—PAPER INDUSTRY—EQUIPMENT AND SUPPLIES
ecovery of fiber by means of a wire save-all filter. A.I. Tkachenko, M.IA.Kovalchikina. Bum.prom. 35 no.5:14-15 My '60.

DACHOV—WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES
efining of the white woodpulp in centricleaners. M.M. Dymshits. Bum.prom. 35 no.6:21-25 Je '60.

GULEVSK—APARTMENT HOUSES—MANAGEMENT
partment houses should be managed by one organization. S.Sidorov. Zhil.-kom.khoz. 10 no.6 10 '60

TOMIR—BANKS AND BANKING—ACCOUNTING
n the mechanization of entries in the disbursement and receipts journal. IA.Rozinov. Den.i kred. 18 no.7:65-66 Jl '60.

TOMIR—MACHINE ACCOUNTING
n the mechanization of entries in the disbursement and receipts journal. IA.Rozinov. Den.i kred. 18 no.7:65-66 Jl '60.

TOMIR PROVINCE—EVENING AND CONTINUATION SCHOOLS
aluable initiative of Zhitomir teachers. Sred.spets. obr. 7 no.6:34 Je '60.

TOMIR PROVINCE—PALEONTOLOGY
w find of late Paleolithic fauna in the Ukraine. N.I. [illegible] Prats Inst.zool.AN URSR 15:126-127 '59.

TOMIR PROVINCE—PHENAKITE
nd of accessory phenakite in Volhynia [with summary n English]. A.IA.Khatuntseva, N.A.Bespal'ko. Dop. AN URSR no.6:825-828 '60.

DINO—DUMP TRUCKS
ump trucks go to the Nile. I.Vasil'ev. Belarus' 17 o.5:13 My '60

[illegible] V.Orlaneva. [illegible] 23 no.6:79-80 '60

ZHORY—EXCAVATIONS (ARCHAEOLOGY)
Retrospective restoration of antiquities at the site of their occurrence. S.N.Bibikov. Krat.soob.Inst. arkheol.AN URSR no.9:13-16 '60.

ZINC
Absorption of ultrasonic waves in zinc at low temperatures [with summary in English]. A.A.Galkin, A.P. Korolok. Zhur.eksp.i teor.fiz. 38 no.6:1688-1694 Je '60.
Interaction between silver chloride, lead chloride, and zinc in melts. A.P.Palkin, IU.P. Afinogenov. Zhur. neorg.khim. 5 no.7:1555-1558 Jl '60.
Investigating the combustion of copper-zinc concentrates in an oxygen blast. S.A.Vermishchev, V.I.Deev, M.I. Kochnev. Zhur.prikl.khim. 33 no.5:1016-1017 My '60
Nickel-zinc storage cell. V.V.Romanov and others. Zhur.prikl.khim. 33 no.7:1556-1561 Jl '60
Thermodynamic properties of the components of liquid solutions in the system aluminum-zinc [with summary in English]. V.N.Eremenko. Zhur.fiz.khim. 34 no.7:1495-1503 Jl '60.
Thermodynamic properties of the liquid metallic solutions of Zn - Bi and Zn - Cd systems. M.F.Lantratov, E.V.Tsarenko. Zhur.prikl.khim. 33 no.5:1116-1128 My '60

ZINC—ANALYSIS
Determination of small amounts of zinc metallic cadmium. P.V.Marchenko. Zav.lab. 26 no.5:532-535 '60.
Extraction and amperometric titration of zinc and cadmium by means of sodium diethyldithiocarbamate. B.I. Nabivanets, [illegible] Zav.lab. 26 no.7:783-786 '60
Photometric method for determining small amounts of zinc in babbitts. N.V.Kostin. Vest.Mosk.un. Ser.2: Khim. 15 no.1:49-51 '60

ZINC—CORROSION
Effect of lead impurities on the corrosion resistance of electrolytic zinc. [illegible] Zhur. prikl.khim. 33 no.7:1591-1603 Jl '60

ZINC—ELECTROMETALLURGY
Methods for separating hydrogen in the electrolysis of zinc. A.A.Sulin. Vest.AN Kazakh.SSR 16 no.6:11-22 Je '60

ZINC—METALLURGY
Industrial testing of the vacuum method of zinc distillation out of silver scum. M.P.Smirnov and others. TSvet.met. 33 no.5:31-38 My '60

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC FERRATE
Calorimetric determination of the heat of reduction of ferrites by hydrogen. Part 2: Reduction of zinc ferrite. [illegible] Vest.Mosk. un. Ser.2: Khim. 15 no.1:41-44 '60

ZINC INDUSTRY see subdivision under Poland

ZINC-MANGANESE-ALUMINUM-MAGNESIUM ALLOYS
see Magnesium-aluminum-zinc-manganese alloys

ZINC ORES see subdivision under Kuban Valley, Ural Mountains

ZINC OXIDE
Luminescence properties of selenium-activated zinc oxide. L.IA.Markovskii, N.S.Orshanskaia. Opt.i spekt. 9 no.1:77-83 Jl '60.

ZINC PLATING
Determination of the thickness of zinc coatings by means of tagged atoms. [illegible] Zav. lab. 26 no.7:836-837 '60.

ZINC STANNATE
Synthesis and identification of zinc stannate. N.A. Filippova, P.V.Savin, V.A.Korostelova. Zhur. neorg.khim. 5 no.7:1423-1427 Jl '60.

ZINC SULFATE
Interaction between zinc sulfate and ammonia in water. A.K.Kirakosian. Zhur.neorg.khim. 5 no.4:953-959 Ap '60.
Study of the reduction roasting of zinc and magnesium sulfates. V.V.Pechkovskii. Zhur.prikl.khim. 33 no.5:1025-1030 My '60.

ZINC SULFIDE
Investigating the electroluminescence of a ZnS-Mn sublimate phosphor. N.A.Vlasenko, IU.A.Popkov. Opt.i spekt. 8 no.1:81-88 Ja '60

ZINC SULFIDE—SPECTRA
Relationship between the luminescence band intensities of the phosphors ZnS-Mn and ZnS-Ag as a function of the density of photo- and cathode-ray excitation. IU.V. Voronov. Opt.i spekt. 9 no.1:108-111 Jl '60.

[illegible]
shops. [illegible] Polig.proizv. no.6 [illegible] '60

ZIRABULAK MOUNTAINS—CASSITERITE
Cassiterite in limestones of the Zirabulak Mountains. [illegible] no.13 [illegible] '59

ZIRCONIUM
Anodic oxidation of zirconium [with summary in English]. [illegible] Zhur. [illegible] khim. 34 no.5 [illegible] 1004 My '60
Chromatographic separation of hafnium from zirconium and determination of hafnium by the isotope dilution method [with summary in English]. [illegible] Zhur.anal.khim. 15 no.4:463-466 [illegible] '60
Close intergrowth of uraninite with zirconium minerals. [illegible] Atom.energ. 9 no. [illegible] '60
Elinson, S.V., and K.I.Petrov. [Zirconium; chemical and physical methods of analysis] Tsirkonii; khimicheskie i fizicheskie metody analiza. Moskva, Gos.izd-vo lit-ry v oblasti atomnoi nauki i tekhniki, 1960. 211 p.
Equilibrium potentials of zirconium in fused chloride [illegible] Dokl.AN [illegible] '60
Equilibrium state [illegible] [with summary in English] [illegible] Zhur. [illegible] khim. [illegible] My '60
Isothermal transformation of [illegible] in chromium steel containing niobium and zirconium. [illegible] no.[illegible] '60
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industrial specifications for the quality of raw materials, handbook for geologists] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. [illegible] Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr.
No.15. Stepanov, I.S. [Zirconium and hafnium] Tsirkonii i gafnii. [illegible] 1959. 41 p.
Phase diagram for the system zirconium [illegible] V.S.[illegible] and others. Atom.energ. 9 no.1 41-[illegible] Jl '60
Use of [illegible] to [illegible] the polymerization [illegible] of zirconium in solution [with summary in English] [illegible] Dop. AN URSR [illegible] '60

ZIRCONIUM—ANALYSIS
Determination of zirconium from the reaction with pyrocatechol violet in its solutions and its alloys. IU.A.Chernikhov, B.M.Dobkina, [illegible] Petrova. Zav.lab. [illegible] 529-531 '60.

ZIRCONIUM—ISOTOPES
Gamma radiation from Zr^{95} + Nb^{95}. N.A.Voinova, B.S.Dzhelepov, [illegible] Izv. AN SSSR Ser. fiz. 24 no.7 [illegible] Jl '60

ZIRCONIUM—SPECTRA
Determination of hafnium in zirconium by a spectral method. [illegible] Zav.lab. 26 no.5:561-564 '60
Rapid method of determining hafnium in zirconium. V.A.Kornev. Zav.lab. 26 no.5:561-564 '60

ZIRCONIUM ALLOYS—ANALYSIS
Analysis of certain zirconium-base alloys [with summary in English]. [illegible] Zhur.anal.khim. 15 no.3 [illegible] My-Je '60.

ZIRCONIUM COMPOUNDS
Complex formation between zirconium and [illegible] Zhur.neorg.khim. 5 no. [illegible] My '60
Extraction of thorium [illegible] complex compounds. [illegible] Zhur.neorg.khim. 5 no.6:1175-1115 Je '60

ZIRCONIUM NITRATE
Solvate forms of zirconium and hafnium nitrates with tributyl phosphate. [illegible] Zhur. neorg.khim. 5 no.5:1044 [illegible] '60

ZIRCONIUM NITRIDE
Acid resistance and methods of analysis of titanium, zirconium, niobium and tantalum nitrides. O.I.Popova, G.T.Kabannik. Zhur.neorg.khim. 5 no.4:930-934 Ap '60.

ZIRCONIUM OXIDE
Interaction between ZrCl$_4$ with [illegible] during heating. [illegible] Zhur.neorg. khim. 5 no.6 [illegible] Je '60
Some properties of crystalline varieties of ZrO$_2$. T.S. Konstantinova, [illegible] Zhur.neorg.khim. 5 no.7:1409-1412 Jl '60

Zola, champion of peace and justice. Henriette Psichari. V zashch.mira no 5,51-57 My '60.

ZOLOCHEV—ARMENIANS

An Armenian colony in the city of Zolochev. N.K.Krivonos. Izv.AN Arm.SSR.Obshchestv.nauki no.3. 87-92 Mr '60.

ZOLOCHEV DISTRICT—SWINE—FEEDING AND FEEDS

There are such swineherds as Chyzh on each farm. Z.Horokhova. Sots.kul't. 13 no.7:21-22 Jl '60.

ZOOGEOGRAPHY

(see also subdivision under Kyzyl Kum; Rumania)

"Change in the fauna of natural zones of the U.S.S.R." by S.V.Kirikov. Reviewed by G.N.Annenskaia. Vest. Mosk.un.Ser.5 Geog. 15 no.3:76-77 My-Je '60.

"Change of the animal world in natural zones of the U.S.S.R. (13th-19th centuries), steppe zone and forest steppe" by S.V.Kirikov. Reviewed by N.K.Vereshchagin. Zool.zhur. 39 no.7:1114-1116 Jl '60.

Range dynamics of some ungulates and the anthropocultural factor (materials on the problem of ranges) V.G Geptner Vop geog no 48 14-23 '60

D V Panfilov Vop geog no 48 71-89 '60

ZOOLOGICAL GARDENS see subdivision under Berlin

ZOOLOGICAL RESEARCH

"Uchenye zapiski" of the Moscow City Pedagogical Institute, Department of Zoology. Nos. 1-7, 1951-1958. Reviewed by S.V.Gerd. Zool.zhur. 39 no.6 951-953 Je '60.

ZOOLOGY—AUDIO-VISUAL AIDS

"Home-made visual aids on school zoology" by E. R. Klechkovskii, S D Rumiantsova Reviewed by S. A Pavlovich Biol v shkole no 3 86-87 My-Je '60

ZOOLOGY—ECOLOGY

Some results achieved and problems in studying the variability of feed composition in the U S S R IU N Kurazhkovskii Vop geog no 48 165-185 '60

ZOOLOGY—STUDY AND TEACHING

"Relation between theory and practice in a school course on zoology" by V F. Shalaev Reviewed by P. V Seredenko Biol v shkole no 3 80-82 My-Je '60

ZOOPLANKTON

(see also subdivision under Black Sea; Pacific Ocean)

The enriching influence of deep waters of polar and subpolar origin on abyssal plankton [with summary in English]. K.V.Beklemishev. Biul.MOIP Otd.biol. 65 no 3:46-52 My-Je '60.

ZOTI, IURII KONSTANTINOVICH, 1913-

The man from the "valley of miracles." G.Dolmatovskaia. Ogonek 38 no.32:22 Ag '60.

ZWART, JOOP

Meet Mr. Zwart. Nov.vrem. 18 no.31:14-15 Jl '60.

ZWEIG, ARNOLD, 1887-

"Fall", a novel by Arnold Zweig. Reviewed by B Lembrikova Zvezda no 5 210 My '60.

ZYRYANOVSK—METALS

On the initiative of Borod'ko, a plumber. P.Tomilov. Part.zhizn' Kazakh. 30 no.5:42-44 My '60.